

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101922\
 Data File : VN074931.D
 Acq On : 19 Oct 2022 15:20
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Oct 20 05:45:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101922W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 20 05:43:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/20/2022
 Supervised By : Mahesh Dadoda 10/20/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.229	168	221590	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	377492	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	404884	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	202009	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	29835	5.673	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	11.340%#		
35) Dibromofluoromethane	8.177	113	22166	5.354	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.700%#		
50) Toluene-d8	10.571	98	80565	4.797	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	9.600%#		
62) 4-Bromofluorobenzene	12.853	95	22281	4.856	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	9.720%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	21898	5.712	ug/l	99
3) Chloromethane	2.383	50	30963	5.347	ug/l #	85
4) Vinyl Chloride	2.536	62	50543	5.489	ug/l	99
5) Bromomethane	2.930	94	65350	7.030	ug/l	93
6) Chloroethane	3.112	64	45635m	5.010	ug/l	
7) Trichlorofluoromethane	3.500	101	34550	5.712	ug/l #	76
8) Diethyl Ether	3.983	74	14471m	5.219	ug/l	
9) 1,1,2-Trichlorotrifluo...	4.400	101	21490m	5.674	ug/l	
10) Methyl Iodide	4.606	142	27943	5.535	ug/l	96
11) Tert butyl alcohol	5.565	59	35269	28.453	ug/l #	92
12) 1,1-Dichloroethene	4.359	96	18700	5.400	ug/l #	71
13) Acrolein	4.212	56	27302	30.081	ug/l	97
14) Allyl chloride	5.041	41	34201m	5.070	ug/l	
15) Acrylonitrile	5.741	53	77176	24.959	ug/l	97
16) Acetone	4.453	43	70151	26.240	ug/l #	86
17) Carbon Disulfide	4.736	76	45238	5.621	ug/l #	93
18) Methyl Acetate	5.053	43	42860	4.520	ug/l #	83
19) Methyl tert-butyl Ether	5.812	73	69006	5.104	ug/l	97
20) Methylene Chloride	5.289	84	27441	5.168	ug/l #	78
21) trans-1,2-Dichloroethene	5.812	96	21591	5.595	ug/l	88
22) Diisopropyl ether	6.694	45	75083	5.126	ug/l	94
23) Vinyl Acetate	6.624	43	297519	26.839	ug/l	99
24) 1,1-Dichloroethane	6.583	63	42823	5.280	ug/l	95
25) 2-Butanone	7.506	43	108076	24.892	ug/l	99
26) 2,2-Dichloropropane	7.494	77	32195	4.772	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	26655	5.230	ug/l	96
28) Bromochloromethane	7.824	49	16601	4.607	ug/l #	99
29) Tetrahydrofuran	7.853	42	70076	25.040	ug/l	98
30) Chloroform	7.982	83	41301	5.091	ug/l	86
31) Cyclohexane	8.247	56	42474	6.303	ug/l #	70
32) 1,1,1-Trichloroethane	8.182	97	34633	5.042	ug/l	94
36) 1,1-Dichloropropene	8.382	75	31379	5.553	ug/l	95
37) Ethyl Acetate	7.577	43	41276	4.941	ug/l #	94
38) Carbon Tetrachloride	8.371	117	28878	5.212	ug/l #	91
39) Methylcyclohexane	9.606	83	33989	5.176	ug/l	92
40) Benzene	8.612	78	98902	5.440	ug/l	100

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 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/20/2022
 Supervised By : Mahesh Dadoda 10/20/2022

Quant Time: Oct 20 05:45:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101922W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 20 05:43:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	22190	5.061	ug/l #	92
42) 1,2-Dichloroethane	8.682	62	30946	4.981	ug/l	99
43) Isopropyl Acetate	8.700	43	62270	4.935	ug/l #	97
44) Trichloroethene	9.359	130	21128	5.010	ug/l	85
45) 1,2-Dichloropropane	9.629	63	24863	4.977	ug/l #	84
46) Dibromomethane	9.712	93	16751	5.152	ug/l	91
47) Bromodichloromethane	9.894	83	30506	4.977	ug/l	88
48) Methyl methacrylate	9.682	41	26758	4.850	ug/l	95
49) 1,4-Dioxane	9.694	88	12511	101.776	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	208321	24.609	ug/l	98
52) Toluene	10.635	92	58692	5.157	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	30072	4.604	ug/l #	89
54) cis-1,3-Dichloropropene	10.312	75	37082	5.145	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	24689	5.226	ug/l #	91
56) Ethyl methacrylate	10.876	69	37363	5.118	ug/l	98
57) 1,3-Dichloropropane	11.165	76	43054	5.215	ug/l #	86
58) 2-Chloroethyl Vinyl ether	10.165	63	69460	22.578	ug/l	97
59) 2-Hexanone	11.200	43	150063	24.093	ug/l	99
60) Dibromochloromethane	11.359	129	20492	4.431	ug/l	94
61) 1,2-Dibromoethane	11.470	107	21741	4.659	ug/l	96
64) Tetrachloroethene	11.100	164	17422	5.160	ug/l #	92
65) Chlorobenzene	11.894	112	61413	5.235	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	21540	4.857	ug/l	96
67) Ethyl Benzene	11.965	91	104226	5.145	ug/l	92
68) m/p-Xylenes	12.070	106	75644	9.692	ug/l	98
69) o-Xylene	12.406	106	38181	4.760	ug/l	83
70) Styrene	12.412	104	58877	4.885	ug/l	96
71) Bromoform	12.576	173	13326	4.388	ug/l #	84
73) Isopropylbenzene	12.700	105	96082	5.217	ug/l	97
74) N-amyl acetate	12.494	43	48950	5.314	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	39594	5.600	ug/l	96
76) 1,2,3-Trichloropropane	13.000	75	26739m	5.299	ug/l	
77) Bromobenzene	12.982	156	21506	5.341	ug/l	99
78) n-propylbenzene	13.035	91	109705	5.330	ug/l	100
79) 2-Chlorotoluene	13.129	91	61293	5.143	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	72018	4.911	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	9006	4.566	ug/l #	81
82) 4-Chlorotoluene	13.129	91	61293	5.143	ug/l	100
83) tert-Butylbenzene	13.435	119	70121	5.322	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	70728	5.037	ug/l	96
85) sec-Butylbenzene	13.617	105	93213	5.226	ug/l	96
86) p-Isopropyltoluene	13.729	119	65484	4.740	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	35596	5.024	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	36313	5.193	ug/l	93
89) n-Butylbenzene	14.059	91	49892	4.360	ug/l	95
90) Hexachloroethane	14.335	117	15263	5.026	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	33615	4.938	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.717	75	5822	4.808	ug/l	89
93) 1,2,4-Trichlorobenzene	15.400	180	17505	5.311	ug/l	96
94) Hexachlorobutadiene	15.500	225	8350	4.763	ug/l	91
95) Naphthalene	15.641	128	58354	4.537	ug/l	96
96) 1,2,3-Trichlorobenzene	15.847	180	18750	5.206	ug/l	96

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Acq On : 19 Oct 2022 15:20
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

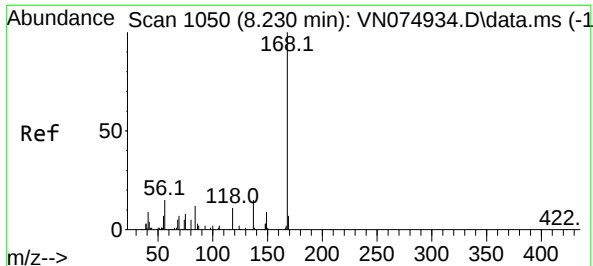
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

Quant Time: Oct 20 05:45:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101922W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 20 05:43:46 2022
Response via : Initial Calibration

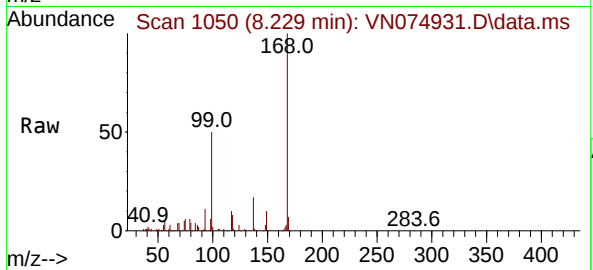
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN074931.D
Acq: 19 Oct 2022 15:20

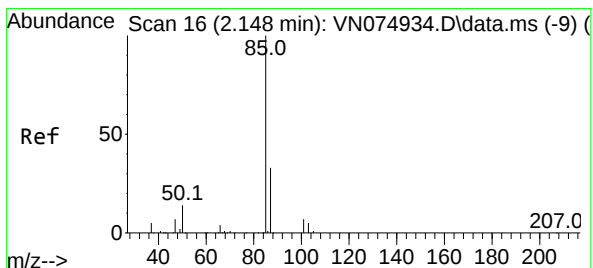
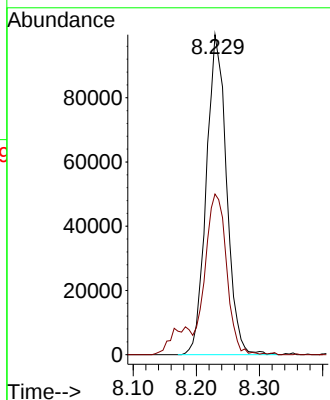
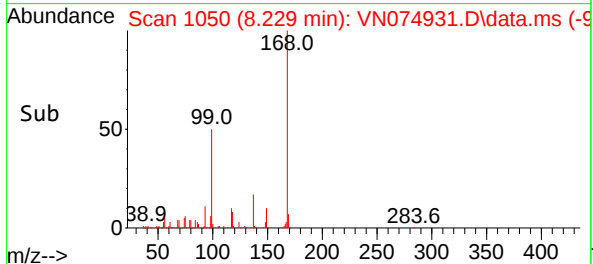
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion:168 Resp: 221590
Ion Ratio Lower Upper
168 100
99 50.2 39.9 59.9

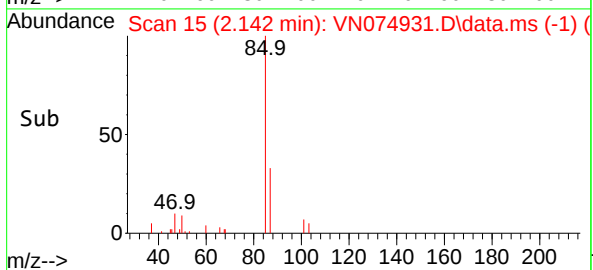
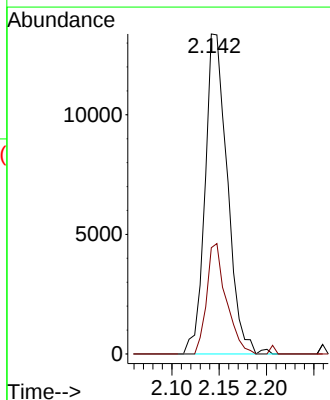
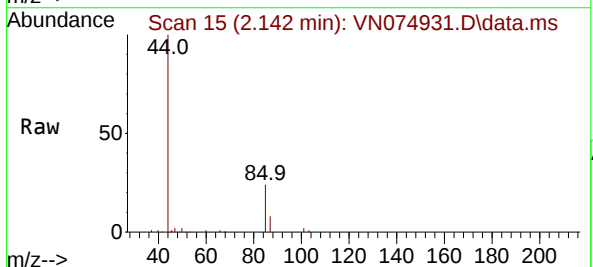
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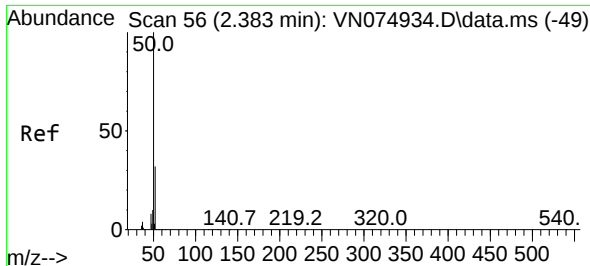
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#2
Dichlorodifluoromethane
Concen: 5.712 ug/l
RT: 2.142 min Scan# 15
Delta R.T. -0.006 min
Lab File: VN074931.D
Acq: 19 Oct 2022 15:20

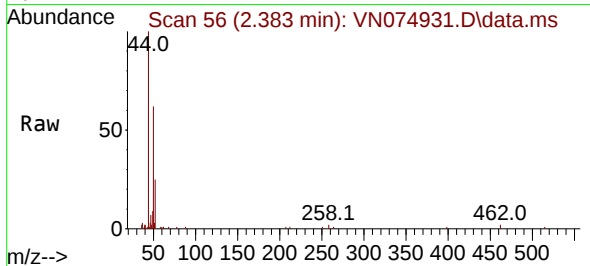
Tgt Ion: 85 Resp: 21898
Ion Ratio Lower Upper
85 100
87 33.2 16.4 49.4





#3
Chloromethane
Concen: 5.347 ug/l
RT: 2.383 min Scan# 50
Delta R.T. -0.000 min
Lab File: VN074931.D
Acq: 19 Oct 2022 15:20

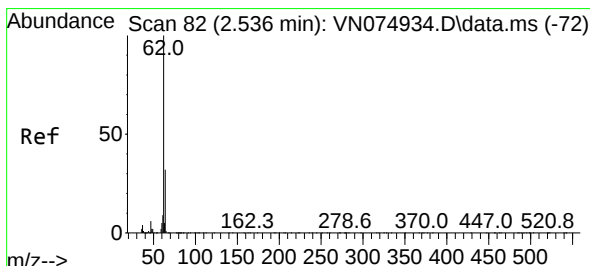
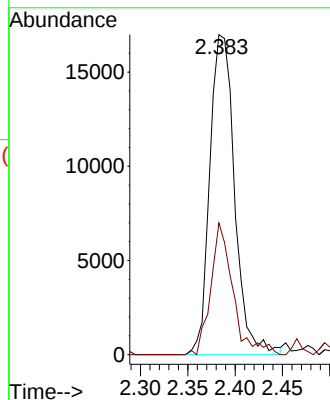
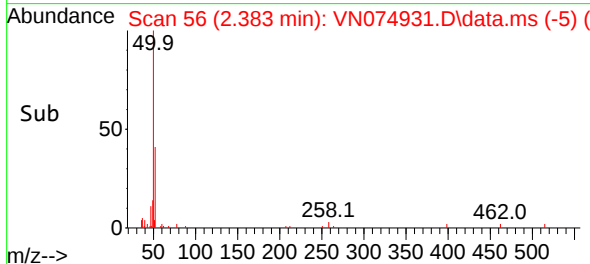
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 50 Resp: 3096
Ion Ratio Lower Upper
50 100
52 41.1 26.0 39.0

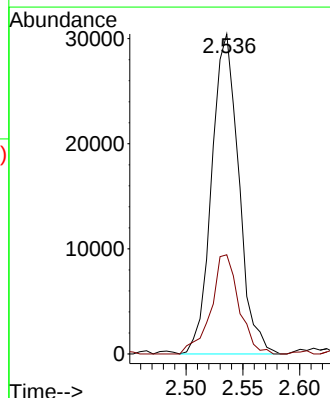
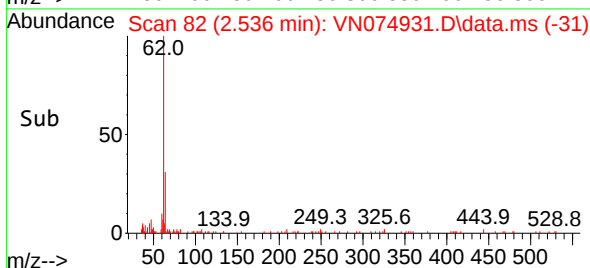
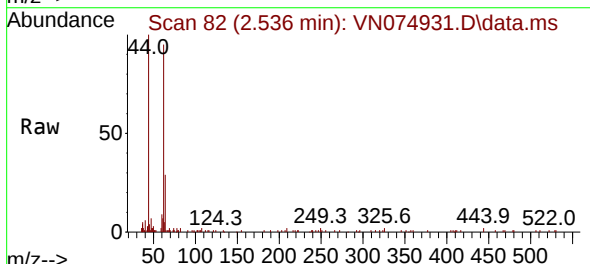
Manual Integrations
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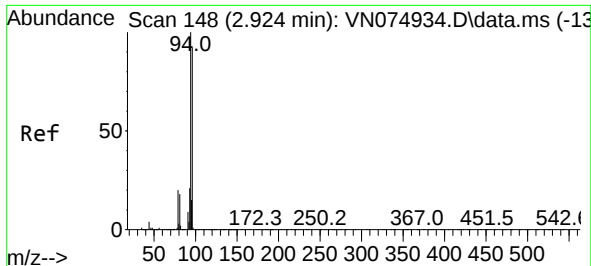
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#4
Vinyl Chloride
Concen: 5.489 ug/l
RT: 2.536 min Scan# 82
Delta R.T. -0.000 min
Lab File: VN074931.D
Acq: 19 Oct 2022 15:20

Tgt Ion: 62 Resp: 50543
Ion Ratio Lower Upper
62 100
64 31.0 25.4 38.2





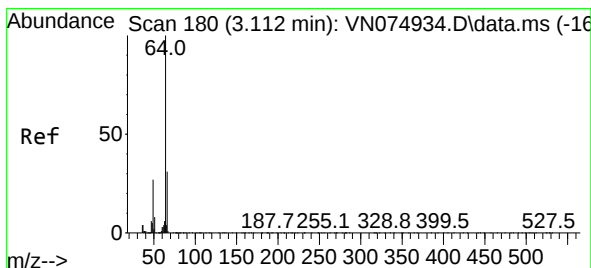
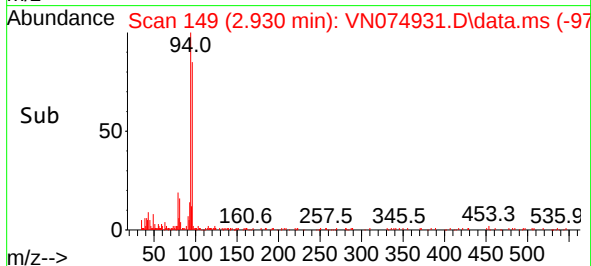
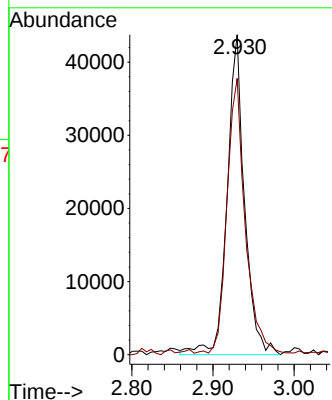
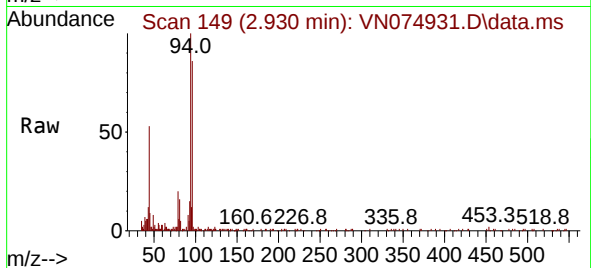
#5
Bromomethane
Concen: 7.030 ug/l
RT: 2.930 min Scan# 148
Delta R.T. 0.006 min
Lab File: VN074931.D
Acq: 19 Oct 2022 15:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 94 Resp: 65350
Ion Ratio Lower Upper
94 100
96 85.6 73.8 110.6

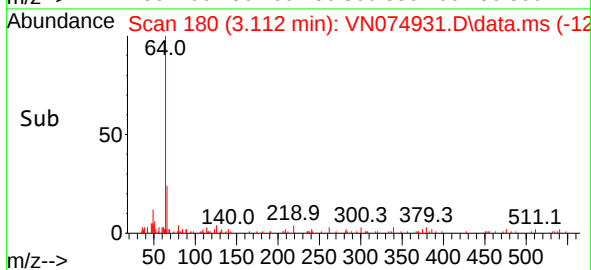
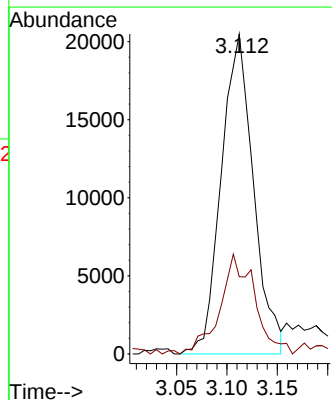
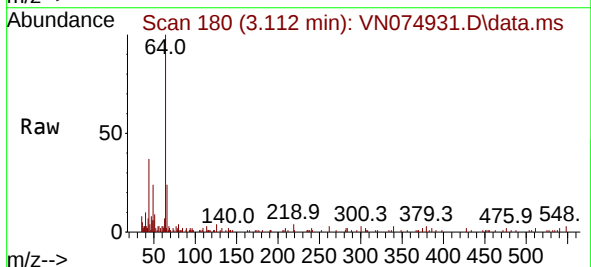
Manual Integrations
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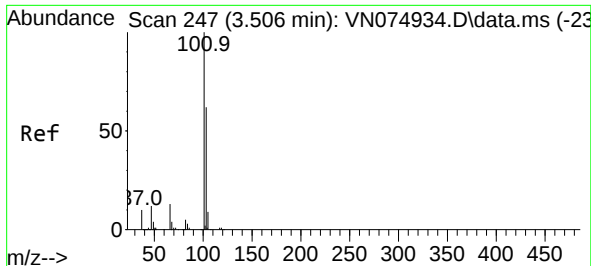
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#6
Chloroethane
Concen: 5.010 ug/l m
RT: 3.112 min Scan# 180
Delta R.T. -0.000 min
Lab File: VN074931.D
Acq: 19 Oct 2022 15:20

Tgt Ion: 64 Resp: 45635
Ion Ratio Lower Upper
64 100
66 24.1 24.9 37.3#





#7

Trichlorofluoromethane

Concen: 5.712 ug/l

RT: 3.500 min Scan# 247

Delta R.T. -0.006 min

Lab File: VN074931.D

Acq: 19 Oct 2022 15:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion:101 Resp: 34550

Ion Ratio Lower Upper

101 100

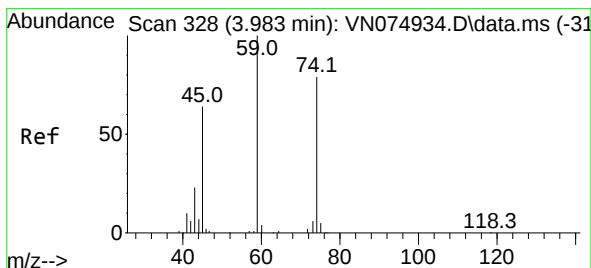
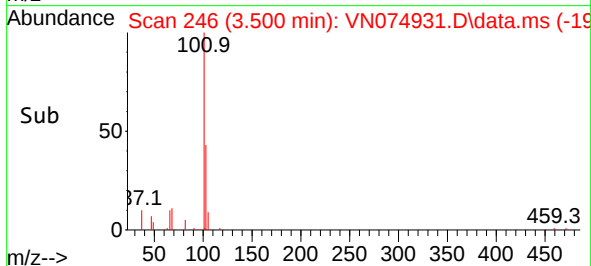
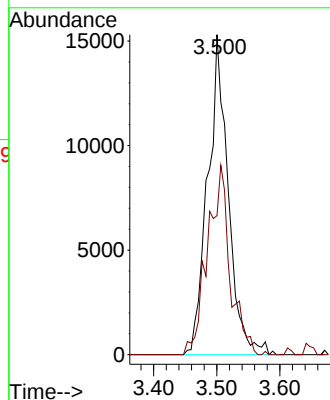
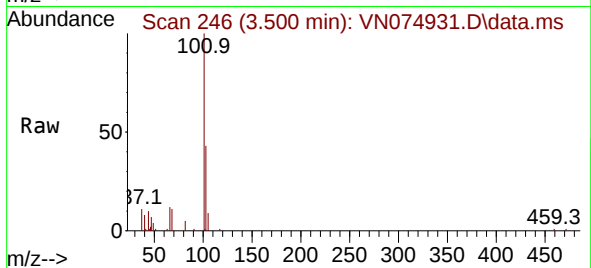
103 43.4 49.5 74.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#8

Diethyl Ether

Concen: 5.219 ug/l m

RT: 3.983 min Scan# 328

Delta R.T. -0.000 min

Lab File: VN074931.D

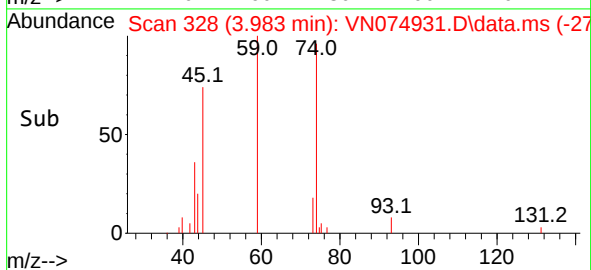
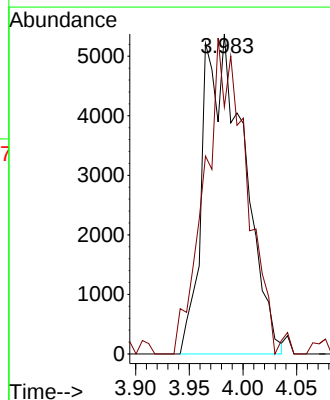
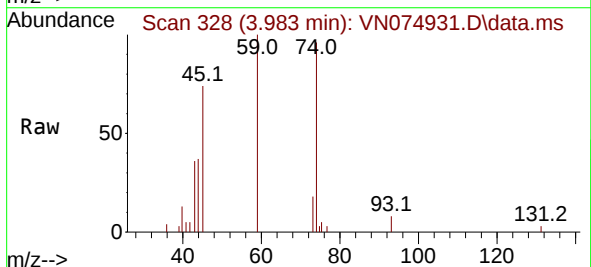
Acq: 19 Oct 2022 15:20

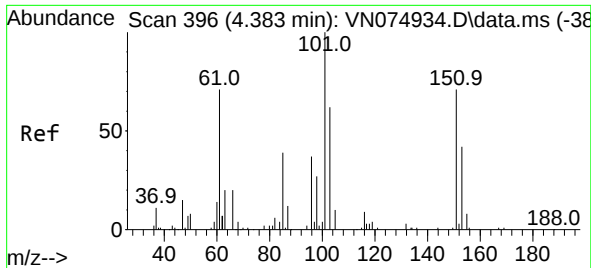
Tgt Ion: 74 Resp: 14471

Ion Ratio Lower Upper

74 100

45 98.9 46.8 140.3





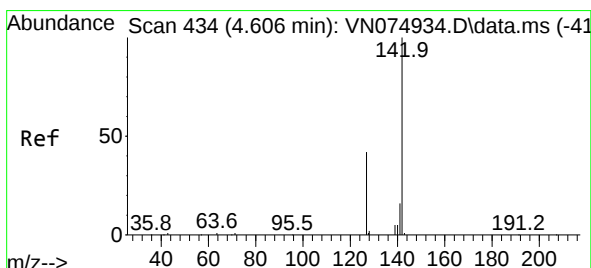
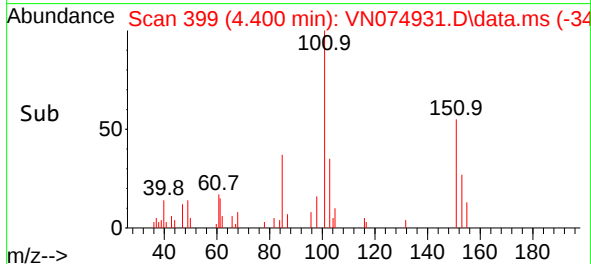
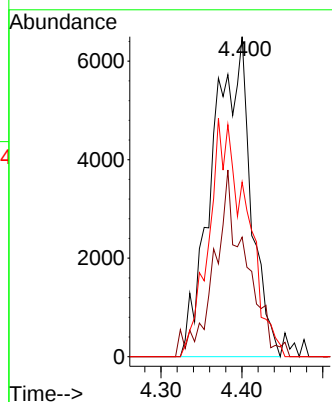
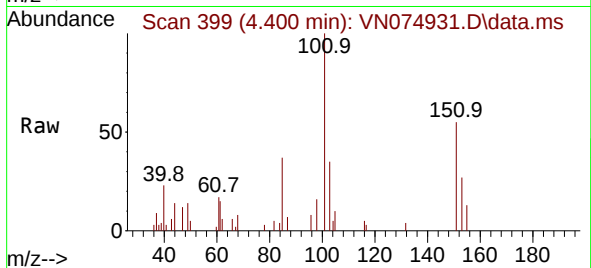
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.674 ug/l m
RT: 4.400 min Scan# 396
Delta R.T. 0.018 min
Lab File: VN074931.D
Acq: 19 Oct 2022 15:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 21490
Ion Ratio Lower Upper
101 100
85 47.7 37.4 56.0
151 73.2 58.0 87.0

