

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102022\
 Data File : VN074940.D
 Acq On : 20 Oct 2022 14:26
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Oct 21 03:03:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 21 03:02:02 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/21/2022
 Supervised By : Mahesh Dadoda 10/21/2022

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	371996	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	634468	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	676743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	413574	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	50353	5.634	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	11.260%#		
35) Dibromofluoromethane	8.171	113	39065	5.634	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	11.260%#		
50) Toluene-d8	10.565	98	143366	5.160	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	10.320%#		
62) 4-Bromofluorobenzene	12.853	95	46923	5.874	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	11.740%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	35744	5.747	ug/l	96
3) Chloromethane	2.371	50	47636	5.253	ug/l	98
4) Vinyl Chloride	2.524	62	71321	4.983	ug/l	95
5) Bromomethane	2.930	94	60505	4.355	ug/l	81
6) Chloroethane	3.112	64	58848	4.516	ug/l	93
7) Trichlorofluoromethane	3.501	101	77646	7.804	ug/l	88
8) Diethyl Ether	3.983	74	25794	5.847	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.377	101	46303	7.650	ug/l #	74
10) Methyl Iodide	4.595	142	54403	6.473	ug/l #	66
11) Tert butyl alcohol	5.536	59	68479	32.814	ug/l #	88
12) 1,1-Dichloroethene	4.348	96	39159	6.666	ug/l	83
13) Acrolein	4.200	56	43292	31.604	ug/l	98
14) Allyl chloride	5.042	41	59853m	5.572	ug/l	
15) Acrylonitrile	5.742	53	128164	26.471	ug/l	97
16) Acetone	4.447	43	145719	35.119	ug/l	99
17) Carbon Disulfide	4.718	76	87035	6.762	ug/l	98
18) Methyl Acetate	5.042	43	72407	4.923	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	148723	6.537	ug/l	99
20) Methylene Chloride	5.289	84	51559	6.146	ug/l #	90
21) trans-1,2-Dichloroethene	5.800	96	42406	6.604	ug/l #	76
22) Diisopropyl ether	6.683	45	125288	5.460	ug/l #	87
23) Vinyl Acetate	6.618	43	497689m	27.003	ug/l	
24) 1,1-Dichloroethane	6.577	63	82259	6.128	ug/l	98
25) 2-Butanone	7.494	43	181999	26.963	ug/l	100
26) 2,2-Dichloropropane	7.494	77	75829	7.112	ug/l	100
27) cis-1,2-Dichloroethene	7.500	96	50444	6.179	ug/l	99
28) Bromochloromethane	7.818	49	26505	4.401	ug/l	92
29) Tetrahydrofuran	7.847	42	110172	24.293	ug/l	94
30) Chloroform	7.971	83	87793	6.346	ug/l	99
31) Cyclohexane	8.259	56	73900	6.725	ug/l #	78
32) 1,1,1-Trichloroethane	8.171	97	79911	6.816	ug/l #	89
36) 1,1-Dichloropropene	8.371	75	62369	6.590	ug/l	98
37) Ethyl Acetate	7.571	43	67617	5.323	ug/l #	91
38) Carbon Tetrachloride	8.371	117	62767	6.666	ug/l #	91
39) Methylcyclohexane	9.600	83	70648	6.561	ug/l	88
40) Benzene	8.612	78	187237	6.171	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	36459	5.460	ug/l #	93
42) 1,2-Dichloroethane	8.677	62	67294	6.625	ug/l	99
43) Isopropyl Acetate	8.688	43	110382	5.373	ug/l	100
44) Trichloroethene	9.353	130	43324	6.322	ug/l	86
45) 1,2-Dichloropropane	9.624	63	43535	5.301	ug/l	90
46) Dibromomethane	9.712	93	34788	6.598	ug/l	97
47) Bromodichloromethane	9.894	83	70796	6.692	ug/l #	81
48) Methyl methacrylate	9.682	41	45094	4.906	ug/l	97
49) 1,4-Dioxane	9.700	88	26255	127.314	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	338651	25.477	ug/l	98
52) Toluene	10.629	92	118157	6.327	ug/l	95
53) t-1,3-Dichloropropene	10.835	75	64440	5.937	ug/l	89
54) cis-1,3-Dichloropropene	10.318	75	68285	5.830	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	48122	6.224	ug/l	97
56) Ethyl methacrylate	10.877	69	66636	5.415	ug/l	98
57) 1,3-Dichloropropane	11.159	76	83527	6.121	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	109547	21.692	ug/l	97
59) 2-Hexanone	11.200	43	256046	26.192	ug/l	97
60) Dibromochloromethane	11.359	129	50182	6.632	ug/l	95
61) 1,2-Dibromoethane	11.465	107	46124	6.153	ug/l	95
64) Tetrachloroethene	11.100	164	37157	6.603	ug/l	92
65) Chlorobenzene	11.894	112	126065	6.561	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	46985	6.600	ug/l	97
67) Ethyl Benzene	11.965	91	216469	6.409	ug/l	98
68) m/p-Xylenes	12.071	106	172558	13.499	ug/l	94
69) o-Xylene	12.400	106	79816	6.008	ug/l	94
70) Styrene	12.412	104	130681	6.322	ug/l	97
71) Bromoform	12.576	173	33439	6.634	ug/l #	94
73) Isopropylbenzene	12.694	105	212081	5.770	ug/l	98
74) N-amyl acetate	12.494	43	84340	4.645	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	77976	5.438	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	65869m	6.337	ug/l	
77) Bromobenzene	12.982	156	46750	5.710	ug/l	98
78) n-propylbenzene	13.035	91	237889	5.768	ug/l	99
79) 2-Chlorotoluene	13.123	91	151504	6.453	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	176283	6.133	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	21245	5.531	ug/l	96
82) 4-Chlorotoluene	13.123	91	151504	6.453	ug/l	100
83) tert-Butylbenzene	13.441	119	156528	5.853	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	182624	6.641	ug/l	94
85) sec-Butylbenzene	13.618	105	220625	6.071	ug/l	98
86) p-Isopropyltoluene	13.729	119	177242	6.446	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	91022	6.668	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	94898	6.925	ug/l	96
89) n-Butylbenzene	14.059	91	152780	6.712	ug/l	98
90) Hexachloroethane	14.335	117	34194	5.915	ug/l	92
91) 1,2-Dichlorobenzene	14.106	146	92834	6.745	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	15983	6.923	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	41072	6.042	ug/l	99
94) Hexachlorobutadiene	15.494	225	23492	6.757	ug/l	99
95) Naphthalene	15.641	128	145264	5.725	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.847	180	40264	5.808	ug/l	99

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 ALS Vial : 3 Sample Multiplier: 1

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

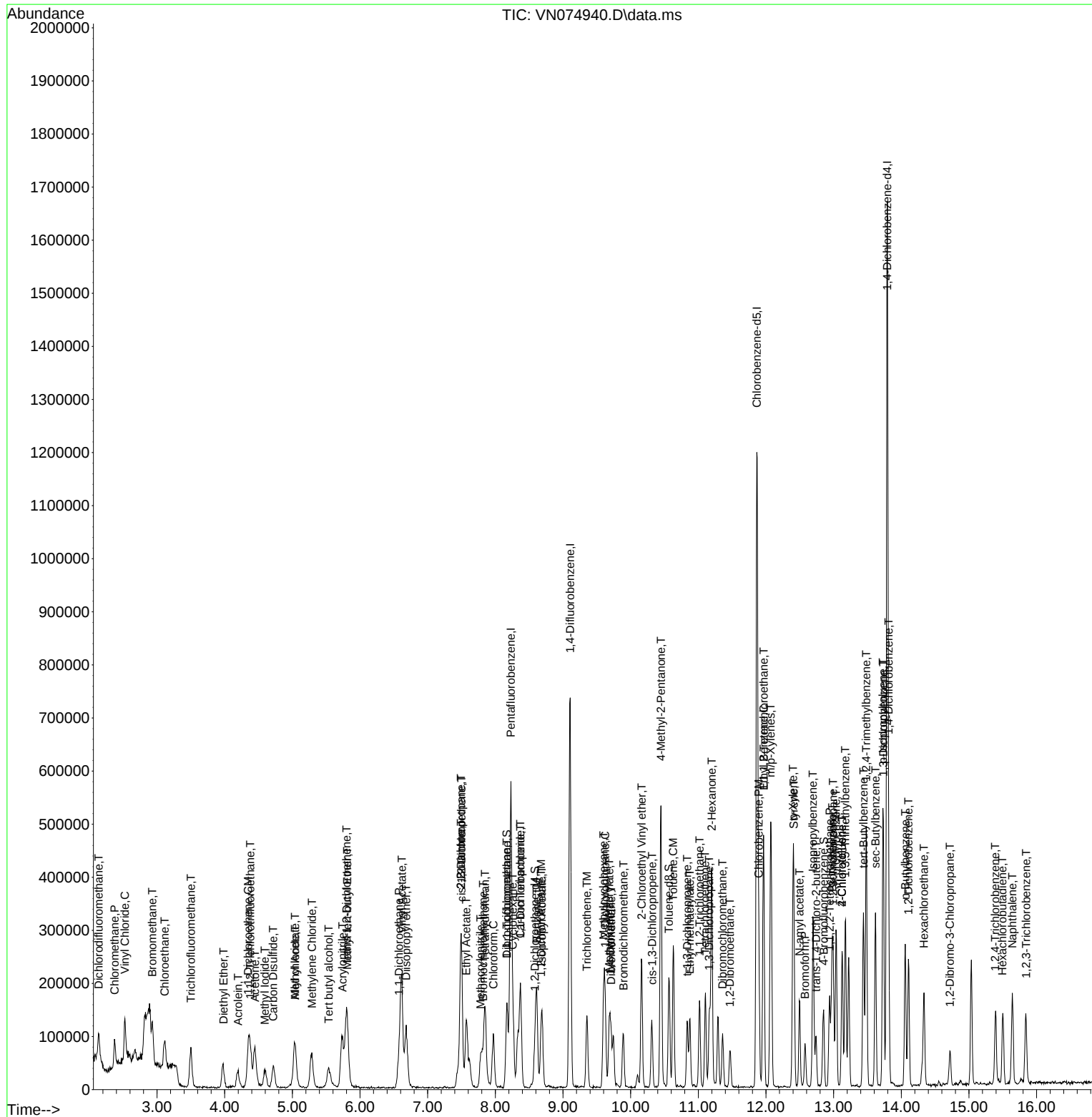
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Sample : VSTDIC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

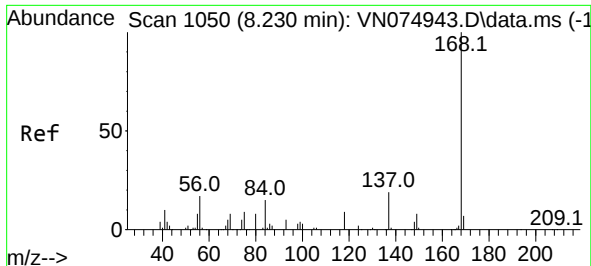
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
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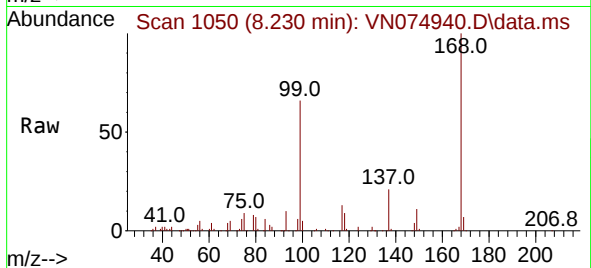
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN074940.D
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MSVOA_N

ClientSampleId :

VSTDIC005

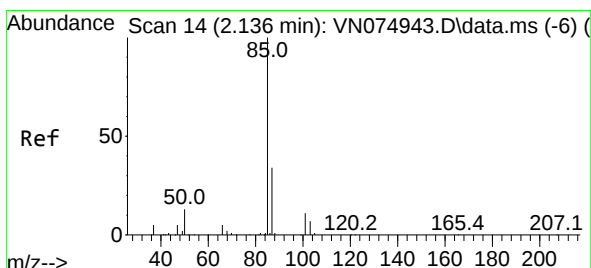
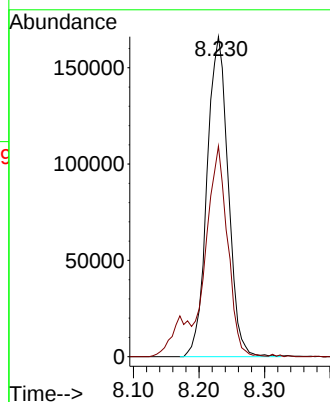
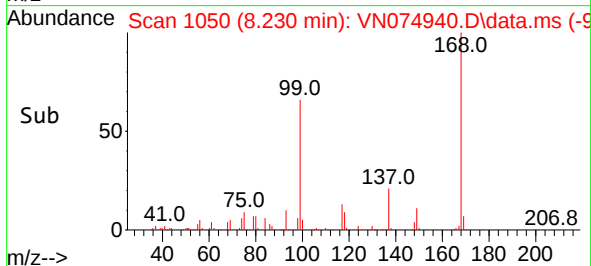


Tgt Ion:168 Resp: 371990
Ion Ratio Lower Upper
168 100
99 65.2 52.2 78.4

Manual Integrations

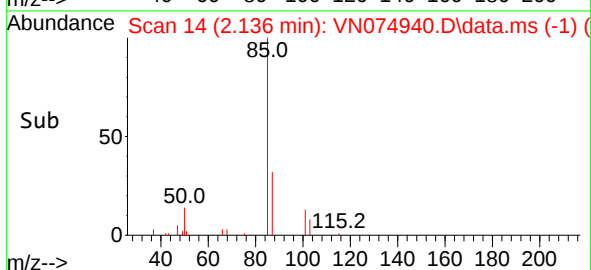
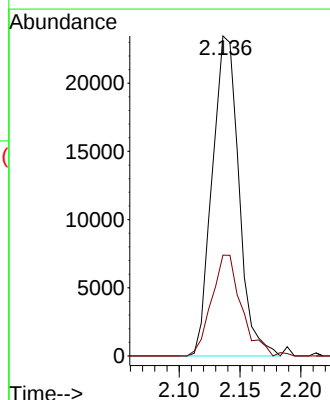
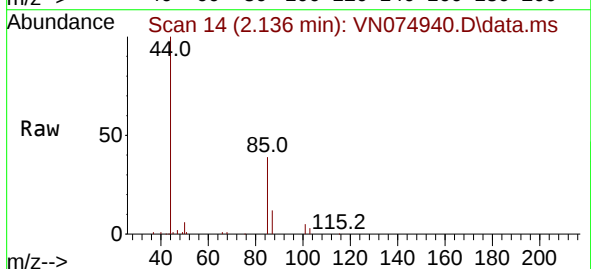
APPROVED

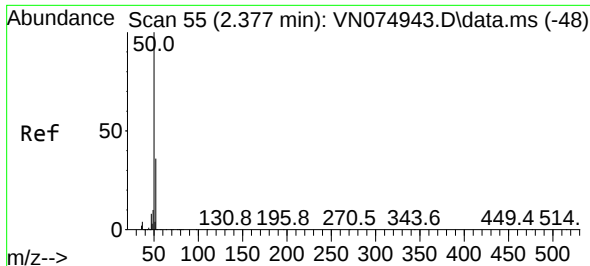
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#2
Dichlorodifluoromethane
Concen: 5.747 ug/l
RT: 2.136 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26

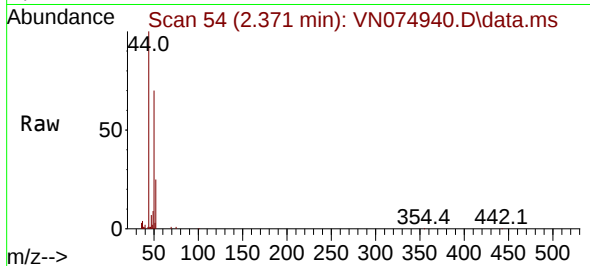
Tgt Ion: 85 Resp: 35744
Ion Ratio Lower Upper
85 100
87 31.5 17.1 51.2





#3
Chloromethane
Concen: 5.253 ug/l
RT: 2.371 min Scan# 54
Delta R.T. -0.006 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26

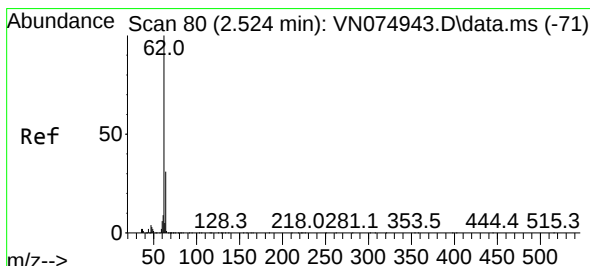
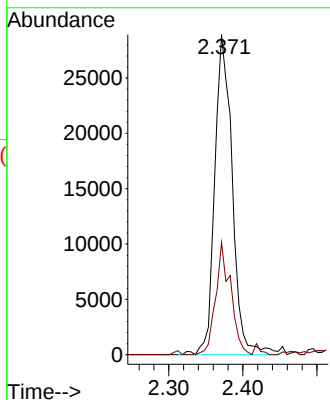
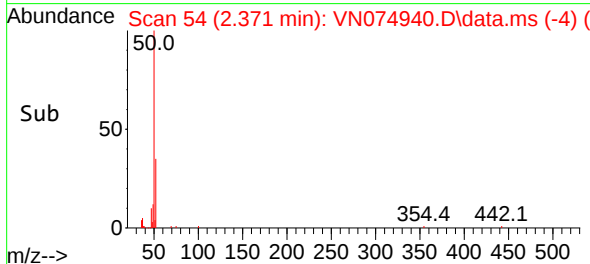
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 50 Resp: 47630
Ion Ratio Lower Upper
50 100
52 35.0 28.8 43.2

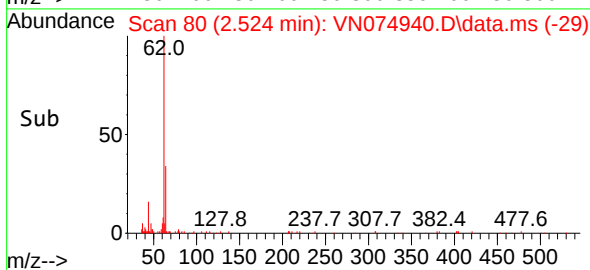
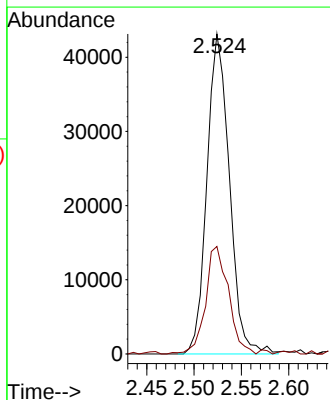
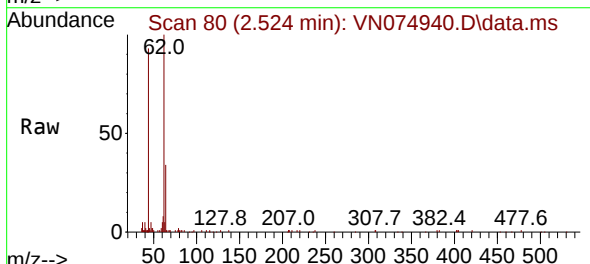
Manual Integrations
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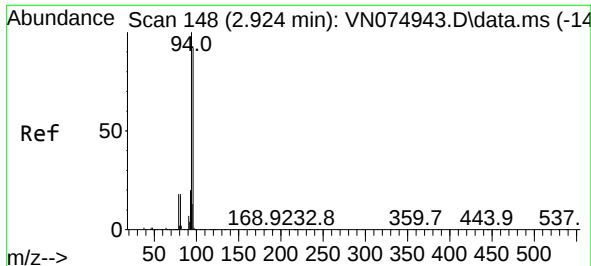
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#4
Vinyl Chloride
Concen: 4.983 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26

Tgt Ion: 62 Resp: 71321
Ion Ratio Lower Upper
62 100
64 33.2 24.5 36.7





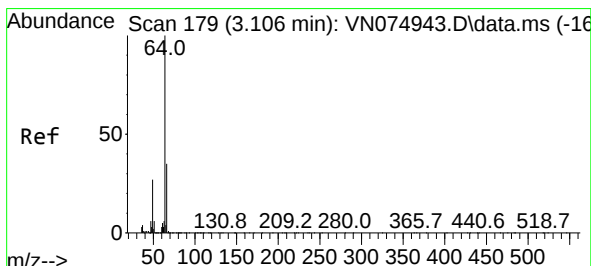
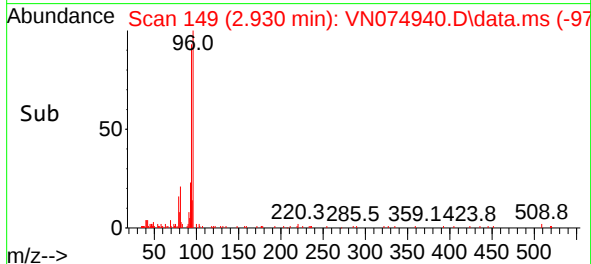
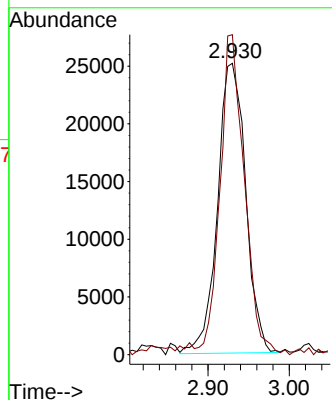
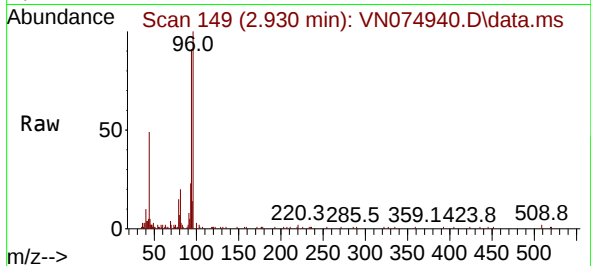
#5
Bromomethane
Concen: 4.355 ug/l
RT: 2.930 min Scan# 14
Delta R.T. 0.006 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26

Instrument :
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Tgt Ion: 94 Resp: 6050
Ion Ratio Lower Upper
94 100
96 110.0 73.5 110.3

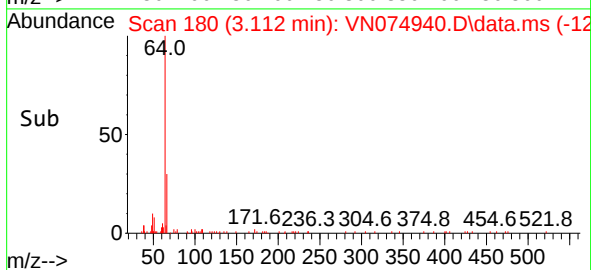
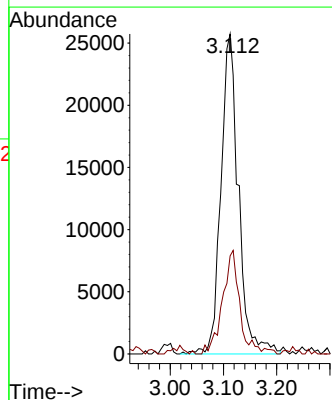
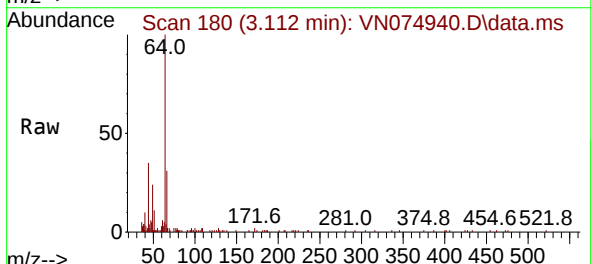
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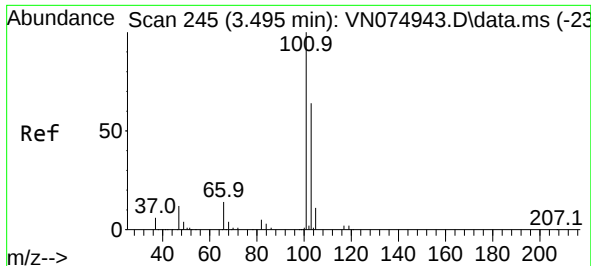
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#6
Chloroethane
Concen: 4.516 ug/l
RT: 3.112 min Scan# 180
Delta R.T. 0.006 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26

Tgt Ion: 64 Resp: 58848
Ion Ratio Lower Upper
64 100
66 30.6 27.9 41.9





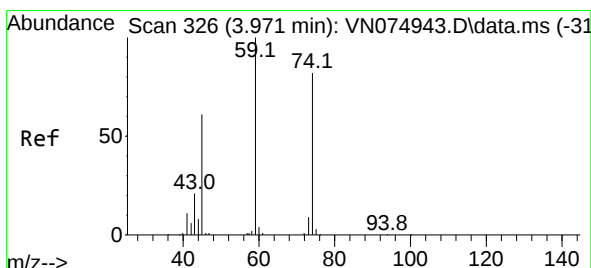
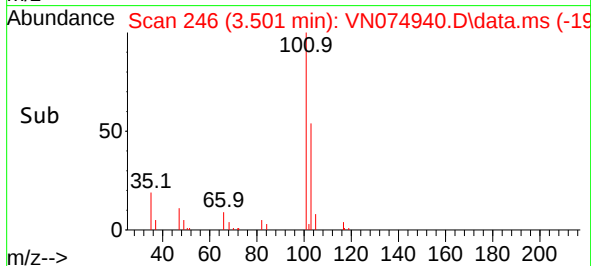
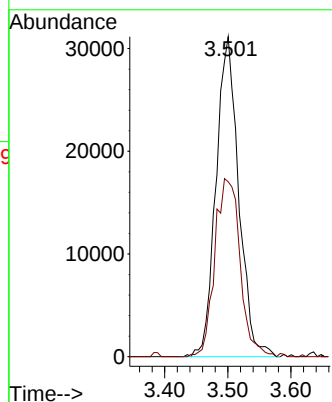
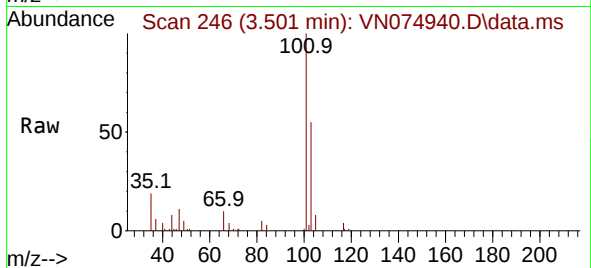
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Trichlorofluoromethane
Concen: 7.804 ug/l
RT: 3.501 min Scan# 245
Delta R.T. 0.006 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 7764
Ion Ratio Lower Upper
101 100
103 54.7 51.5 77.3

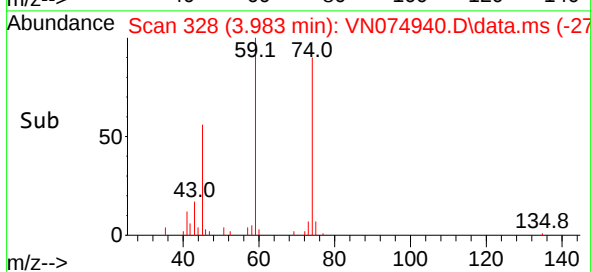
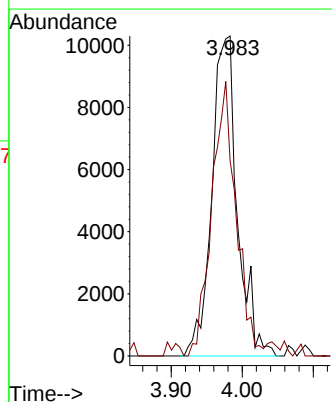
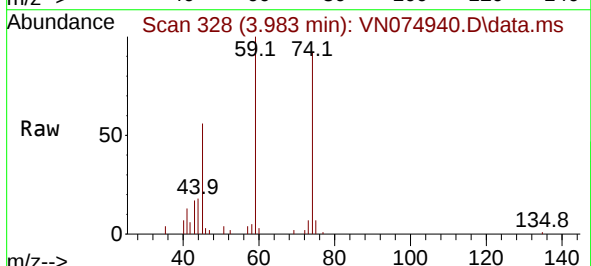
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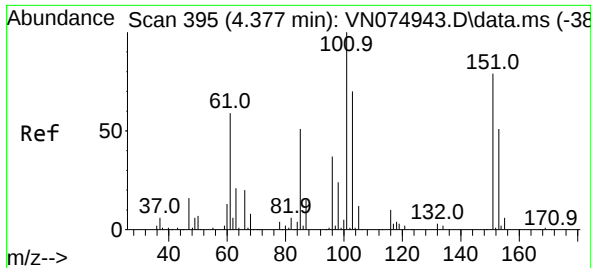
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#8
Diethyl Ether
Concen: 5.847 ug/l
RT: 3.983 min Scan# 328
Delta R.T. 0.012 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26

