

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101922\
 Data File : VN074933.D
 Acq On : 19 Oct 2022 16:08
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Quant Time: Oct 20 05:47:31 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	8.236	168	249568	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	418328	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	465297	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	242041	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	110953	18.731	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	37.460%#		
35) Dibromofluoromethane	8.177	113	93316	20.338	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	40.680%#		
50) Toluene-d8	10.571	98	386092	20.745	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	41.500%#		
62) 4-Bromofluorobenzene	12.853	95	100291	19.726	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	39.460%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.148	85	80263	18.590	ug/l	98
3) Chloromethane	2.383	50	115938	17.777	ug/l	95
4) Vinyl Chloride	2.530	62	190621	18.380	ug/l	95
5) Bromomethane	2.942	94	159993	15.283	ug/l	91
6) Chloroethane	3.124	64	170117	16.584	ug/l	97
7) Trichlorofluoromethane	3.506	101	123593	18.142	ug/l	98
8) Diethyl Ether	3.989	74	54830	17.557	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.389	101	77163	18.090	ug/l	99
10) Methyl Iodide	4.612	142	109993	19.346	ug/l	95
11) Tert butyl alcohol	5.553	59	133933	95.936	ug/l	99
12) 1,1-Dichloroethene	4.353	96	73137	18.752	ug/l	84
13) Acrolein	4.206	56	87054	85.163	ug/l	100
14) Allyl chloride	5.048	41	141048m	18.564	ug/l	
15) Acrylonitrile	5.742	53	338347	97.156	ug/l	99
16) Acetone	4.459	43	269146	89.389	ug/l	93
17) Carbon Disulfide	4.736	76	163152	17.999	ug/l	95
18) Methyl Acetate	5.059	43	194771	18.240	ug/l	96
19) Methyl tert-butyl Ether	5.818	73	288146	18.922	ug/l	95
20) Methylene Chloride	5.300	84	96555	16.145	ug/l	94
21) trans-1,2-Dichloroethene	5.812	96	77539	17.841	ug/l	96
22) Diisopropyl ether	6.683	45	304849	18.480	ug/l	98
23) Vinyl Acetate	6.624	43	1287582	103.129	ug/l	98
24) 1,1-Dichloroethane	6.583	63	164576	18.016	ug/l	97
25) 2-Butanone	7.494	43	456497	93.354	ug/l	92
26) 2,2-Dichloropropane	7.506	77	141532	18.627	ug/l	96
27) cis-1,2-Dichloroethene	7.500	96	102140	17.793	ug/l	98
28) Bromochloromethane	7.824	49	86470	21.305	ug/l	98
29) Tetrahydrofuran	7.847	42	298996	94.862	ug/l	99
30) Chloroform	7.977	83	171797	18.802	ug/l	98
31) Cyclohexane	8.265	56	139302	18.353	ug/l #	96
32) 1,1,1-Trichloroethane	8.177	97	138861	17.951	ug/l	99
36) 1,1-Dichloropropene	8.383	75	115231	18.400	ug/l	97
37) Ethyl Acetate	7.571	43	180315	19.477	ug/l	96
38) Carbon Tetrachloride	8.377	117	114654	18.673	ug/l	94
39) Methylcyclohexane	9.606	83	138226	18.994	ug/l	98
40) Benzene	8.612	78	390963	19.405	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	92008	18.938	ug/l	99
42) 1,2-Dichloroethane	8.677	62	134890	19.594	ug/l	100
43) Isopropyl Acetate	8.694	43	278987	19.951	ug/l	100
44) Trichloroethene	9.359	130	87202	18.659	ug/l	86
45) 1,2-Dichloropropane	9.630	63	106153	19.175	ug/l	99
46) Dibromomethane	9.712	93	68930	19.133	ug/l	95
47) Bromodichloromethane	9.894	83	134350	19.778	ug/l	98
48) Methyl methacrylate	9.688	41	116948	19.126	ug/l	97
49) 1,4-Dioxane	9.694	88	54582	400.677	ug/l #	93
51) 4-Methyl-2-Pentanone	10.447	43	945984	100.840	ug/l	99
52) Toluene	10.630	92	242942	19.261	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	145805	20.142	ug/l #	87
54) cis-1,3-Dichloropropene	10.318	75	157213	19.684	ug/l	94
55) 1,1,2-Trichloroethane	11.024	97	102405	19.561	ug/l	93
56) Ethyl methacrylate	10.877	69	162966	20.143	ug/l	97
57) 1,3-Dichloropropane	11.165	76	175308	19.161	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.165	63	358094	105.035	ug/l	99
59) 2-Hexanone	11.200	43	706744	102.395	ug/l	99
60) Dibromochloromethane	11.359	129	100355	19.583	ug/l	98
61) 1,2-Dibromoethane	11.471	107	98972	19.139	ug/l	99
64) Tetrachloroethene	11.112	164	71080	18.319	ug/l #	87
65) Chlorobenzene	11.894	112	251757	18.676	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	96227	18.880	ug/l	95
67) Ethyl Benzene	11.965	91	464925	19.969	ug/l	99
68) m/p-Xylenes	12.071	106	354125	39.480	ug/l	97
69) o-Xylene	12.400	106	179741	19.499	ug/l	100
70) Styrene	12.412	104	270518	19.531	ug/l	98
71) Bromoform	12.582	173	67555	19.359	ug/l #	95
73) Isopropylbenzene	12.694	105	451523	20.460	ug/l	100
74) N-amyl acetate	12.494	43	219475	19.884	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	161970	19.120	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	113954m	18.847	ug/l	
77) Bromobenzene	12.982	156	95507	19.798	ug/l	97
78) n-propylbenzene	13.035	91	499895	20.271	ug/l	98
79) 2-Chlorotoluene	13.129	91	276135	19.338	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	342612	19.498	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	45783	19.374	ug/l	87
82) 4-Chlorotoluene	13.129	91	276135	19.338	ug/l	98
83) tert-Butylbenzene	13.441	119	316343	20.037	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	325867	19.370	ug/l	95
85) sec-Butylbenzene	13.618	105	440851	20.629	ug/l	99
86) p-Isopropyltoluene	13.729	119	334189	20.191	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	153869	18.127	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	153874	18.366	ug/l	98
89) n-Butylbenzene	14.059	91	264447	19.289	ug/l	98
90) Hexachloroethane	14.335	117	64741	17.791	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	153082	18.769	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.718	75	26430	18.218	ug/l	89
93) 1,2,4-Trichlorobenzene	15.394	180	74869	18.959	ug/l	98
94) Hexachlorobutadiene	15.500	225	37641	17.921	ug/l	96
95) Naphthalene	15.641	128	292400	18.973	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	79663	18.460	ug/l	96

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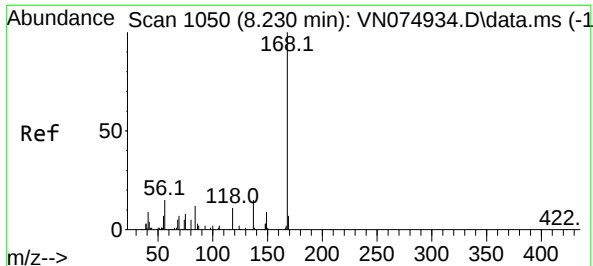
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 10/20/2022

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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



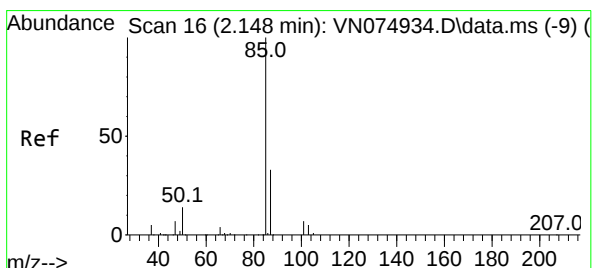
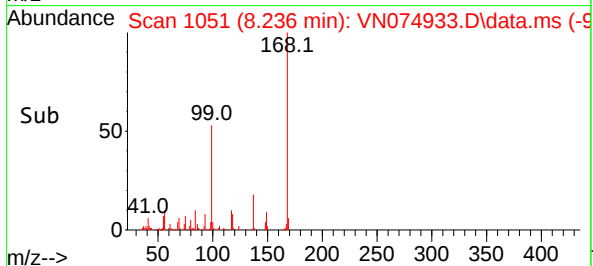
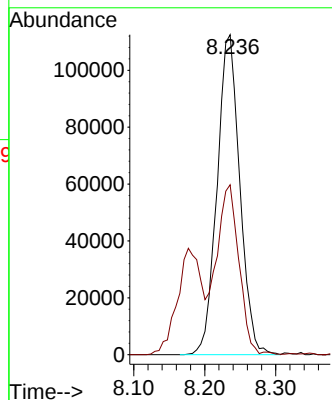
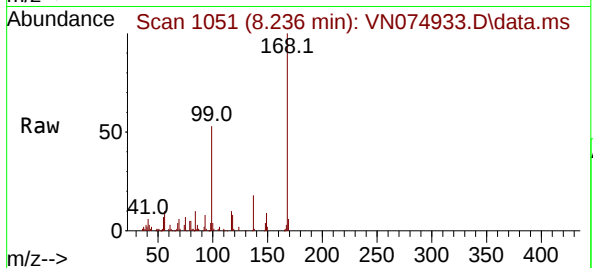
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. 0.006 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:168 Resp: 24956
Ion Ratio Lower Upper
168 100
99 52.9 39.9 59.9

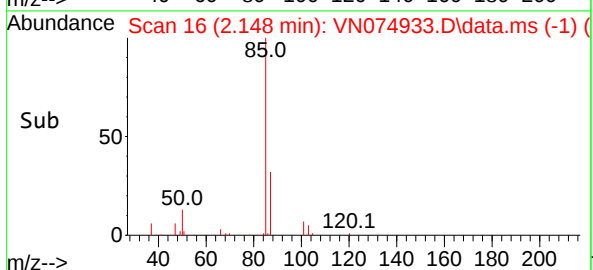
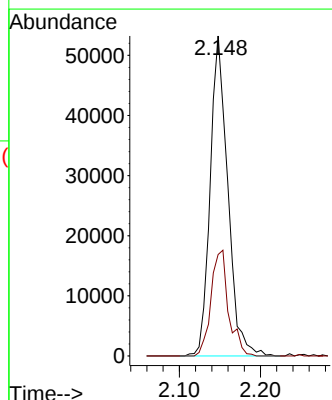
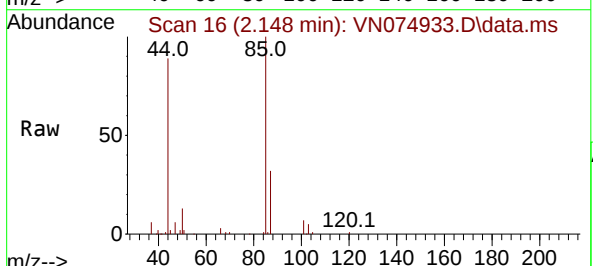
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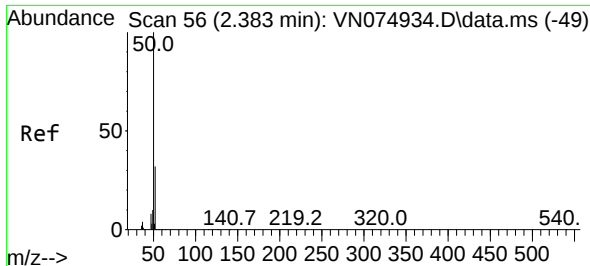
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#2
Dichlorodifluoromethane
Concen: 18.590 ug/l
RT: 2.148 min Scan# 16
Delta R.T. 0.000 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

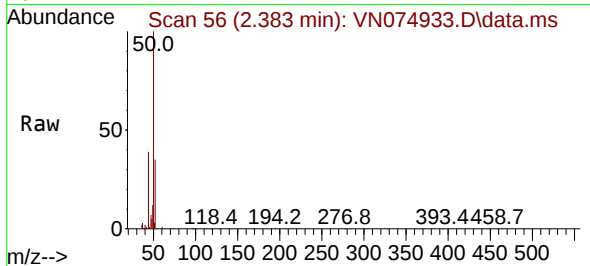
Tgt Ion: 85 Resp: 80263
Ion Ratio Lower Upper
85 100
87 31.7 16.4 49.4





#3
Chloromethane
Concen: 17.777 ug/l
RT: 2.383 min Scan# 50
Delta R.T. 0.000 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

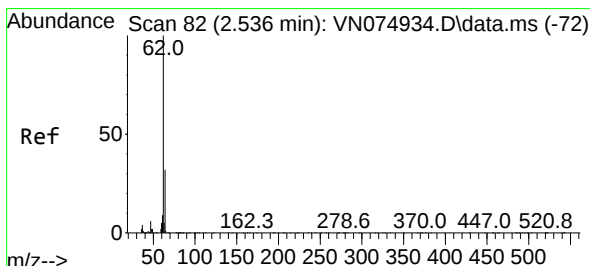
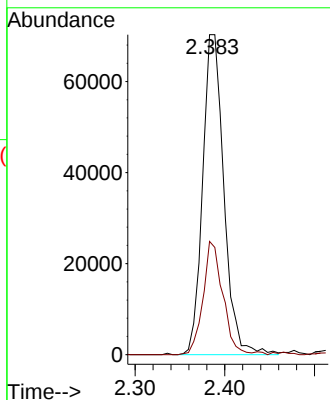
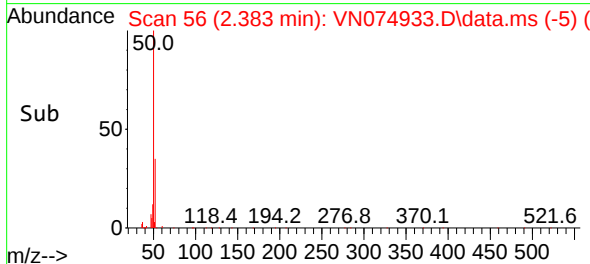
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



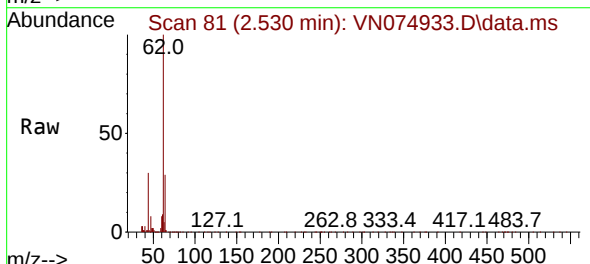
Tgt Ion: 50 Resp: 115938
Ion Ratio Lower Upper
50 100
52 35.4 26.0 39.0

Manual Integrations
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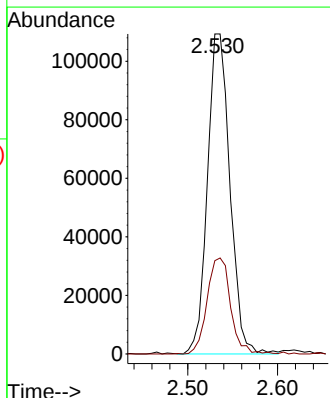
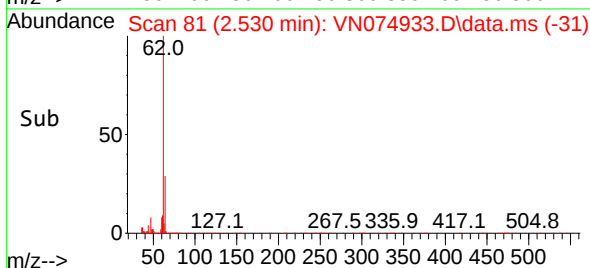
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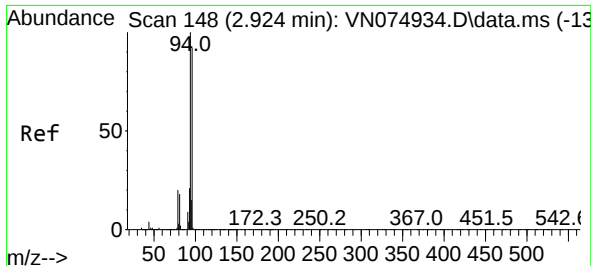


#4
Vinyl Chloride
Concen: 18.380 ug/l
RT: 2.530 min Scan# 81
Delta R.T. -0.006 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08



Tgt Ion: 62 Resp: 190621
Ion Ratio Lower Upper
62 100
64 29.0 25.4 38.2





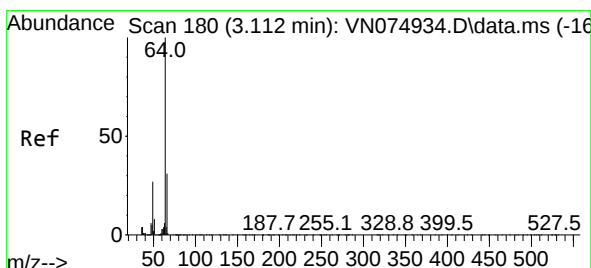
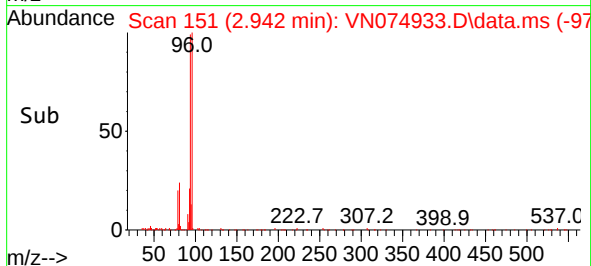
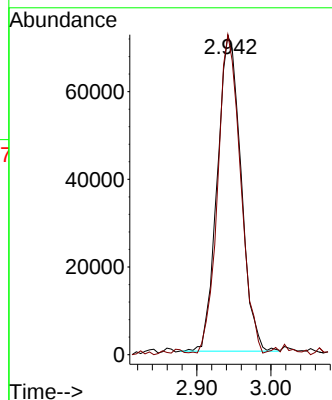
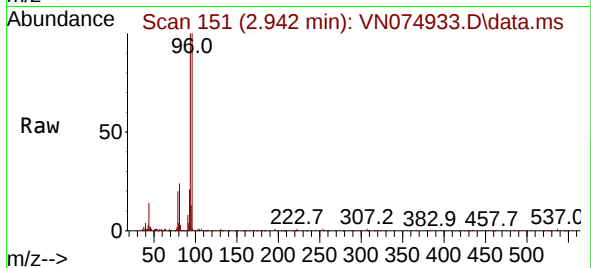
#5
Bromomethane
Concen: 15.283 ug/l
RT: 2.942 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN074933.D
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Instrument :
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VSTDICC020

Tgt Ion: 94 Resp: 15999
Ion Ratio Lower Upper
94 100
96 100.4 73.8 110.6

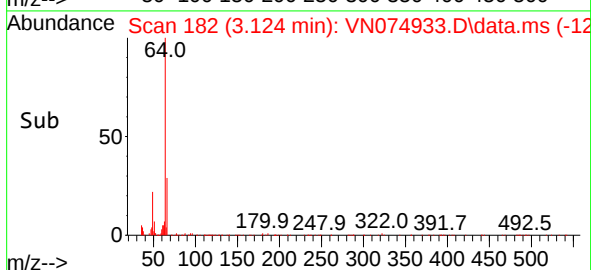
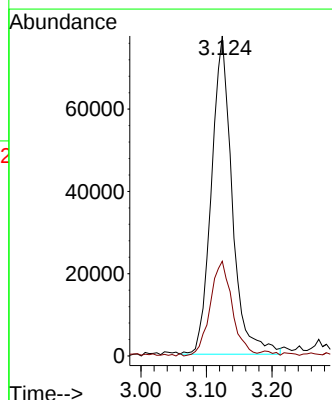
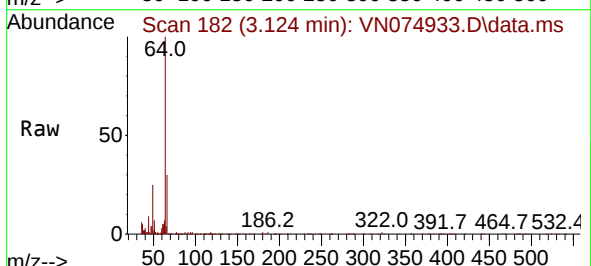
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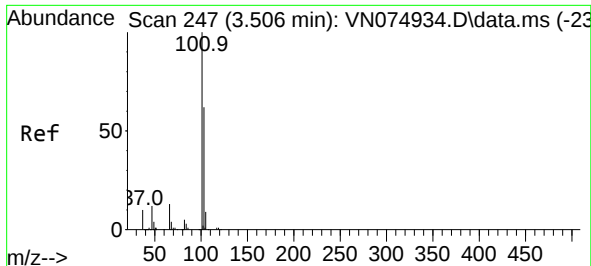
Reviewed By :John Carlone 10/20/2022
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#6
Chloroethane
Concen: 16.584 ug/l
RT: 3.124 min Scan# 182
Delta R.T. 0.012 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

Tgt Ion: 64 Resp: 170117
Ion Ratio Lower Upper
64 100
66 29.5 24.9 37.3





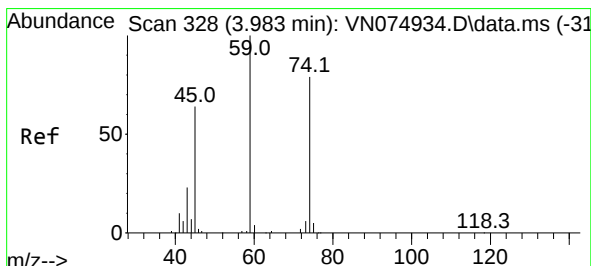
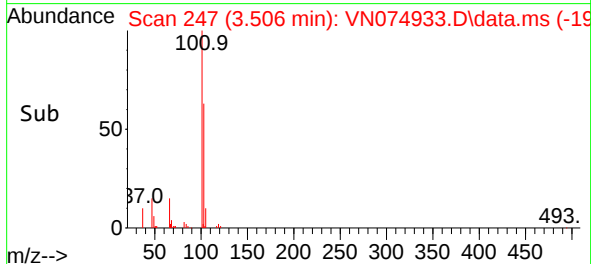
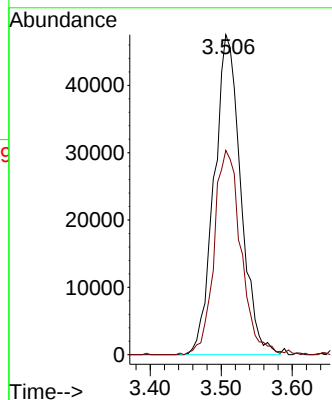
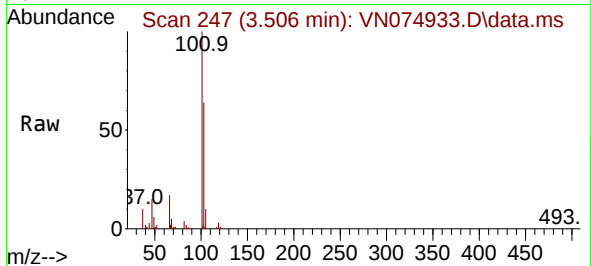
#7
Trichlorofluoromethane
Concen: 18.142 ug/l
RT: 3.506 min Scan# 247
Delta R.T. 0.000 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 12359
Ion Ratio Lower Upper
101 100
103 63.4 49.5 74.3

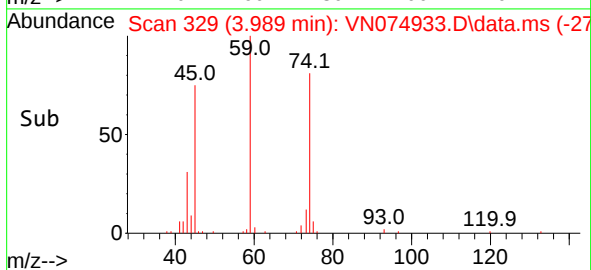
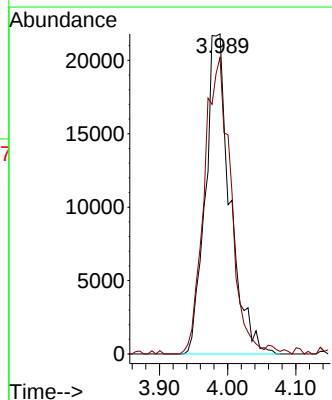
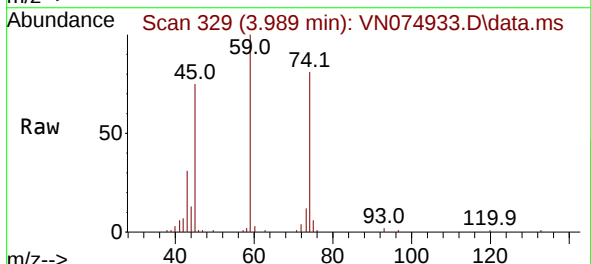
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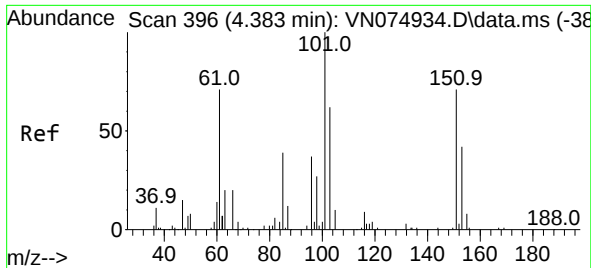
Reviewed By :John Carlone 10/20/2022
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#8
Diethyl Ether
Concen: 17.557 ug/l
RT: 3.989 min Scan# 329
Delta R.T. 0.006 min
Lab File: VN074933.D
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Tgt Ion: 74 Resp: 54830
Ion Ratio Lower Upper
74 100
45 99.2 46.8 140.3





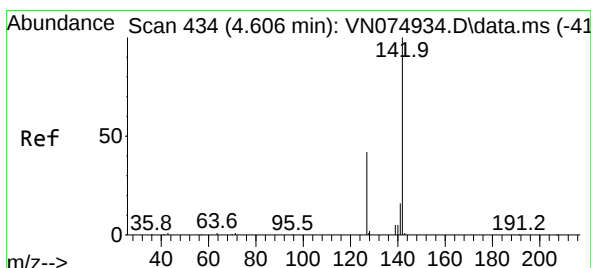
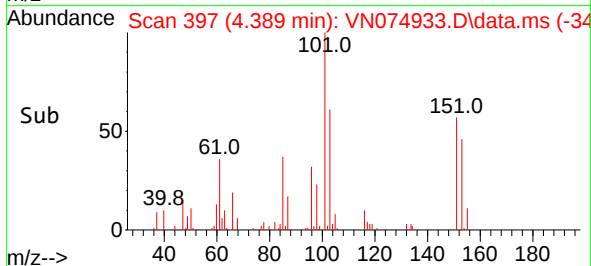
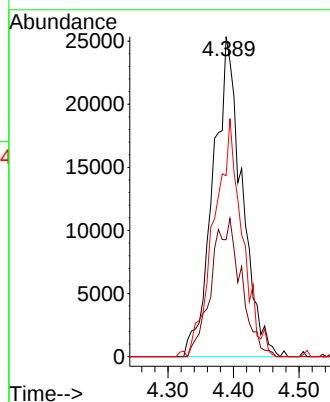
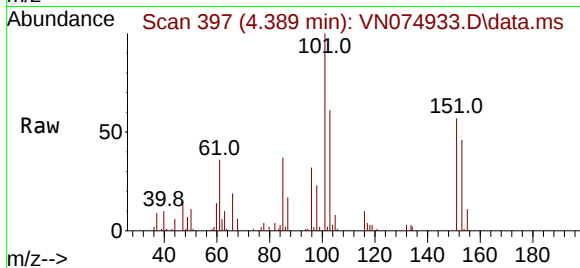
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.090 ug/l
RT: 4.389 min Scan# 396
Delta R.T. 0.006 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 7716
Ion Ratio Lower Upper
101 100
85 44.9 37.4 56.0
151 73.1 58.0 87.0