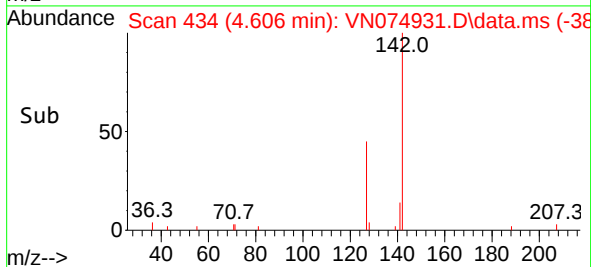
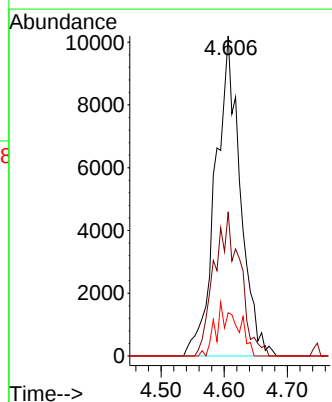
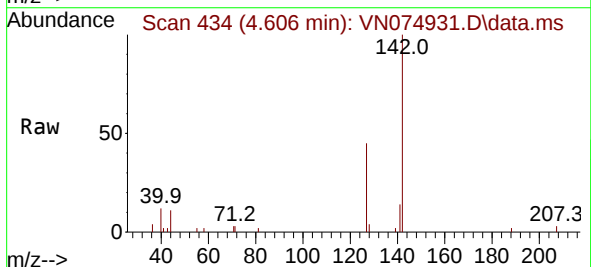
Manual Integrations
APPROVED

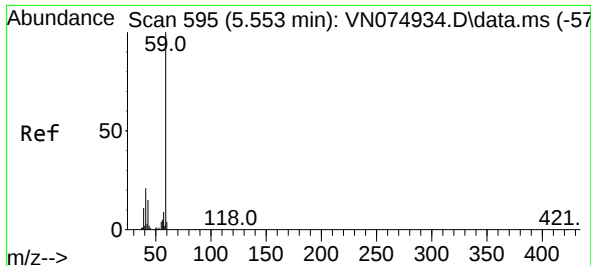
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#10
Methyl Iodide
Concen: 5.535 ug/l
RT: 4.606 min Scan# 434
Delta R.T. -0.000 min
Lab File: VN074931.D
Acq: 19 Oct 2022 15:20

Tgt Ion:142 Resp: 27943
Ion Ratio Lower Upper
142 100
127 47.0 35.3 52.9
141 14.3 12.3 18.5





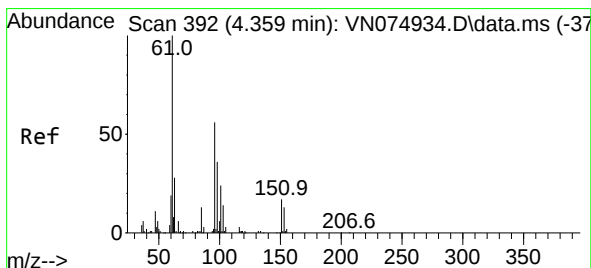
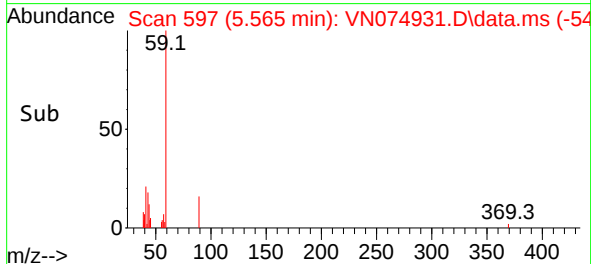
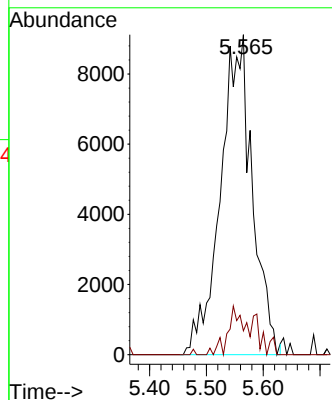
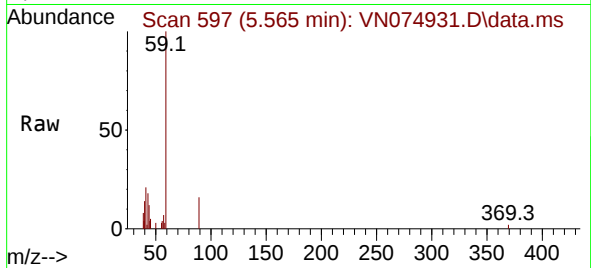
#11
Tert butyl alcohol
Concen: 28.453 ug/l
RT: 5.565 min Scan# 595
Delta R.T. 0.012 min
Lab File: VN074931.D
Acq: 19 Oct 2022 15:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 59 Resp: 35269
Ion Ratio Lower Upper
59 100
57 7.8 8.6 13.0

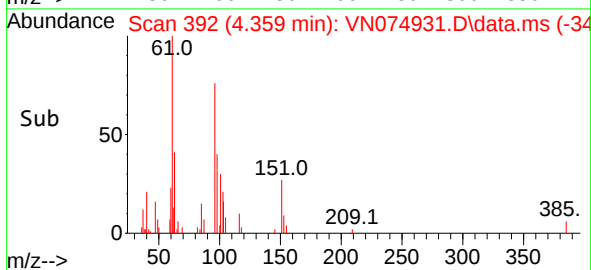
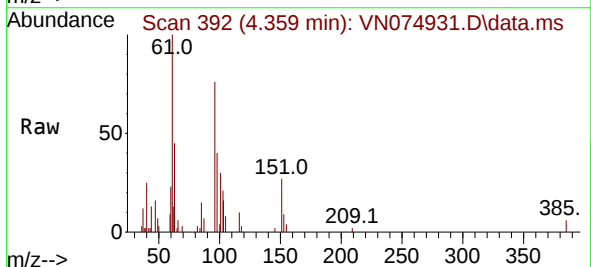
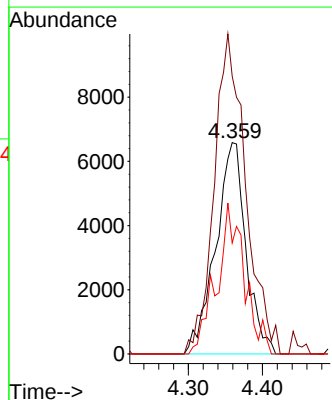
Manual Integrations
APPROVED

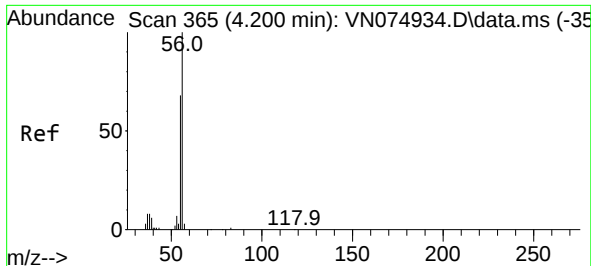
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#12
1,1-Dichloroethene
Concen: 5.400 ug/l
RT: 4.359 min Scan# 392
Delta R.T. -0.000 min
Lab File: VN074931.D
Acq: 19 Oct 2022 15:20

Tgt Ion: 96 Resp: 18700
Ion Ratio Lower Upper
96 100
61 131.5 142.9 214.3#
98 52.5 51.8 77.6





#13

Acrolein

Concen: 30.081 ug/l

RT: 4.212 min Scan# 365

Delta R.T. 0.012 min

Lab File: VN074931.D

Acq: 19 Oct 2022 15:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 56 Resp: 2730

Ion Ratio Lower Upper

56 100

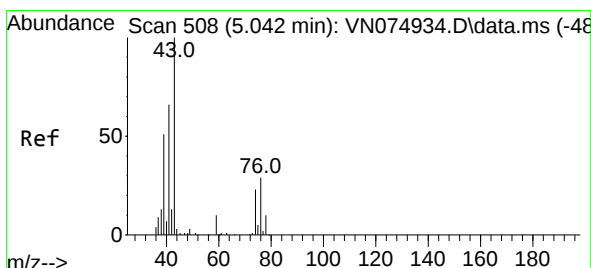
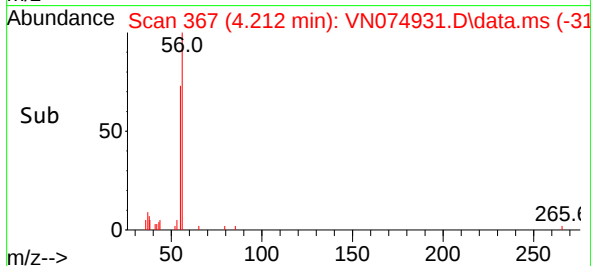
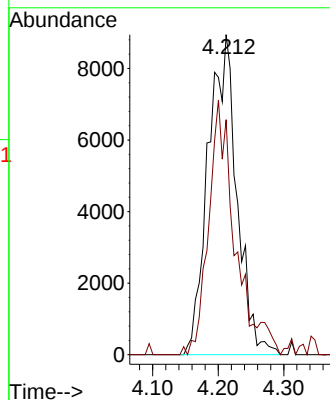
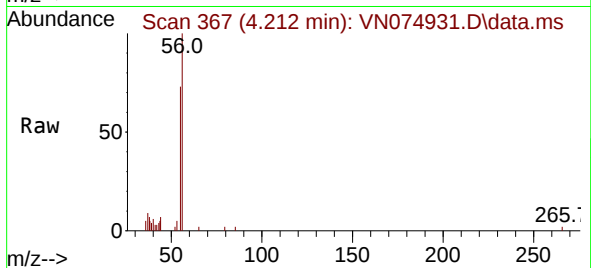
55 68.9 57.0 85.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#14

Allyl chloride

Concen: 5.070 ug/l m

RT: 5.041 min Scan# 508

Delta R.T. -0.000 min

Lab File: VN074931.D

Acq: 19 Oct 2022 15:20

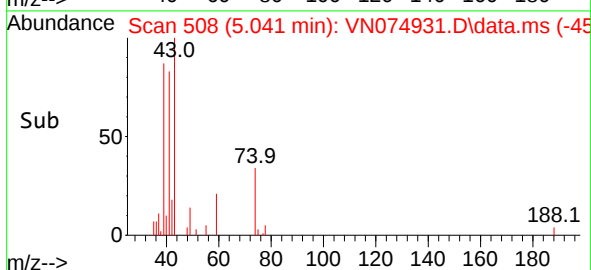
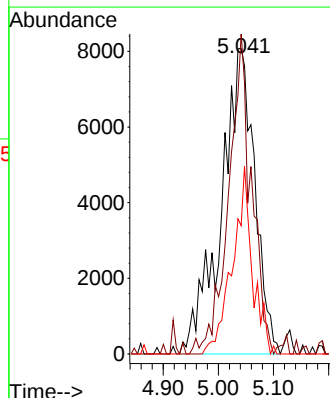
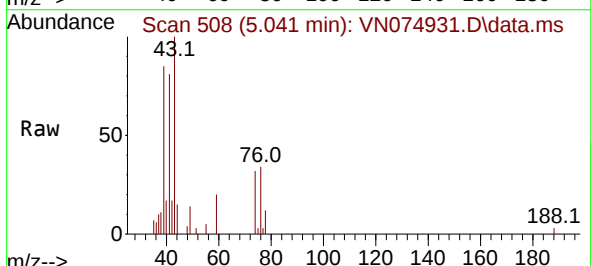
Tgt Ion: 41 Resp: 34201

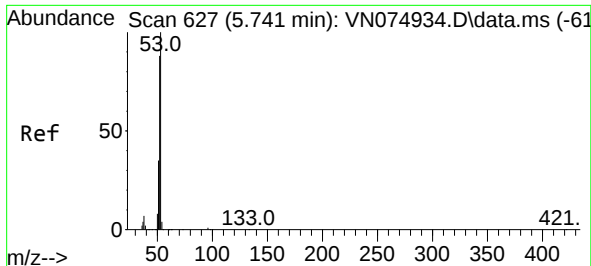
Ion Ratio Lower Upper

41 100

39 70.5 56.9 85.3

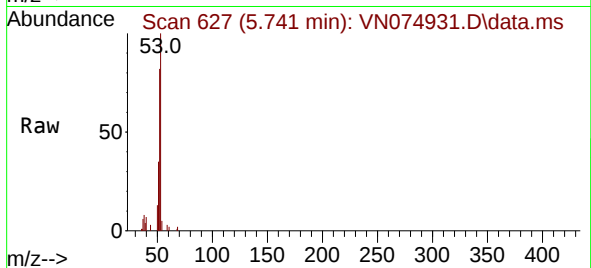
76 36.3 29.0 43.6





#15
Acrylonitrile
Concen: 24.959 ug/l
RT: 5.741 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN074931.D
Acq: 19 Oct 2022 15:20

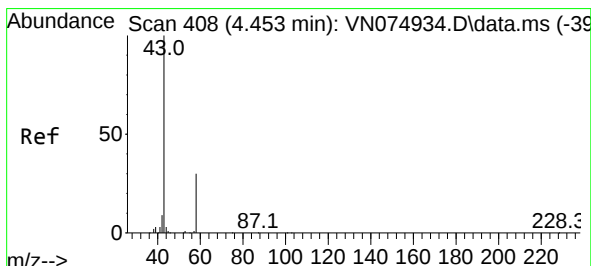
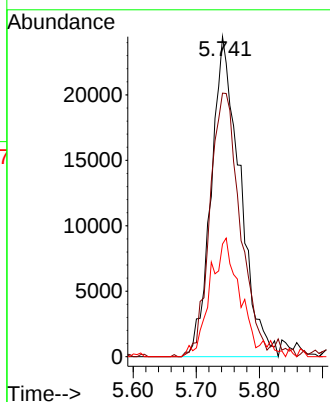
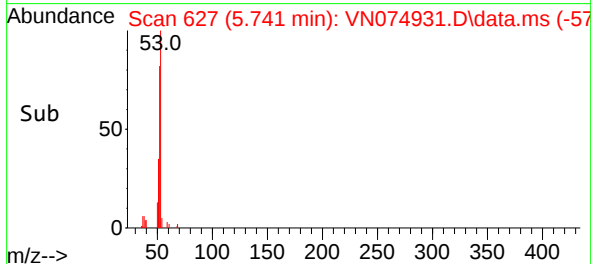
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 53 Resp: 77170
Ion Ratio Lower Upper
53 100
52 85.9 66.5 99.7
51 37.8 29.2 43.8

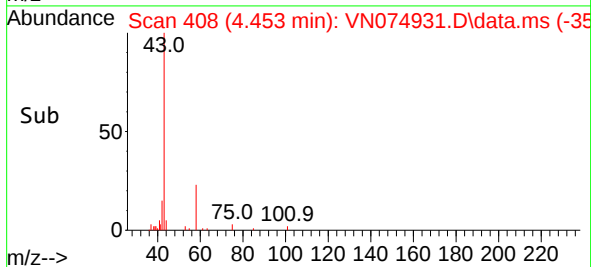
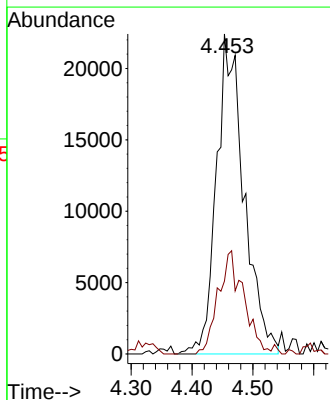
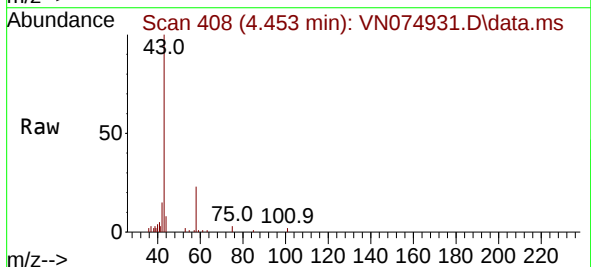
Manual Integrations
APPROVED

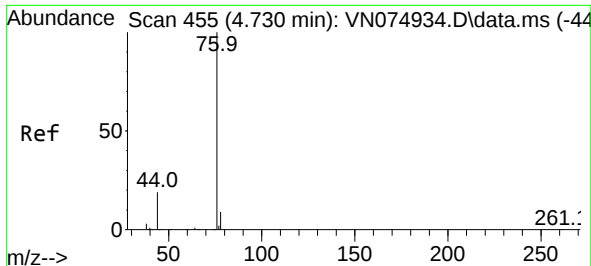
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#16
Acetone
Concen: 26.240 ug/l
RT: 4.453 min Scan# 408
Delta R.T. -0.000 min
Lab File: VN074931.D
Acq: 19 Oct 2022 15:20

Tgt Ion: 43 Resp: 70151
Ion Ratio Lower Upper
43 100
58 22.8 24.5 36.7#





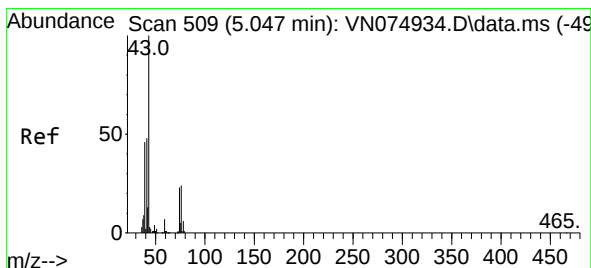
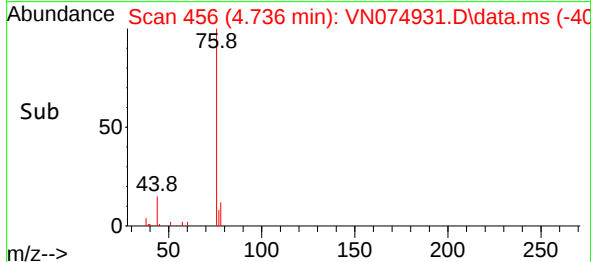
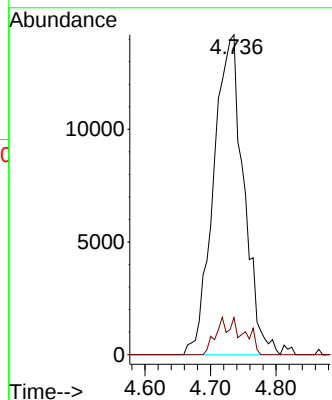
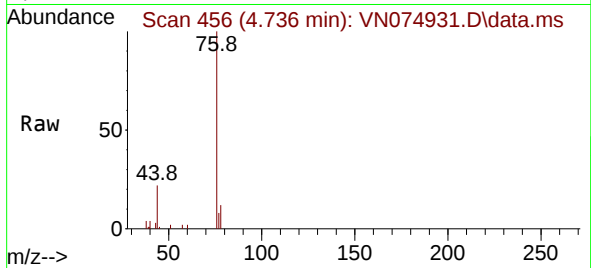
#17
Carbon Disulfide
Concen: 5.621 ug/l
RT: 4.736 min Scan# 455
Delta R.T. 0.006 min
Lab File: VN074931.D
Acq: 19 Oct 2022 15:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 45238
Ion Ratio Lower Upper
76 100
78 11.6 7.2 10.8

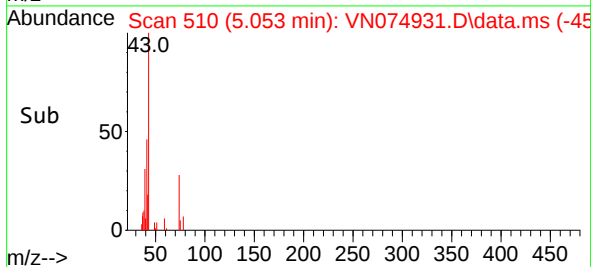
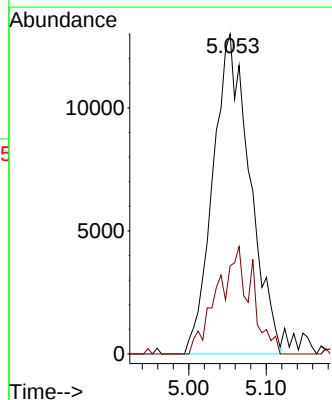
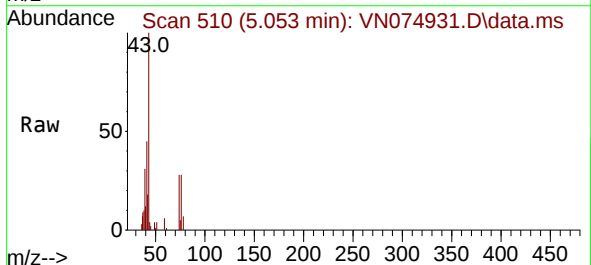
Manual Integrations
APPROVED

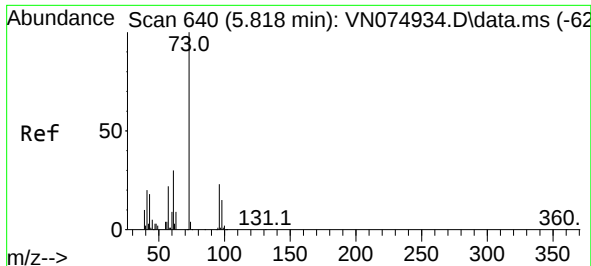
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#18
Methyl Acetate
Concen: 4.520 ug/l
RT: 5.053 min Scan# 510
Delta R.T. 0.006 min
Lab File: VN074931.D
Acq: 19 Oct 2022 15:20

Tgt Ion: 43 Resp: 42860
Ion Ratio Lower Upper
43 100
74 31.5 18.4 27.6





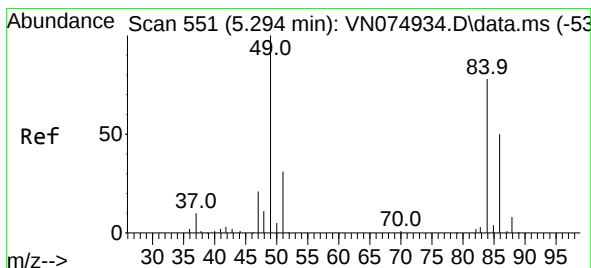
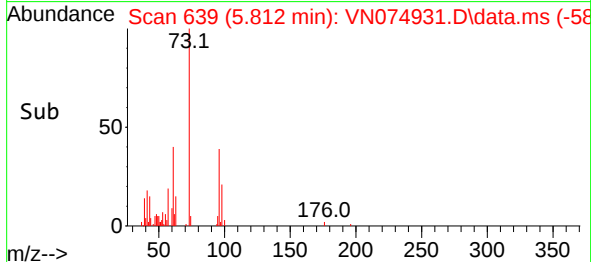
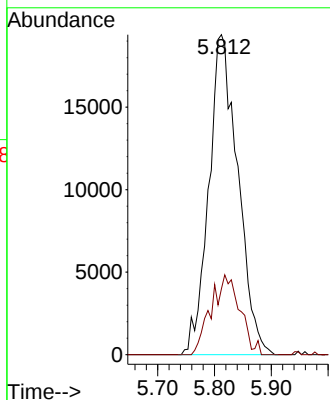
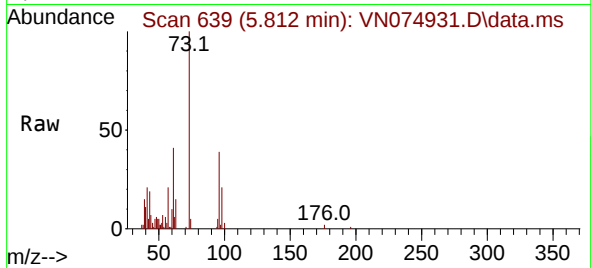
#19
Methyl tert-butyl Ether
Concen: 5.104 ug/l
RT: 5.812 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN074931.D
Acq: 19 Oct 2022 15:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 69000
Ion Ratio Lower Upper
73 100
57 20.6 17.7 26.5

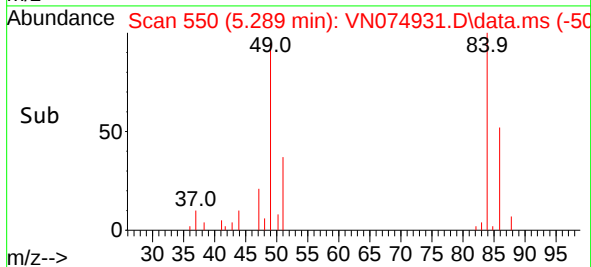
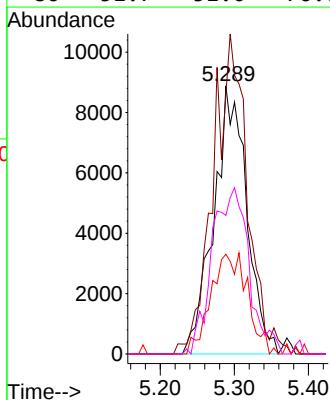
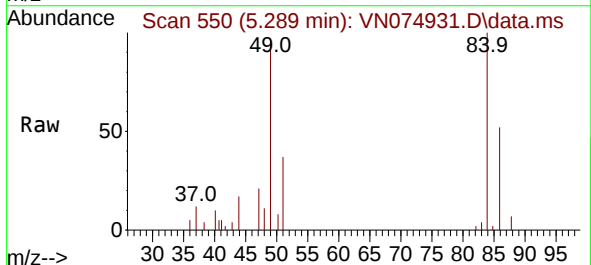
Manual Integrations
APPROVED

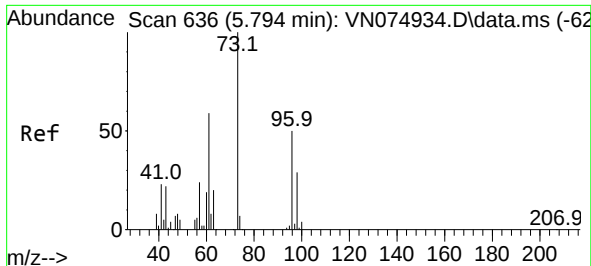
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#20
Methylene Chloride
Concen: 5.168 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.006 min
Lab File: VN074931.D
Acq: 19 Oct 2022 15:20

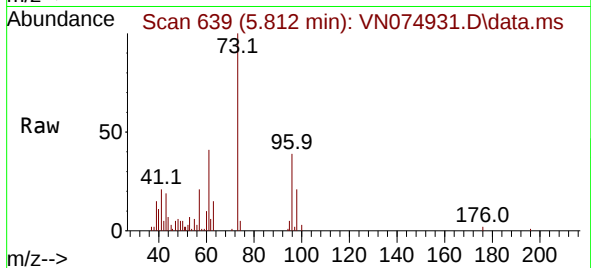
Tgt Ion: 84 Resp: 27441
Ion Ratio Lower Upper
84 100
49 92.9 102.1 153.1#
51 37.2 32.1 48.1
86 51.7 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 5.595 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.018 min
Lab File: VN074931.D
Acq: 19 Oct 2022 15:20

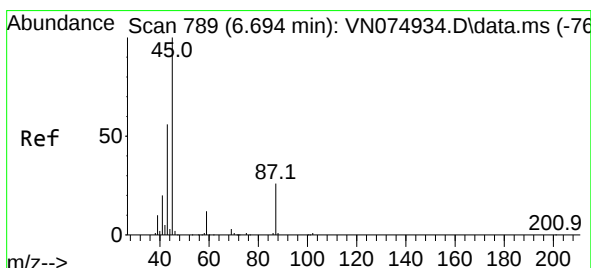
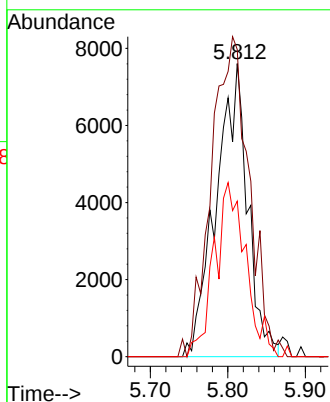
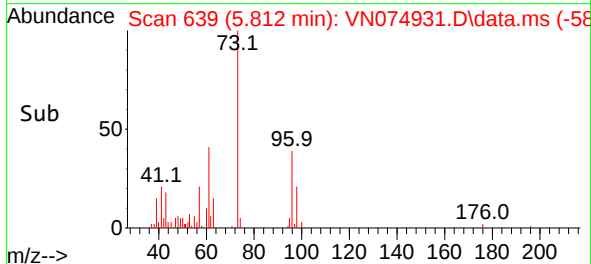
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 96 Resp: 2159
Ion Ratio Lower Upper
96 100
61 104.8 95.8 143.8
98 53.1 47.4 71.0

