

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020923\
 Data File : VD075284.D
 Acq On : 09 Feb 2023 09:43
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 10 01:57:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 04:26:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	54142	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	88629	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	81062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	40484	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	31973	50.362	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.720%	
35) Dibromofluoromethane	7.810	113	31516	50.713	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.420%	
50) Toluene-d8	10.269	98	116504	49.433	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.860%	
62) 4-Bromofluorobenzene	12.575	95	39868	51.302	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.600%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.934	85	20378	46.528	ug/l 99
3) Chloromethane	2.146	50	35583	47.135	ug/l 93
4) Vinyl Chloride	2.281	62	38726	42.994	ug/l 98
5) Bromomethane	2.693	94	25948	45.024	ug/l 99
6) Chloroethane	2.840	64	28027	45.104	ug/l 97
7) Trichlorofluoromethane	3.175	101	51496	45.980	ug/l 99
8) Diethyl Ether	3.593	74	14113	46.876	ug/l 92
9) 1,1,2-Trichlorotrifluo...	3.963	101	31365	49.352	ug/l 98
10) Methyl Iodide	4.157	142	34554	45.111	ug/l 93
11) Tert butyl alcohol	5.051	59	7874	207.423	ug/l # 87
12) 1,1-Dichloroethene	3.940	96	29760	49.111	ug/l 99
13) Acrolein	3.804	56	4194	207.446	ug/l 91
14) Allyl chloride	4.563	41	47973	47.582	ug/l 91
15) Acrylonitrile	5.257	53	34893	250.152	ug/l 100
16) Acetone	4.028	43	44381	264.377	ug/l 92
17) Carbon Disulfide	4.269	76	85721	45.852	ug/l 100
18) Methyl Acetate	4.563	43	21424	47.884	ug/l 100
19) Methyl tert-butyl Ether	5.322	73	68722	49.396	ug/l 96
20) Methylene Chloride	4.799	84	36039	51.087	ug/l 93
21) trans-1,2-Dichloroethene	5.310	96	34074	49.690	ug/l 96
22) Diisopropyl ether	6.216	45	103164	51.443	ug/l 98
23) Vinyl Acetate	6.157	43	225941	327.073	ug/l 97
24) 1,1-Dichloroethane	6.116	63	62228	49.771	ug/l 99
25) 2-Butanone	7.081	43	51473	247.462	ug/l 95
26) 2,2-Dichloropropane	7.075	77	54604	49.340	ug/l 98
27) cis-1,2-Dichloroethene	7.081	96	38873	50.670	ug/l 98
28) Bromochloromethane	7.428	49	16896	54.515	ug/l 94
29) Tetrahydrofuran	7.445	42	27881	248.921	ug/l 97
30) Chloroform	7.598	83	65419	50.835	ug/l 97
31) Cyclohexane	7.881	56	50835	45.094	ug/l 97
32) 1,1,1-Trichloroethane	7.793	97	58554	50.867	ug/l 100
36) 1,1-Dichloropropene	8.004	75	48672	50.276	ug/l 98
37) Ethyl Acetate	7.169	43	18629	44.122	ug/l 97
38) Carbon Tetrachloride	7.992	117	46082	51.370	ug/l 97
39) Methylcyclohexane	9.275	83	55878	49.866	ug/l 97
40) Benzene	8.251	78	137328	50.472	ug/l 97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.398	41	11825	46.949	ug/l	93
42) 1,2-Dichloroethane	8.328	62	39674	50.365	ug/l	100
43) Isopropyl Acetate	8.357	43	39886	49.440	ug/l	97
44) Trichloroethene	9.028	130	35825	47.765	ug/l	96
45) 1,2-Dichloropropane	9.304	63	35085	50.774	ug/l	98
46) Dibromomethane	9.392	93	18821	49.150	ug/l	97
47) Bromodichloromethane	9.587	83	48509	50.899	ug/l	99
48) Methyl methacrylate	9.381	41	20054	52.342	ug/l	95
49) 1,4-Dioxane	9.387	88	3472	951.710	ug/l	91
51) 4-Methyl-2-Pentanone	10.163	43	103588	253.980	ug/l	95
52) Toluene	10.334	92	86555	50.506	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	43956	53.247	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	53102	53.802	ug/l #	90
55) 1,1,2-Trichloroethane	10.734	97	25473	52.111	ug/l	98
56) Ethyl methacrylate	10.598	69	29397	51.729	ug/l	94
57) 1,3-Dichloropropane	10.881	76	42790	51.385	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	44484	266.504	ug/l	99
59) 2-Hexanone	10.922	43	75923	254.796	ug/l	96
60) Dibromochloromethane	11.075	129	32080	52.969	ug/l	99
61) 1,2-Dibromoethane	11.181	107	23656	50.188	ug/l	99
64) Tetrachloroethene	10.810	164	29944	47.962	ug/l	97
65) Chlorobenzene	11.610	112	91662	50.141	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.681	131	33876	50.898	ug/l	97
67) Ethyl Benzene	11.686	91	170117	50.405	ug/l	99
68) m/p-Xylenes	11.792	106	129805	101.109	ug/l	97
69) o-Xylene	12.122	106	61134	50.979	ug/l	96
70) Styrene	12.133	104	103898	51.147	ug/l	98
71) Bromoform	12.298	173	17858	49.952	ug/l #	100
73) Isopropylbenzene	12.422	105	166266	50.696	ug/l	99
74) N-amyl acetate	12.233	43	37441	50.803	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	28272	49.549	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	35454	77.101	ug/l #	100
77) Bromobenzene	12.704	156	37591	50.617	ug/l	98
78) n-propylbenzene	12.763	91	206064	50.495	ug/l	98
79) 2-Chlorotoluene	12.851	91	111834	49.961	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	139580	51.114	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	6653	47.090	ug/l #	79
82) 4-Chlorotoluene	12.951	91	117363	50.262	ug/l	99
83) tert-Butylbenzene	13.169	119	120323	51.109	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	139121	51.008	ug/l	97
85) sec-Butylbenzene	13.345	105	186113	51.532	ug/l	97
86) p-Isopropyltoluene	13.463	119	153291	51.886	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	76042	50.659	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	73634	49.024	ug/l	99
89) n-Butylbenzene	13.786	91	147897	51.277	ug/l	98
90) Hexachloroethane	14.057	117	28639	49.170	ug/l	99
91) 1,2-Dichlorobenzene	13.833	146	64681	49.662	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.451	75	4283	48.395	ug/l	100
93) 1,2,4-Trichlorobenzene	15.104	180	41392	50.744	ug/l	99
94) Hexachlorobutadiene	15.204	225	21469	49.886	ug/l	98
95) Naphthalene	15.333	128	74255	48.908	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	34446	48.943	ug/l	98

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QLast Update : Wed Feb 08 04:26:58 2023
Response via : Initial Calibration

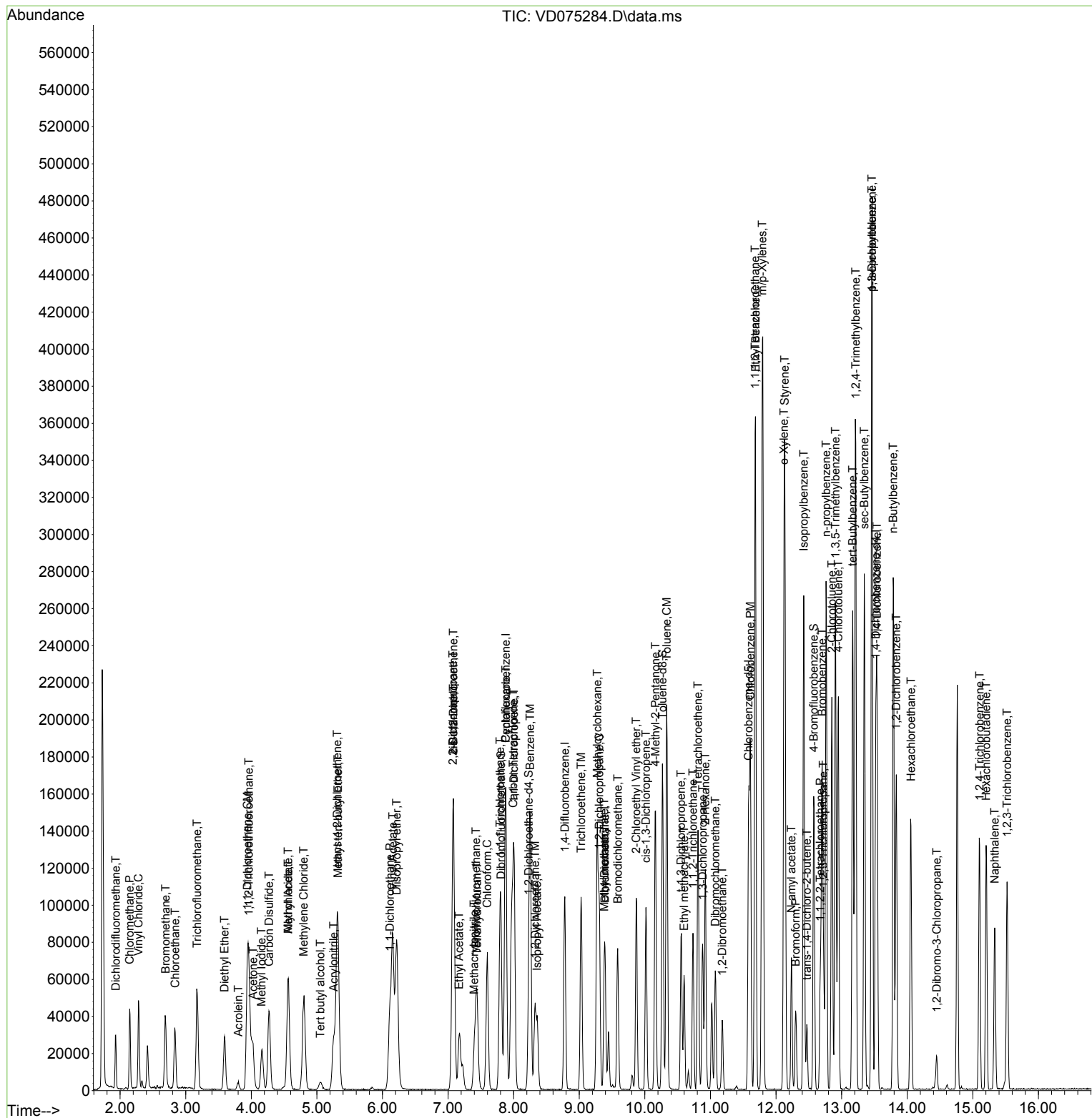
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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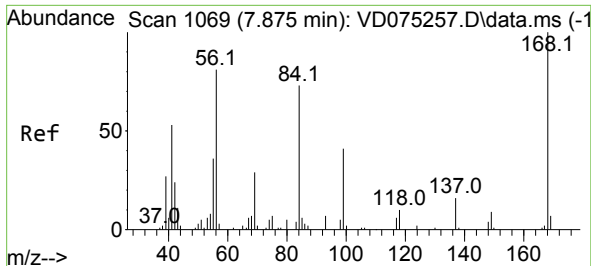
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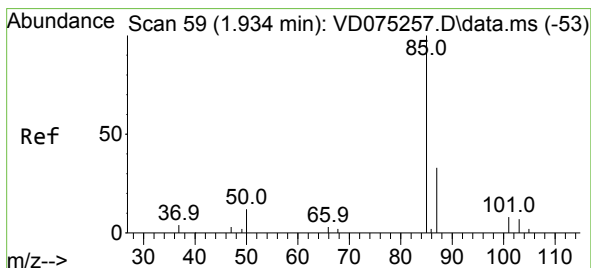
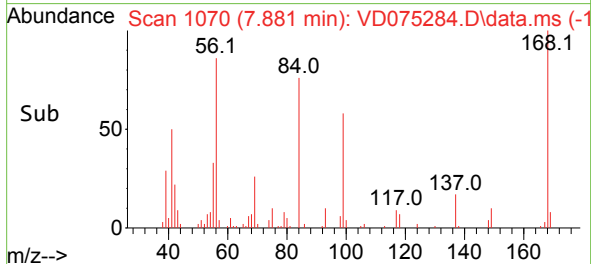
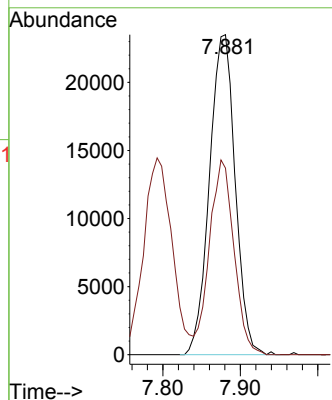
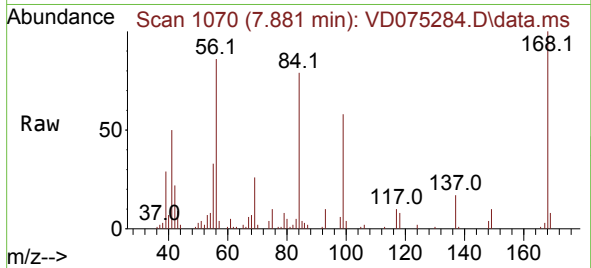




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
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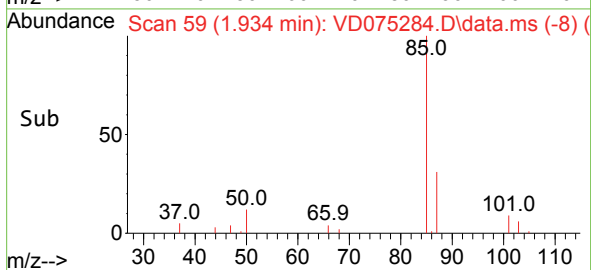
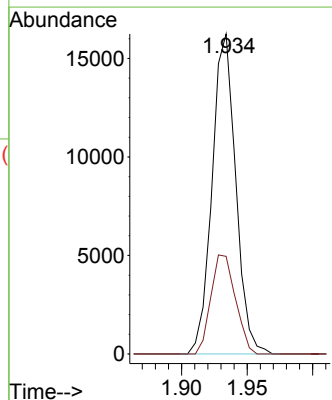
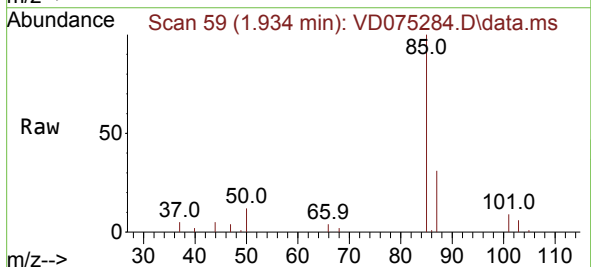
Instrument :
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VSTDCCC050

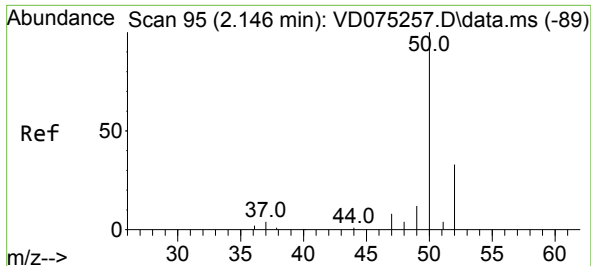
Tgt Ion:168 Resp: 54142
Ion Ratio Lower Upper
168 100
99 58.3 45.2 67.8



#2
Dichlorodifluoromethane
Concen: 46.528 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD075284.D
Acq: 09 Feb 2023 09:43

Tgt Ion: 85 Resp: 20378
Ion Ratio Lower Upper
85 100
87 30.5 15.7 47.0

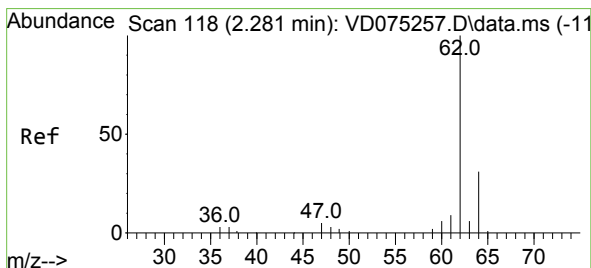
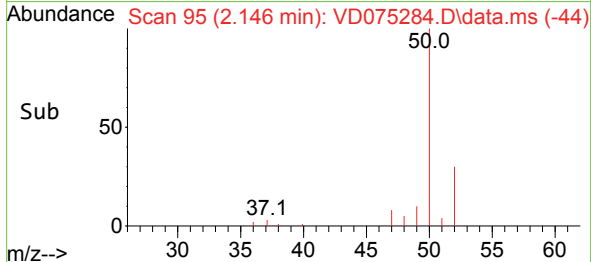
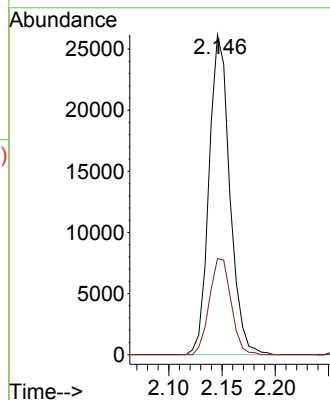
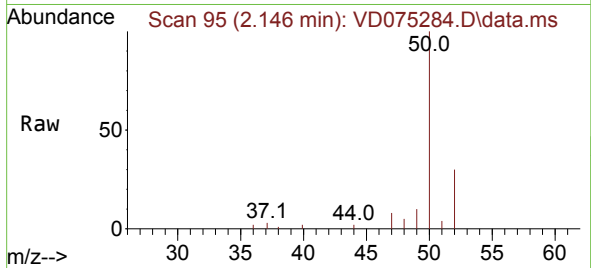




#3
Chloromethane
Concen: 47.135 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075284.D
Acq: 09 Feb 2023 09:43

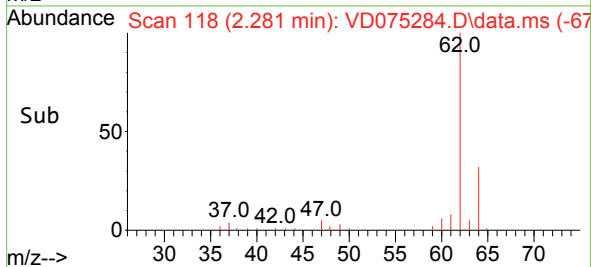
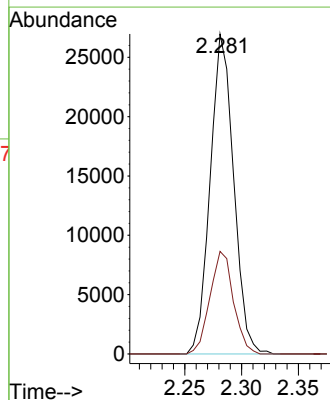
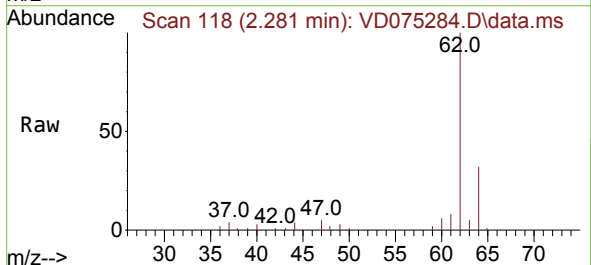
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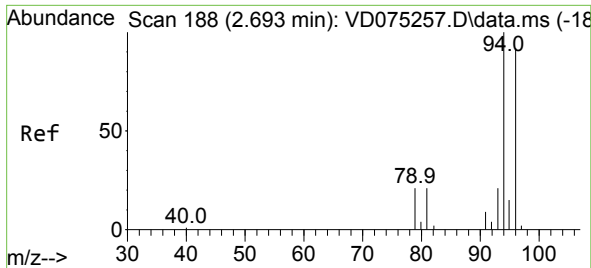
Tgt Ion: 50 Resp: 35583
Ion Ratio Lower Upper
50 100
52 30.0 27.0 40.6



#4
Vinyl Chloride
Concen: 42.994 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD075284.D
Acq: 09 Feb 2023 09:43

Tgt Ion: 62 Resp: 38726
Ion Ratio Lower Upper
62 100
64 32.0 24.8 37.2

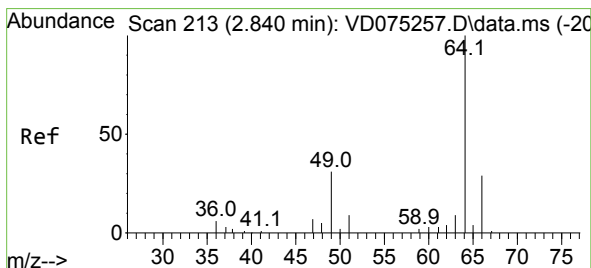
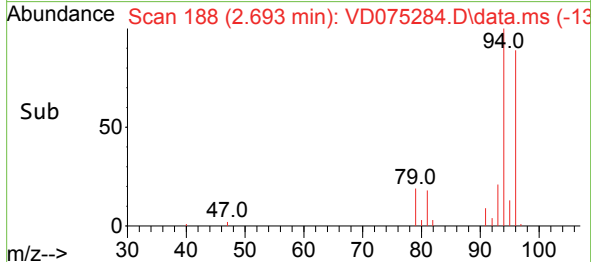
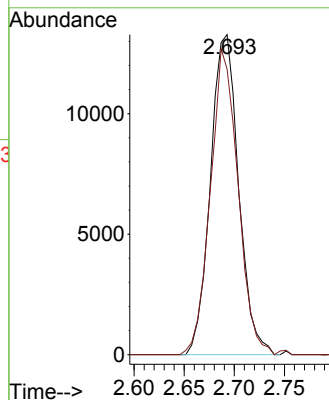
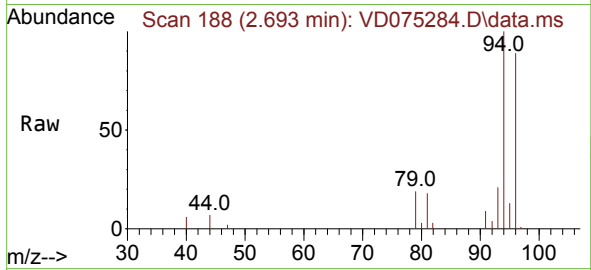