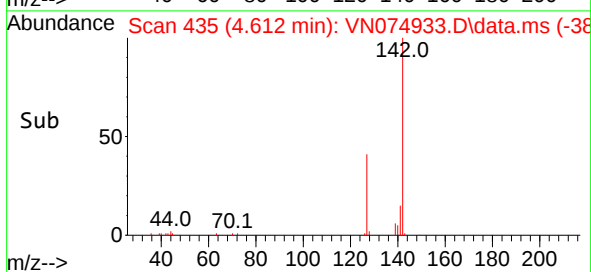
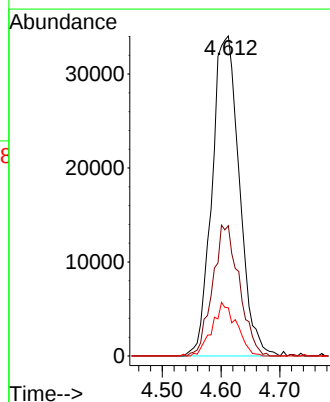
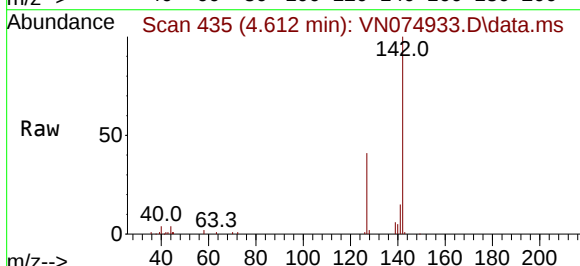
Manual Integrations
APPROVED

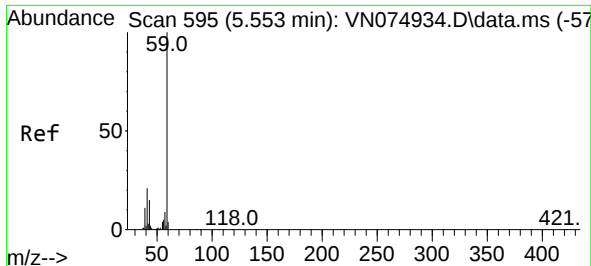
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#10
Methyl Iodide
Concen: 19.346 ug/l
RT: 4.612 min Scan# 435
Delta R.T. 0.006 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

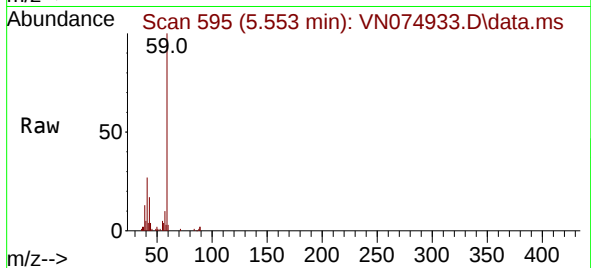
Tgt Ion:142 Resp: 109993
Ion Ratio Lower Upper
142 100
127 40.0 35.3 52.9
141 15.0 12.3 18.5





#11
Tert butyl alcohol
Concen: 95.936 ug/l
RT: 5.553 min Scan# 595
Delta R.T. 0.000 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

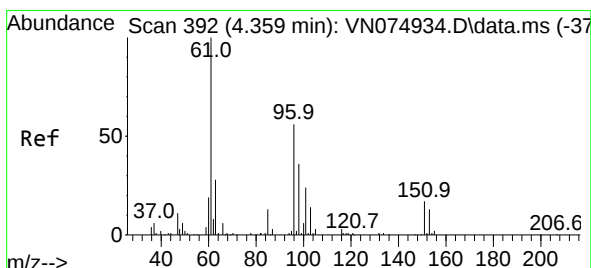
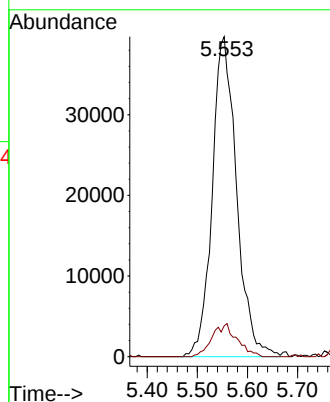
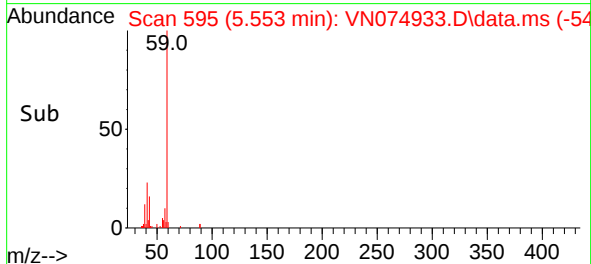
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



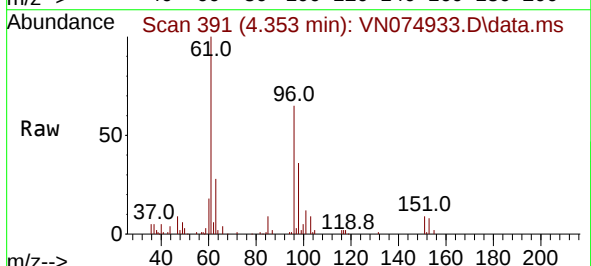
Tgt Ion: 59 Resp: 13393
Ion Ratio Lower Upper
59 100
57 10.6 8.6 13.0

Manual Integrations
APPROVED

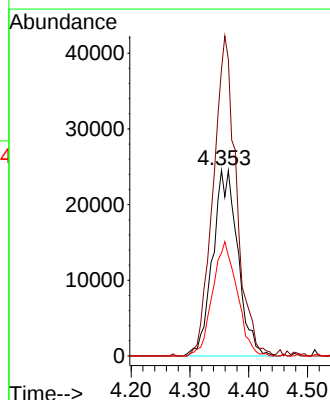
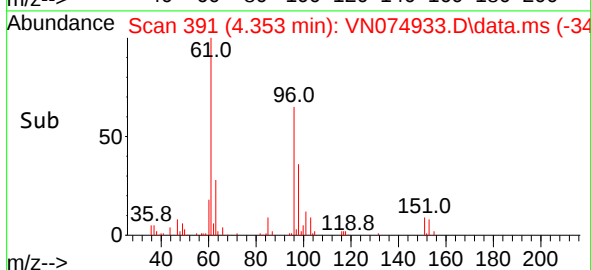
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

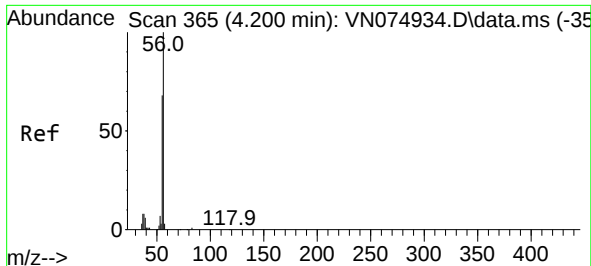


#12
1,1-Dichloroethene
Concen: 18.752 ug/l
RT: 4.353 min Scan# 391
Delta R.T. -0.006 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08



Tgt Ion: 96 Resp: 73137
Ion Ratio Lower Upper
96 100
61 154.4 142.9 214.3
98 55.4 51.8 77.6





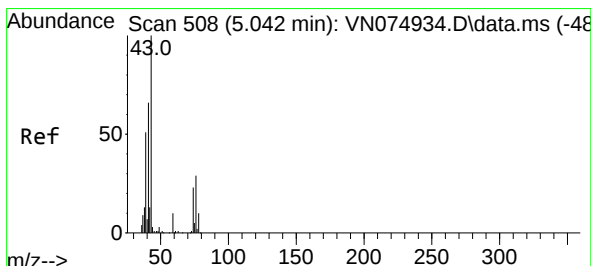
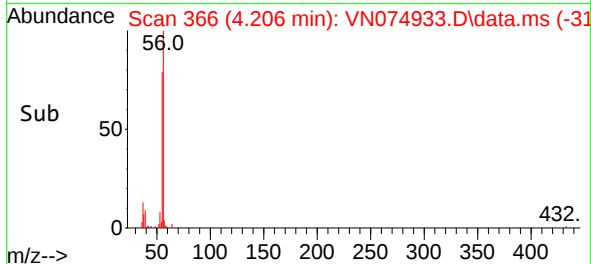
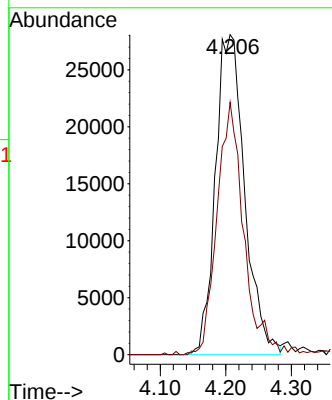
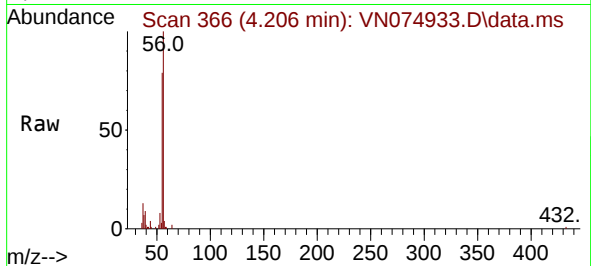
#13
Acrolein
Concen: 85.163 ug/l
RT: 4.206 min Scan# 365
Delta R.T. 0.006 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

Instrument :
MSVOA_N
Client Sample Id :
VSTDICC020

Tgt Ion: 56 Resp: 87054
Ion Ratio Lower Upper
56 100
55 71.4 57.0 85.6

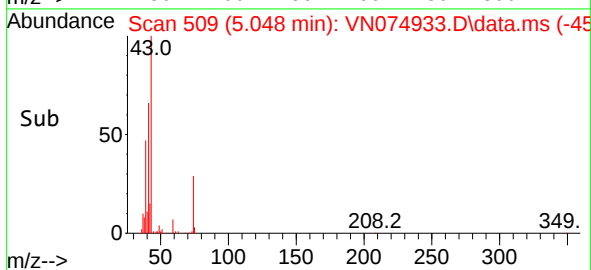
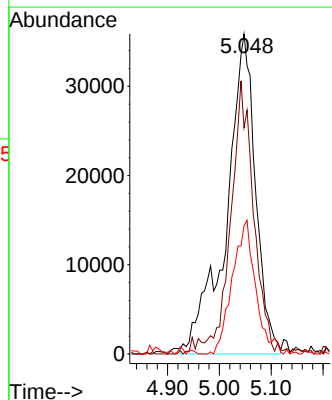
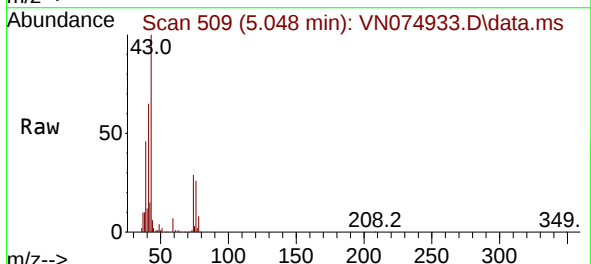
Manual Integrations
APPROVED

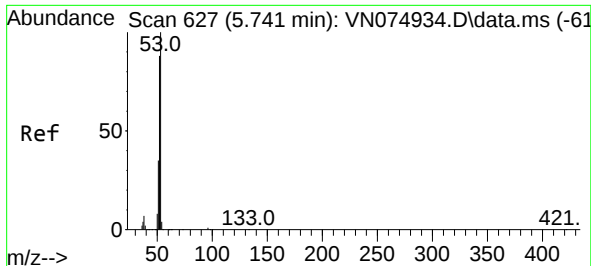
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#14
Allyl chloride
Concen: 18.564 ug/l m
RT: 5.048 min Scan# 509
Delta R.T. 0.006 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

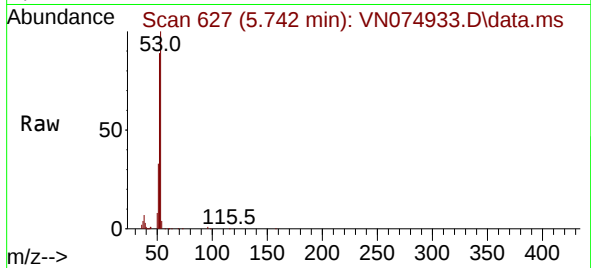
Tgt Ion: 41 Resp: 141048
Ion Ratio Lower Upper
41 100
39 67.3 56.9 85.3
76 33.1 29.0 43.6





#15
Acrylonitrile
Concen: 97.156 ug/l
RT: 5.742 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

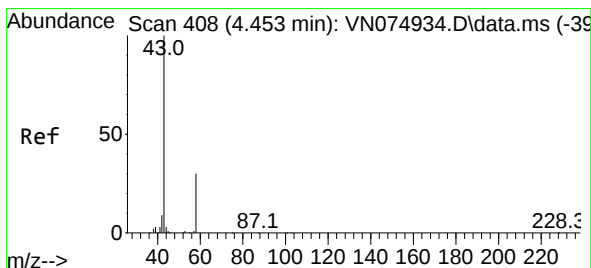
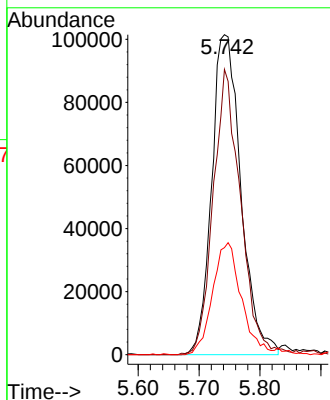
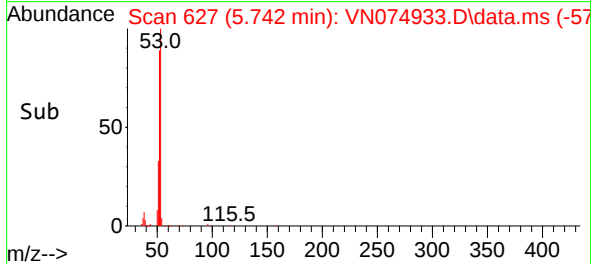
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



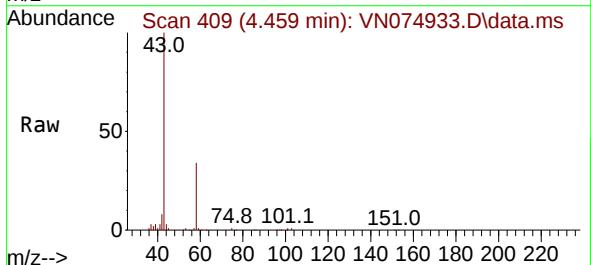
Tgt Ion: 53 Resp: 33834
Ion Ratio Lower Upper
53 100
52 83.2 66.5 99.7
51 34.3 29.2 43.8

Manual Integrations
APPROVED

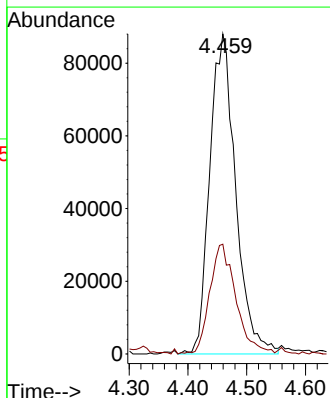
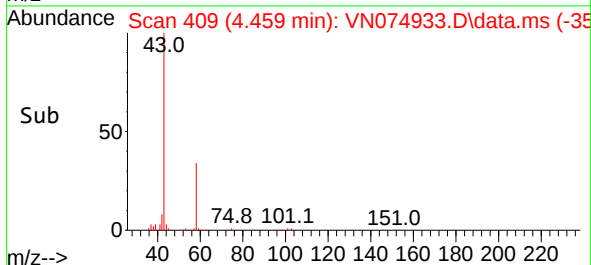
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

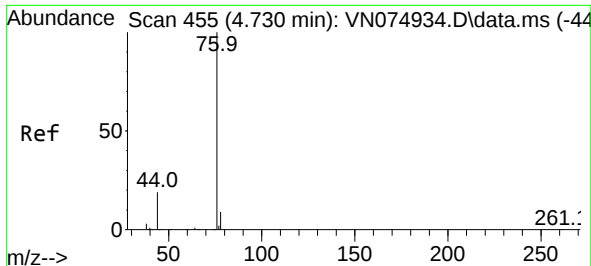


#16
Acetone
Concen: 89.389 ug/l
RT: 4.459 min Scan# 409
Delta R.T. 0.006 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08



Tgt Ion: 43 Resp: 269146
Ion Ratio Lower Upper
43 100
58 34.3 24.5 36.7





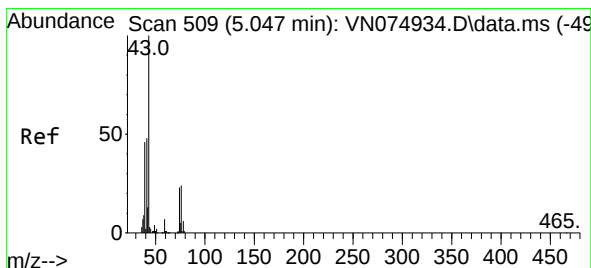
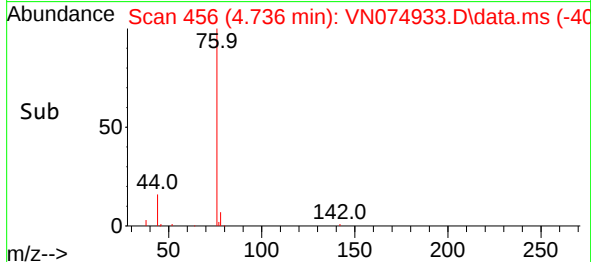
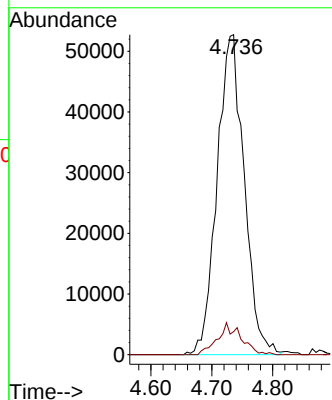
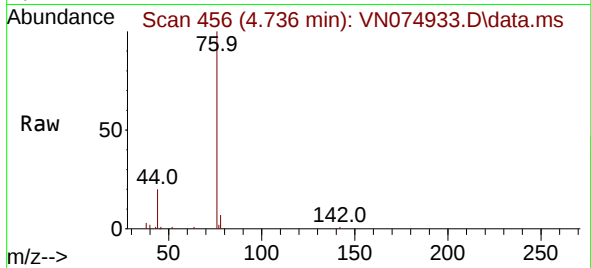
#17
Carbon Disulfide
Concen: 17.999 ug/l
RT: 4.736 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 76 Resp: 163152
Ion Ratio Lower Upper
76 100
78 7.2 7.2 10.8

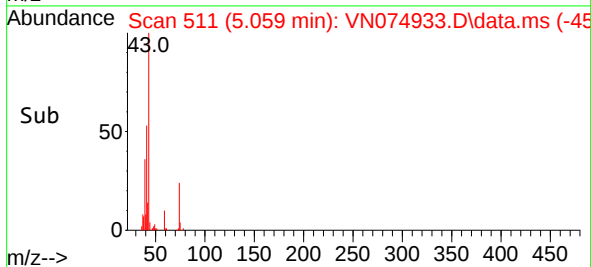
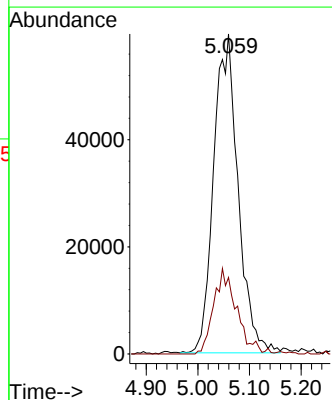
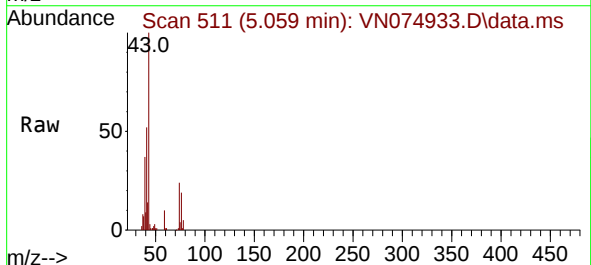
Manual Integrations
APPROVED

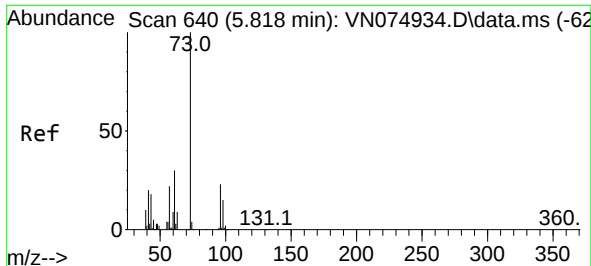
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#18
Methyl Acetate
Concen: 18.240 ug/l
RT: 5.059 min Scan# 511
Delta R.T. 0.012 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

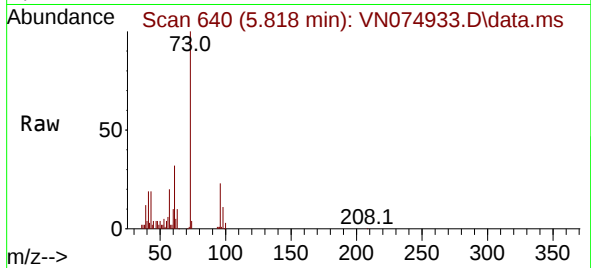
Tgt Ion: 43 Resp: 194771
Ion Ratio Lower Upper
43 100
74 25.1 18.4 27.6





#19
Methyl tert-butyl Ether
Concen: 18.922 ug/l
RT: 5.818 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

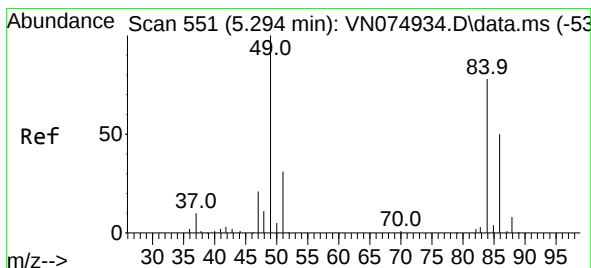
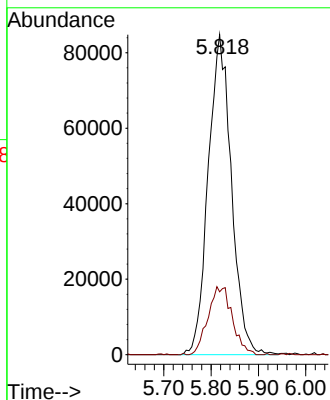
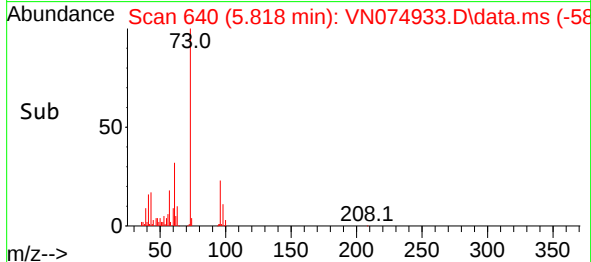
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 73 Resp: 288140
Ion Ratio Lower Upper
73 100
57 19.7 17.7 26.5

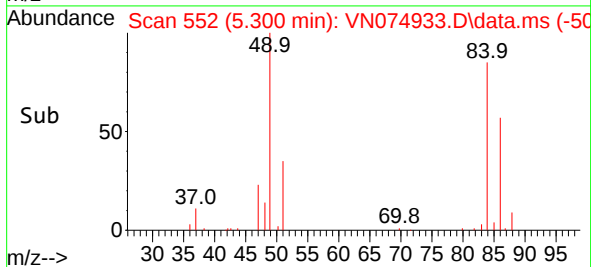
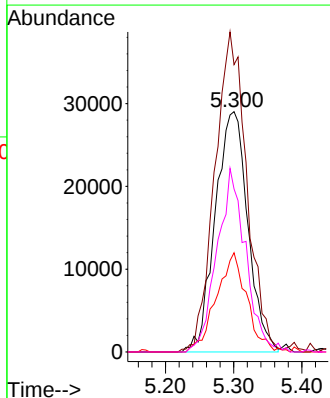
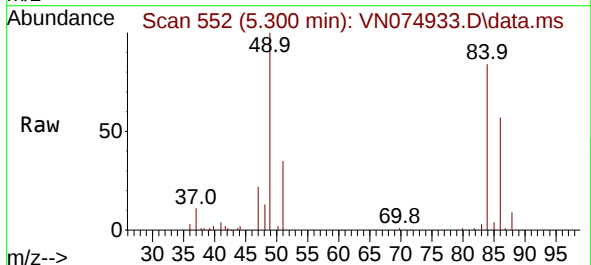
Manual Integrations
APPROVED

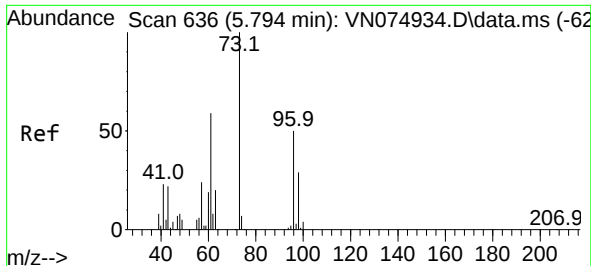
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#20
Methylene Chloride
Concen: 16.145 ug/l
RT: 5.300 min Scan# 552
Delta R.T. 0.006 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

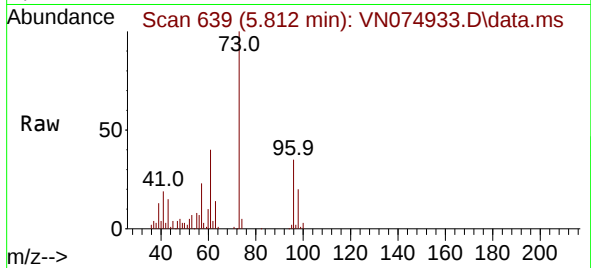
Tgt Ion: 84 Resp: 96555
Ion Ratio Lower Upper
84 100
49 119.5 102.1 153.1
51 41.3 32.1 48.1
86 67.8 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 17.841 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.018 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

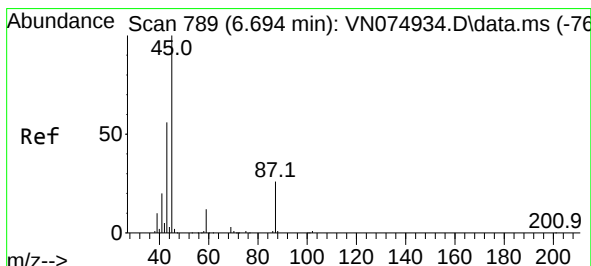
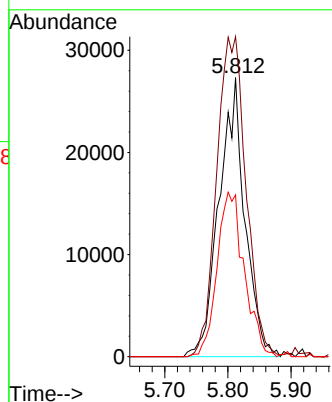
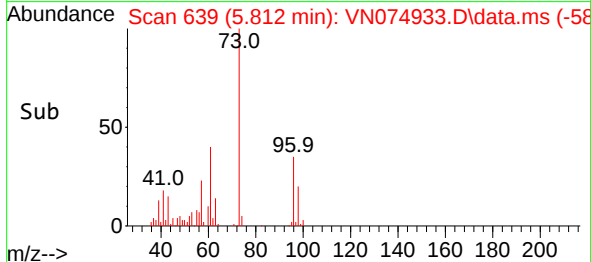
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



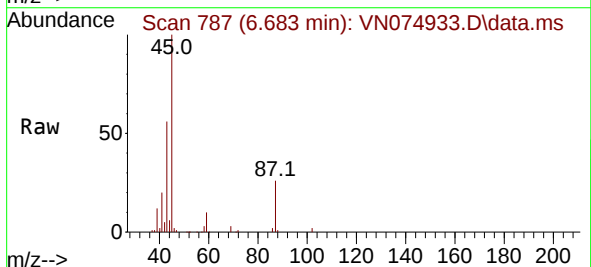
Tgt Ion: 96 Resp: 77539
Ion Ratio Lower Upper
96 100
61 114.7 95.8 143.8
98 58.0 47.4 71.0