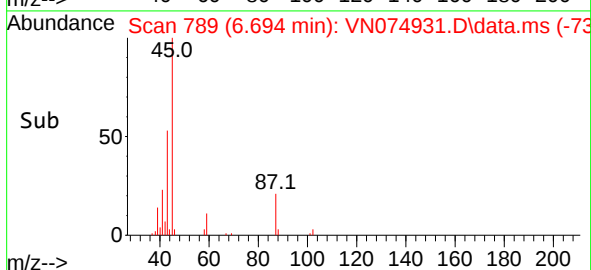
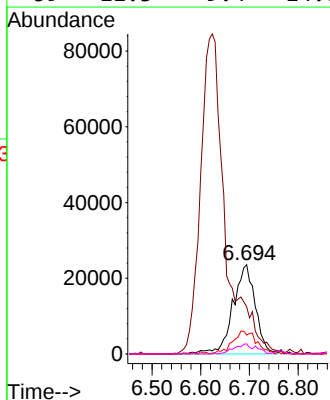
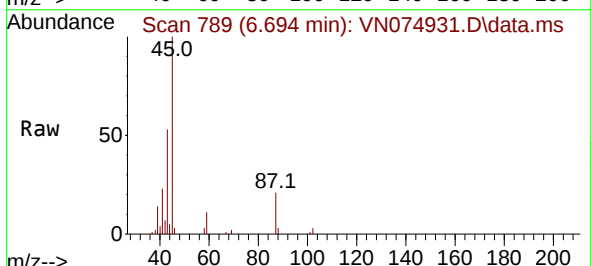
Manual Integrations
APPROVED

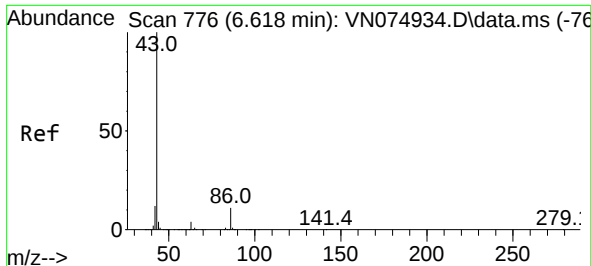
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#22
Diisopropyl ether
Concen: 5.126 ug/l
RT: 6.694 min Scan# 789
Delta R.T. -0.000 min
Lab File: VN074931.D
Acq: 19 Oct 2022 15:20

Tgt Ion: 45 Resp: 75083
Ion Ratio Lower Upper
45 100
43 51.8 44.5 66.7
87 21.1 20.8 31.2
59 11.3 9.4 14.0





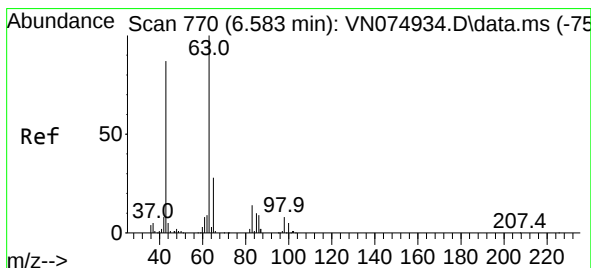
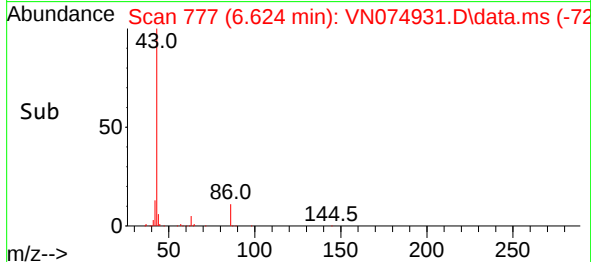
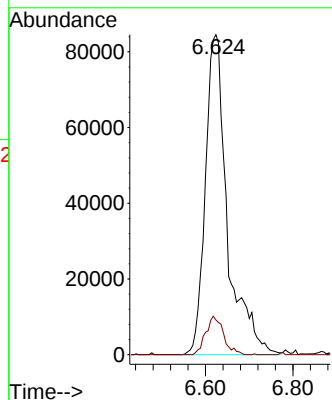
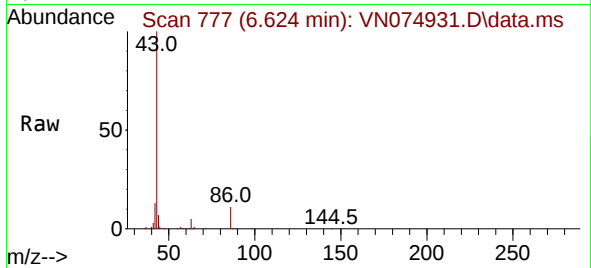
#23
 Vinyl Acetate
 Concen: 26.839 ug/l
 RT: 6.624 min Scan# 776
 Delta R.T. 0.006 min
 Lab File: VN074931.D
 Acq: 19 Oct 2022 15:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 43 Resp: 297519
 Ion Ratio Lower Upper
 43 100
 86 10.9 9.0 13.4

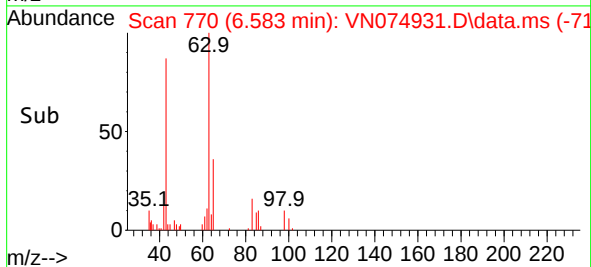
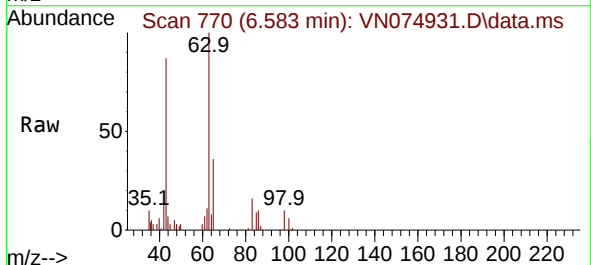
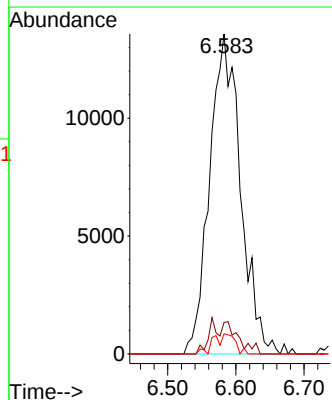
Manual Integrations
 APPROVED

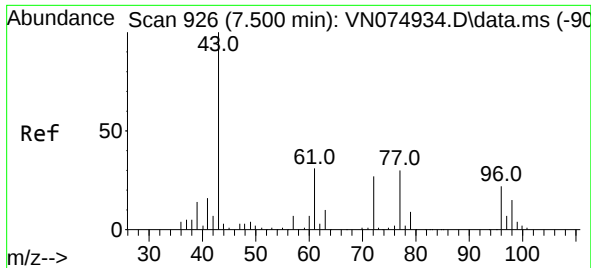
Reviewed By :John Carlone 10/20/2022
 Supervised By :Mahesh Dadoda 10/20/2022



#24
 1,1-Dichloroethane
 Concen: 5.280 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VN074931.D
 Acq: 19 Oct 2022 15:20

Tgt Ion: 63 Resp: 42823
 Ion Ratio Lower Upper
 63 100
 98 9.8 3.9 11.5
 100 6.3 2.6 7.8





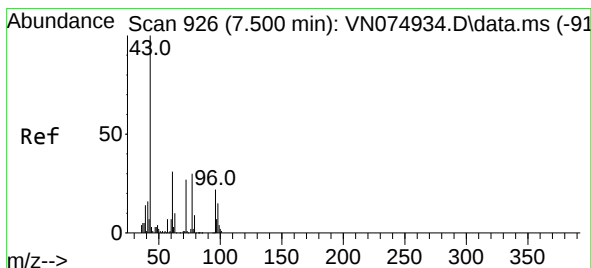
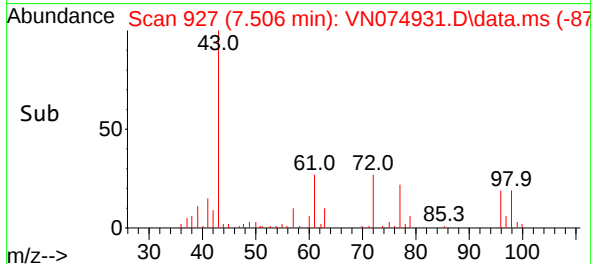
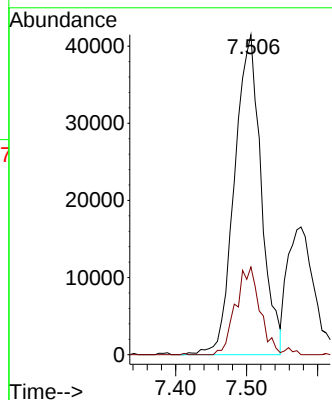
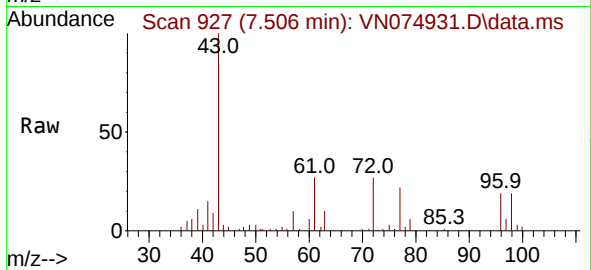
#25
2-Butanone
Concen: 24.892 ug/l
RT: 7.506 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN074931.D
Acq: 19 Oct 2022 15:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 108070
Ion Ratio Lower Upper
43 100
72 27.6 21.6 32.4

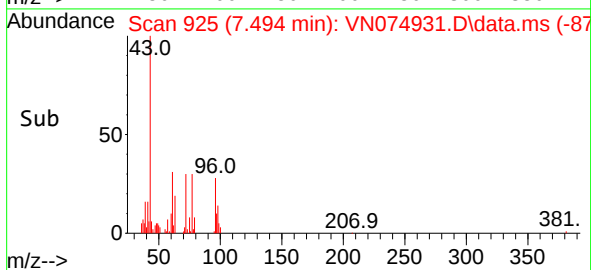
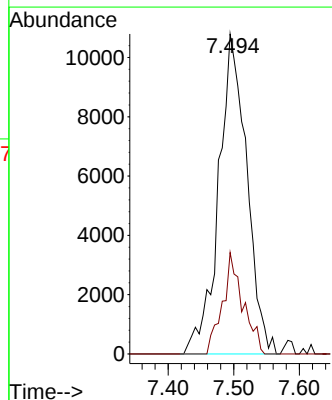
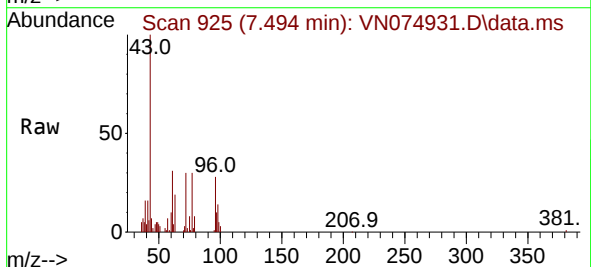
Manual Integrations
APPROVED

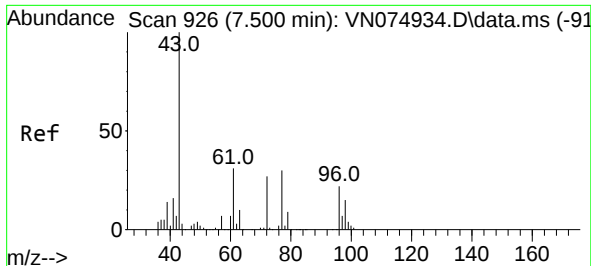
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#26
2,2-Dichloropropane
Concen: 4.772 ug/l
RT: 7.494 min Scan# 925
Delta R.T. -0.006 min
Lab File: VN074931.D
Acq: 19 Oct 2022 15:20

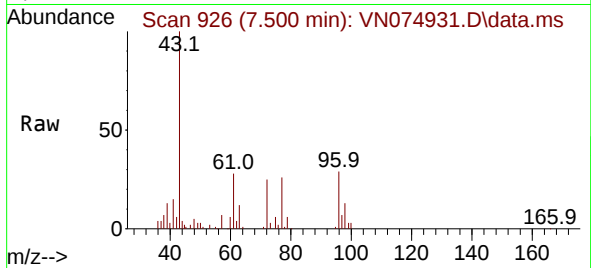
Tgt Ion: 77 Resp: 32195
Ion Ratio Lower Upper
77 100
97 23.0 11.8 35.3





#27
 cis-1,2-Dichloroethene
 Concen: 5.230 ug/l
 RT: 7.500 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VN074931.D
 Acq: 19 Oct 2022 15:20

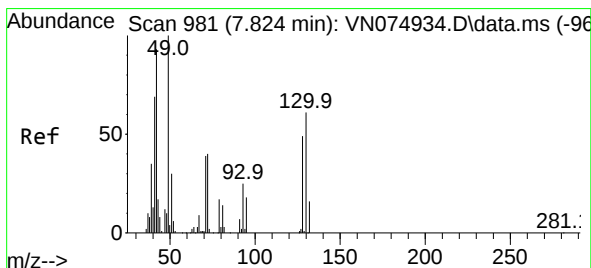
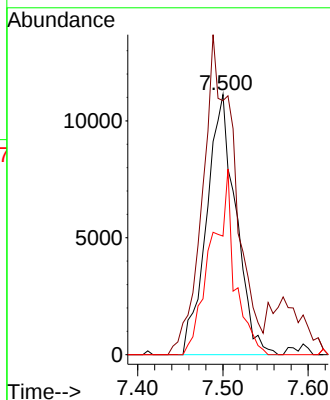
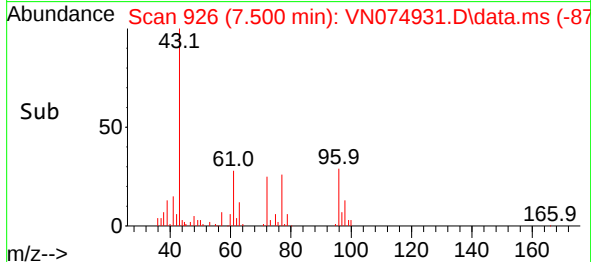
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



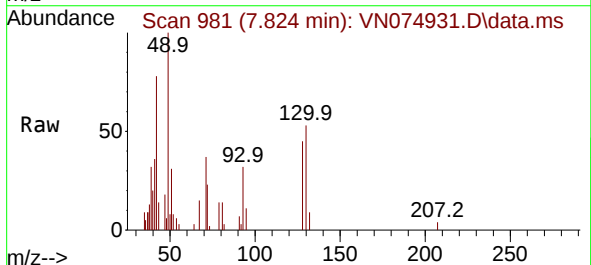
Tgt Ion: 96 Resp: 2665
 Ion Ratio Lower Upper
 96 100
 61 134.4 0.0 274.0
 98 57.6 0.0 126.8

Manual Integrations
 APPROVED

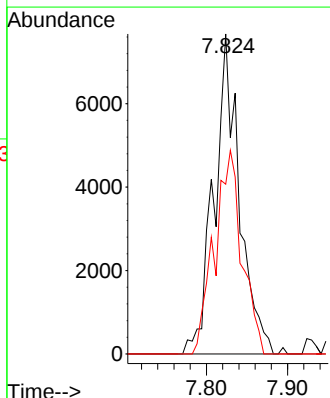
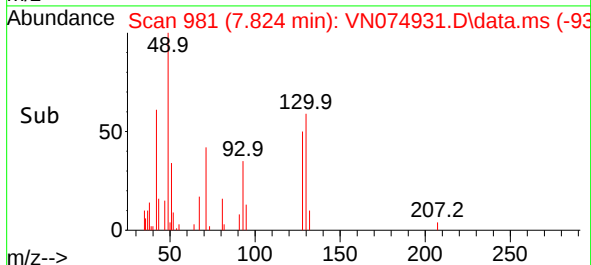
Reviewed By :John Carbone 10/20/2022
 Supervised By :Mahesh Dadoda 10/20/2022

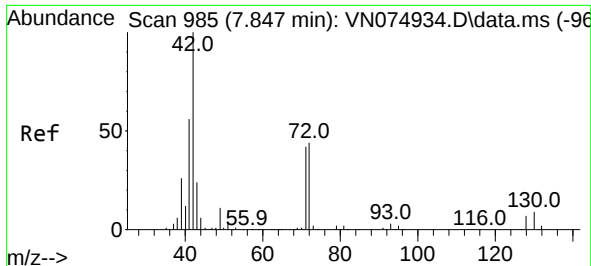


#28
 Bromochloromethane
 Concen: 4.607 ug/l
 RT: 7.824 min Scan# 981
 Delta R.T. -0.000 min
 Lab File: VN074931.D
 Acq: 19 Oct 2022 15:20



Tgt Ion: 49 Resp: 16601
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.2
 130 68.9 54.7 82.1





#29

Tetrahydrofuran

Concen: 25.040 ug/l

RT: 7.853 min Scan# 985

Delta R.T. 0.006 min

Lab File: VN074931.D

Acq: 19 Oct 2022 15:20

Instrument :

MSVOA_N

ClientSampleId :

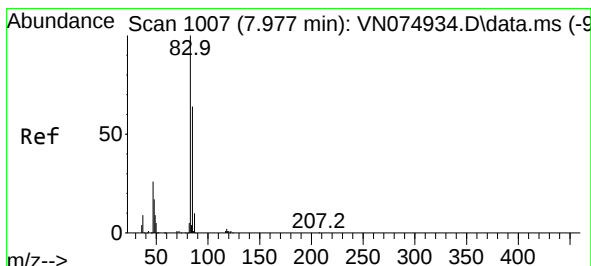
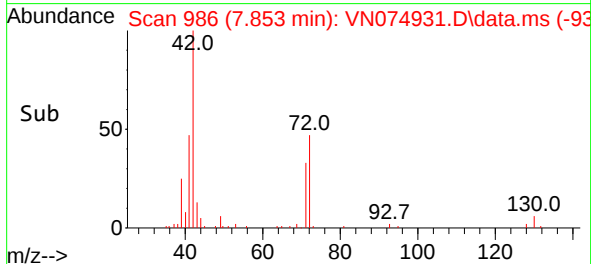
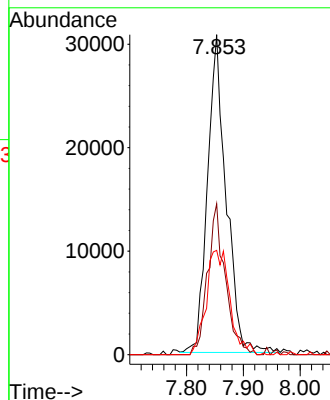
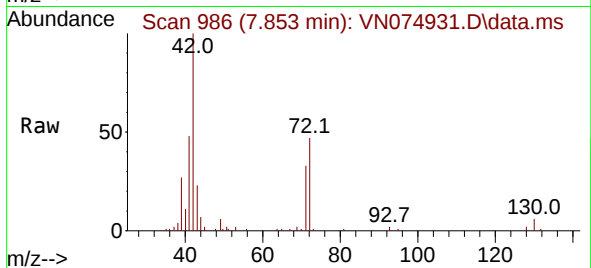
VSTDIC005

Tgt Ion: 42 Resp: 70070
 Ion Ratio Lower Upper
 42 100
 72 44.7 35.3 52.9
 71 41.7 32.2 48.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022
 Supervised By :Mahesh Dadoda 10/20/2022



#30

Chloroform

Concen: 5.091 ug/l

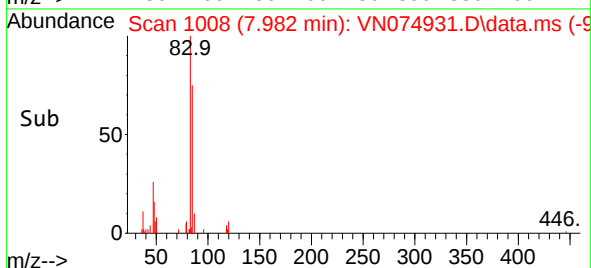
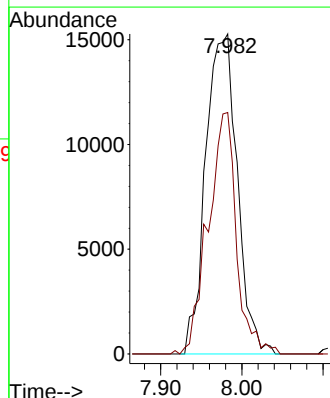
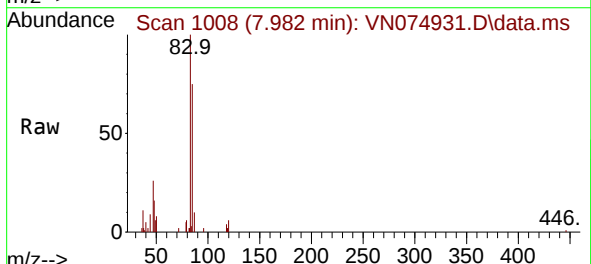
RT: 7.982 min Scan# 1008

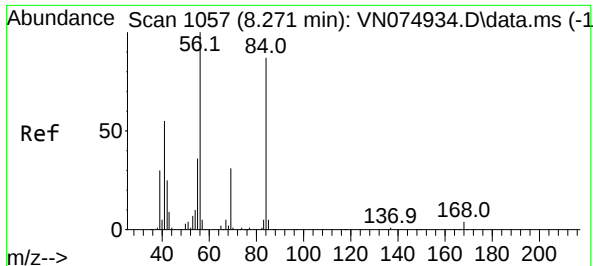
Delta R.T. 0.006 min

Lab File: VN074931.D

Acq: 19 Oct 2022 15:20

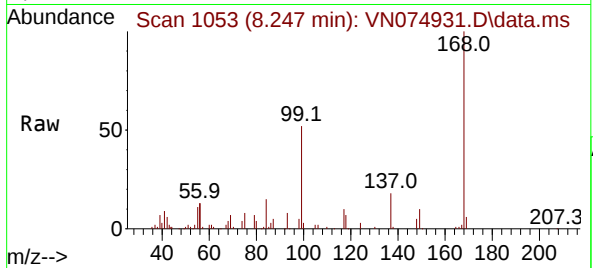
Tgt Ion: 83 Resp: 41301
 Ion Ratio Lower Upper
 83 100
 85 75.5 51.4 77.2





#31
Cyclohexane
Concen: 6.303 ug/l
RT: 8.247 min Scan# 1053
Delta R.T. -0.024 min
Lab File: VN074931.D
Acq: 19 Oct 2022 15:20

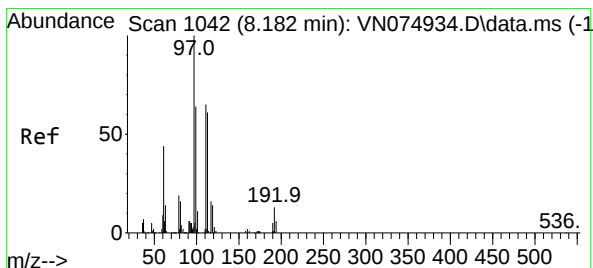
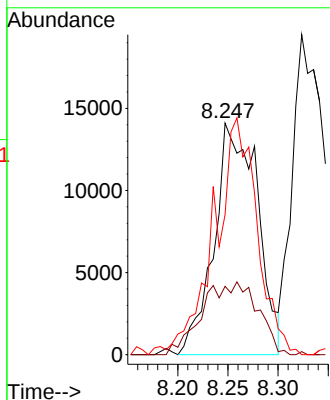
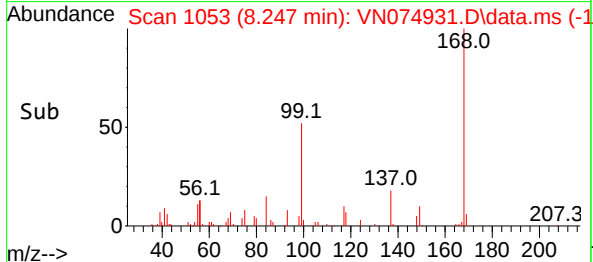
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 56 Resp: 42474
Ion Ratio Lower Upper
56 100
69 28.3 24.9 37.3
84 51.6 69.8 104.8

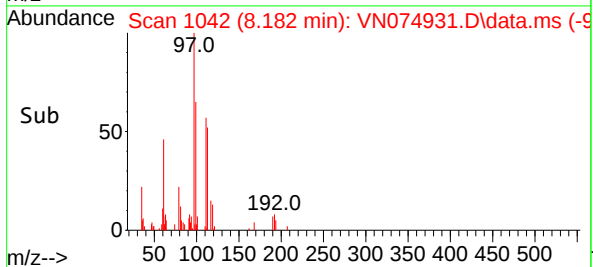
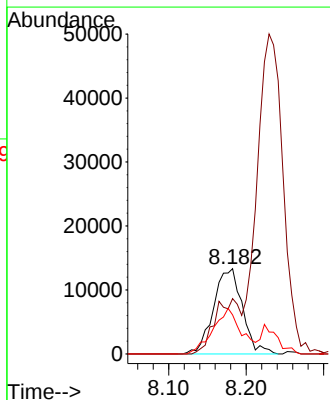
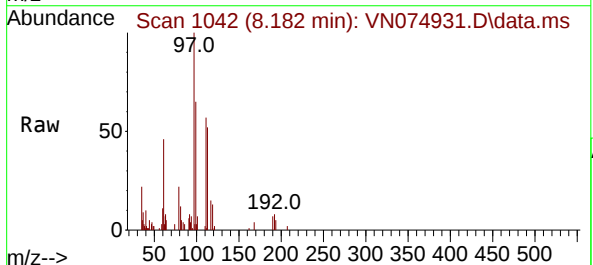
Manual Integrations
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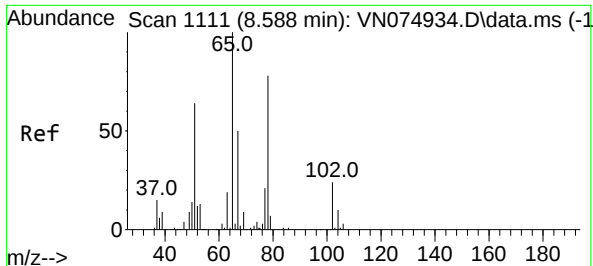
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#32
1,1,1-Trichloroethane
Concen: 5.042 ug/l
RT: 8.182 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074931.D
Acq: 19 Oct 2022 15:20

Tgt Ion: 97 Resp: 34633
Ion Ratio Lower Upper
97 100
99 57.3 50.6 76.0
61 51.9 39.1 58.7





#33

1,2-Dichloroethane-d4

Concen: 5.673 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. -0.000 min

Lab File: VN074931.D

Acq: 19 Oct 2022 15:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 65 Resp: 2983

Ion Ratio Lower Upper

65 100

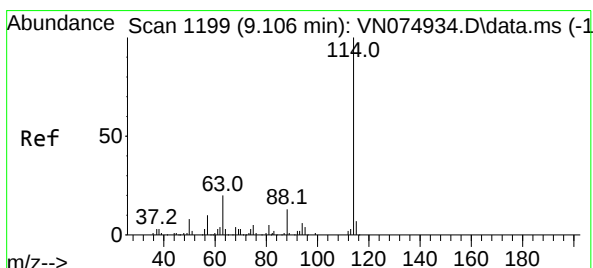
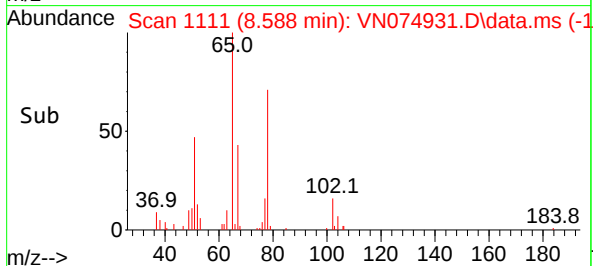
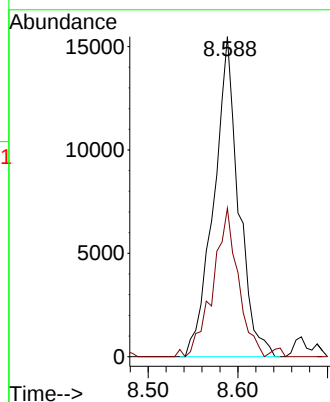
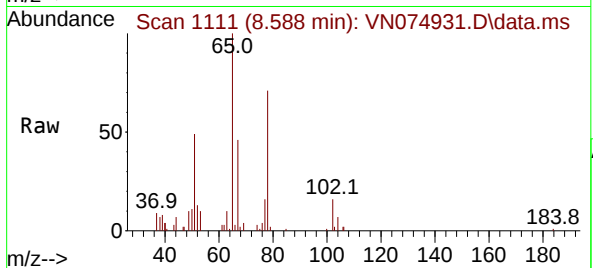
67 47.0 0.0 109.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN074931.D