#5
Bromomethane
Concen: 45.024 ug/l
RT: 2.693 min Scan# 188
Delta R.T. -0.000 min
Lab File: VD075284.D
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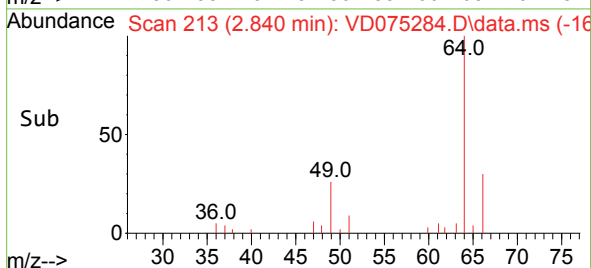
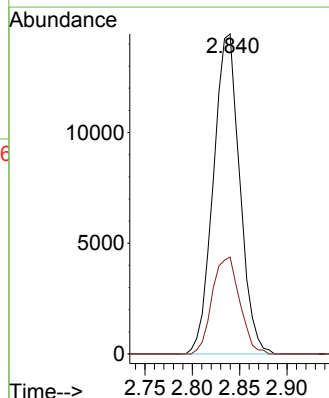
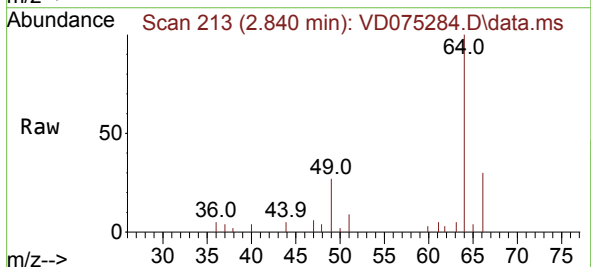
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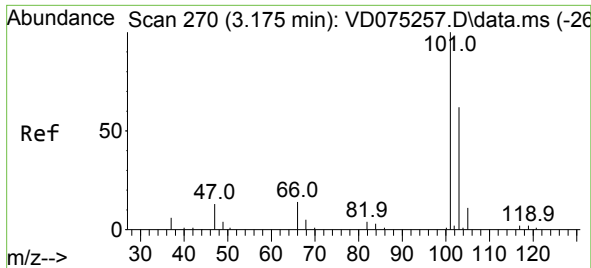
Tgt Ion: 94 Resp: 25948
Ion Ratio Lower Upper
94 100
96 94.2 74.8 112.2



#6
Chloroethane
Concen: 45.104 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD075284.D
Acq: 09 Feb 2023 09:43

Tgt Ion: 64 Resp: 28027
Ion Ratio Lower Upper
64 100
66 30.3 25.4 38.2

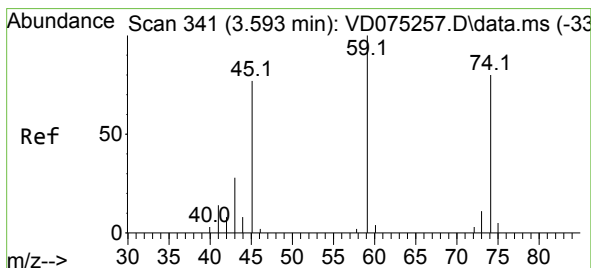
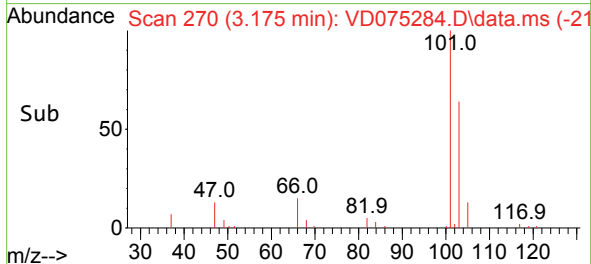
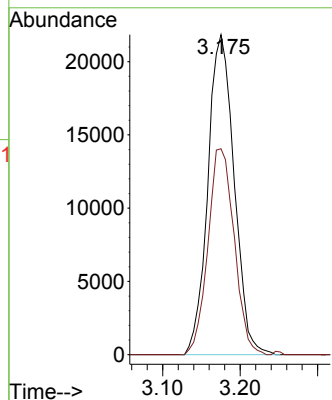
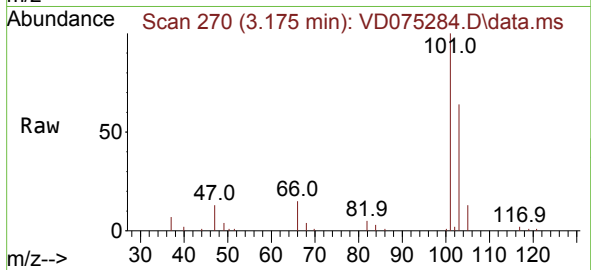




#7
Trichlorofluoromethane
Concen: 45.980 ug/l
RT: 3.175 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD075284.D
Acq: 09 Feb 2023 09:43

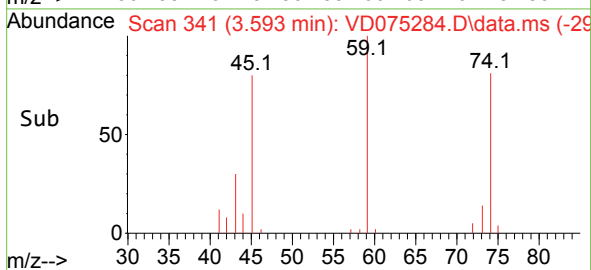
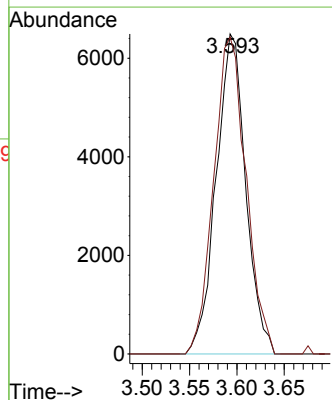
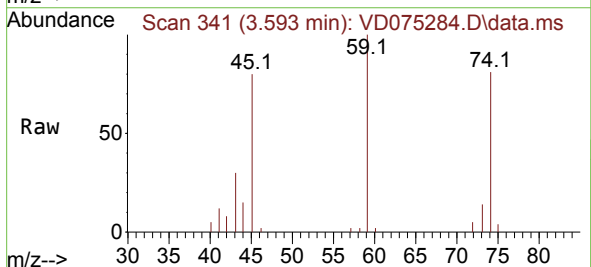
Instrument :
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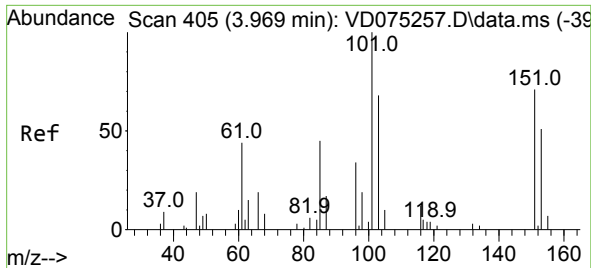
Tgt Ion:101 Resp: 51496
Ion Ratio Lower Upper
101 100
103 64.3 52.2 78.4



#8
Diethyl Ether
Concen: 46.876 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD075284.D
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Tgt Ion: 74 Resp: 14113
Ion Ratio Lower Upper
74 100
45 107.9 49.8 149.3

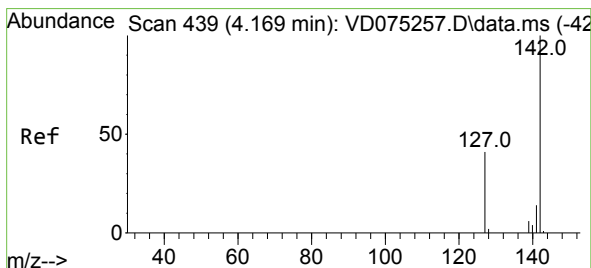
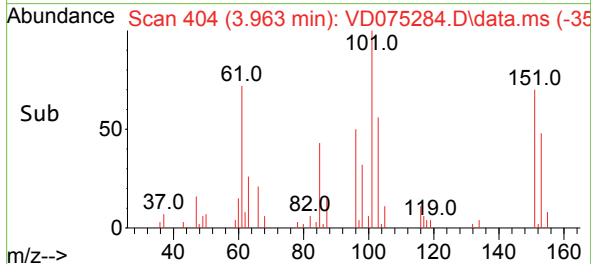
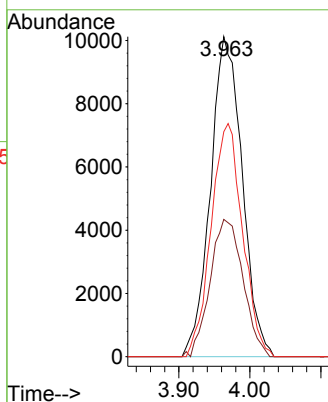
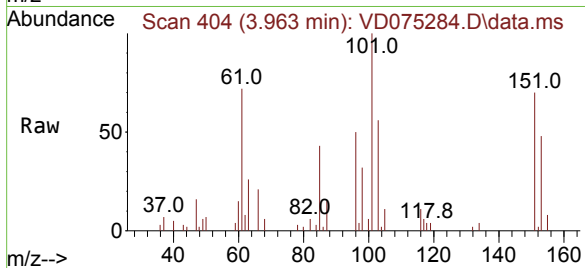




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.352 ug/l
RT: 3.963 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD075284.D
Acq: 09 Feb 2023 09:43

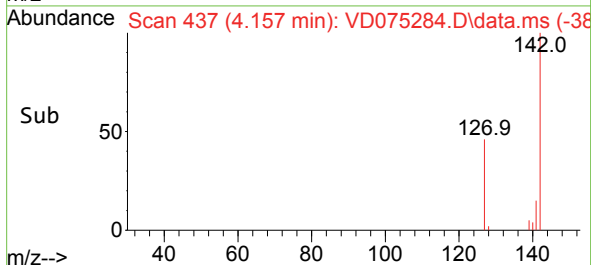
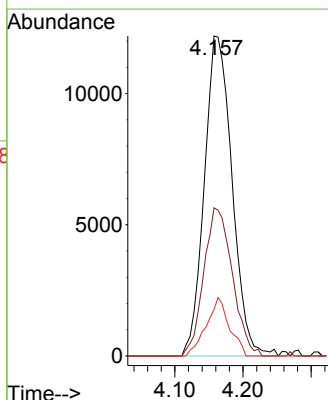
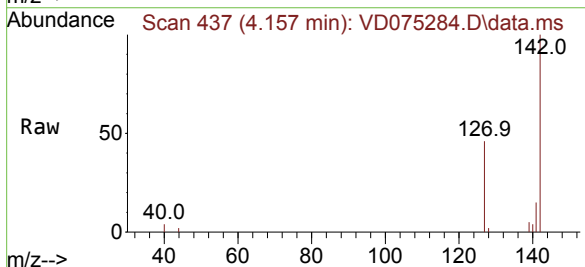
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

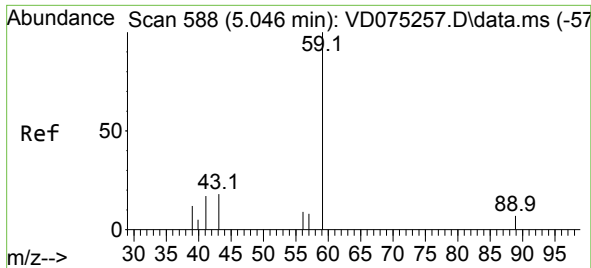
Tgt Ion:101	Resp:	31365
Ion	Ratio	Lower Upper
101	100	
85	44.5	36.9 55.3
151	72.2	58.9 88.3



#10
Methyl Iodide
Concen: 45.111 ug/l
RT: 4.157 min Scan# 437
Delta R.T. -0.012 min
Lab File: VD075284.D
Acq: 09 Feb 2023 09:43

Tgt Ion:142	Resp:	34554
Ion	Ratio	Lower Upper
142	100	
127	47.6	33.6 50.4
141	15.2	11.1 16.7

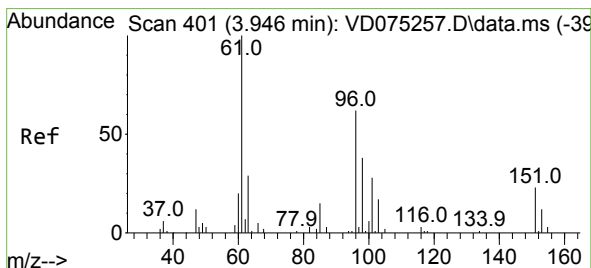
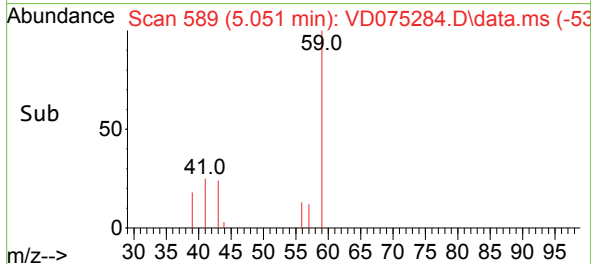
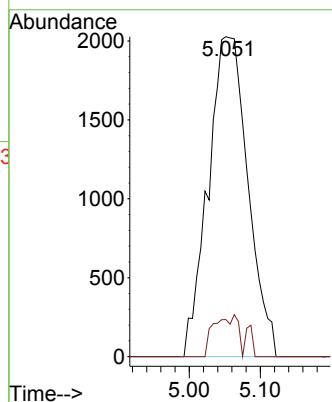
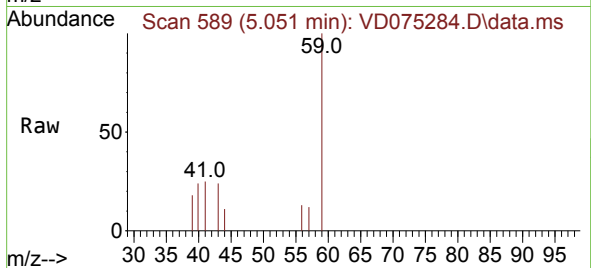




#11
Tert butyl alcohol
Concen: 207.423 ug/l
RT: 5.051 min Scan# 51
Delta R.T. 0.005 min
Lab File: VD075284.D
Acq: 09 Feb 2023 09:43

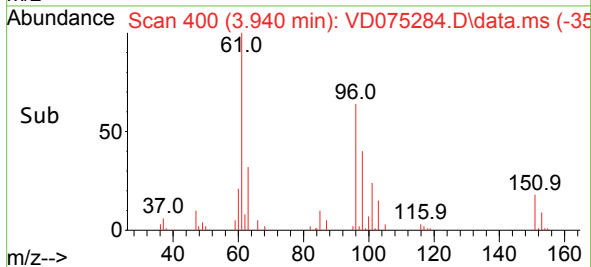
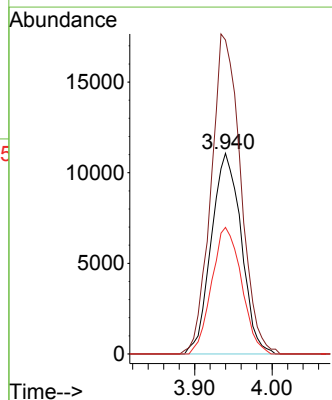
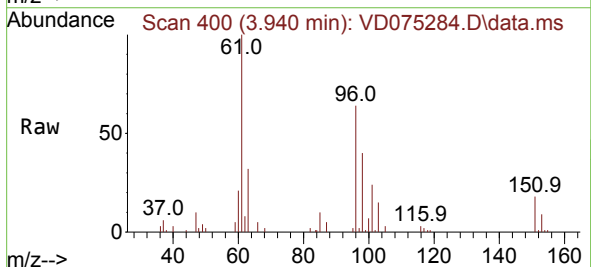
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

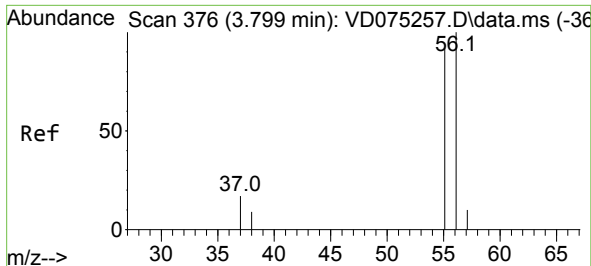
Tgt Ion: 59 Resp: 7874
Ion Ratio Lower Upper
59 100
57 7.9 2.9 4.3#



#12
1,1-Dichloroethene
Concen: 49.111 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.006 min
Lab File: VD075284.D
Acq: 09 Feb 2023 09:43

Tgt Ion: 96 Resp: 29760
Ion Ratio Lower Upper
96 100
61 156.5 126.8 190.2
98 63.1 50.4 75.6

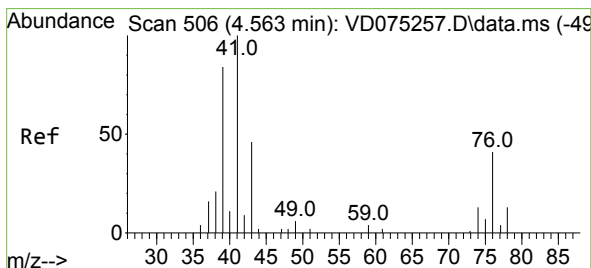
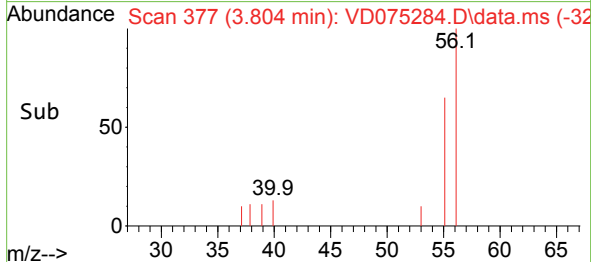
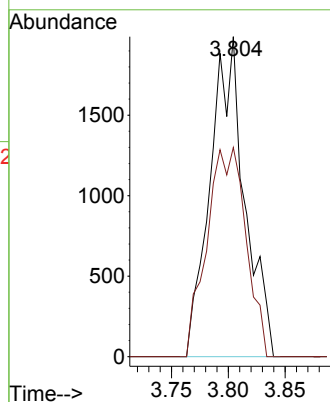
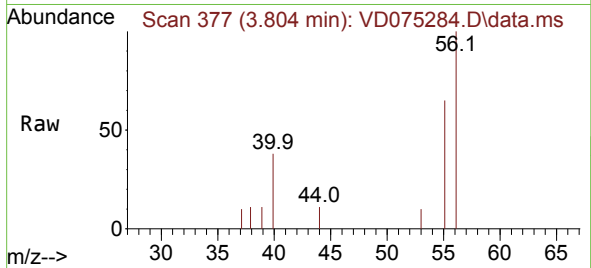




#13
Acrolein
Concen: 207.446 ug/l
RT: 3.804 min Scan# 31
Delta R.T. 0.005 min
Lab File: VD075284.D
Acq: 09 Feb 2023 09:43

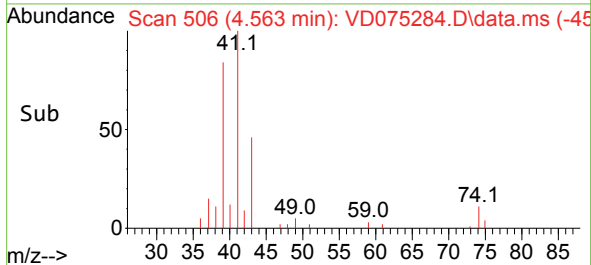
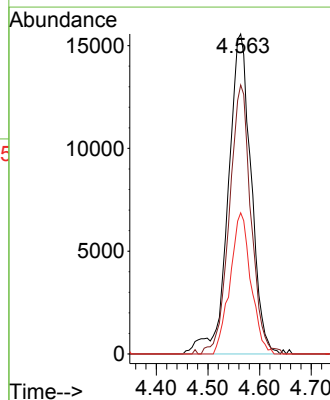
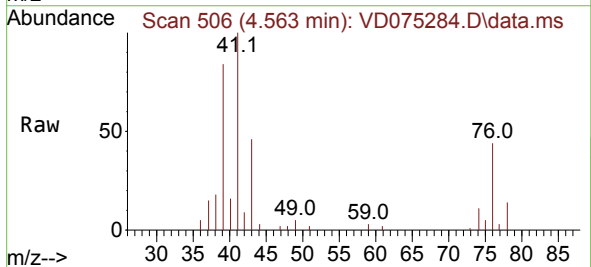
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

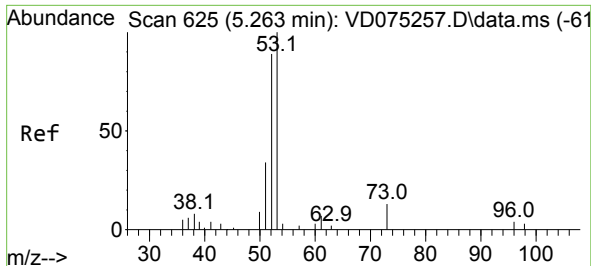
Tgt Ion: 56 Resp: 4194
Ion Ratio Lower Upper
56 100
55 73.9 53.0 79.6



#14
Allyl chloride
Concen: 47.582 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD075284.D
Acq: 09 Feb 2023 09:43

Tgt Ion: 41 Resp: 47973
Ion Ratio Lower Upper
41 100
39 79.2 55.4 83.0
76 39.9 30.2 45.2