Manual Integrations
APPROVED

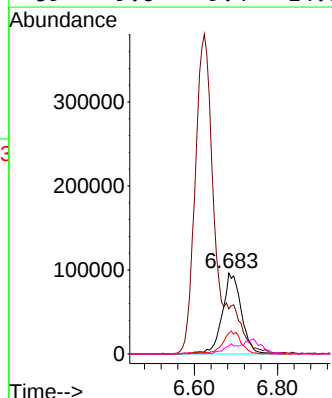
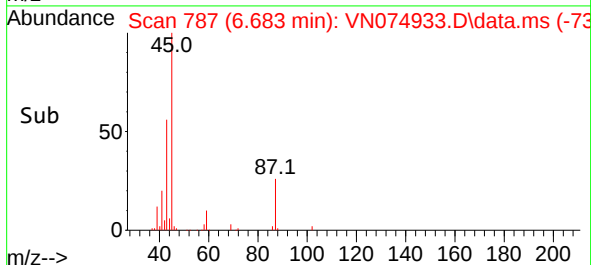
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

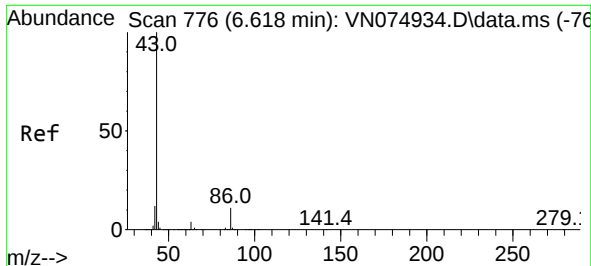


#22
Diisopropyl ether
Concen: 18.480 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.012 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08



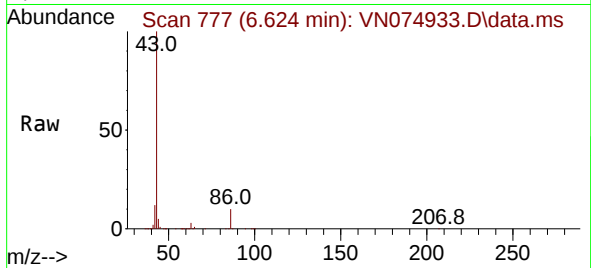
Tgt Ion: 45 Resp: 304849
Ion Ratio Lower Upper
45 100
43 54.2 44.5 66.7
87 25.6 20.8 31.2
59 9.6 9.4 14.0





#23
 Vinyl Acetate
 Concen: 103.129 ug/l
 RT: 6.624 min Scan# 777
 Delta R.T. 0.006 min
 Lab File: VN074933.D
 Acq: 19 Oct 2022 16:08

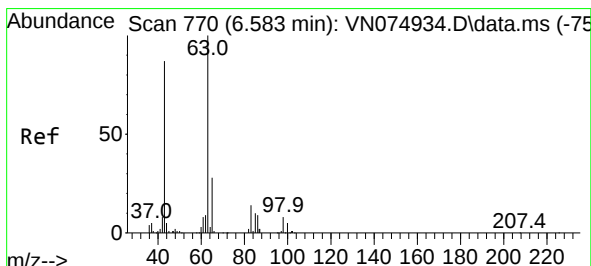
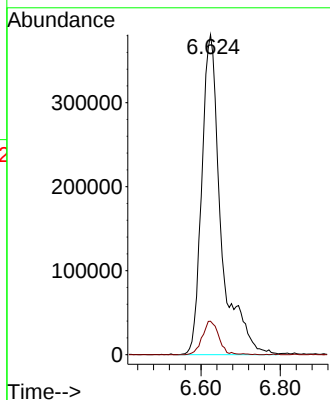
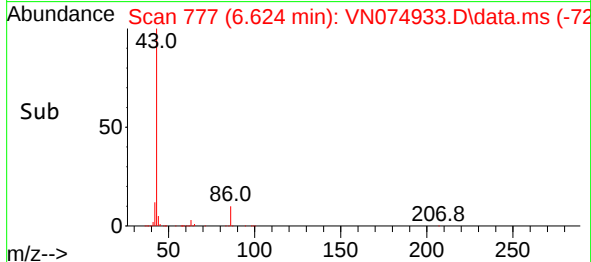
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020



Tgt Ion: 43 Resp: 128758
 Ion Ratio Lower Upper
 43 100
 86 10.5 9.0 13.4

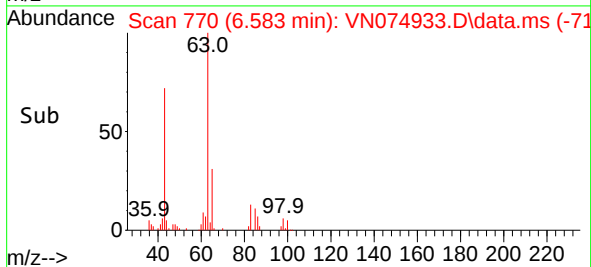
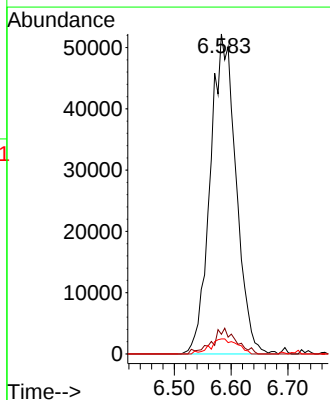
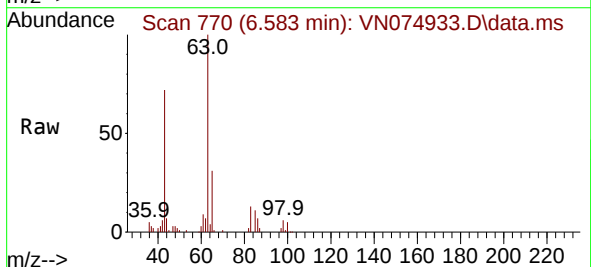
Manual Integrations
 APPROVED

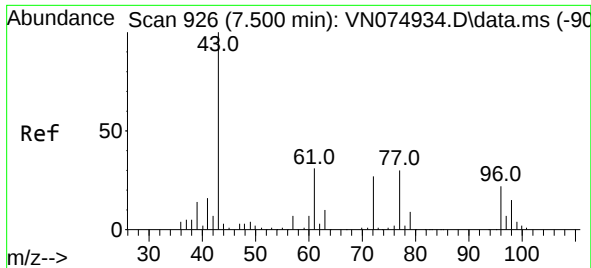
Reviewed By :John Carlone 10/20/2022
 Supervised By :Mahesh Dadoda 10/20/2022



#24
 1,1-Dichloroethane
 Concen: 18.016 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VN074933.D
 Acq: 19 Oct 2022 16:08

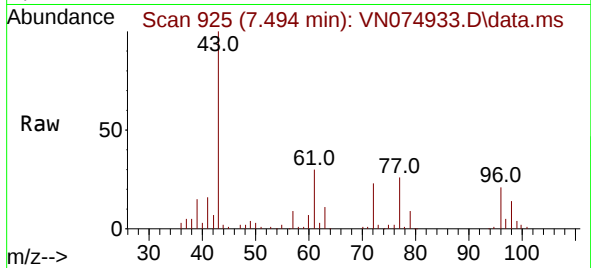
Tgt Ion: 63 Resp: 164576
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.9 11.5
 100 4.7 2.6 7.8





#25
2-Butanone
Concen: 93.354 ug/l
RT: 7.494 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

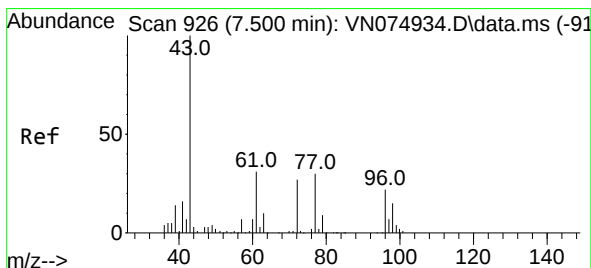
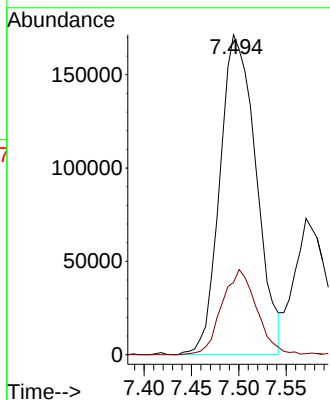
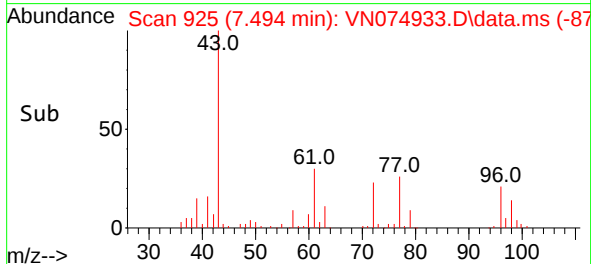
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



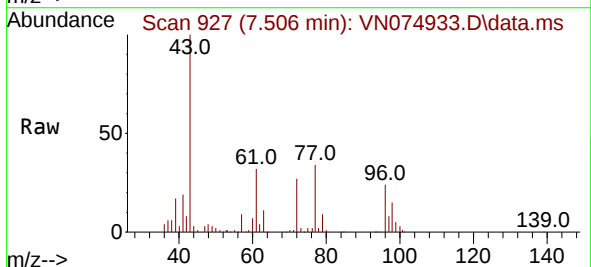
Tgt Ion: 43 Resp: 45649
Ion Ratio Lower Upper
43 100
72 22.6 21.6 32.4

Manual Integrations
APPROVED

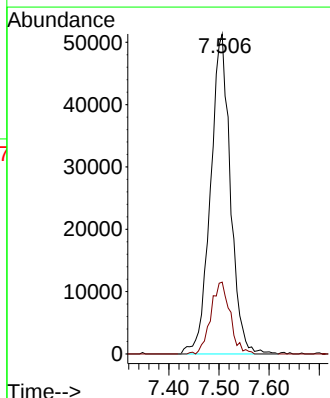
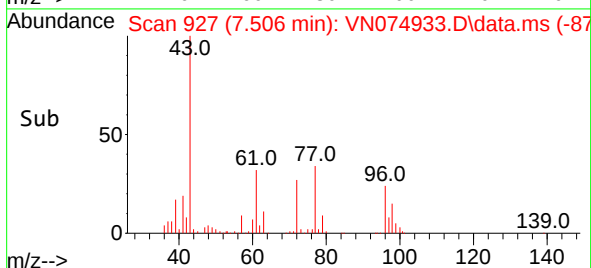
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

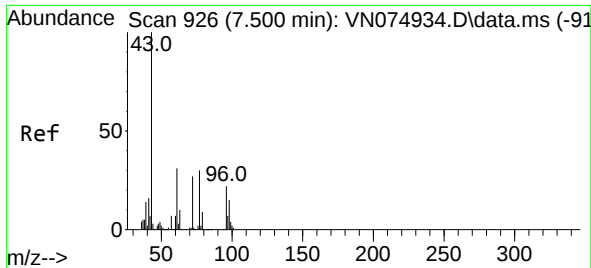


#26
2,2-Dichloropropane
Concen: 18.627 ug/l
RT: 7.506 min Scan# 927
Delta R.T. 0.006 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08



Tgt Ion: 77 Resp: 141532
Ion Ratio Lower Upper
77 100
97 21.8 11.8 35.3





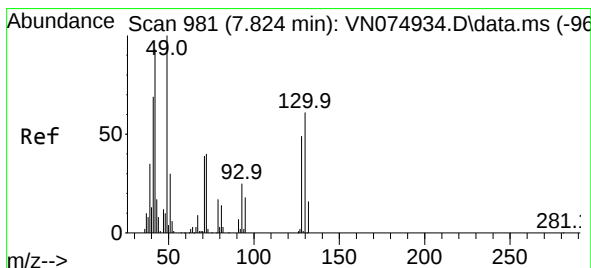
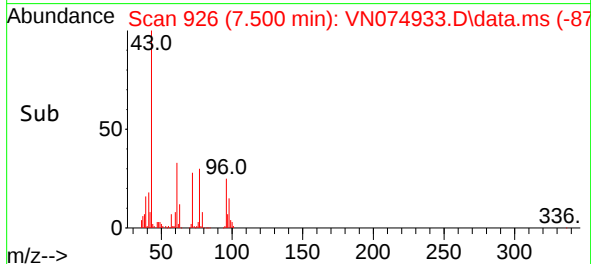
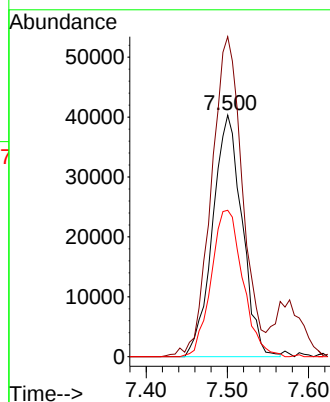
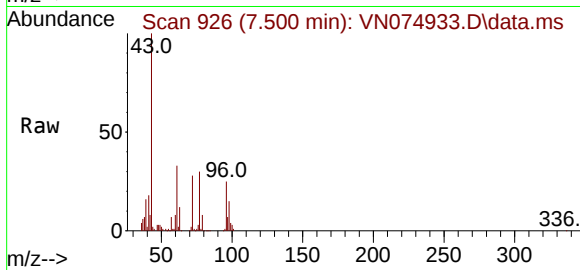
#27
 cis-1,2-Dichloroethene
 Concen: 17.793 ug/l
 RT: 7.500 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN074933.D
 Acq: 19 Oct 2022 16:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion: 96 Resp: 102140
 Ion Ratio Lower Upper
 96 100
 61 139.1 0.0 274.0
 98 64.8 0.0 126.8

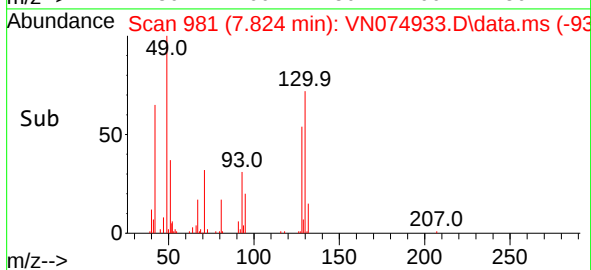
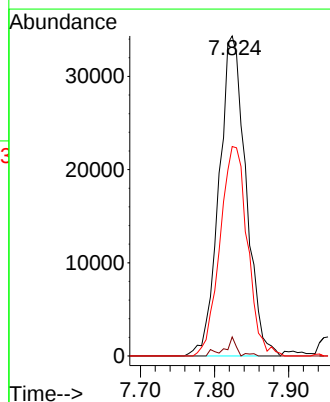
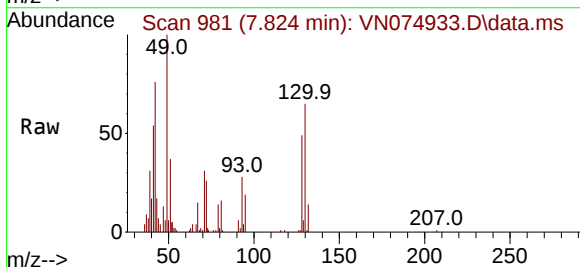
Manual Integrations
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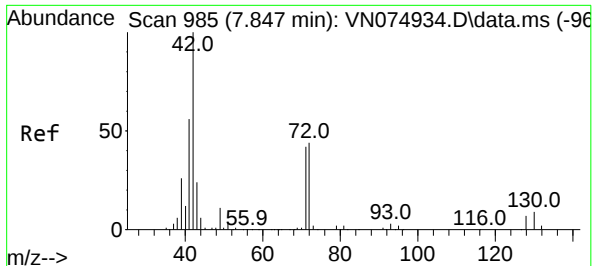
Reviewed By :John Carlone 10/20/2022
 Supervised By :Mahesh Dadoda 10/20/2022



#28
 Bromochloromethane
 Concen: 21.305 ug/l
 RT: 7.824 min Scan# 981
 Delta R.T. 0.000 min
 Lab File: VN074933.D
 Acq: 19 Oct 2022 16:08

Tgt Ion: 49 Resp: 86470
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 3.2
 130 67.0 54.7 82.1





#29

Tetrahydrofuran

Concen: 94.862 ug/l

RT: 7.847 min Scan# 985

Delta R.T. 0.000 min

Lab File: VN074933.D

Acq: 19 Oct 2022 16:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 42 Resp: 298990

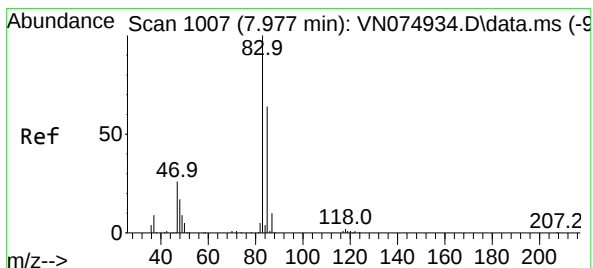
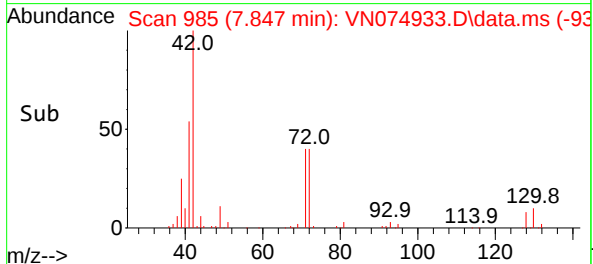
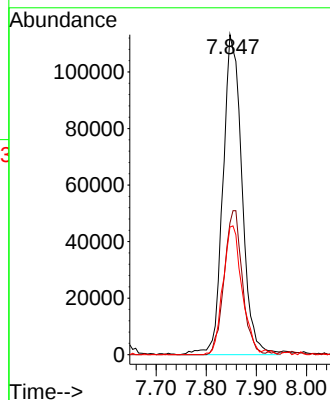
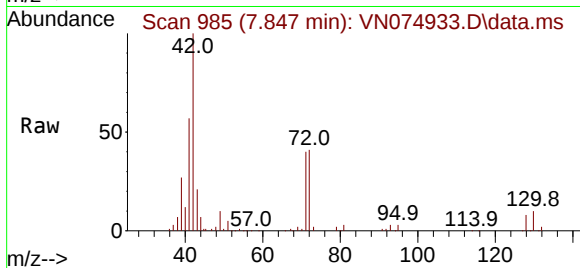
Ion	Ratio	Lower	Upper
42	100		
72	42.8	35.3	52.9
71	40.1	32.2	48.4

Manual Integrations

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Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#30

Chloroform

Concen: 18.802 ug/l

RT: 7.977 min Scan# 1007

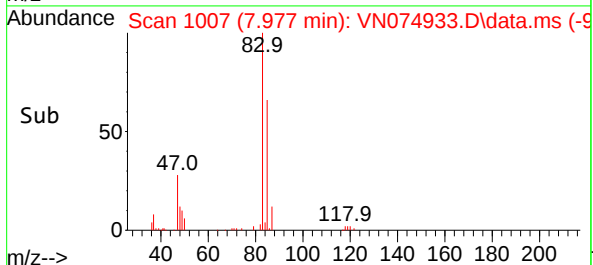
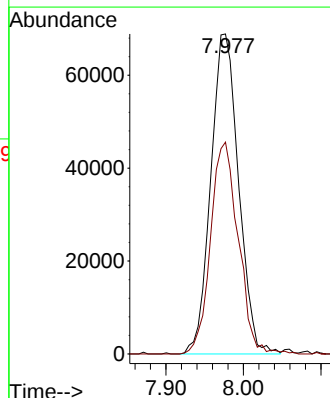
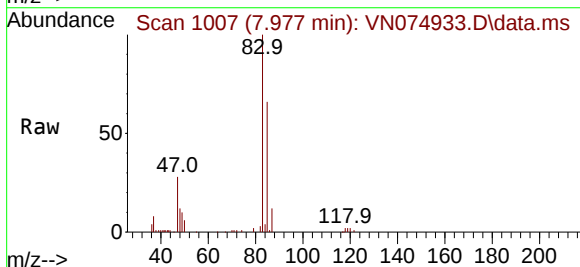
Delta R.T. 0.000 min

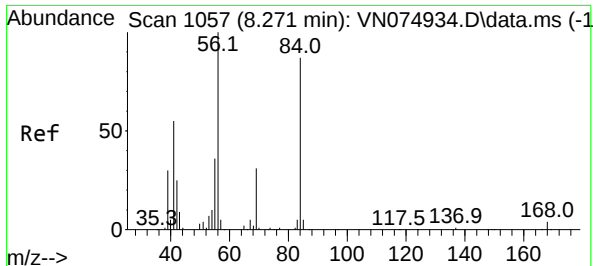
Lab File: VN074933.D

Acq: 19 Oct 2022 16:08

Tgt Ion: 83 Resp: 171797

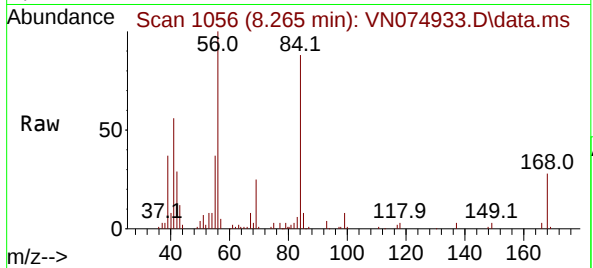
Ion	Ratio	Lower	Upper
83	100		
85	66.2	51.4	77.2





#31
Cyclohexane
Concen: 18.353 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

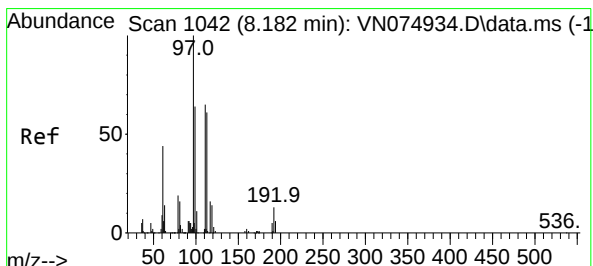
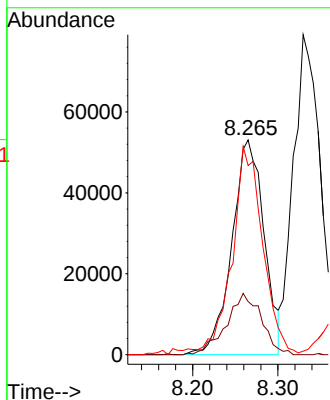
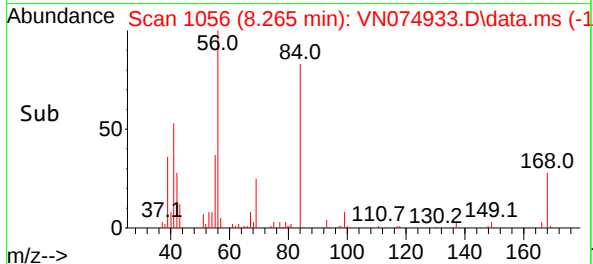
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC020



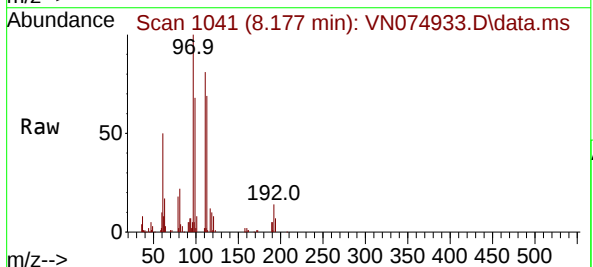
Tgt Ion: 56 Resp: 139302
Ion Ratio Lower Upper
56 100
69 24.8 24.9 37.3
84 86.1 69.8 104.8

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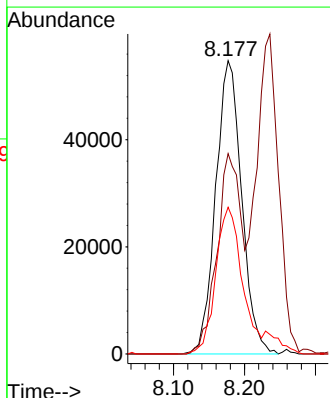
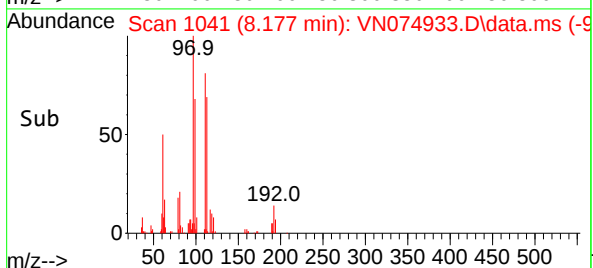
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

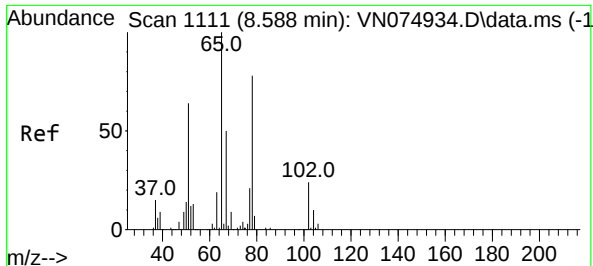


#32
1,1,1-Trichloroethane
Concen: 17.951 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08



Tgt Ion: 97 Resp: 138861
Ion Ratio Lower Upper
97 100
99 63.2 50.6 76.0
61 50.9 39.1 58.7





#33

1,2-Dichloroethane-d4

Concen: 18.731 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.000 min

Lab File: VN074933.D

Acq: 19 Oct 2022 16:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 11095

Ion Ratio Lower Upper

65 100

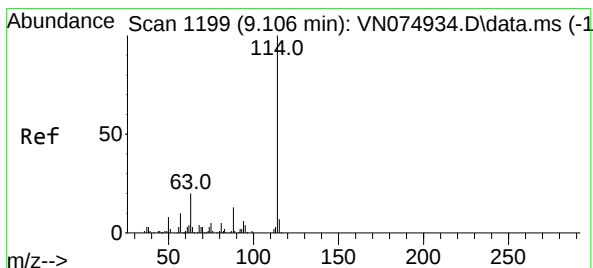
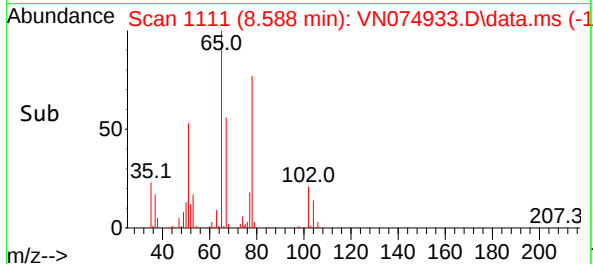
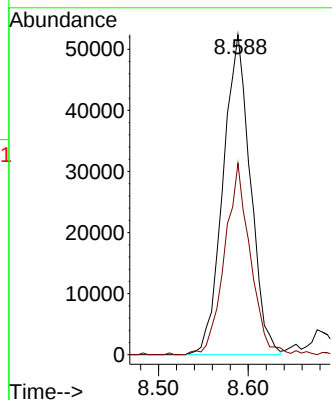
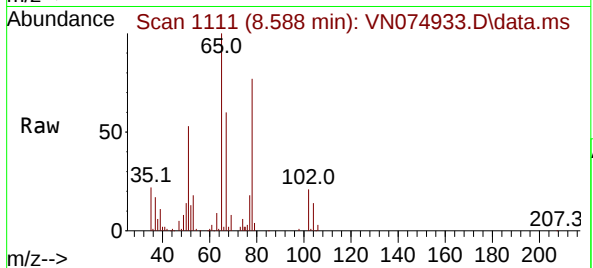
67 55.7 0.0 109.4

Manual Integrations

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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: VN074933.D

Acq: 19 Oct 2022 16:08

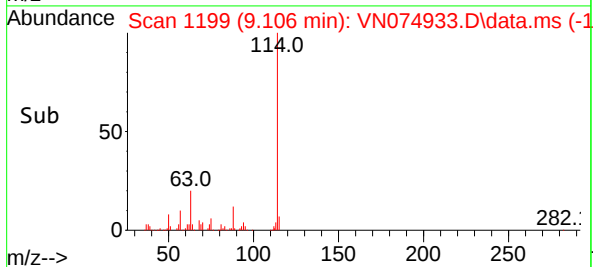
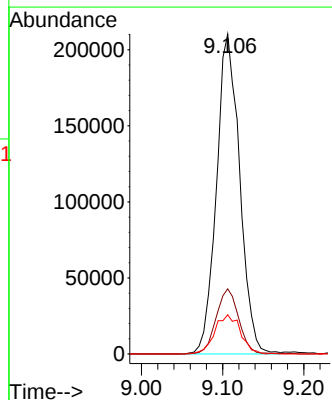
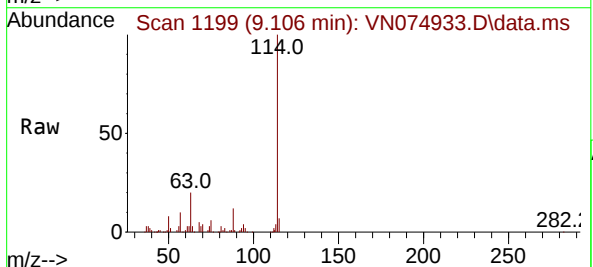
Tgt Ion:114 Resp: 418328