Tgt Ion: 74 Resp: 25794
Ion Ratio Lower Upper
74 100
45 81.5 40.1 120.3





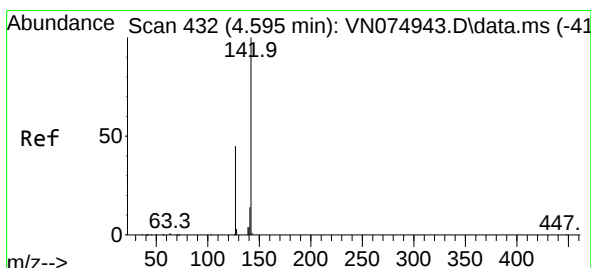
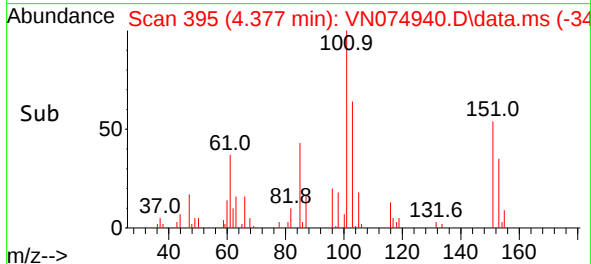
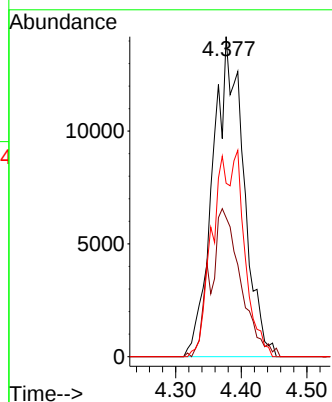
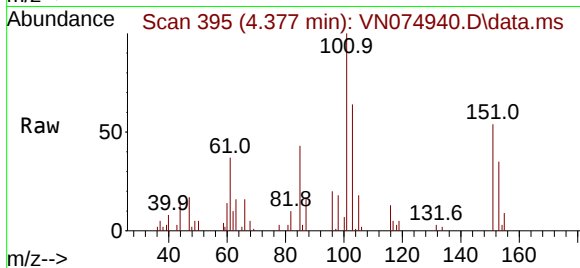
#9
1,1,2-Trichlorotrifluoroethane
Concen: 7.650 ug/l
RT: 4.377 min Scan# 395
Delta R.T. 0.000 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26

Instrument :
MSVOA_N
Client Sample Id :
VSTDIC005

Tgt Ion:101 Resp: 4630
Ion Ratio Lower Upper
101 100
85 45.3 37.8 56.8
151 38.2 58.5 87.7

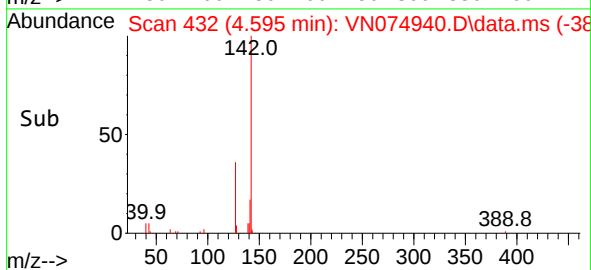
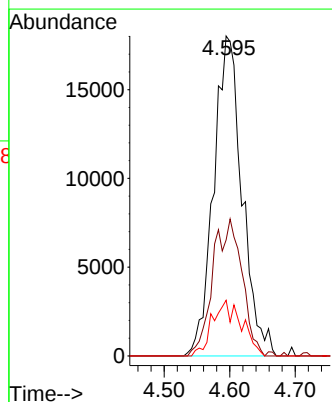
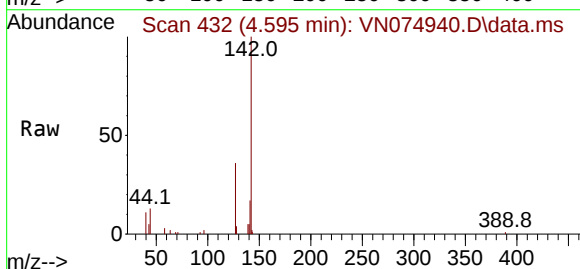
Manual Integrations
APPROVED

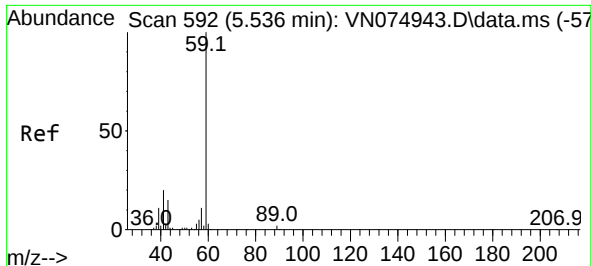
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#10
Methyl Iodide
Concen: 6.473 ug/l
RT: 4.595 min Scan# 432
Delta R.T. 0.000 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26

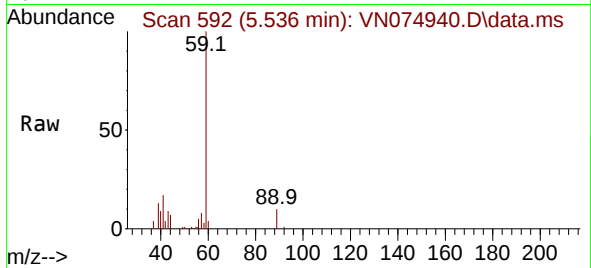
Tgt Ion:142 Resp: 54403
Ion Ratio Lower Upper
142 100
127 18.3 37.0 55.4#
141 17.9 11.4 17.0#





#11
Tert butyl alcohol
Concen: 32.814 ug/l
RT: 5.536 min Scan# 592
Delta R.T. 0.000 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26

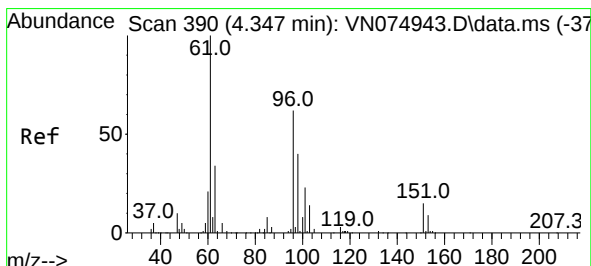
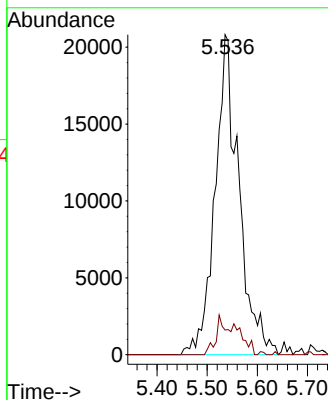
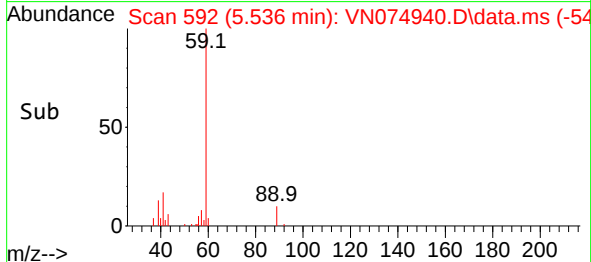
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



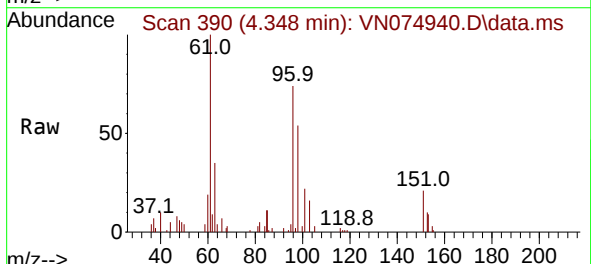
Tgt Ion: 59 Resp: 68479
Ion Ratio Lower Upper
59 100
57 6.0 8.2 12.4

Manual Integrations
APPROVED

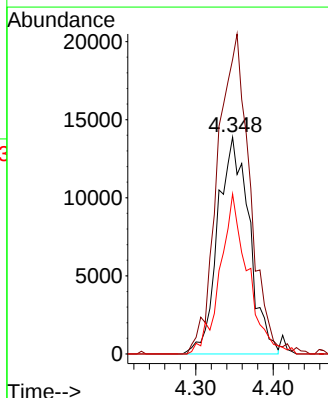
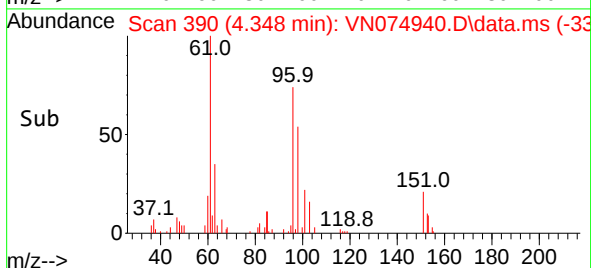
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

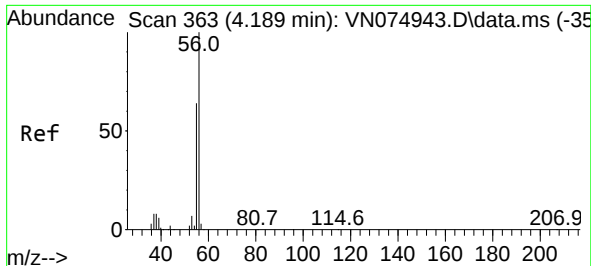


#12
1,1-Dichloroethene
Concen: 6.666 ug/l
RT: 4.348 min Scan# 390
Delta R.T. 0.000 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26



Tgt Ion: 96 Resp: 39159
Ion Ratio Lower Upper
96 100
61 135.8 128.9 193.3
98 73.8 51.8 77.8





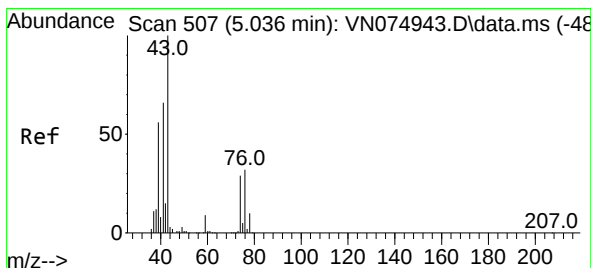
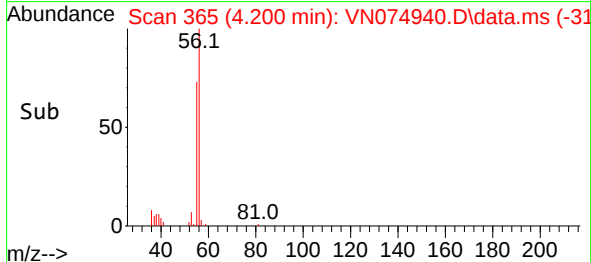
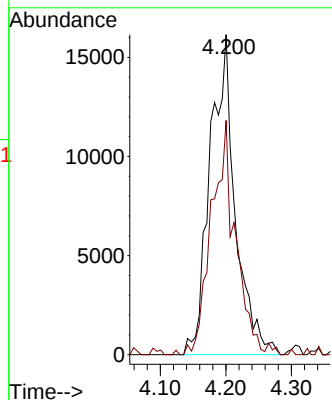
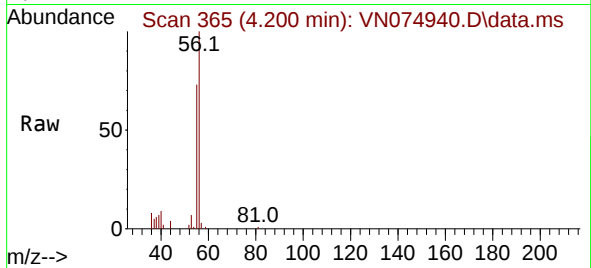
#13
Acrolein
Concen: 31.604 ug/l
RT: 4.200 min Scan# 363
Delta R.T. 0.012 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 56 Resp: 43292
Ion Ratio Lower Upper
56 100
55 69.0 53.7 80.5

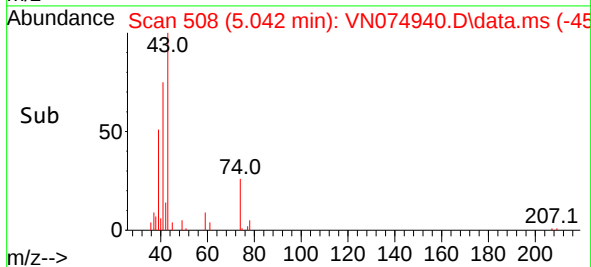
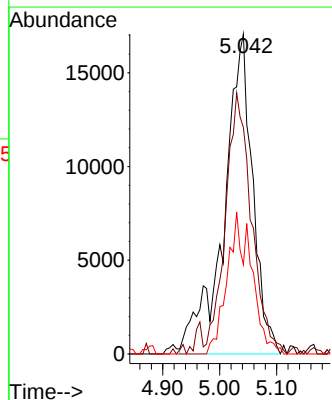
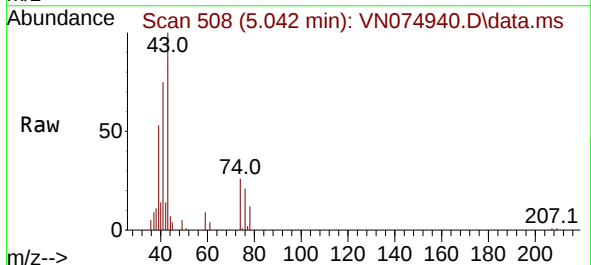
Manual Integrations
APPROVED

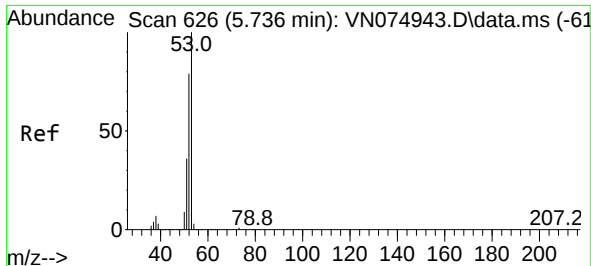
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#14
Allyl chloride
Concen: 5.572 ug/l m
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26

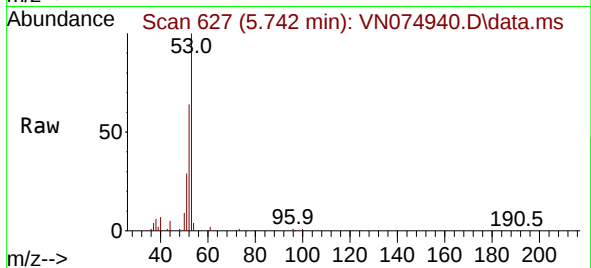
Tgt Ion: 41 Resp: 59853
Ion Ratio Lower Upper
41 100
39 73.9 60.0 90.0
76 23.6 33.7 50.5





#15
Acrylonitrile
Concen: 26.471 ug/l
RT: 5.742 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26

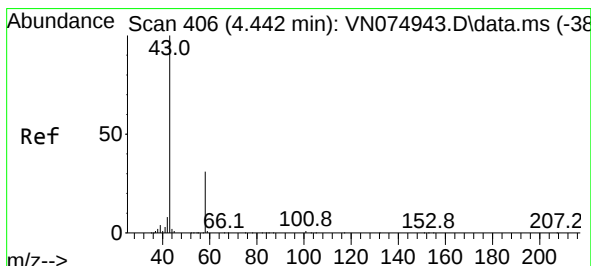
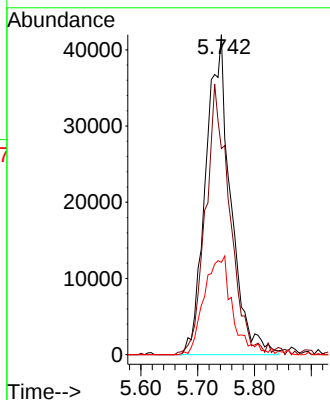
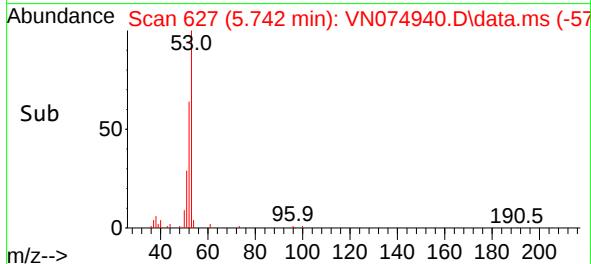
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 53 Resp: 128164
Ion Ratio Lower Upper
53 100
52 81.0 66.7 100.1
51 34.6 28.8 43.2

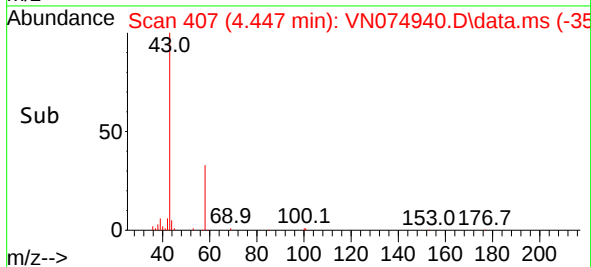
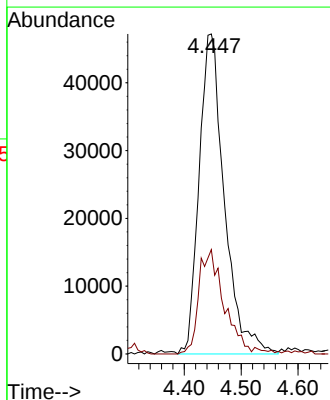
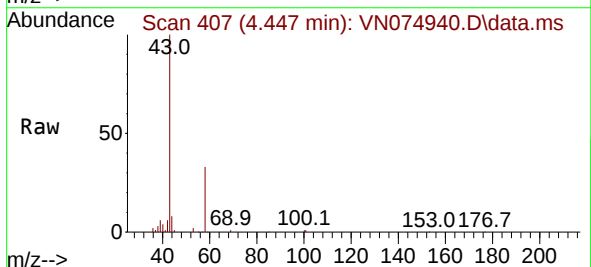
Manual Integrations
APPROVED

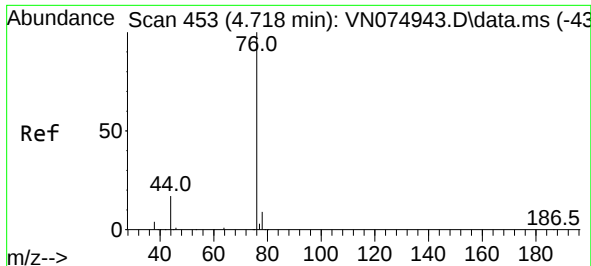
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#16
Acetone
Concen: 35.119 ug/l
RT: 4.447 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26

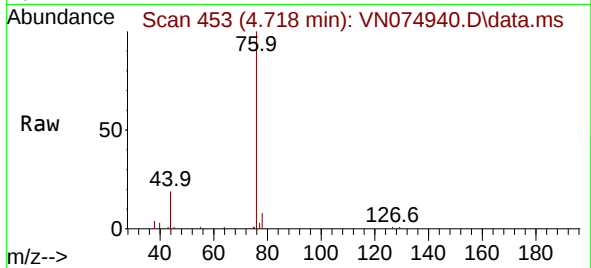
Tgt Ion: 43 Resp: 145719
Ion Ratio Lower Upper
43 100
58 32.6 25.7 38.5





#17
Carbon Disulfide
Concen: 6.762 ug/l
RT: 4.718 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26

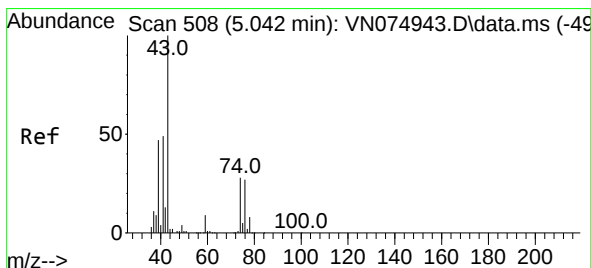
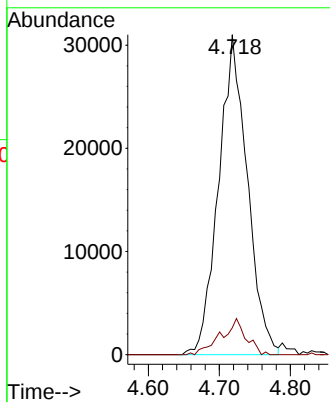
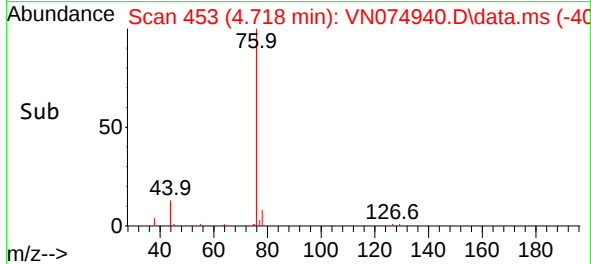
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC005



Tgt Ion: 76 Resp: 87035
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.2

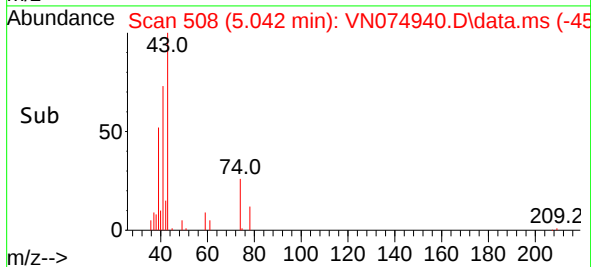
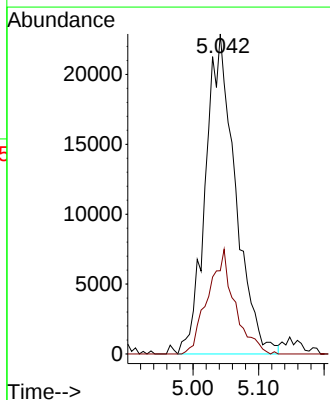
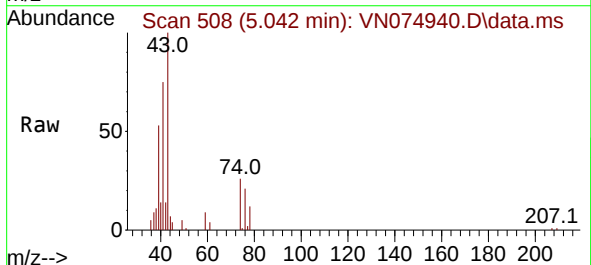
Manual Integrations
APPROVED

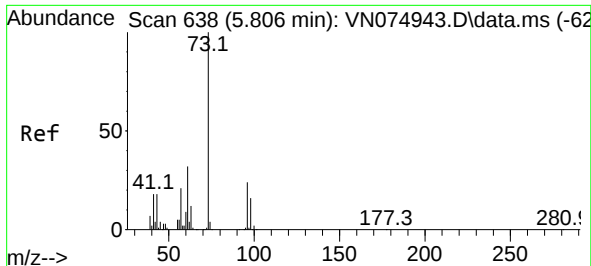
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#18
Methyl Acetate
Concen: 4.923 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.000 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26

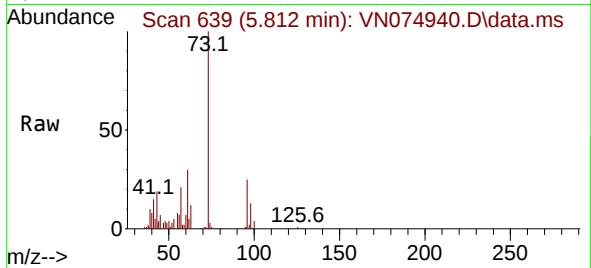
Tgt Ion: 43 Resp: 72407
Ion Ratio Lower Upper
43 100
74 29.3 23.1 34.7





#19
Methyl tert-butyl Ether
Concen: 6.537 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26

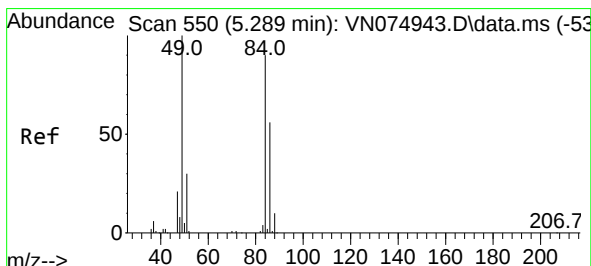
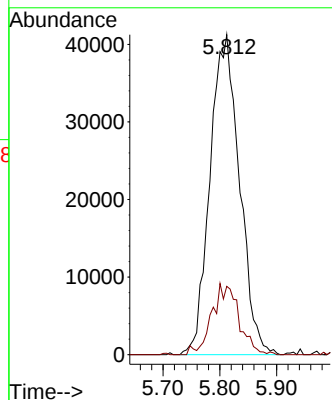
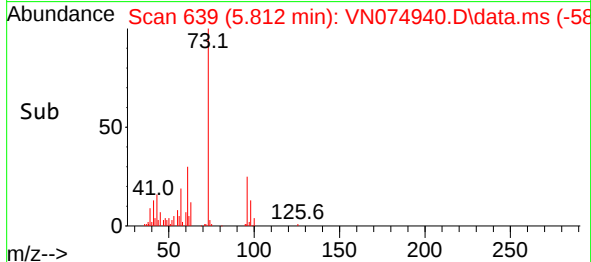
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 73 Resp: 14872
Ion Ratio Lower Upper
73 100
57 21.4 16.9 25.3

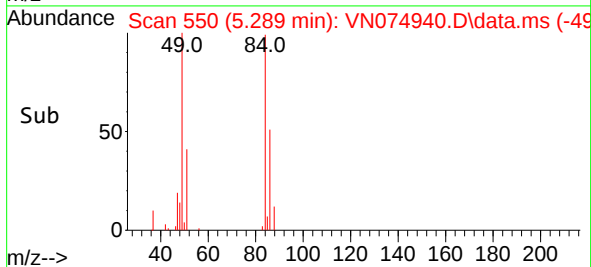
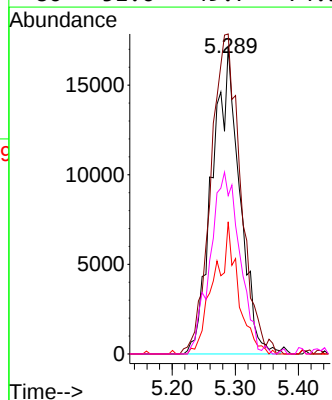
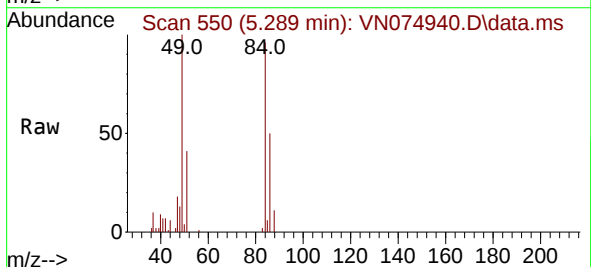
Manual Integrations
APPROVED

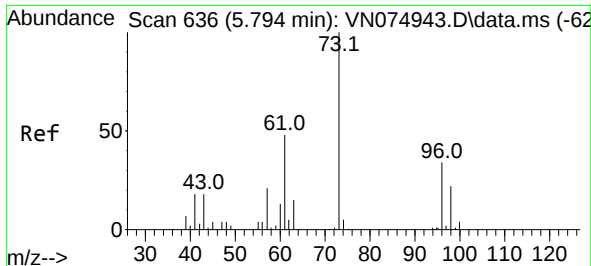
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#20
Methylene Chloride
Concen: 6.146 ug/l
RT: 5.289 min Scan# 550
Delta R.T. 0.000 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26

Tgt Ion: 84 Resp: 51559
Ion Ratio Lower Upper
84 100
49 104.2 88.6 133.0
51 43.0 26.7 40.1#
86 51.6 49.7 74.5