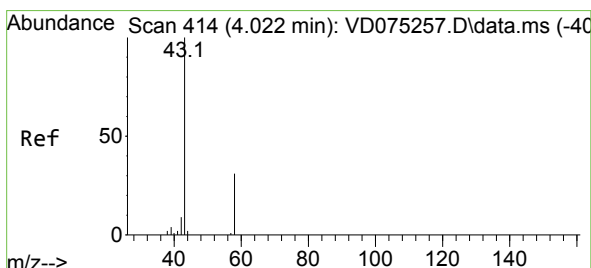
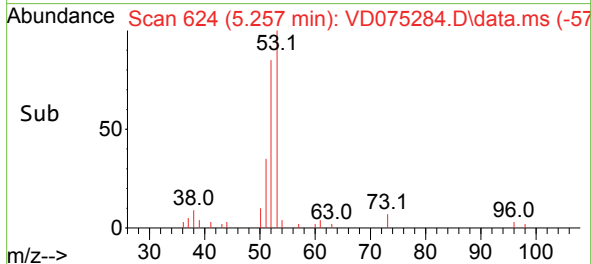
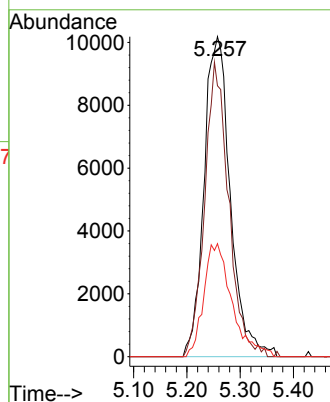
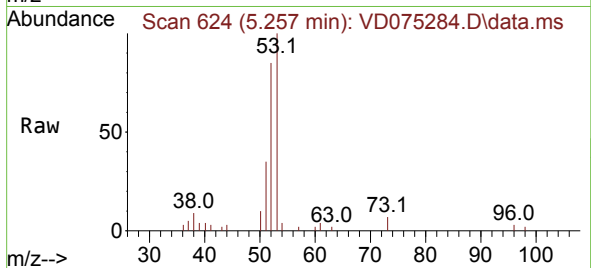




#15
Acrylonitrile
Concen: 250.152 ug/l
RT: 5.257 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD075284.D
Acq: 09 Feb 2023 09:43

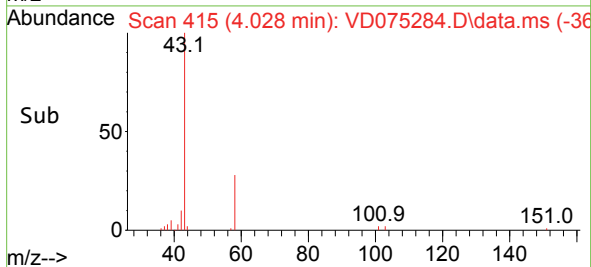
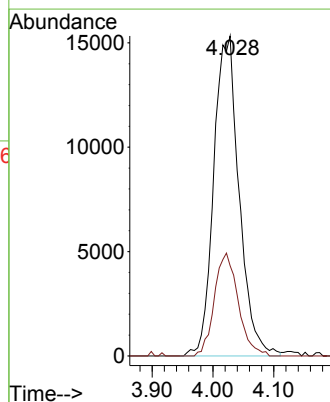
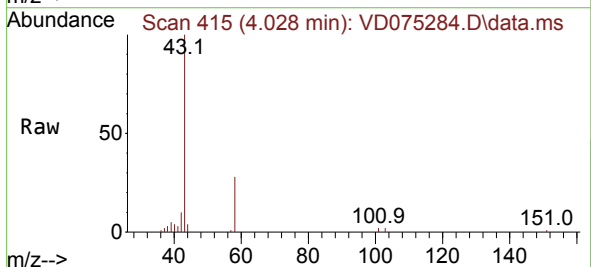
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

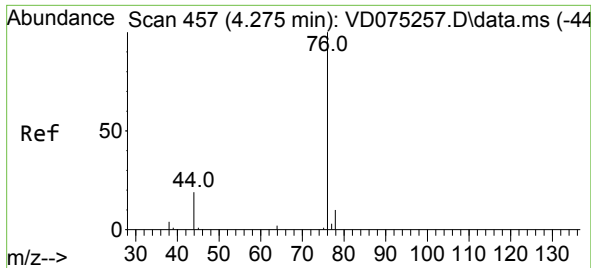
Tgt Ion:	53	Resp:	34893
Ion	Ratio	Lower	Upper
53	100		
52	84.0	67.0	100.6
51	37.8	30.1	45.1



#16
Acetone
Concen: 264.377 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD075284.D
Acq: 09 Feb 2023 09:43

Tgt Ion:	43	Resp:	44381
Ion	Ratio	Lower	Upper
43	100		
58	28.2	26.0	39.0

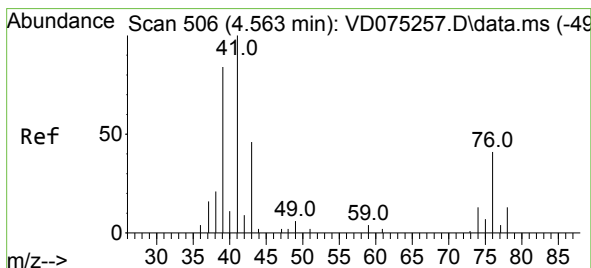
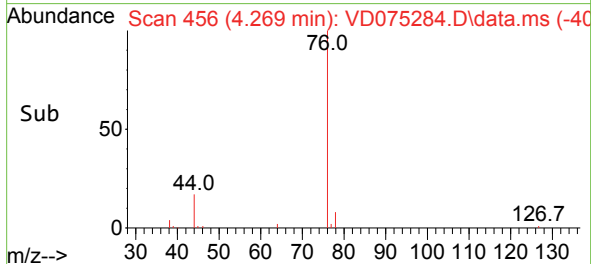
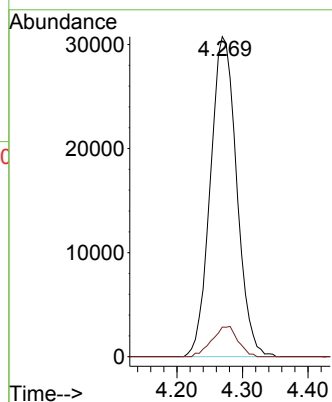
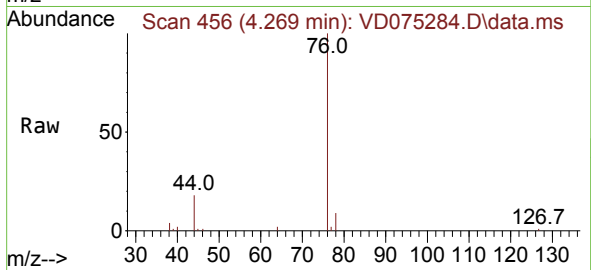




#17
Carbon Disulfide
Concen: 45.852 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD075284.D
Acq: 09 Feb 2023 09:43

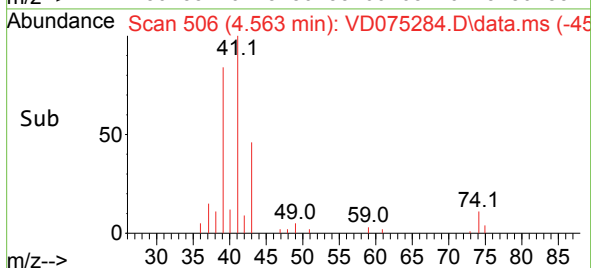
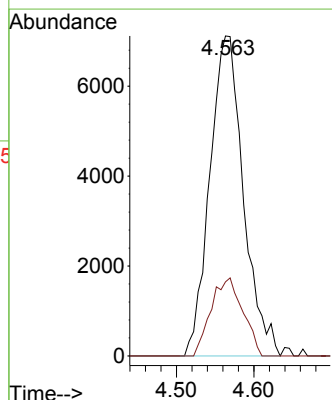
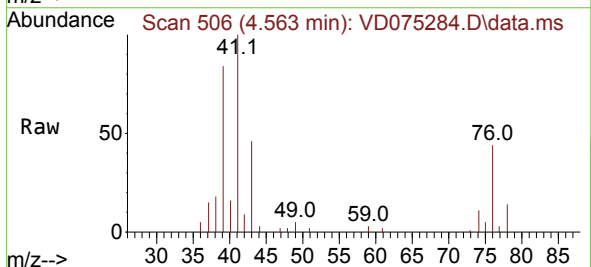
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

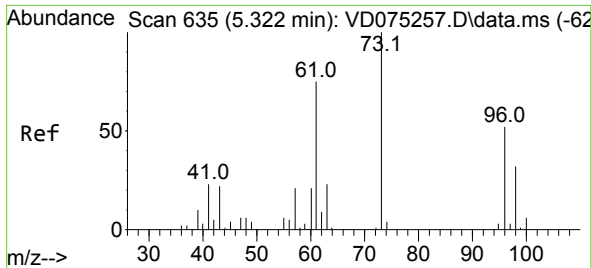
Tgt Ion: 76 Resp: 85721
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 47.884 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD075284.D
Acq: 09 Feb 2023 09:43

Tgt Ion: 43 Resp: 21424
Ion Ratio Lower Upper
43 100
74 23.1 18.5 27.7

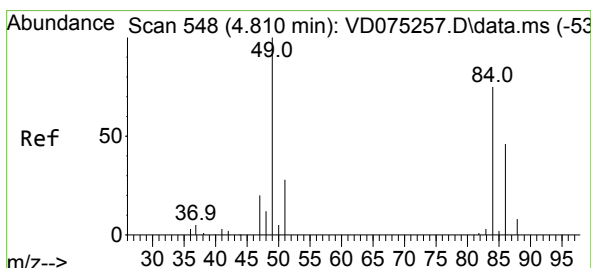
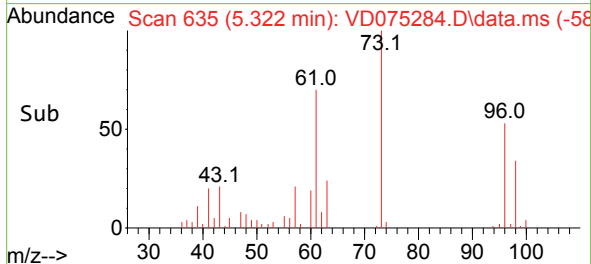
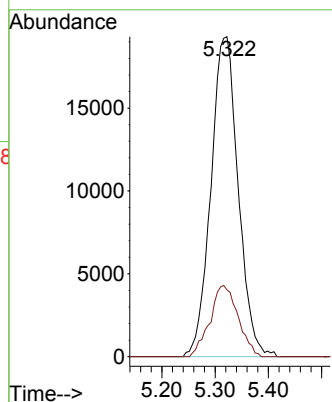
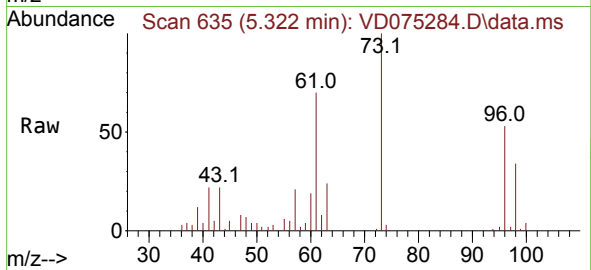




#19
Methyl tert-butyl Ether
Concen: 49.396 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD075284.D
Acq: 09 Feb 2023 09:43

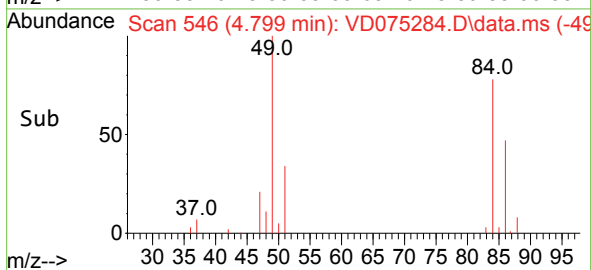
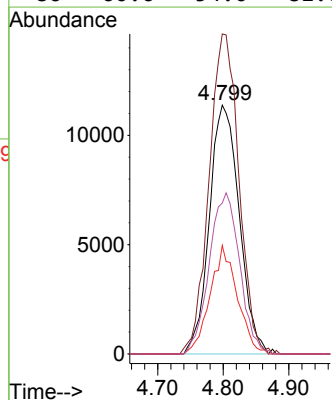
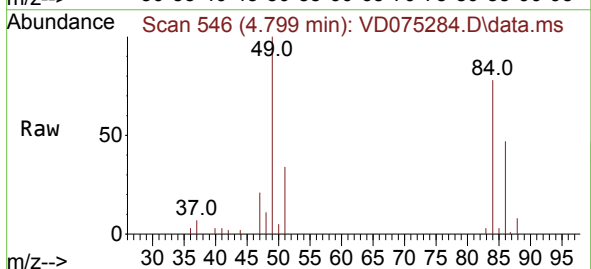
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

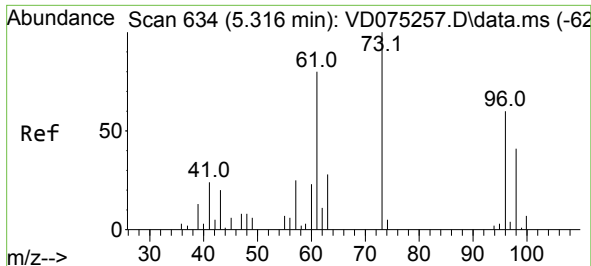
Tgt Ion: 73 Resp: 68722
Ion Ratio Lower Upper
73 100
57 20.9 18.5 27.7



#20
Methylene Chloride
Concen: 51.087 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.011 min
Lab File: VD075284.D
Acq: 09 Feb 2023 09:43

Tgt Ion: 84 Resp: 36039
Ion Ratio Lower Upper
84 100
49 128.6 97.0 145.6
51 43.6 30.9 46.3
86 60.6 54.0 81.0

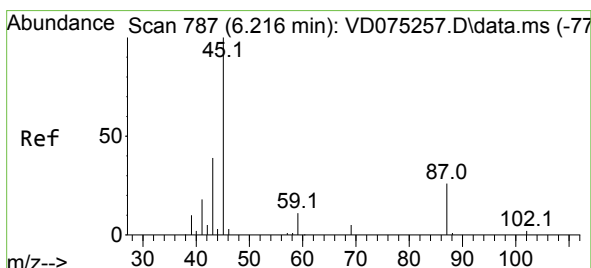
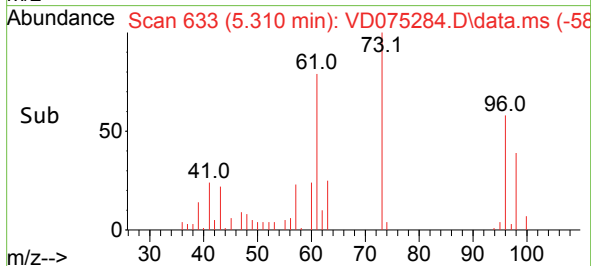
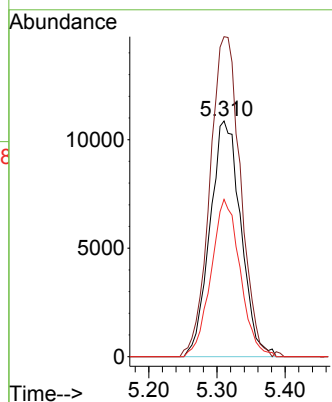
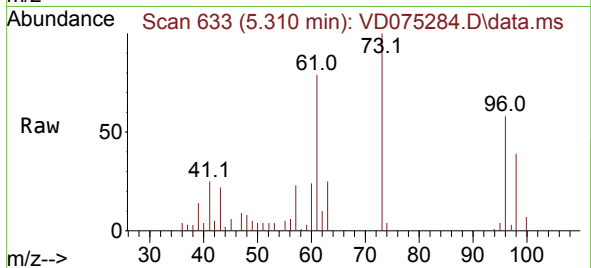




#21
trans-1,2-Dichloroethene
Concen: 49.690 ug/l
RT: 5.310 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD075284.D
Acq: 09 Feb 2023 09:43

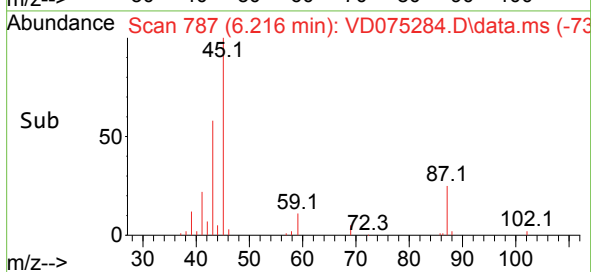
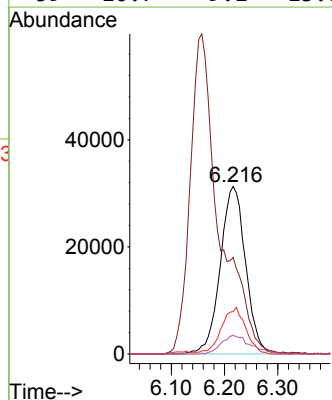
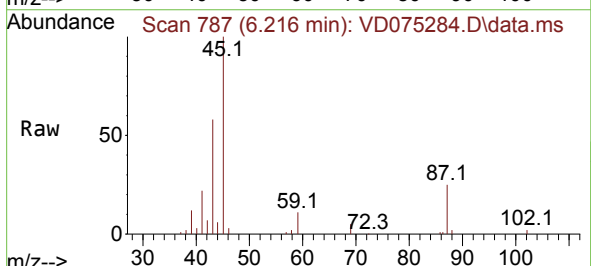
Instrument :
MSVOA_D
ClientSampleId :
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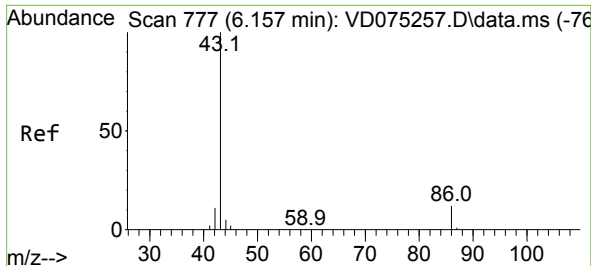
Tgt Ion: 96 Resp: 34074
Ion Ratio Lower Upper
96 100
61 135.8 105.7 158.5
98 66.7 50.4 75.6



#22
Diisopropyl ether
Concen: 51.443 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD075284.D
Acq: 09 Feb 2023 09:43

Tgt Ion: 45 Resp: 103164
Ion Ratio Lower Upper
45 100
43 56.8 45.3 67.9
87 25.3 22.1 33.1
59 10.7 9.1 13.7

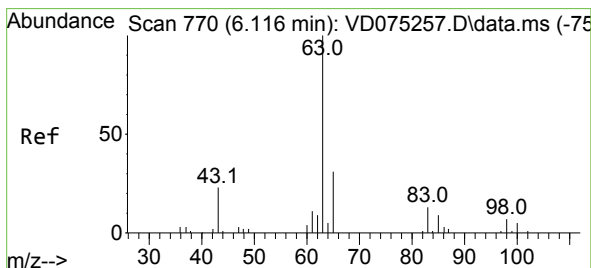
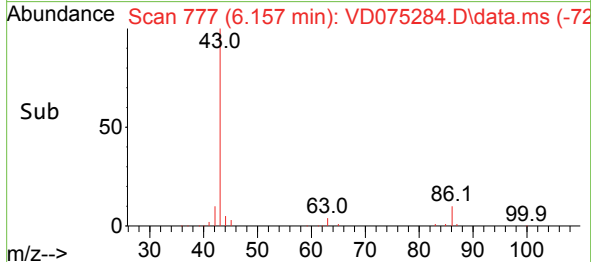
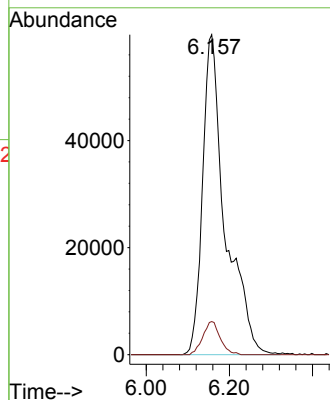
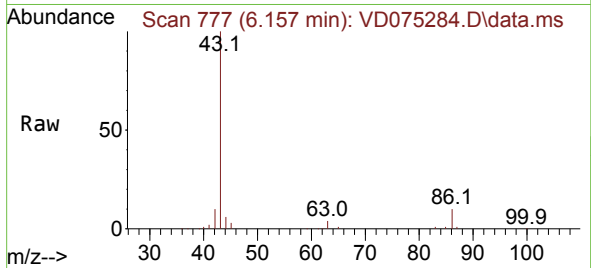




#23
 Vinyl Acetate
 Concen: 327.073 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD075284.D
 Acq: 09 Feb 2023 09:43

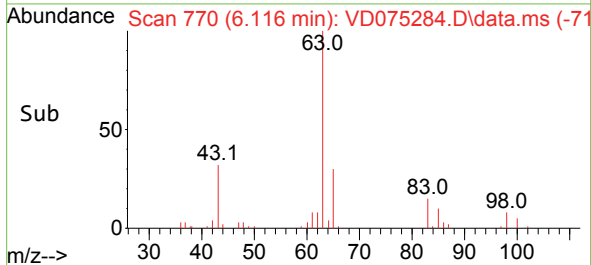
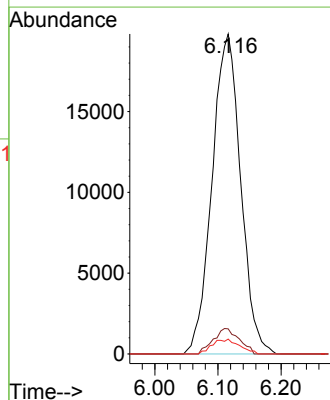
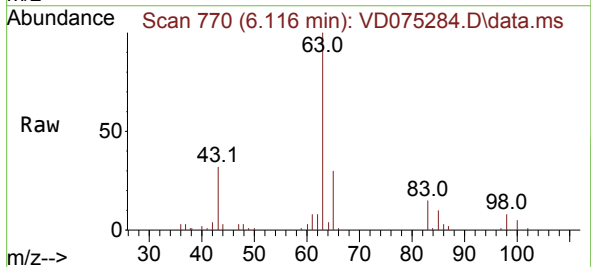
Instrument :
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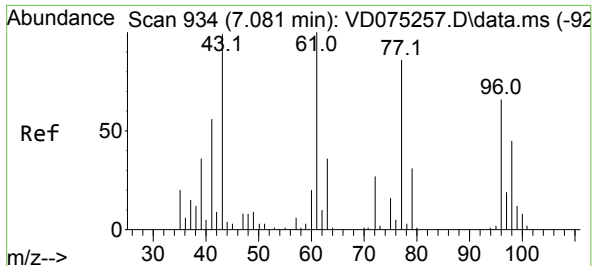
Tgt Ion: 43 Resp: 225941
 Ion Ratio Lower Upper
 43 100
 86 10.3 9.3 13.9