Acq: 19 Oct 2022 15:20

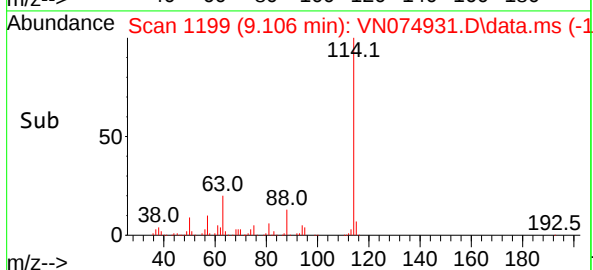
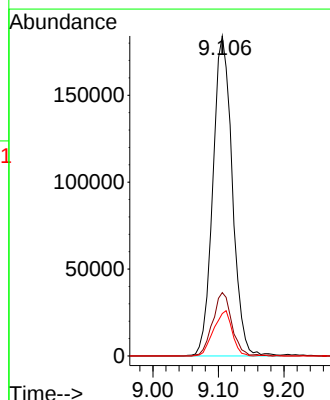
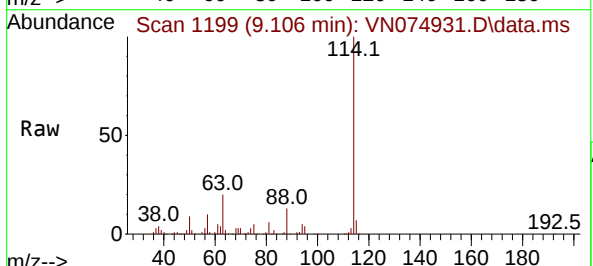
Tgt Ion:114 Resp: 377492

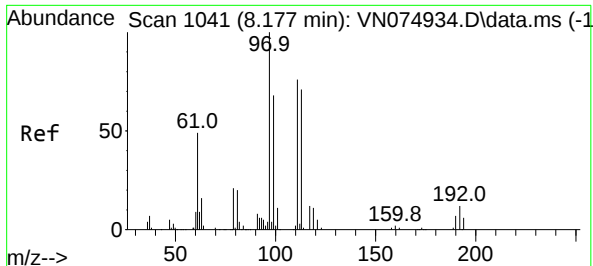
Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.4

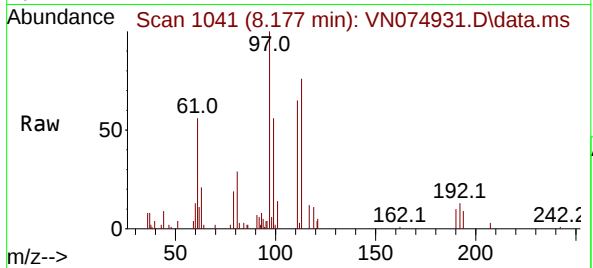
88 13.3 0.0 26.6





#35
Dibromofluoromethane
Concen: 5.354 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VN074931.D
Acq: 19 Oct 2022 15:20

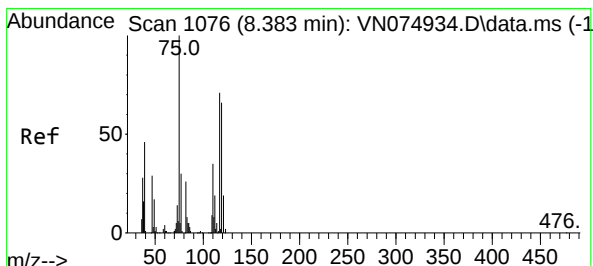
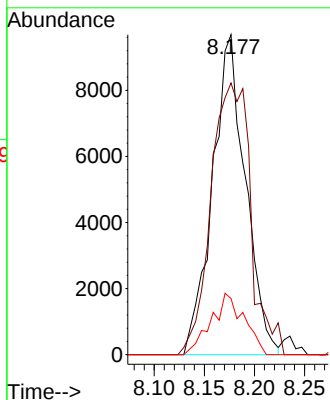
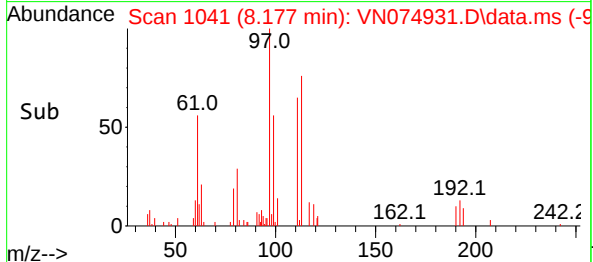
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



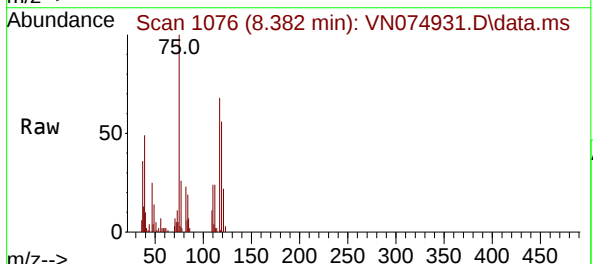
Tgt Ion: 113 Resp: 22160
Ion Ratio Lower Upper
113 100
111 101.9 83.8 125.8
192 19.2 14.6 21.8

Manual Integrations
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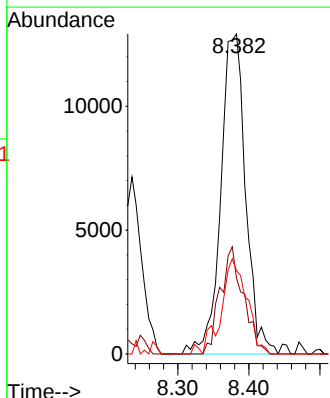
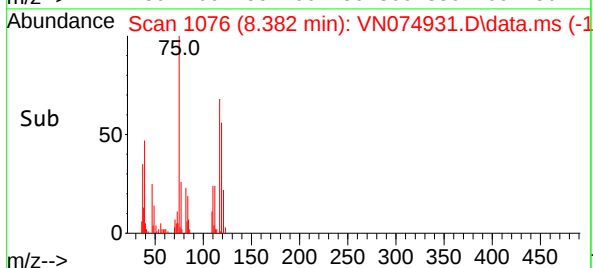
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

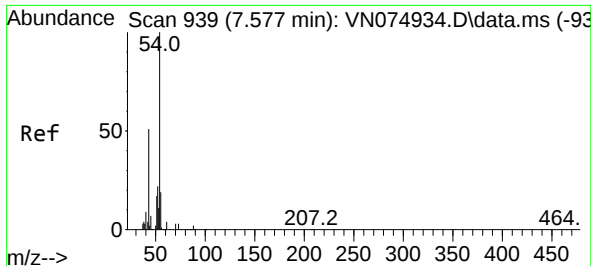


#36
1,1-Dichloropropene
Concen: 5.553 ug/l
RT: 8.382 min Scan# 1076
Delta R.T. -0.000 min
Lab File: VN074931.D
Acq: 19 Oct 2022 15:20



Tgt Ion: 75 Resp: 31379
Ion Ratio Lower Upper
75 100
110 31.2 18.1 54.1
77 30.9 25.1 37.7





#37

Ethyl Acetate

Concen: 4.941 ug/l

RT: 7.577 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN074931.D

Acq: 19 Oct 2022 15:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

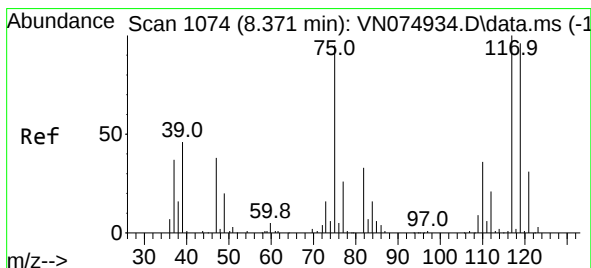
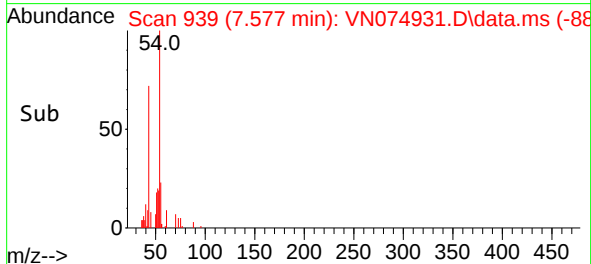
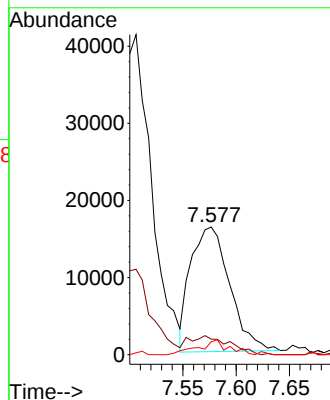
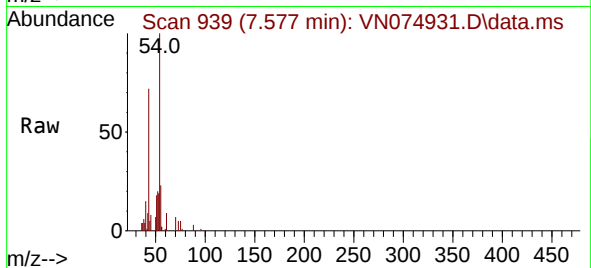
Tgt Ion: 43 Resp: 41270
 Ion Ratio Lower Upper
 43 100
 61 15.8 10.3 15.5
 70 9.0 5.9 8.9

Manual Integrations

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Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#38

Carbon Tetrachloride

Concen: 5.212 ug/l

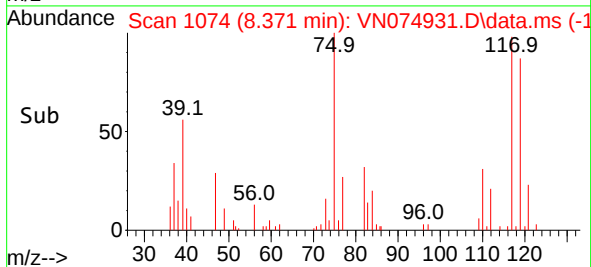
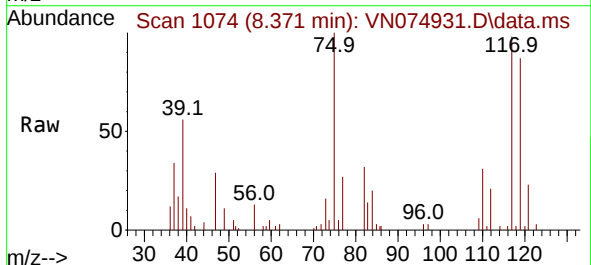
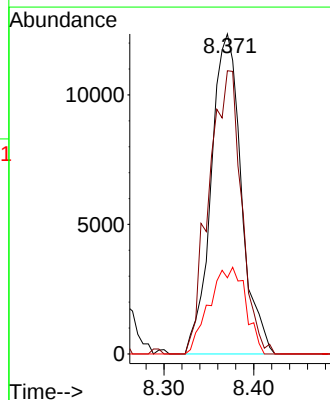
RT: 8.371 min Scan# 1074

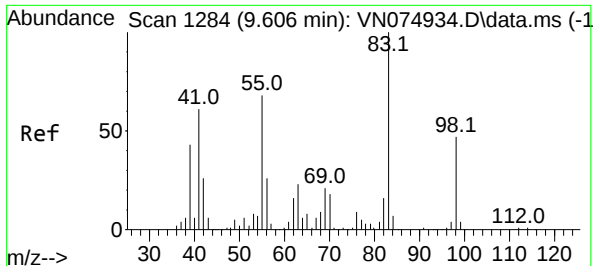
Delta R.T. -0.000 min

Lab File: VN074931.D

Acq: 19 Oct 2022 15:20

Tgt Ion:117 Resp: 28878
 Ion Ratio Lower Upper
 117 100
 119 88.5 76.8 115.2
 121 23.8 24.7 37.1





#39

Methylcyclohexane

Concen: 5.176 ug/l

RT: 9.606 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN074931.D

Acq: 19 Oct 2022 15:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 83 Resp: 33989

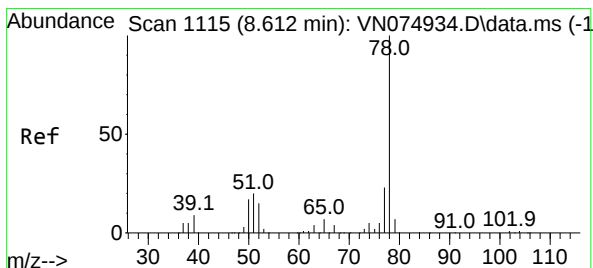
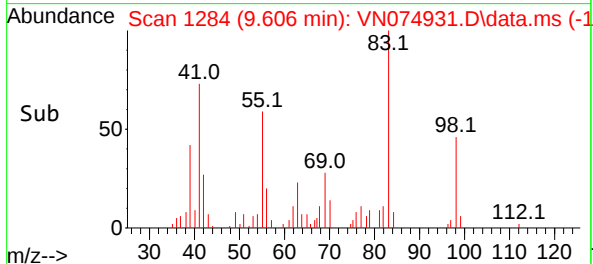
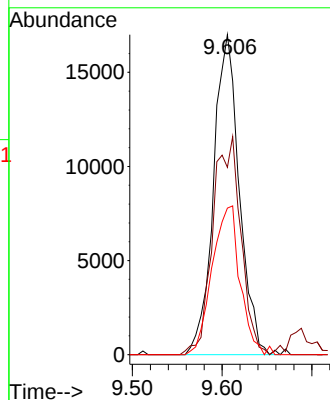
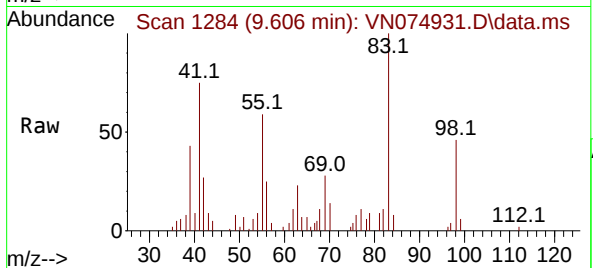
Ion	Ratio	Lower	Upper
83	100		
55	58.5	54.6	82.0
98	45.8	37.6	56.4

Manual Integrations

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Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#40

Benzene

Concen: 5.440 ug/l

RT: 8.612 min Scan# 1115

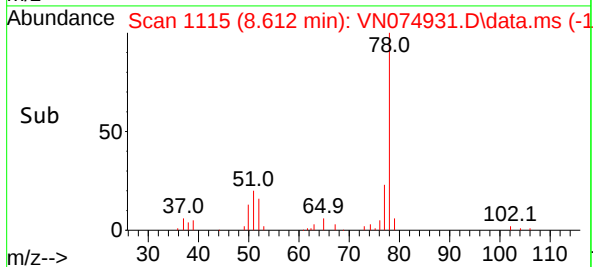
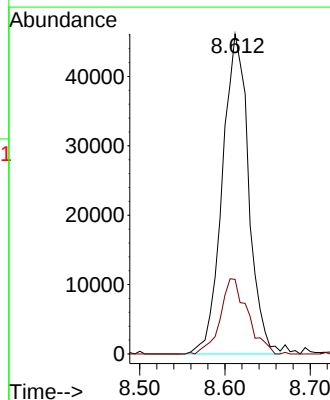
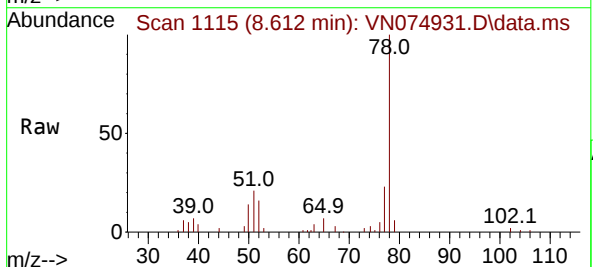
Delta R.T. -0.000 min

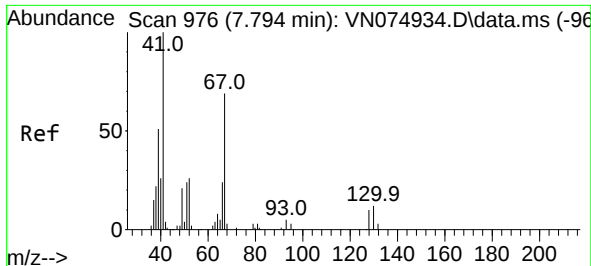
Lab File: VN074931.D

Acq: 19 Oct 2022 15:20

Tgt Ion: 78 Resp: 98902

Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.6	28.0





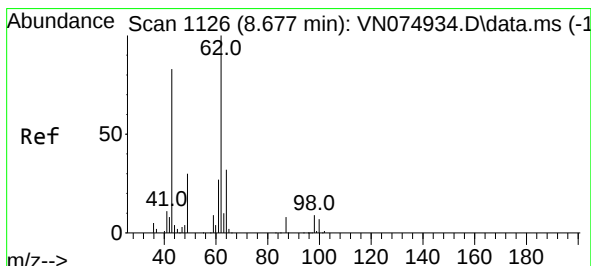
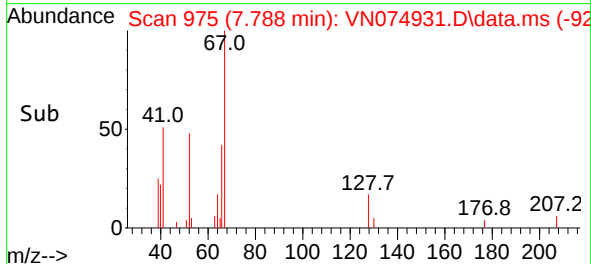
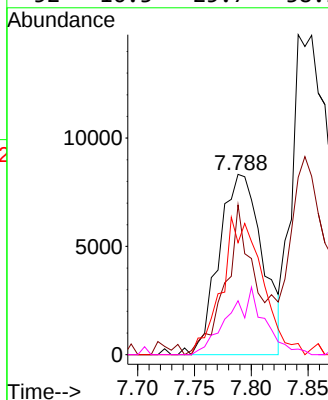
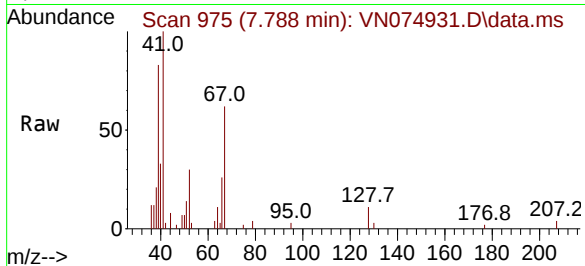
#41
Methacrylonitrile
Concen: 5.061 ug/l
RT: 7.788 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN074931.D
Acq: 19 Oct 2022 15:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 41 Resp: 22190
Ion Ratio Lower Upper
41 100
39 53.0 42.2 63.2
67 70.3 59.3 88.9
52 16.3 25.7 38.5#

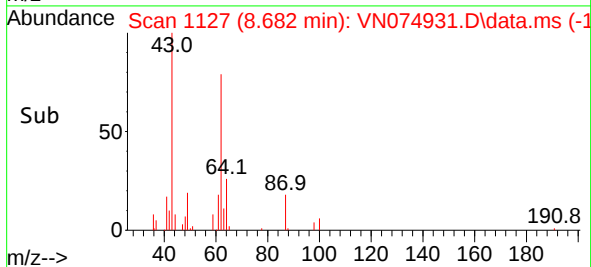
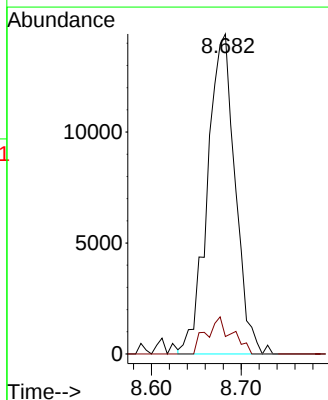
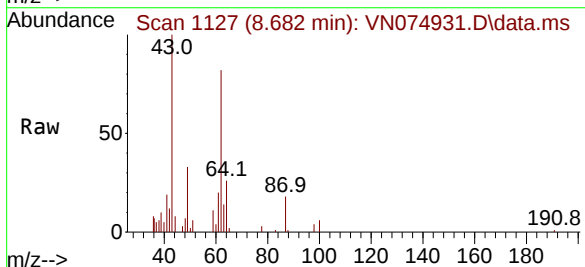
Manual Integrations
APPROVED

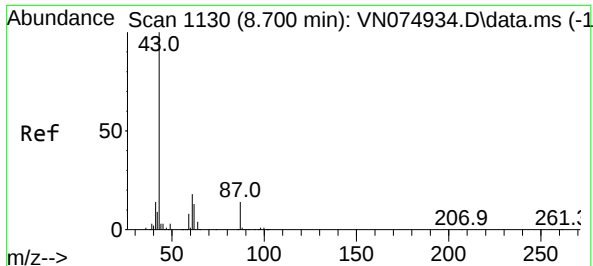
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#42
1,2-Dichloroethane
Concen: 4.981 ug/l
RT: 8.682 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN074931.D
Acq: 19 Oct 2022 15:20

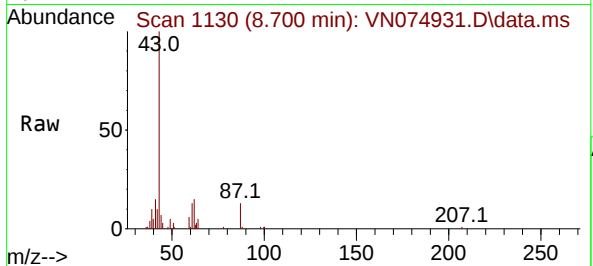
Tgt Ion: 62 Resp: 30946
Ion Ratio Lower Upper
62 100
98 10.7 0.0 20.4





#43
Isopropyl Acetate
Concen: 4.935 ug/l
RT: 8.700 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN074931.D
Acq: 19 Oct 2022 15:20

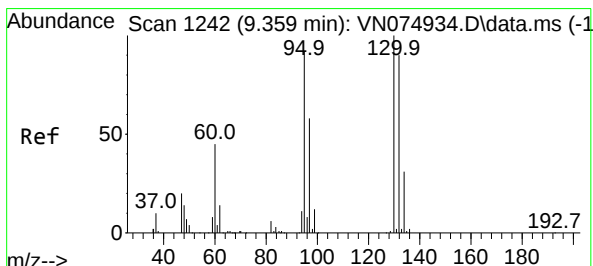
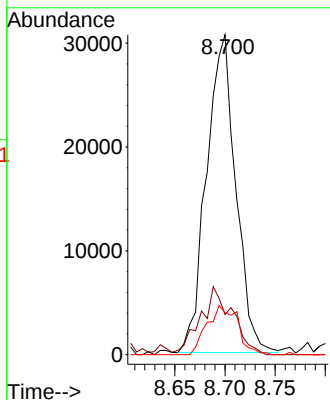
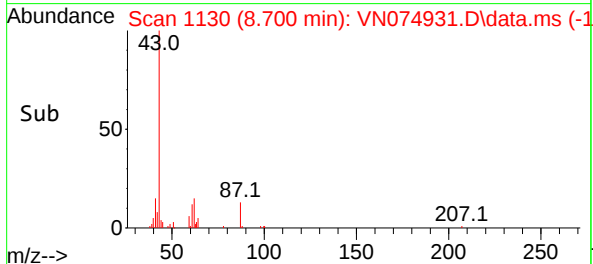
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 62270
Ion Ratio Lower Upper
43 100
61 23.4 18.7 28.1
87 16.2 10.0 15.0

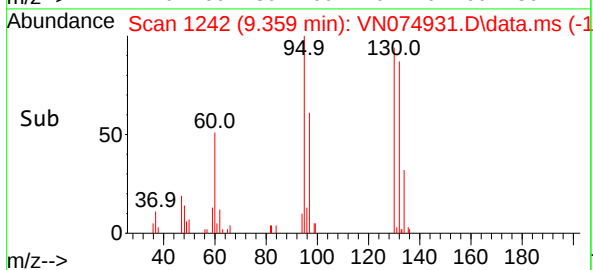
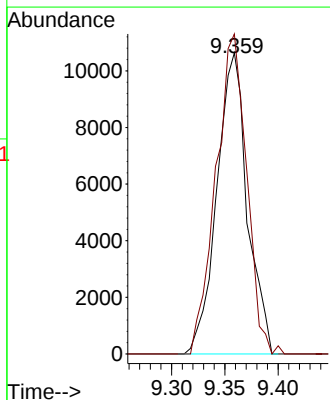
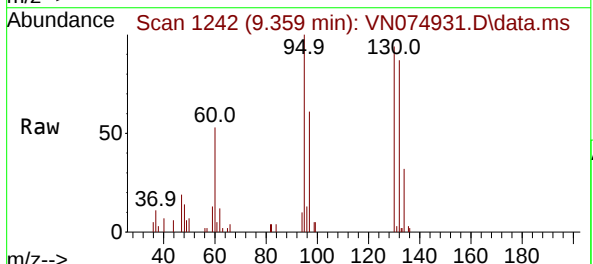
Manual Integrations
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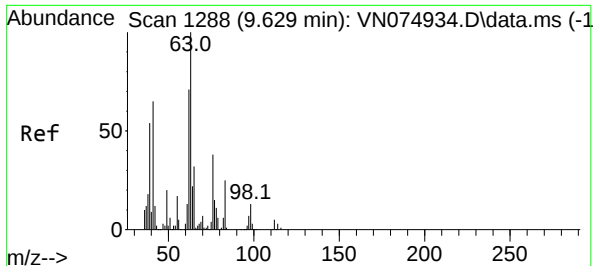
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#44
Trichloroethene
Concen: 5.010 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. -0.000 min
Lab File: VN074931.D
Acq: 19 Oct 2022 15:20

Tgt Ion:130 Resp: 21128
Ion Ratio Lower Upper
130 100
95 106.3 0.0 184.0





#45

1,2-Dichloropropane

Concen: 4.977 ug/l

RT: 9.629 min Scan# 1288

Delta R.T. -0.000 min

Lab File: VN074931.D

Acq: 19 Oct 2022 15:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 2486

Ion Ratio Lower Upper

63 100

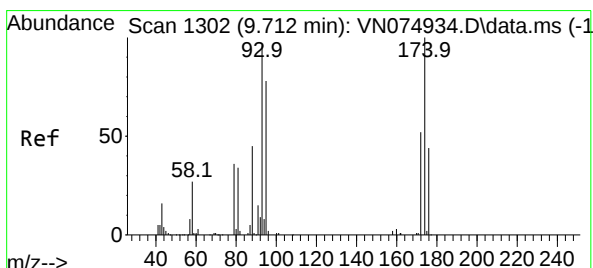
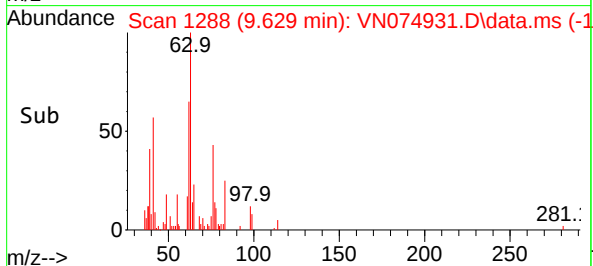
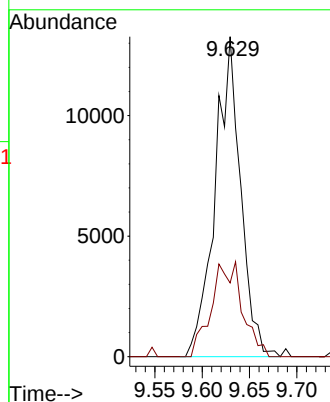
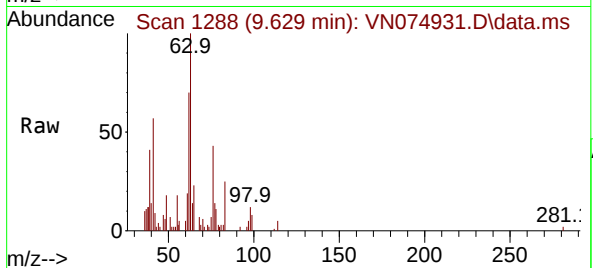
65 23.0 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#46

Dibromomethane

Concen: 5.152 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN074931.D

Acq: 19 Oct 2022 15:20

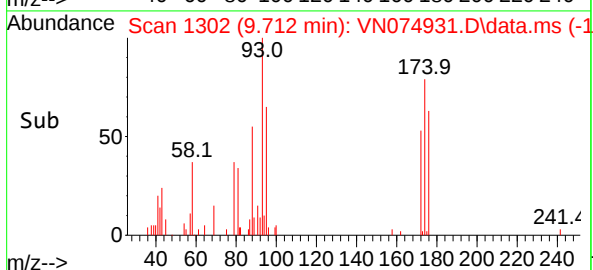
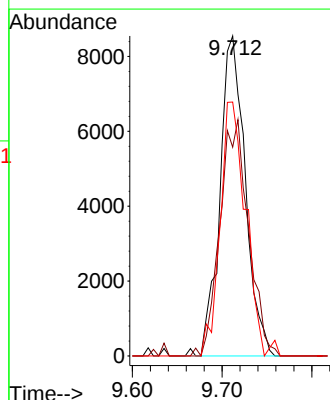
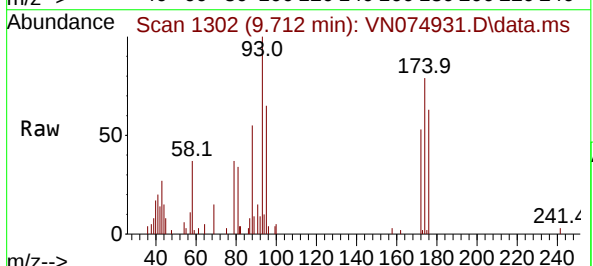
Tgt Ion: 93 Resp: 16751