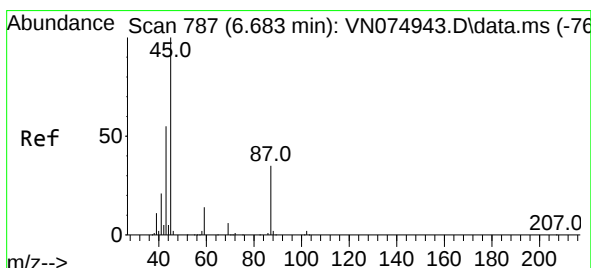
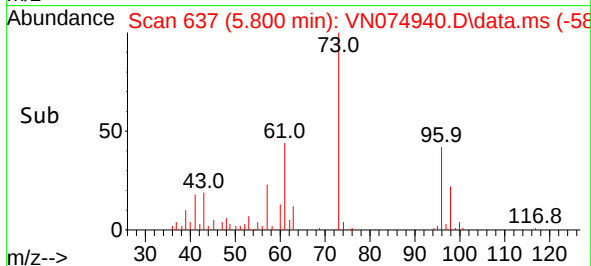
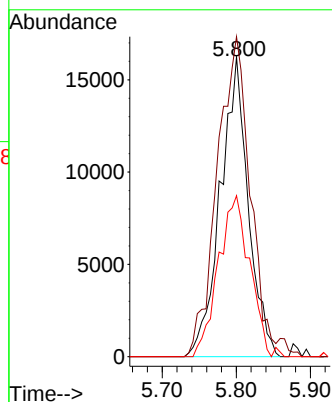
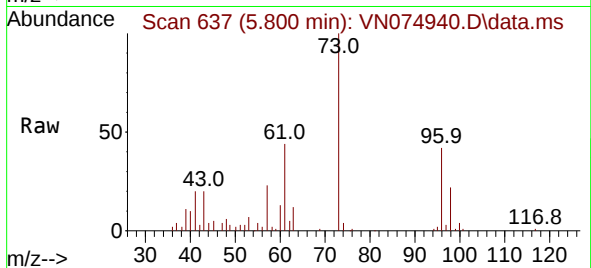
#21
trans-1,2-Dichloroethene
Concen: 6.604 ug/l
RT: 5.800 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 96 Resp: 42400
Ion Ratio Lower Upper
96 100
61 106.6 112.6 169.0
98 53.7 52.4 78.6

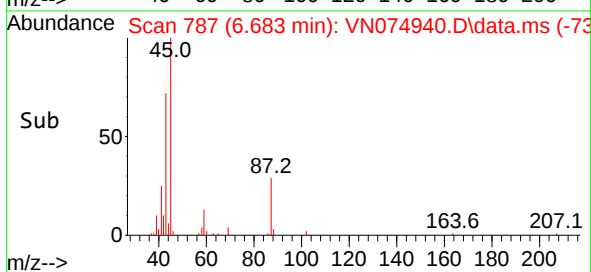
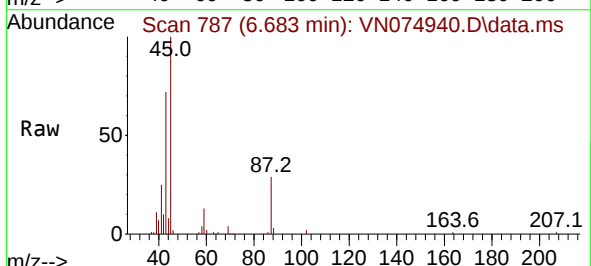
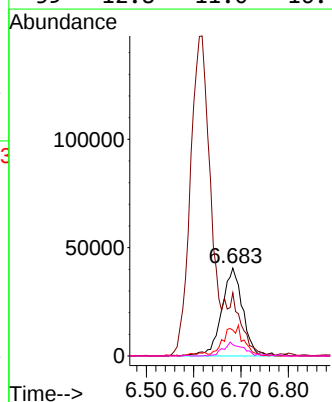
Manual Integrations
APPROVED

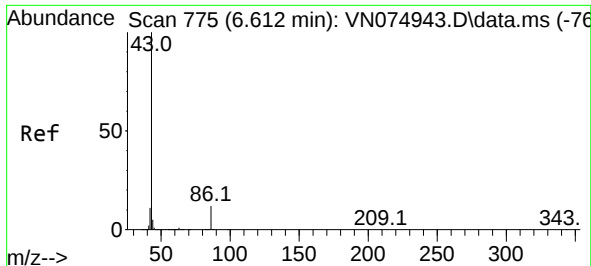
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#22
Diisopropyl ether
Concen: 5.460 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26

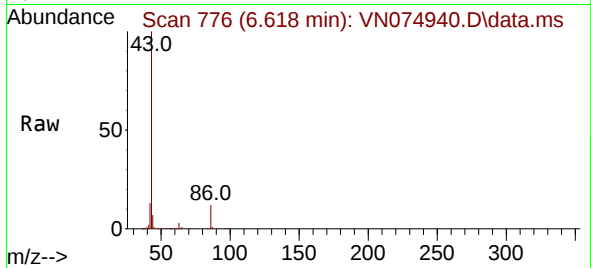
Tgt Ion: 45 Resp: 125288
Ion Ratio Lower Upper
45 100
43 69.7 44.9 67.3
87 29.4 28.0 42.0
59 12.8 11.0 16.4





#23
 Vinyl Acetate
 Concen: 27.003 ug/l m
 RT: 6.618 min Scan# 776
 Delta R.T. 0.006 min
 Lab File: VN074940.D
 Acq: 20 Oct 2022 14:26

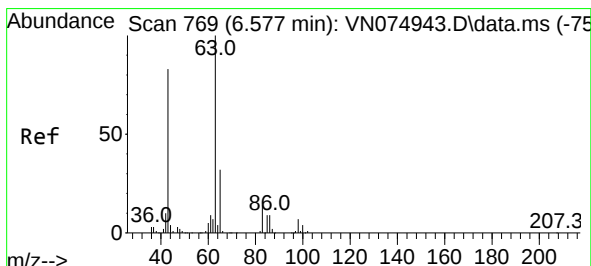
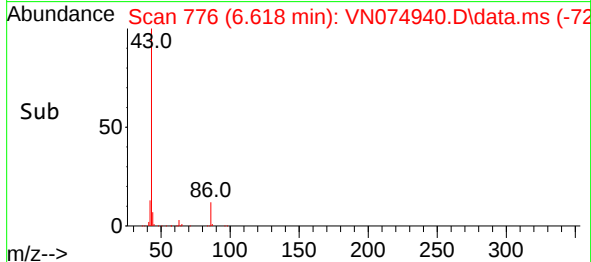
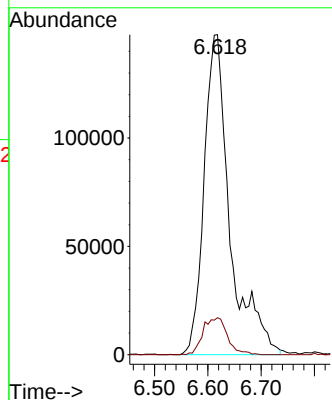
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion: 43 Resp: 497689
 Ion Ratio Lower Upper
 43 100
 86 11.6 9.4 14.0

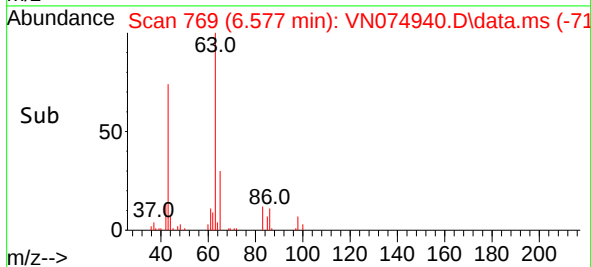
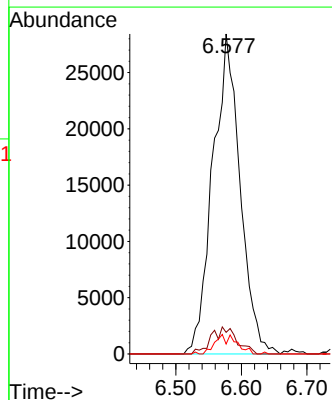
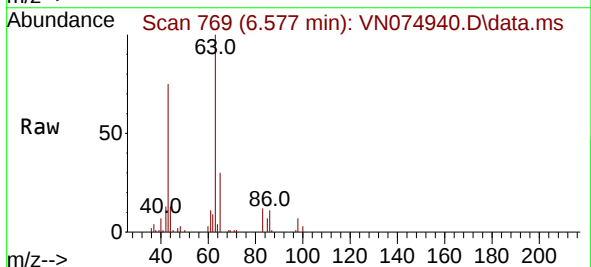
Manual Integrations
 APPROVED

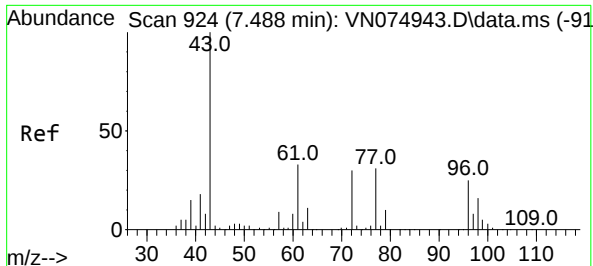
Reviewed By :John Carlone 10/21/2022
 Supervised By :Mahesh Dadoda 10/21/2022



#24
 1,1-Dichloroethane
 Concen: 6.128 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VN074940.D
 Acq: 20 Oct 2022 14:26

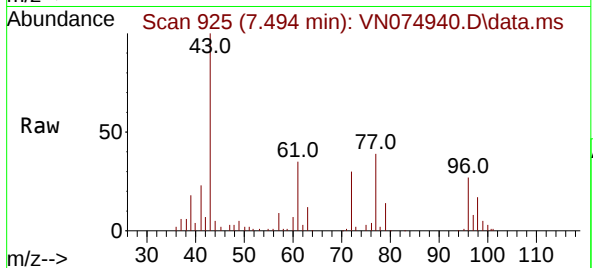
Tgt Ion: 63 Resp: 82259
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.7 11.1
 100 3.1 2.0 6.0





#25
2-Butanone
Concen: 26.963 ug/l
RT: 7.494 min Scan# 925
Delta R.T. 0.006 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26

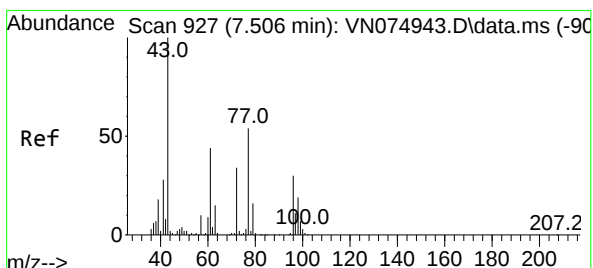
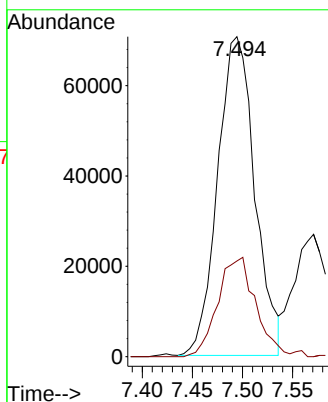
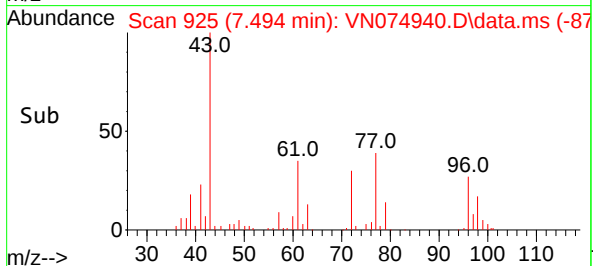
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 18199
Ion Ratio Lower Upper
43 100
72 30.0 23.9 35.9

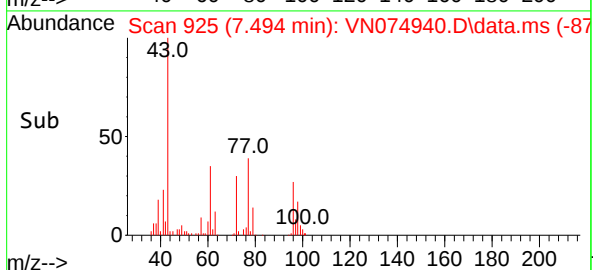
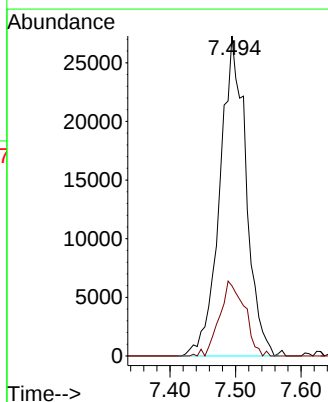
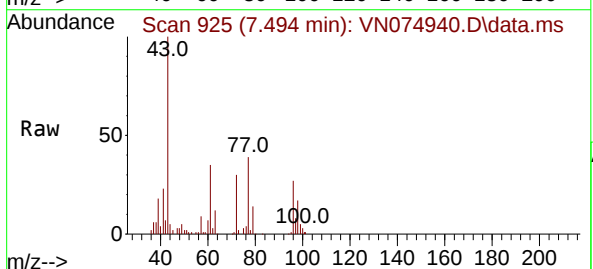
Manual Integrations
APPROVED

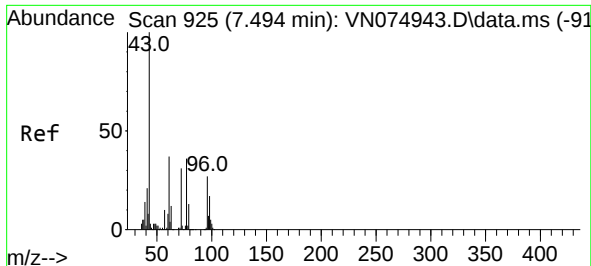
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#26
2,2-Dichloropropane
Concen: 7.112 ug/l
RT: 7.494 min Scan# 925
Delta R.T. -0.012 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26

Tgt Ion: 77 Resp: 75829
Ion Ratio Lower Upper
77 100
97 22.4 11.3 33.8





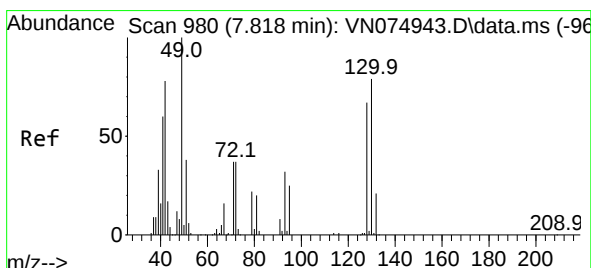
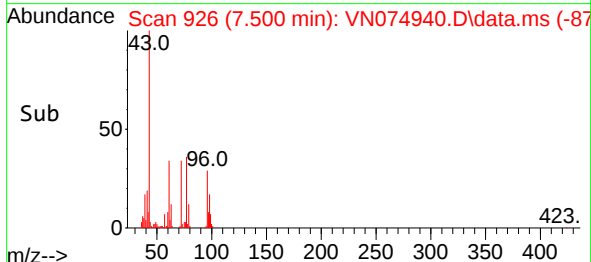
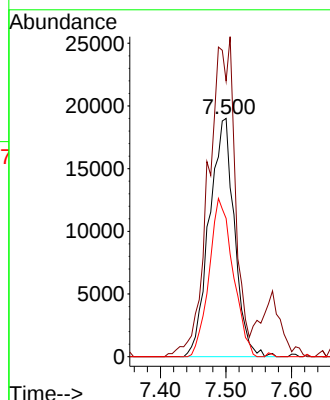
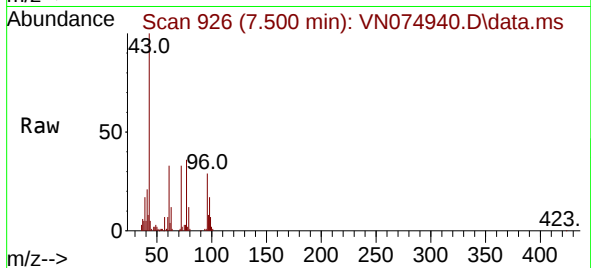
#27
cis-1,2-Dichloroethene
Concen: 6.179 ug/l
RT: 7.500 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 96 Resp: 5044
Ion Ratio Lower Upper
96 100
61 141.5 0.0 277.8
98 63.5 0.0 127.2

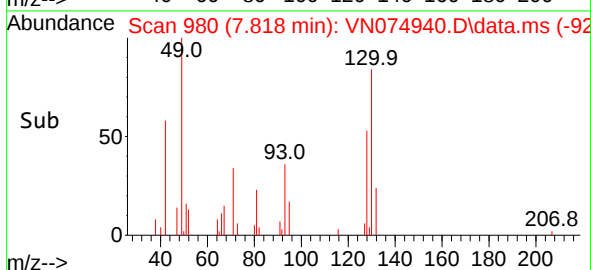
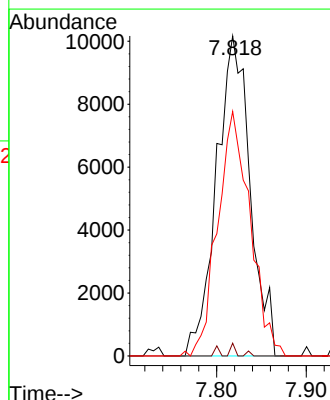
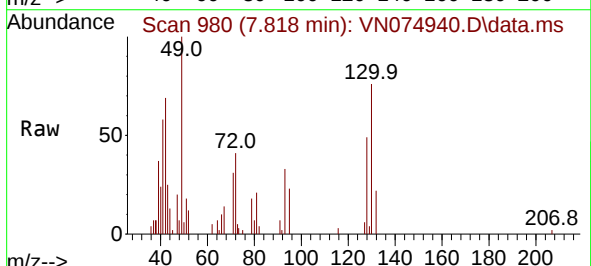
Manual Integrations
APPROVED

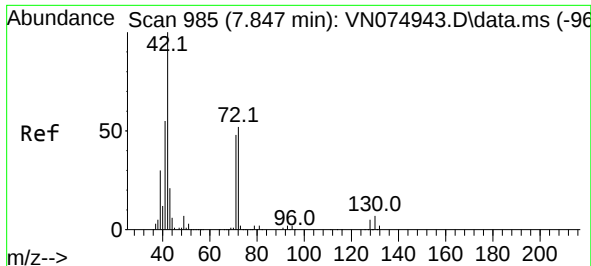
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#28
Bromochloromethane
Concen: 4.401 ug/l
RT: 7.818 min Scan# 980
Delta R.T. 0.000 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26

Tgt Ion: 49 Resp: 26505
Ion Ratio Lower Upper
49 100
129 0.5 0.0 4.2
130 73.8 64.4 96.6





#29

Tetrahydrofuran

Concen: 24.293 ug/l

RT: 7.847 min Scan# 985

Delta R.T. 0.000 min

Lab File: VN074940.D

Acq: 20 Oct 2022 14:26

Instrument :

MSVOA_N

ClientSampleId :

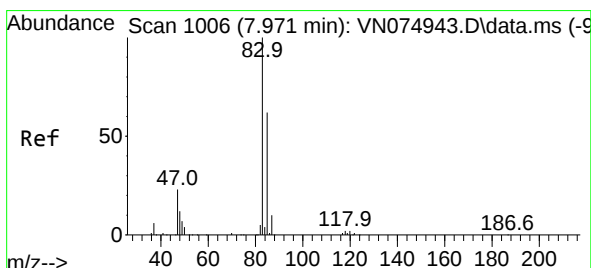
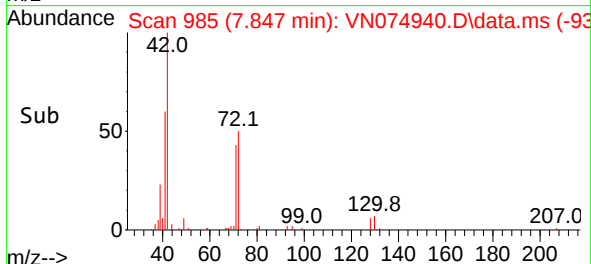
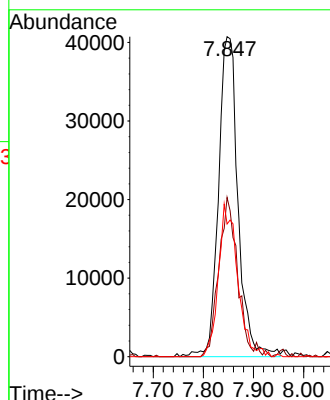
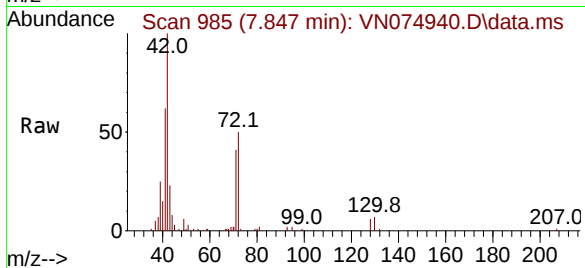
VSTDICC005

Tgt Ion:	42	Resp:	11017
Ion Ratio	Lower	Upper	
42	100		
72	47.3	42.2	63.4
71	46.8	39.4	59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#30

Chloroform

Concen: 6.346 ug/l

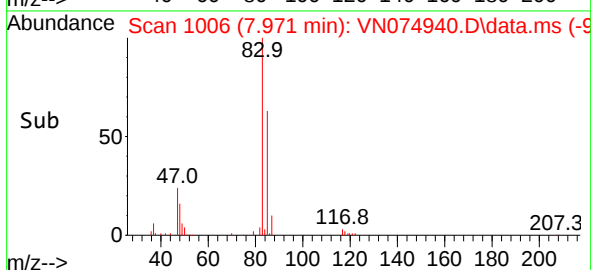
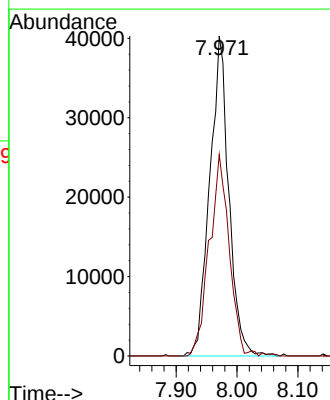
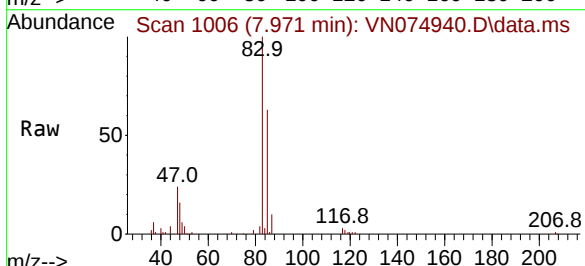
RT: 7.971 min Scan# 1006

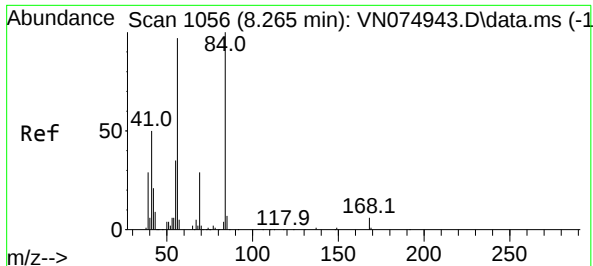
Delta R.T. 0.000 min

Lab File: VN074940.D

Acq: 20 Oct 2022 14:26

Tgt Ion:	83	Resp:	87793
Ion Ratio	Lower	Upper	
83	100		
85	62.9	49.9	74.9





#31

Cyclohexane

Concen: 6.725 ug/l

RT: 8.259 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN074940.D

Acq: 20 Oct 2022 14:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 56 Resp: 73900

Ion Ratio Lower Upper

56 100

69 38.5 24.2 36.2

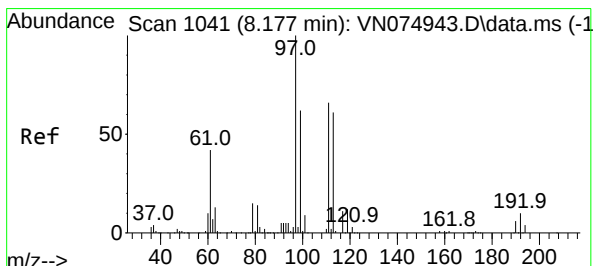
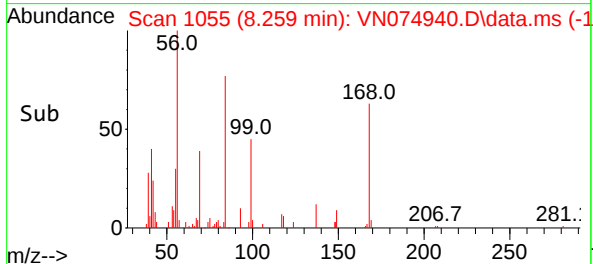
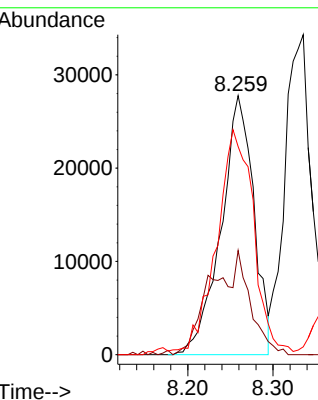
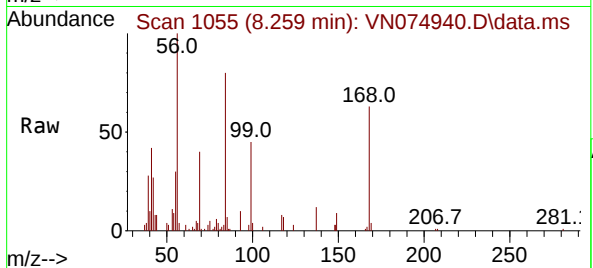
84 78.9 82.8 124.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#32

1,1,1-Trichloroethane

Concen: 6.816 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VN074940.D

Acq: 20 Oct 2022 14:26

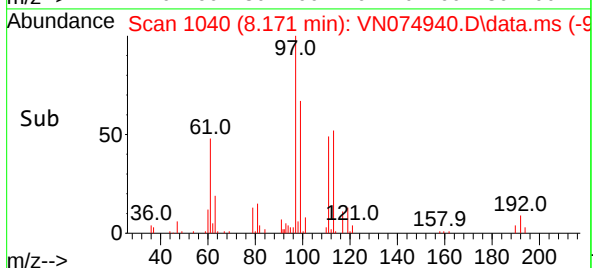
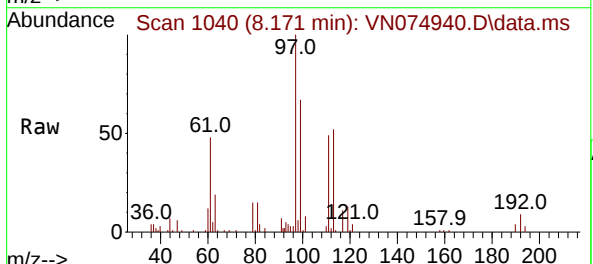
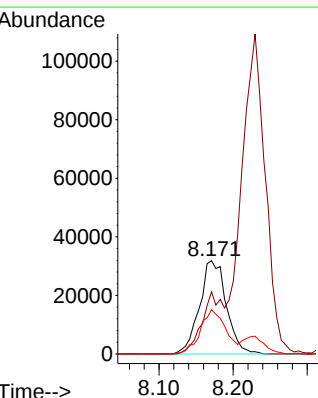
Tgt Ion: 97 Resp: 79911

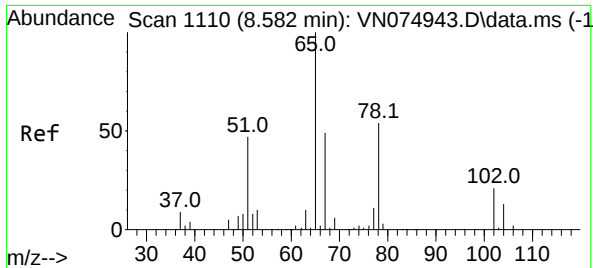
Ion Ratio Lower Upper

97 100

99 51.7 53.0 79.4

61 45.1 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 5.634 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN074940.D