#24
 1,1-Dichloroethane
 Concen: 49.771 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD075284.D
 Acq: 09 Feb 2023 09:43

Tgt Ion: 63 Resp: 62228
 Ion Ratio Lower Upper
 63 100
 98 7.9 4.0 12.2
 100 4.6 2.5 7.4

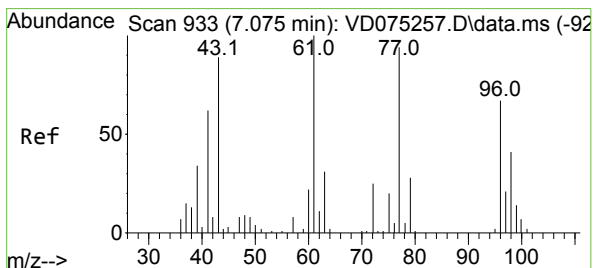
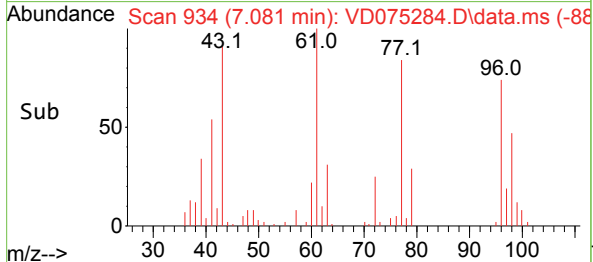
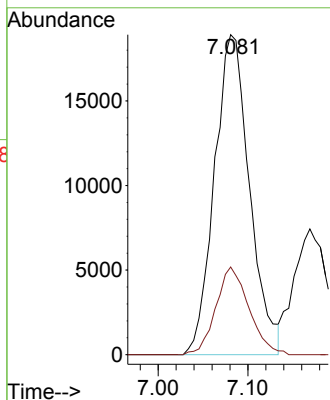
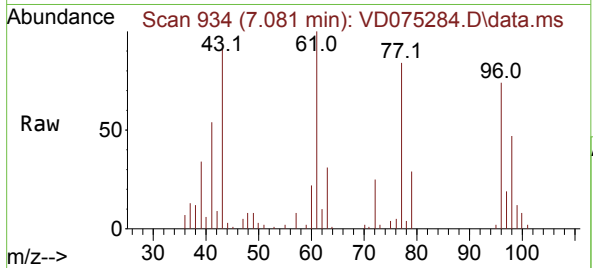




#25
2-Butanone
Concen: 247.462 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075284.D
Acq: 09 Feb 2023 09:43

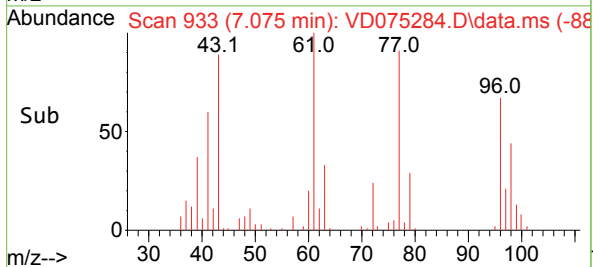
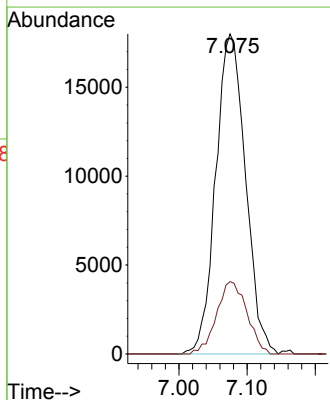
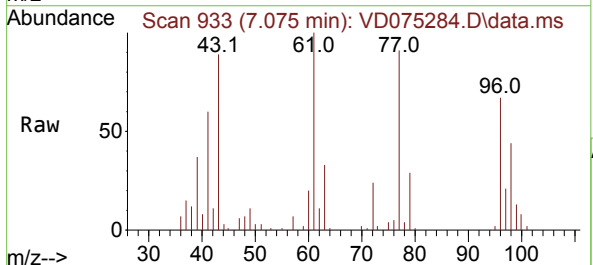
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

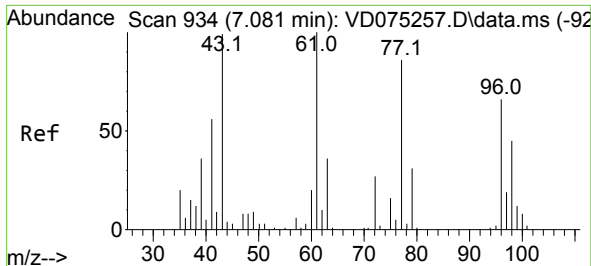
Tgt Ion: 43 Resp: 51473
Ion Ratio Lower Upper
43 100
72 27.4 19.8 29.8



#26
2,2-Dichloropropane
Concen: 49.340 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.000 min
Lab File: VD075284.D
Acq: 09 Feb 2023 09:43

Tgt Ion: 77 Resp: 54604
Ion Ratio Lower Upper
77 100
97 23.1 12.0 36.0

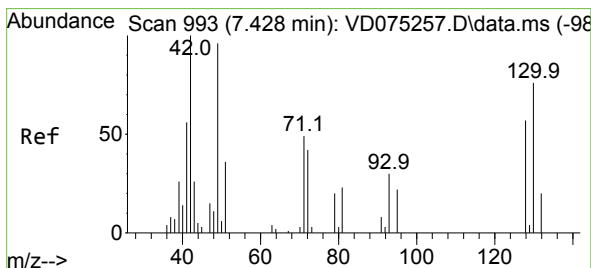
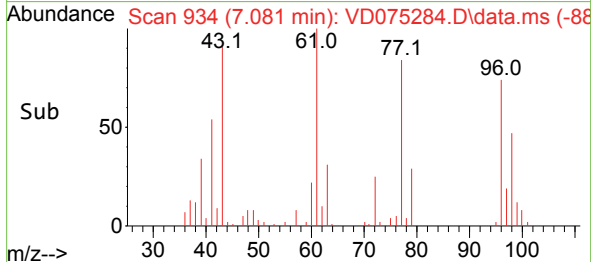
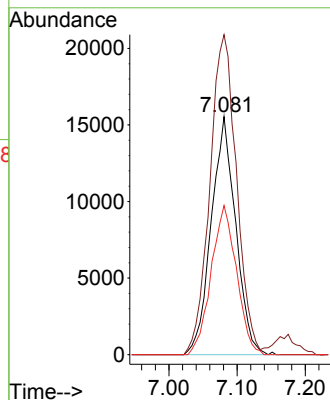
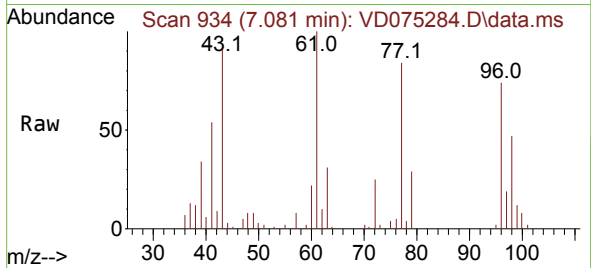




#27
 cis-1,2-Dichloroethene
 Concen: 50.670 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD075284.D
 Acq: 09 Feb 2023 09:43

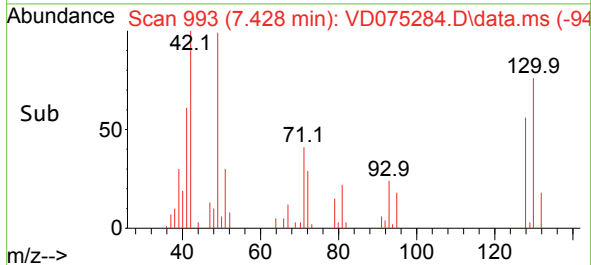
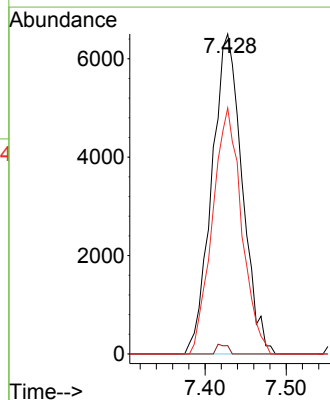
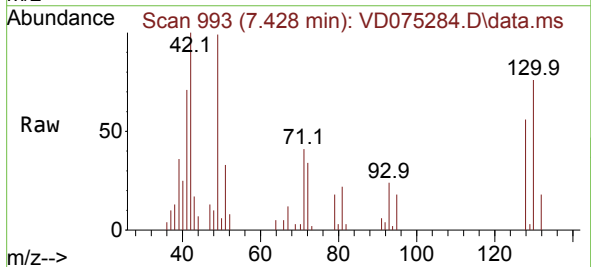
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

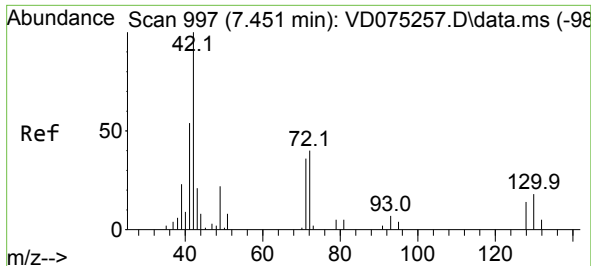
Tgt Ion: 96	Resp: 38873
Ion Ratio	Lower Upper
96 100	
61 146.4	0.0 287.4
98 64.9	0.0 129.8



#28
 Bromochloromethane
 Concen: 54.515 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. -0.000 min
 Lab File: VD075284.D
 Acq: 09 Feb 2023 09:43

Tgt Ion: 49	Resp: 16896
Ion Ratio	Lower Upper
49 100	
129 1.1	0.0 2.6
130 73.9	63.6 95.4

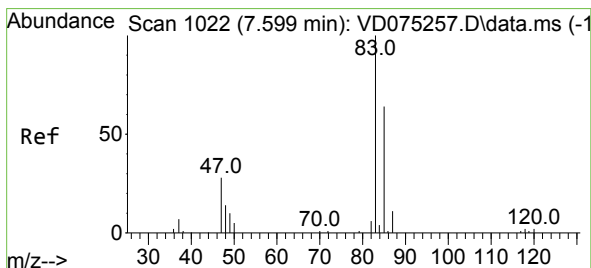
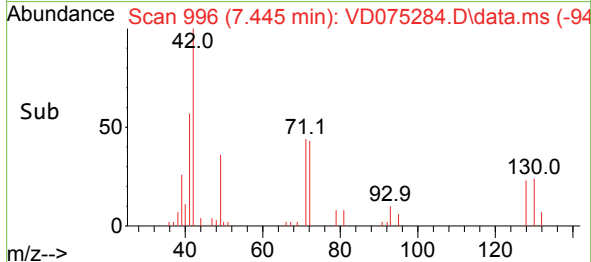
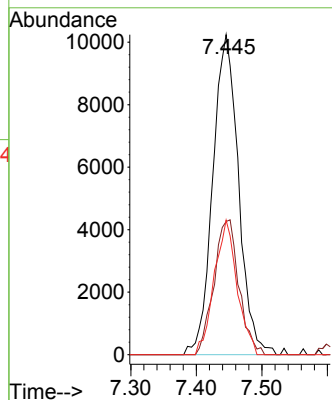
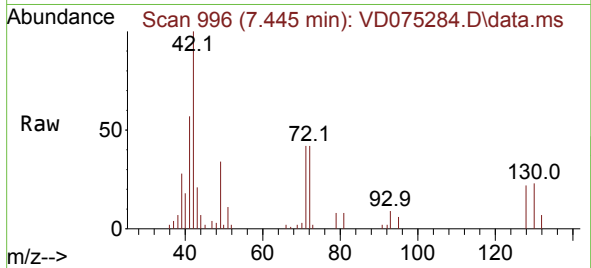




#29
Tetrahydrofuran
Concen: 248.921 ug/l
RT: 7.445 min Scan# 996
Delta R.T. -0.006 min
Lab File: VD075284.D
Acq: 09 Feb 2023 09:43

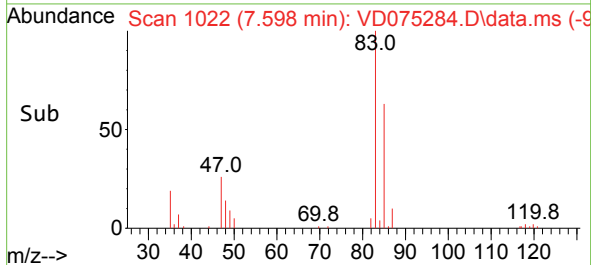
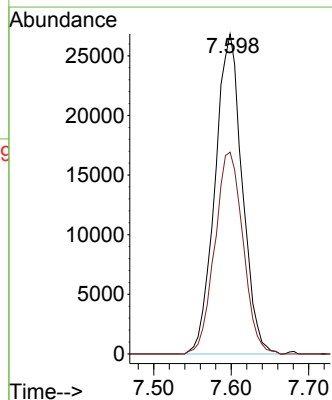
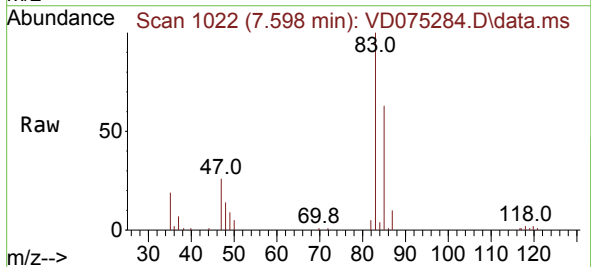
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

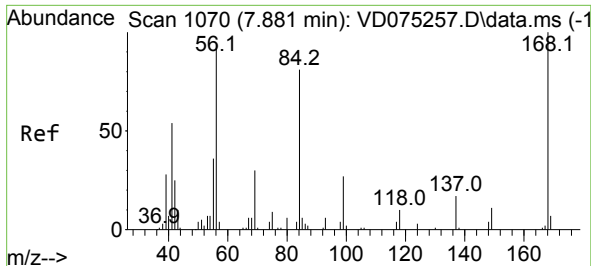
Tgt Ion:	42	Resp:	27881
Ion	Ratio	Lower	Upper
42	100		
72	40.9	33.8	50.8
71	37.3	31.6	47.4



#30
Chloroform
Concen: 50.835 ug/l
RT: 7.598 min Scan# 1022
Delta R.T. -0.001 min
Lab File: VD075284.D
Acq: 09 Feb 2023 09:43

Tgt Ion:	83	Resp:	65419
Ion	Ratio	Lower	Upper
83	100		
85	63.1	48.5	72.7

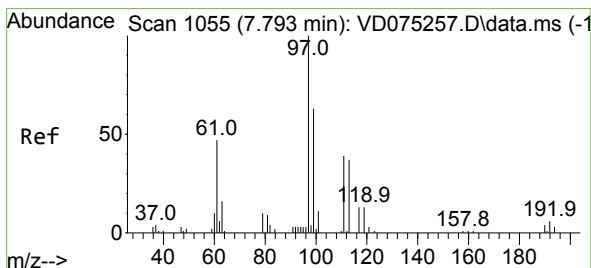
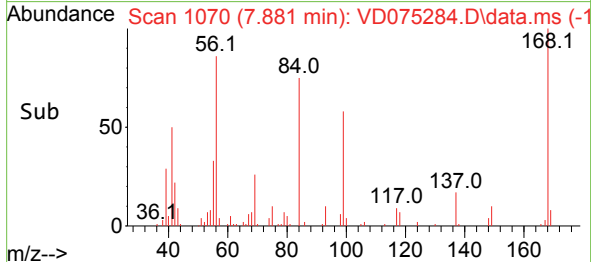
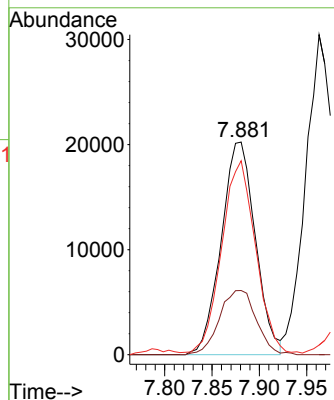
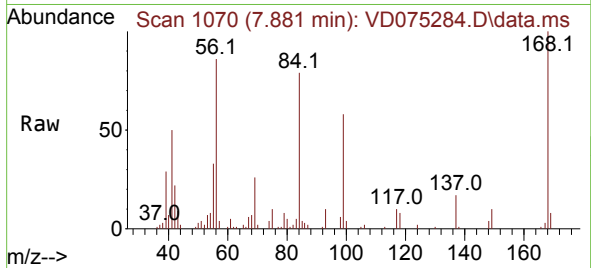




#31
Cyclohexane
Concen: 45.094 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD075284.D
Acq: 09 Feb 2023 09:43

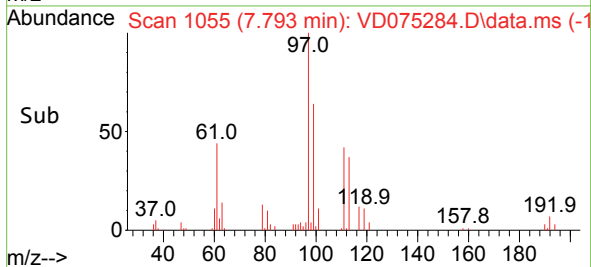
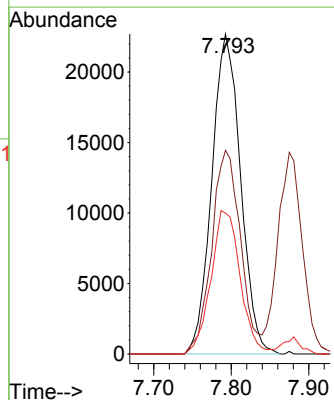
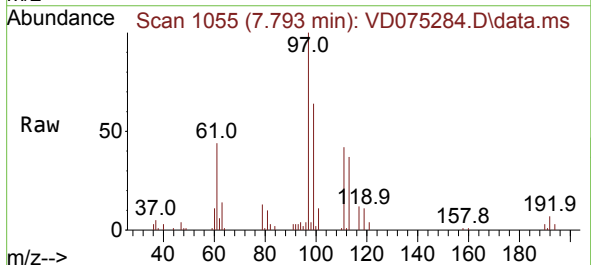
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

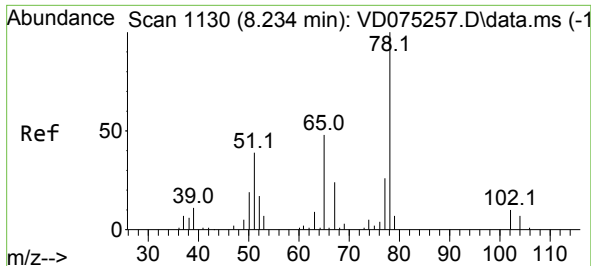
Tgt Ion: 56 Resp: 50835
Ion Ratio Lower Upper
56 100
69 30.2 26.6 40.0
84 90.2 74.1 111.1



#32
1,1,1-Trichloroethane
Concen: 50.867 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD075284.D
Acq: 09 Feb 2023 09:43

Tgt Ion: 97 Resp: 58554
Ion Ratio Lower Upper
97 100
99 64.1 51.7 77.5
61 45.6 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 50.362 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD075284.D

Acq: 09 Feb 2023 09:43

Instrument :

MSVOA_D

ClientSampleId :

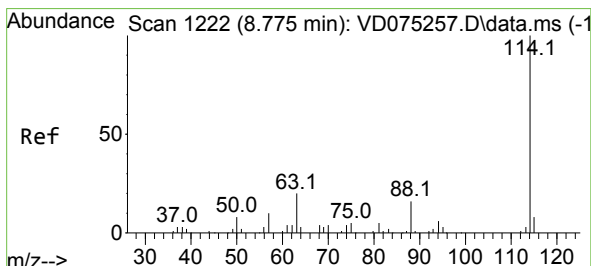
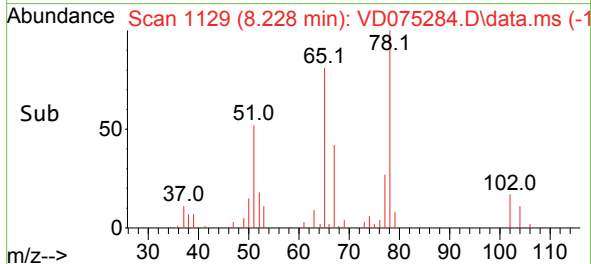
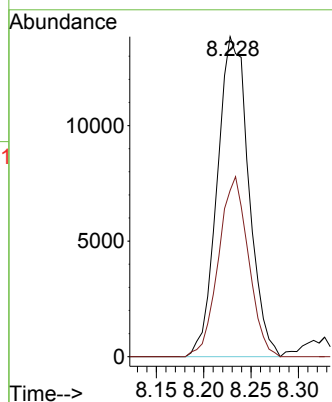
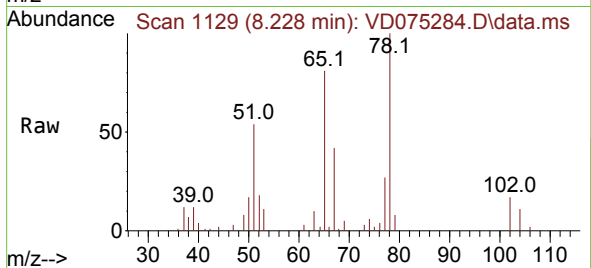
VSTDCCC050