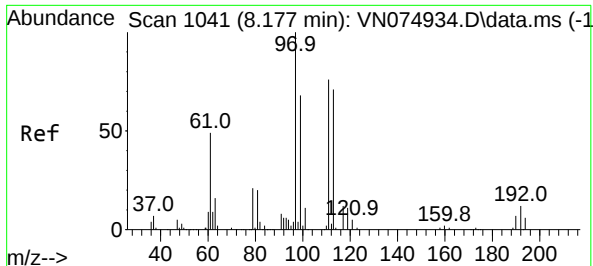
Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.4

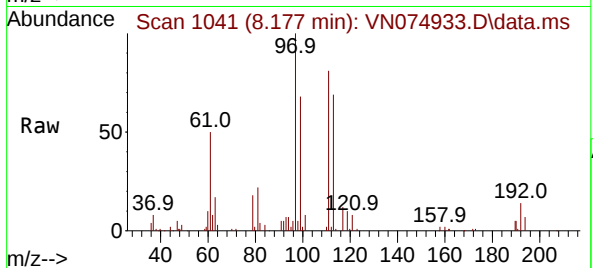
88 12.2 0.0 26.6





#35
Dibromofluoromethane
Concen: 20.338 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

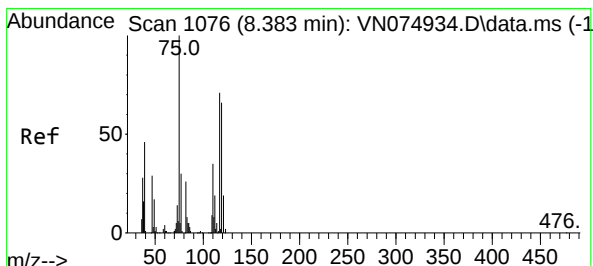
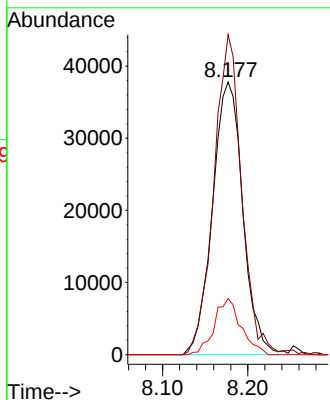
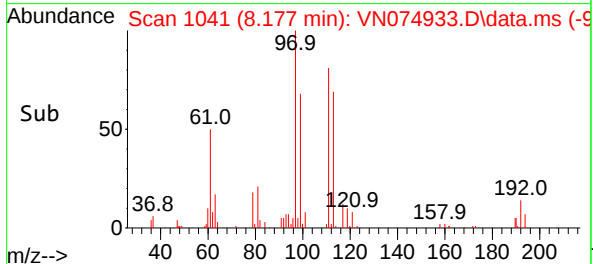
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



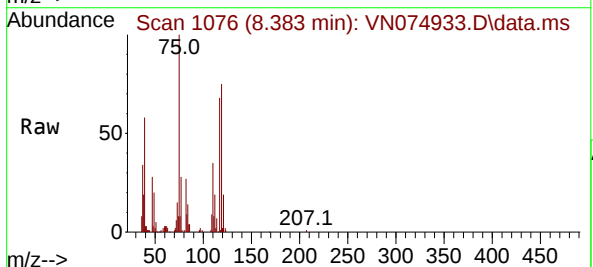
Tgt Ion: 113 Resp: 93310
Ion Ratio Lower Upper
113 100
111 107.3 83.8 125.8
192 18.2 14.6 21.8

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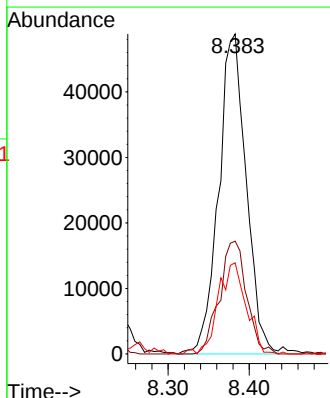
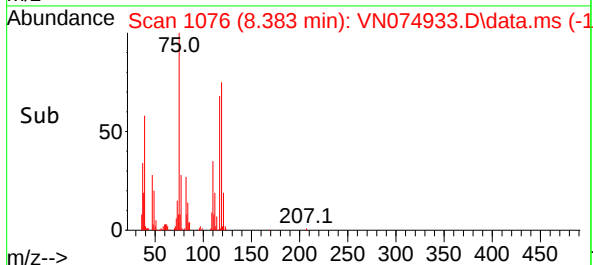
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

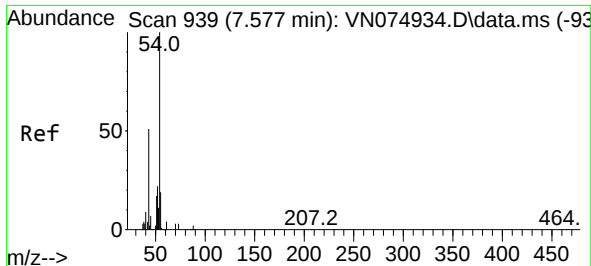


#36
1,1-Dichloropropene
Concen: 18.400 ug/l
RT: 8.383 min Scan# 1076
Delta R.T. 0.000 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08



Tgt Ion: 75 Resp: 115231
Ion Ratio Lower Upper
75 100
110 34.8 18.1 54.1
77 29.1 25.1 37.7





#37

Ethyl Acetate

Concen: 19.477 ug/l

RT: 7.571 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN074933.D

Acq: 19 Oct 2022 16:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 18031

Ion Ratio Lower Upper

43 100

61 11.4 10.3 15.5

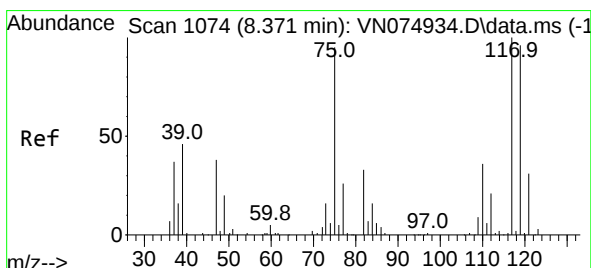
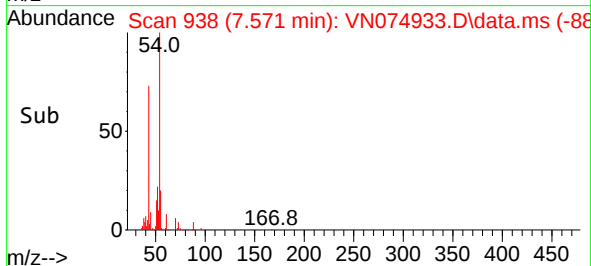
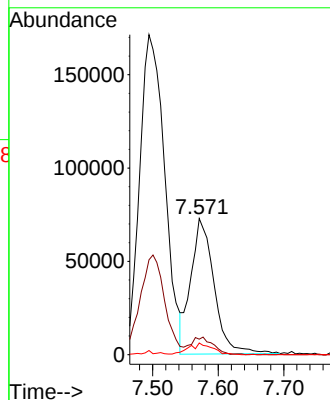
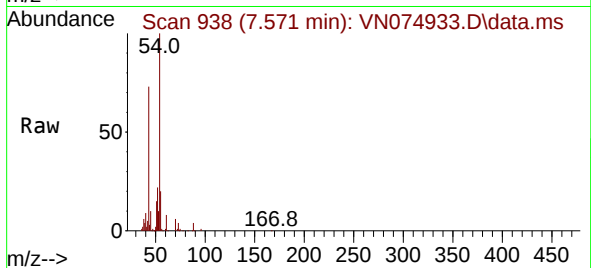
70 8.6 5.9 8.9

Manual Integrations

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Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#38

Carbon Tetrachloride

Concen: 18.673 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. 0.006 min

Lab File: VN074933.D

Acq: 19 Oct 2022 16:08

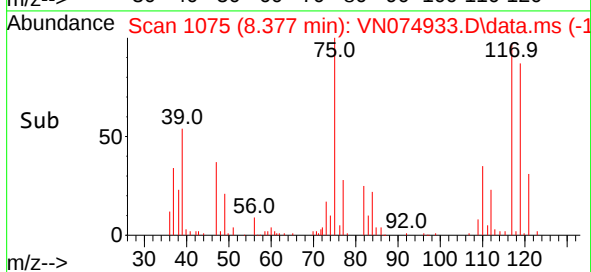
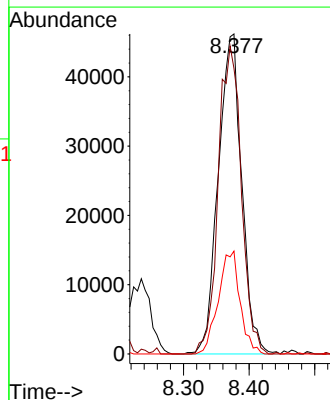
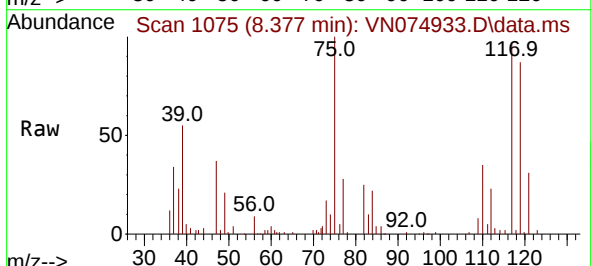
Tgt Ion:117 Resp: 114654

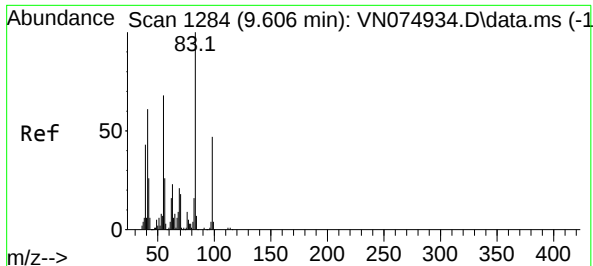
Ion Ratio Lower Upper

117 100

119 89.2 76.8 115.2

121 32.1 24.7 37.1





#39

Methylcyclohexane

Concen: 18.994 ug/l

RT: 9.606 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN074933.D

Acq: 19 Oct 2022 16:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 83 Resp: 138220

Ion Ratio Lower Upper

83 100

55 67.2 54.6 82.0

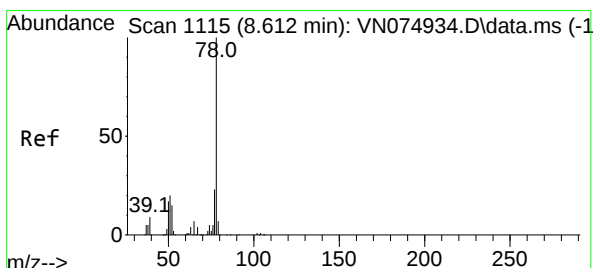
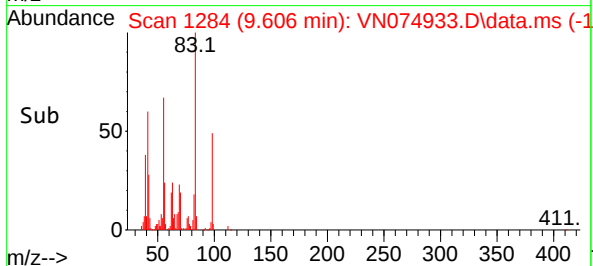
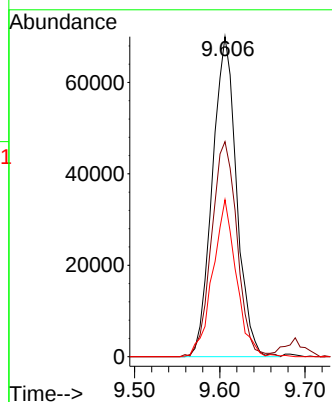
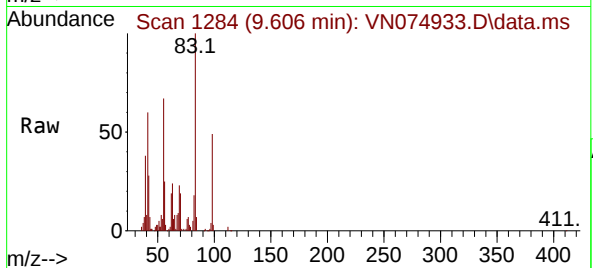
98 49.1 37.6 56.4

Manual Integrations

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Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#40

Benzene

Concen: 19.405 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN074933.D

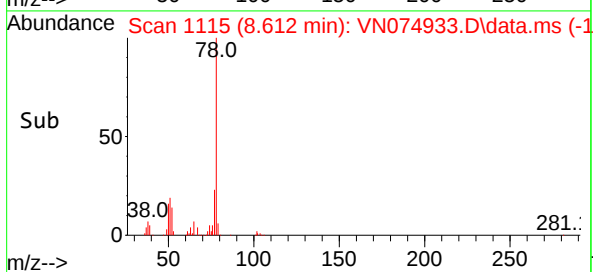
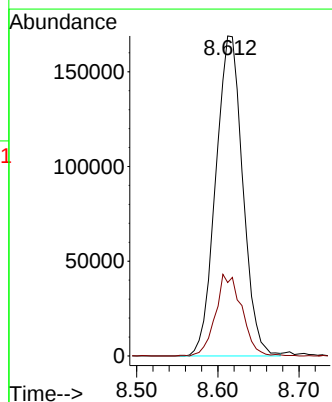
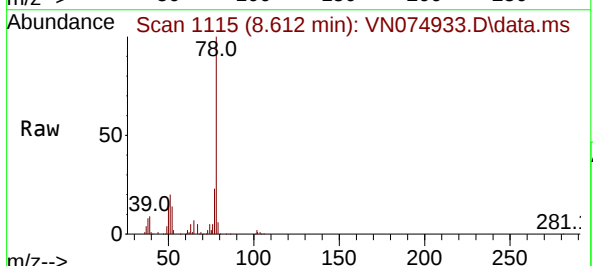
Acq: 19 Oct 2022 16:08

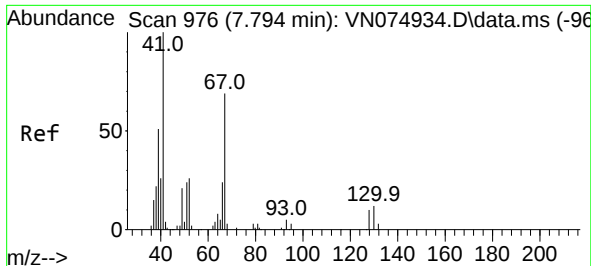
Tgt Ion: 78 Resp: 390963

Ion Ratio Lower Upper

78 100

77 22.8 18.6 28.0





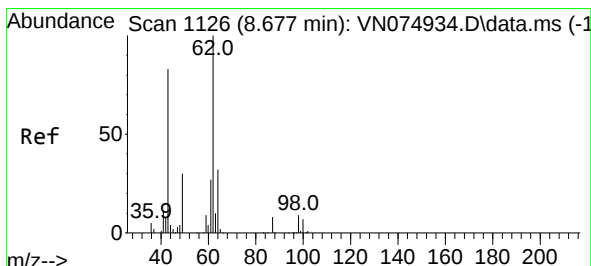
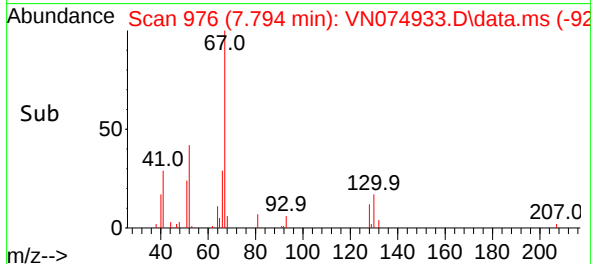
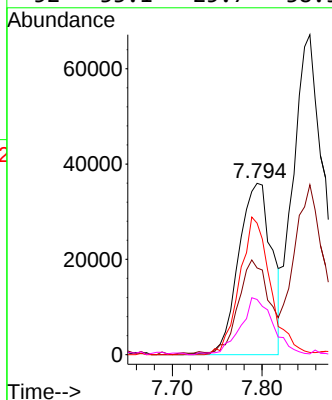
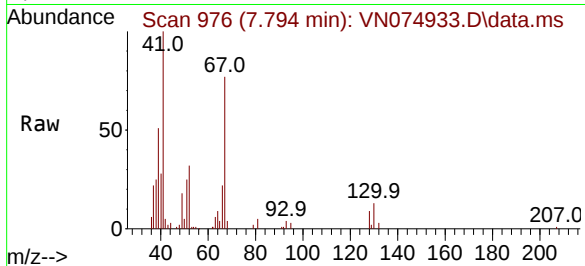
#41
Methacrylonitrile
Concen: 18.938 ug/l
RT: 7.794 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 41 Resp: 92008
Ion Ratio Lower Upper
41 100
39 52.6 42.2 63.2
67 74.9 59.3 88.9
52 33.1 25.7 38.5

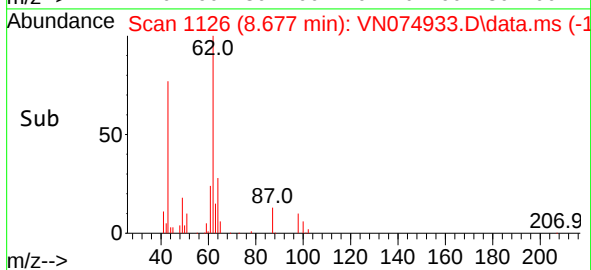
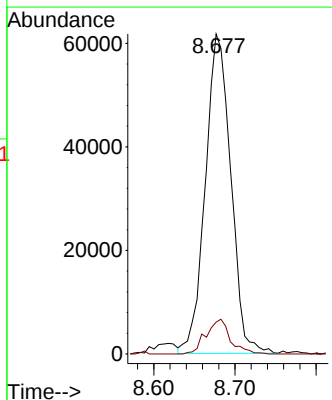
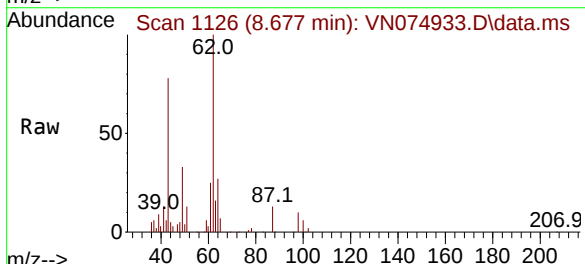
Manual Integrations
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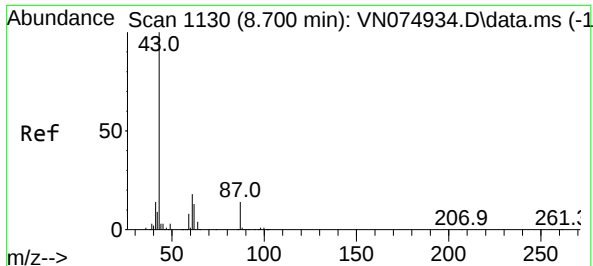
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#42
1,2-Dichloroethane
Concen: 19.594 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

Tgt Ion: 62 Resp: 134890
Ion Ratio Lower Upper
62 100
98 10.4 0.0 20.4





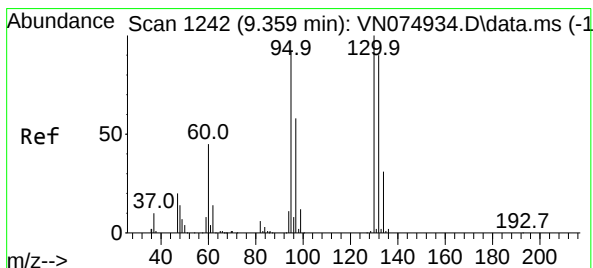
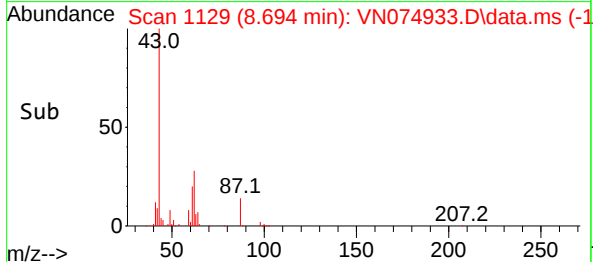
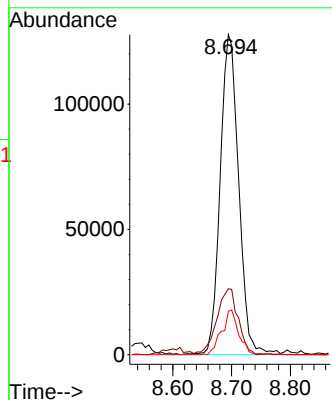
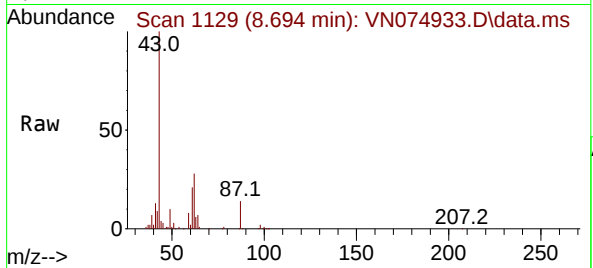
#43
Isopropyl Acetate
Concen: 19.951 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 27898
Ion Ratio Lower Upper
43 100
61 23.4 18.7 28.1
87 12.8 10.0 15.0

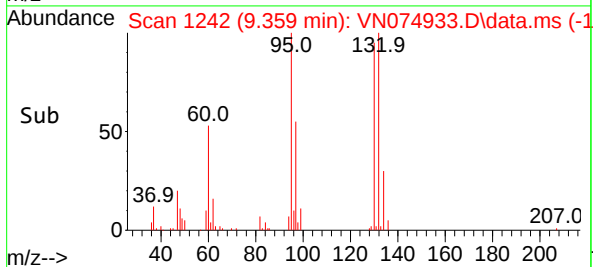
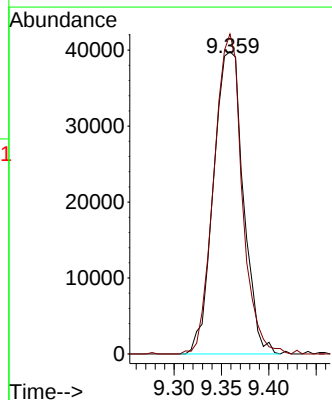
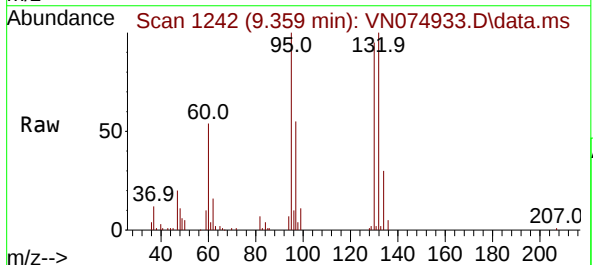
Manual Integrations
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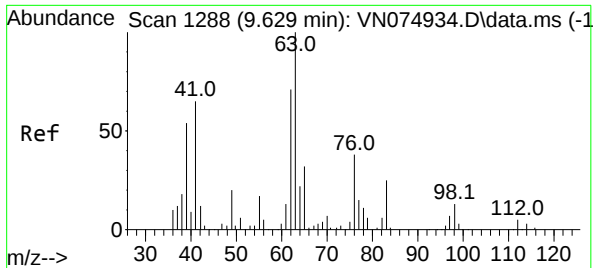
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#44
Trichloroethene
Concen: 18.659 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.000 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

Tgt Ion:130 Resp: 87202
Ion Ratio Lower Upper
130 100
95 105.8 0.0 184.0





#45

1,2-Dichloropropane

Concen: 19.175 ug/l

RT: 9.630 min Scan# 1288

Delta R.T. 0.000 min

Lab File: VN074933.D

Acq: 19 Oct 2022 16:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 10615

Ion Ratio Lower Upper

63 100

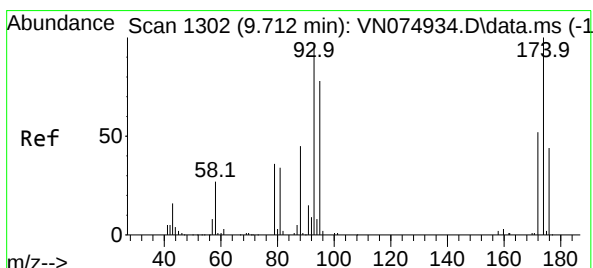
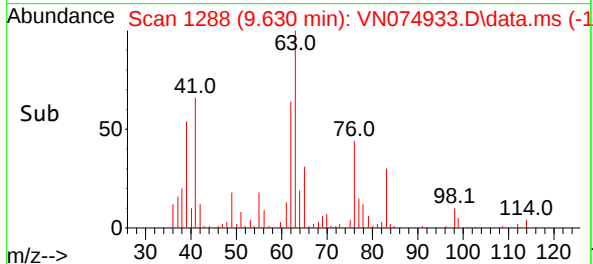
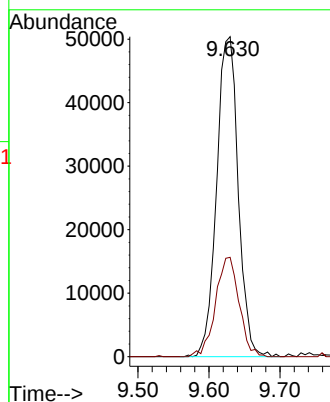
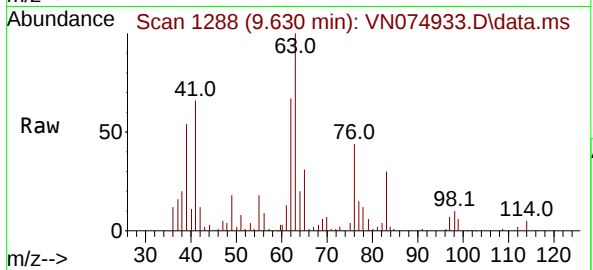
65 31.0 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#46

Dibromomethane

Concen: 19.133 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN074933.D

Acq: 19 Oct 2022 16:08

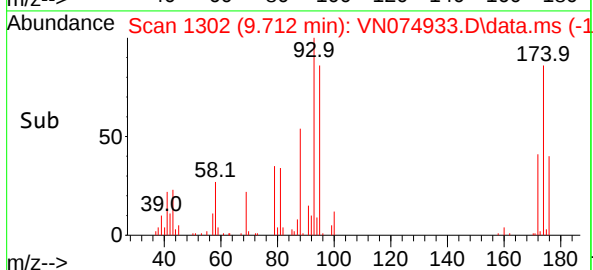
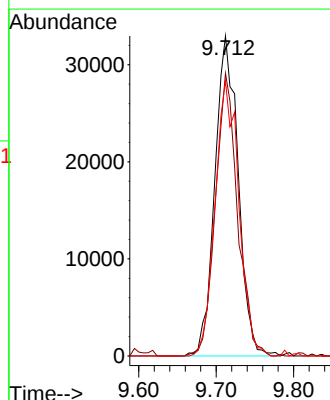
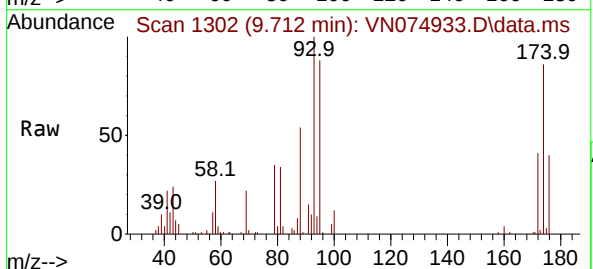
Tgt Ion: 93 Resp: 68930