Acq: 20 Oct 2022 14:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 5035

Ion Ratio Lower Upper

65 100

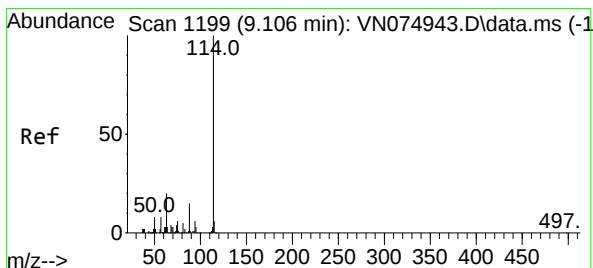
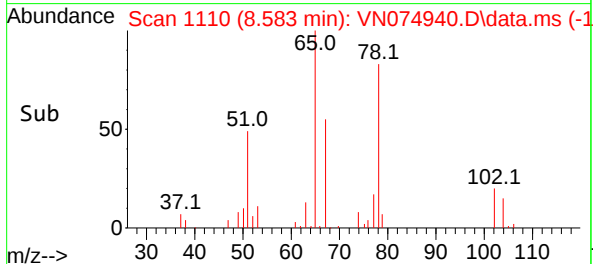
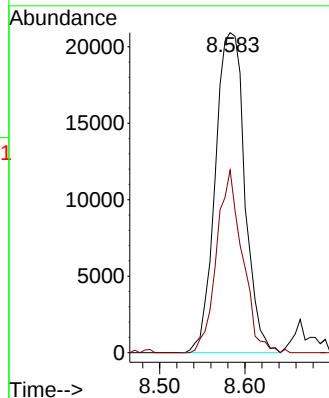
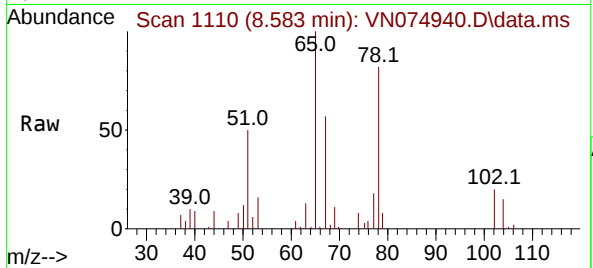
67 50.1 0.0 102.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN074940.D

Acq: 20 Oct 2022 14:26

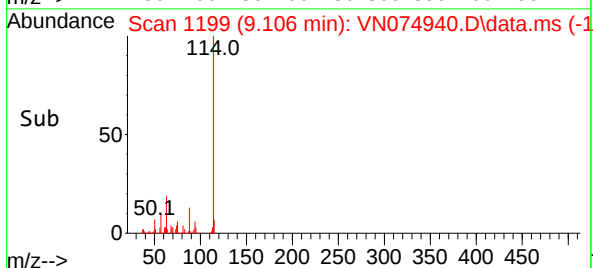
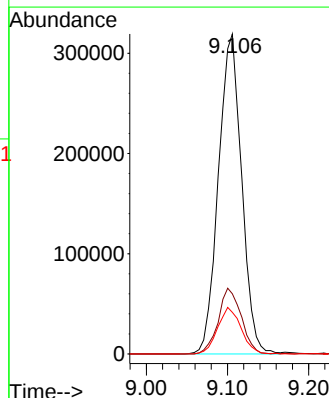
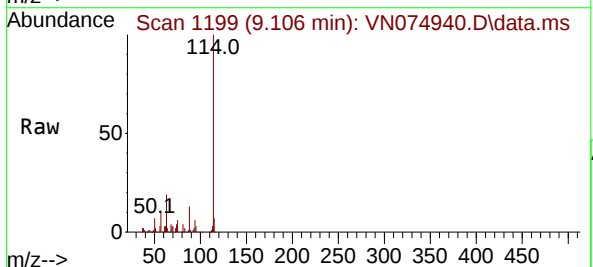
Tgt Ion:114 Resp: 634468

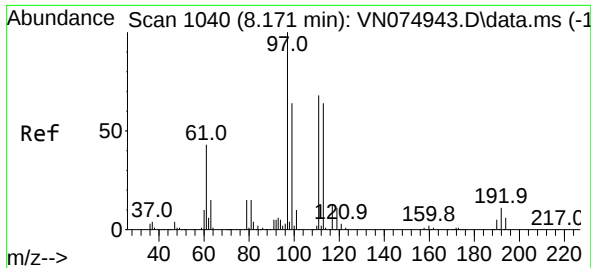
Ion Ratio Lower Upper

114 100

63 18.8 0.0 39.8

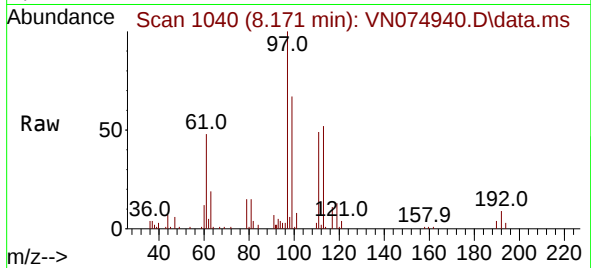
88 13.0 0.0 30.4





#35
Dibromofluoromethane
Concen: 5.634 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26

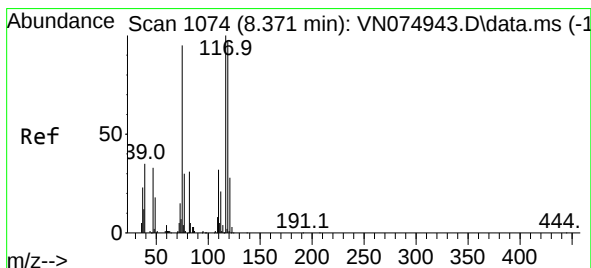
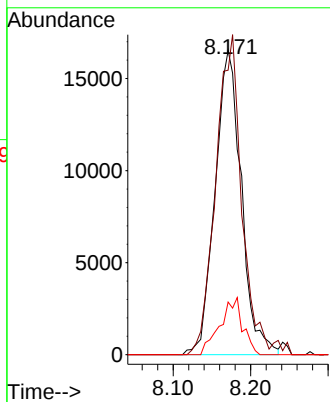
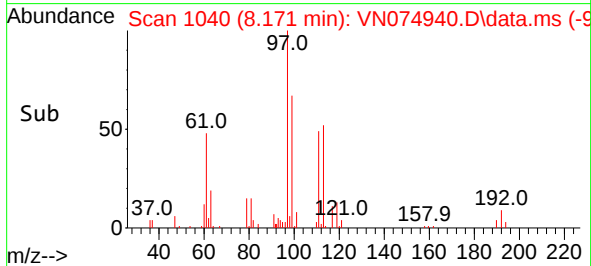
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



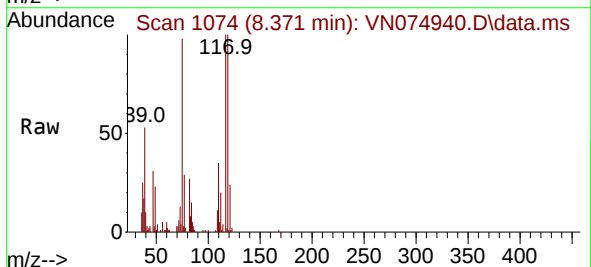
Tgt Ion: 113 Resp: 3906
Ion Ratio Lower Upper
113 100
111 103.1 83.4 125.2
192 16.1 13.3 19.9

Manual Integrations
APPROVED

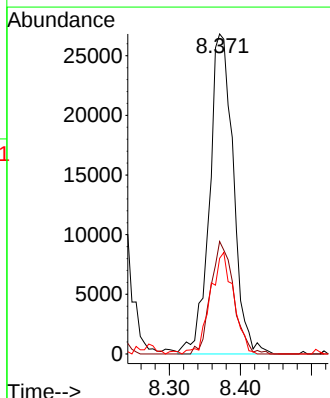
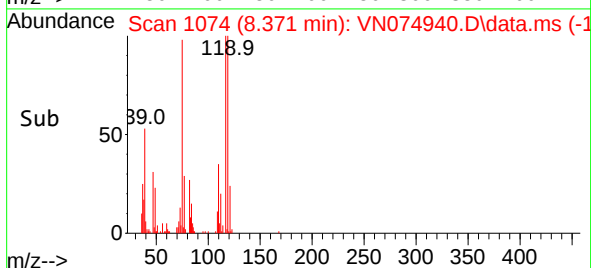
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

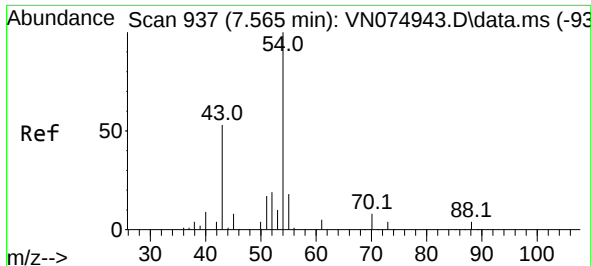


#36
1,1-Dichloropropene
Concen: 6.590 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26



Tgt Ion: 75 Resp: 62369
Ion Ratio Lower Upper
75 100
110 34.0 18.1 54.4
77 31.0 25.0 37.4





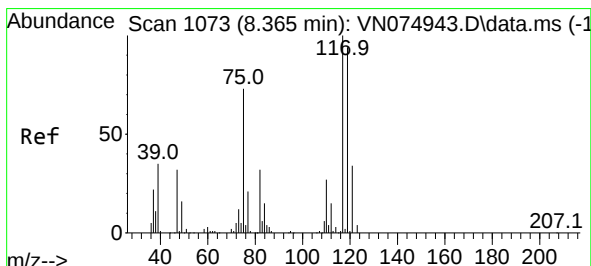
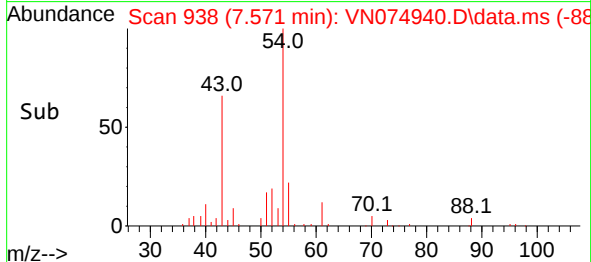
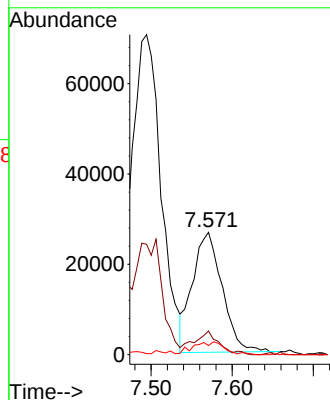
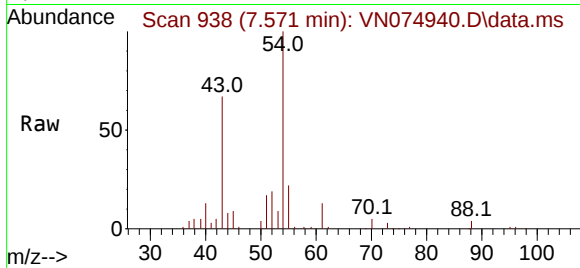
#37
Ethyl Acetate
Concen: 5.323 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 6761
Ion Ratio Lower Upper
43 100
61 16.8 12.1 18.1
70 5.4 9.2 13.8

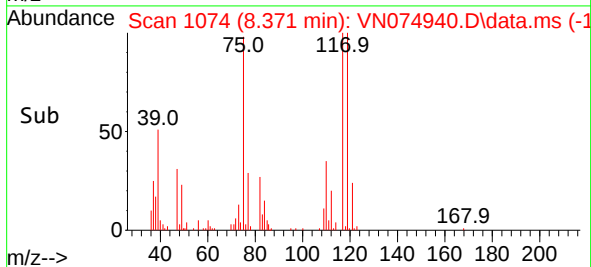
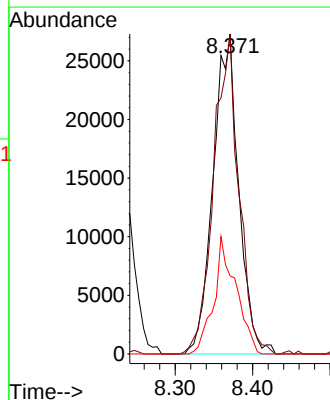
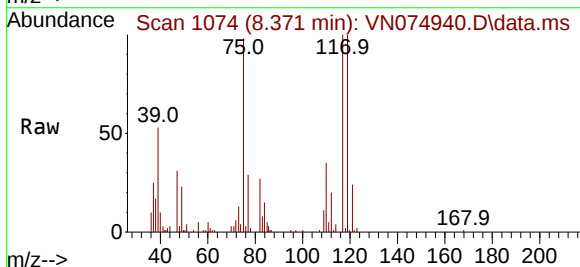
Manual Integrations
APPROVED

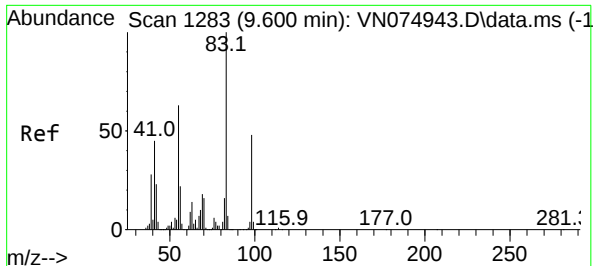
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#38
Carbon Tetrachloride
Concen: 6.666 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26

Tgt Ion:117 Resp: 62767
Ion Ratio Lower Upper
117 100
119 100.1 75.2 112.8
121 24.4 27.0 40.6





#39

Methylcyclohexane

Concen: 6.561 ug/l

RT: 9.600 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VN074940.D

Acq: 20 Oct 2022 14:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

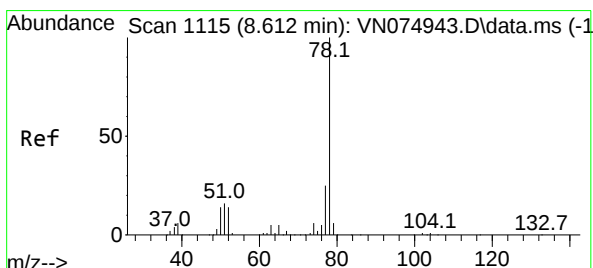
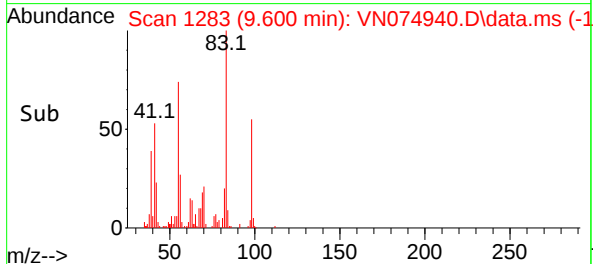
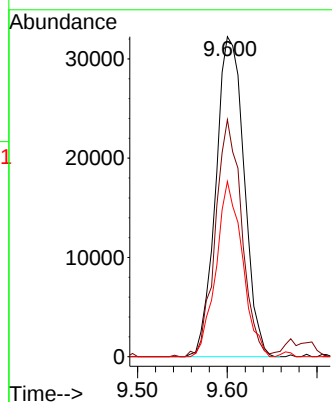
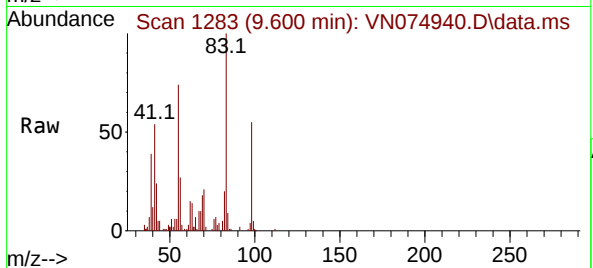
Tgt Ion:	83	Resp:	7064
Ion Ratio	Lower	Upper	
83	100		
55	74.0	50.8	76.2
98	54.8	38.8	58.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#40

Benzene

Concen: 6.171 ug/l

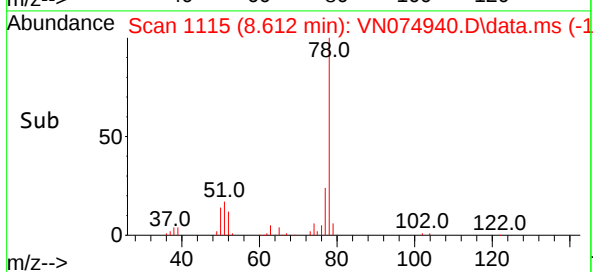
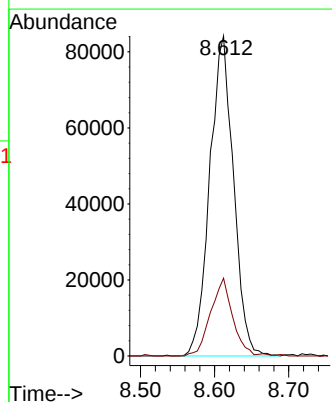
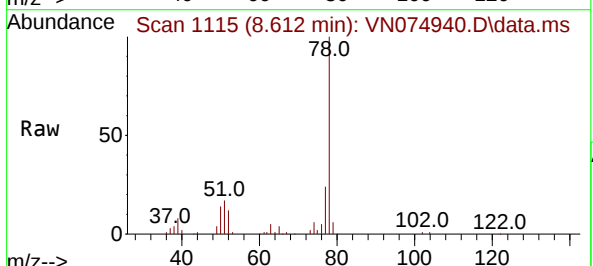
RT: 8.612 min Scan# 1115

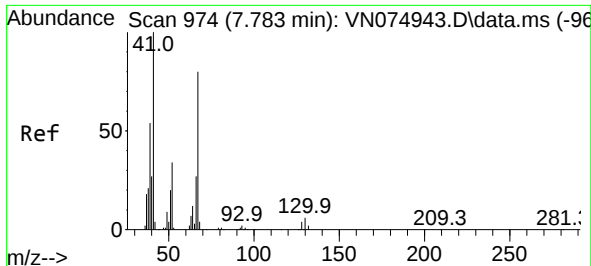
Delta R.T. 0.000 min

Lab File: VN074940.D

Acq: 20 Oct 2022 14:26

Tgt Ion:	78	Resp:	187237
Ion Ratio	Lower	Upper	
78	100		
77	24.3	19.6	29.4





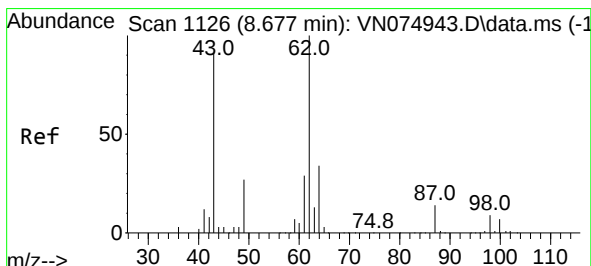
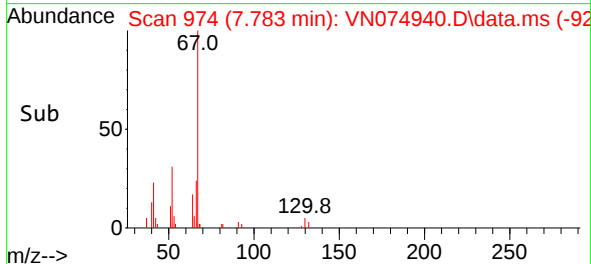
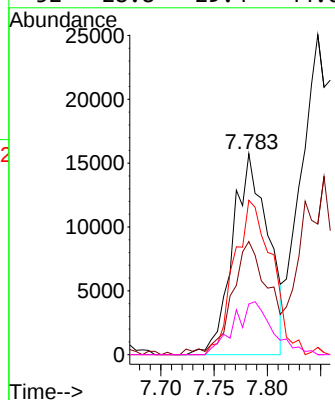
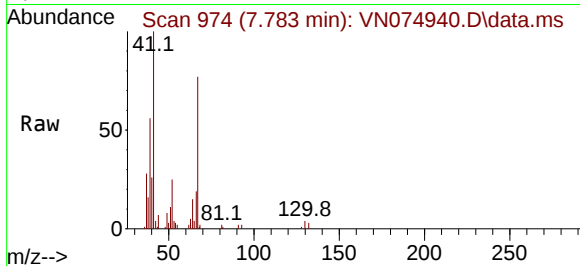
#41
Methacrylonitrile
Concen: 5.460 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 41 Resp: 3645
Ion Ratio Lower Upper
41 100
39 57.4 47.9 71.9
67 81.8 70.8 106.2
52 28.8 29.4 44.0#

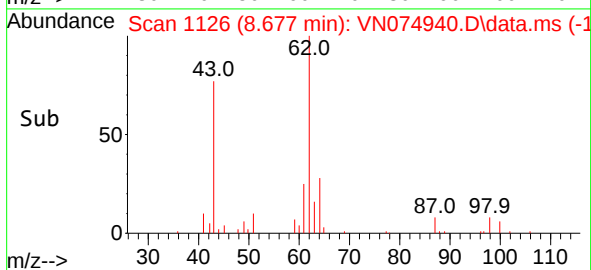
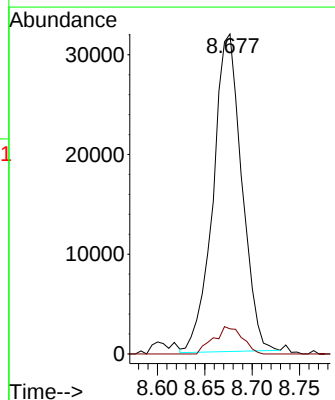
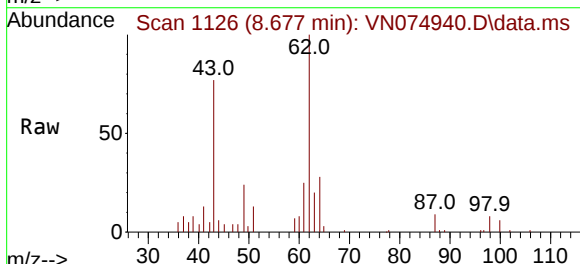
Manual Integrations
APPROVED

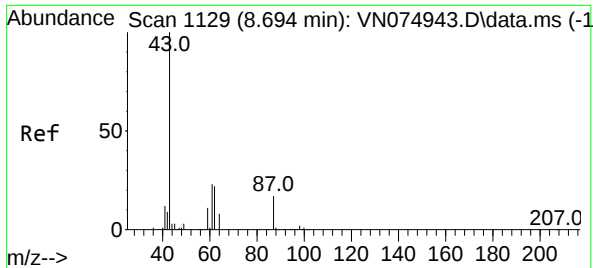
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#42
1,2-Dichloroethane
Concen: 6.625 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26

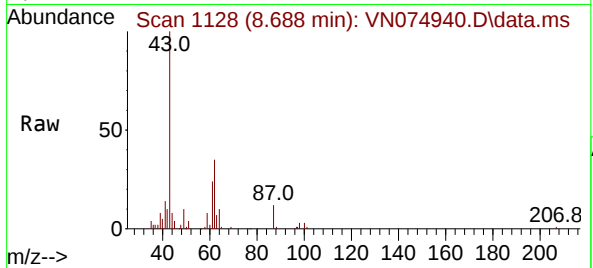
Tgt Ion: 62 Resp: 67294
Ion Ratio Lower Upper
62 100
98 8.6 0.0 17.8





#43
Isopropyl Acetate
Concen: 5.373 ug/l
RT: 8.688 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26

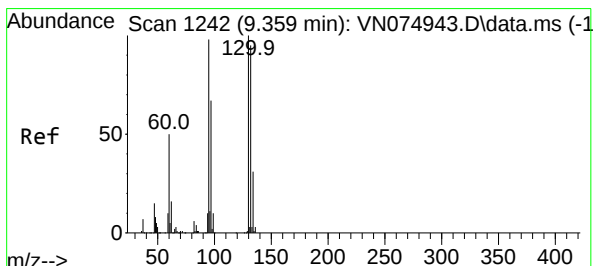
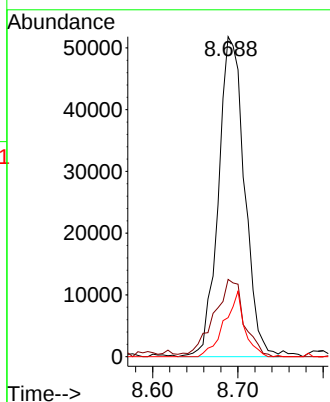
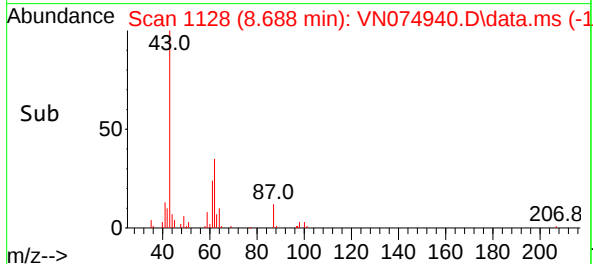
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 11038
Ion Ratio Lower Upper
43 100
61 28.0 22.3 33.5
87 15.6 12.8 19.2

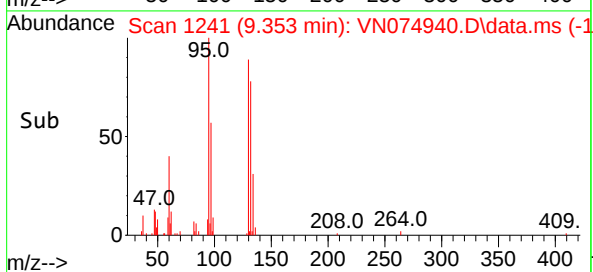
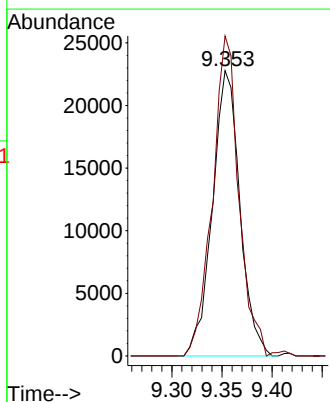
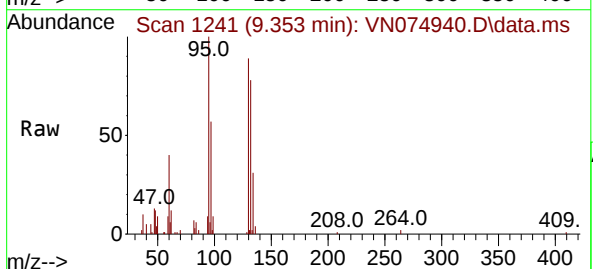
Manual Integrations
APPROVED

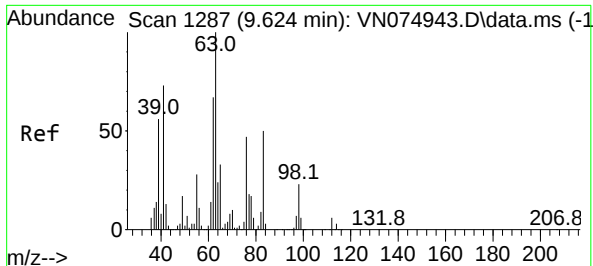
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#44
Trichloroethene
Concen: 6.322 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.006 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26

Tgt Ion:130 Resp: 43324
Ion Ratio Lower Upper
130 100
95 112.2 0.0 195.8





#45

1,2-Dichloropropane

Concen: 5.301 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. 0.000 min

Lab File: VN074940.D

Acq: 20 Oct 2022 14:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 4353

Ion Ratio Lower Upper

63 100

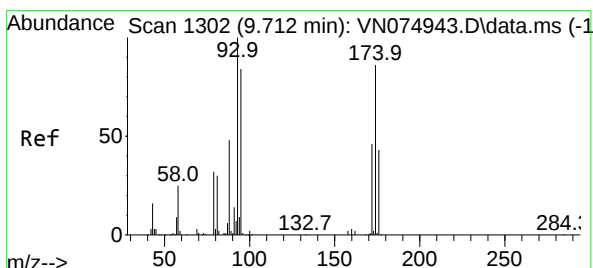
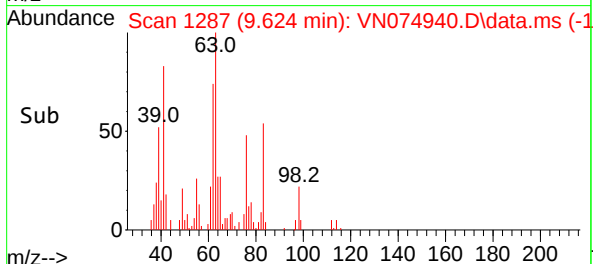
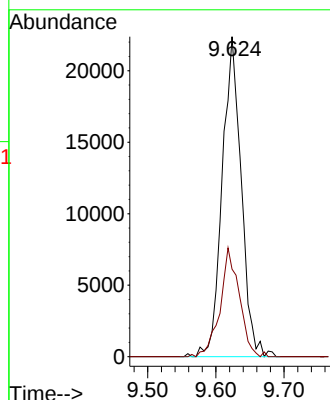
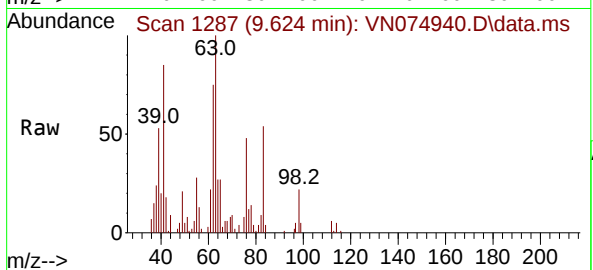
65 27.3 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#46