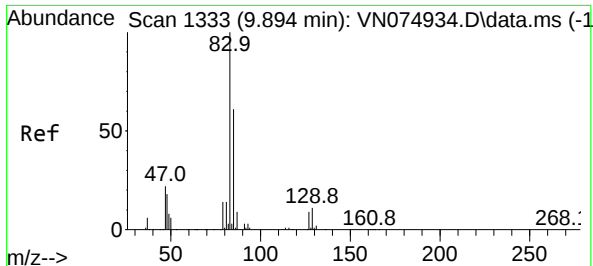
Ion Ratio Lower Upper

93 100

95 83.4 68.6 102.8

174 80.0 76.1 114.1





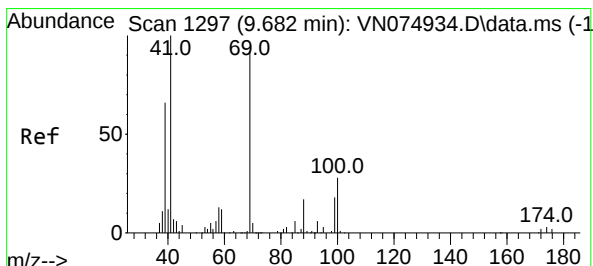
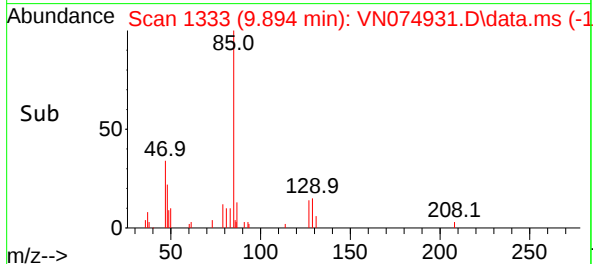
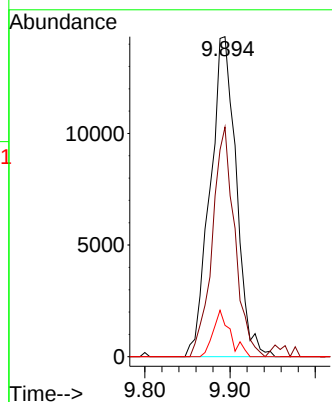
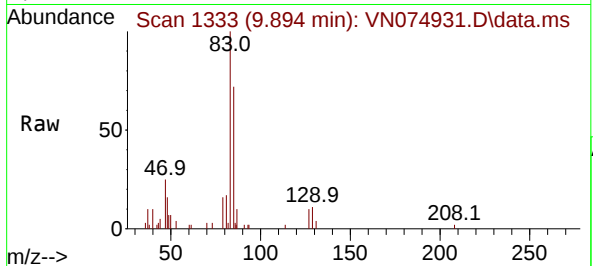
#47
Bromodichloromethane
Concen: 4.977 ug/l
RT: 9.894 min Scan# 1333
Delta R.T. -0.000 min
Lab File: VN074931.D
Acq: 19 Oct 2022 15:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 30500
Ion Ratio Lower Upper
83 100
85 71.7 49.0 73.6
127 9.8 6.9 10.3

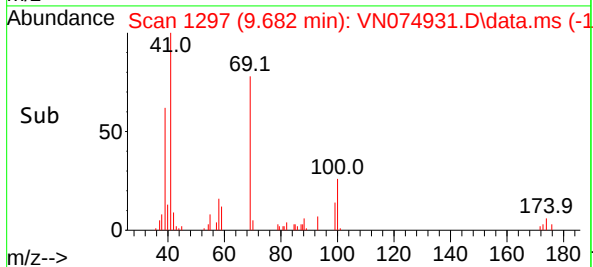
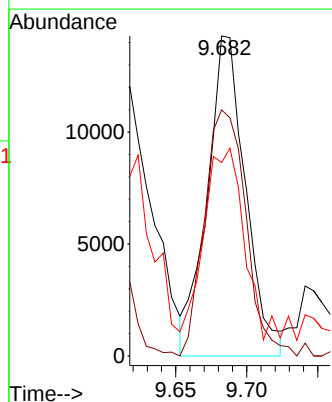
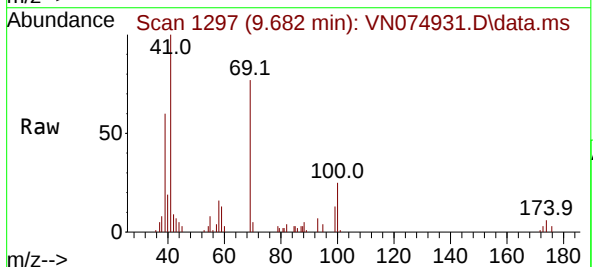
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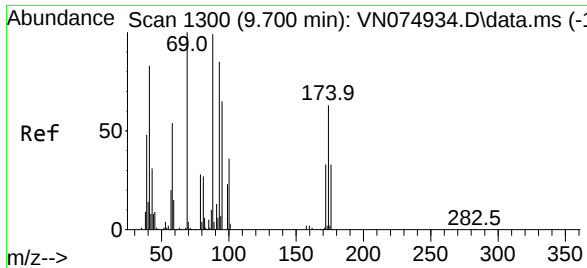
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#48
Methyl methacrylate
Concen: 4.850 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN074931.D
Acq: 19 Oct 2022 15:20

Tgt Ion: 41 Resp: 26758
Ion Ratio Lower Upper
41 100
69 83.4 67.9 101.9
39 73.8 53.6 80.4





#49

1,4-Dioxane

Concen: 101.776 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN074931.D

Acq: 19 Oct 2022 15:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 88 Resp: 1251

Ion Ratio Lower Upper

88 100

43 0.0 23.3 34.9

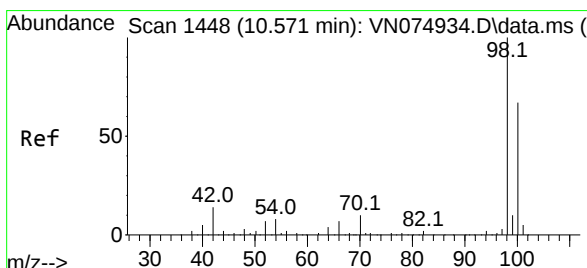
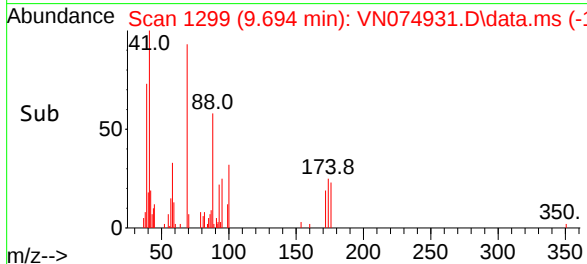
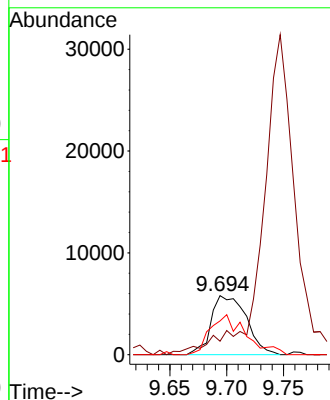
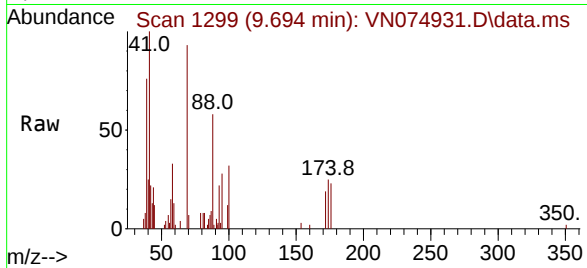
58 68.5 50.1 75.1

Manual Integrations

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Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#50

Toluene-d8

Concen: 4.797 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN074931.D

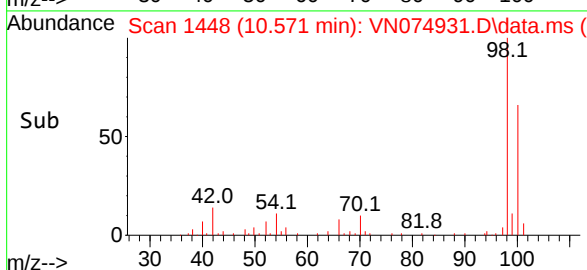
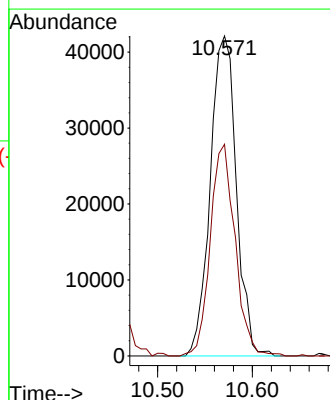
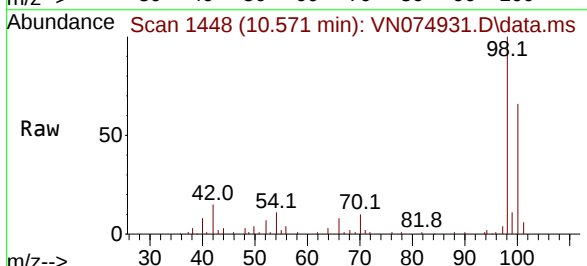
Acq: 19 Oct 2022 15:20

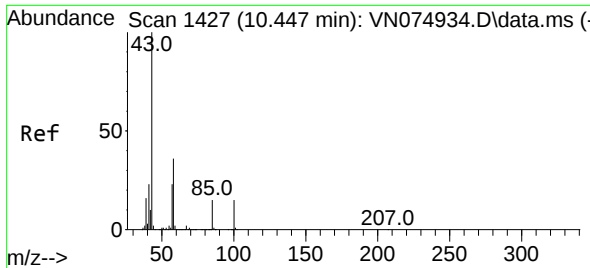
Tgt Ion: 98 Resp: 80565

Ion Ratio Lower Upper

98 100

100 62.9 52.1 78.1





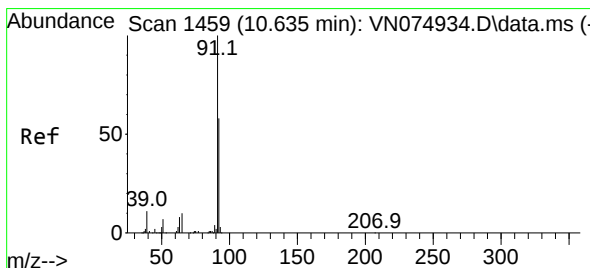
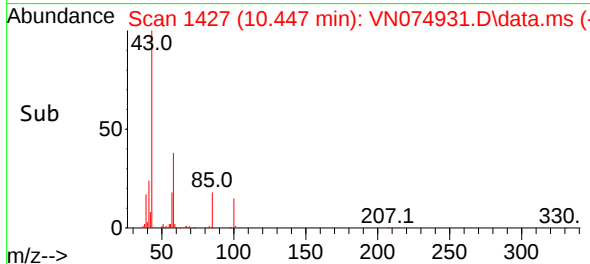
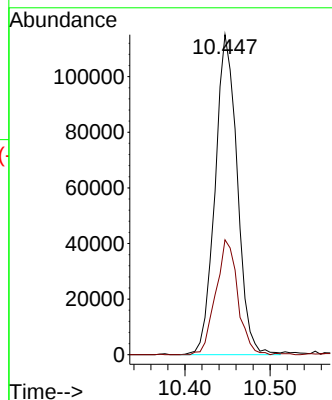
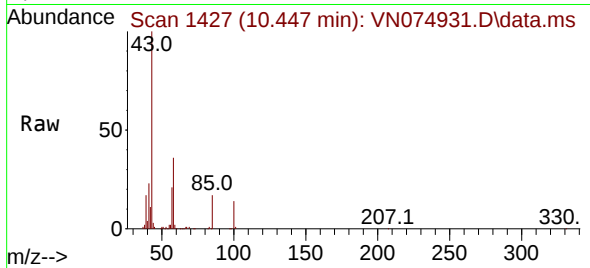
#51
4-Methyl-2-Pentanone
Concen: 24.609 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN074931.D
Acq: 19 Oct 2022 15:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 20832
Ion Ratio Lower Upper
43 100
58 35.6 29.6 44.4

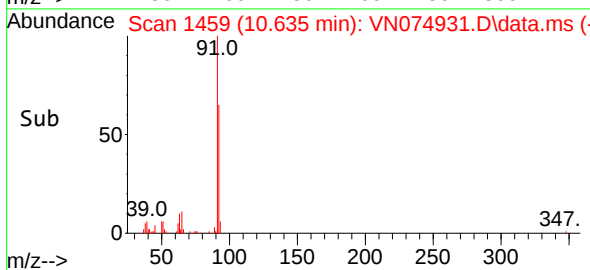
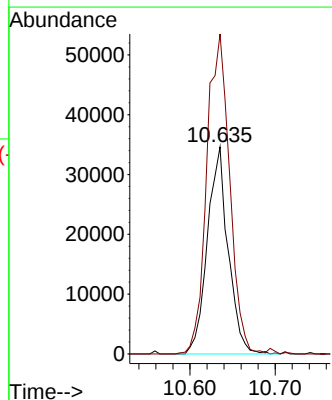
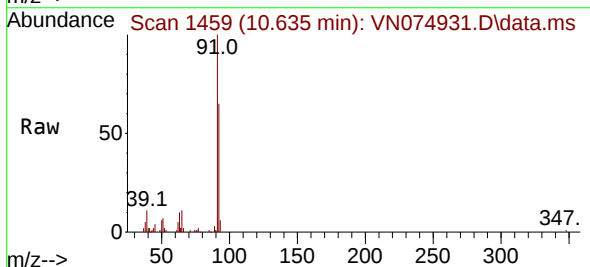
Manual Integrations
APPROVED

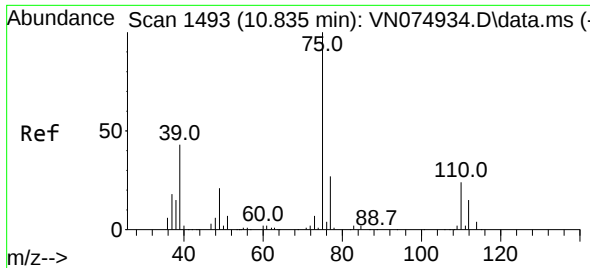
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#52
Toluene
Concen: 5.157 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN074931.D
Acq: 19 Oct 2022 15:20

Tgt Ion: 92 Resp: 58692
Ion Ratio Lower Upper
92 100
91 169.9 140.9 211.3





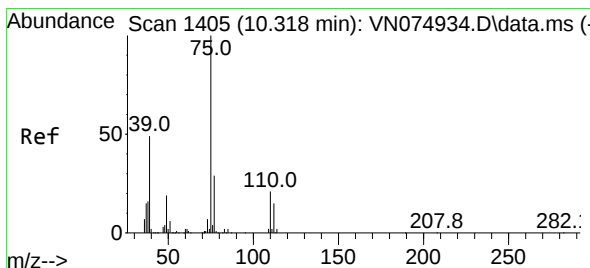
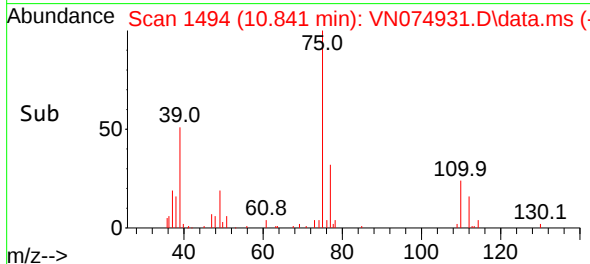
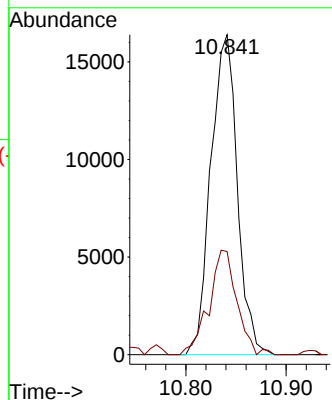
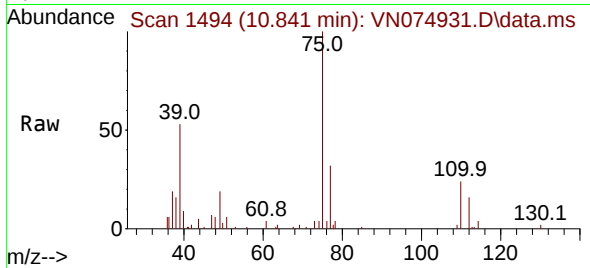
#53
 t-1,3-Dichloropropene
 Concen: 4.604 ug/l
 RT: 10.841 min Scan# 1493
 Delta R.T. 0.006 min
 Lab File: VN074931.D
 Acq: 19 Oct 2022 15:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 75 Resp: 30072
 Ion Ratio Lower Upper
 75 100
 77 32.2 21.4 32.2

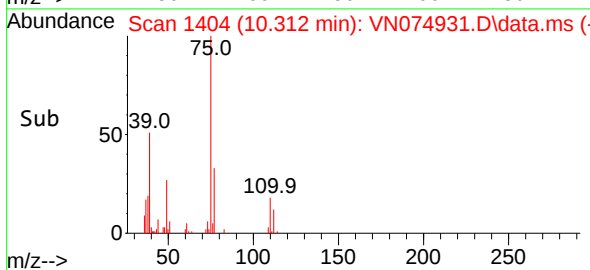
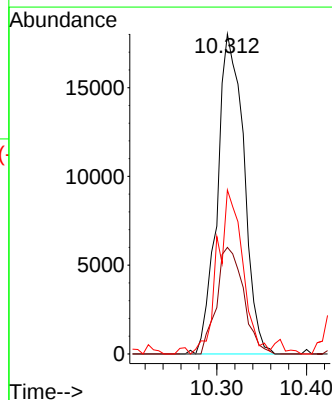
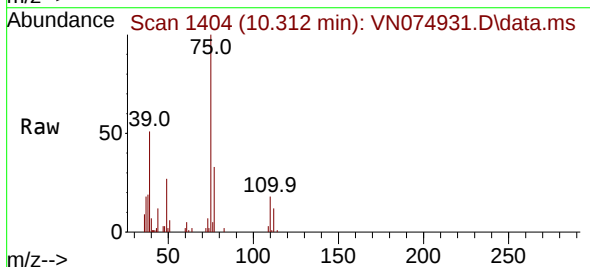
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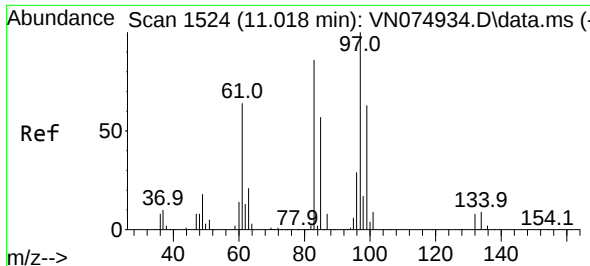
Reviewed By :John Carlone 10/20/2022
 Supervised By :Mahesh Dadoda 10/20/2022



#54
 cis-1,3-Dichloropropene
 Concen: 5.145 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. -0.006 min
 Lab File: VN074931.D
 Acq: 19 Oct 2022 15:20

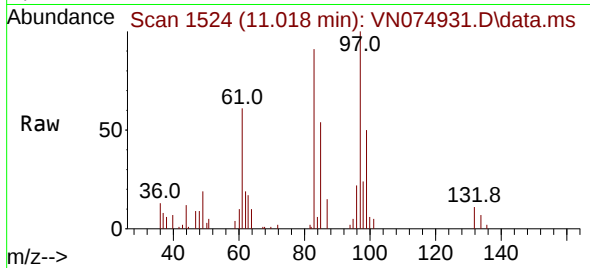
Tgt Ion: 75 Resp: 37082
 Ion Ratio Lower Upper
 75 100
 77 33.3 23.0 34.6
 39 49.5 38.9 58.3





#55
1,1,2-Trichloroethane
Concen: 5.226 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN074931.D
Acq: 19 Oct 2022 15:20

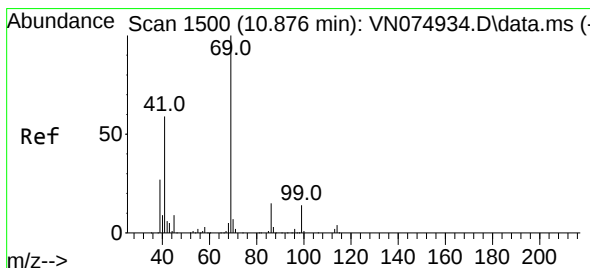
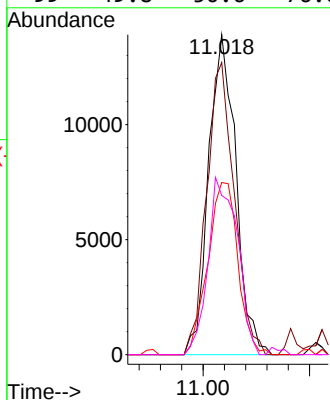
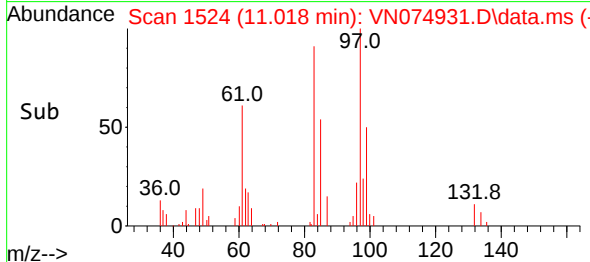
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 97 Resp: 24689
Ion Ratio Lower Upper
97 100
83 91.3 68.8 103.2
85 53.8 45.7 68.5
99 49.8 50.6 76.0#

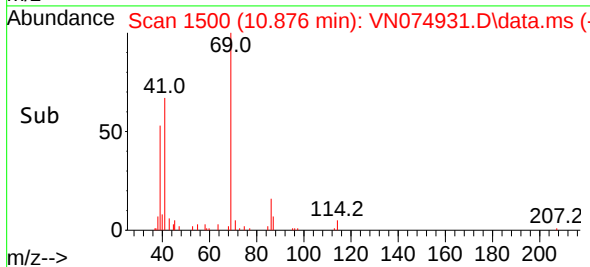
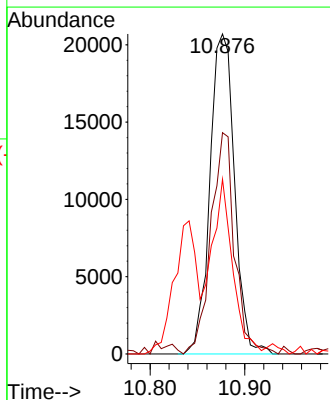
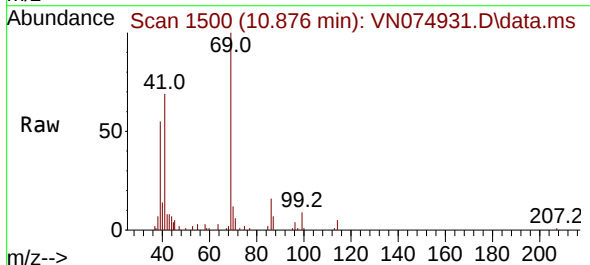
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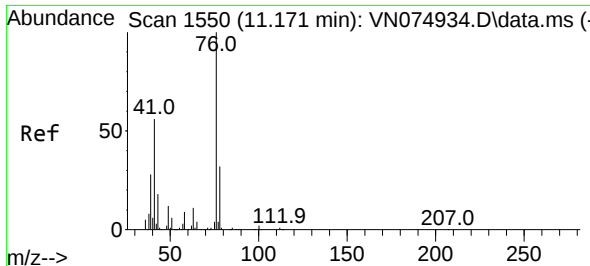
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#56
Ethyl methacrylate
Concen: 5.118 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN074931.D
Acq: 19 Oct 2022 15:20

Tgt Ion: 69 Resp: 37363
Ion Ratio Lower Upper
69 100
41 66.8 53.5 80.3
39 47.1 34.6 52.0





#57

1,3-Dichloropropane

Concen: 5.215 ug/l

RT: 11.165 min Scan# 1150

Delta R.T. -0.006 min

Lab File: VN074931.D

Acq: 19 Oct 2022 15:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 43054

Ion Ratio Lower Upper

76 100

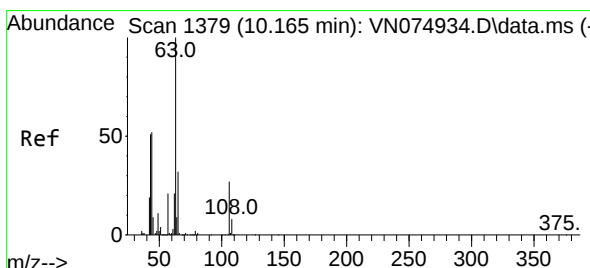
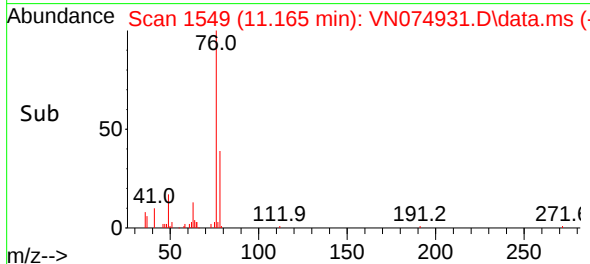
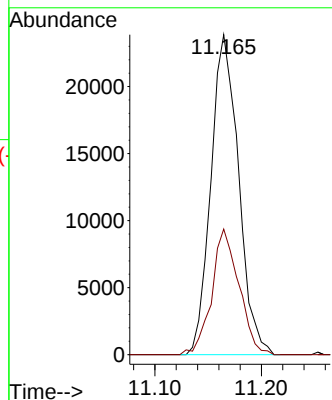
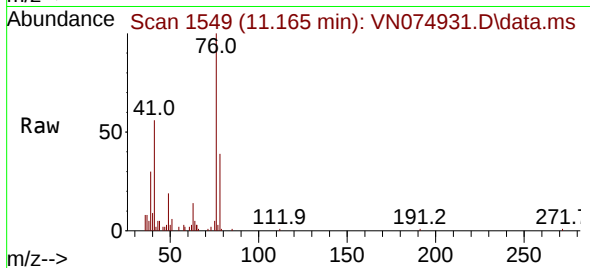
78 38.5 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#58

2-Chloroethyl Vinyl ether

Concen: 22.578 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN074931.D

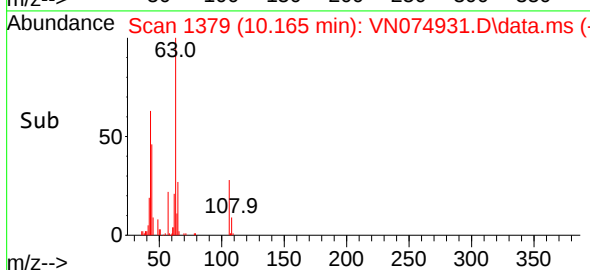
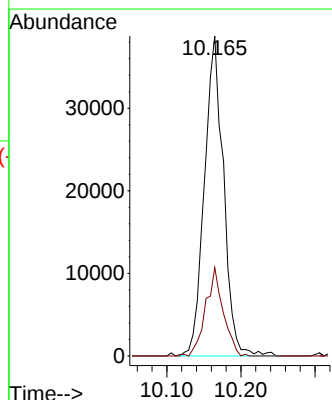
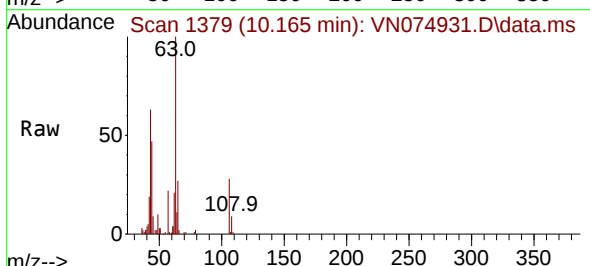
Acq: 19 Oct 2022 15:20