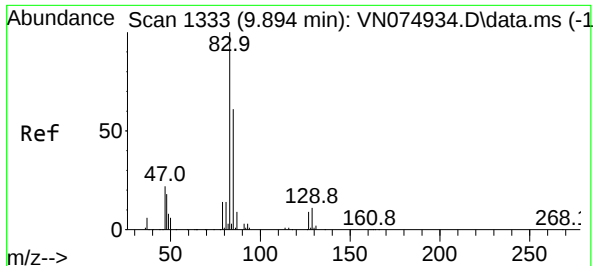
Ion Ratio Lower Upper

93 100

95 84.4 68.6 102.8

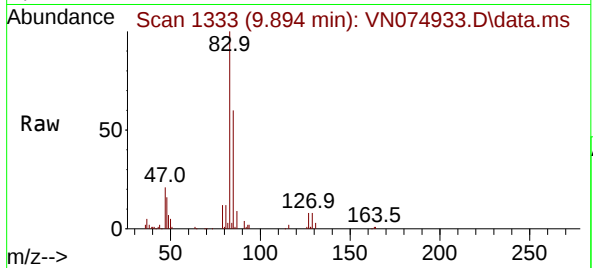
174 88.0 76.1 114.1





#47
Bromodichloromethane
Concen: 19.778 ug/l
RT: 9.894 min Scan# 1333
Delta R.T. 0.000 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

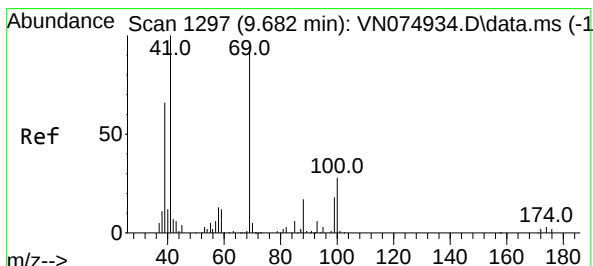
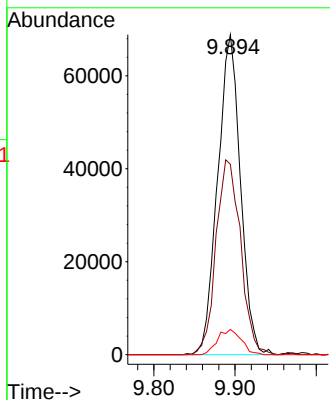
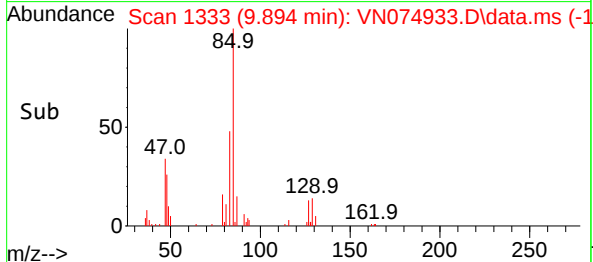
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



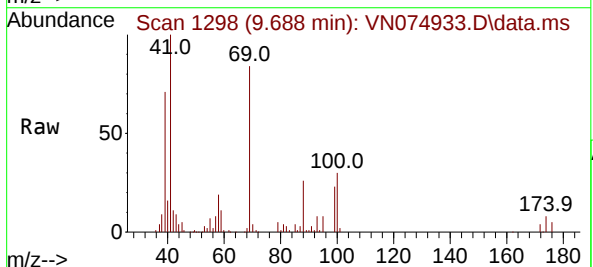
Tgt Ion: 83 Resp: 134350
Ion Ratio Lower Upper
83 100
85 59.5 49.0 73.6
127 7.9 6.9 10.3

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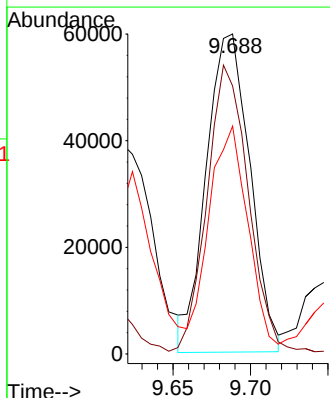
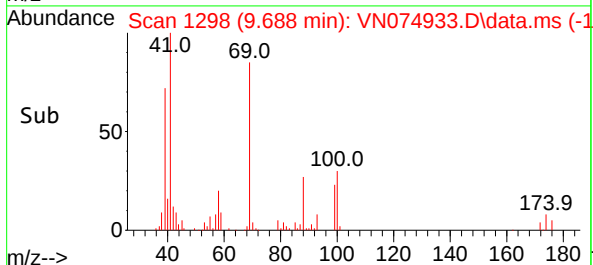
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

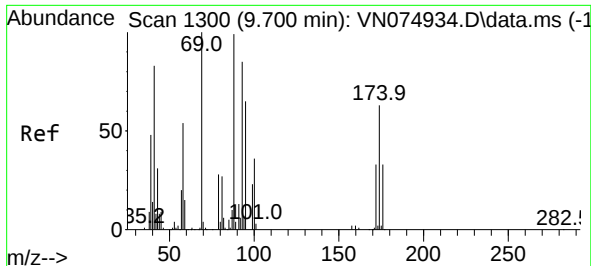


#48
Methyl methacrylate
Concen: 19.126 ug/l
RT: 9.688 min Scan# 1298
Delta R.T. 0.006 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08



Tgt Ion: 41 Resp: 116948
Ion Ratio Lower Upper
41 100
69 87.2 67.9 101.9
39 64.2 53.6 80.4





#49

1,4-Dioxane

Concen: 400.677 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN074933.D

Acq: 19 Oct 2022 16:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 88 Resp: 5458

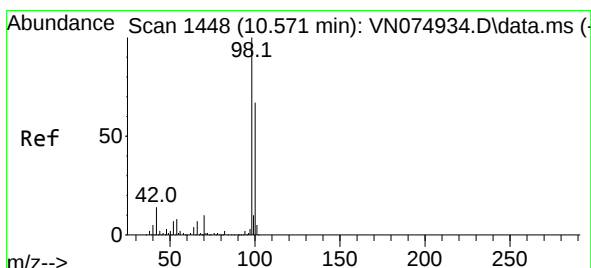
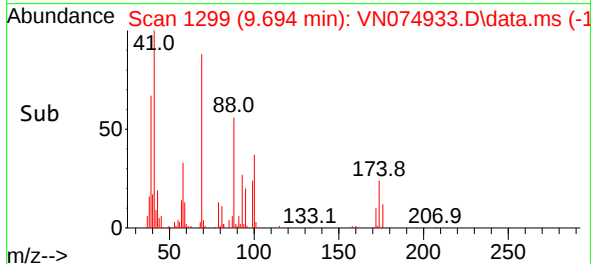
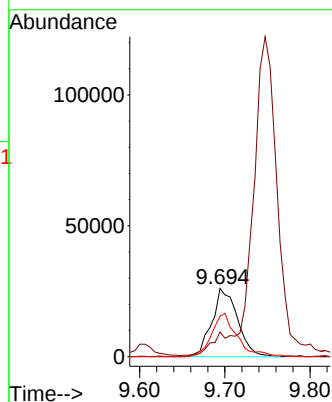
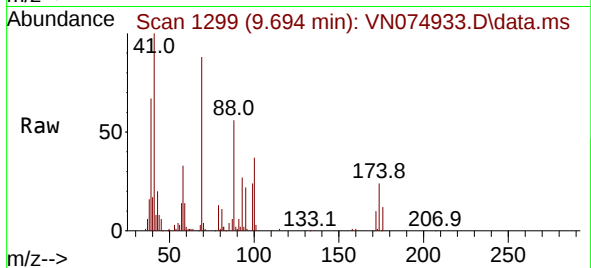
Ion	Ratio	Lower	Upper
88	100		
43	18.3	23.3	34.9
58	62.8	50.1	75.1

Manual Integrations

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Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#50

Toluene-d8

Concen: 20.745 ug/l

RT: 10.571 min Scan# 1448

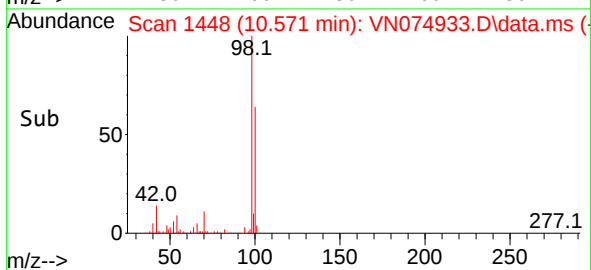
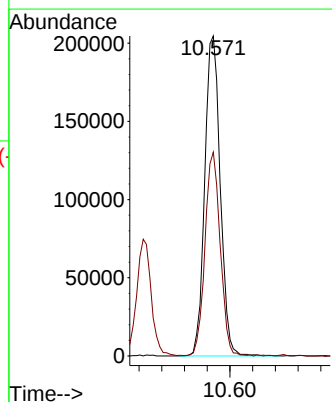
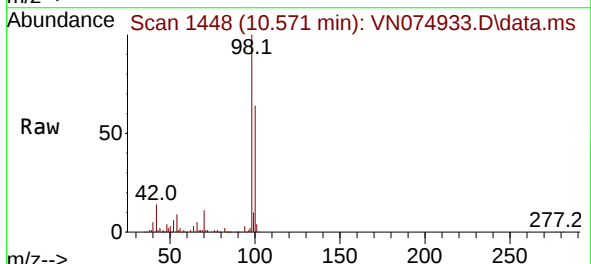
Delta R.T. 0.000 min

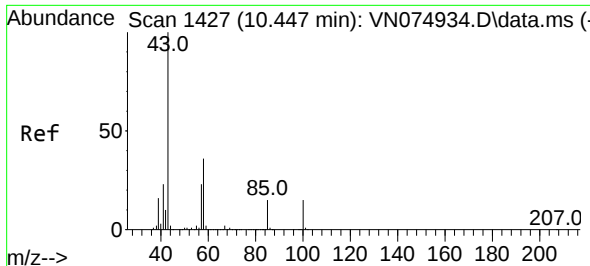
Lab File: VN074933.D

Acq: 19 Oct 2022 16:08

Tgt Ion: 98 Resp: 386092

Ion	Ratio	Lower	Upper
98	100		
100	62.7	52.1	78.1





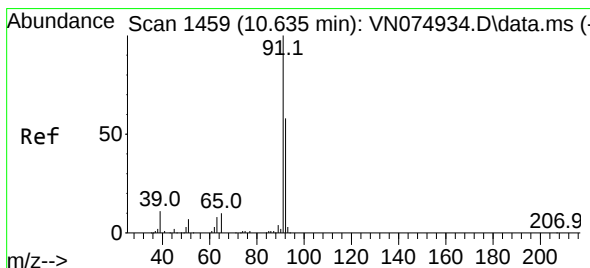
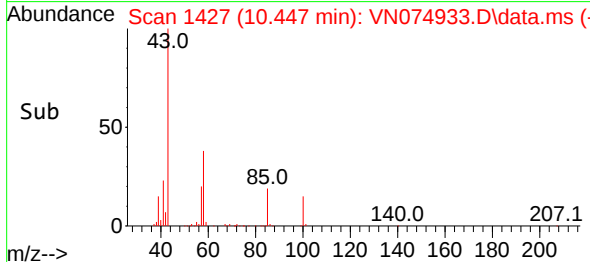
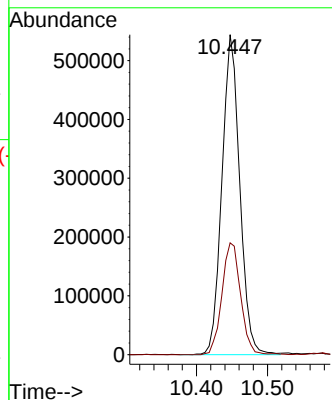
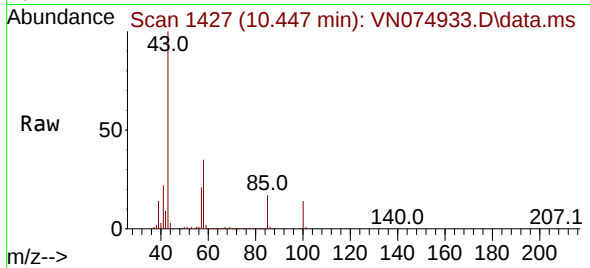
#51
4-Methyl-2-Pentanone
Concen: 100.840 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 945984
Ion Ratio Lower Upper
43 100
58 36.7 29.6 44.4

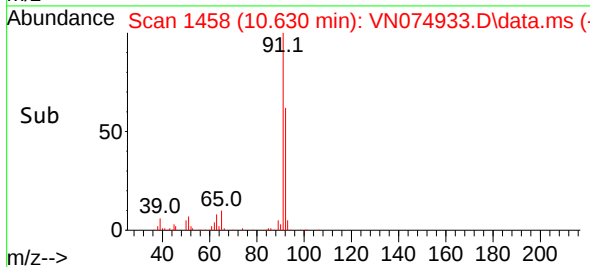
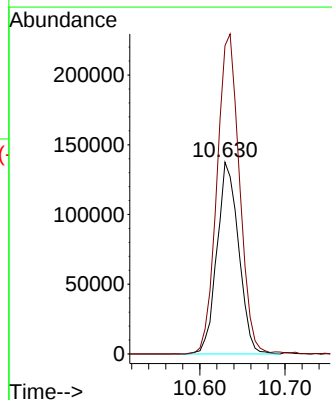
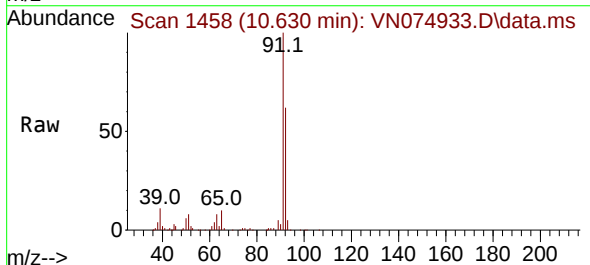
Manual Integrations
APPROVED

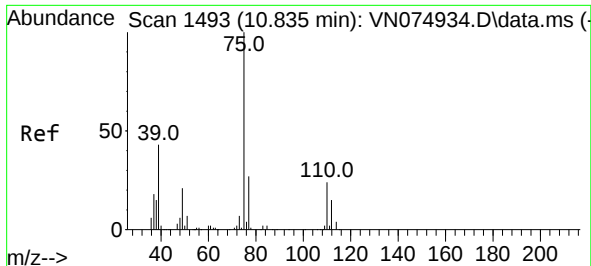
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#52
Toluene
Concen: 19.261 ug/l
RT: 10.630 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

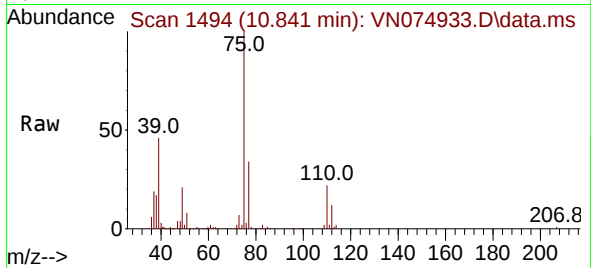
Tgt Ion: 92 Resp: 242942
Ion Ratio Lower Upper
92 100
91 174.2 140.9 211.3





#53
 t-1,3-Dichloropropene
 Concen: 20.142 ug/l
 RT: 10.841 min Scan# 1494
 Delta R.T. 0.006 min
 Lab File: VN074933.D
 Acq: 19 Oct 2022 16:08

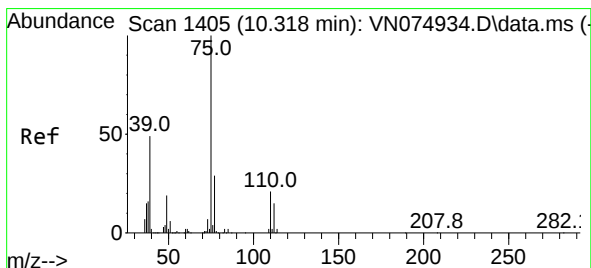
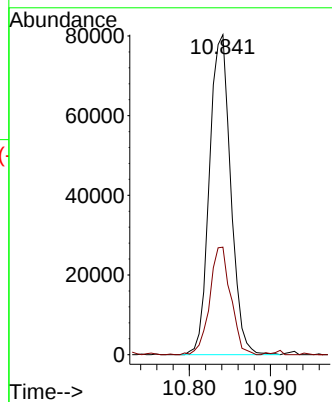
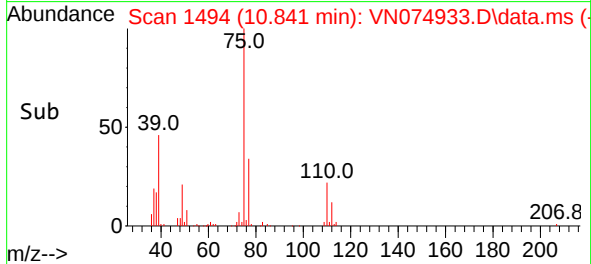
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



Tgt Ion: 75 Resp: 145809
 Ion Ratio Lower Upper
 75 100
 77 33.6 21.4 32.2

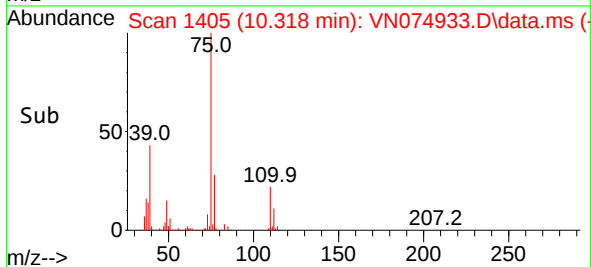
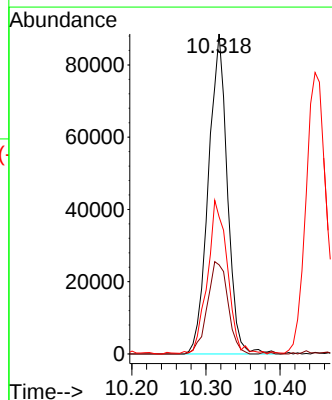
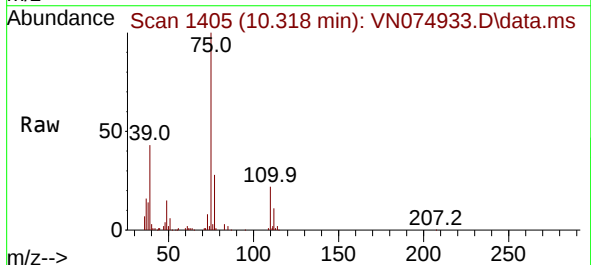
Manual Integrations
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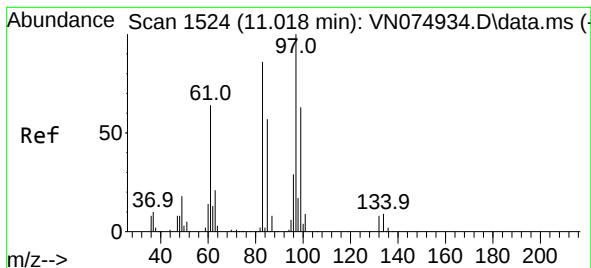
Reviewed By :John Carlone 10/20/2022
 Supervised By :Mahesh Dadoda 10/20/2022



#54
 cis-1,3-Dichloropropene
 Concen: 19.684 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. 0.000 min
 Lab File: VN074933.D
 Acq: 19 Oct 2022 16:08

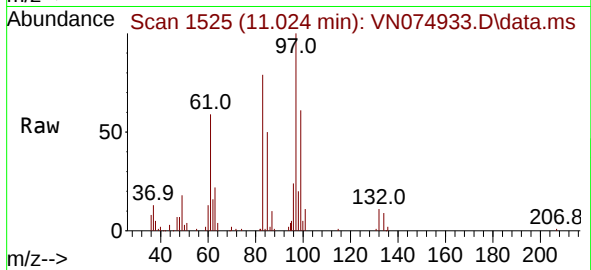
Tgt Ion: 75 Resp: 157213
 Ion Ratio Lower Upper
 75 100
 77 27.9 23.0 34.6
 39 42.7 38.9 58.3





#55
1,1,2-Trichloroethane
Concen: 19.561 ug/l
RT: 11.024 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

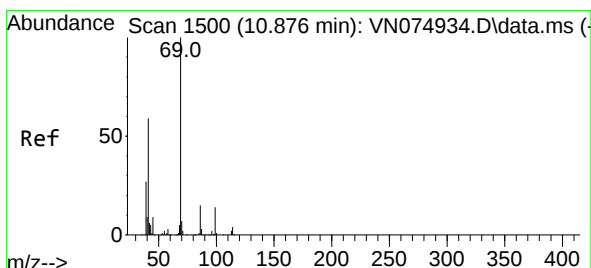
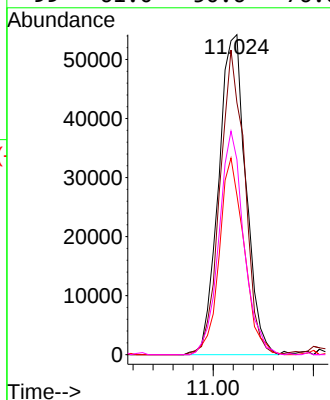
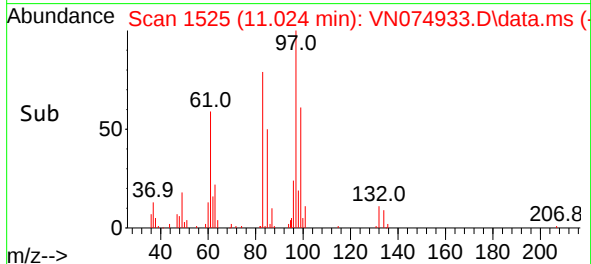
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 97 Resp: 102405
Ion Ratio Lower Upper
97 100
83 78.7 68.8 103.2
85 49.9 45.7 68.5
99 61.0 50.6 76.0

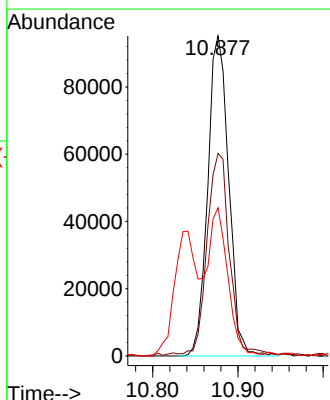
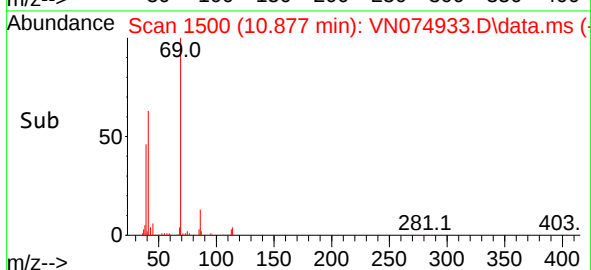
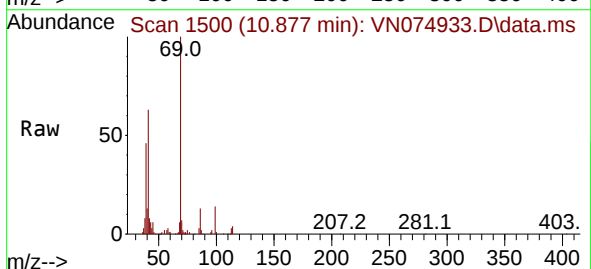
Manual Integrations
APPROVED

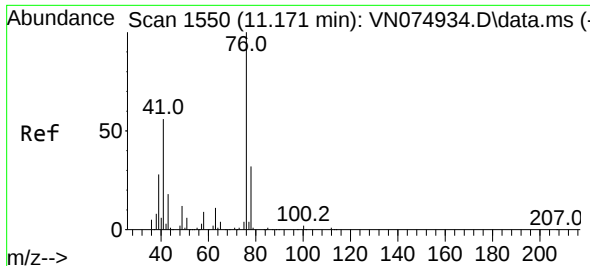
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#56
Ethyl methacrylate
Concen: 20.143 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

Tgt Ion: 69 Resp: 162966
Ion Ratio Lower Upper
69 100
41 68.6 53.5 80.3
39 40.9 34.6 52.0





#57

1,3-Dichloropropane

Concen: 19.161 ug/l

RT: 11.165 min Scan# 1550

Delta R.T. -0.006 min

Lab File: VN074933.D

Acq: 19 Oct 2022 16:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 76 Resp: 175308

Ion Ratio Lower Upper

76 100

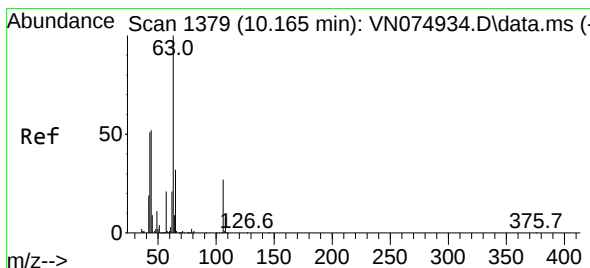
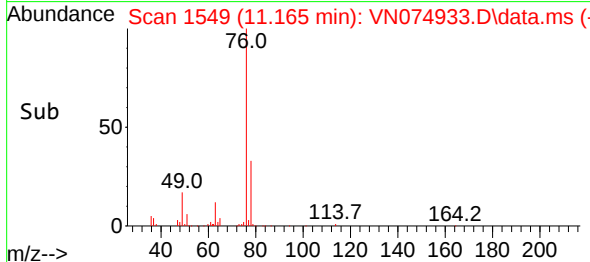
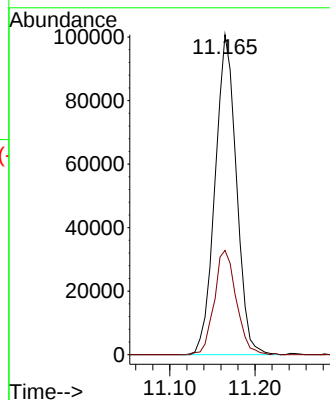
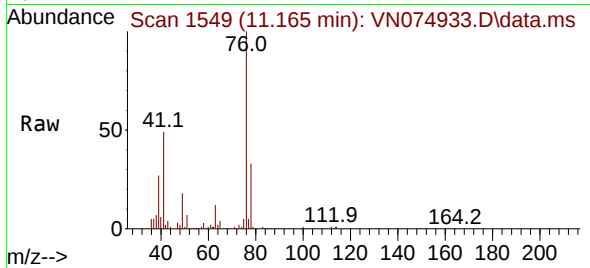
78 33.6 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#58

2-Chloroethyl Vinyl ether

Concen: 105.035 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.000 min

Lab File: VN074933.D

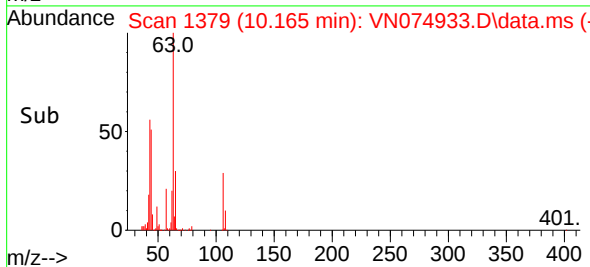
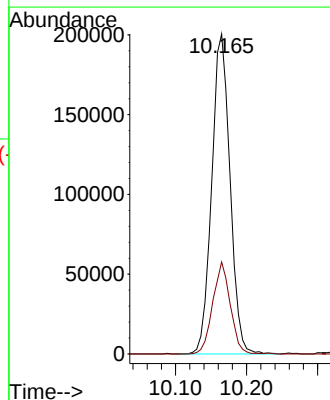
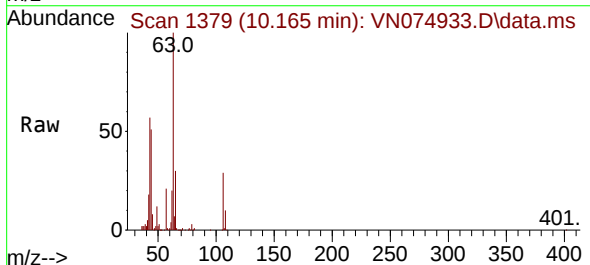
Acq: 19 Oct 2022 16:08