Dibromomethane

Concen: 6.598 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN074940.D

Acq: 20 Oct 2022 14:26

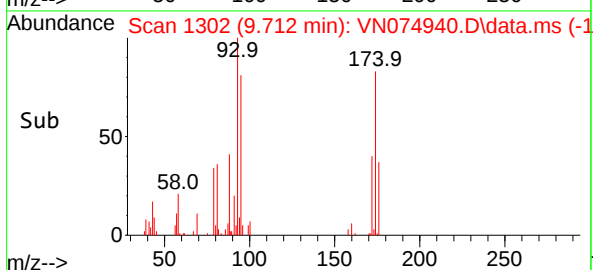
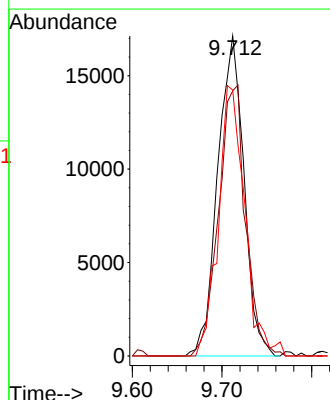
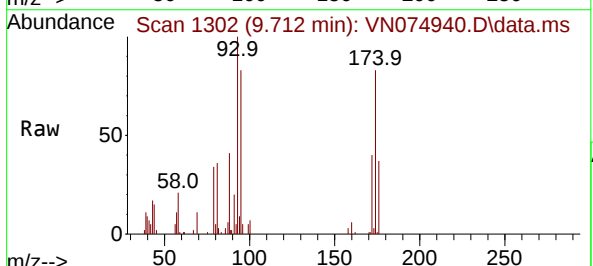
Tgt Ion: 93 Resp: 34788

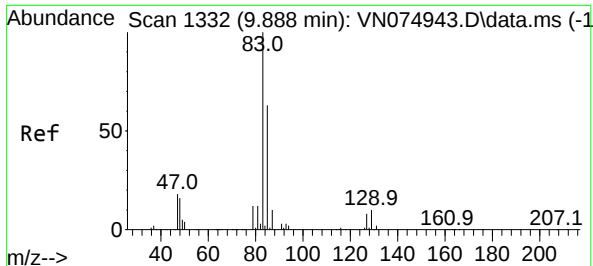
Ion Ratio Lower Upper

93 100

95 87.0 66.0 99.0

174 85.2 68.8 103.2





#47

Bromodichloromethane

Concen: 6.692 ug/l

RT: 9.894 min Scan# 1333

Delta R.T. 0.006 min

Lab File: VN074940.D

Acq: 20 Oct 2022 14:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 83 Resp: 70790

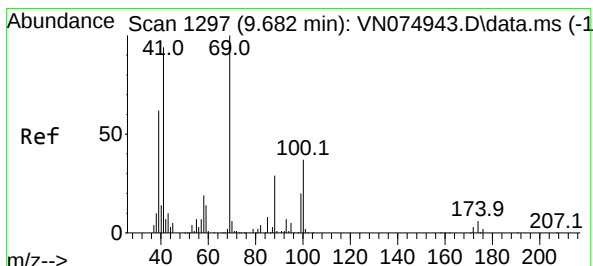
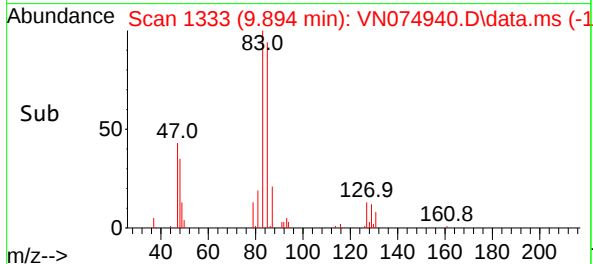
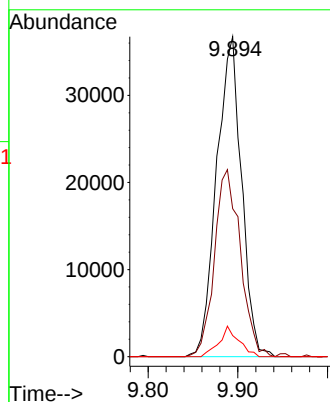
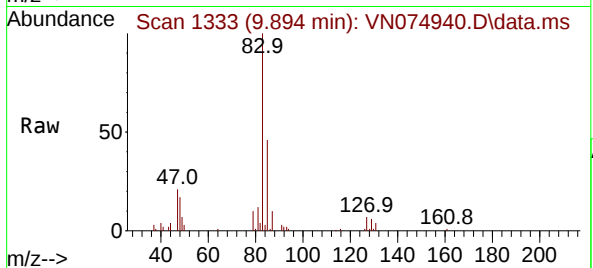
Ion	Ratio	Lower	Upper
83	100		
85	46.3	50.1	75.1
127	6.6	6.5	9.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#48

Methyl methacrylate

Concen: 4.906 ug/l

RT: 9.682 min Scan# 1297

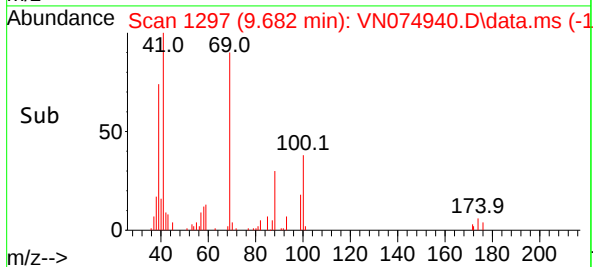
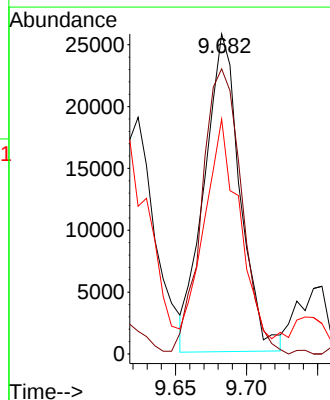
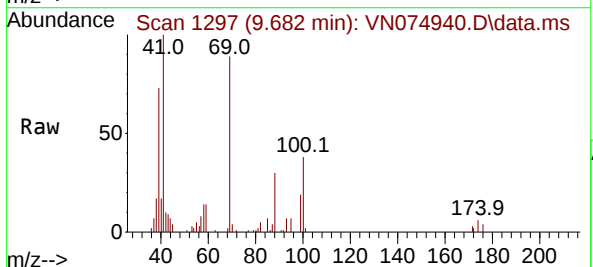
Delta R.T. 0.000 min

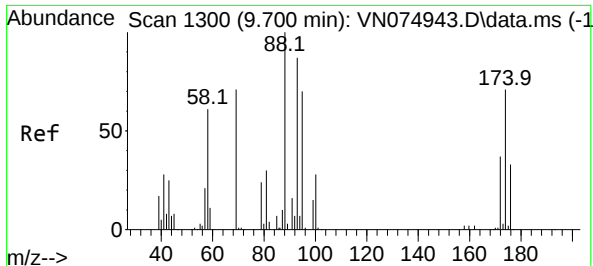
Lab File: VN074940.D

Acq: 20 Oct 2022 14:26

Tgt Ion: 41 Resp: 45094

Ion	Ratio	Lower	Upper
41	100		
69	99.9	79.7	119.5
39	74.1	55.1	82.7





#49

1,4-Dioxane

Concen: 127.314 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN074940.D

Acq: 20 Oct 2022 14:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

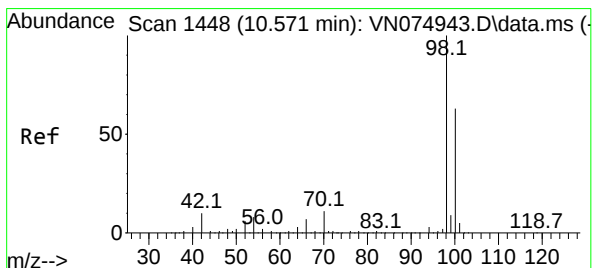
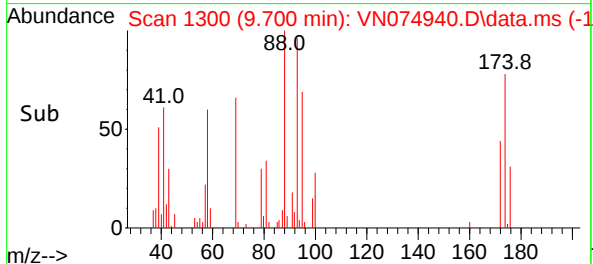
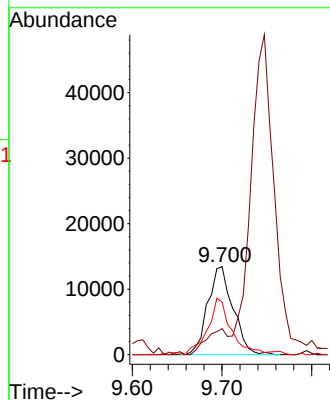
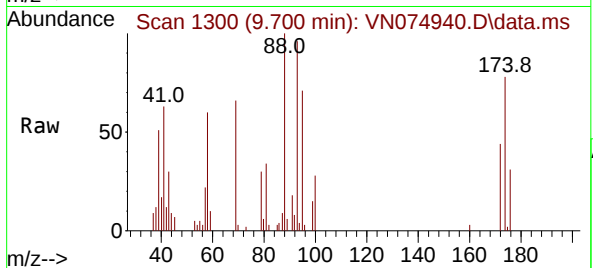
Tgt Ion: 88	Resp: 2625
Ion Ratio	Lower Upper
88 100	
43 24.5	21.1 31.7
58 60.8	49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#50

Toluene-d8

Concen: 5.160 ug/l

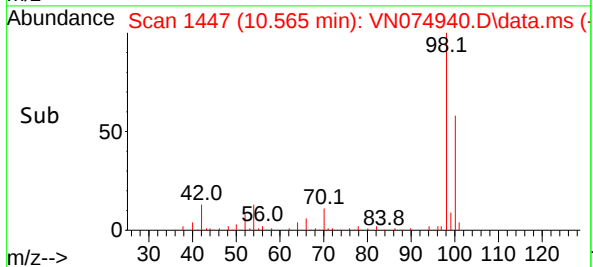
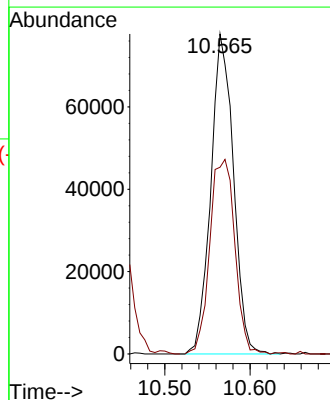
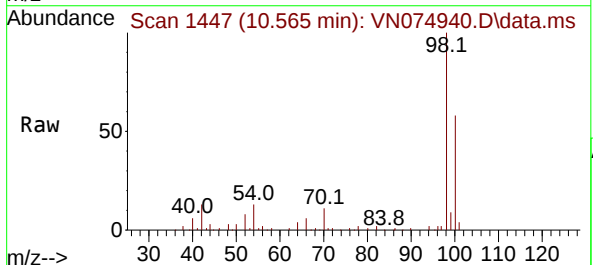
RT: 10.565 min Scan# 1447

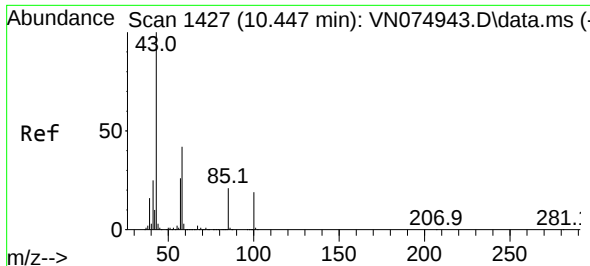
Delta R.T. -0.006 min

Lab File: VN074940.D

Acq: 20 Oct 2022 14:26

Tgt Ion: 98	Resp: 143366
Ion Ratio	Lower Upper
98 100	
100 67.1	51.4 77.2





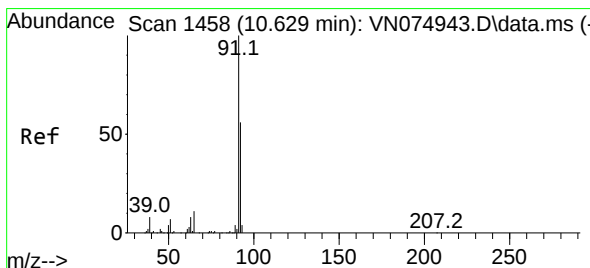
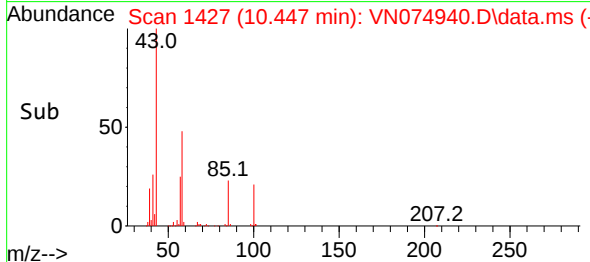
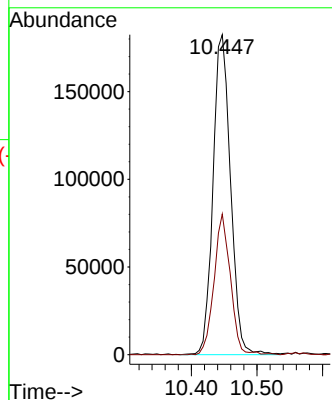
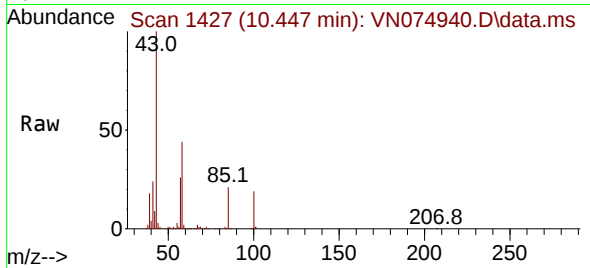
#51
4-Methyl-2-Pentanone
Concen: 25.477 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 33865
Ion Ratio Lower Upper
43 100
58 41.0 33.6 50.4

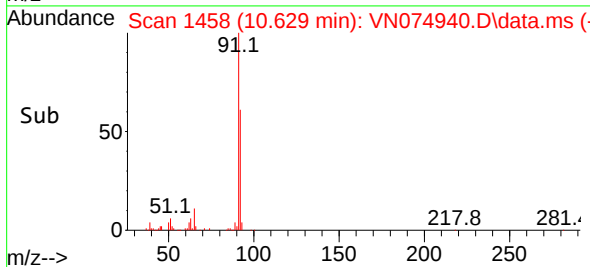
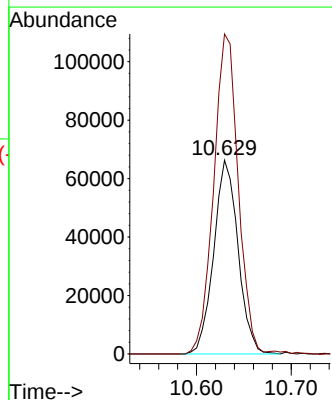
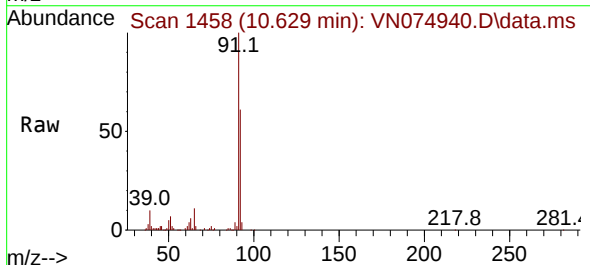
Manual Integrations
APPROVED

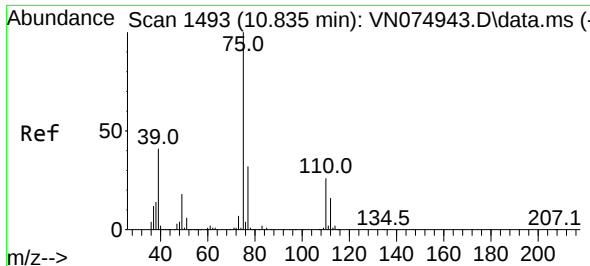
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#52
Toluene
Concen: 6.327 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26

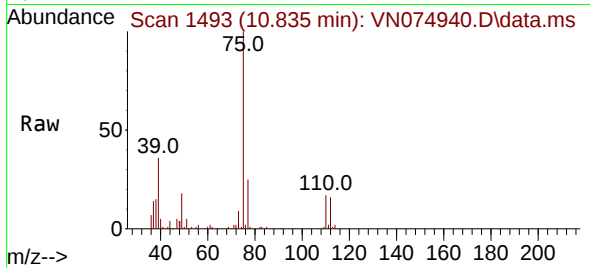
Tgt Ion: 92 Resp: 118157
Ion Ratio Lower Upper
92 100
91 166.7 139.2 208.8





#53
t-1,3-Dichloropropene
Concen: 5.937 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26

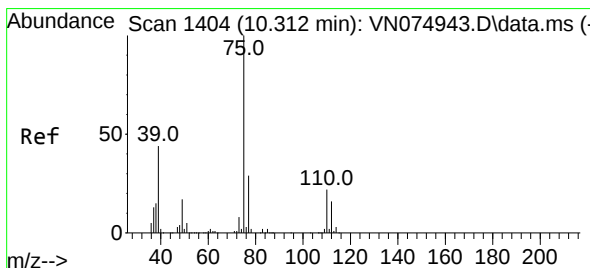
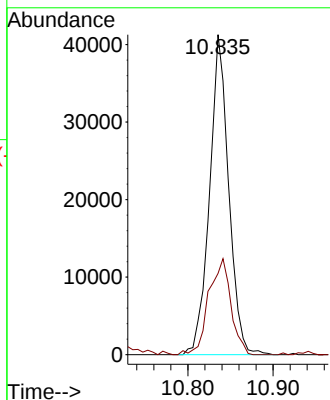
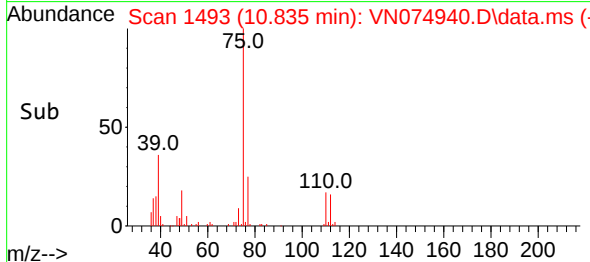
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



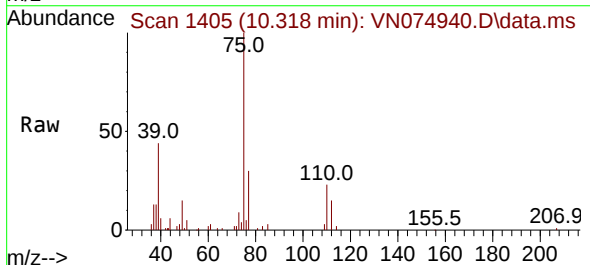
Tgt Ion: 75 Resp: 64440
Ion Ratio Lower Upper
75 100
77 25.4 25.2 37.8

Manual Integrations
APPROVED

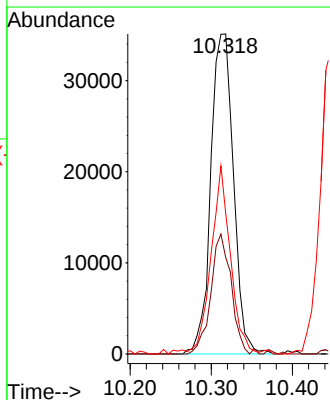
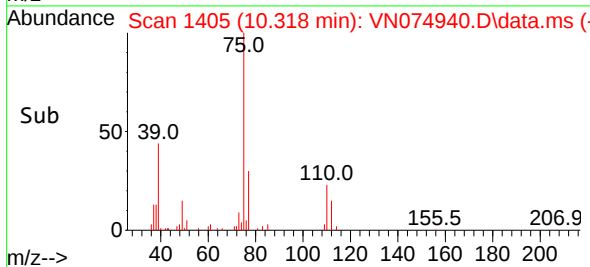
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

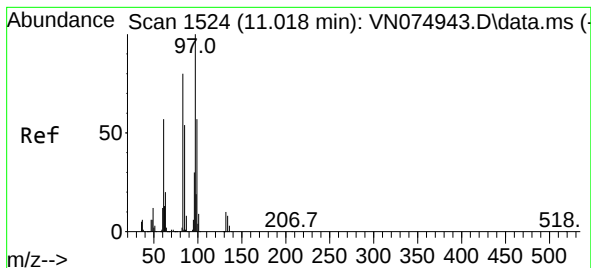


#54
cis-1,3-Dichloropropene
Concen: 5.830 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26



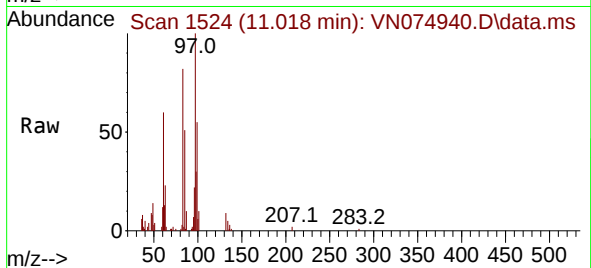
Tgt Ion: 75 Resp: 68285
Ion Ratio Lower Upper
75 100
77 30.1 23.5 35.3
39 43.9 35.1 52.7





#55
1,1,2-Trichloroethane
Concen: 6.224 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26

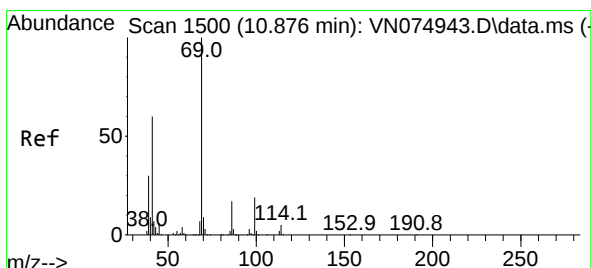
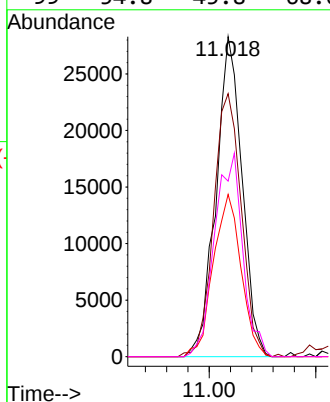
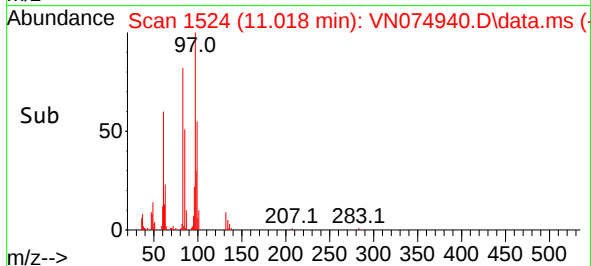
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 97 Resp: 4812
Ion Ratio Lower Upper
97 100
83 82.2 64.2 96.4
85 50.7 43.3 64.9
99 54.8 45.8 68.6

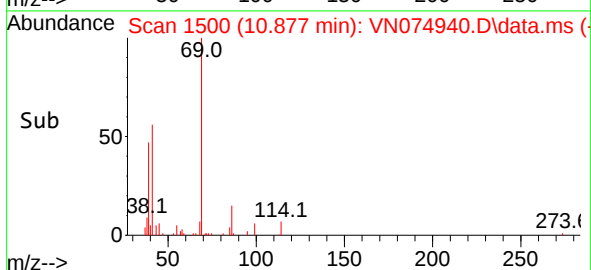
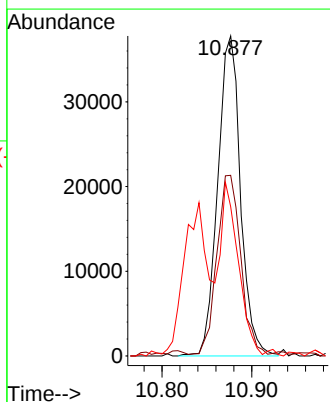
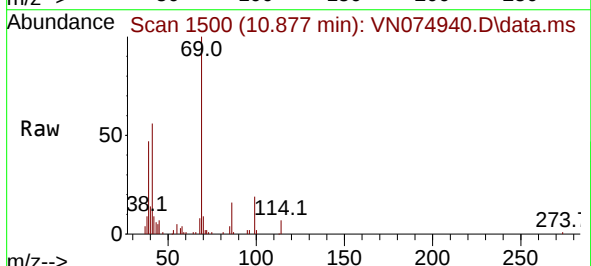
Manual Integrations
APPROVED

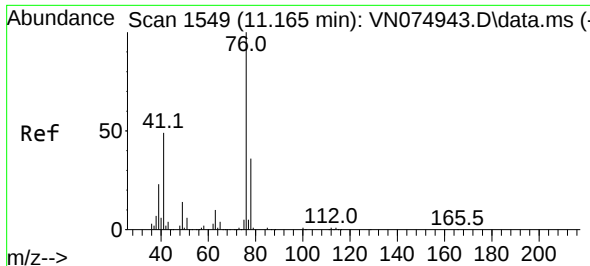
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#56
Ethyl methacrylate
Concen: 5.415 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26

Tgt Ion: 69 Resp: 66636
Ion Ratio Lower Upper
69 100
41 58.1 45.1 67.7
39 41.7 32.0 48.0





#57

1,3-Dichloropropane

Concen: 6.121 ug/l

RT: 11.159 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN074940.D

Acq: 20 Oct 2022 14:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 76 Resp: 8352

Ion Ratio Lower Upper

76 100

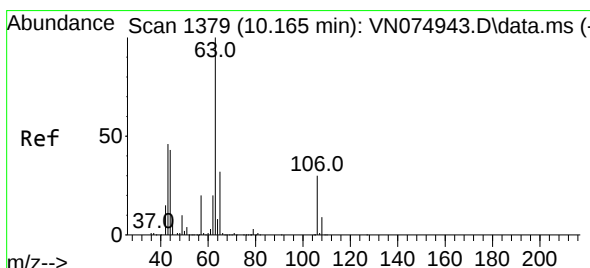
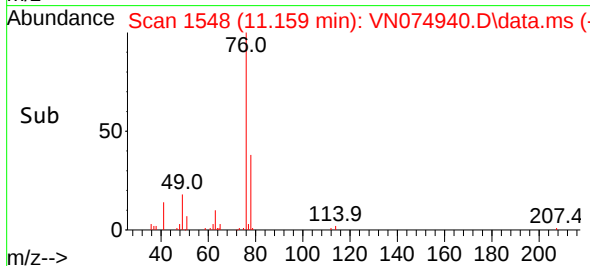
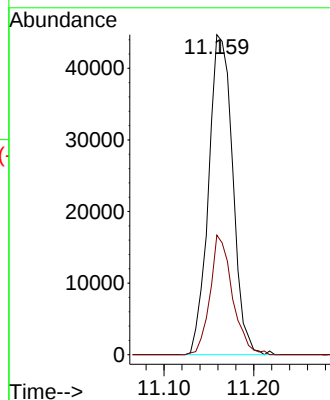
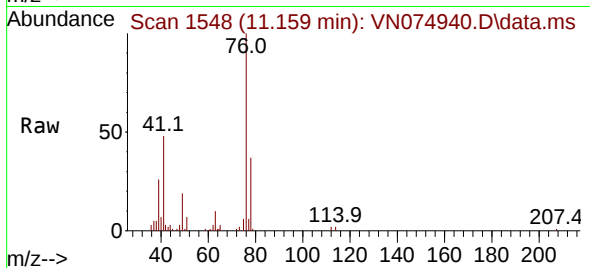
78 34.5 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#58

2-Chloroethyl Vinyl ether

Concen: 21.692 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.000 min

Lab File: VN074940.D

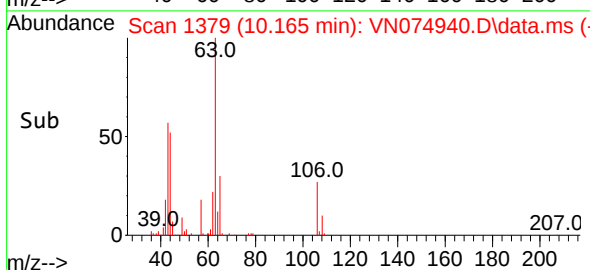
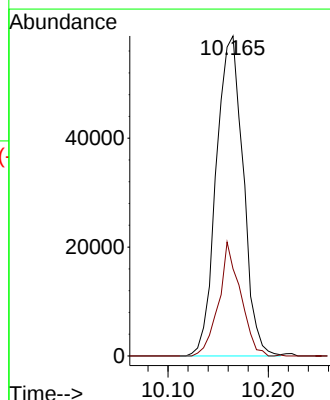
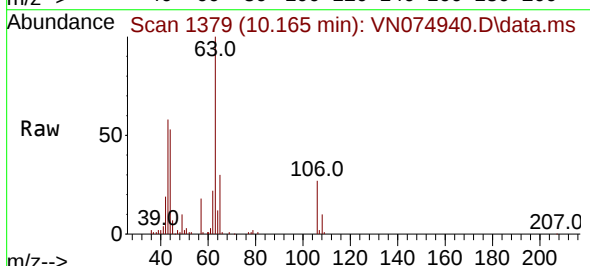
Acq: 20 Oct 2022 14:26