Tgt Ion: 65 Resp: 31973

Ion Ratio Lower Upper

65 100

67 53.5 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD075284.D

Acq: 09 Feb 2023 09:43

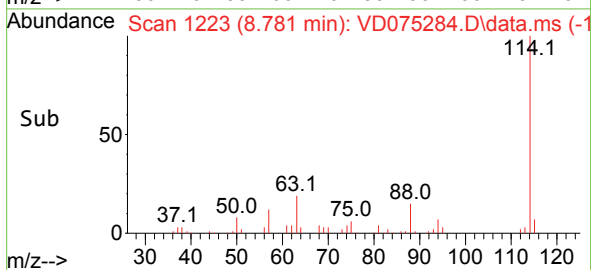
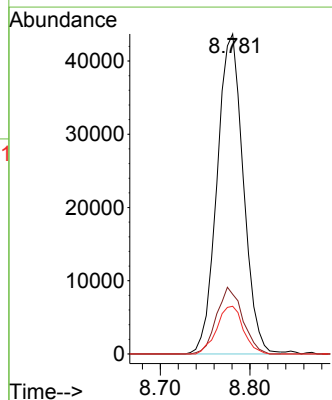
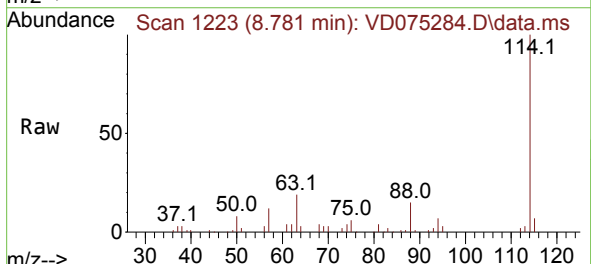
Tgt Ion: 114 Resp: 88629

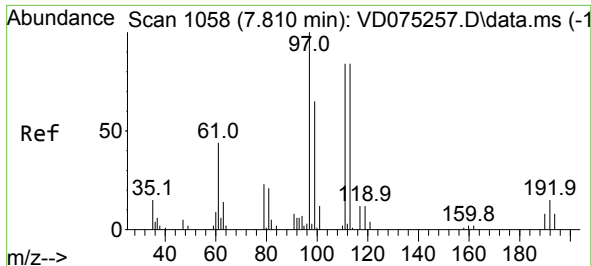
Ion Ratio Lower Upper

114 100

63 18.6 0.0 40.2

88 14.9 0.0 32.2





#35

Dibromofluoromethane

Concen: 50.713 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD075284.D

Acq: 09 Feb 2023 09:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

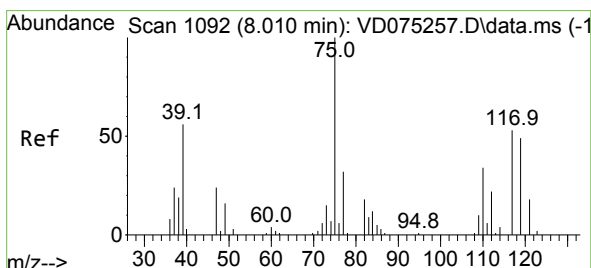
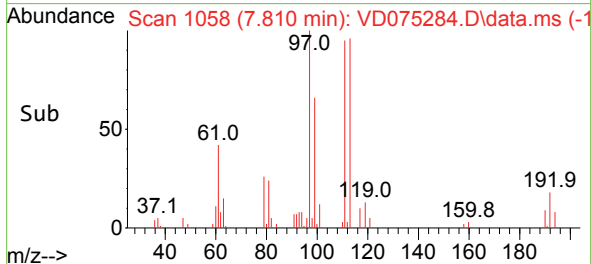
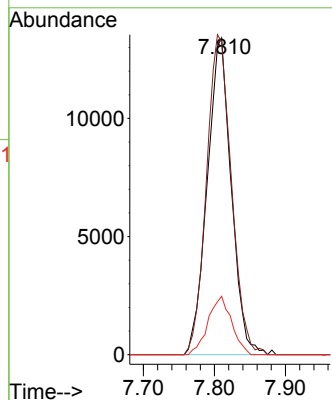
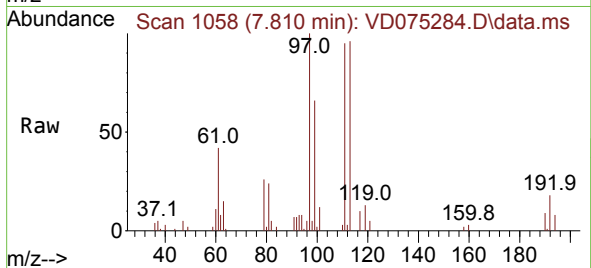
Tgt Ion:113 Resp: 31516

Ion Ratio Lower Upper

113 100

111 104.6 80.1 120.1

192 18.1 15.4 23.0



#36

1,1-Dichloropropene

Concen: 50.276 ug/l

RT: 8.004 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VD075284.D

Acq: 09 Feb 2023 09:43

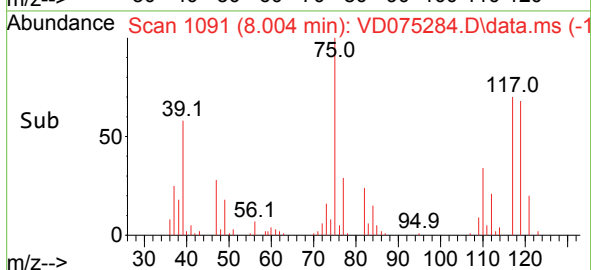
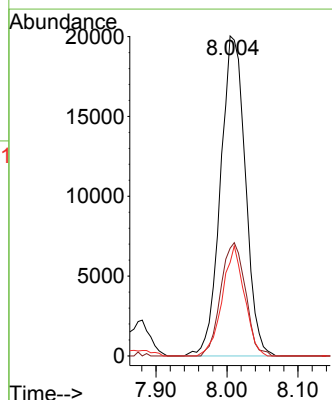
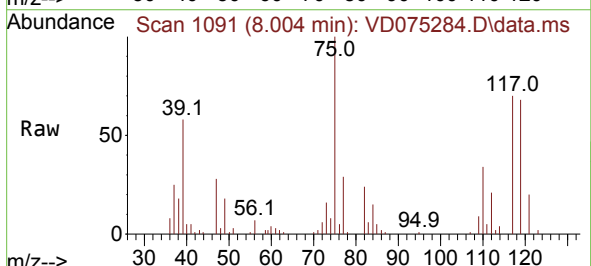
Tgt Ion: 75 Resp: 48672

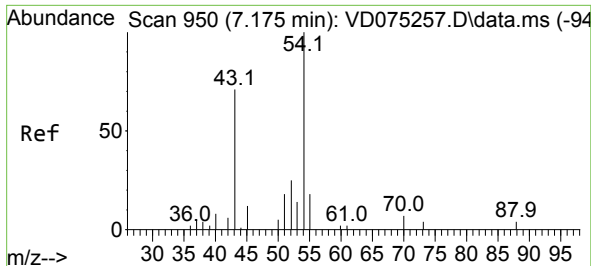
Ion Ratio Lower Upper

75 100

110 35.2 18.1 54.4

77 30.6 25.1 37.7





#37

Ethyl Acetate

Concen: 44.122 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD075284.D

Acq: 09 Feb 2023 09:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

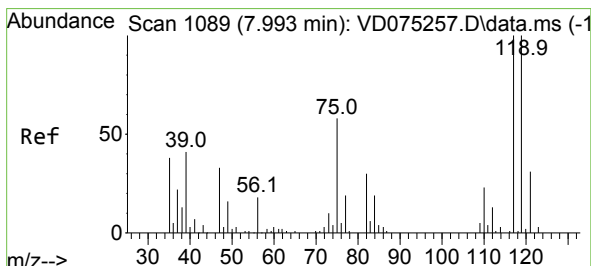
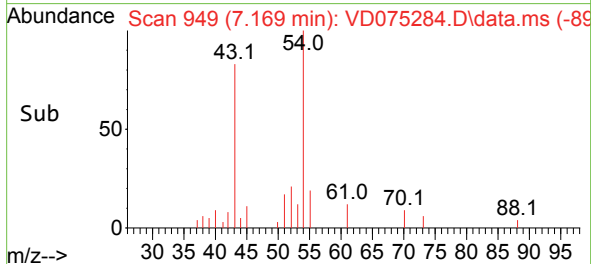
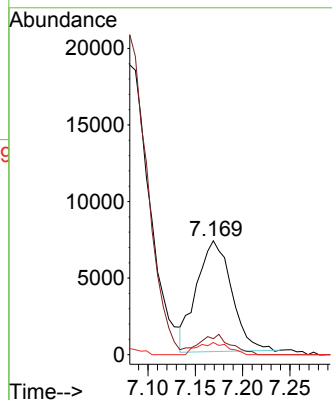
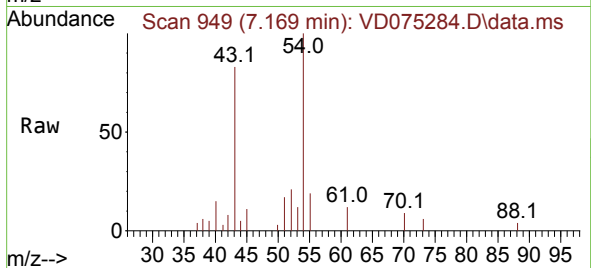
Tgt Ion: 43 Resp: 18629

Ion Ratio Lower Upper

43 100

61 15.7 11.7 17.5

70 9.6 8.8 13.2



#38

Carbon Tetrachloride

Concen: 51.370 ug/l

RT: 7.992 min Scan# 1089

Delta R.T. -0.001 min

Lab File: VD075284.D

Acq: 09 Feb 2023 09:43

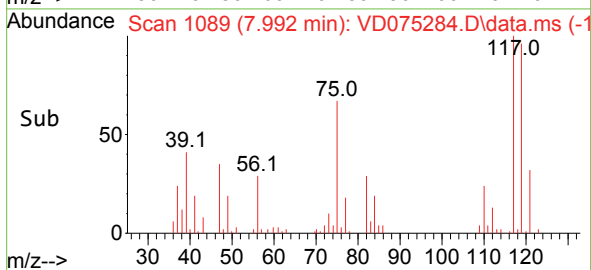
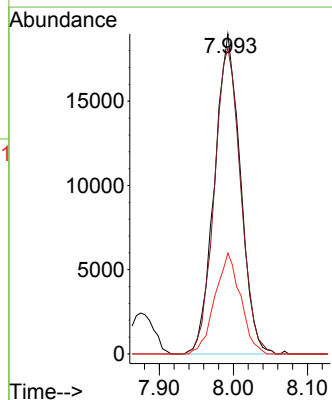
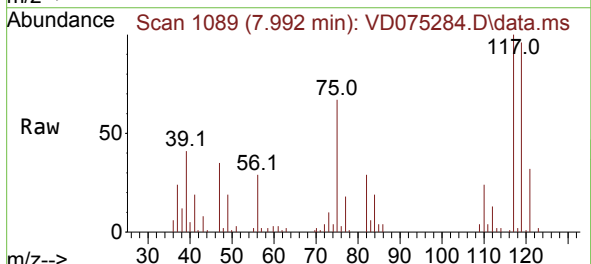
Tgt Ion: 117 Resp: 46082

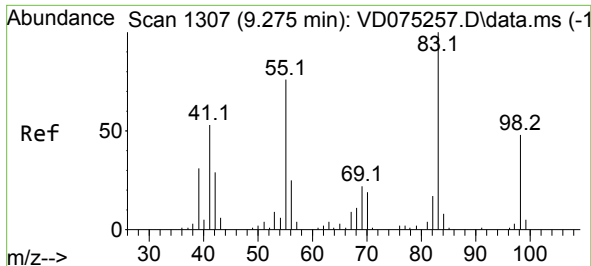
Ion Ratio Lower Upper

117 100

119 95.6 73.6 110.4

121 31.5 25.4 38.0





#39

Methylcyclohexane

Concen: 49.866 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD075284.D

Acq: 09 Feb 2023 09:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

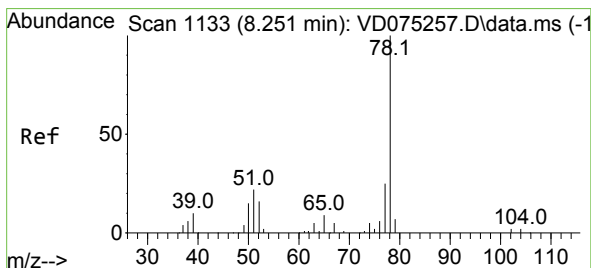
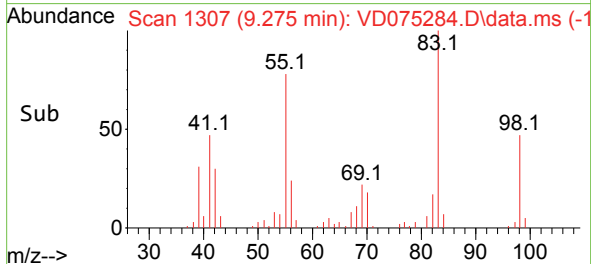
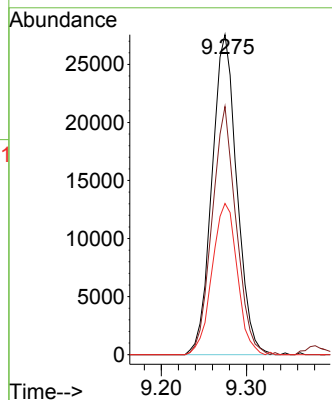
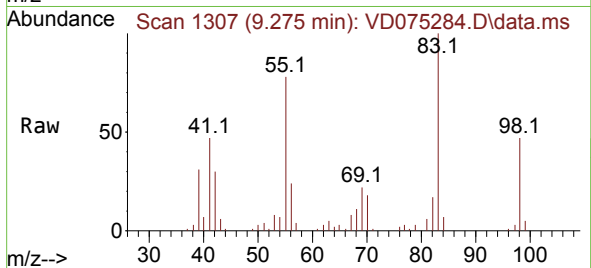
Tgt Ion: 83 Resp: 55878

Ion Ratio Lower Upper

83 100

55 77.6 60.0 90.0

98 47.3 39.0 58.4



#40

Benzene

Concen: 50.472 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD075284.D

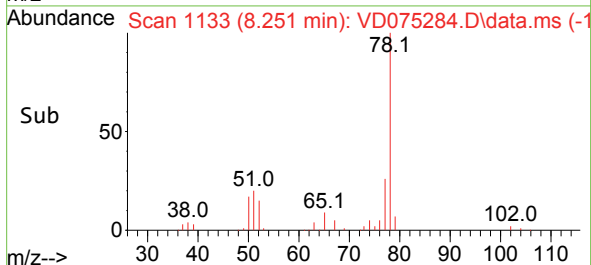
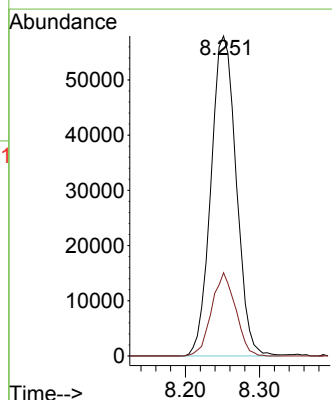
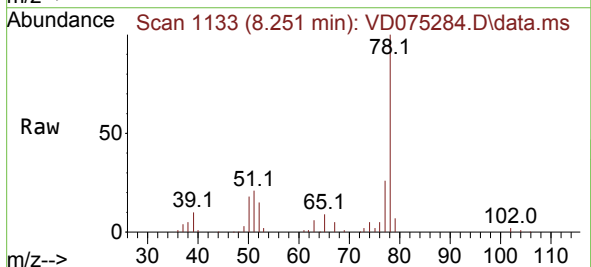
Acq: 09 Feb 2023 09:43

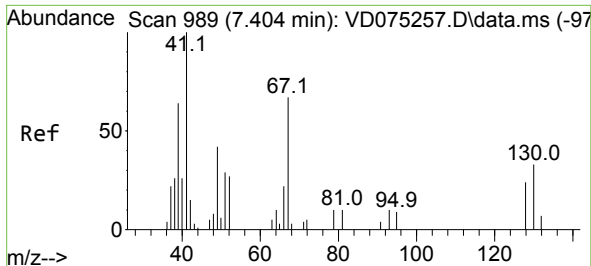
Tgt Ion: 78 Resp: 137328

Ion Ratio Lower Upper

78 100

77 26.0 19.8 29.6



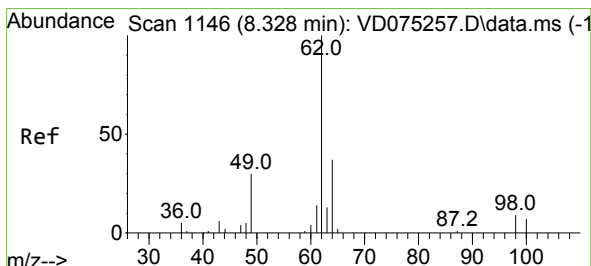
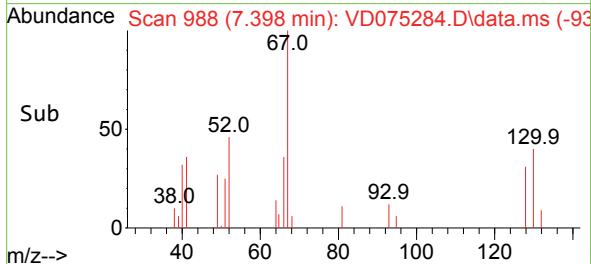
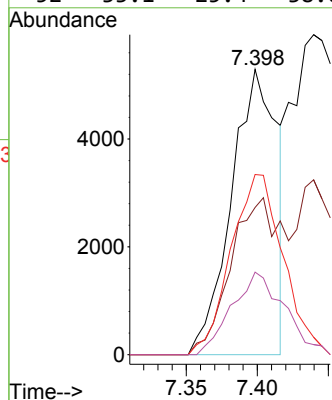
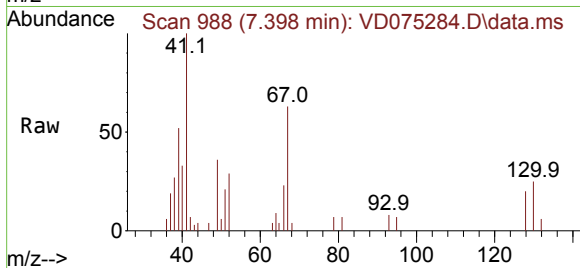


#41
Methacrylonitrile
Concen: 46.949 ug/l
RT: 7.398 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD075284.D
Acq: 09 Feb 2023 09:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 11825

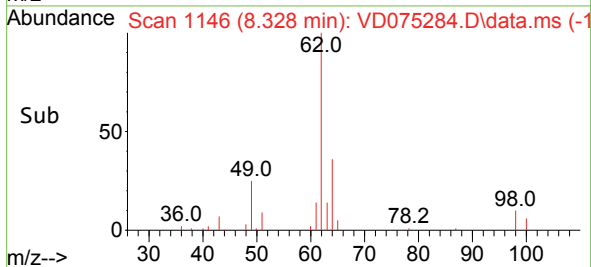
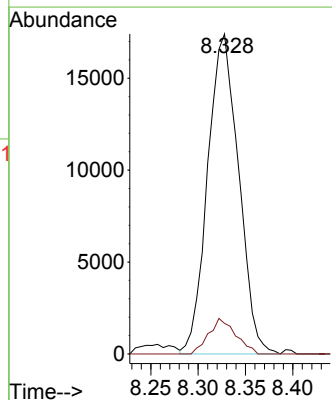
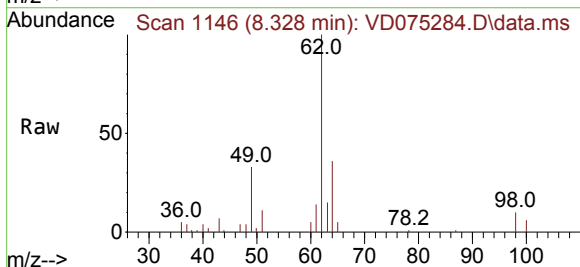
Ion	Ratio	Lower	Upper
41	100		
39	62.9	57.8	86.6
67	71.9	60.5	90.7
52	33.1	25.4	38.0

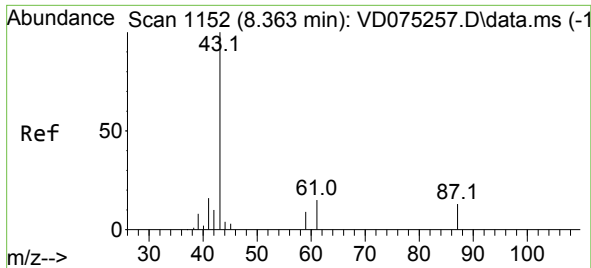


#42
1,2-Dichloroethane
Concen: 50.365 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD075284.D
Acq: 09 Feb 2023 09:43