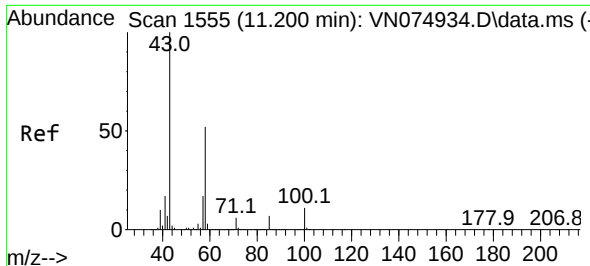
Tgt Ion: 63 Resp: 69460

Ion Ratio Lower Upper

63 100

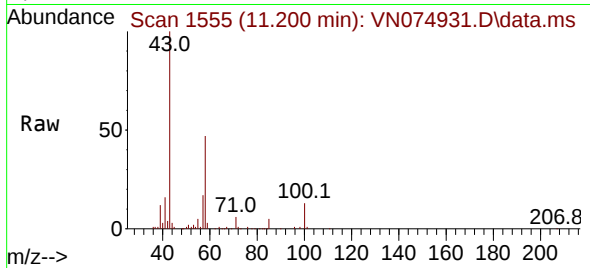
106 25.4 21.5 32.3





#59
2-Hexanone
Concen: 24.093 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN074931.D
Acq: 19 Oct 2022 15:20

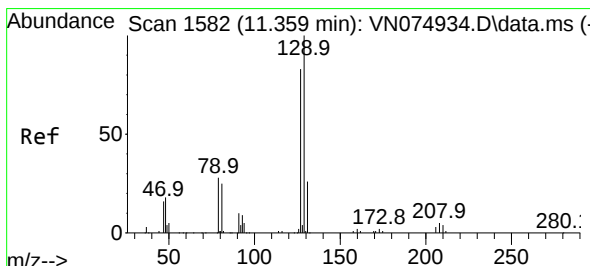
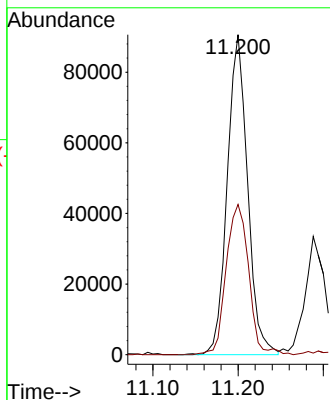
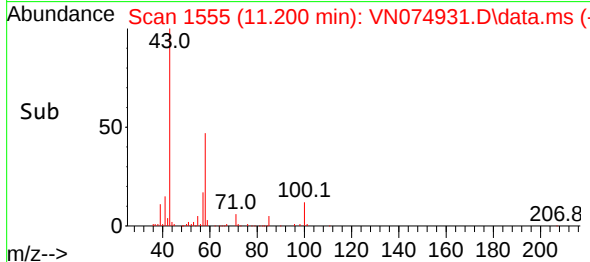
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



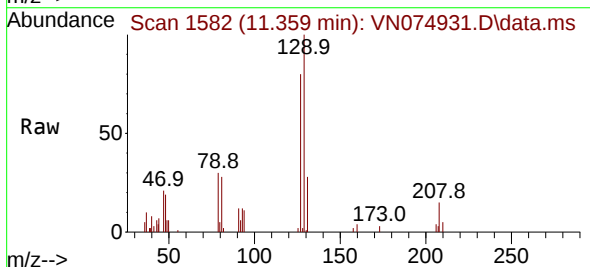
Tgt Ion: 43 Resp: 15006
Ion Ratio Lower Upper
43 100
58 52.0 26.3 78.8

Manual Integrations
APPROVED

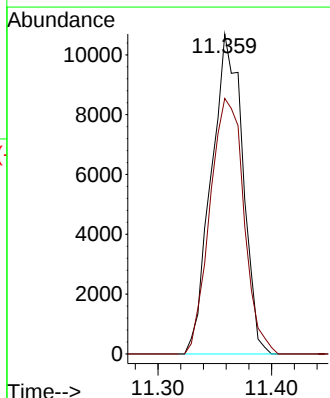
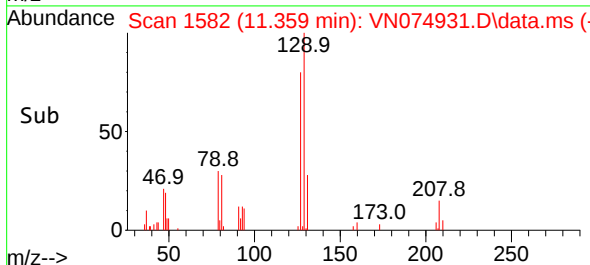
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

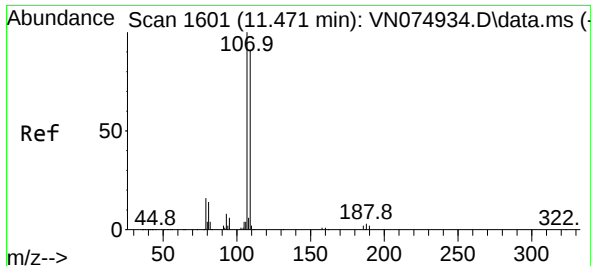


#60
Dibromochloromethane
Concen: 4.431 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN074931.D
Acq: 19 Oct 2022 15:20



Tgt Ion:129 Resp: 20492
Ion Ratio Lower Upper
129 100
127 86.4 40.6 122.0





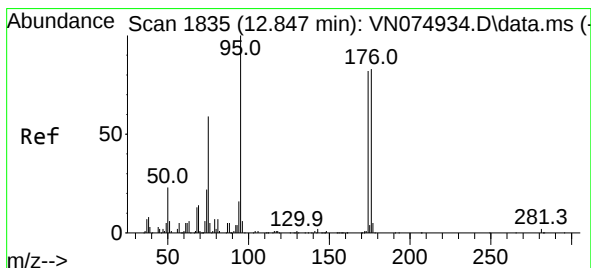
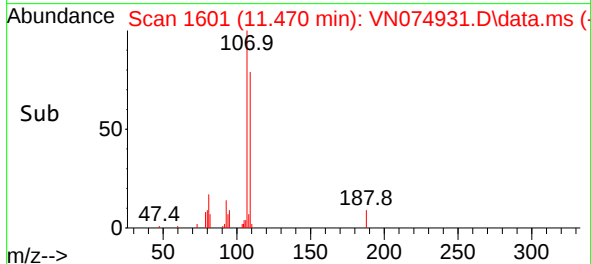
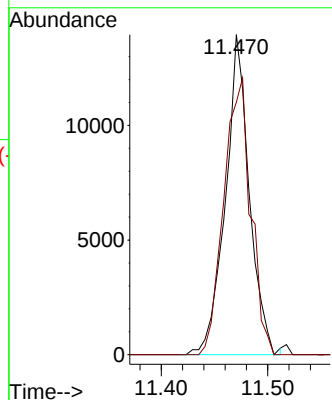
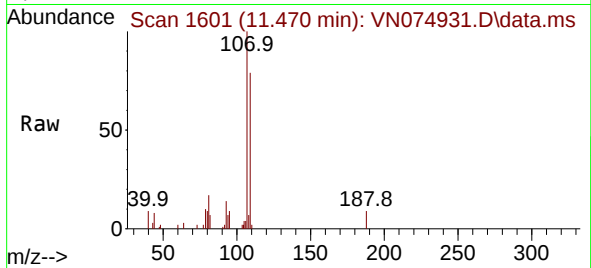
#61
1,2-Dibromoethane
Concen: 4.659 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN074931.D
Acq: 19 Oct 2022 15:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:107 Resp: 2174
Ion Ratio Lower Upper
107 100
109 97.1 74.6 111.8

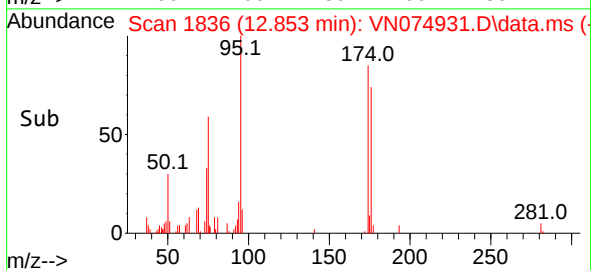
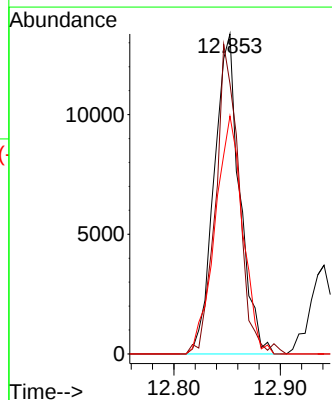
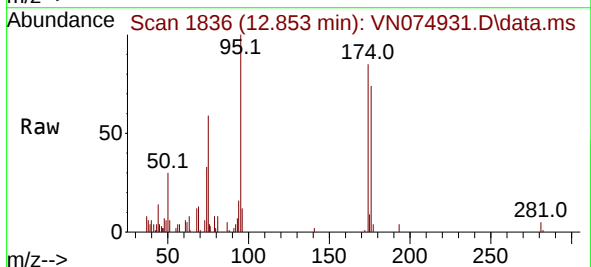
Manual Integrations
APPROVED

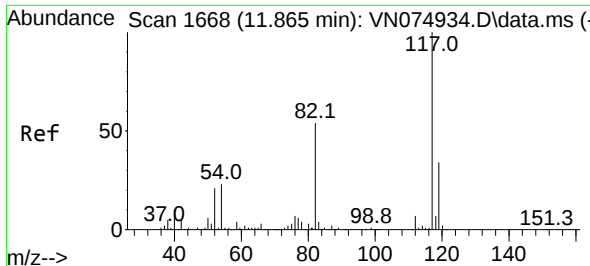
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#62
4-Bromofluorobenzene
Concen: 4.856 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN074931.D
Acq: 19 Oct 2022 15:20

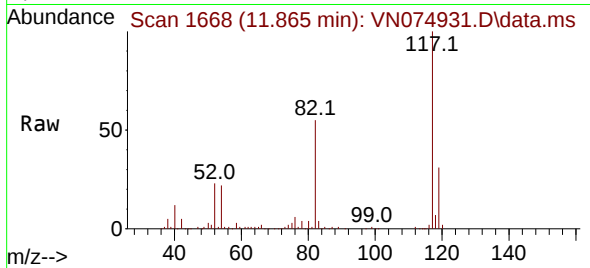
Tgt Ion: 95 Resp: 22281
Ion Ratio Lower Upper
95 100
174 88.3 0.0 182.8
176 80.7 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN074931.D
Acq: 19 Oct 2022 15:20

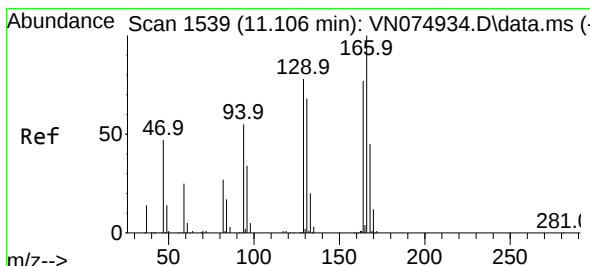
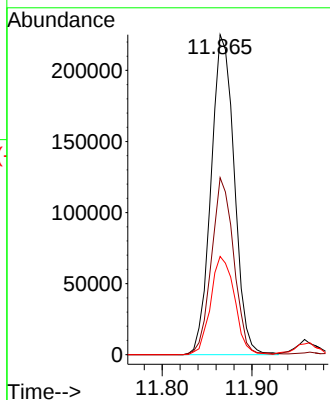
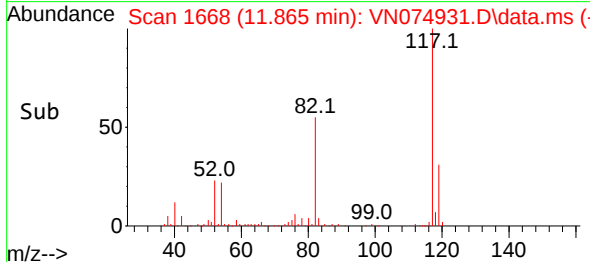
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



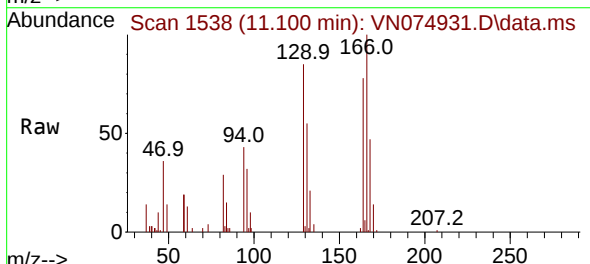
Tgt Ion:117 Resp: 404884
Ion Ratio Lower Upper
117 100
82 55.3 43.0 64.6
119 30.7 27.0 40.6

Manual Integrations
APPROVED

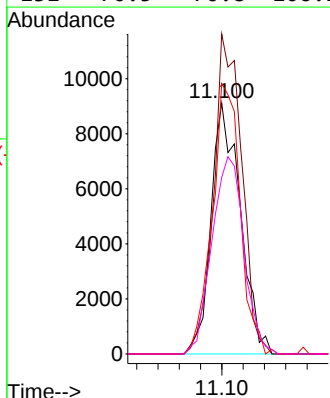
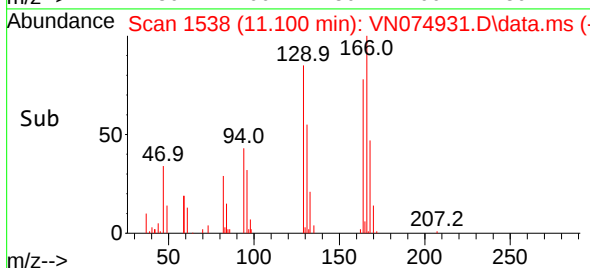
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

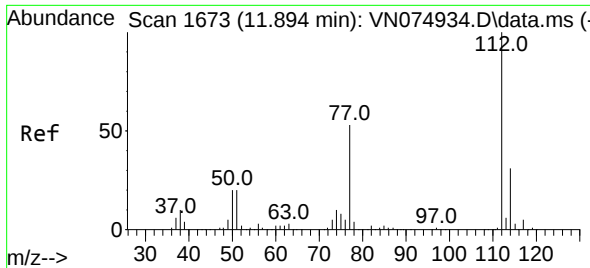


#64
Tetrachloroethene
Concen: 5.160 ug/l
RT: 11.100 min Scan# 1538
Delta R.T. -0.006 min
Lab File: VN074931.D
Acq: 19 Oct 2022 15:20



Tgt Ion:164 Resp: 17422
Ion Ratio Lower Upper
164 100
166 127.6 103.4 155.0
129 107.9 80.3 120.5
131 70.5 70.8 106.2#





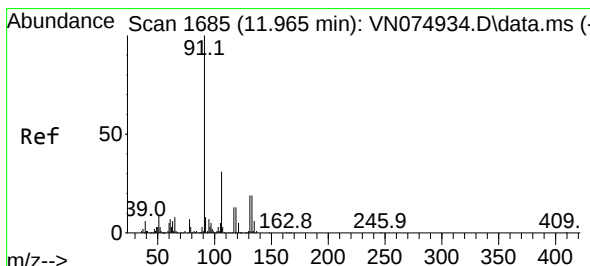
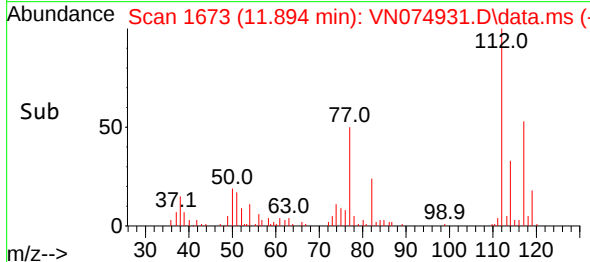
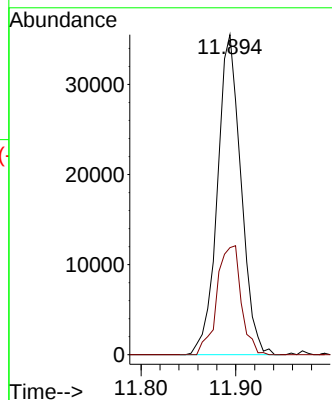
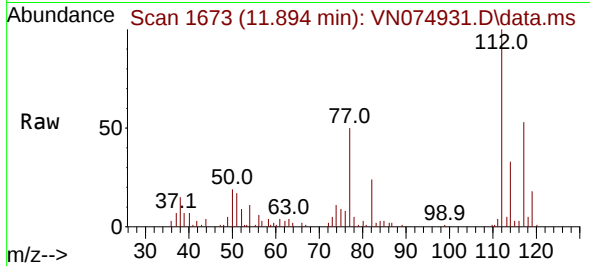
#65
Chlorobenzene
Concen: 5.235 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN074931.D
Acq: 19 Oct 2022 15:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 6141
Ion Ratio Lower Upper
112 100
114 33.5 24.6 37.0

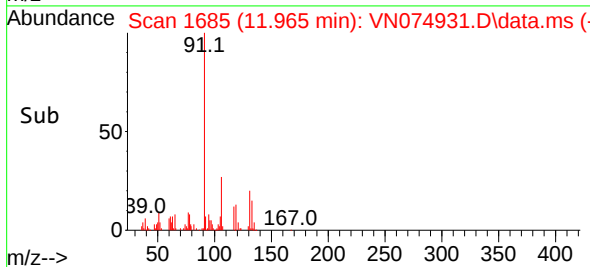
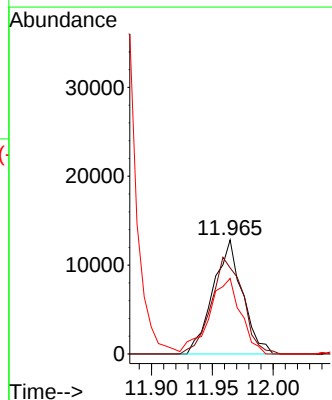
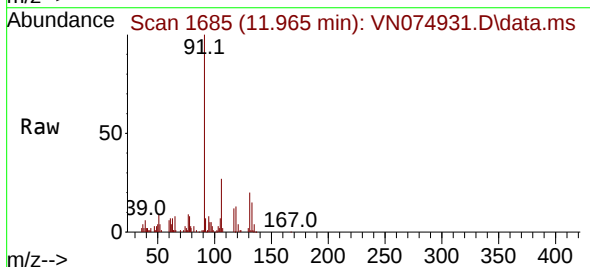
Manual Integrations
APPROVED

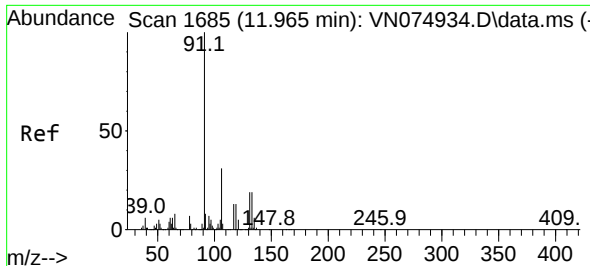
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 4.857 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN074931.D
Acq: 19 Oct 2022 15:20

Tgt Ion:131 Resp: 21540
Ion Ratio Lower Upper
131 100
133 91.0 48.9 146.6
119 71.3 35.3 105.7





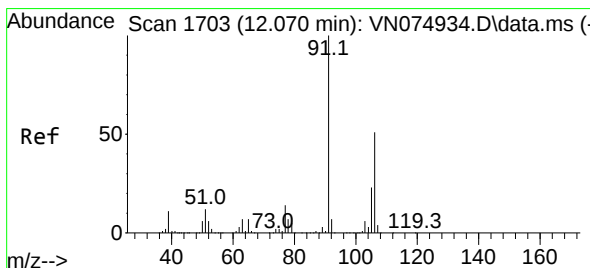
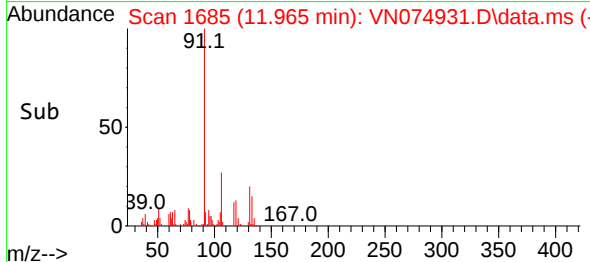
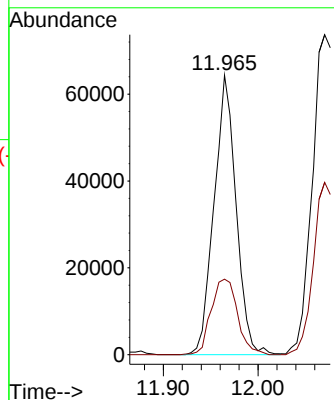
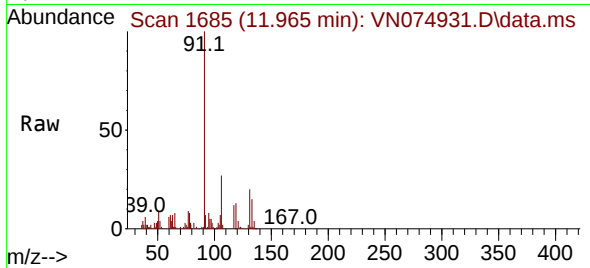
#67
Ethyl Benzene
Concen: 5.145 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN074931.D
Acq: 19 Oct 2022 15:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 104220
Ion Ratio Lower Upper
91 100
106 27.0 25.0 37.6

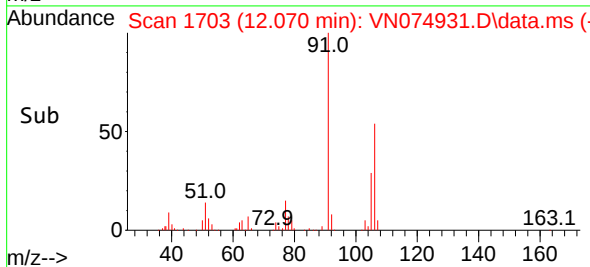
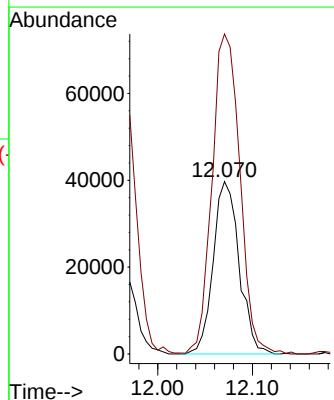
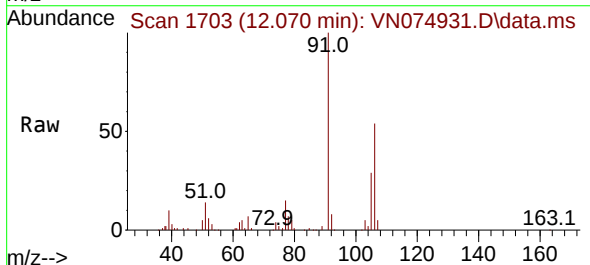
Manual Integrations
APPROVED

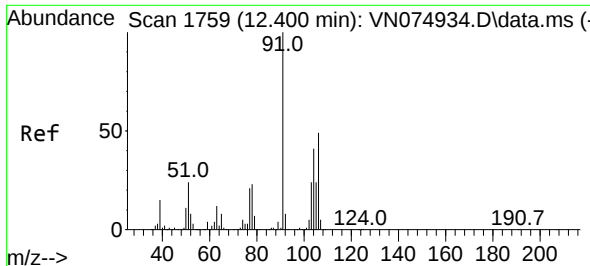
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#68
m/p-Xylenes
Concen: 9.692 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN074931.D
Acq: 19 Oct 2022 15:20

Tgt Ion:106 Resp: 75644
Ion Ratio Lower Upper
106 100
91 199.1 157.4 236.2





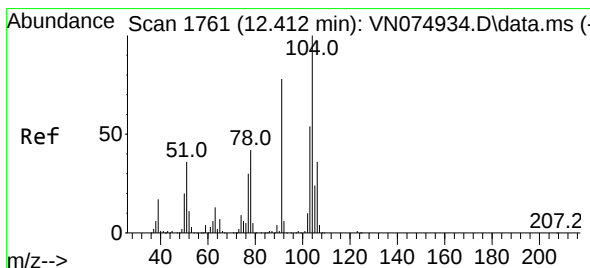
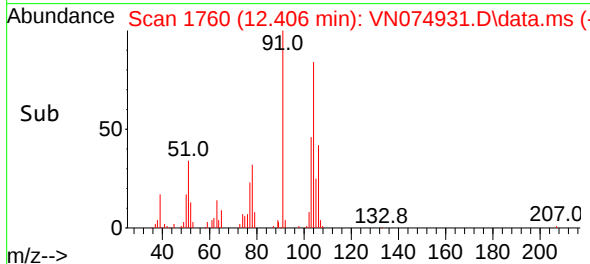
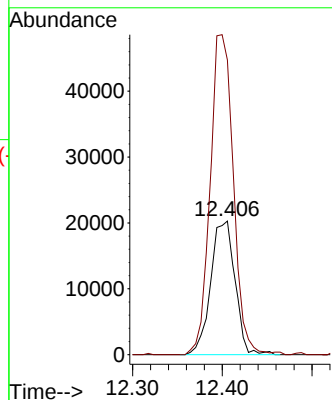
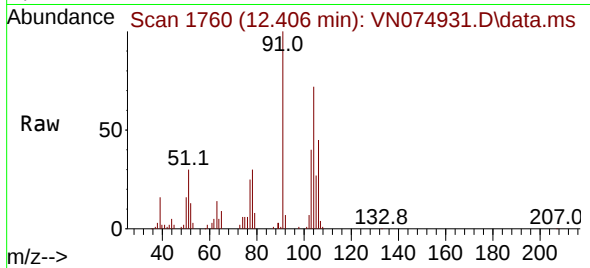
#69
o-Xylene
Concen: 4.760 ug/l
RT: 12.406 min Scan# 1760
Delta R.T. 0.006 min
Lab File: VN074931.D
Acq: 19 Oct 2022 15:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 3818
Ion Ratio Lower Upper
106 100
91 228.7 101.1 303.1

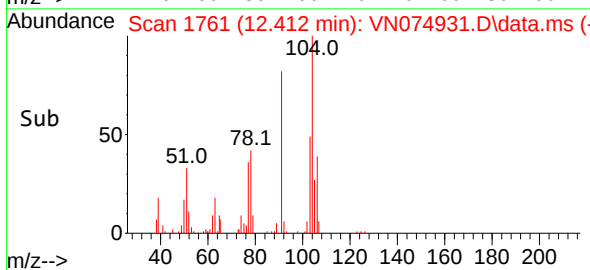
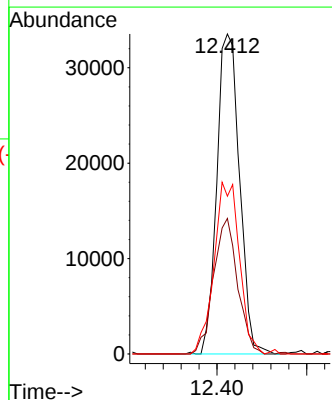
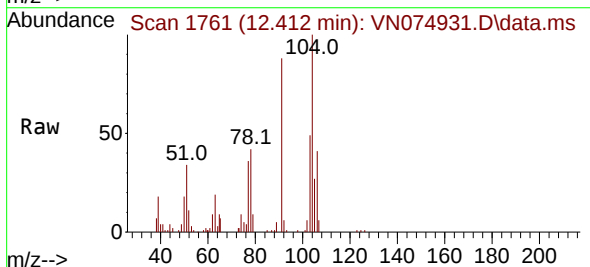
Manual Integrations
APPROVED

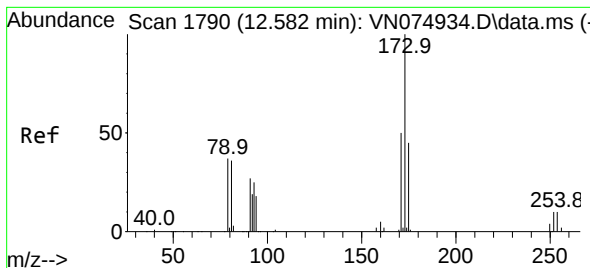
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#70
Styrene
Concen: 4.885 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN074931.D
Acq: 19 Oct 2022 15:20

Tgt Ion:104 Resp: 58877
Ion Ratio Lower Upper
104 100
78 44.9 37.4 56.2
103 59.9 44.6 66.8