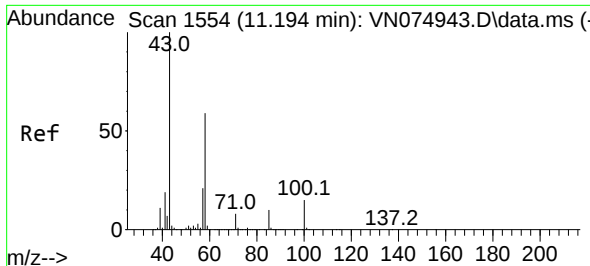
Tgt Ion: 63 Resp: 109547

Ion Ratio Lower Upper

63 100

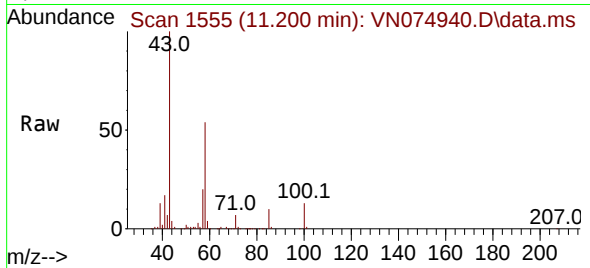
106 28.7 24.1 36.1





#59
2-Hexanone
Concen: 26.192 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26

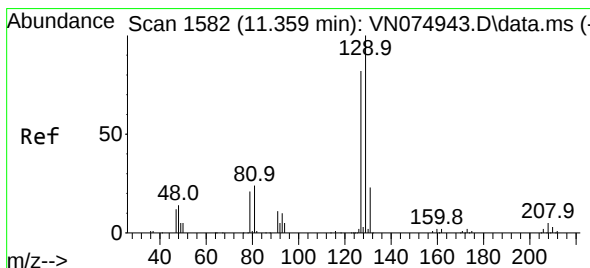
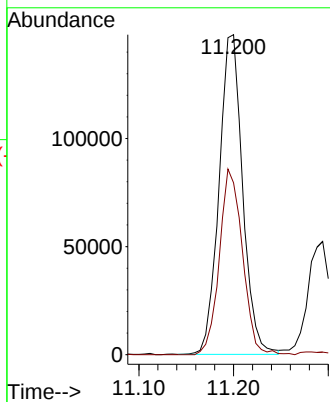
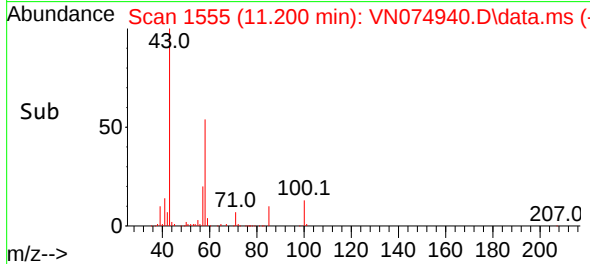
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 256040
Ion Ratio Lower Upper
43 100
58 56.8 29.5 88.5

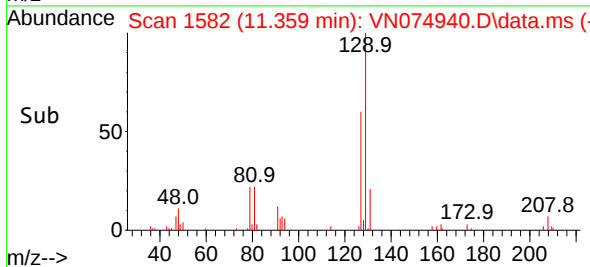
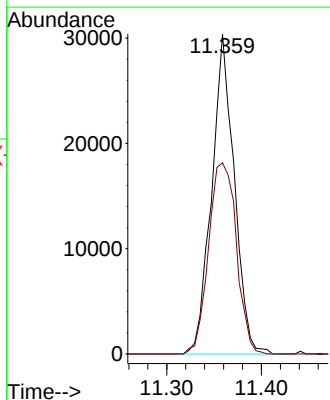
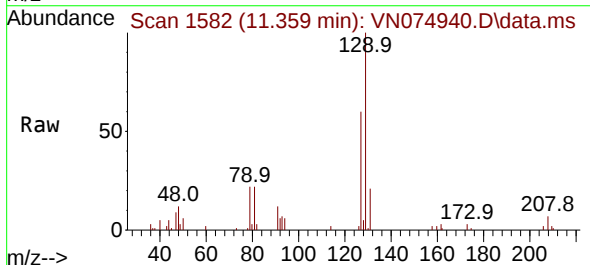
Manual Integrations
APPROVED

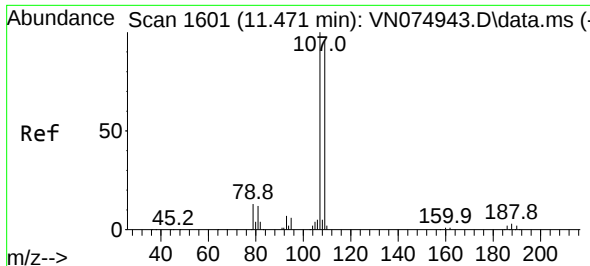
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#60
Dibromochloromethane
Concen: 6.632 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26

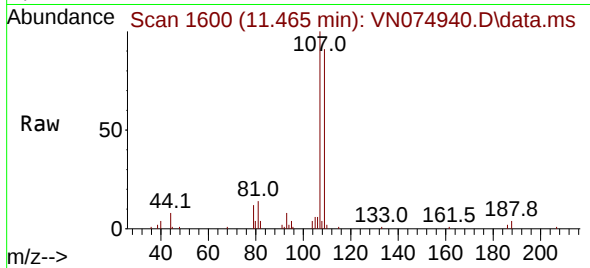
Tgt Ion:129 Resp: 50182
Ion Ratio Lower Upper
129 100
127 73.6 39.0 116.9





#61
1,2-Dibromoethane
Concen: 6.153 ug/l
RT: 11.465 min Scan# 1600
Delta R.T. -0.006 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26

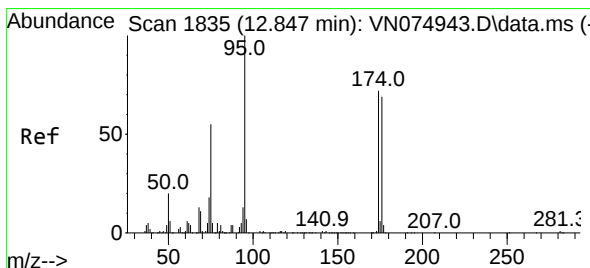
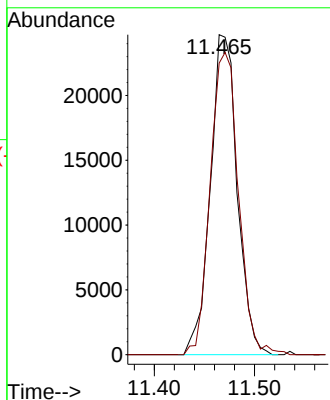
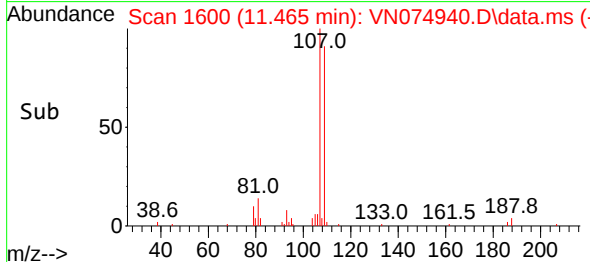
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



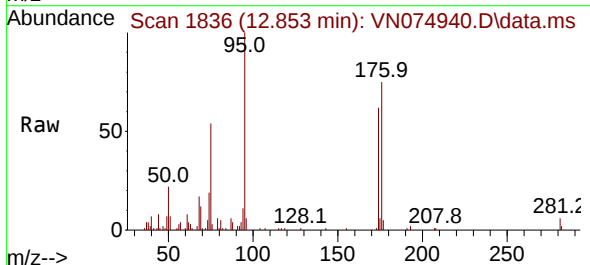
Tgt Ion:107 Resp: 46124
Ion Ratio Lower Upper
107 100
109 99.0 75.5 113.3

Manual Integrations
APPROVED

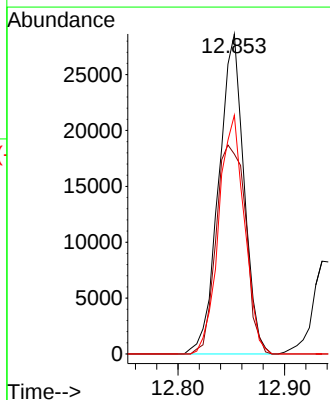
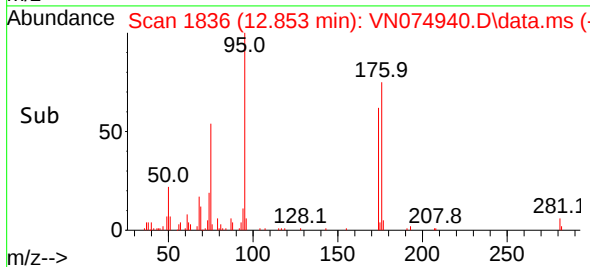
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

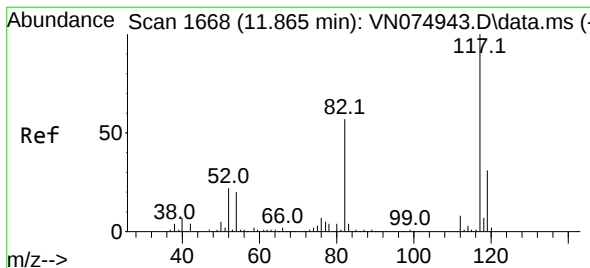


#62
4-Bromofluorobenzene
Concen: 5.874 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26



Tgt Ion: 95 Resp: 46923
Ion Ratio Lower Upper
95 100
174 77.1 0.0 143.0
176 76.0 0.0 138.2





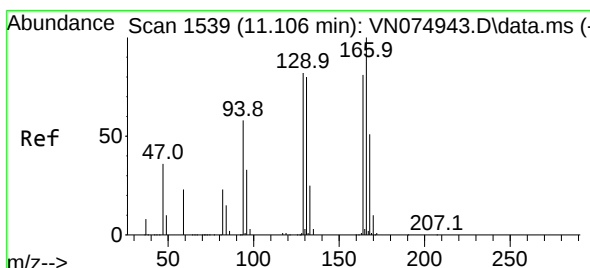
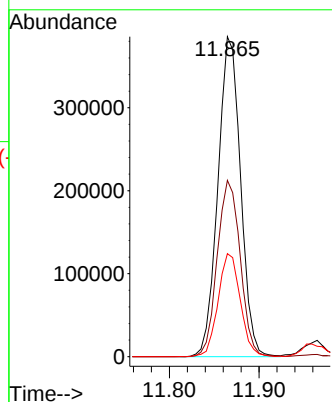
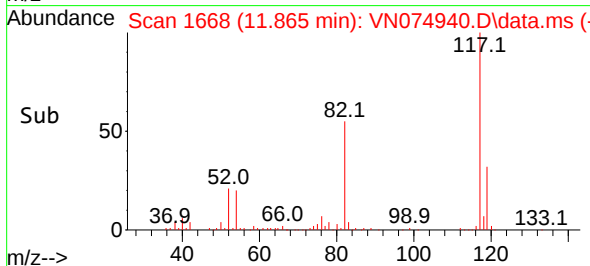
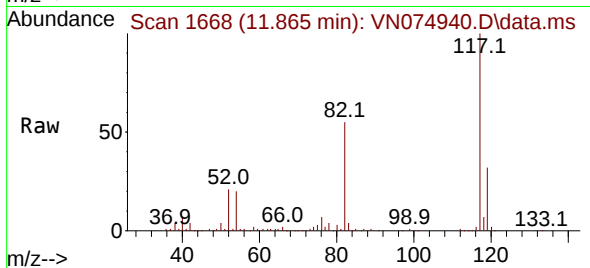
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:117 Resp: 67674
Ion Ratio Lower Upper
117 100
82 55.1 45.6 68.4
119 32.1 25.1 37.7

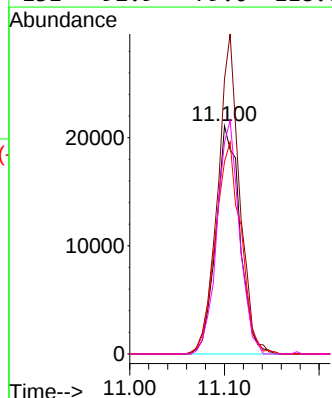
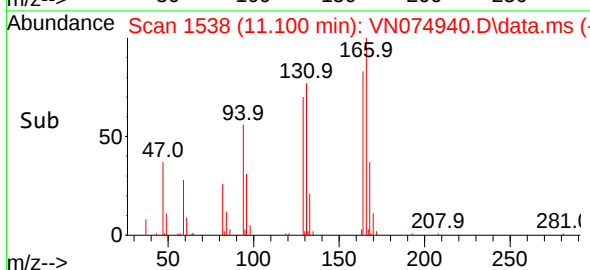
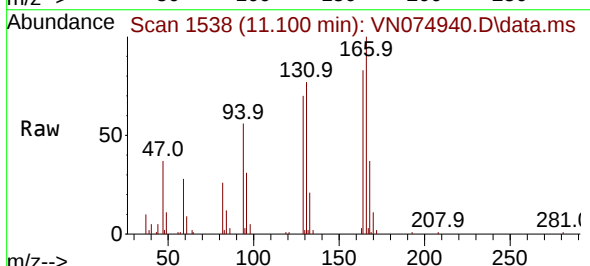
Manual Integrations
APPROVED

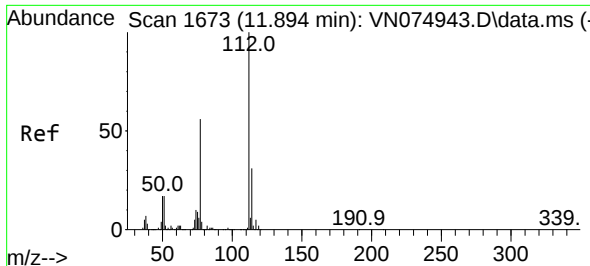
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#64
Tetrachloroethene
Concen: 6.603 ug/l
RT: 11.100 min Scan# 1538
Delta R.T. -0.006 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26

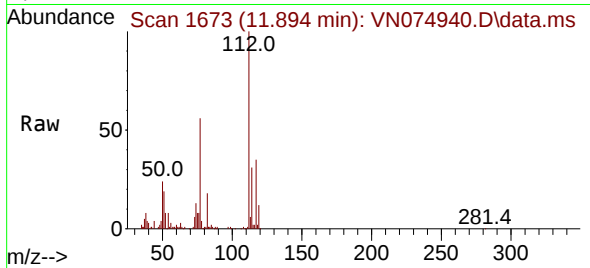
Tgt Ion:164 Resp: 37157
Ion Ratio Lower Upper
164 100
166 120.7 98.6 148.0
129 84.4 81.2 121.8
131 92.9 79.0 118.6





#65
Chlorobenzene
Concen: 6.561 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26

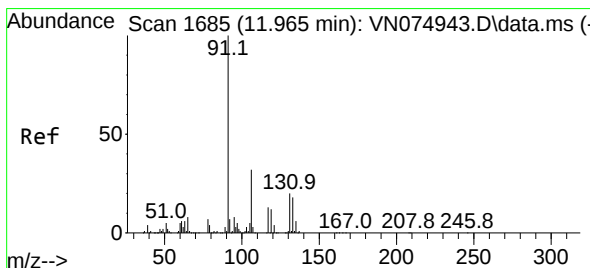
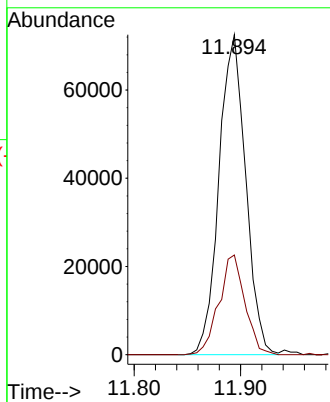
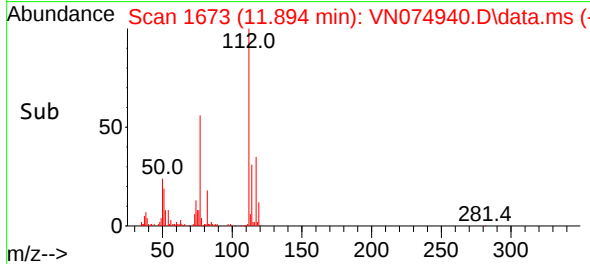
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



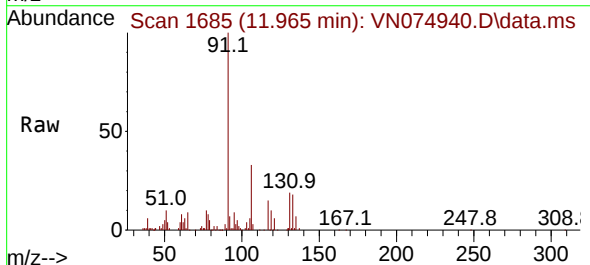
Tgt Ion:112 Resp: 12606
Ion Ratio Lower Upper
112 100
114 31.1 25.0 37.6

Manual Integrations
APPROVED

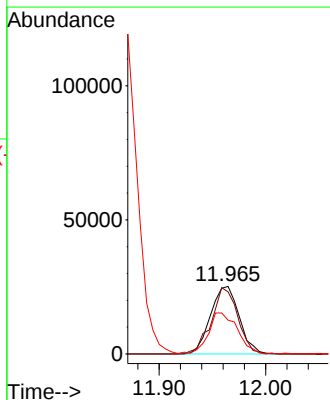
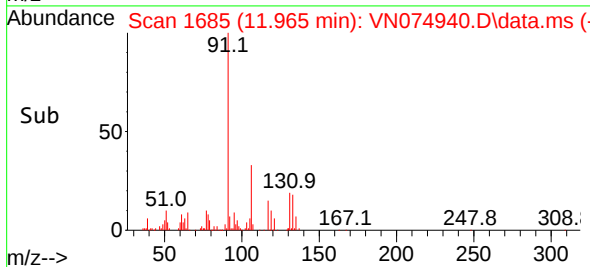
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

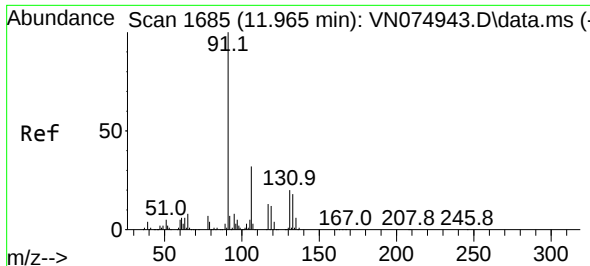


#66
1,1,1,2-Tetrachloroethane
Concen: 6.600 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26



Tgt Ion:131 Resp: 46985
Ion Ratio Lower Upper
131 100
133 90.7 46.6 139.7
119 61.7 32.4 97.0





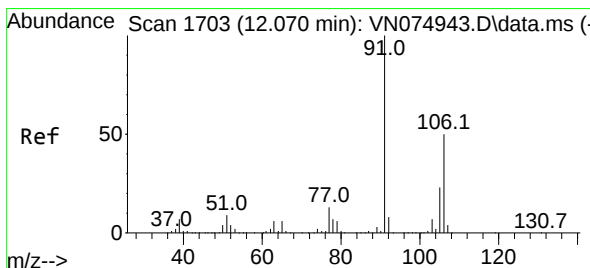
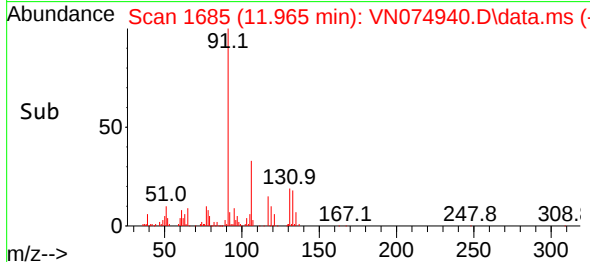
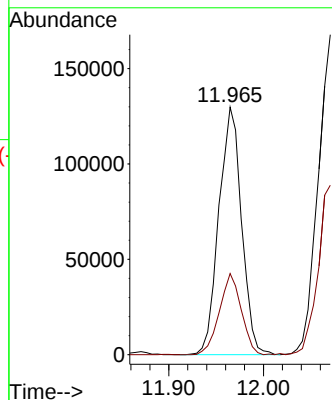
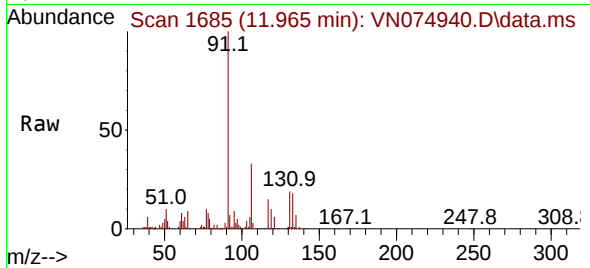
#67
Ethyl Benzene
Concen: 6.409 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 216469
Ion Ratio Lower Upper
91 100
106 32.8 25.4 38.2

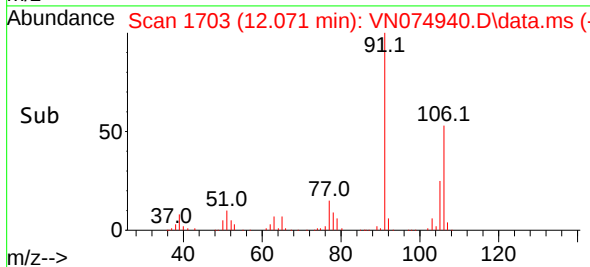
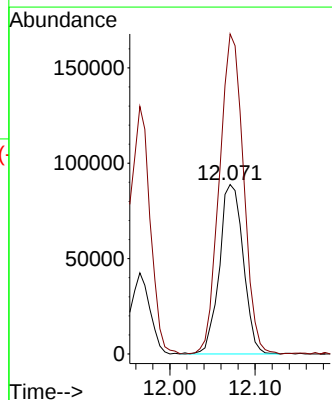
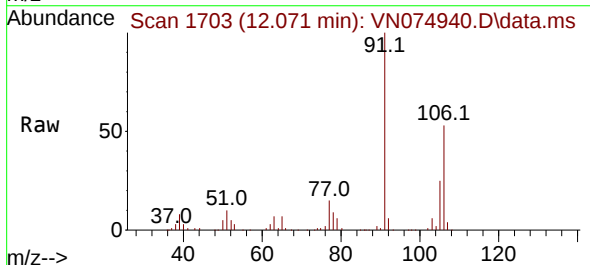
Manual Integrations
APPROVED

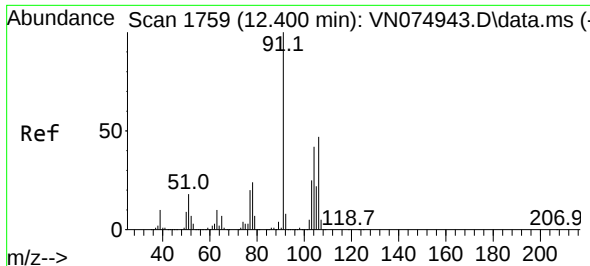
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#68
m/p-Xylenes
Concen: 13.499 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26

Tgt Ion:106 Resp: 172558
Ion Ratio Lower Upper
106 100
91 191.2 159.7 239.5





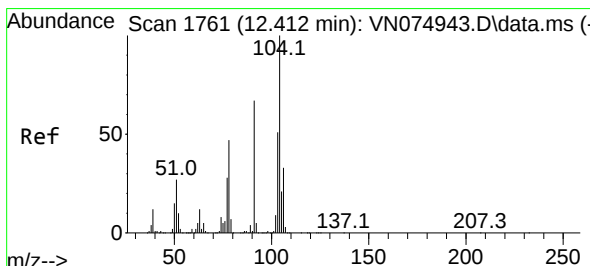
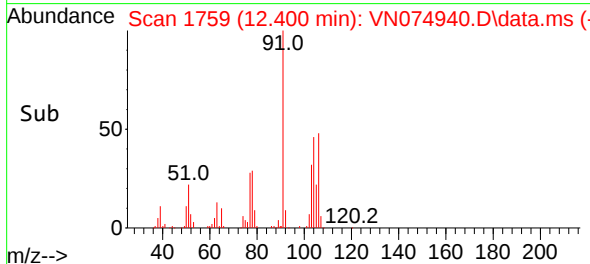
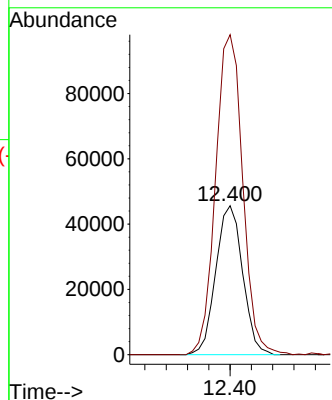
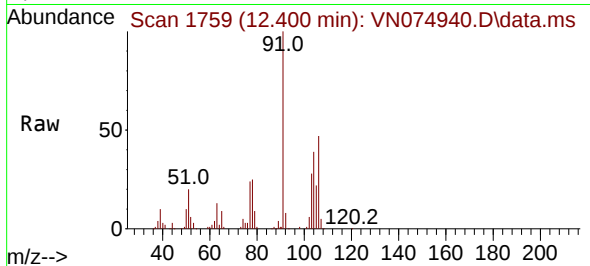
#69
o-Xylene
Concen: 6.008 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 79810
Ion Ratio Lower Upper
106 100
91 217.0 103.6 310.7

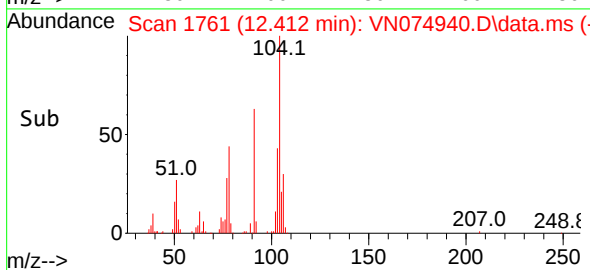
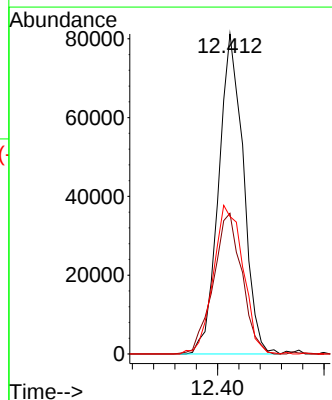
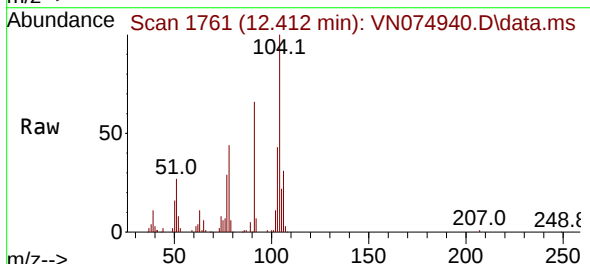
Manual Integrations
APPROVED

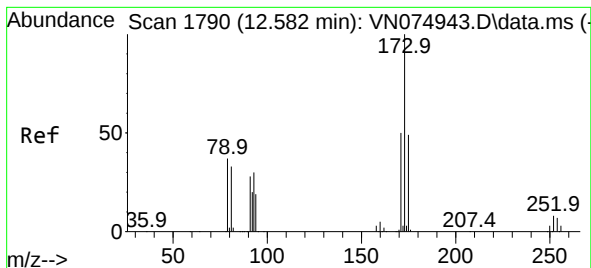
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#70
Styrene
Concen: 6.322 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26

Tgt Ion:104 Resp: 130681
Ion Ratio Lower Upper
104 100
78 51.1 39.4 59.2
103 55.8 43.0 64.4