Tgt Ion: 62 Resp: 39674

Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.2

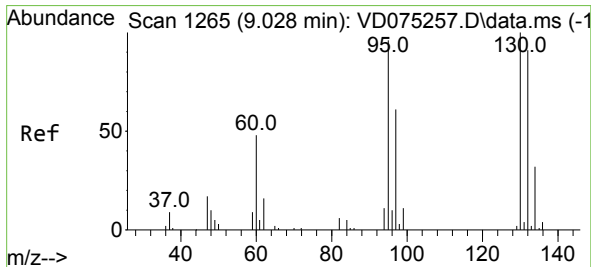
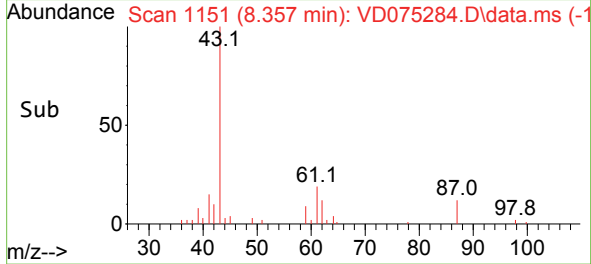
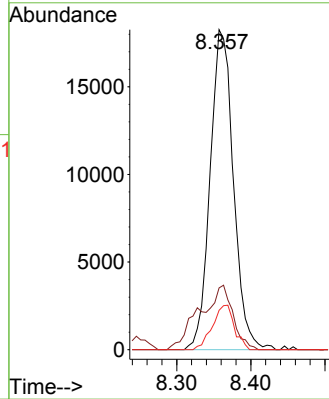
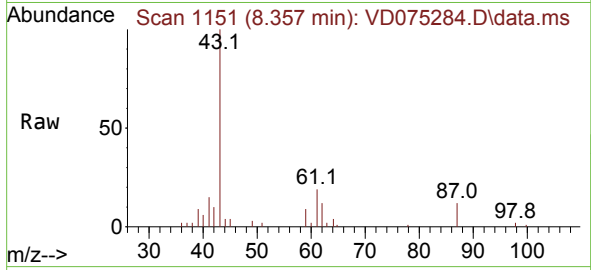




#43
Isopropyl Acetate
Concen: 49.440 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD075284.D
Acq: 09 Feb 2023 09:43

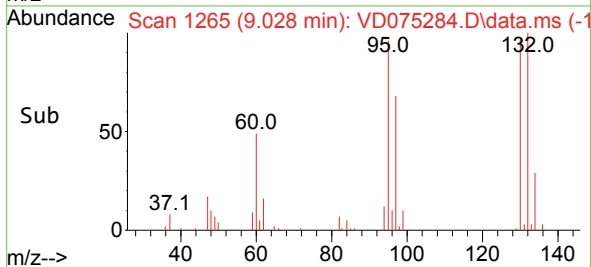
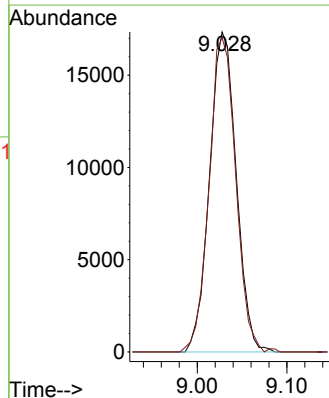
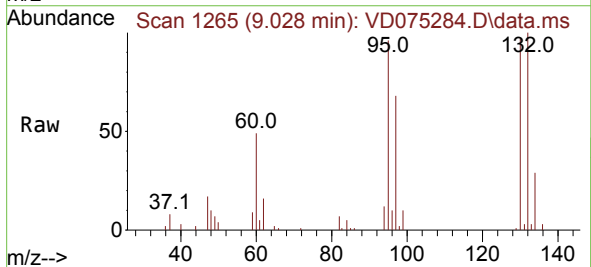
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

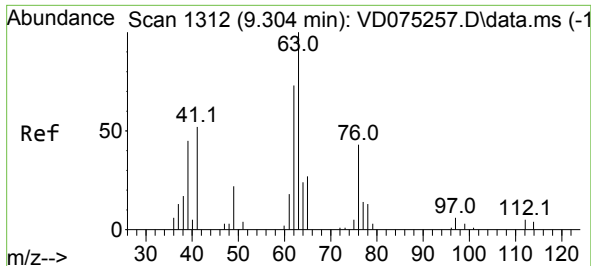
Tgt Ion:	43	Resp:	39886
Ion	Ratio	Lower	Upper
43	100		
61	28.7	25.0	37.6
87	13.1	10.6	16.0



#44
Trichloroethene
Concen: 47.765 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD075284.D
Acq: 09 Feb 2023 09:43

Tgt Ion:	130	Resp:	35825
Ion	Ratio	Lower	Upper
130	100		
95	98.2	0.0	188.6





#45

1,2-Dichloropropane

Concen: 50.774 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD075284.D

Acq: 09 Feb 2023 09:43

Instrument :

MSVOA_D

ClientSampleId :

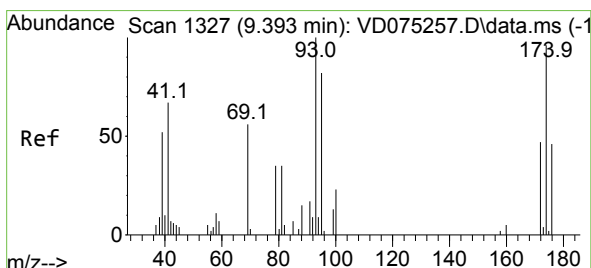
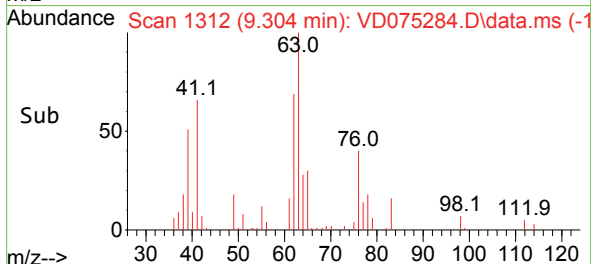
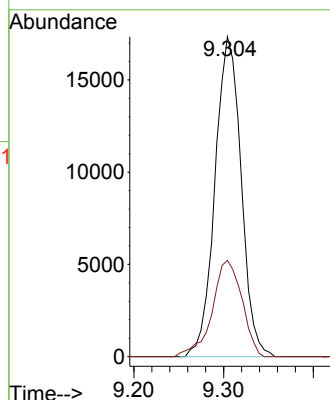
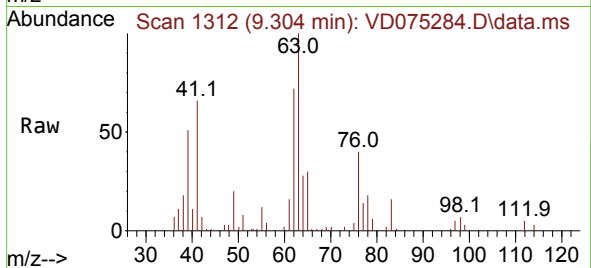
VSTDCCC050

Tgt Ion: 63 Resp: 35085

Ion Ratio Lower Upper

63 100

65 30.1 25.1 37.7



#46

Dibromomethane

Concen: 49.150 ug/l

RT: 9.392 min Scan# 1327

Delta R.T. -0.001 min

Lab File: VD075284.D

Acq: 09 Feb 2023 09:43

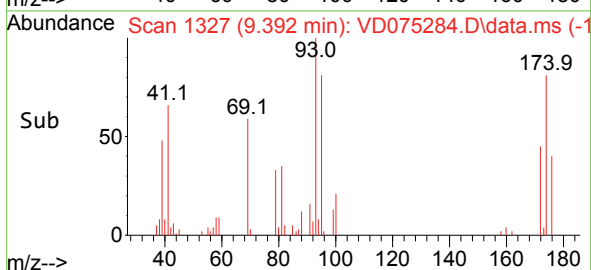
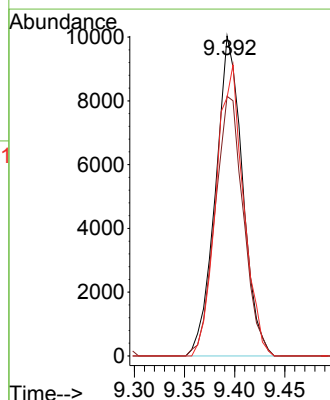
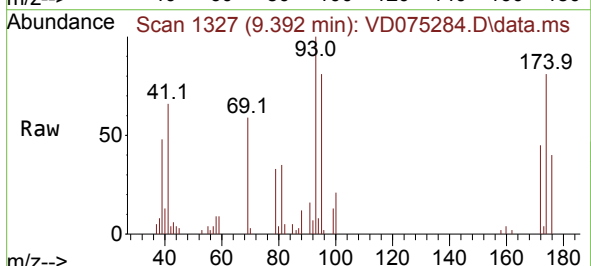
Tgt Ion: 93 Resp: 18821

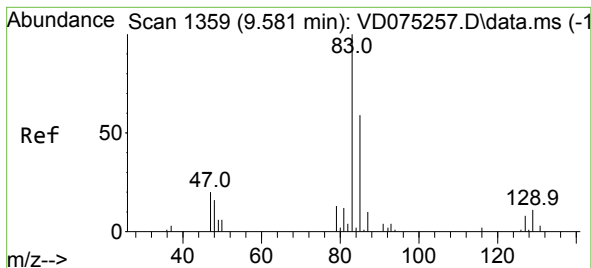
Ion Ratio Lower Upper

93 100

95 85.3 68.3 102.5

174 91.8 77.4 116.0





#47

Bromodichloromethane

Concen: 50.899 ug/l

RT: 9.587 min Scan# 1359

Delta R.T. 0.006 min

Lab File: VD075284.D

Acq: 09 Feb 2023 09:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

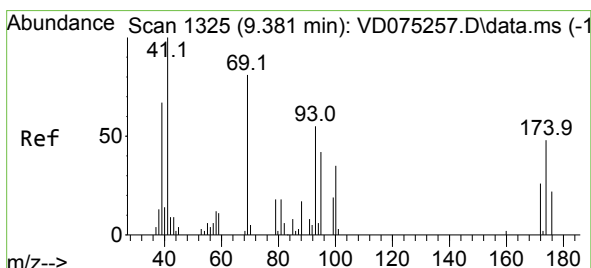
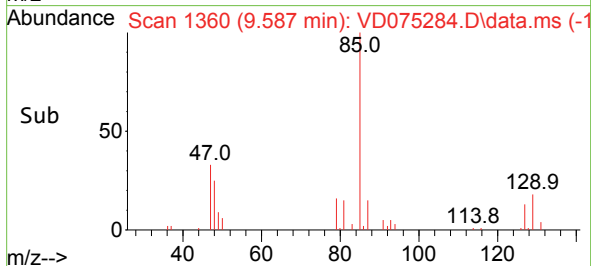
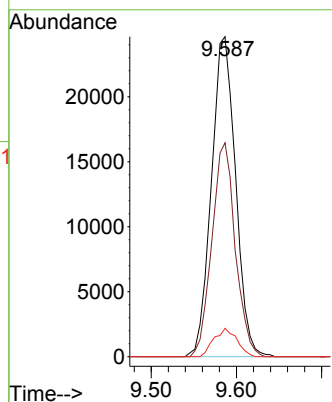
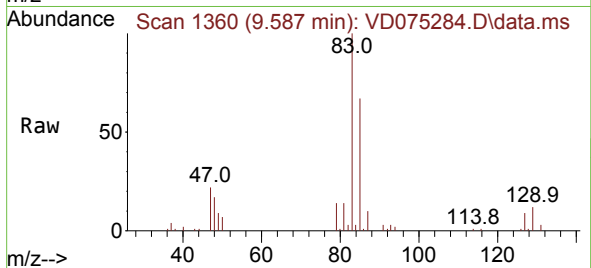
Tgt Ion: 83 Resp: 48509

Ion Ratio Lower Upper

83 100

85 66.9 53.0 79.4

127 8.9 7.0 10.4



#48

Methyl methacrylate

Concen: 52.342 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD075284.D

Acq: 09 Feb 2023 09:43

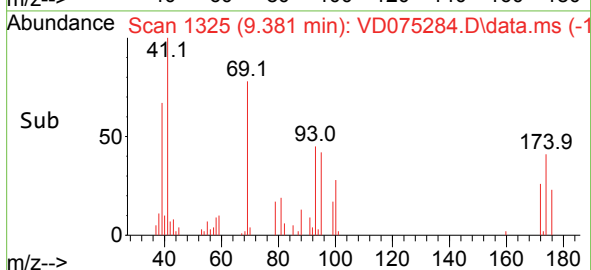
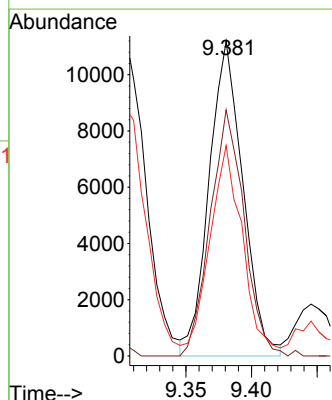
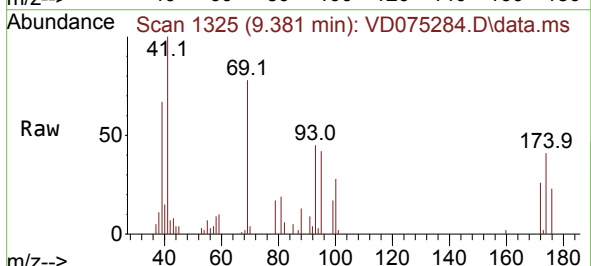
Tgt Ion: 41 Resp: 20054

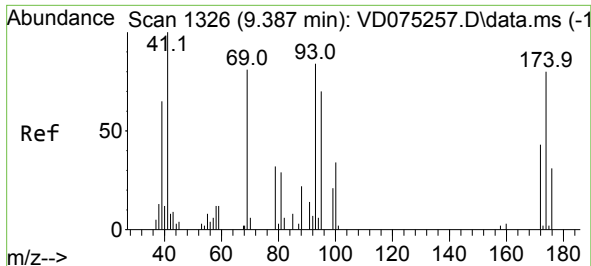
Ion Ratio Lower Upper

41 100

69 78.6 67.8 101.6

39 59.9 46.0 69.0





#49

1,4-Dioxane

Concen: 951.710 ug/l

RT: 9.387 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075284.D

Acq: 09 Feb 2023 09:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

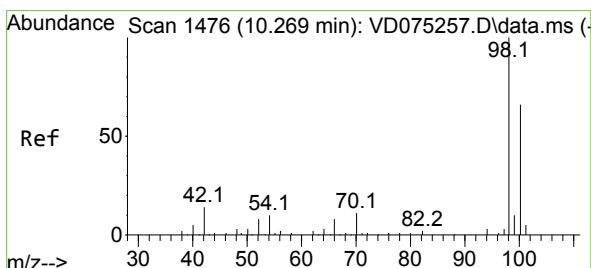
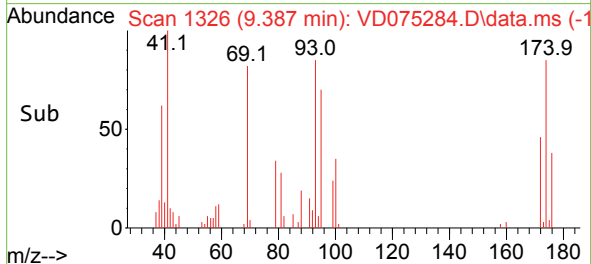
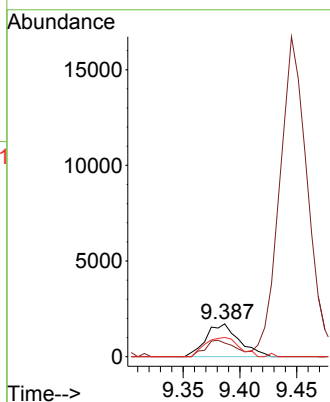
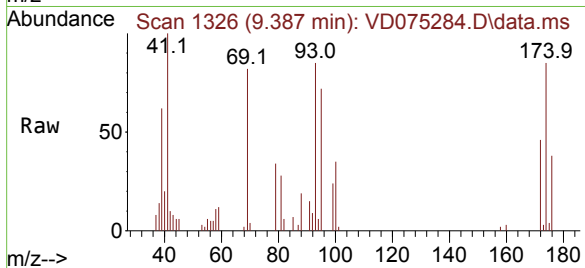
Tgt Ion: 88 Resp: 3472

Ion Ratio Lower Upper

88 100

43 43.4 35.6 53.4

58 59.9 57.4 86.2



#50

Toluene-d8

Concen: 49.433 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD075284.D

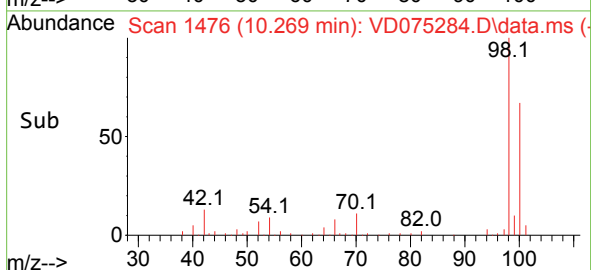
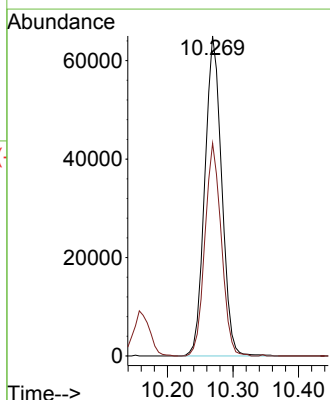
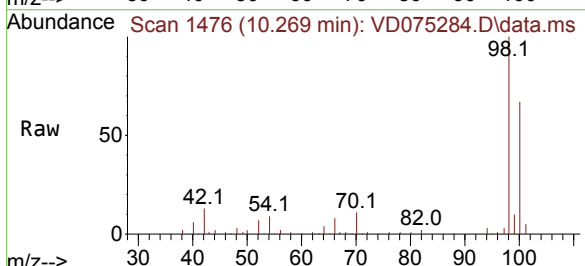
Acq: 09 Feb 2023 09:43

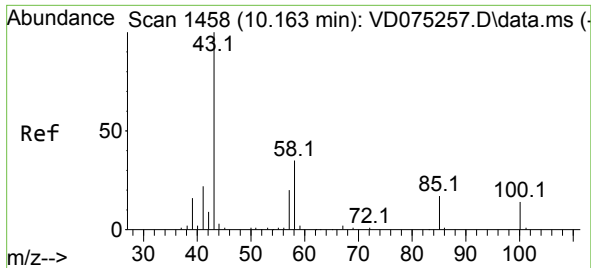
Tgt Ion: 98 Resp: 116504

Ion Ratio Lower Upper

98 100

100 64.5 52.7 79.1

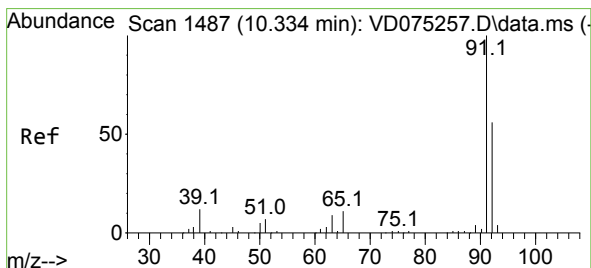
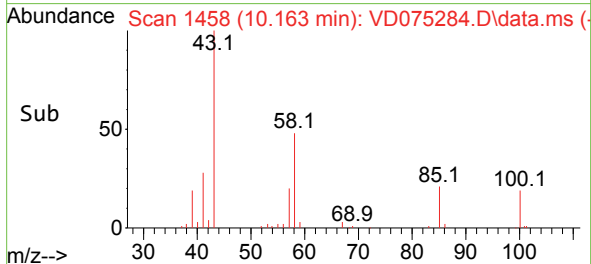
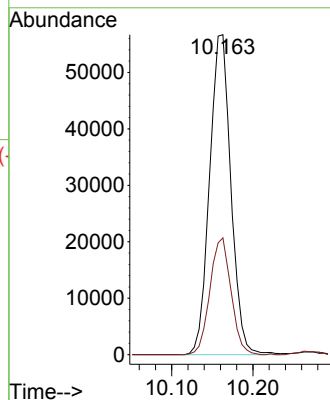
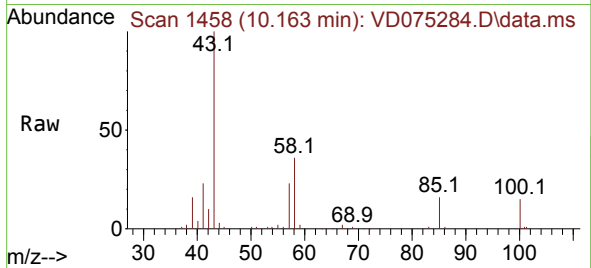




#51
4-Methyl-2-Pentanone
Concen: 253.980 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. -0.000 min
Lab File: VD075284.D
Acq: 09 Feb 2023 09:43

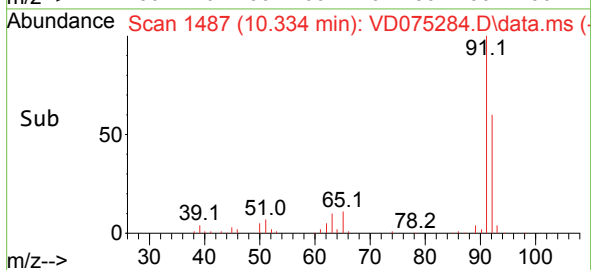
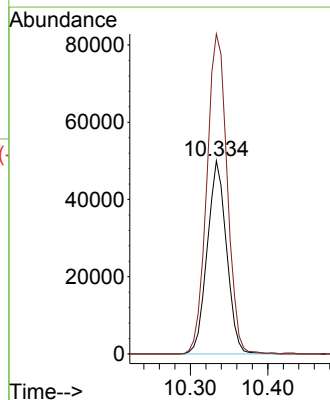
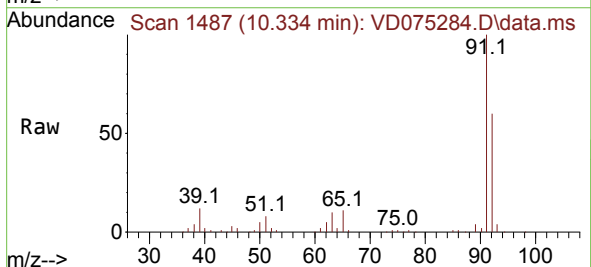
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