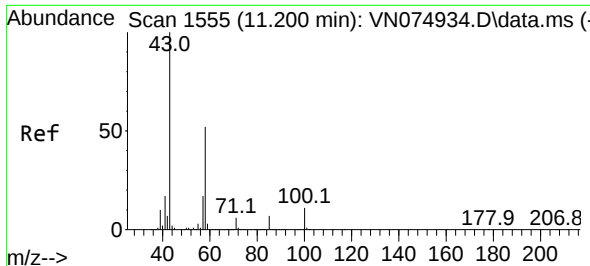
Tgt Ion: 63 Resp: 358094

Ion Ratio Lower Upper

63 100

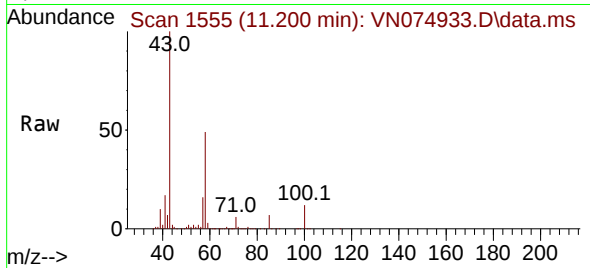
106 27.5 21.5 32.3





#59
2-Hexanone
Concen: 102.395 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

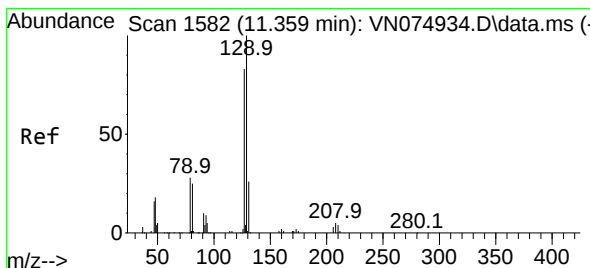
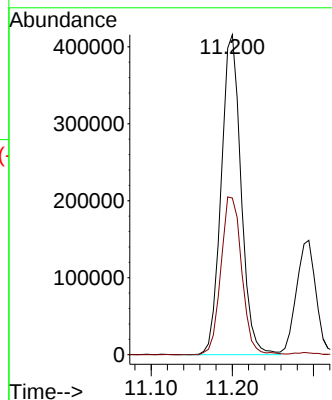
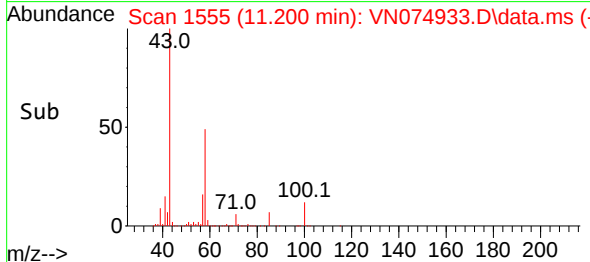
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 706744
Ion Ratio Lower Upper
43 100
58 51.8 26.3 78.8

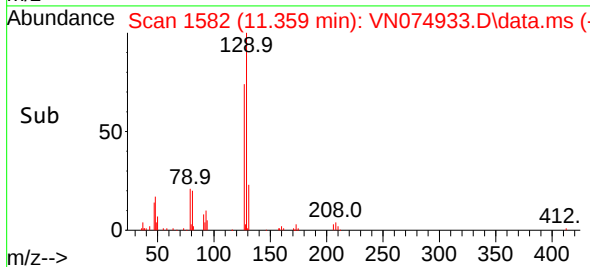
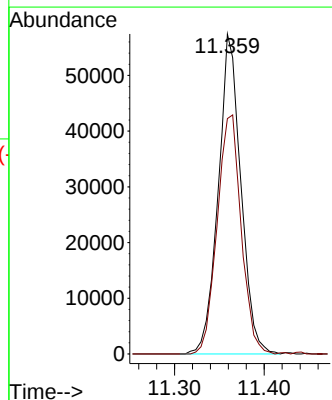
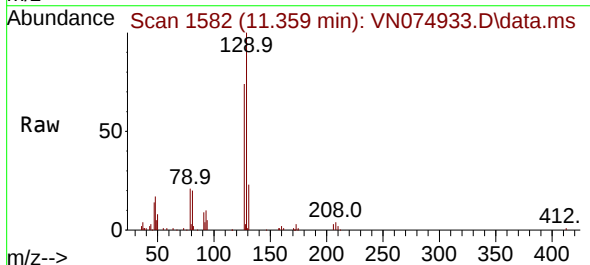
Manual Integrations
APPROVED

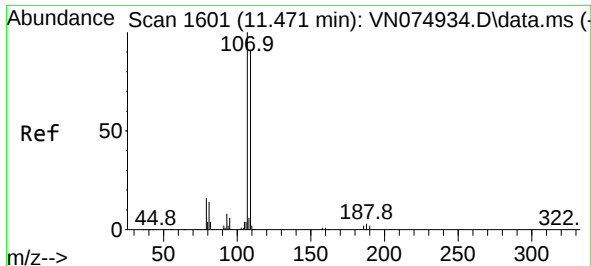
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#60
Dibromochloromethane
Concen: 19.583 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

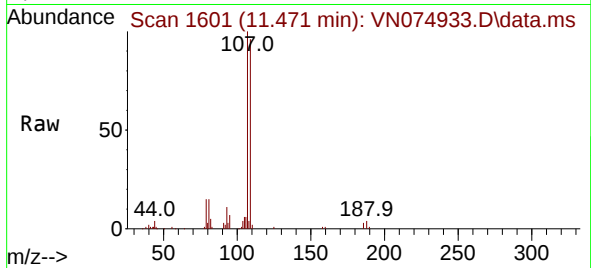
Tgt Ion:129 Resp: 100355
Ion Ratio Lower Upper
129 100
127 79.3 40.6 122.0





#61
1,2-Dibromoethane
Concen: 19.139 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

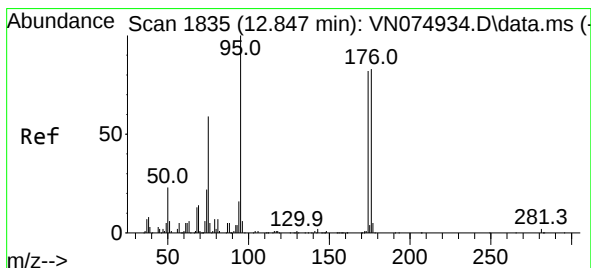
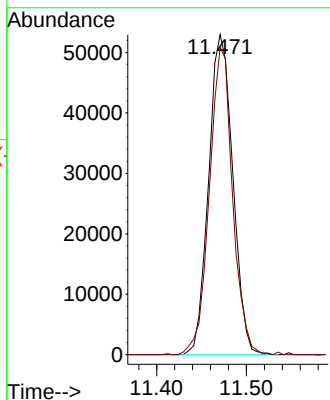
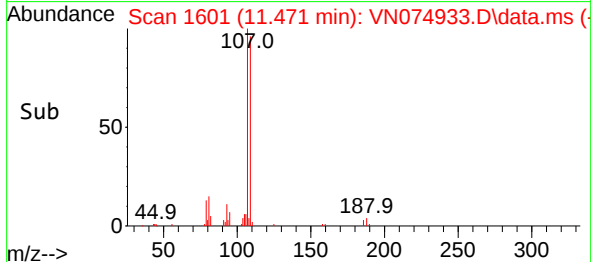
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion:107 Resp: 98972
Ion Ratio Lower Upper
107 100
109 92.1 74.6 111.8

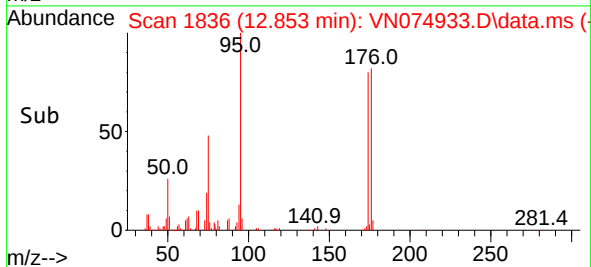
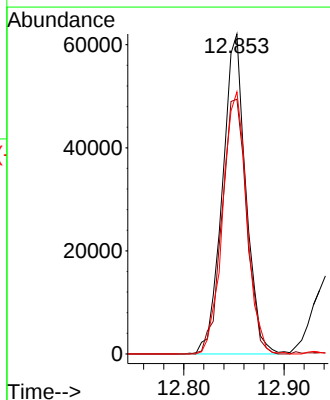
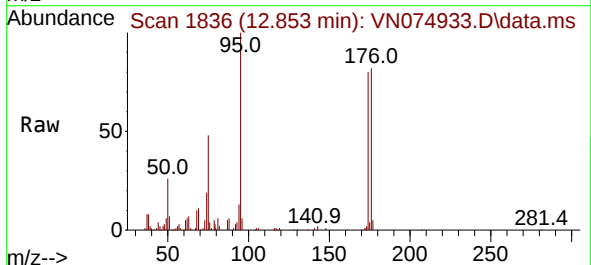
Manual Integrations
APPROVED

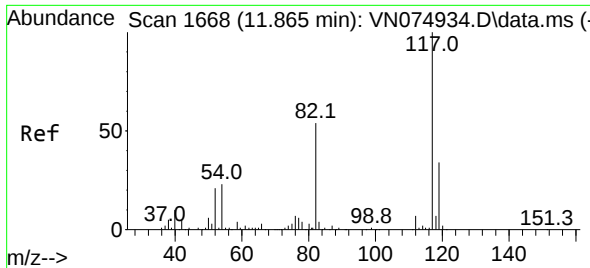
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#62
4-Bromofluorobenzene
Concen: 19.726 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

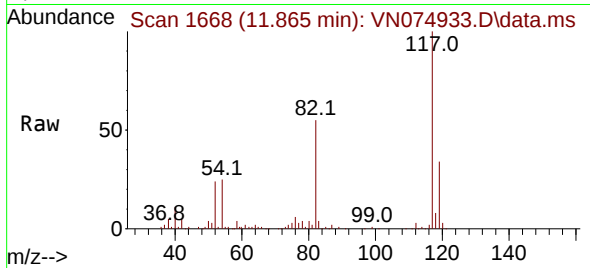
Tgt Ion: 95 Resp: 100291
Ion Ratio Lower Upper
95 100
174 84.2 0.0 182.8
176 84.5 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

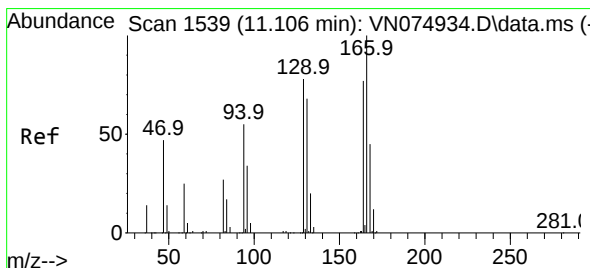
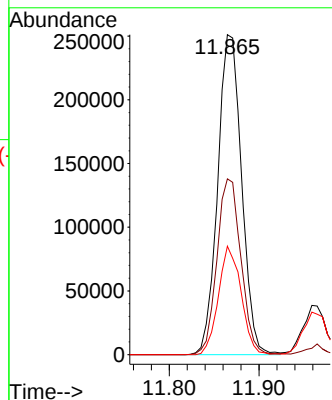
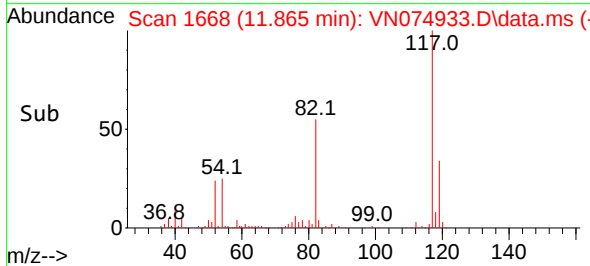
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:117 Resp: 46529
Ion Ratio Lower Upper
117 100
82 54.9 43.0 64.6
119 33.9 27.0 40.6

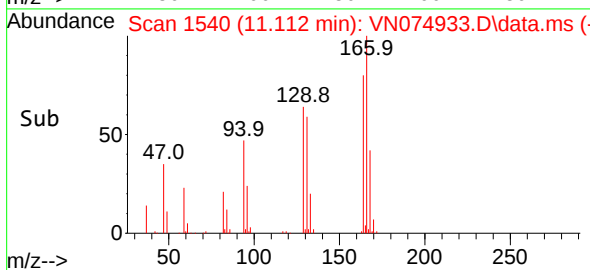
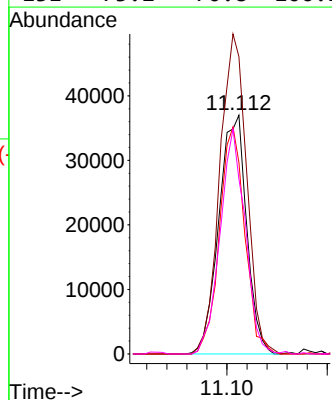
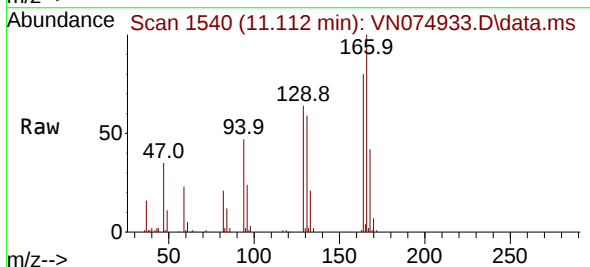
Manual Integrations
APPROVED

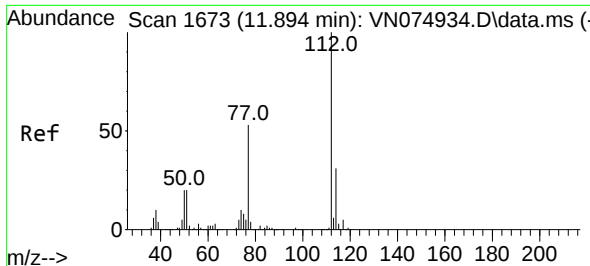
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#64
Tetrachloroethene
Concen: 18.319 ug/l
RT: 11.112 min Scan# 1540
Delta R.T. 0.006 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

Tgt Ion:164 Resp: 71080
Ion Ratio Lower Upper
164 100
166 124.5 103.4 155.0
129 80.2 80.3 120.5#
131 73.2 70.8 106.2





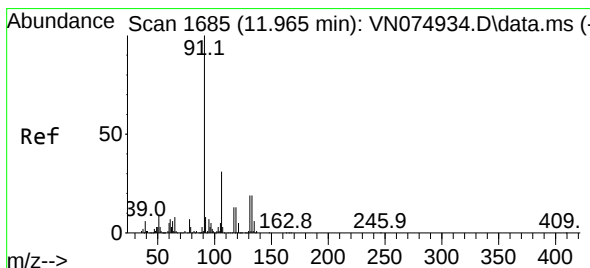
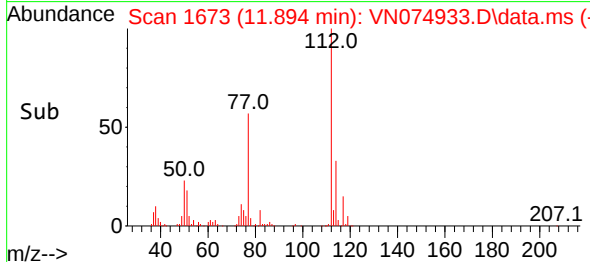
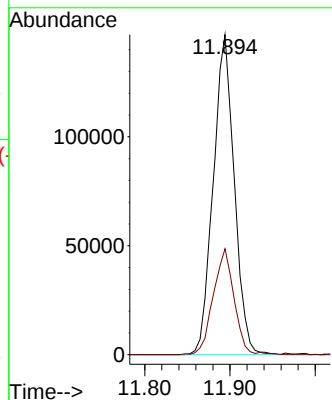
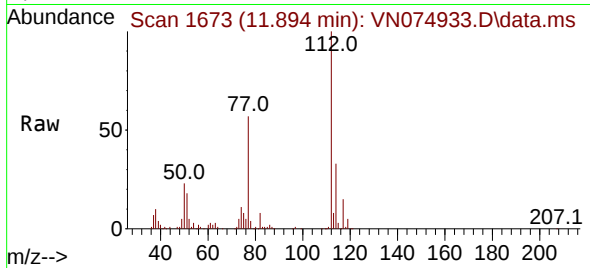
#65
Chlorobenzene
Concen: 18.676 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:112 Resp: 25175
Ion Ratio Lower Upper
112 100
114 33.1 24.6 37.0

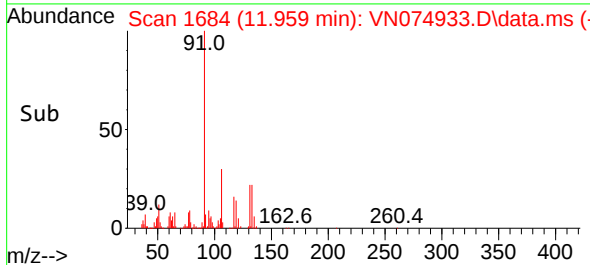
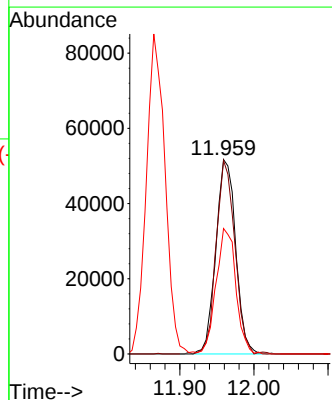
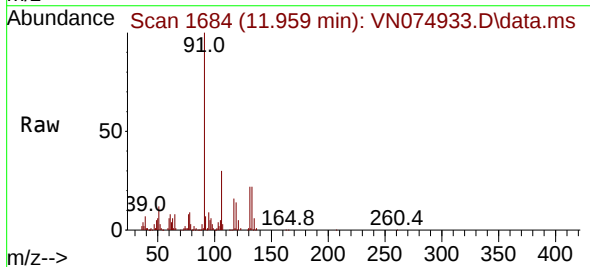
Manual Integrations
APPROVED

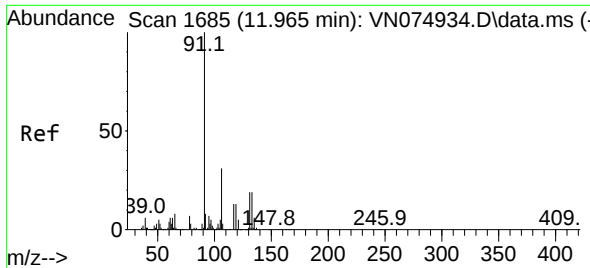
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 18.880 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

Tgt Ion:131 Resp: 96227
Ion Ratio Lower Upper
131 100
133 93.7 48.9 146.6
119 64.3 35.3 105.7





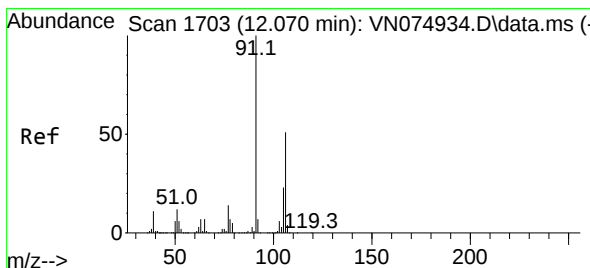
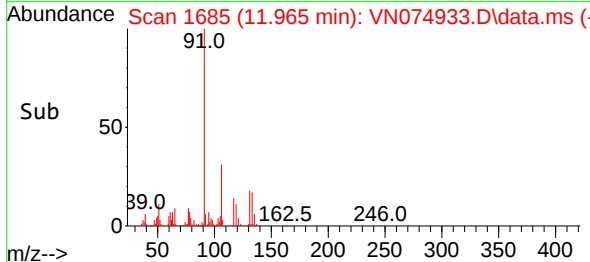
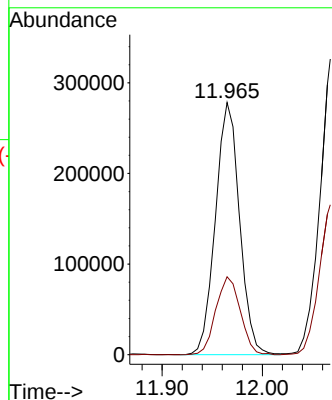
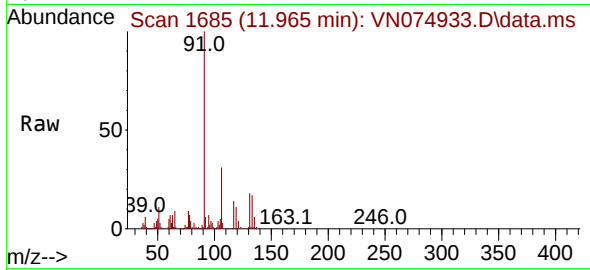
#67
Ethyl Benzene
Concen: 19.969 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 464925
Ion Ratio Lower Upper
91 100
106 30.9 25.0 37.6

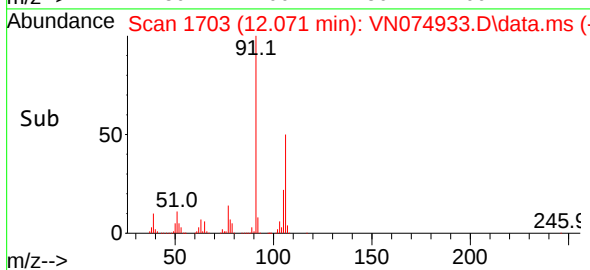
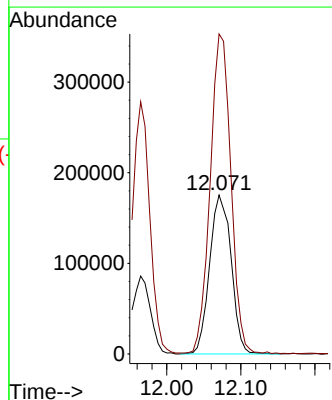
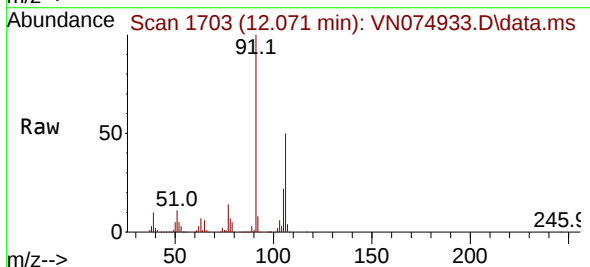
Manual Integrations
APPROVED

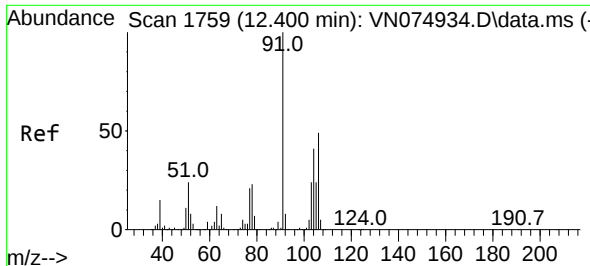
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#68
m/p-Xylenes
Concen: 39.480 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

Tgt Ion:106 Resp: 354125
Ion Ratio Lower Upper
106 100
91 192.7 157.4 236.2





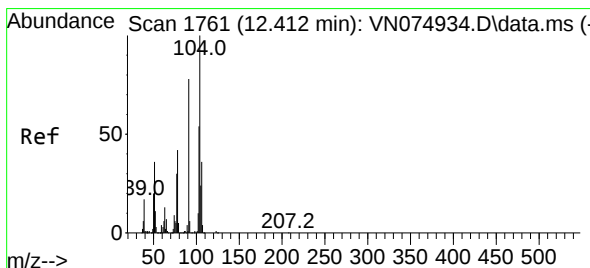
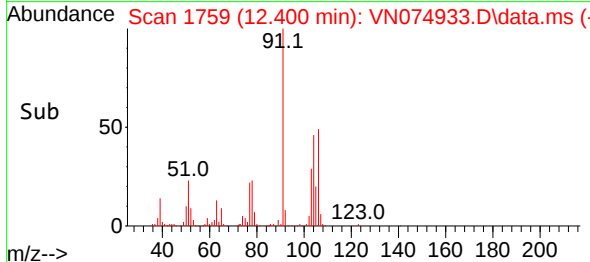
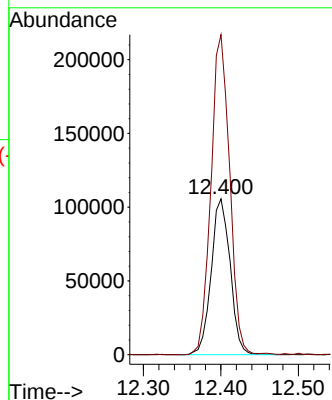
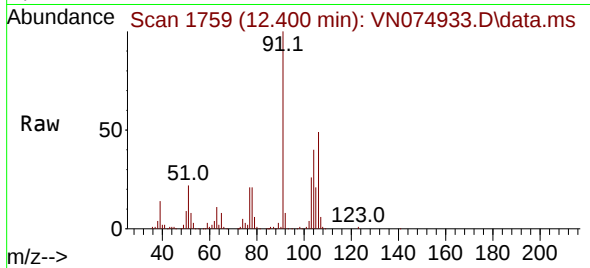
#69
o-Xylene
Concen: 19.499 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 17974
Ion Ratio Lower Upper
106 100
91 202.3 101.1 303.1

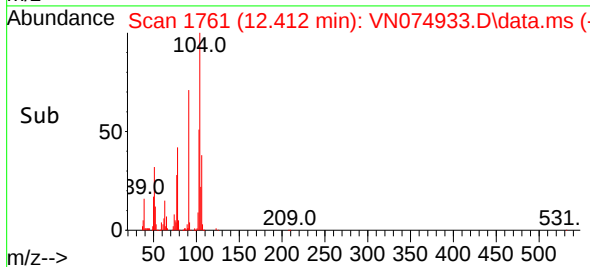
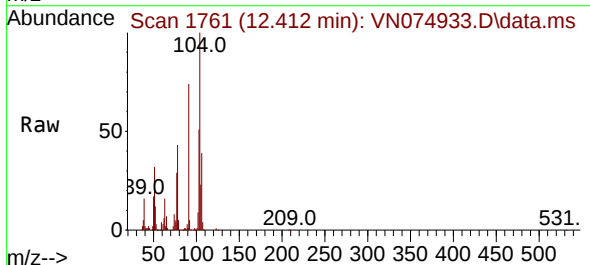
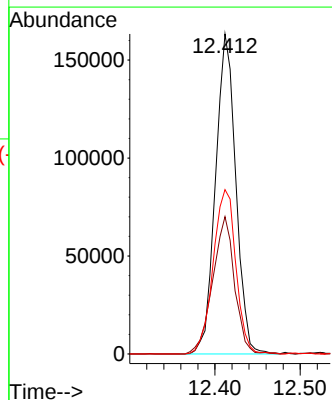
Manual Integrations
APPROVED

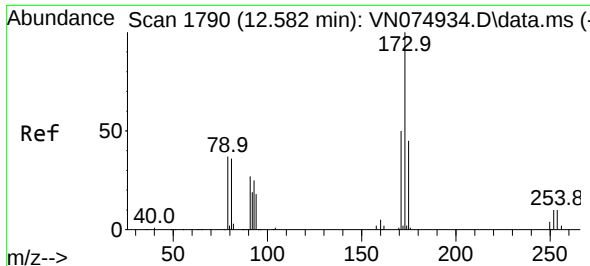
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#70
Styrene
Concen: 19.531 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

Tgt Ion:104 Resp: 270518
Ion Ratio Lower Upper
104 100
78 46.1 37.4 56.2
103 57.6 44.6 66.8