#71

Bromoform

Concen: 4.388 ug/l

RT: 12.576 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN074931.D

Acq: 19 Oct 2022 15:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

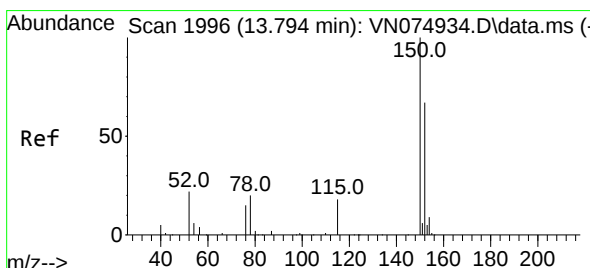
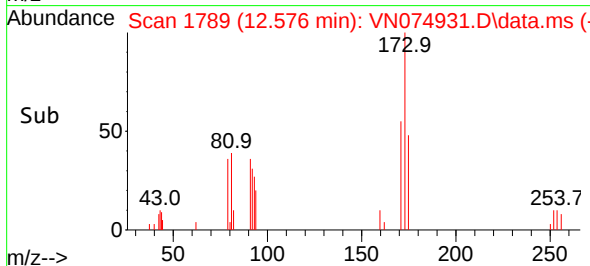
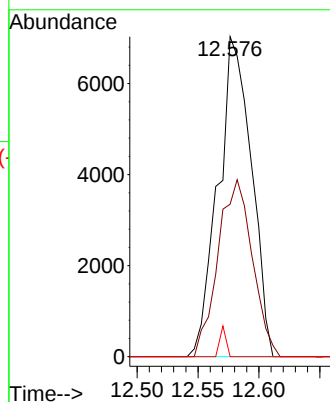
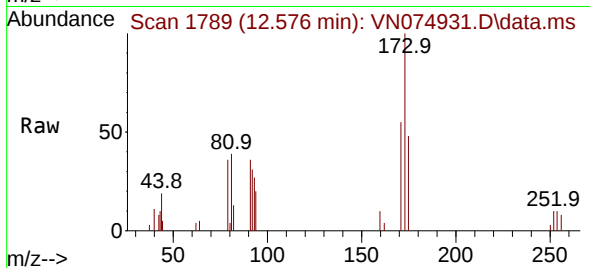
Tgt Ion:	173	Resp:	13320
Ion Ratio	Lower	Upper	
173	100		
175	57.2	23.4	70.2
254	1.8	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

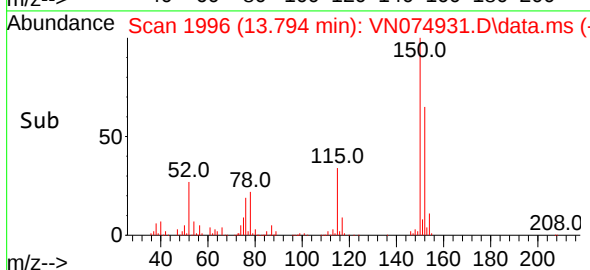
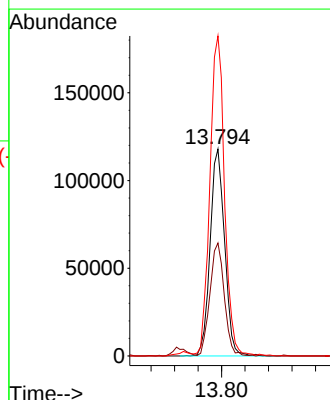
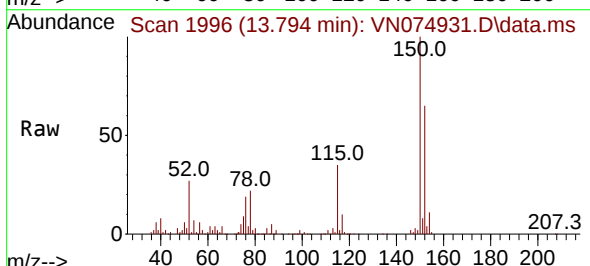
RT: 13.794 min Scan# 1996

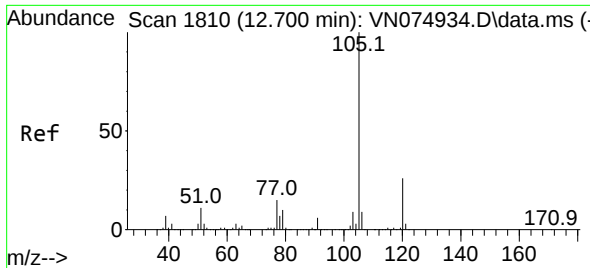
Delta R.T. -0.000 min

Lab File: VN074931.D

Acq: 19 Oct 2022 15:20

Tgt Ion:	152	Resp:	202009
Ion Ratio	Lower	Upper	
152	100		
115	54.2	28.2	84.6
150	154.8	0.0	352.0





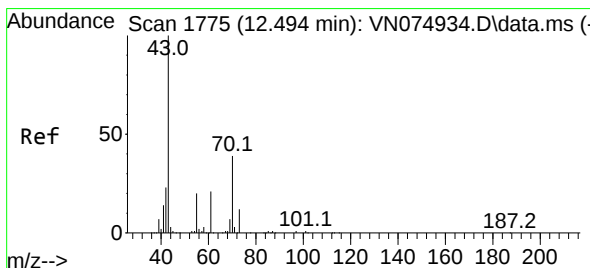
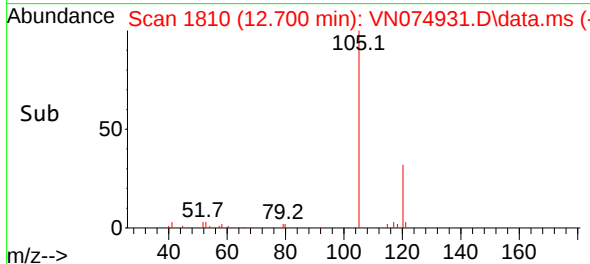
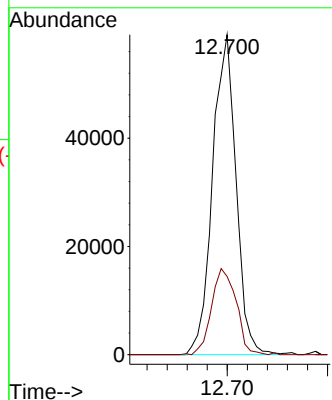
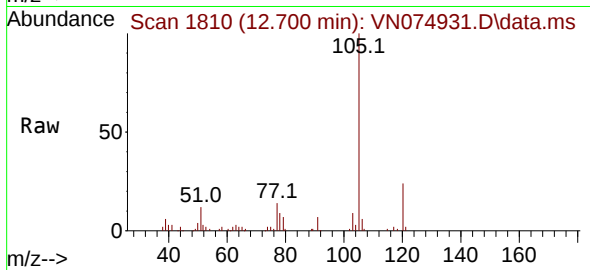
#73
Isopropylbenzene
Concen: 5.217 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN074931.D
Acq: 19 Oct 2022 15:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:105 Resp: 9608
Ion Ratio Lower Upper
105 100
120 28.3 13.3 39.9

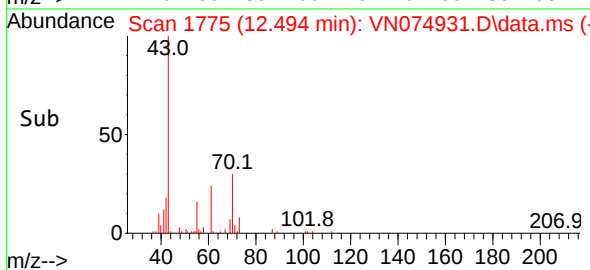
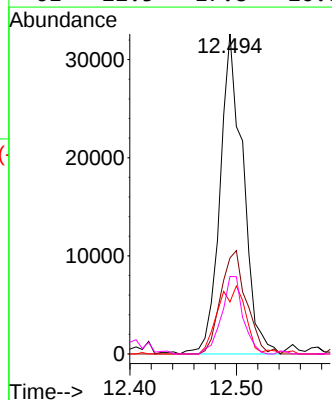
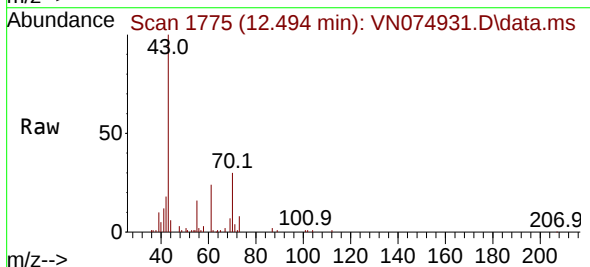
Manual Integrations
APPROVED

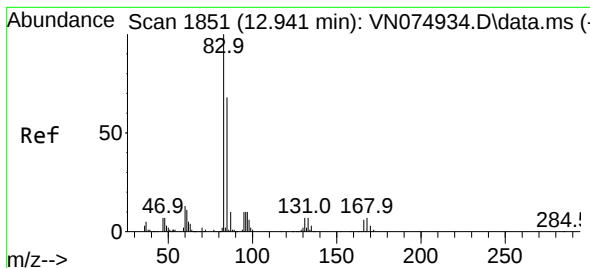
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#74
N-ethyl acetate
Concen: 5.314 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN074931.D
Acq: 19 Oct 2022 15:20

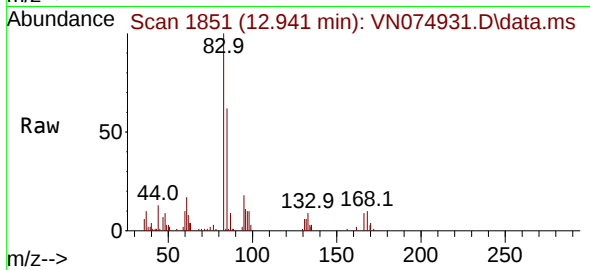
Tgt Ion: 43 Resp: 48950
Ion Ratio Lower Upper
43 100
70 35.7 32.9 49.3
55 26.3 17.7 26.5
61 22.5 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 5.600 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN074931.D
Acq: 19 Oct 2022 15:20

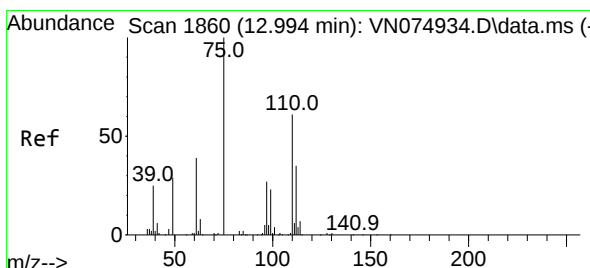
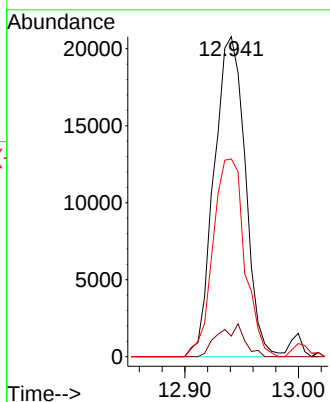
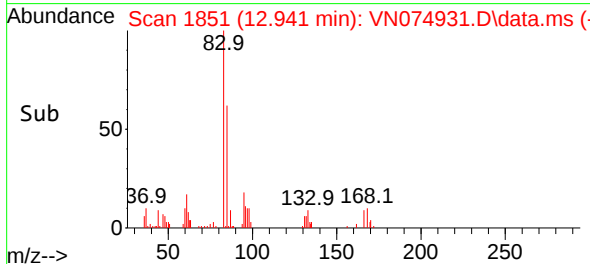
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



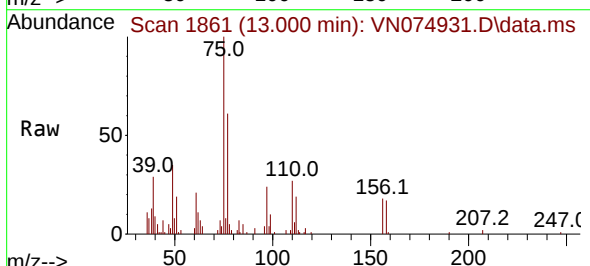
Tgt Ion: 83 Resp: 39594
Ion Ratio Lower Upper
83 100
131 8.7 4.3 12.8
85 62.8 33.0 98.9

Manual Integrations
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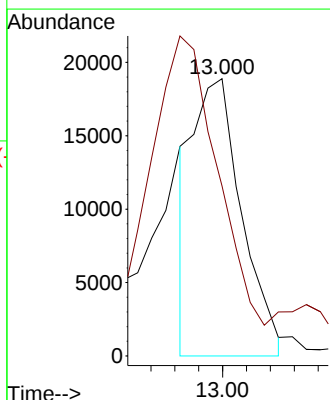
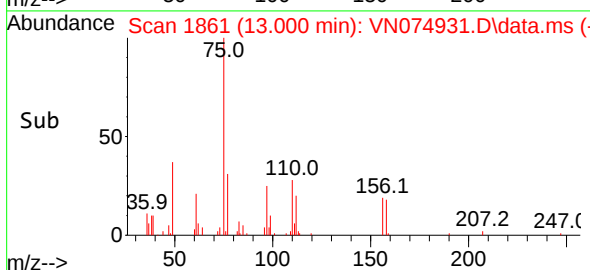
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

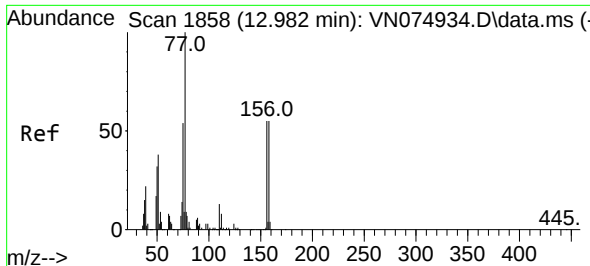


#76
1,2,3-Trichloropropane
Concen: 5.299 ug/l m
RT: 13.000 min Scan# 1861
Delta R.T. 0.006 min
Lab File: VN074931.D
Acq: 19 Oct 2022 15:20



Tgt Ion: 75 Resp: 26739
Ion Ratio Lower Upper
75 100
77 173.1 79.8 239.4





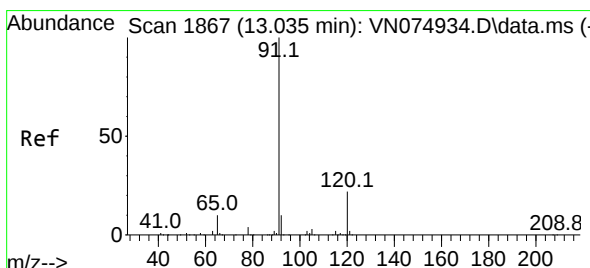
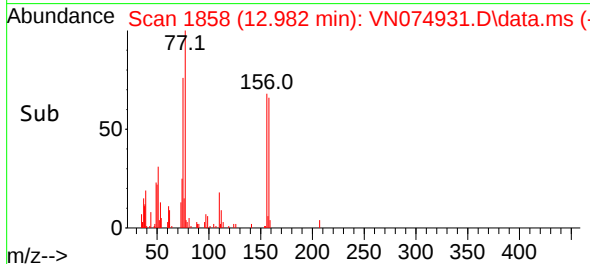
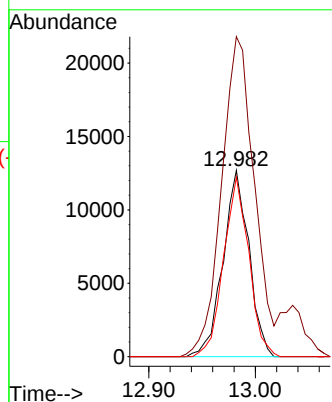
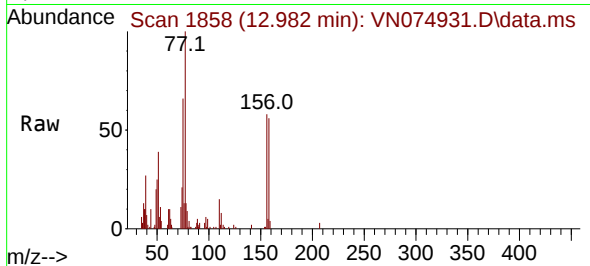
#77
Bromobenzene
Concen: 5.341 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN074931.D
Acq: 19 Oct 2022 15:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:156 Resp: 21500
Ion Ratio Lower Upper
156 100
77 215.2 107.8 323.6
158 93.6 48.2 144.6

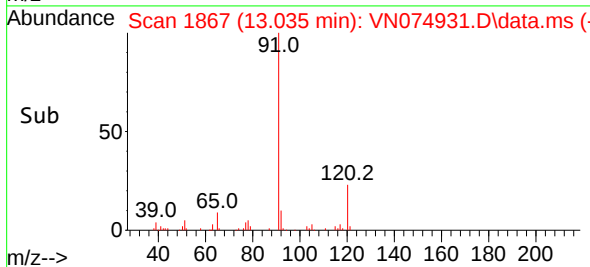
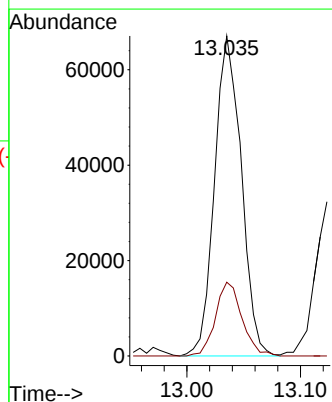
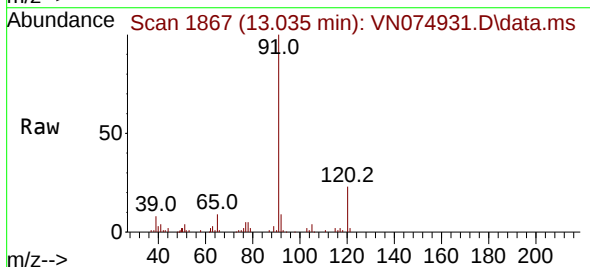
Manual Integrations
APPROVED

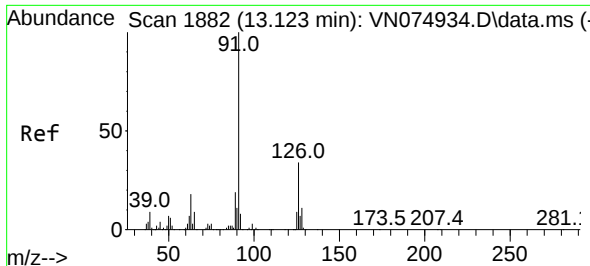
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#78
n-propylbenzene
Concen: 5.330 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN074931.D
Acq: 19 Oct 2022 15:20

Tgt Ion: 91 Resp: 109705
Ion Ratio Lower Upper
91 100
120 22.8 11.3 33.9





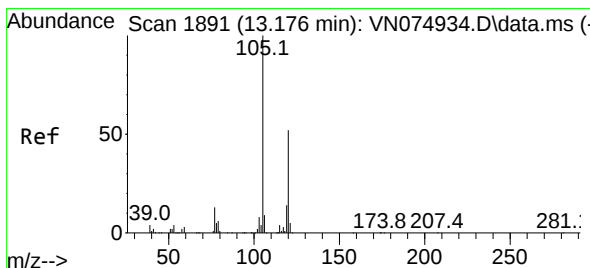
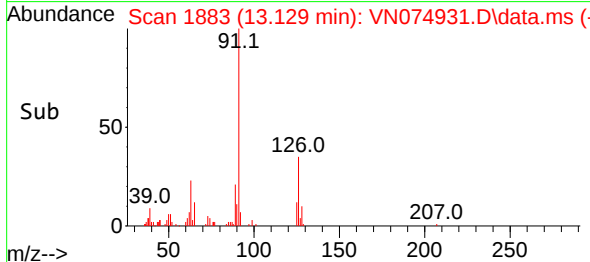
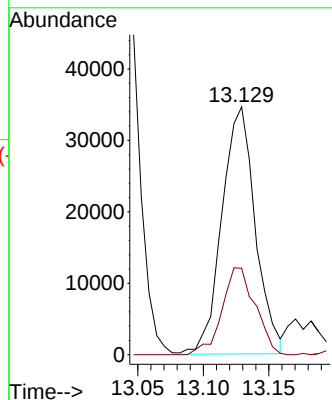
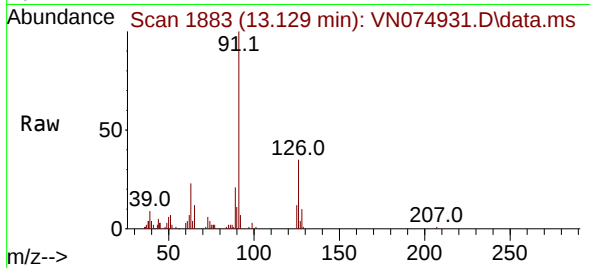
#79
2-Chlorotoluene
Concen: 5.143 ug/l
RT: 13.129 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN074931.D
Acq: 19 Oct 2022 15:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 6129
Ion Ratio Lower Upper
91 100
126 35.0 17.4 52.3

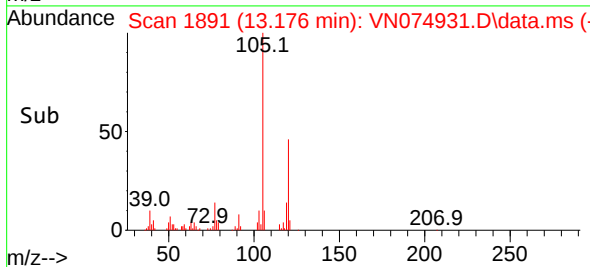
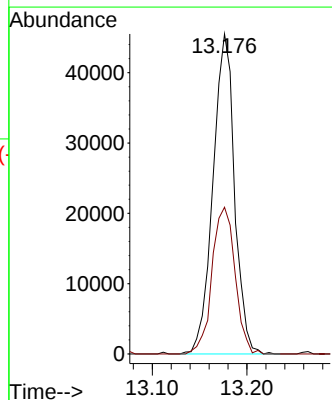
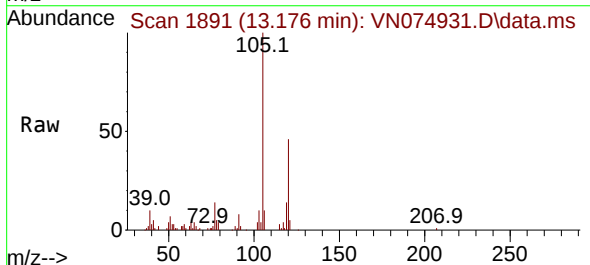
Manual Integrations
APPROVED

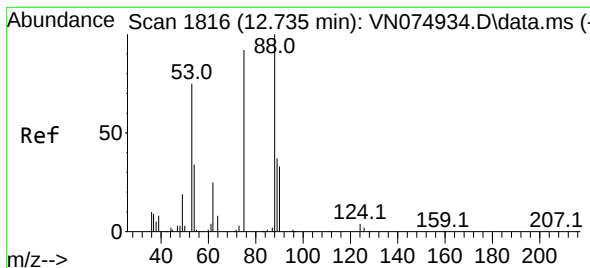
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#80
1,3,5-Trimethylbenzene
Concen: 4.911 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN074931.D
Acq: 19 Oct 2022 15:20

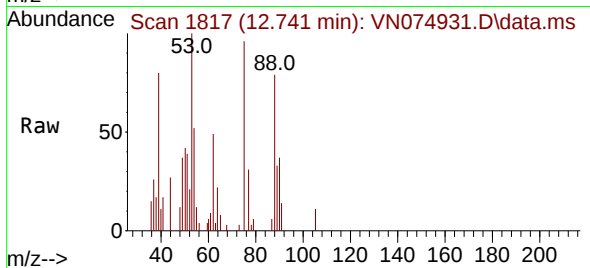
Tgt Ion:105 Resp: 72018
Ion Ratio Lower Upper
105 100
120 48.9 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 4.566 ug/l
RT: 12.741 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VN074931.D
Acq: 19 Oct 2022 15:20

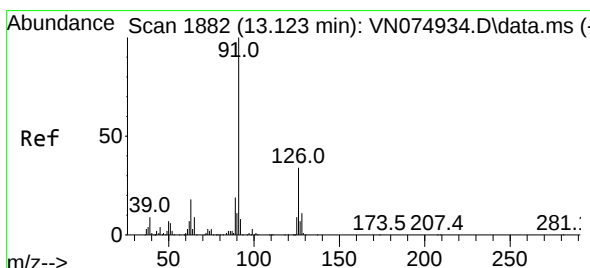
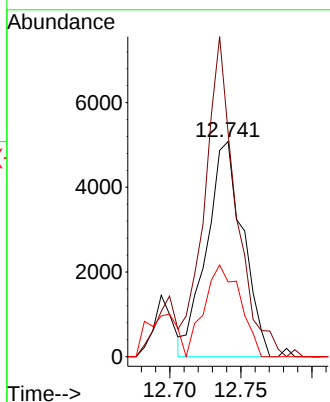
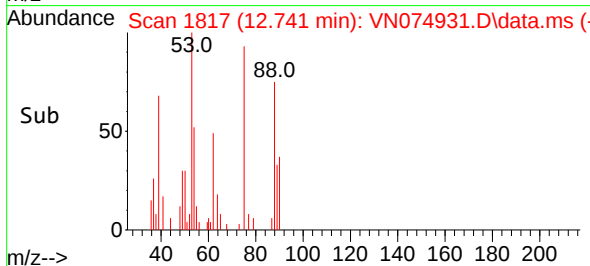
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 9000
Ion Ratio Lower Upper
75 100
53 128.1 81.4 122.0
89 42.4 35.1 52.7

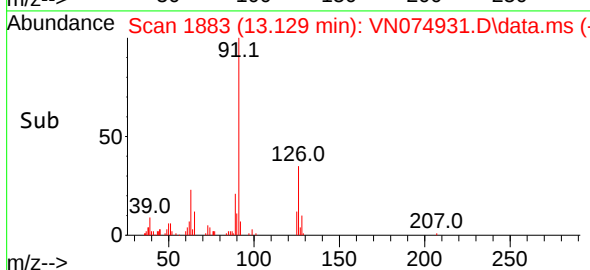
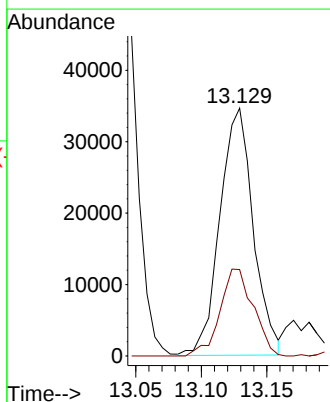
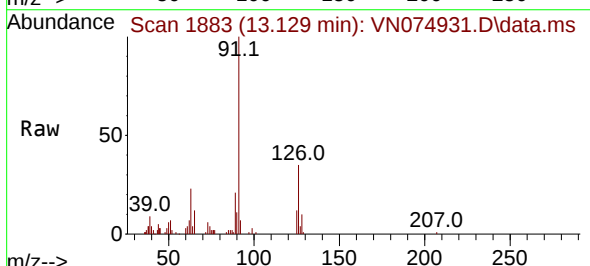
Manual Integrations
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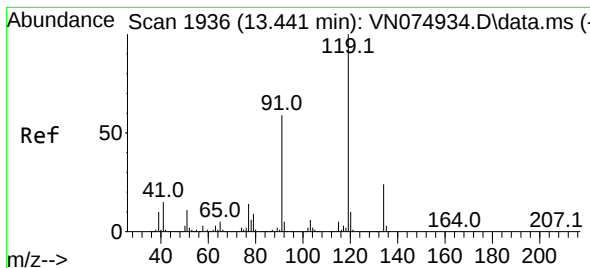
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#82
4-Chlorotoluene
Concen: 5.143 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.006 min
Lab File: VN074931.D
Acq: 19 Oct 2022 15:20

Tgt Ion: 91 Resp: 61293
Ion Ratio Lower Upper
91 100
126 35.0 17.4 52.3





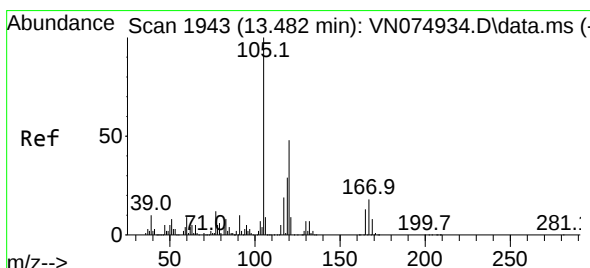
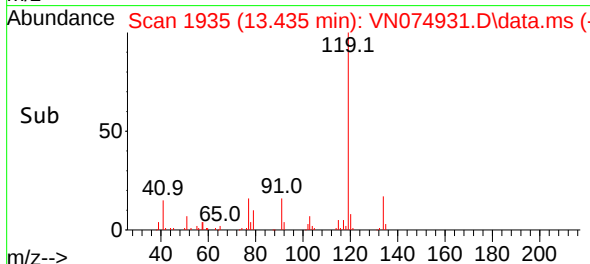
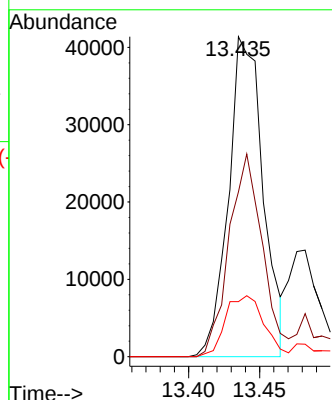
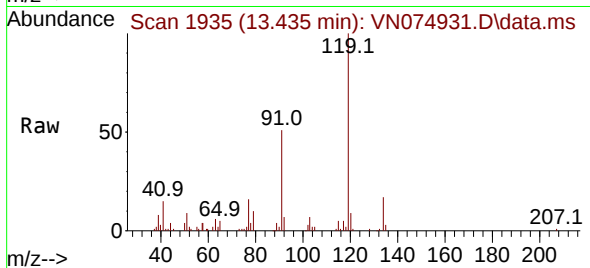
#83
tert-Butylbenzene
Concen: 5.322 ug/l
RT: 13.435 min Scan# 1935
Delta R.T. -0.006 min
Lab File: VN074931.D
Acq: 19 Oct 2022 15:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:119 Resp: 7012
Ion Ratio Lower Upper
119 100
91 61.4 29.8 89.5
134 21.2 13.5 40.5