#71

Bromoform

Concen: 6.634 ug/l

RT: 12.576 min Scan# 1789

Delta R.T. -0.006 min

Lab File: VN074940.D

Acq: 20 Oct 2022 14:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

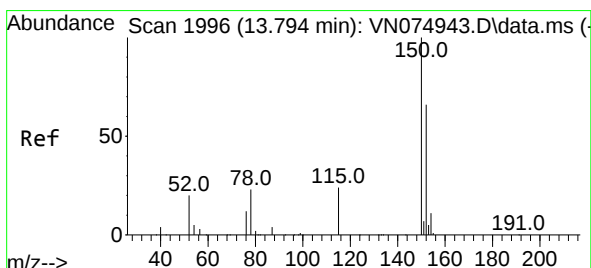
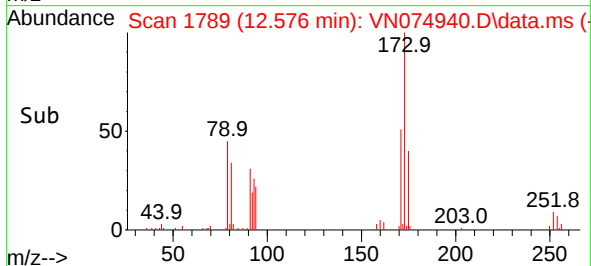
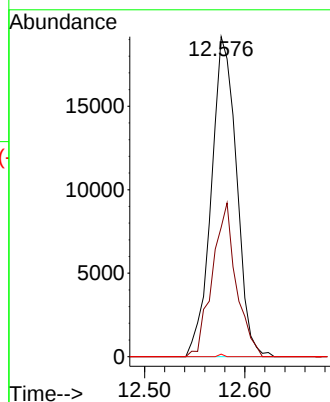
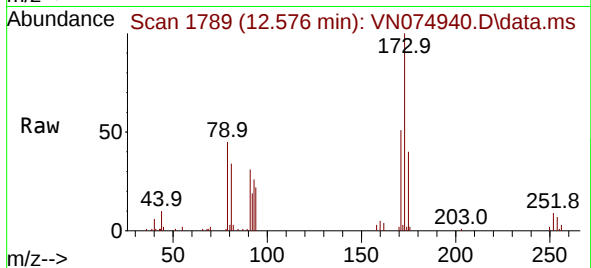
Tgt Ion:	173	Resp:	33439
Ion Ratio	Lower	Upper	
173	100		
175	45.4	24.8	74.3
254	0.2	0.1	0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

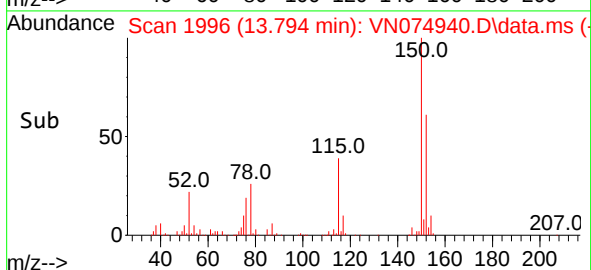
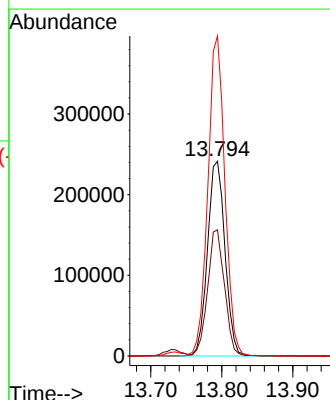
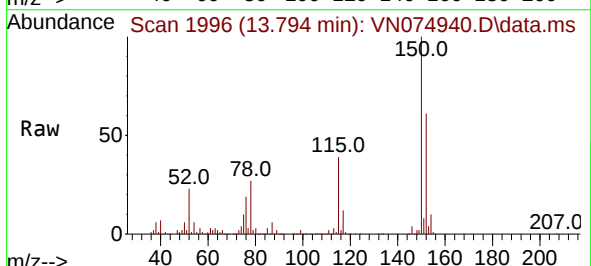
RT: 13.794 min Scan# 1996

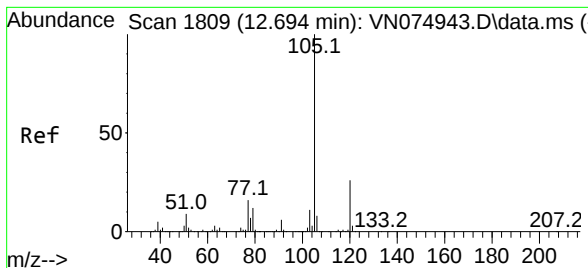
Delta R.T. 0.000 min

Lab File: VN074940.D

Acq: 20 Oct 2022 14:26

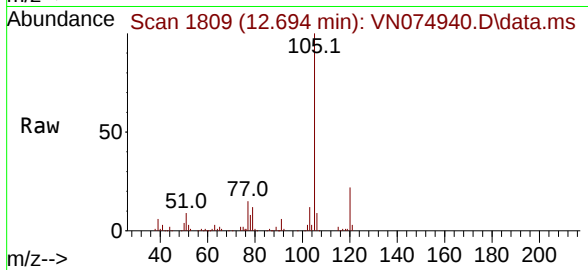
Tgt Ion:	152	Resp:	413574
Ion Ratio	Lower	Upper	
152	100		
115	62.5	31.3	93.8
150	159.5	0.0	349.6





#73
Isopropylbenzene
Concen: 5.770 ug/l
RT: 12.694 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26

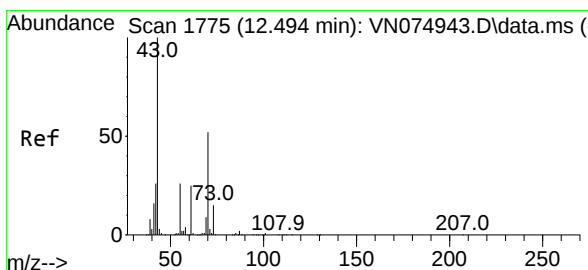
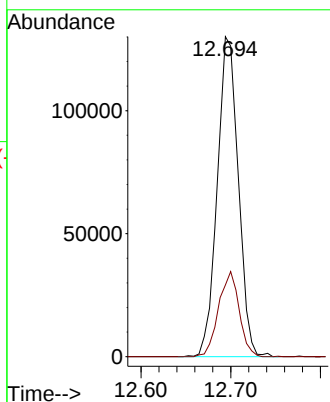
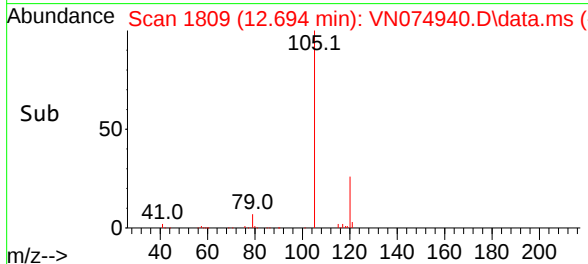
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



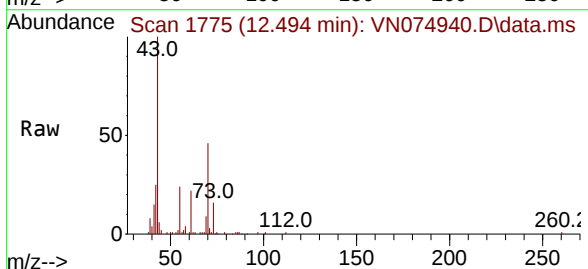
Tgt Ion:105 Resp: 21208
Ion Ratio Lower Upper
105 100
120 26.0 13.5 40.4

Manual Integrations
APPROVED

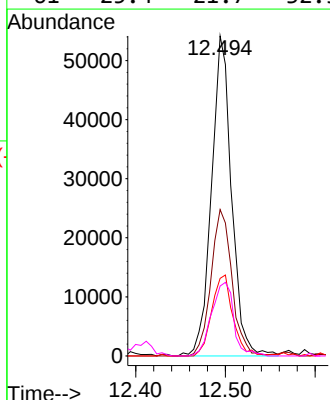
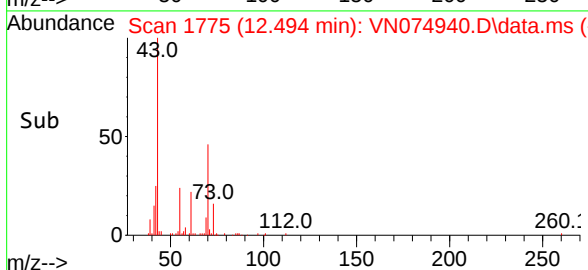
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

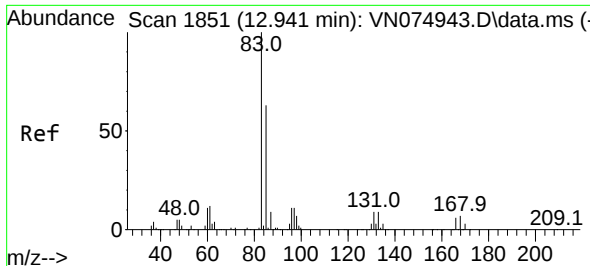


#74
N-ethyl acetate
Concen: 4.645 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26



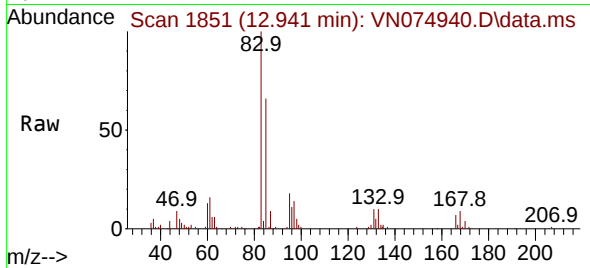
Tgt Ion: 43 Resp: 84340
Ion Ratio Lower Upper
43 100
70 47.7 40.2 60.2
55 26.6 20.6 31.0
61 25.4 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 5.438 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26

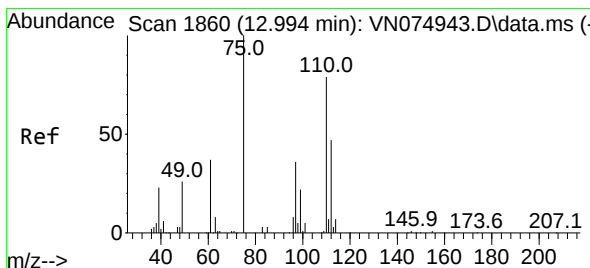
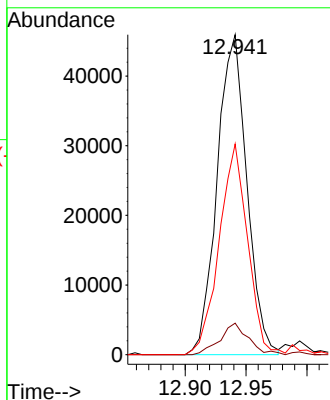
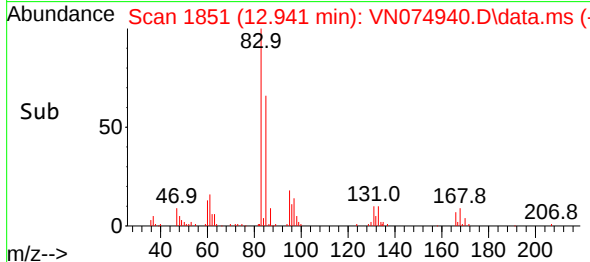
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 83 Resp: 77970
Ion Ratio Lower Upper
83 100
131 9.4 5.1 15.3
85 63.0 32.6 97.7

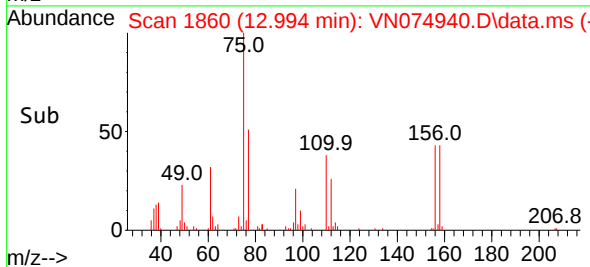
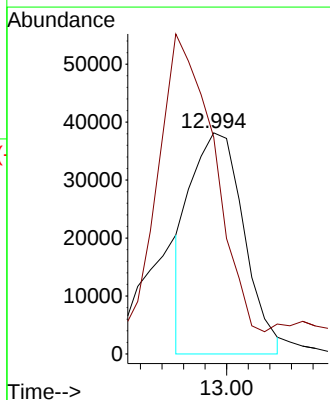
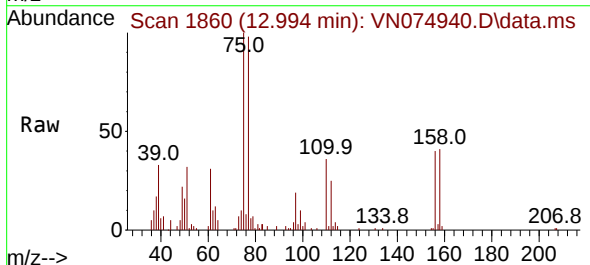
Manual Integrations
APPROVED

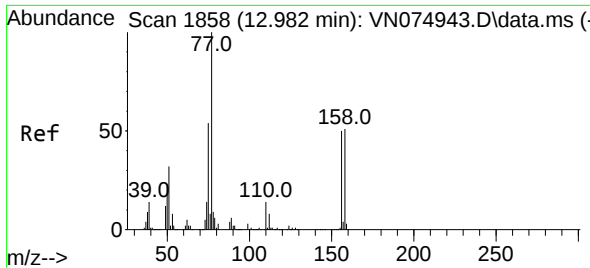
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#76
1,2,3-Trichloropropane
Concen: 6.337 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26

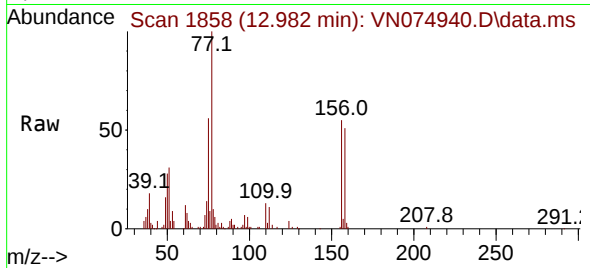
Tgt Ion: 75 Resp: 65869
Ion Ratio Lower Upper
75 100
77 162.8 81.0 243.0





#77
Bromobenzene
Concen: 5.710 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26

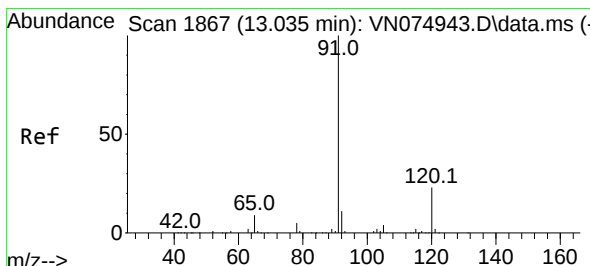
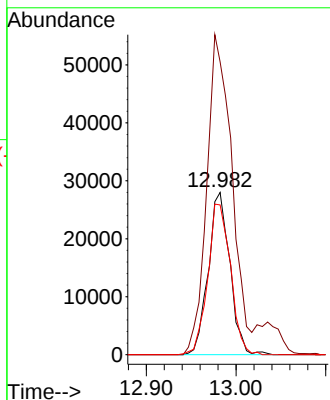
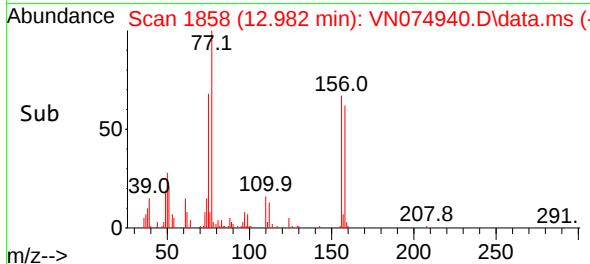
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:156 Resp: 46750
Ion Ratio Lower Upper
156 100
77 229.4 117.1 351.3
158 97.8 48.3 144.9

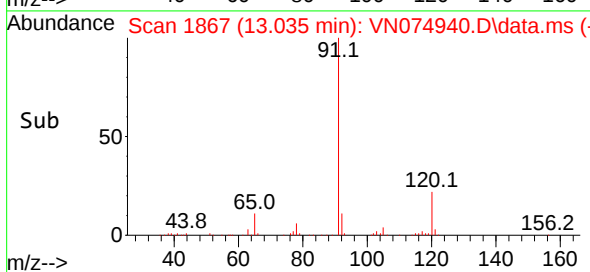
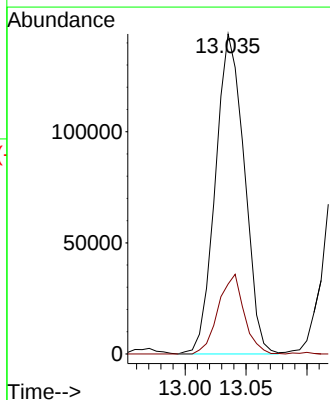
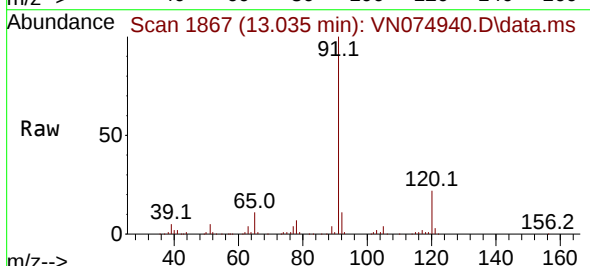
Manual Integrations
APPROVED

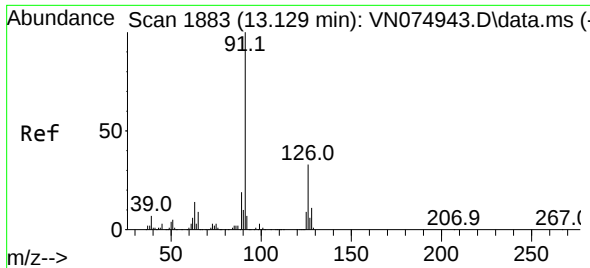
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#78
n-propylbenzene
Concen: 5.768 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26

Tgt Ion: 91 Resp: 237889
Ion Ratio Lower Upper
91 100
120 22.3 11.5 34.4





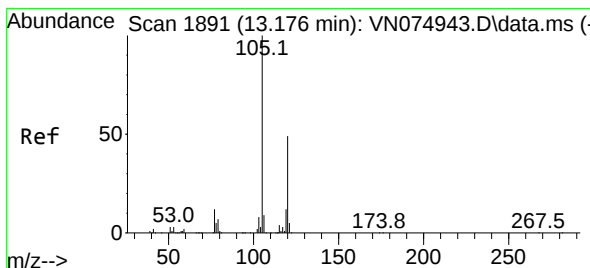
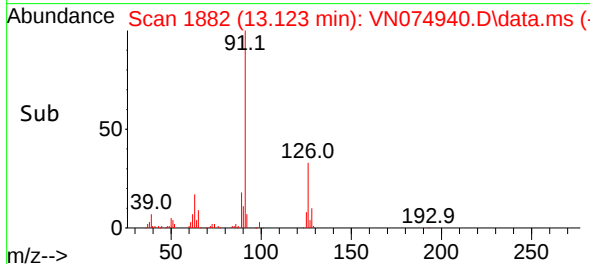
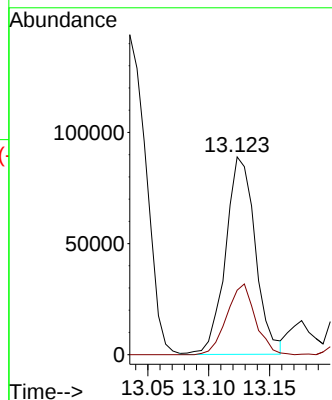
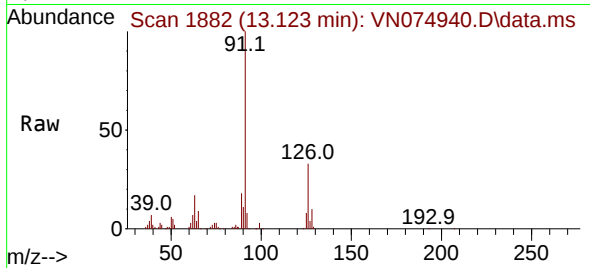
#79
2-Chlorotoluene
Concen: 6.453 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 151504
Ion Ratio Lower Upper
91 100
126 34.2 17.0 51.0

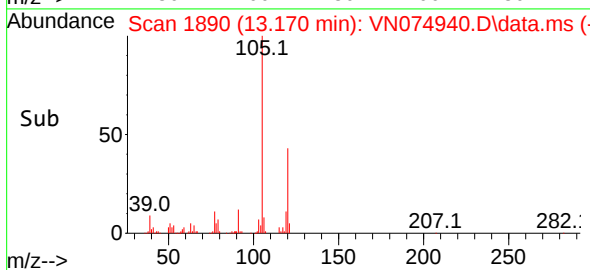
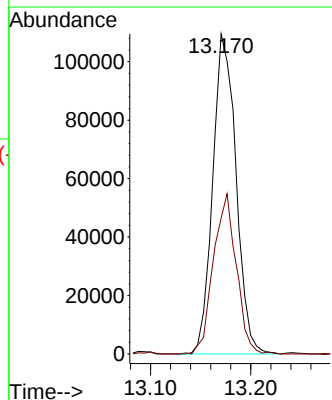
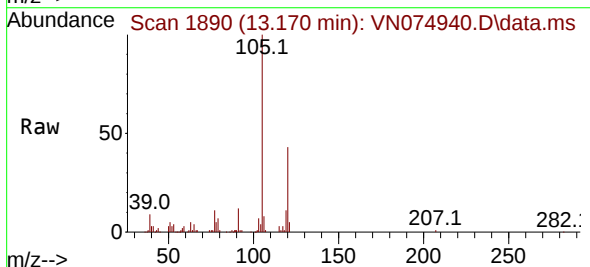
Manual Integrations
APPROVED

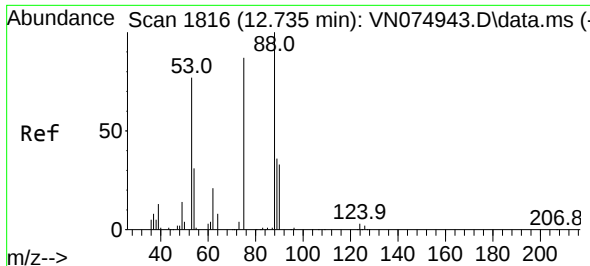
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#80
1,3,5-Trimethylbenzene
Concen: 6.133 ug/l
RT: 13.170 min Scan# 1890
Delta R.T. -0.006 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26

Tgt Ion:105 Resp: 176283
Ion Ratio Lower Upper
105 100
120 49.4 24.3 72.9





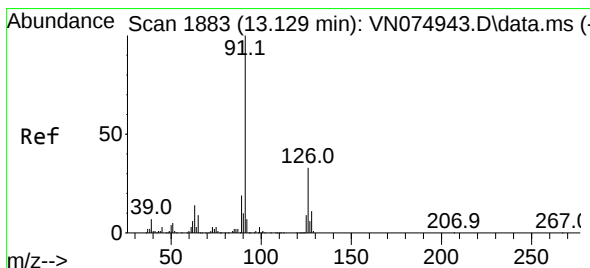
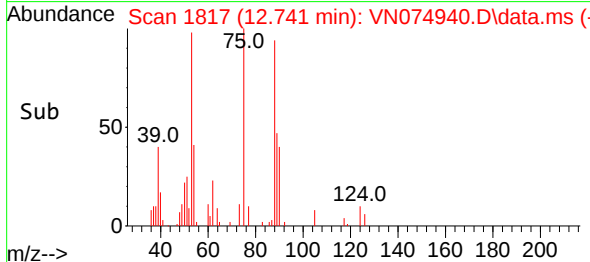
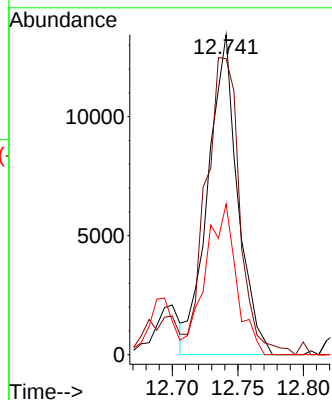
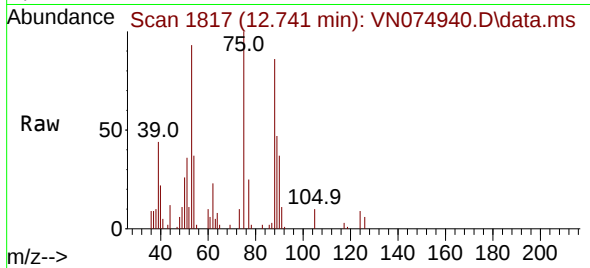
#81
trans-1,4-Dichloro-2-butene
Concen: 5.531 ug/l
RT: 12.741 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 2124
Ion Ratio Lower Upper
75 100
53 103.2 79.2 118.8
89 49.0 37.9 56.9

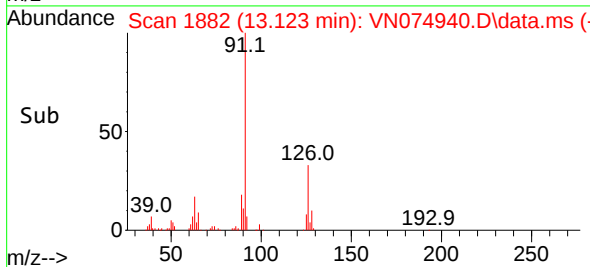
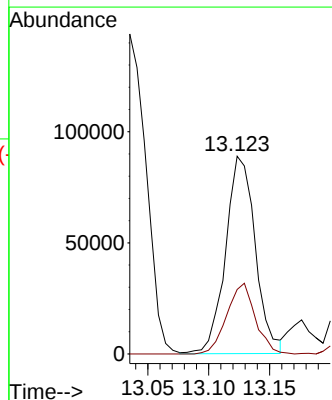
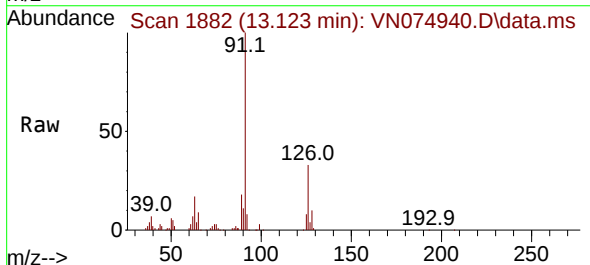
Manual Integrations
APPROVED

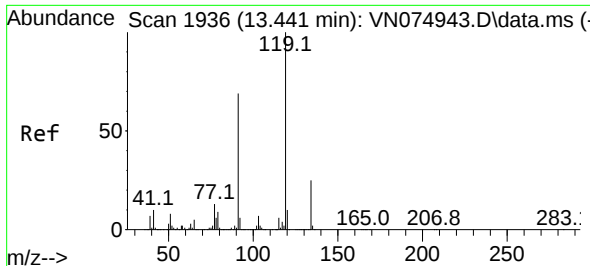
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#82
4-Chlorotoluene
Concen: 6.453 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26

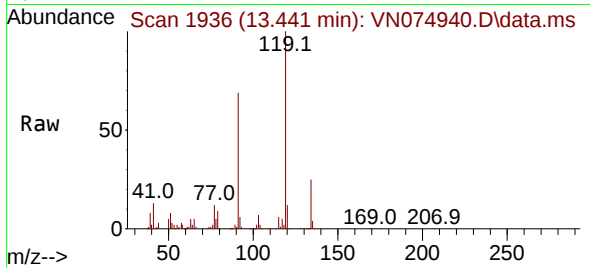
Tgt Ion: 91 Resp: 151504
Ion Ratio Lower Upper
91 100
126 34.2 17.0 51.0





#83
tert-Butylbenzene
Concen: 5.853 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26

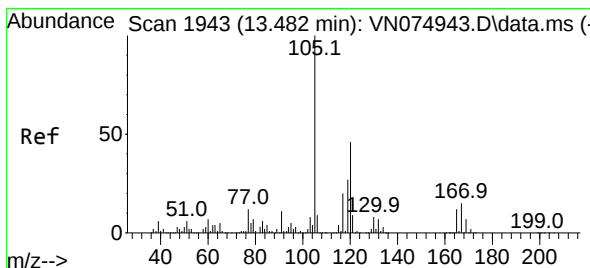
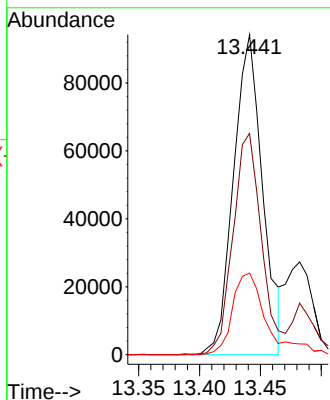
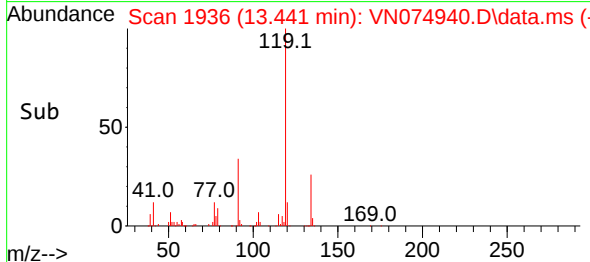
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