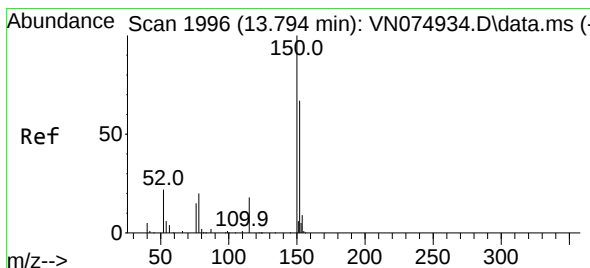
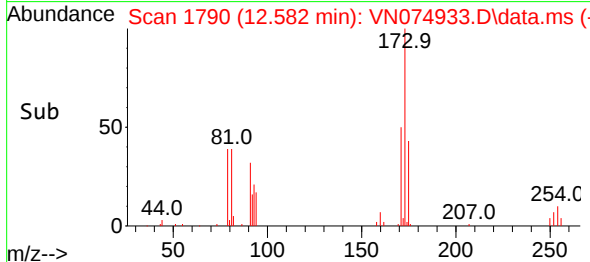
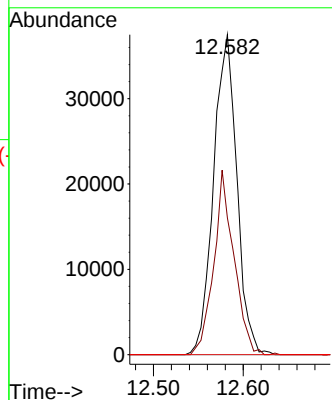
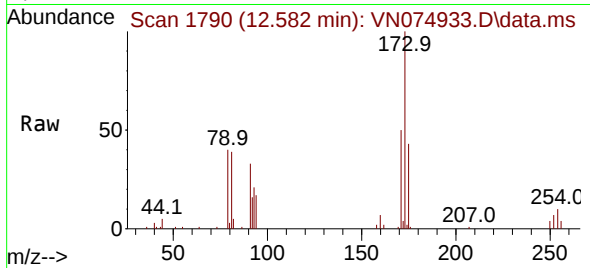
#71
Bromoform
Concen: 19.359 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:173 Resp: 6755
Ion Ratio Lower Upper
173 100
175 49.9 23.4 70.2
254 0.0 0.0 0.0

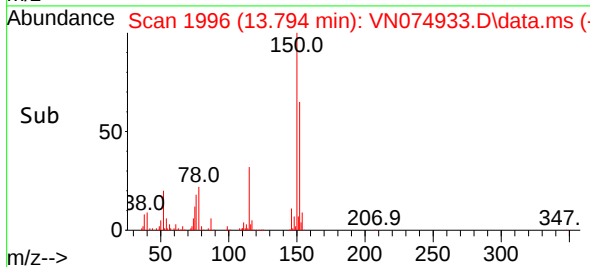
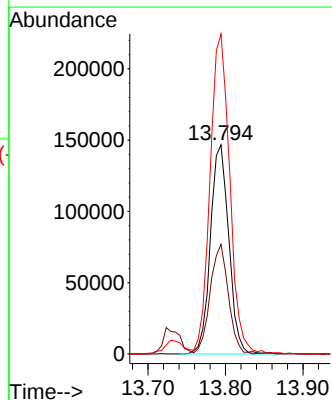
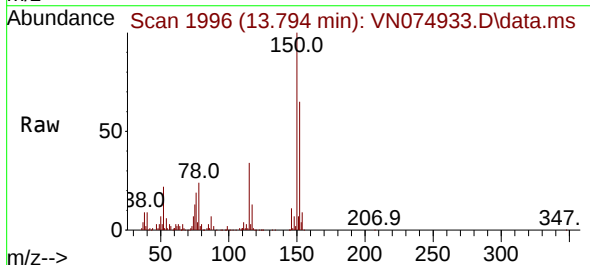
Manual Integrations
APPROVED

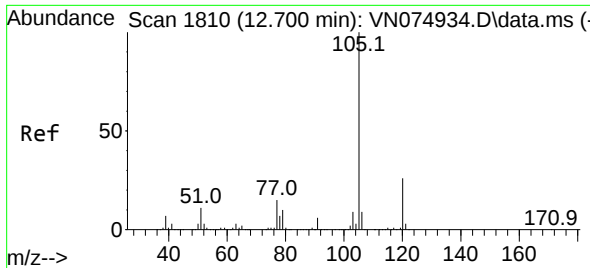
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

Tgt Ion:152 Resp: 242041
Ion Ratio Lower Upper
152 100
115 51.2 28.2 84.6
150 162.1 0.0 352.0





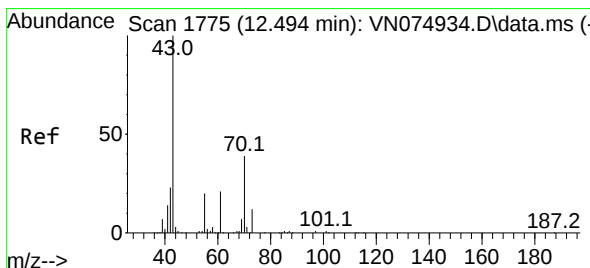
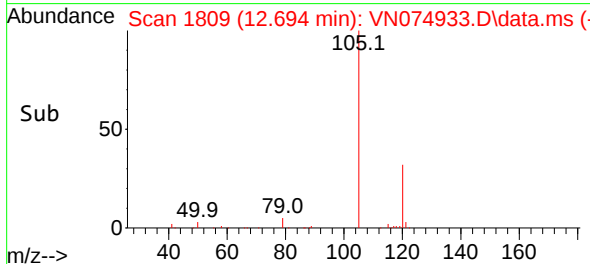
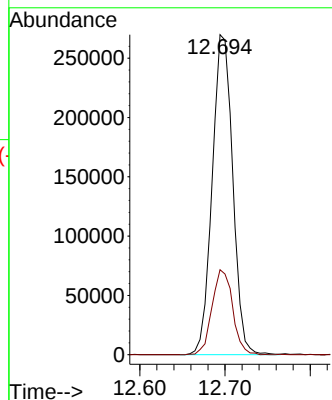
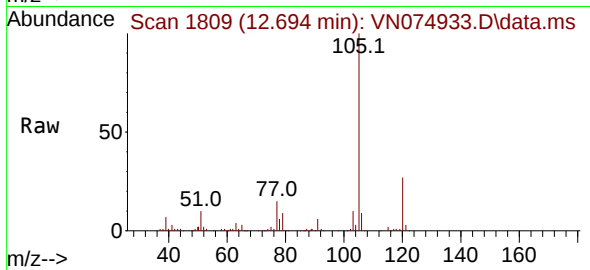
#73
Isopropylbenzene
Concen: 20.460 ug/l
RT: 12.694 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:105 Resp: 45152
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.9

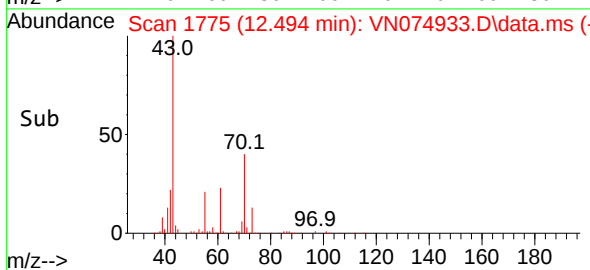
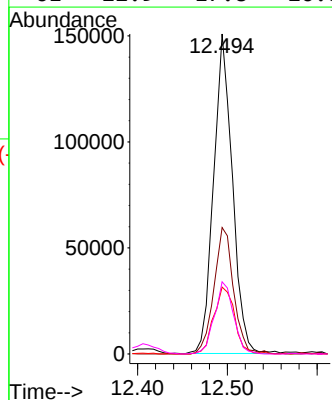
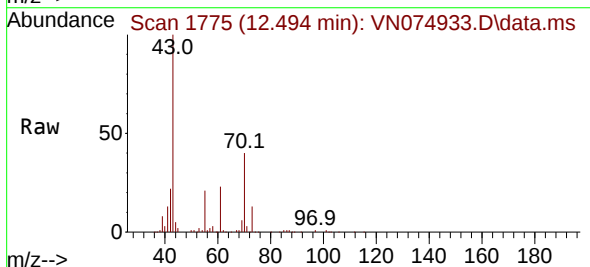
Manual Integrations
APPROVED

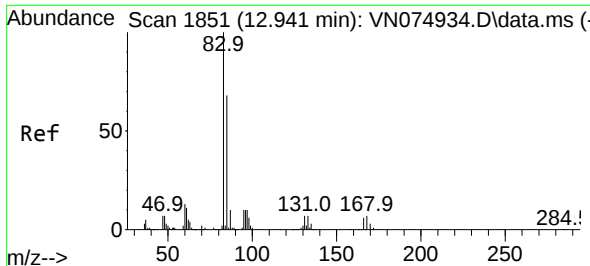
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#74
N-ethyl acetate
Concen: 19.884 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

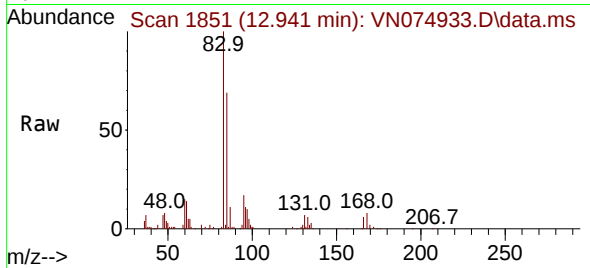
Tgt Ion: 43 Resp: 219475
Ion Ratio Lower Upper
43 100
70 41.4 32.9 49.3
55 23.2 17.7 26.5
61 22.9 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 19.120 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

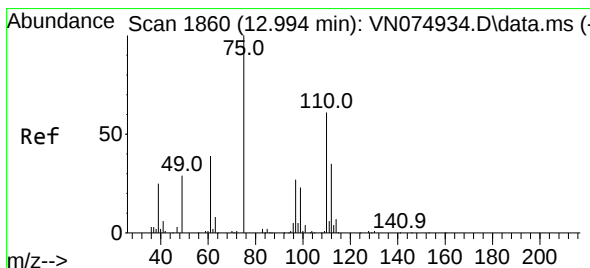
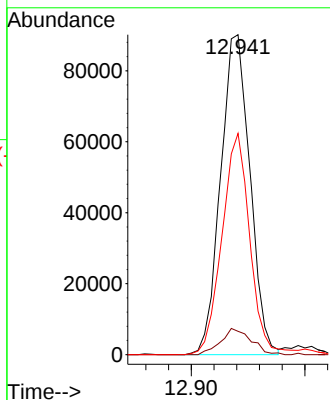
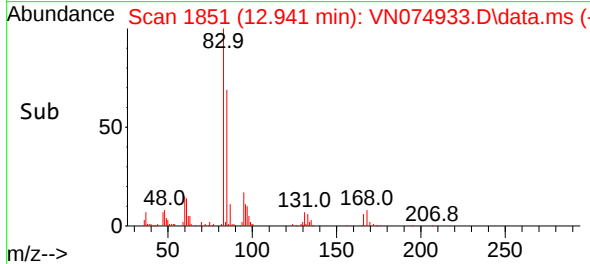
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



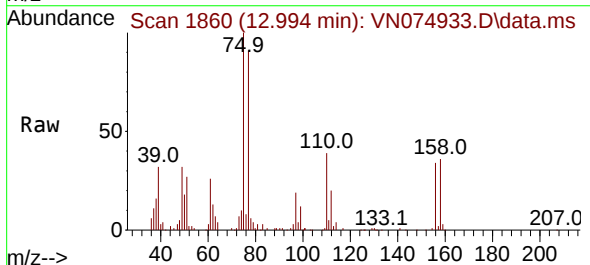
Tgt Ion: 83 Resp: 161970
Ion Ratio Lower Upper
83 100
131 8.4 4.3 12.8
85 65.7 33.0 98.9

Manual Integrations
APPROVED

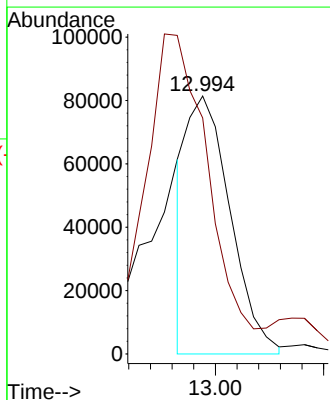
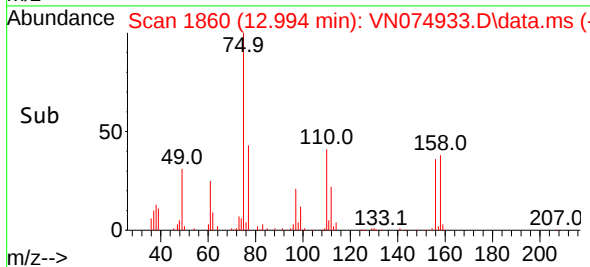
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

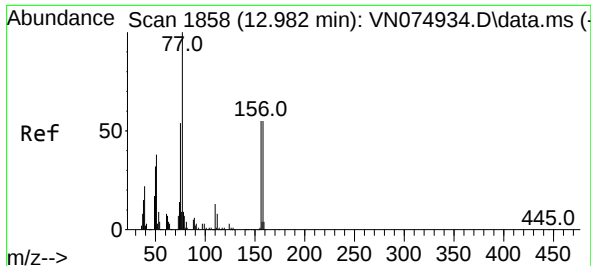


#76
1,2,3-Trichloropropane
Concen: 18.847 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08



Tgt Ion: 75 Resp: 113954
Ion Ratio Lower Upper
75 100
77 184.7 79.8 239.4





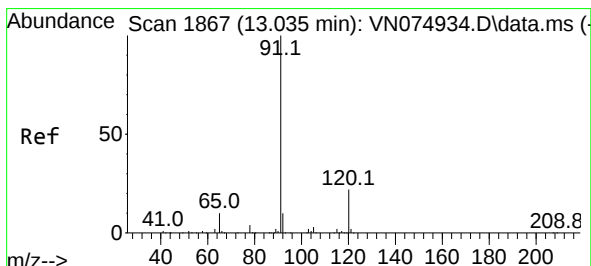
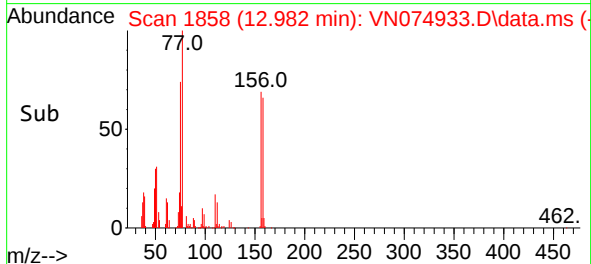
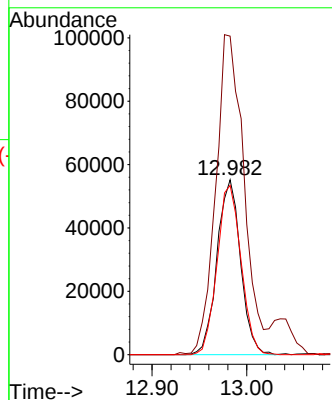
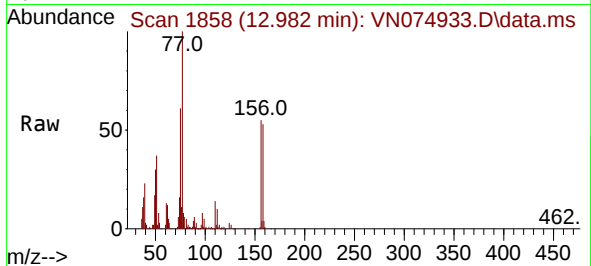
#77
Bromobenzene
Concen: 19.798 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:156 Resp: 9550
Ion Ratio Lower Upper
156 100
77 220.4 107.8 323.6
158 98.4 48.2 144.6

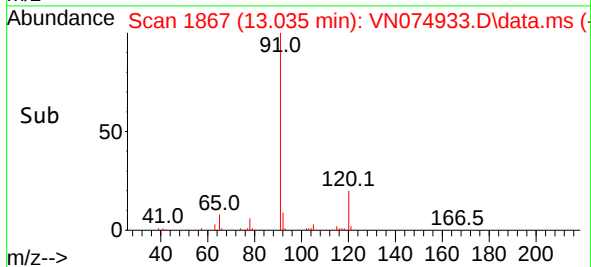
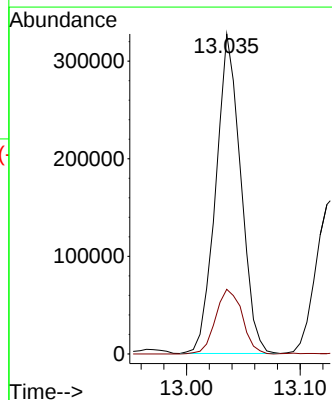
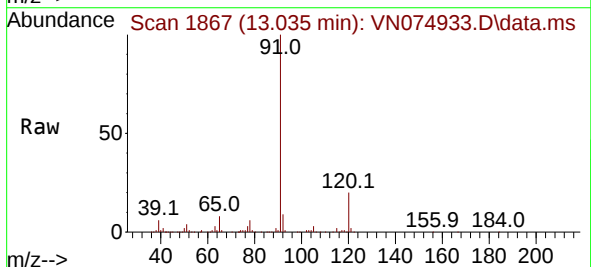
Manual Integrations
APPROVED

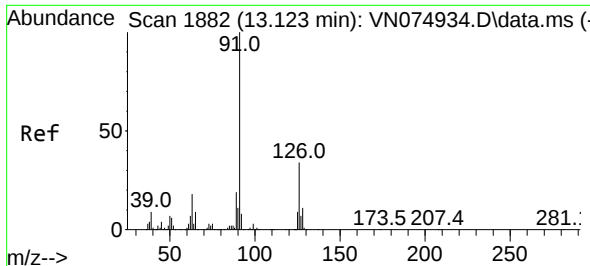
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#78
n-propylbenzene
Concen: 20.271 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

Tgt Ion: 91 Resp: 499895
Ion Ratio Lower Upper
91 100
120 21.6 11.3 33.9





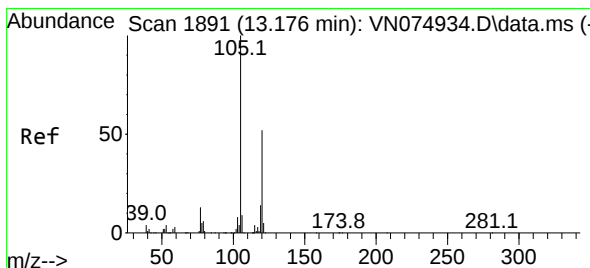
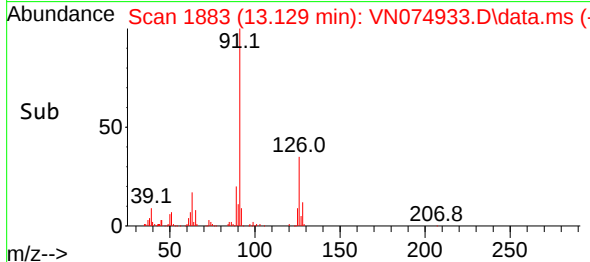
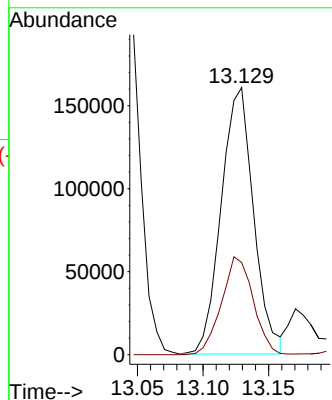
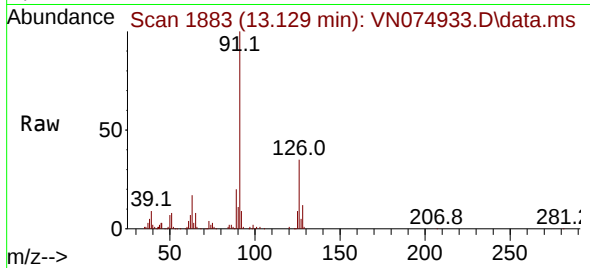
#79
2-Chlorotoluene
Concen: 19.338 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.006 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 276135
Ion Ratio Lower Upper
91 100
126 36.0 17.4 52.3

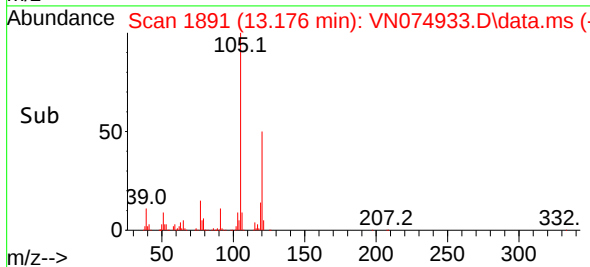
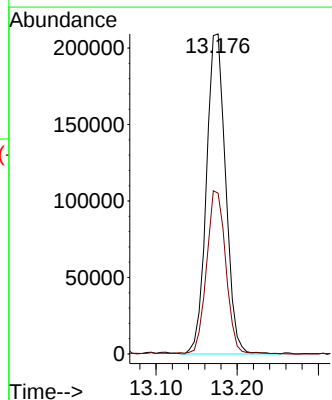
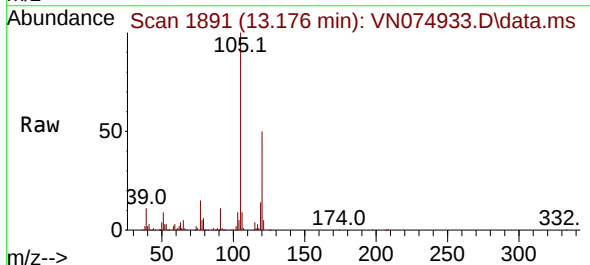
Manual Integrations
APPROVED

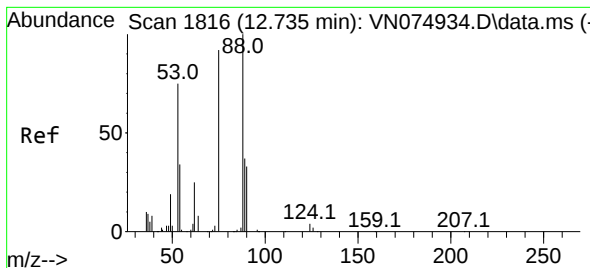
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#80
1,3,5-Trimethylbenzene
Concen: 19.498 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

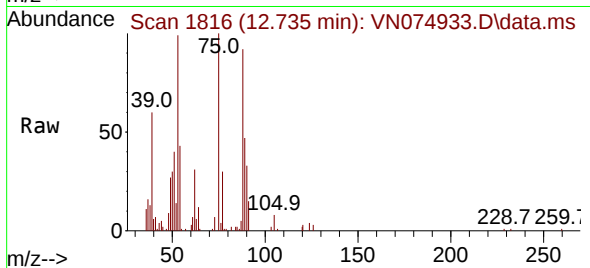
Tgt Ion:105 Resp: 342612
Ion Ratio Lower Upper
105 100
120 51.3 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 19.374 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

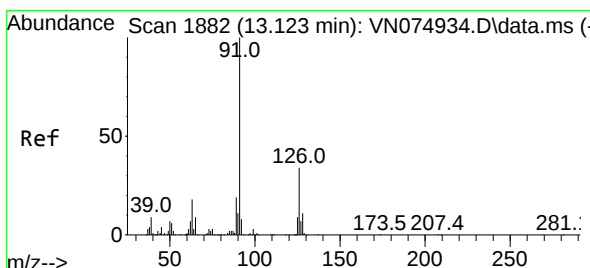
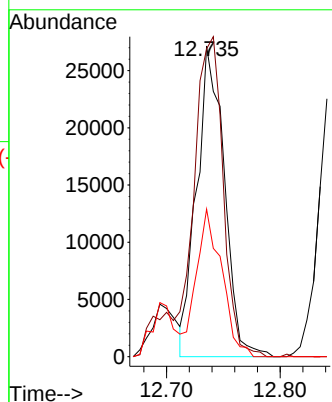
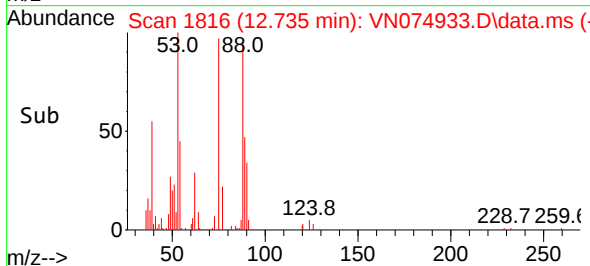
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 75 Resp: 4578
Ion Ratio Lower Upper
75 100
53 120.9 81.4 122.0
89 44.0 35.1 52.7

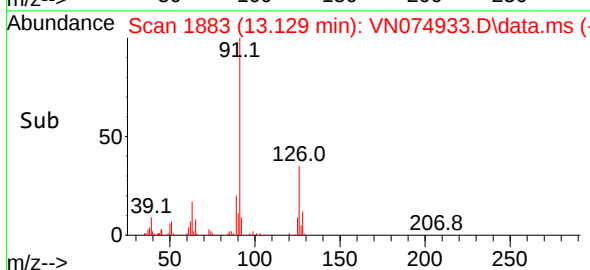
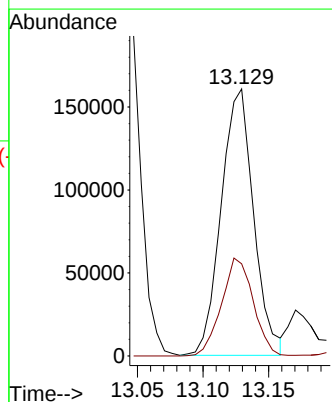
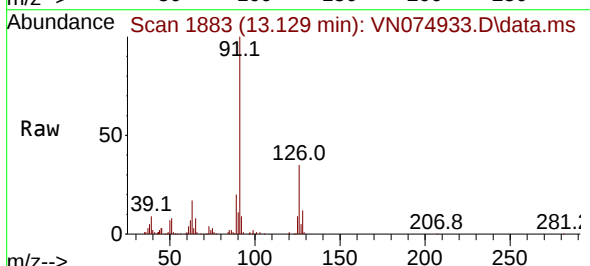
Manual Integrations
APPROVED

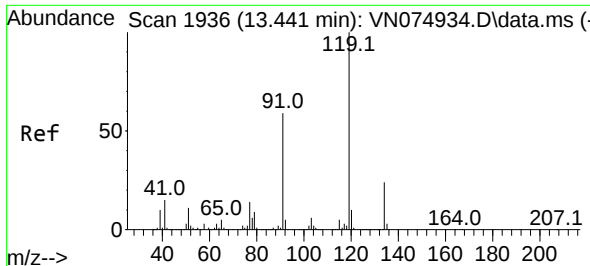
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#82
4-Chlorotoluene
Concen: 19.338 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.006 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

Tgt Ion: 91 Resp: 276135
Ion Ratio Lower Upper
91 100
126 36.0 17.4 52.3





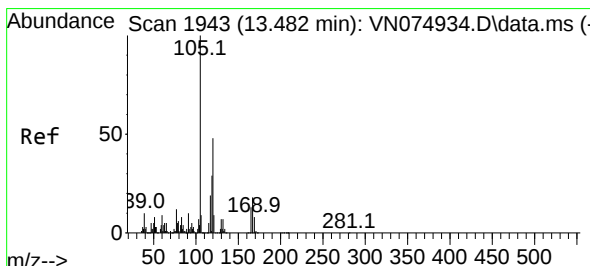
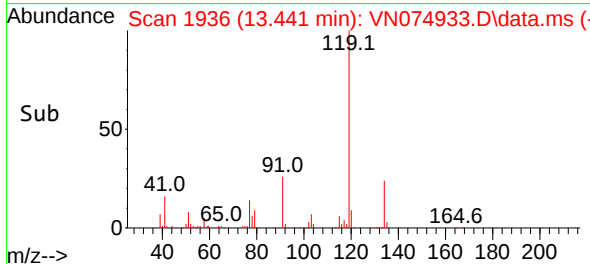
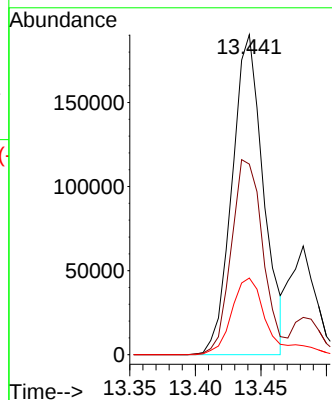
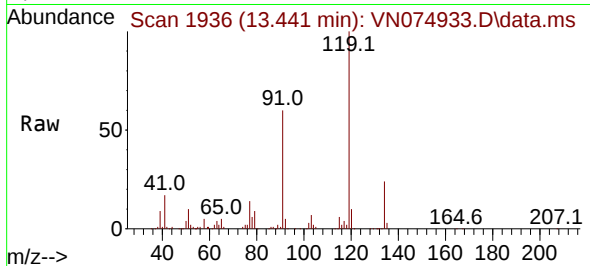
#83
tert-Butylbenzene
Concen: 20.037 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:119 Resp: 31634
Ion Ratio Lower Upper
119 100
91 62.2 29.8 89.5
134 27.2 13.5 40.5