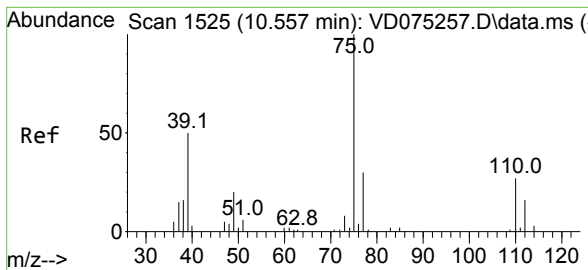
Tgt Ion: 43 Resp: 103588
Ion Ratio Lower Upper
43 100
58 36.0 31.4 47.0



#52
Toluene
Concen: 50.506 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075284.D
Acq: 09 Feb 2023 09:43

Tgt Ion: 92 Resp: 86555
Ion Ratio Lower Upper
92 100
91 174.8 137.0 205.4

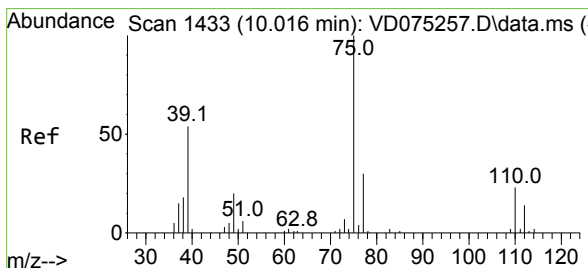
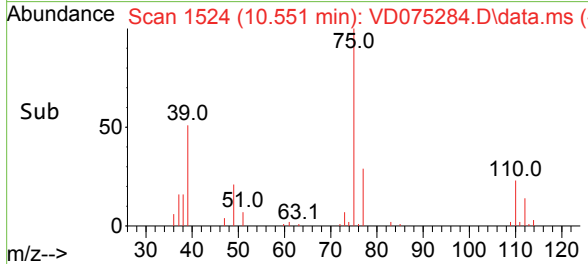
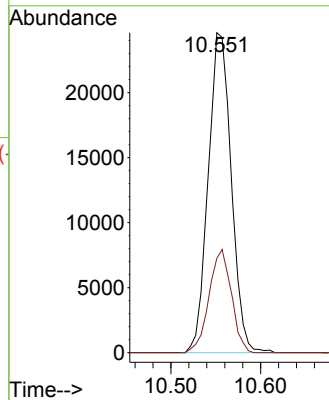
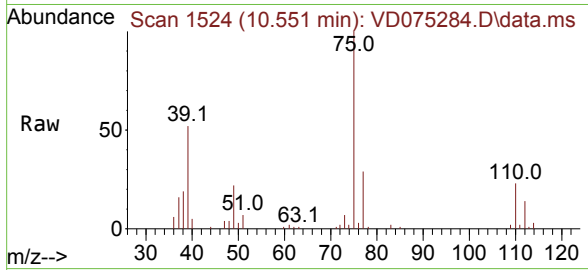




#53
 t-1,3-Dichloropropene
 Concen: 53.247 ug/l
 RT: 10.551 min Scan# 1525
 Delta R.T. -0.006 min
 Lab File: VD075284.D
 Acq: 09 Feb 2023 09:43

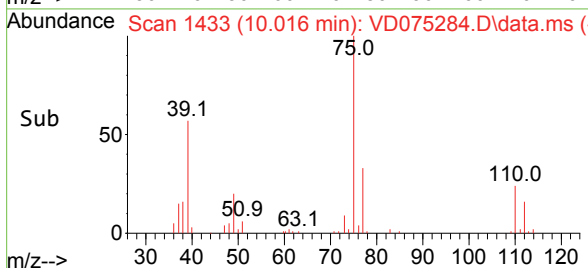
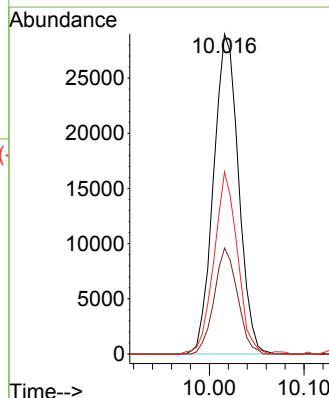
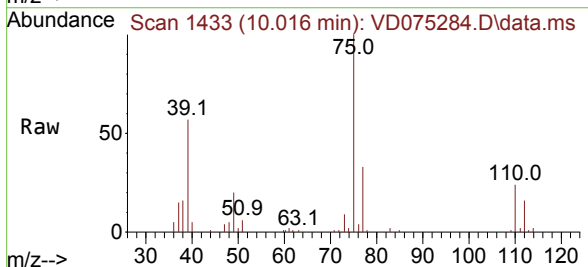
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

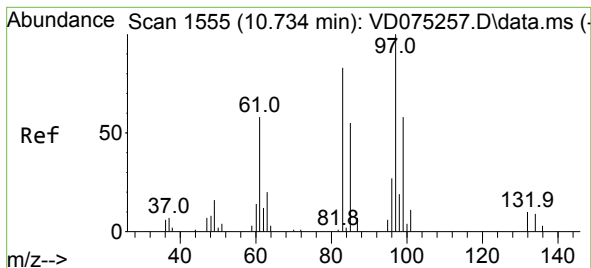
Tgt Ion: 75 Resp: 43956
 Ion Ratio Lower Upper
 75 100
 77 29.5 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 53.802 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD075284.D
 Acq: 09 Feb 2023 09:43

Tgt Ion: 75 Resp: 53102
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.1 37.7
 39 56.9 37.9 56.9#





#55

1,1,2-Trichloroethane

Concen: 52.111 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD075284.D

Acq: 09 Feb 2023 09:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 25473

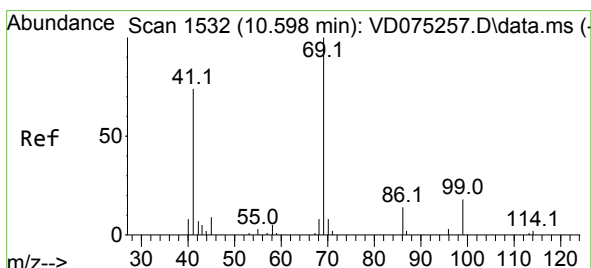
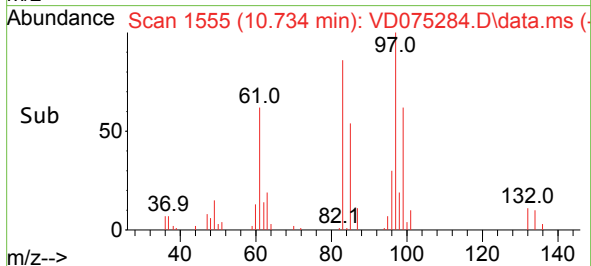
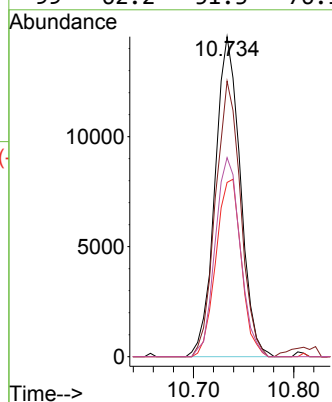
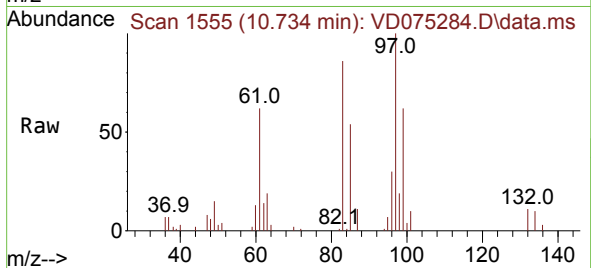
Ion Ratio Lower Upper

97 100

83 86.1 69.4 104.0

85 54.5 46.0 69.0

99 62.2 51.3 76.9



#56

Ethyl methacrylate

Concen: 51.729 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD075284.D

Acq: 09 Feb 2023 09:43

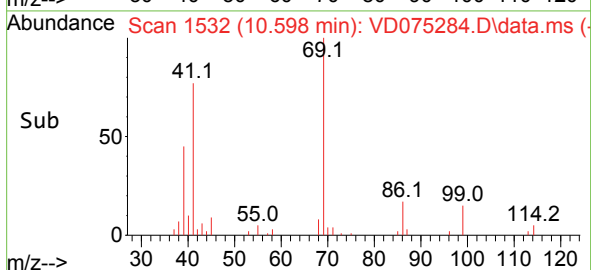
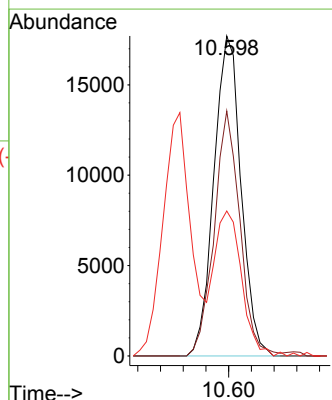
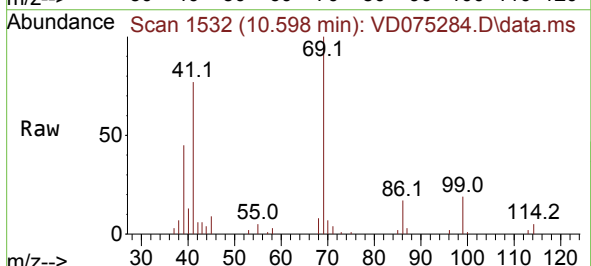
Tgt Ion: 69 Resp: 29397

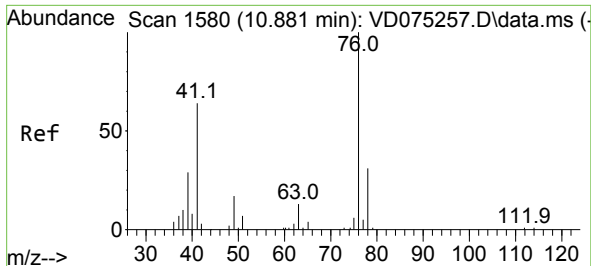
Ion Ratio Lower Upper

69 100

41 72.6 55.7 83.5

39 44.7 31.4 47.0





#57

1,3-Dichloropropane

Concen: 51.385 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD075284.D

Acq: 09 Feb 2023 09:43

Instrument :

MSVOA_D

ClientSampleId :

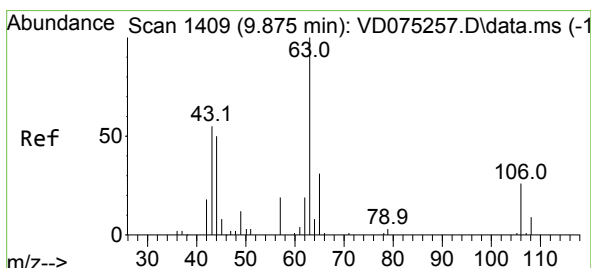
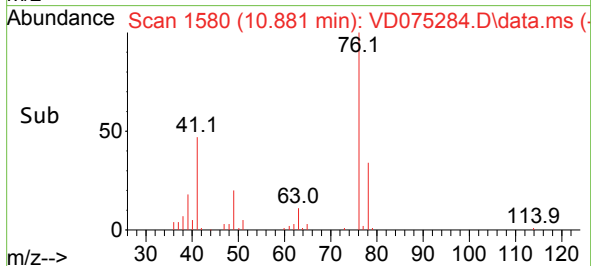
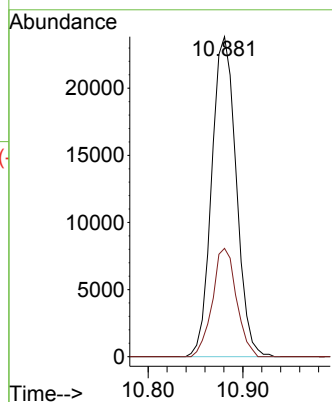
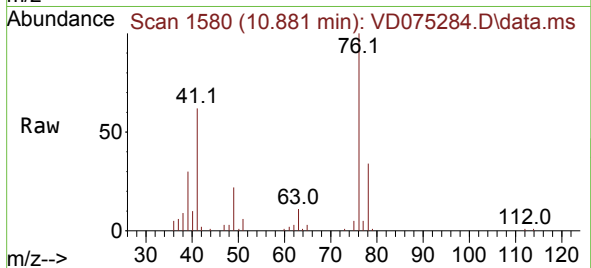
VSTDCCC050

Tgt Ion: 76 Resp: 42790

Ion Ratio Lower Upper

76 100

78 33.2 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 266.504 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.006 min

Lab File: VD075284.D

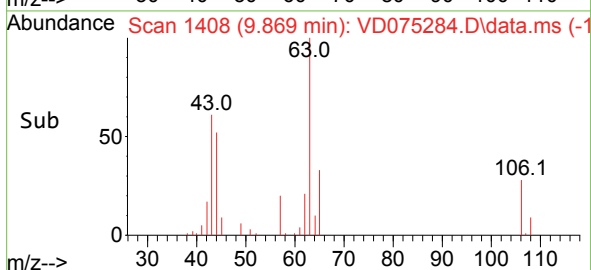
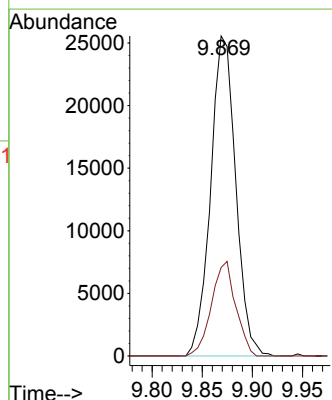
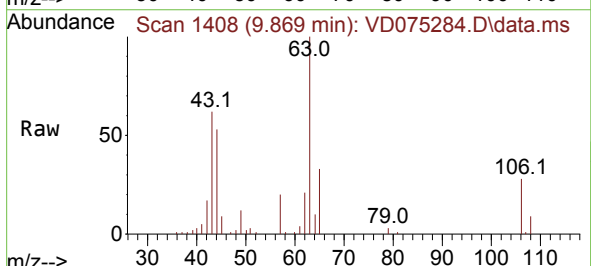
Acq: 09 Feb 2023 09:43

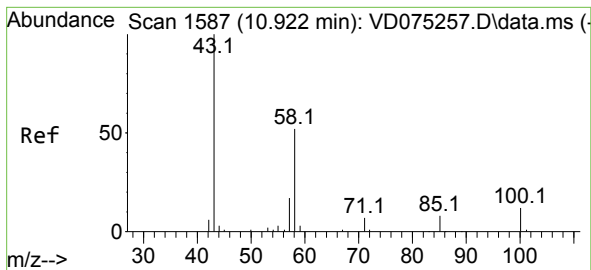
Tgt Ion: 63 Resp: 44484

Ion Ratio Lower Upper

63 100

106 28.5 22.6 33.8

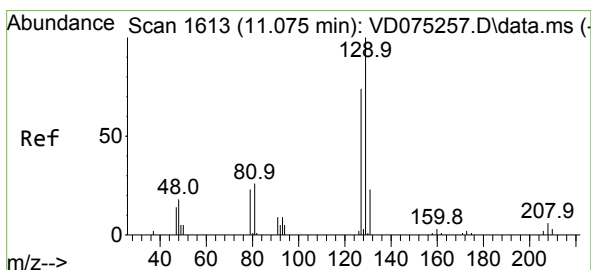
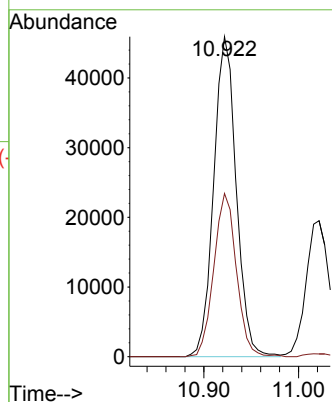
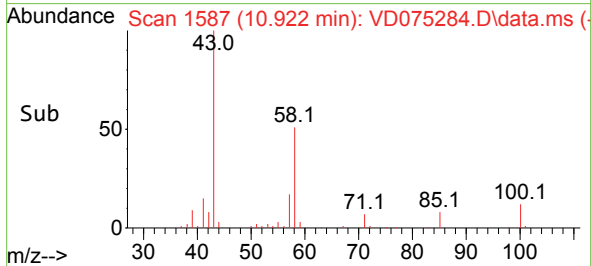
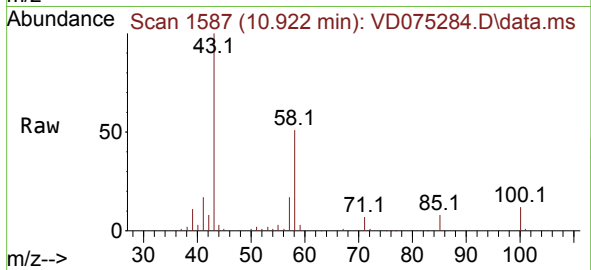




#59
2-Hexanone
Concen: 254.796 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD075284.D
Acq: 09 Feb 2023 09:43

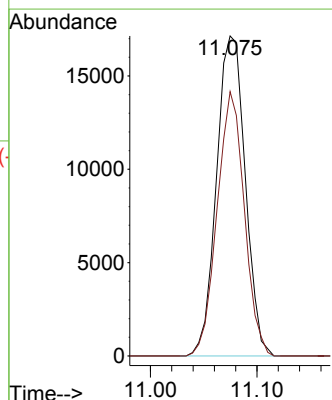
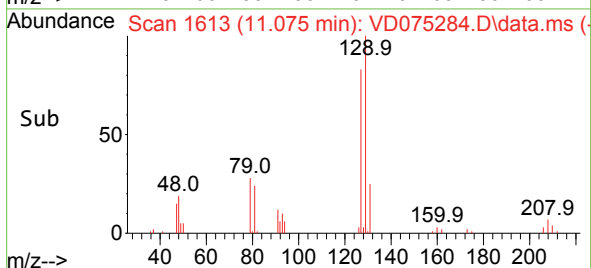
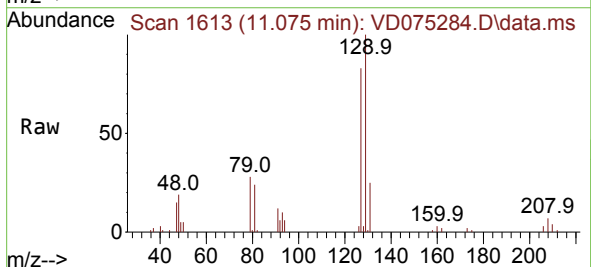
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

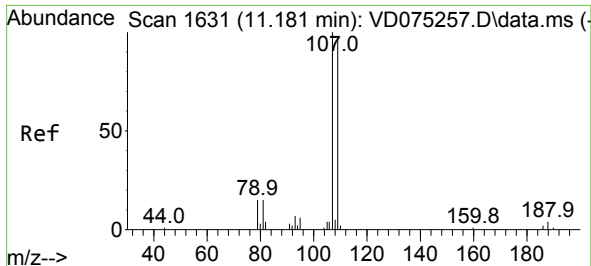
Tgt Ion: 43 Resp: 75923
Ion Ratio Lower Upper
43 100
58 51.1 26.8 80.4



#60
Dibromochloromethane
Concen: 52.969 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075284.D
Acq: 09 Feb 2023 09:43

Tgt Ion: 129 Resp: 32080
Ion Ratio Lower Upper
129 100
127 78.2 38.9 116.6

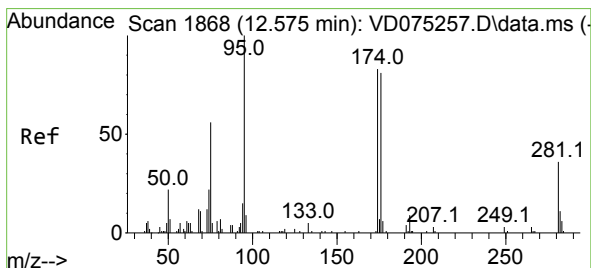
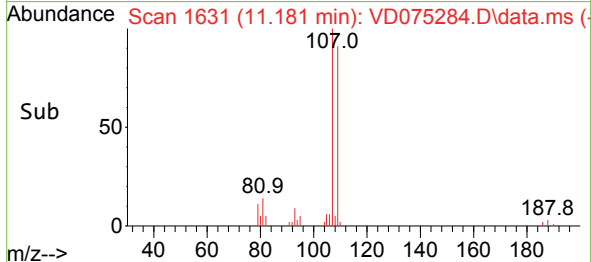
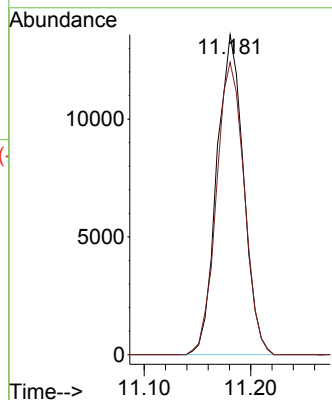
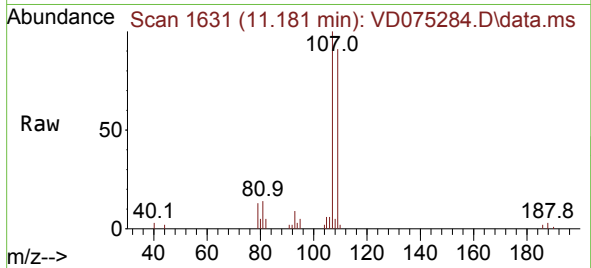




#61
1,2-Dibromoethane
Concen: 50.188 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075284.D
Acq: 09 Feb 2023 09:43