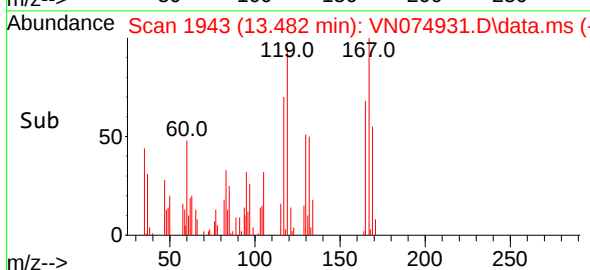
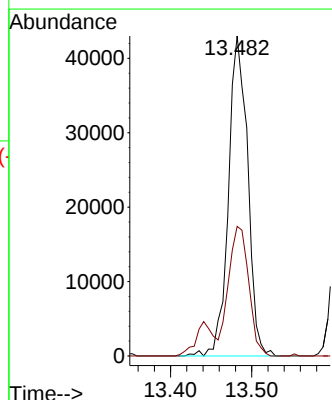
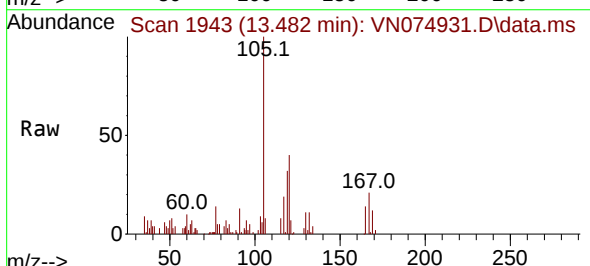
Manual Integrations
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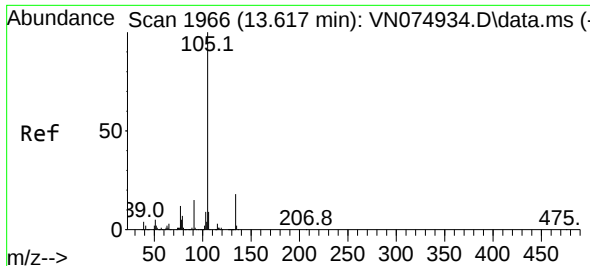
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#84
1,2,4-Trimethylbenzene
Concen: 5.037 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN074931.D
Acq: 19 Oct 2022 15:20

Tgt Ion:105 Resp: 70728
Ion Ratio Lower Upper
105 100
120 42.4 22.4 67.3





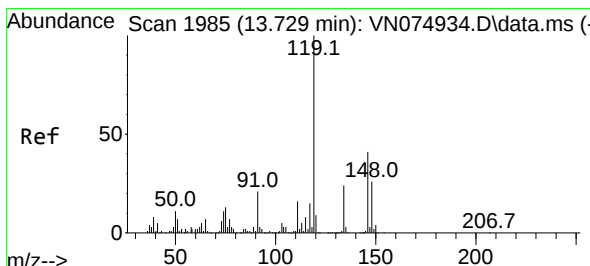
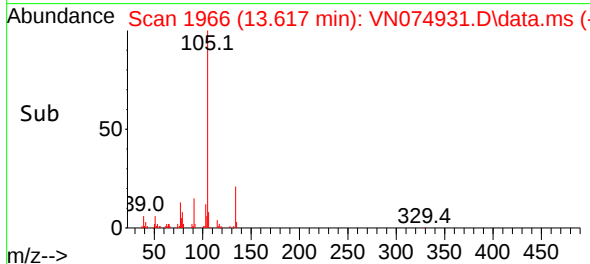
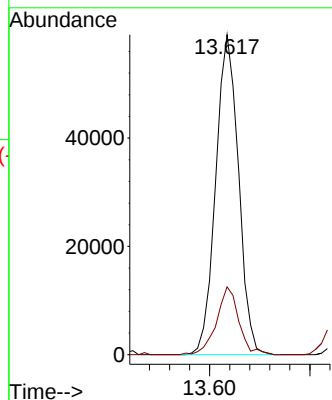
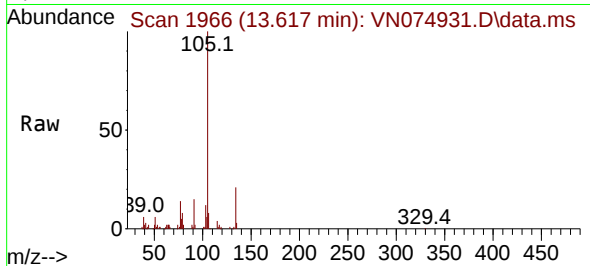
#85
 sec-Butylbenzene
 Concen: 5.226 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN074931.D
 Acq: 19 Oct 2022 15:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 9321
 Ion Ratio Lower Upper
 105 100
 134 20.7 9.6 28.6

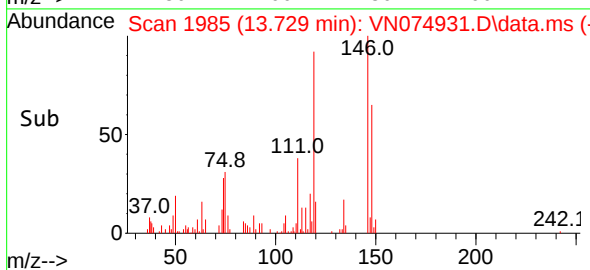
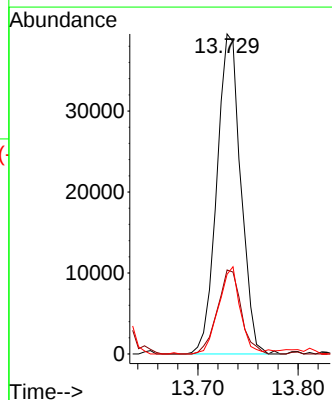
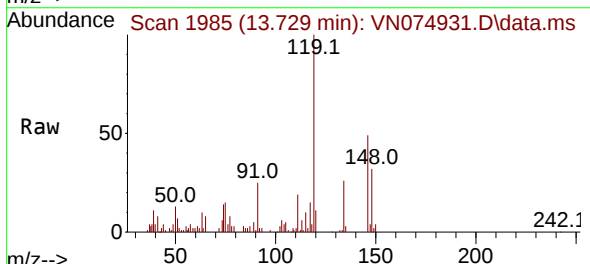
Manual Integrations
 APPROVED

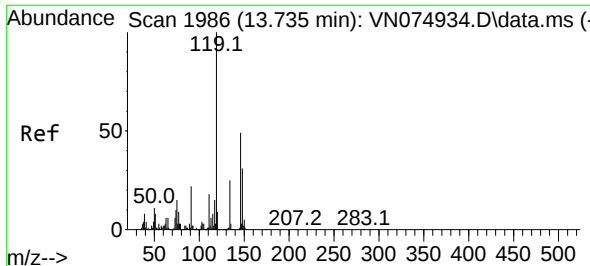
Reviewed By :John Carlone 10/20/2022
 Supervised By :Mahesh Dadoda 10/20/2022



#86
 p-Isopropyltoluene
 Concen: 4.740 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.000 min
 Lab File: VN074931.D
 Acq: 19 Oct 2022 15:20

Tgt Ion:119 Resp: 65484
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.9 38.7
 91 24.5 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 5.024 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. -0.000 min

Lab File: VN074931.D

Acq: 19 Oct 2022 15:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

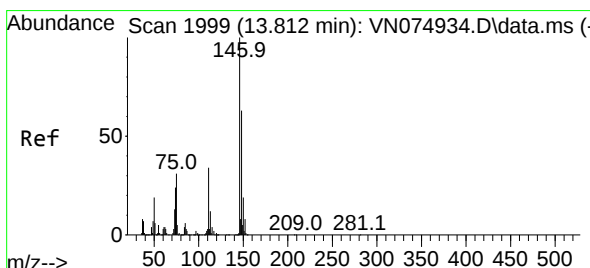
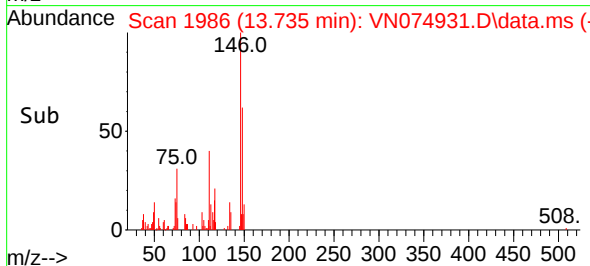
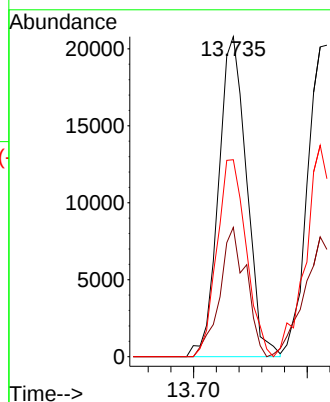
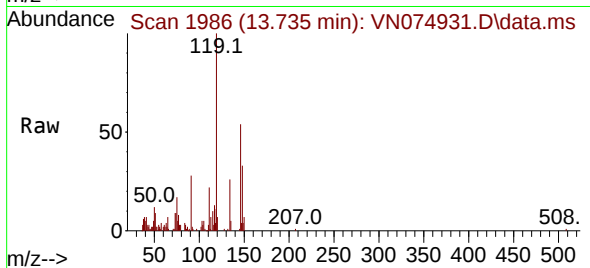
Tgt Ion:146	Resp:	35590
Ion Ratio	Lower	Upper
146	100	
111	38.1	19.1 57.5
148	64.2	31.3 93.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#88

1,4-Dichlorobenzene

Concen: 5.193 ug/l

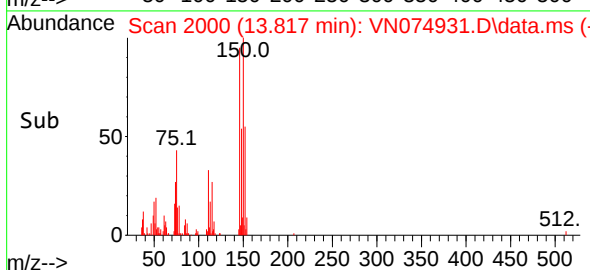
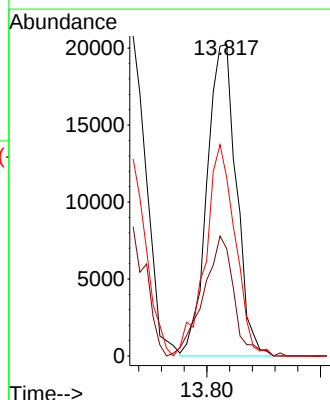
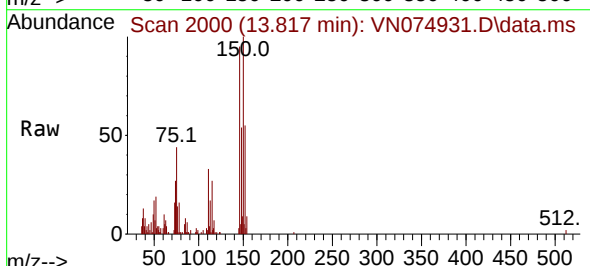
RT: 13.817 min Scan# 2000

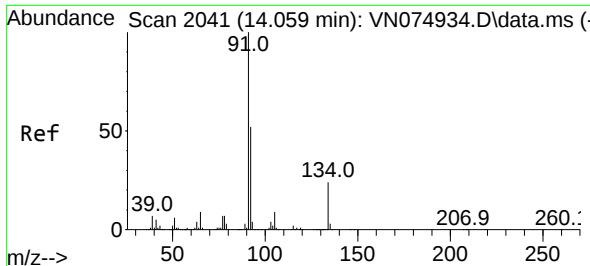
Delta R.T. 0.006 min

Lab File: VN074931.D

Acq: 19 Oct 2022 15:20

Tgt Ion:146	Resp:	36313
Ion Ratio	Lower	Upper
146	100	
111	39.9	18.0 54.0
148	68.8	31.6 95.0





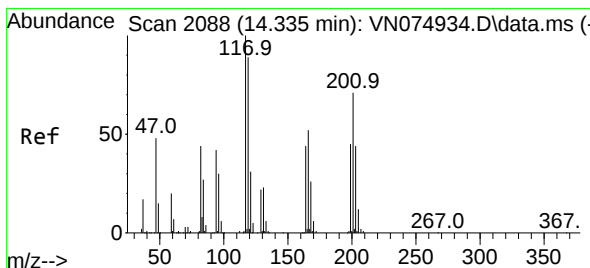
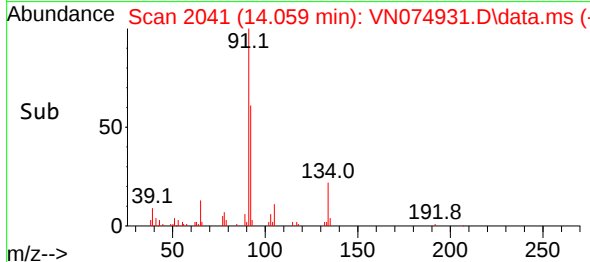
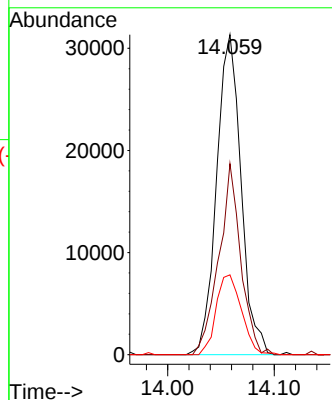
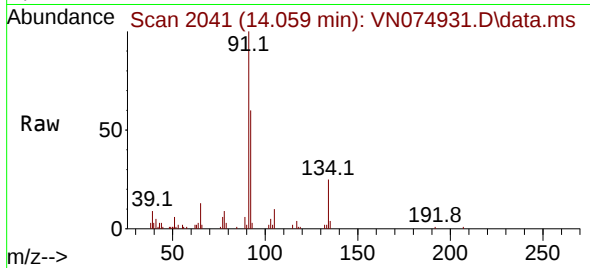
#89
n-Butylbenzene
Concen: 4.360 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN074931.D
Acq: 19 Oct 2022 15:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 49892
Ion Ratio Lower Upper
91 100
92 53.7 25.0 75.0
134 25.9 12.0 36.0

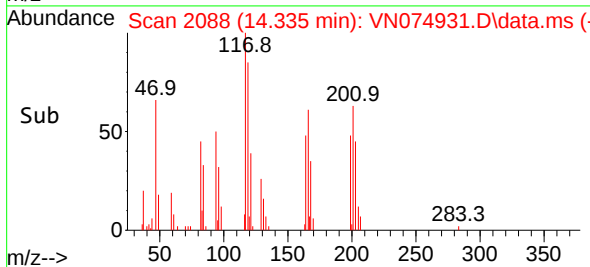
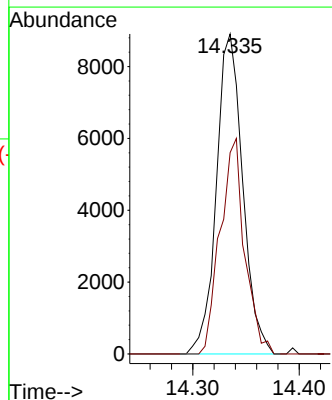
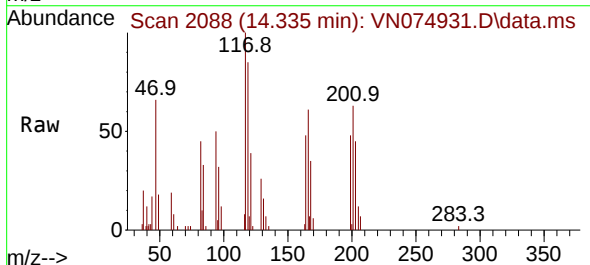
Manual Integrations
APPROVED

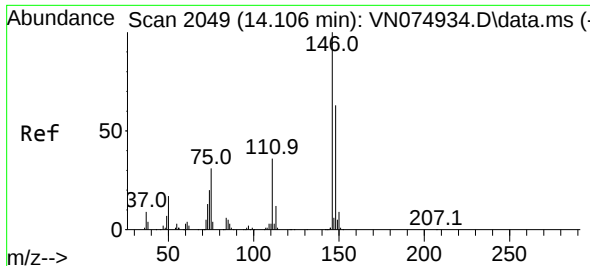
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#90
Hexachloroethane
Concen: 5.026 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VN074931.D
Acq: 19 Oct 2022 15:20

Tgt Ion:117 Resp: 15263
Ion Ratio Lower Upper
117 100
201 62.8 33.5 100.4





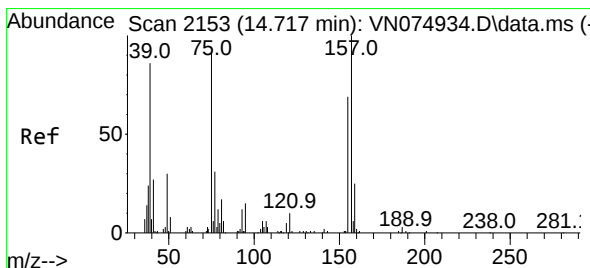
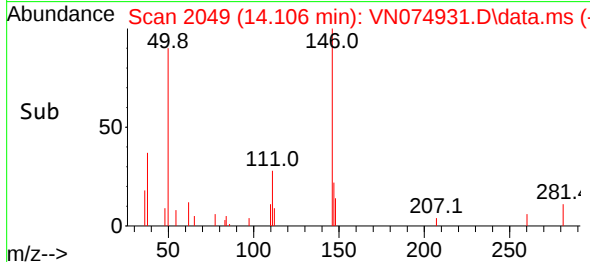
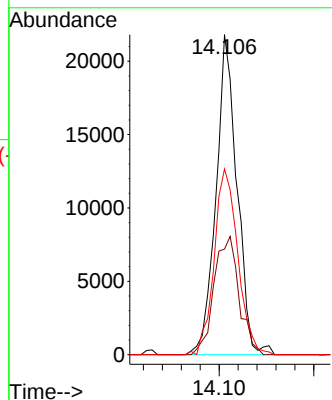
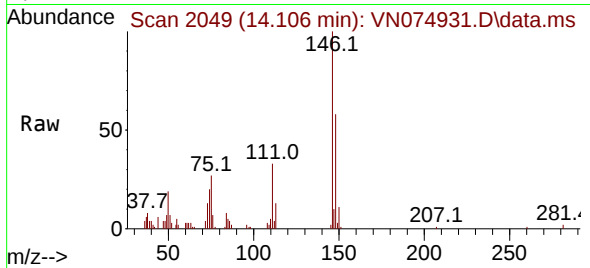
#91
1,2-Dichlorobenzene
Concen: 4.938 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN074931.D
Acq: 19 Oct 2022 15:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 3361
Ion Ratio Lower Upper
146 100
111 43.9 19.3 57.8
148 65.3 31.4 94.0

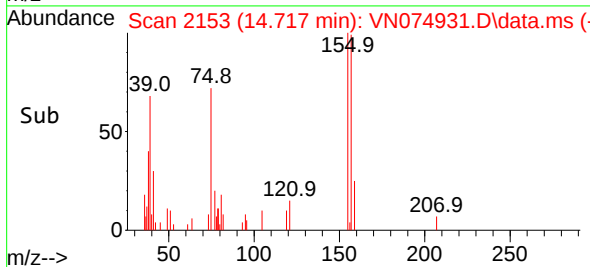
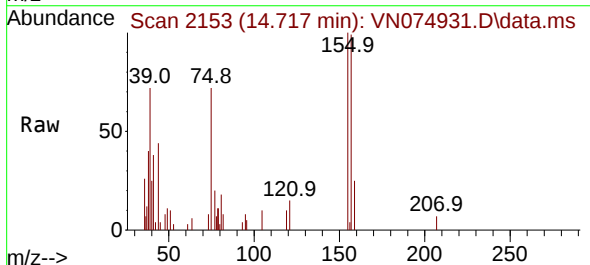
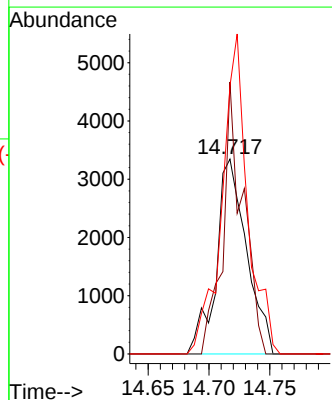
Manual Integrations
APPROVED

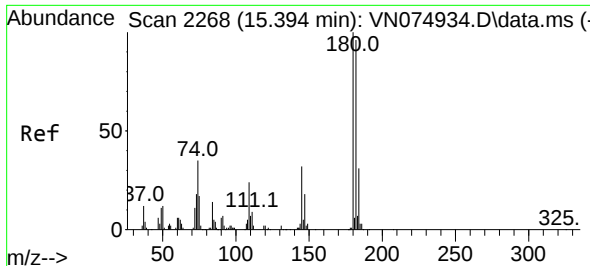
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.808 ug/l
RT: 14.717 min Scan# 2153
Delta R.T. -0.000 min
Lab File: VN074931.D
Acq: 19 Oct 2022 15:20

Tgt Ion: 75 Resp: 5822
Ion Ratio Lower Upper
75 100
155 93.7 46.6 139.7
157 139.3 59.4 178.2





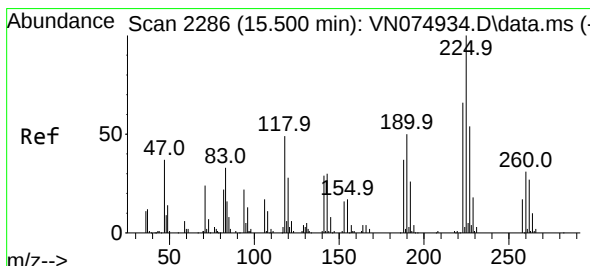
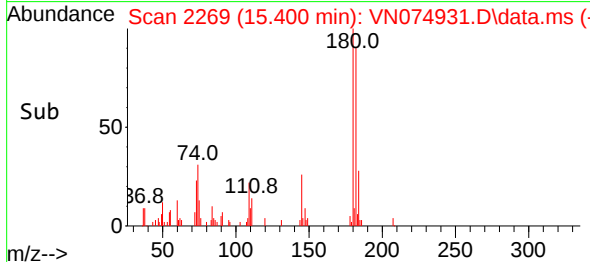
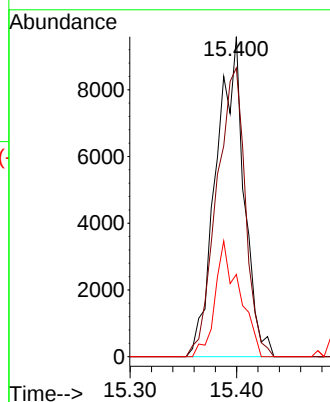
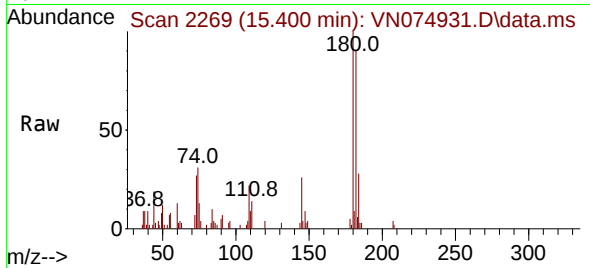
#93
1,2,4-Trichlorobenzene
Concen: 5.311 ug/l
RT: 15.400 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN074931.D
Acq: 19 Oct 2022 15:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:180 Resp: 1750
Ion Ratio Lower Upper
180 100
182 92.1 47.9 143.8
145 31.4 15.0 45.1

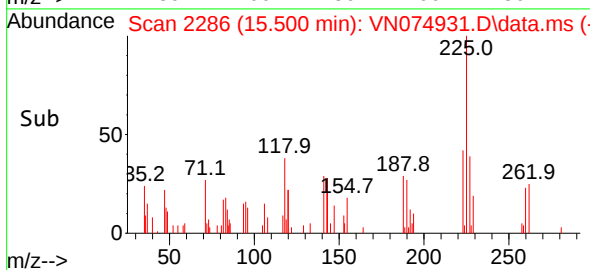
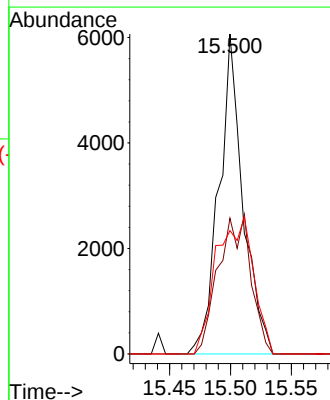
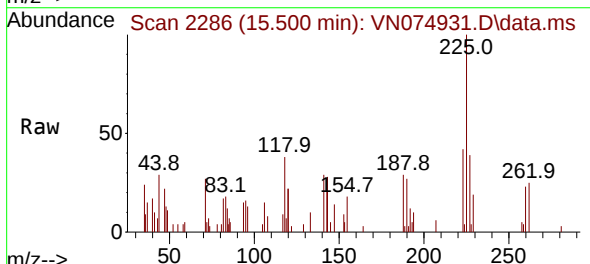
Manual Integrations
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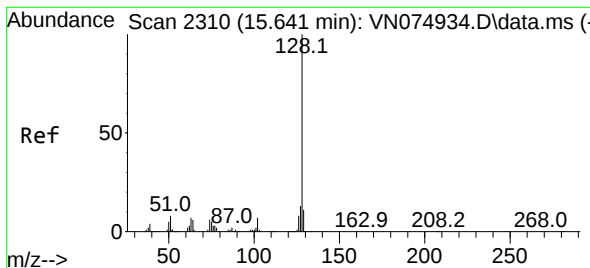
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#94
Hexachlorobutadiene
Concen: 4.763 ug/l
RT: 15.500 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VN074931.D
Acq: 19 Oct 2022 15:20

Tgt Ion:225 Resp: 8350
Ion Ratio Lower Upper
225 100
223 58.4 34.3 102.9
227 66.0 31.2 93.6





#95

Naphthalene

Concen: 4.537 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. -0.000 min

Lab File: VN074931.D

Acq: 19 Oct 2022 15:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

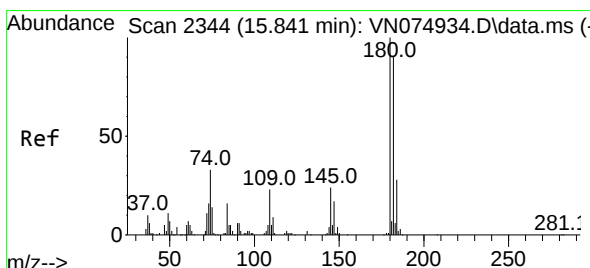
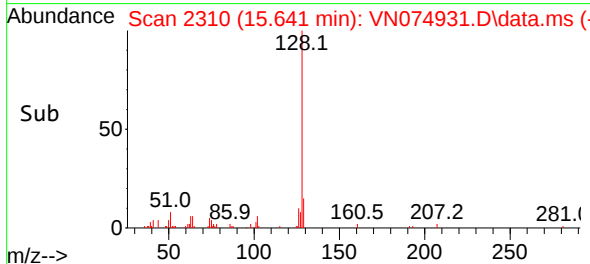
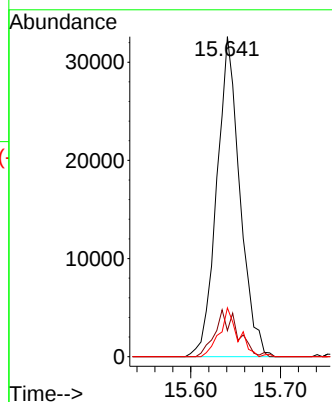
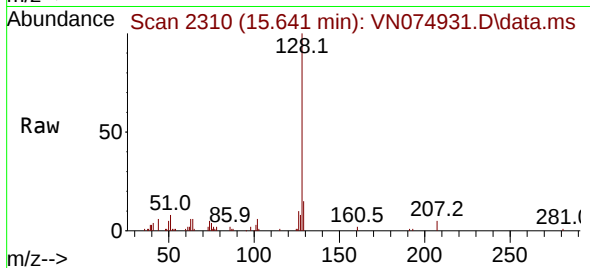
Tgt Ion:	128	Resp:	58354
Ion Ratio	Lower	Upper	
128	100		
127	14.5	10.4	15.6
129	12.3	8.6	12.8

Manual Integrations

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Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#96

1,2,3-Trichlorobenzene

Concen: 5.206 ug/l

RT: 15.847 min Scan# 2345

Delta R.T. 0.006 min

Lab File: VN074931.D

Acq: 19 Oct 2022 15:20

Tgt Ion:	180	Resp:	18750
Ion Ratio	Lower	Upper	
180	100		
182	92.7	46.0	138.0
145	35.5	13.6	40.7