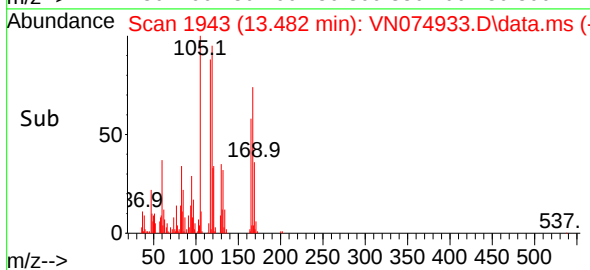
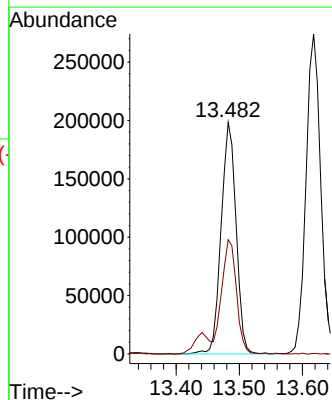
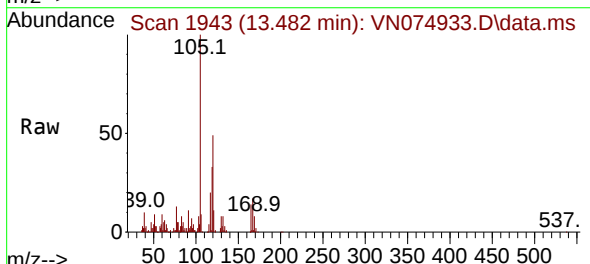
Manual Integrations
APPROVED

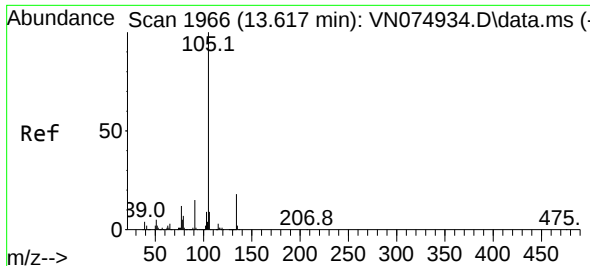
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#84
1,2,4-Trimethylbenzene
Concen: 19.370 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

Tgt Ion:105 Resp: 325867
Ion Ratio Lower Upper
105 100
120 48.3 22.4 67.3





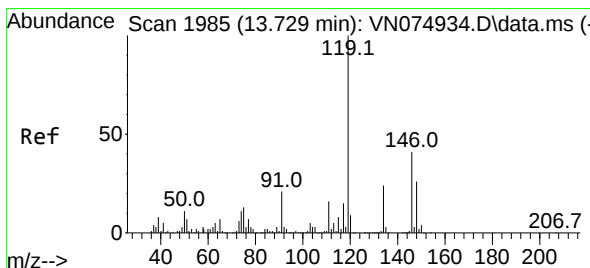
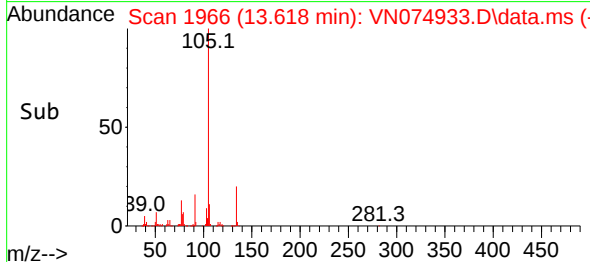
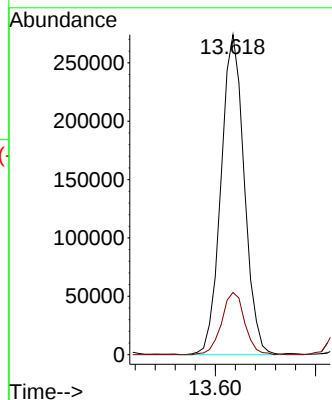
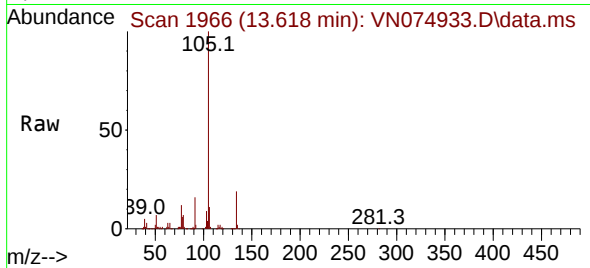
#85
 sec-Butylbenzene
 Concen: 20.629 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN074933.D
 Acq: 19 Oct 2022 16:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion:105 Resp: 44085
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.6 28.6

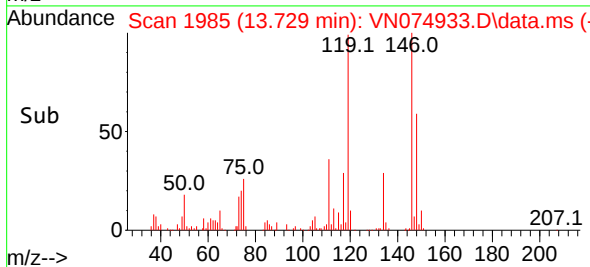
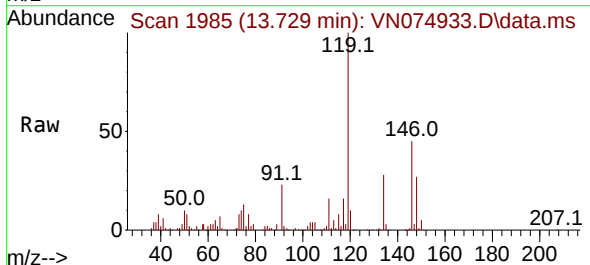
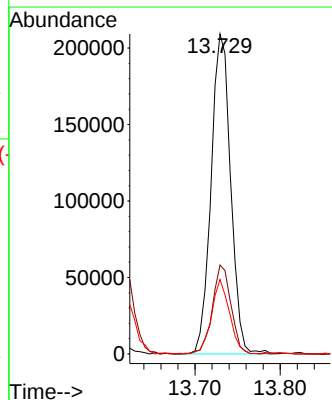
Manual Integrations
 APPROVED

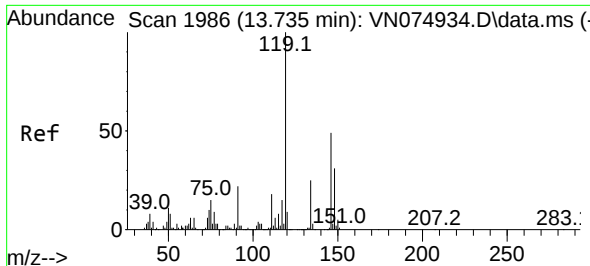
Reviewed By :John Carlone 10/20/2022
 Supervised By :Mahesh Dadoda 10/20/2022



#86
 p-Isopropyltoluene
 Concen: 20.191 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN074933.D
 Acq: 19 Oct 2022 16:08

Tgt Ion:119 Resp: 334189
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.9 38.7
 91 21.5 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 18.127 ug/l

RT: 13.729 min Scan# 1985

Delta R.T. -0.006 min

Lab File: VN074933.D

Acq: 19 Oct 2022 16:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion:146 Resp: 153869

Ion Ratio Lower Upper

146 100

111 38.9 19.1 57.5

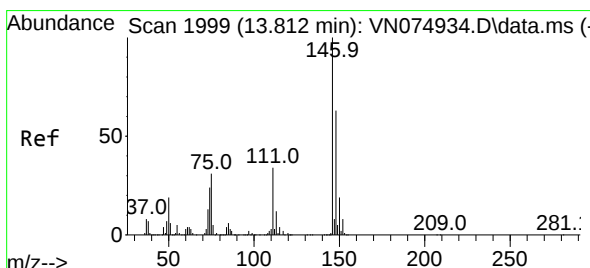
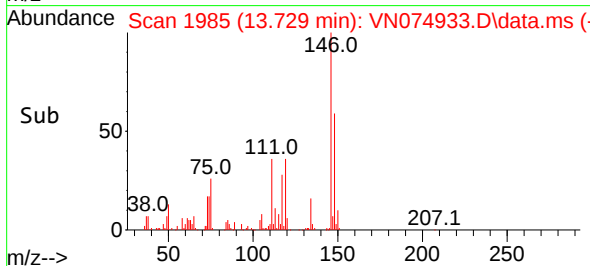
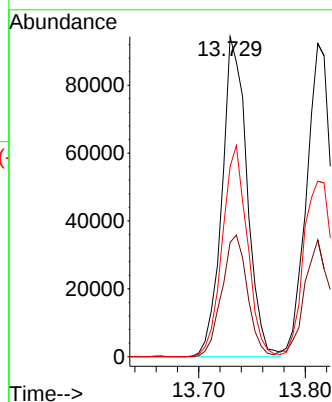
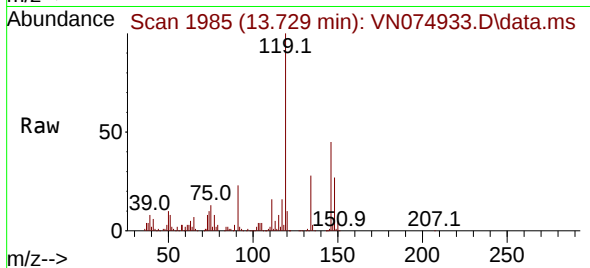
148 65.9 31.3 93.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#88

1,4-Dichlorobenzene

Concen: 18.366 ug/l

RT: 13.812 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VN074933.D

Acq: 19 Oct 2022 16:08

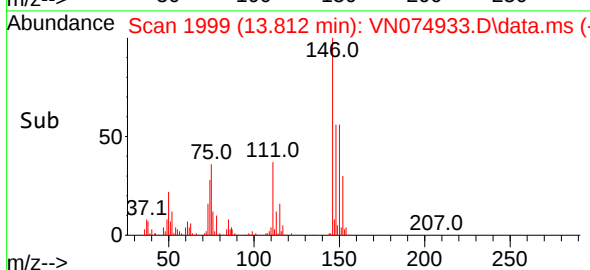
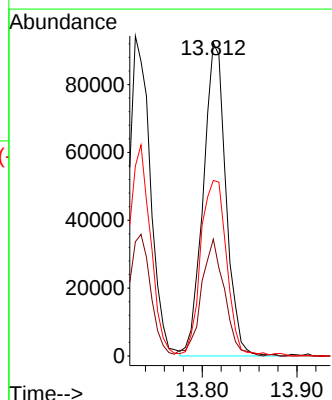
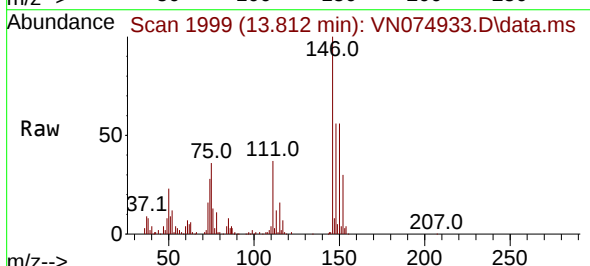
Tgt Ion:146 Resp: 153874

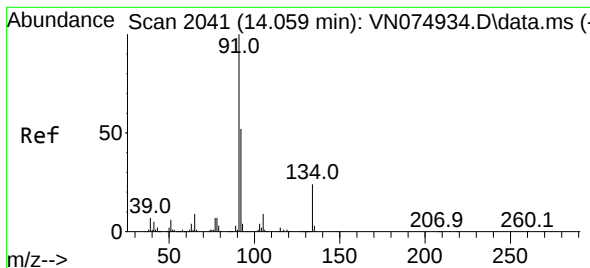
Ion Ratio Lower Upper

146 100

111 38.1 18.0 54.0

148 63.0 31.6 95.0





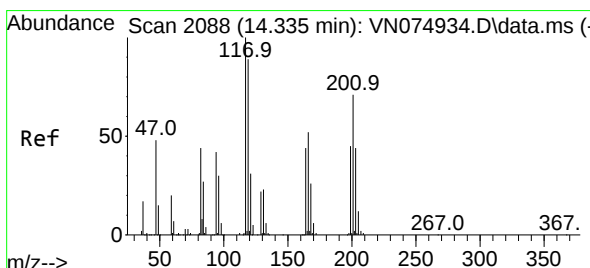
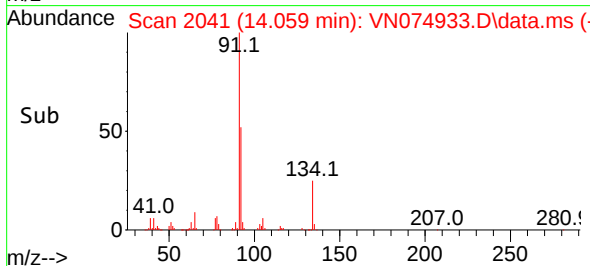
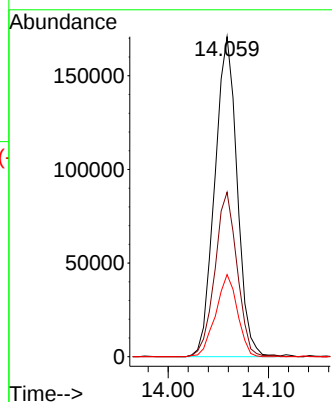
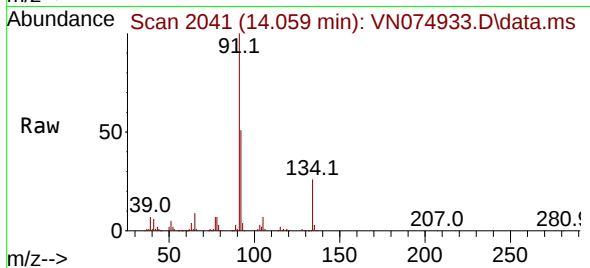
#89
n-Butylbenzene
Concen: 19.289 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 26444
Ion Ratio Lower Upper
91 100
92 51.0 25.0 75.0
134 24.9 12.0 36.0

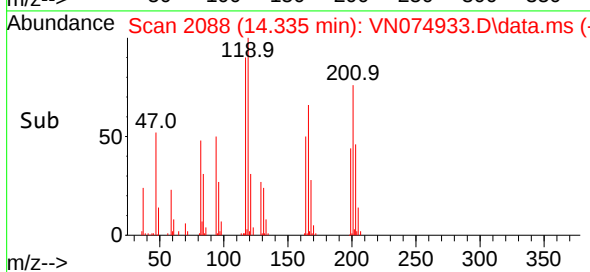
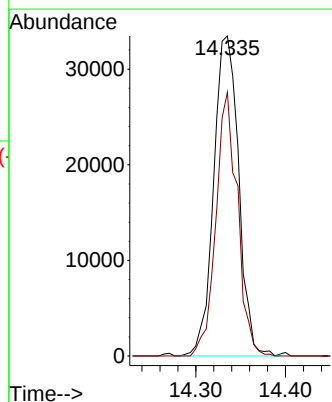
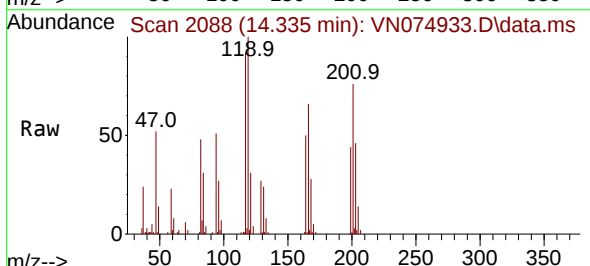
Manual Integrations
APPROVED

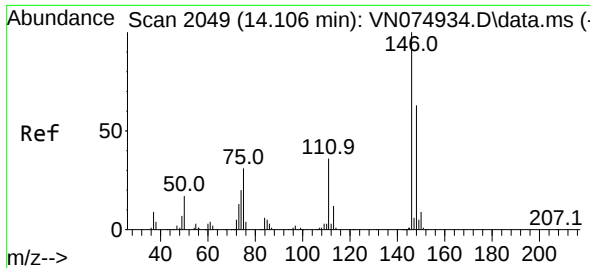
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#90
Hexachloroethane
Concen: 17.791 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

Tgt Ion:117 Resp: 64741
Ion Ratio Lower Upper
117 100
201 71.0 33.5 100.4





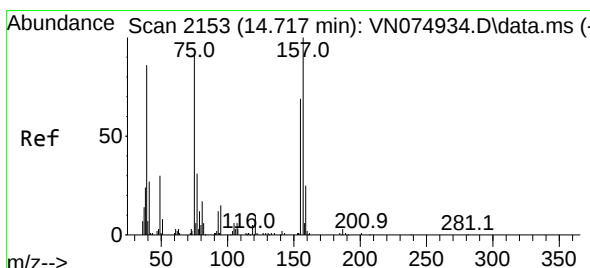
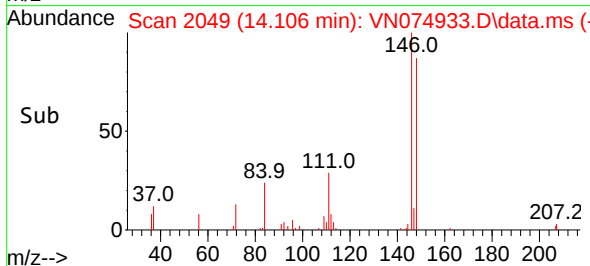
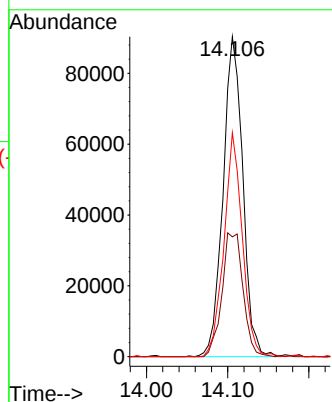
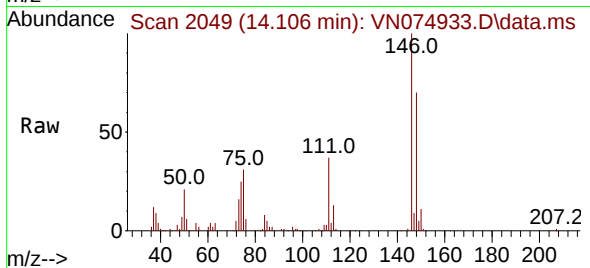
#91
1,2-Dichlorobenzene
Concen: 18.769 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. 0.000 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:146 Resp: 15308
Ion Ratio Lower Upper
146 100
111 41.1 19.3 57.8
148 65.1 31.4 94.0

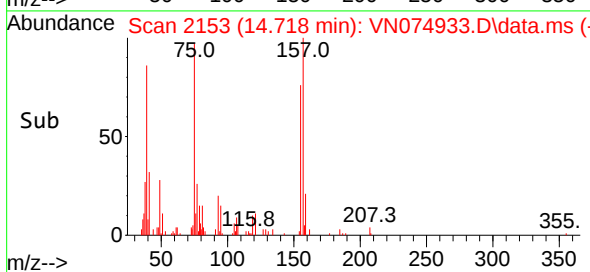
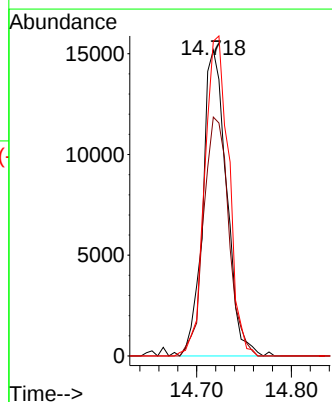
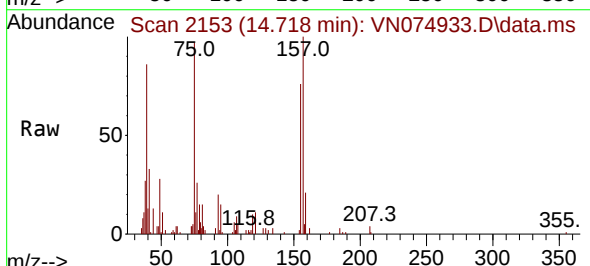
Manual Integrations
APPROVED

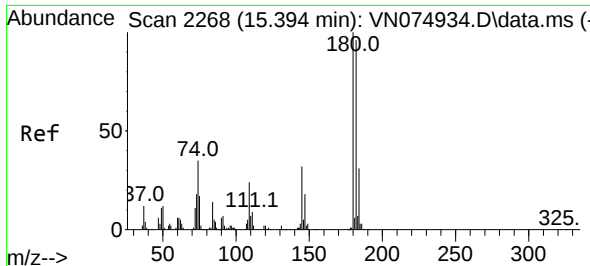
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.218 ug/l
RT: 14.718 min Scan# 2153
Delta R.T. 0.000 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

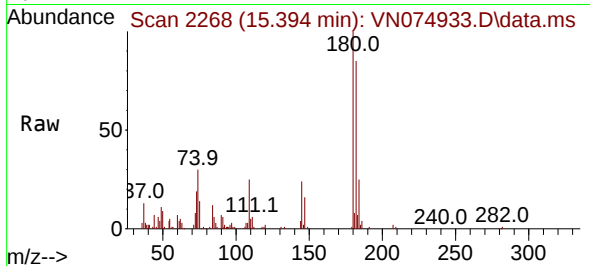
Tgt Ion: 75 Resp: 26430
Ion Ratio Lower Upper
75 100
155 82.7 46.6 139.7
157 105.9 59.4 178.2





#93
1,2,4-Trichlorobenzene
Concen: 18.959 ug/l
RT: 15.394 min Scan# 2268
Delta R.T. 0.000 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

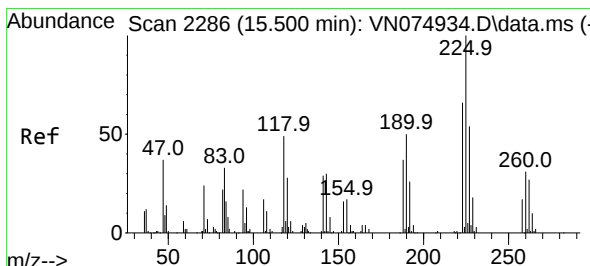
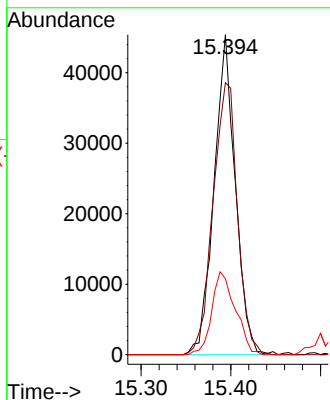
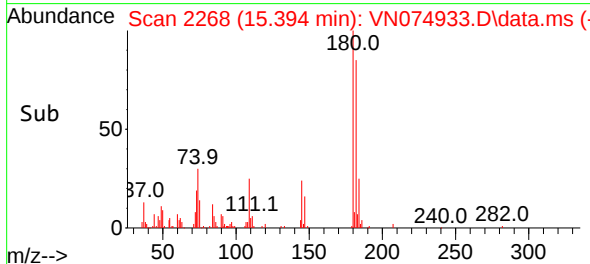
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



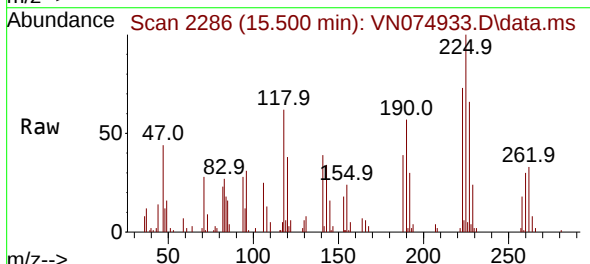
Tgt Ion:180 Resp: 74869
Ion Ratio Lower Upper
180 100
182 97.1 47.9 143.8
145 28.6 15.0 45.1

Manual Integrations
APPROVED

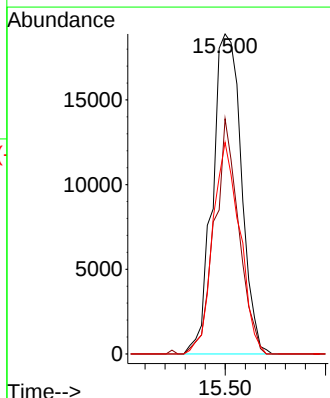
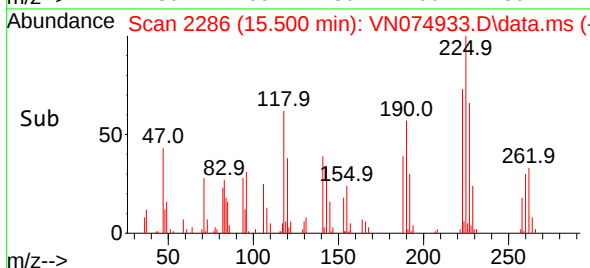
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

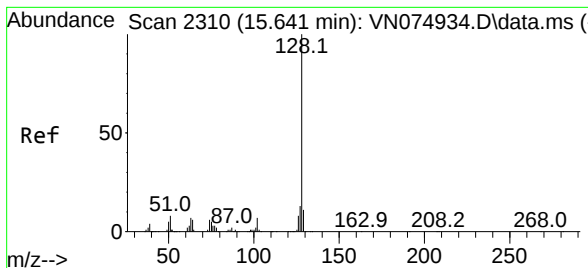


#94
Hexachlorobutadiene
Concen: 17.921 ug/l
RT: 15.500 min Scan# 2286
Delta R.T. 0.000 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08



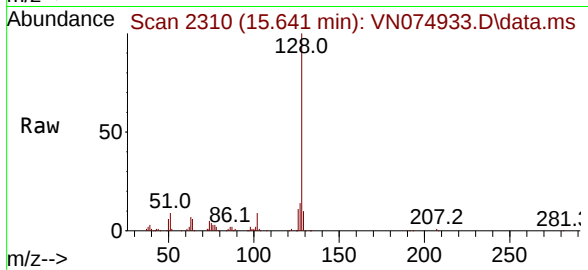
Tgt Ion:225 Resp: 37641
Ion Ratio Lower Upper
225 100
223 61.9 34.3 102.9
227 62.1 31.2 93.6





#95
Naphthalene
Concen: 18.973 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. 0.000 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

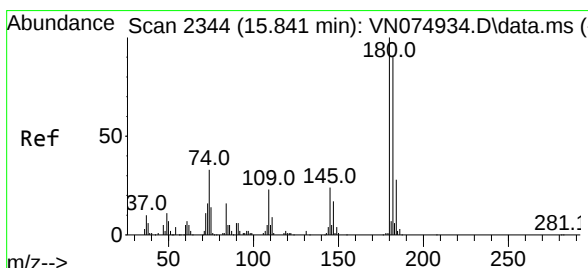
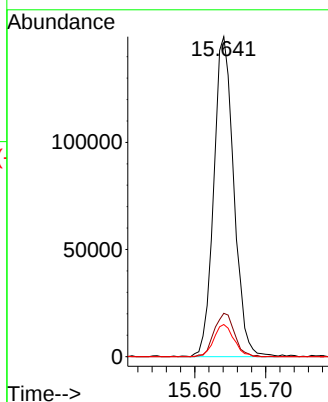
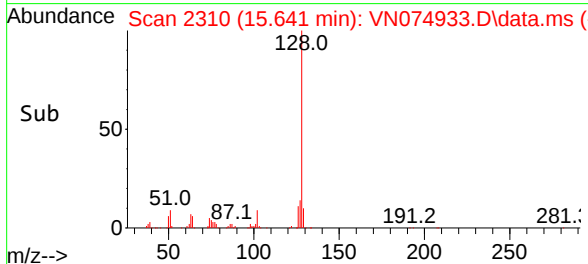
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



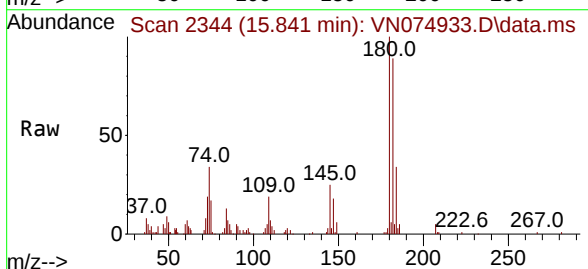
Tgt Ion:128 Resp: 292400
Ion Ratio Lower Upper
128 100
127 13.8 10.4 15.6
129 10.1 8.6 12.8

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 18.460 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. 0.000 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08



Tgt Ion:180 Resp: 79663
Ion Ratio Lower Upper
180 100
182 95.6 46.0 138.0
145 28.5 13.6 40.7