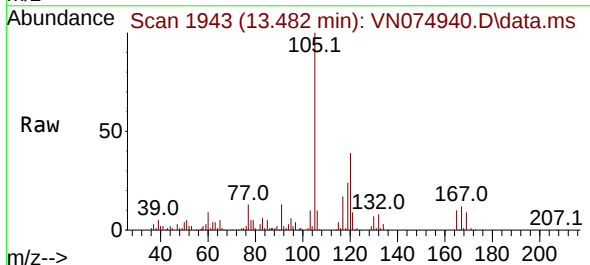
Tgt Ion:119 Resp: 156528
Ion Ratio Lower Upper
119 100
91 68.3 33.1 99.3
134 29.8 12.4 37.0

Manual Integrations
APPROVED

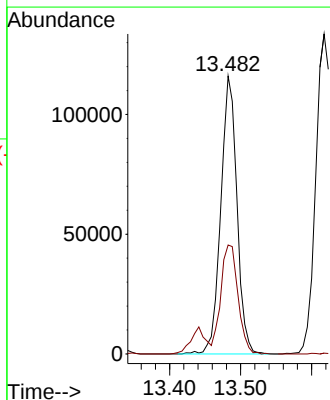
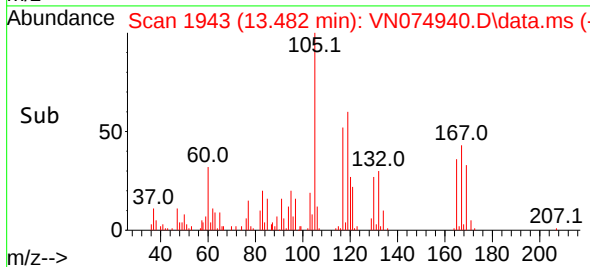
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

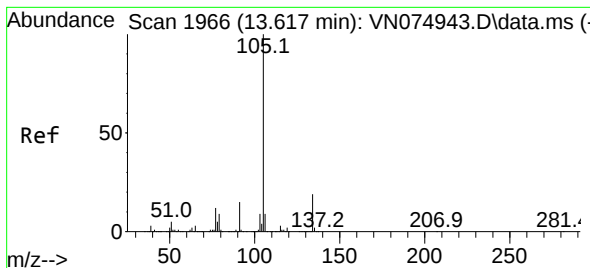


#84
1,2,4-Trimethylbenzene
Concen: 6.641 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26



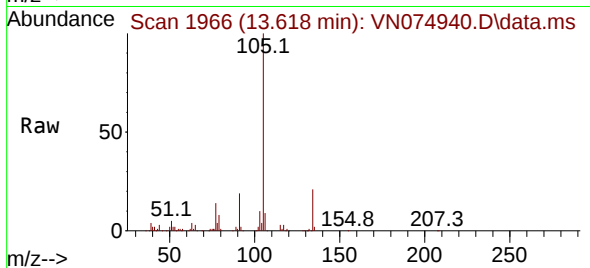
Tgt Ion:105 Resp: 182624
Ion Ratio Lower Upper
105 100
120 41.7 22.9 68.5





#85
 sec-Butylbenzene
 Concen: 6.071 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN074940.D
 Acq: 20 Oct 2022 14:26

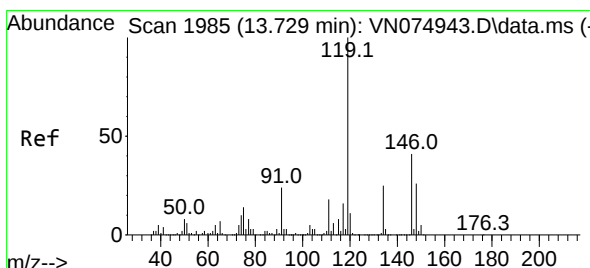
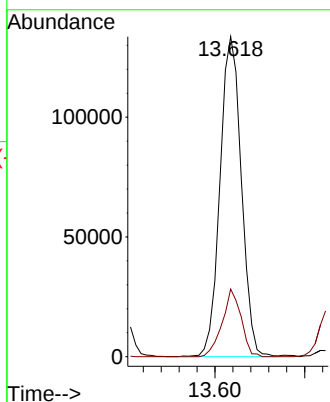
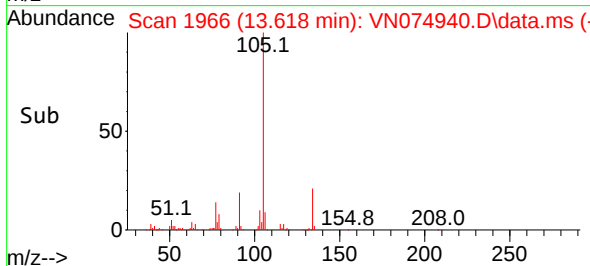
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



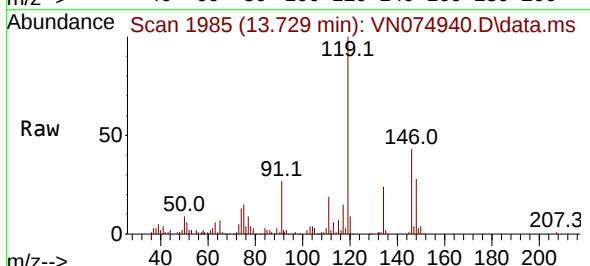
Tgt Ion:105 Resp: 220629
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.7 29.1

Manual Integrations
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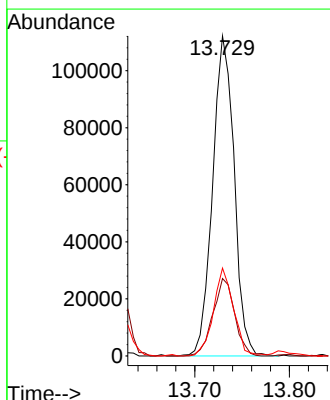
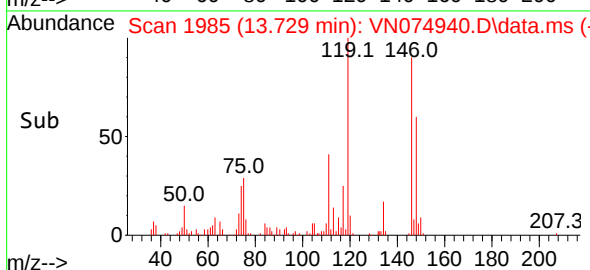
Reviewed By :John Carlone 10/21/2022
 Supervised By :Mahesh Dadoda 10/21/2022

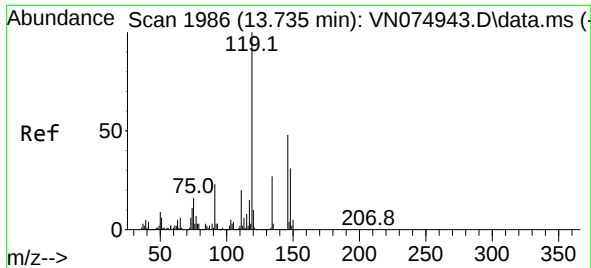


#86
 p-Isopropyltoluene
 Concen: 6.446 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN074940.D
 Acq: 20 Oct 2022 14:26



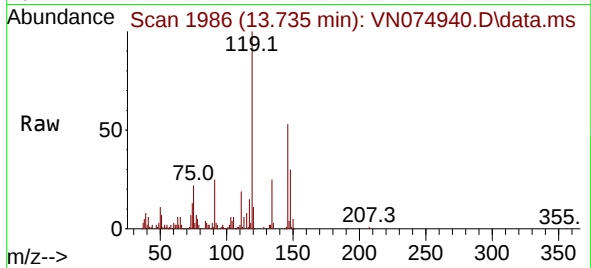
Tgt Ion:119 Resp: 177242
 Ion Ratio Lower Upper
 119 100
 134 24.3 12.9 38.7
 91 25.7 11.9 35.5





#87
 1,3-Dichlorobenzene
 Concen: 6.668 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN074940.D
 Acq: 20 Oct 2022 14:26

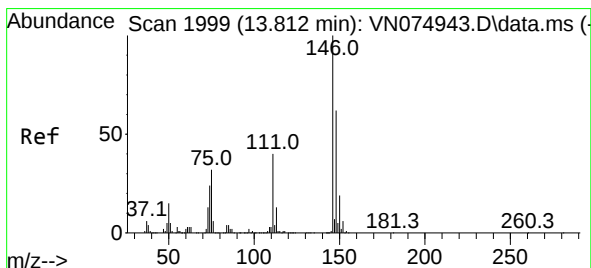
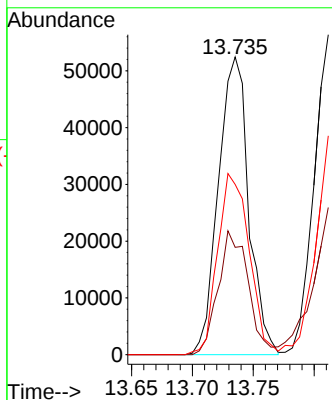
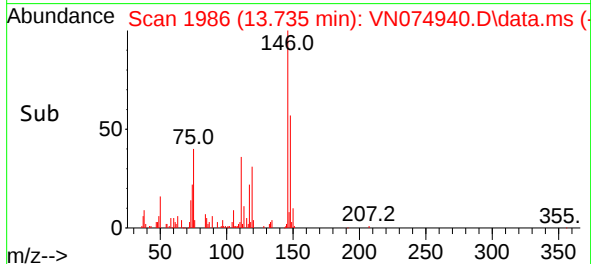
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



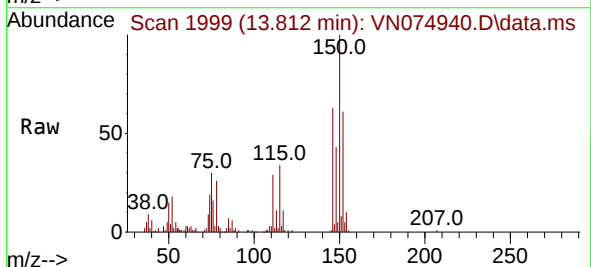
Tgt Ion:146 Resp: 91022
 Ion Ratio Lower Upper
 146 100
 111 40.9 21.5 64.5
 148 63.3 31.7 95.1

Manual Integrations
 APPROVED

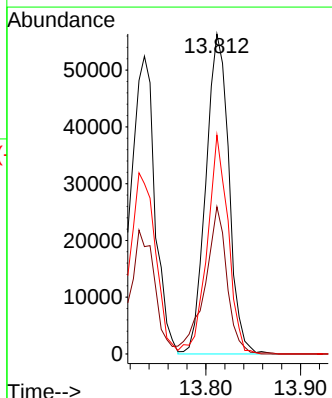
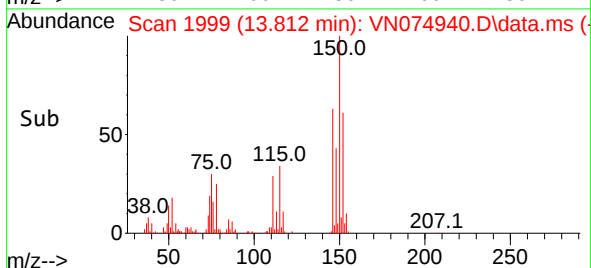
Reviewed By :John Carlone 10/21/2022
 Supervised By :Mahesh Dadoda 10/21/2022

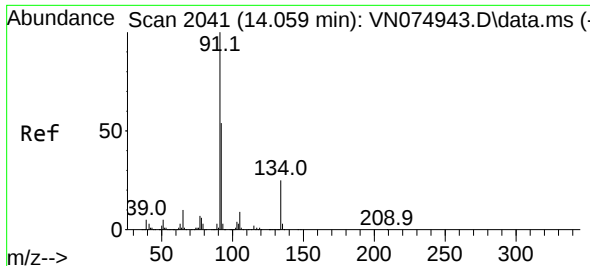


#88
 1,4-Dichlorobenzene
 Concen: 6.925 ug/l
 RT: 13.812 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN074940.D
 Acq: 20 Oct 2022 14:26



Tgt Ion:146 Resp: 94898
 Ion Ratio Lower Upper
 146 100
 111 44.9 20.3 61.0
 148 62.3 32.3 96.9





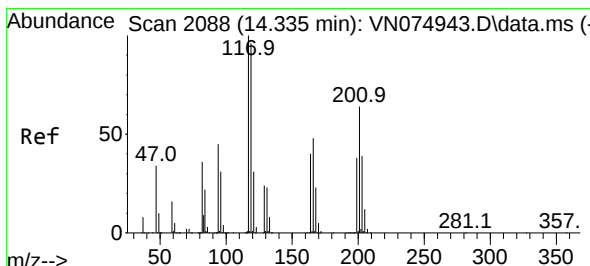
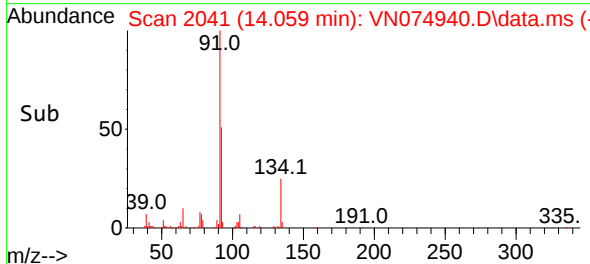
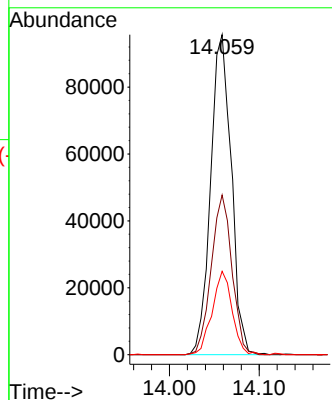
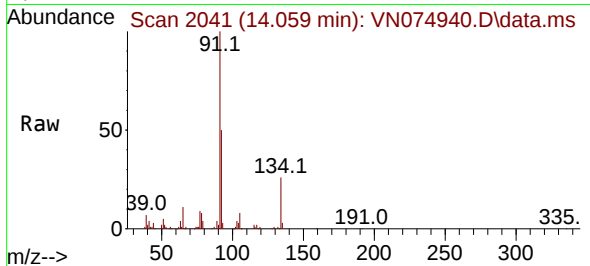
#89
n-Butylbenzene
Concen: 6.712 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 152780
Ion Ratio Lower Upper
91 100
92 50.1 26.3 78.9
134 25.3 12.6 37.6

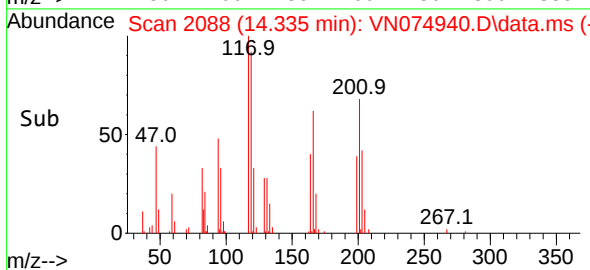
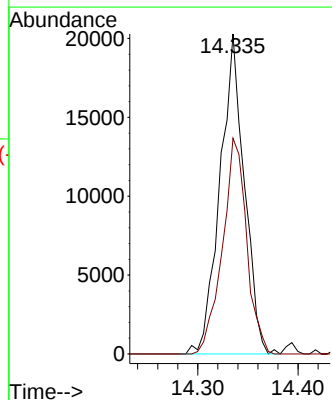
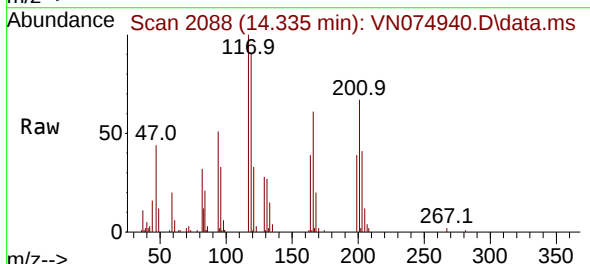
Manual Integrations
APPROVED

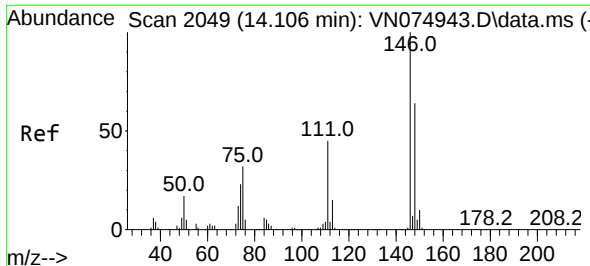
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#90
Hexachloroethane
Concen: 5.915 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26

Tgt Ion:117 Resp: 34194
Ion Ratio Lower Upper
117 100
201 66.9 30.6 91.6





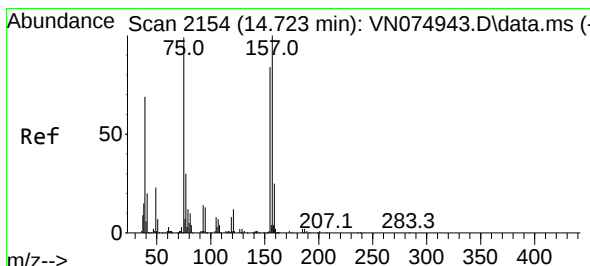
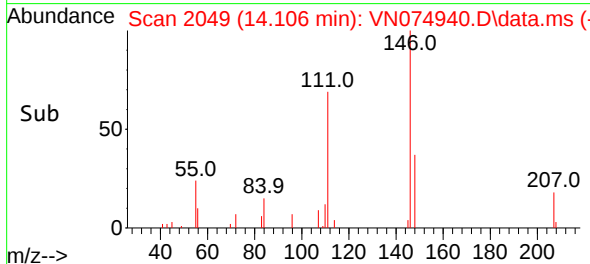
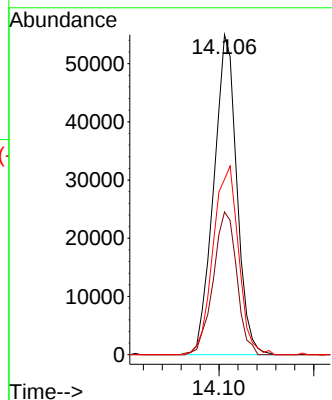
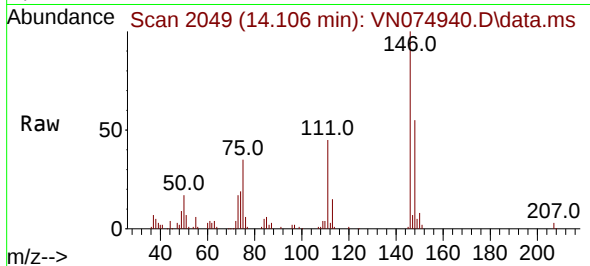
#91
1,2-Dichlorobenzene
Concen: 6.745 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. 0.000 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 92834
Ion Ratio Lower Upper
146 100
111 45.8 22.2 66.6
148 64.9 31.9 95.5

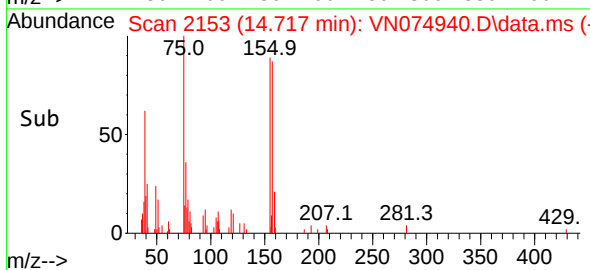
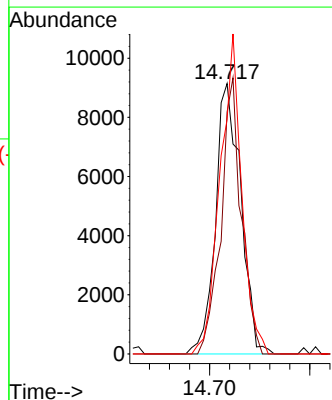
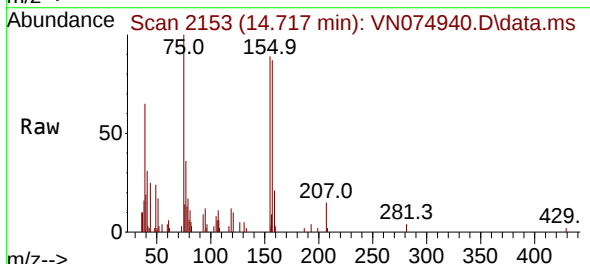
Manual Integrations
APPROVED

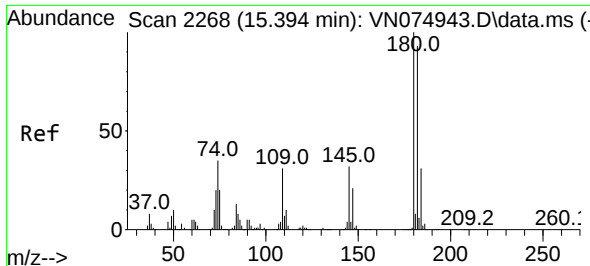
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 6.923 ug/l
RT: 14.717 min Scan# 2153
Delta R.T. -0.006 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26

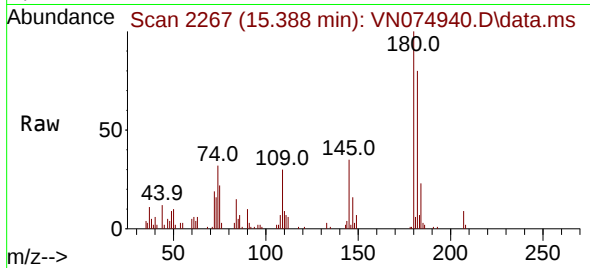
Tgt Ion: 75 Resp: 15983
Ion Ratio Lower Upper
75 100
155 82.7 39.6 118.8
157 101.5 47.8 143.4





#93
1,2,4-Trichlorobenzene
Concen: 6.042 ug/l
RT: 15.388 min Scan# 2107
Delta R.T. -0.006 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26

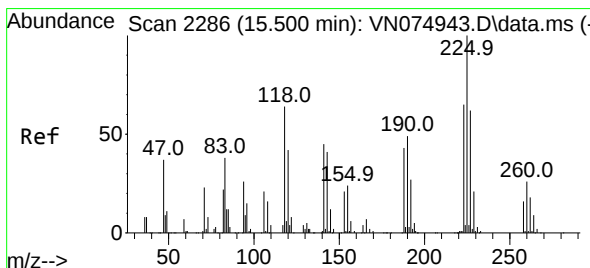
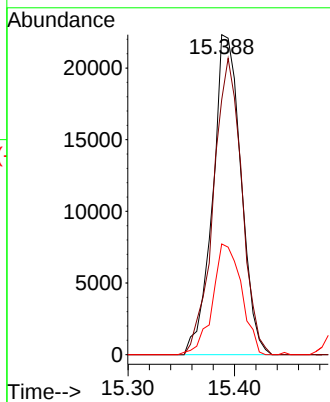
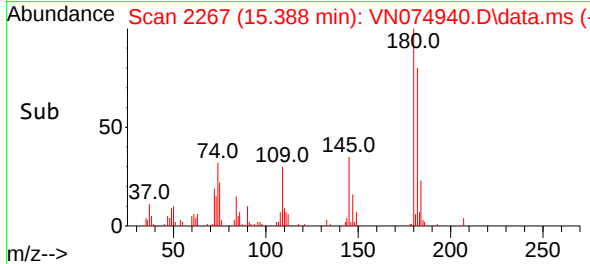
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



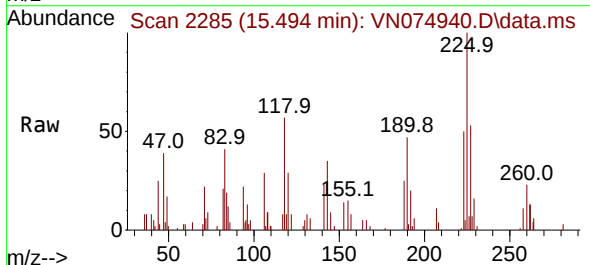
Tgt Ion:180 Resp: 41072
Ion Ratio Lower Upper
180 100
182 93.2 46.6 139.7
145 35.4 16.7 50.0

Manual Integrations
APPROVED

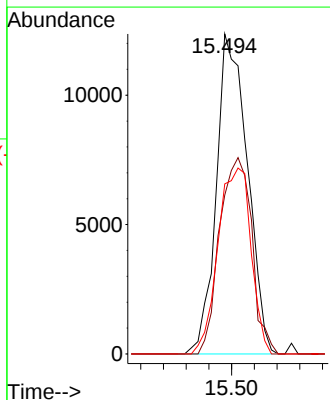
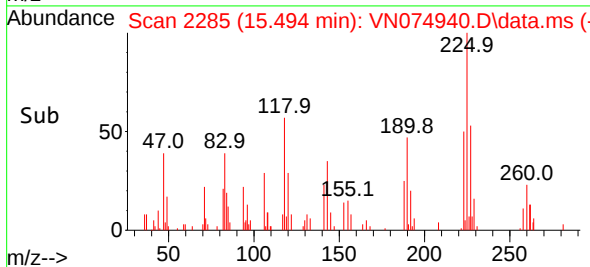
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

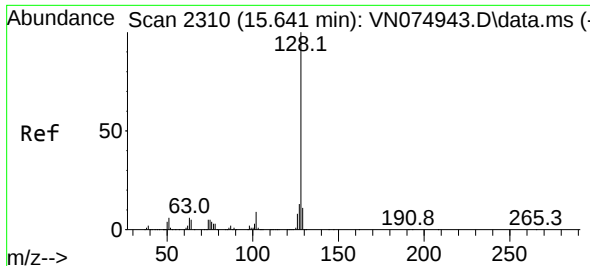


#94
Hexachlorobutadiene
Concen: 6.757 ug/l
RT: 15.494 min Scan# 2285
Delta R.T. -0.006 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26



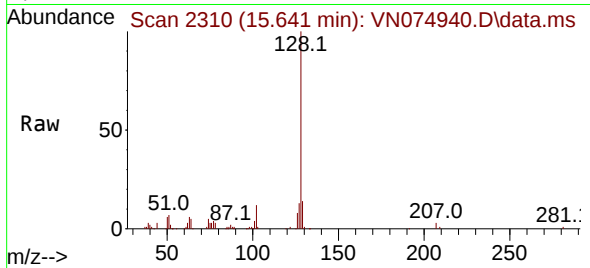
Tgt Ion:225 Resp: 23492
Ion Ratio Lower Upper
225 100
223 63.5 31.9 95.5
227 61.6 31.4 94.0





#95
Naphthalene
Concen: 5.725 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. 0.000 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26

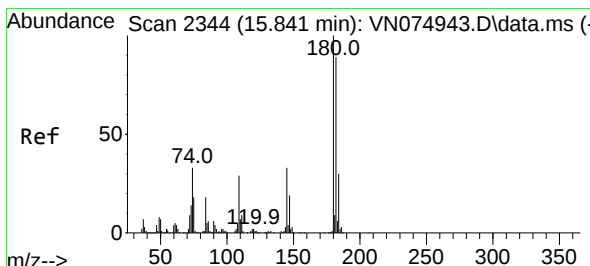
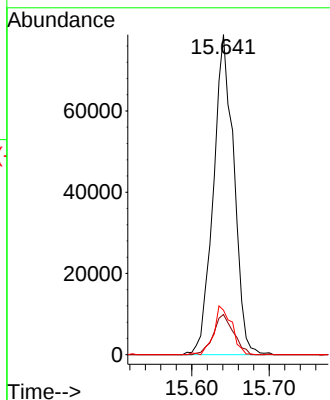
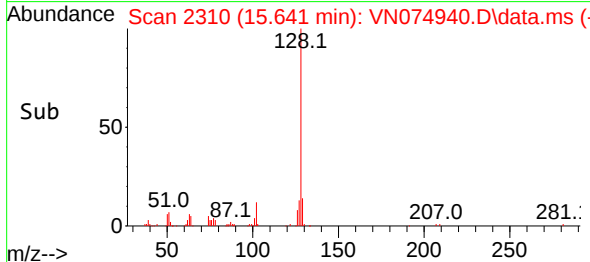
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:128 Resp: 145264
Ion Ratio Lower Upper
128 100
127 12.4 10.4 15.6
129 13.3 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#96
1,2,3-Trichlorobenzene
Concen: 5.808 ug/l
RT: 15.847 min Scan# 2345
Delta R.T. 0.006 min
Lab File: VN074940.D
Acq: 20 Oct 2022 14:26

Tgt Ion:180 Resp: 40264
Ion Ratio Lower Upper
180 100
182 93.0 46.7 140.1
145 35.0 17.2 51.5