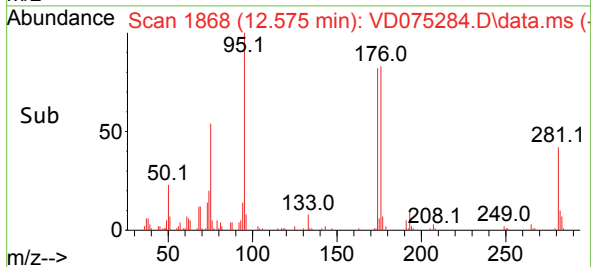
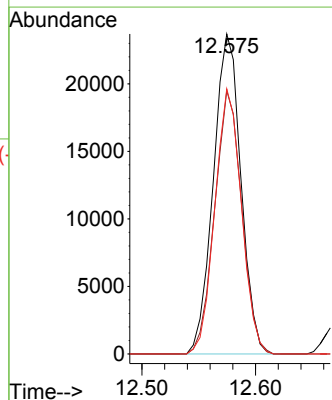
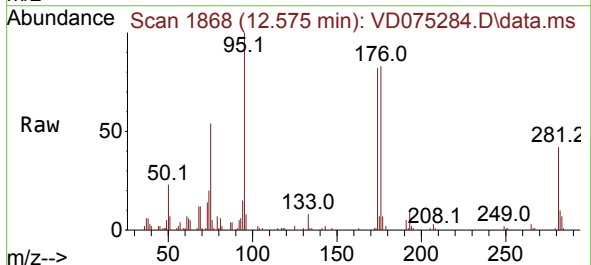
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

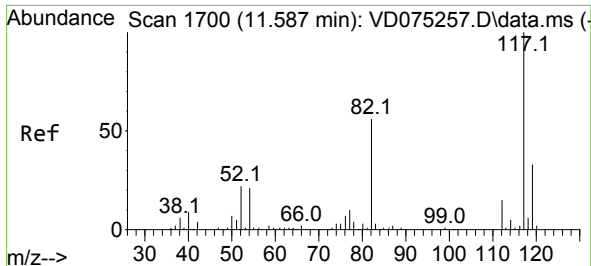
Tgt Ion:107 Resp: 23656
Ion Ratio Lower Upper
107 100
109 95.2 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 51.302 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075284.D
Acq: 09 Feb 2023 09:43

Tgt Ion: 95 Resp: 39868
Ion Ratio Lower Upper
95 100
174 80.8 0.0 161.2
176 79.9 0.0 160.2

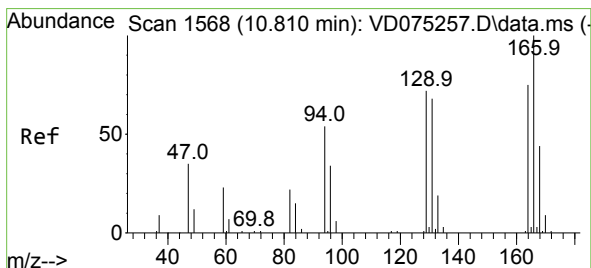
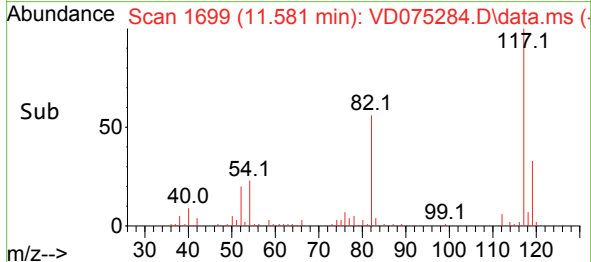
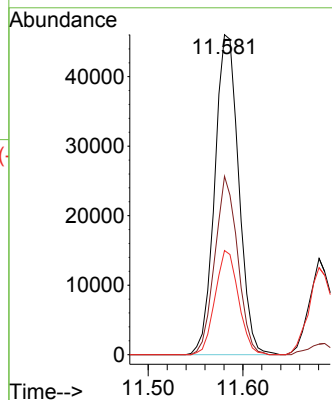
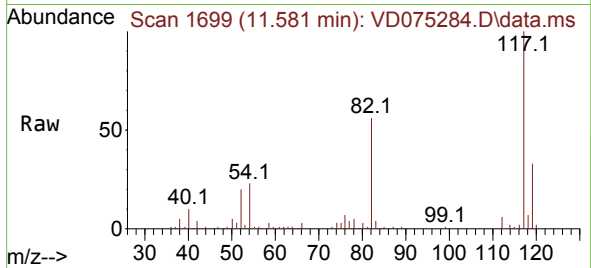




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075284.D
Acq: 09 Feb 2023 09:43

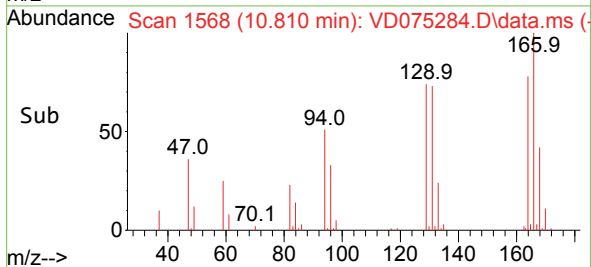
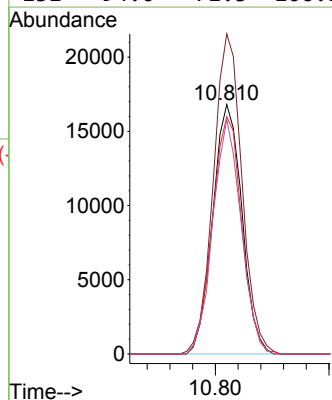
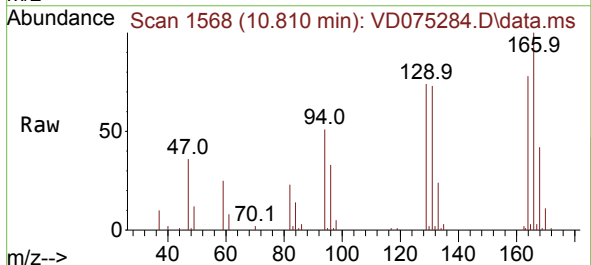
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

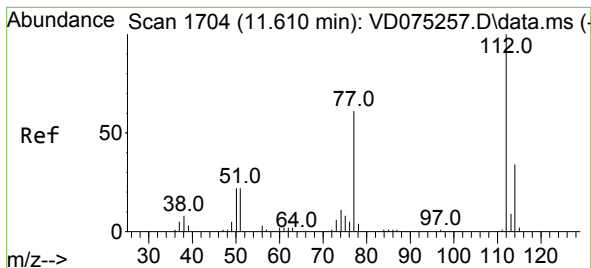
Tgt Ion:117 Resp: 81062
Ion Ratio Lower Upper
117 100
82 55.8 39.6 59.4
119 32.6 24.6 37.0



#64
Tetrachloroethene
Concen: 47.962 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075284.D
Acq: 09 Feb 2023 09:43

Tgt Ion:164 Resp: 29944
Ion Ratio Lower Upper
164 100
166 128.3 105.3 157.9
129 95.1 76.2 114.4
131 94.0 71.3 106.9





#65

Chlorobenzene

Concen: 50.141 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VD075284.D

Acq: 09 Feb 2023 09:43

Instrument :

MSVOA_D

ClientSampleId :

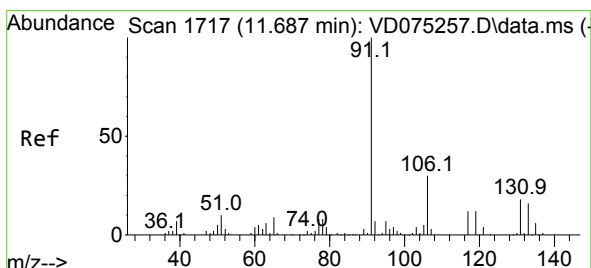
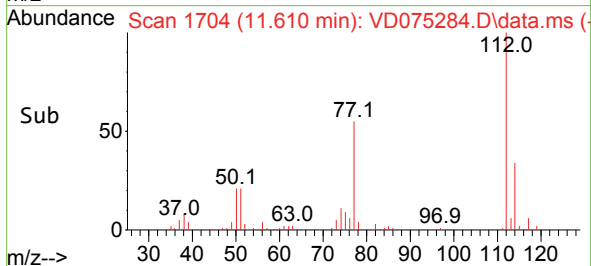
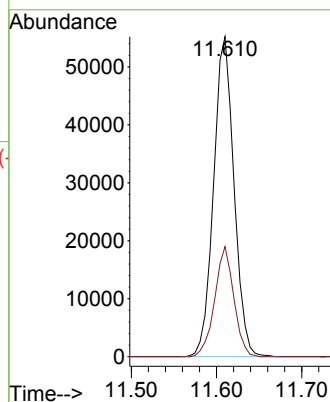
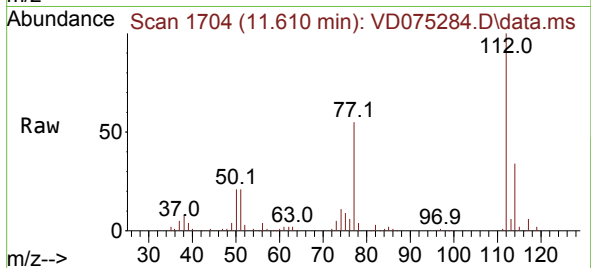
VSTDCCC050

Tgt Ion:112 Resp: 91662

Ion Ratio Lower Upper

112 100

114 34.4 24.7 37.1



#66

1,1,1,2-Tetrachloroethane

Concen: 50.898 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.006 min

Lab File: VD075284.D

Acq: 09 Feb 2023 09:43

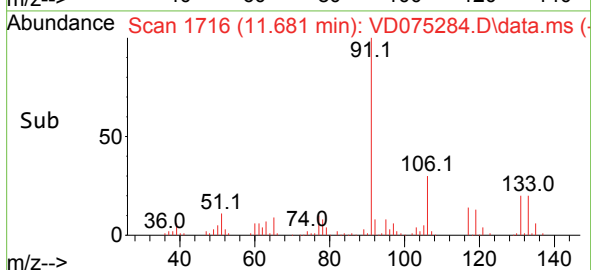
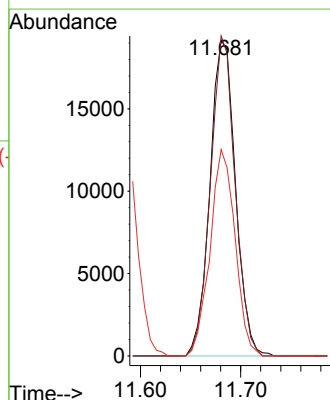
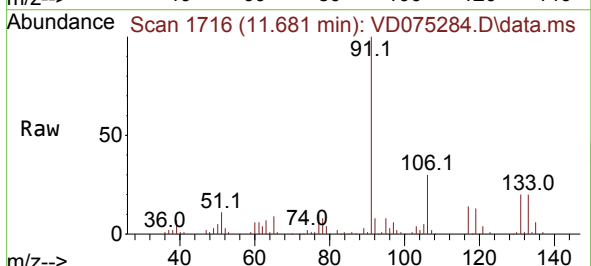
Tgt Ion:131 Resp: 33876

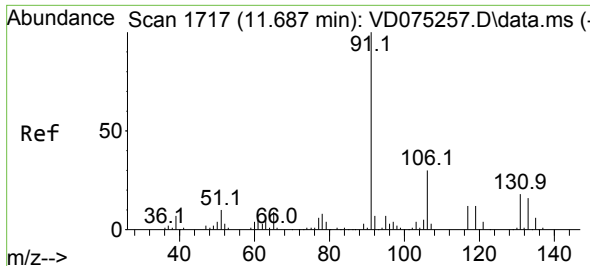
Ion Ratio Lower Upper

131 100

133 97.1 49.0 147.2

119 64.0 34.8 104.5





#67

Ethyl Benzene

Concen: 50.405 ug/l

RT: 11.686 min Scan# 1717

Delta R.T. -0.001 min

Lab File: VD075284.D

Acq: 09 Feb 2023 09:43

Instrument :

MSVOA_D

ClientSampleId :

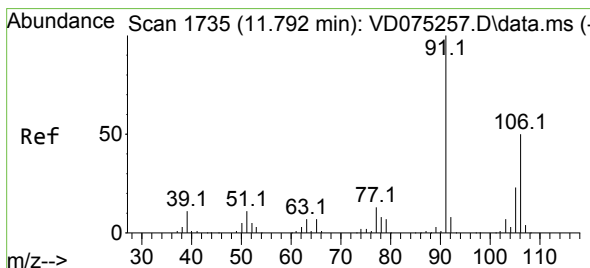
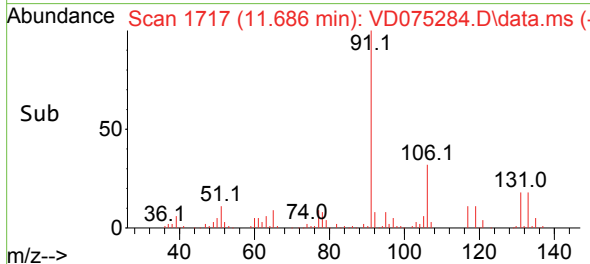
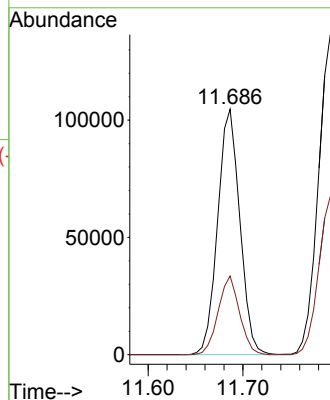
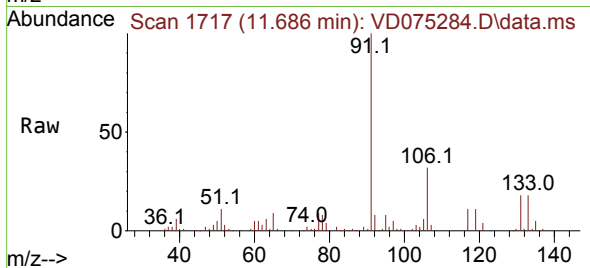
VSTDCCC050

Tgt Ion: 91 Resp: 170117

Ion Ratio Lower Upper

91 100

106 32.1 25.0 37.6



#68

m/p-Xylenes

Concen: 101.109 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD075284.D

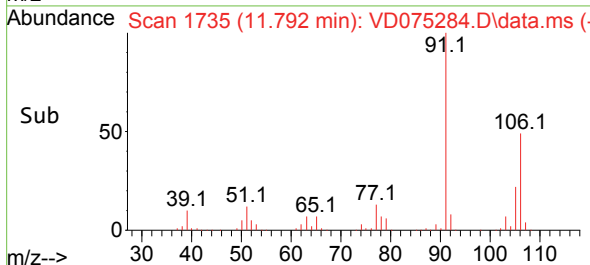
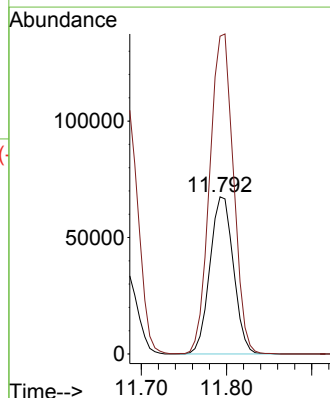
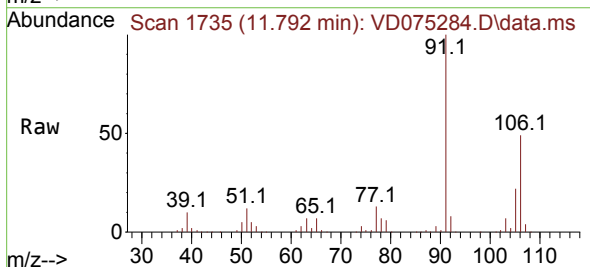
Acq: 09 Feb 2023 09:43

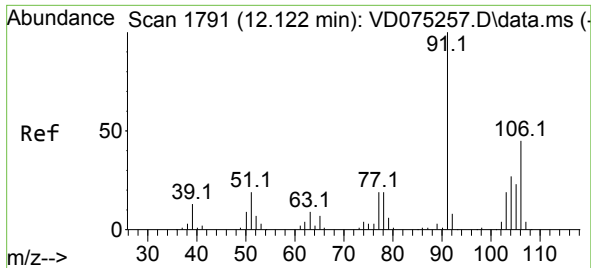
Tgt Ion:106 Resp: 129805

Ion Ratio Lower Upper

106 100

91 205.4 160.3 240.5

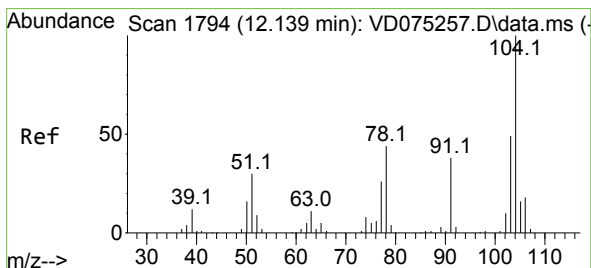
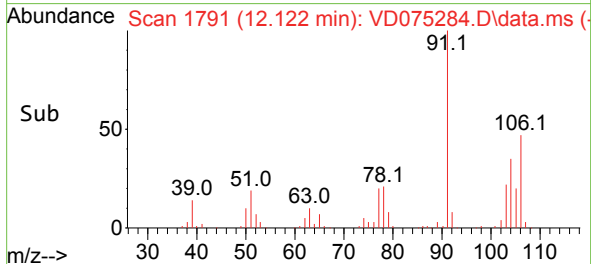
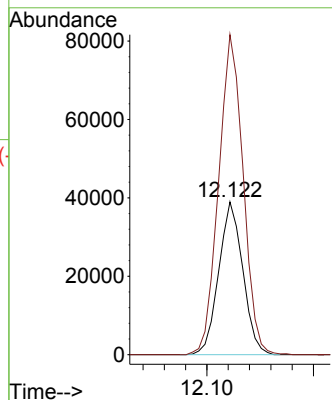
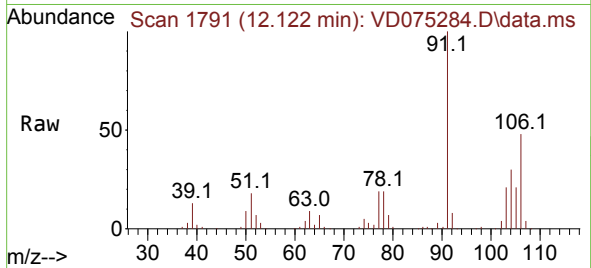




#69
o-Xylene
Concen: 50.979 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075284.D
Acq: 09 Feb 2023 09:43

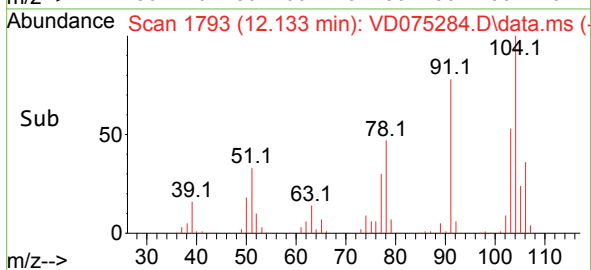
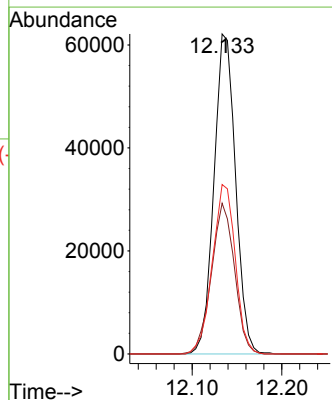
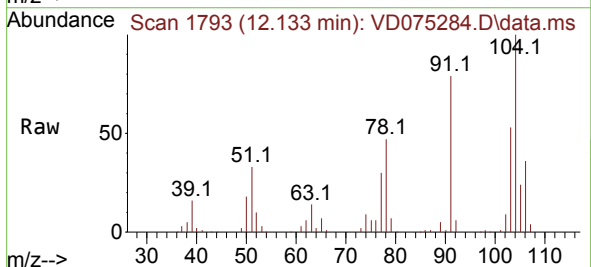
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

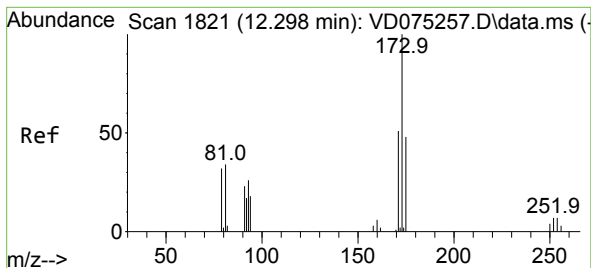
Tgt Ion:106 Resp: 61134
Ion Ratio Lower Upper
106 100
91 213.5 103.6 310.9



#70
Styrene
Concen: 51.147 ug/l
RT: 12.133 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD075284.D
Acq: 09 Feb 2023 09:43

Tgt Ion:104 Resp: 103898
Ion Ratio Lower Upper
104 100
78 50.2 38.9 58.3
103 56.2 43.6 65.4





#71

Bromoform

Concen: 49.952 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD075284.D

Acq: 09 Feb 2023 09:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

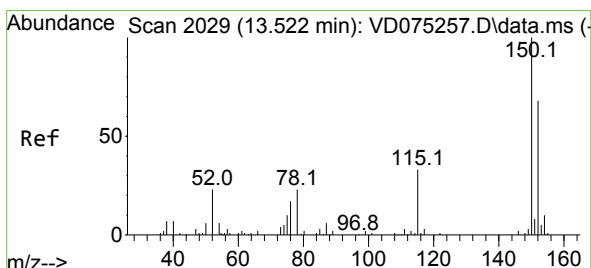
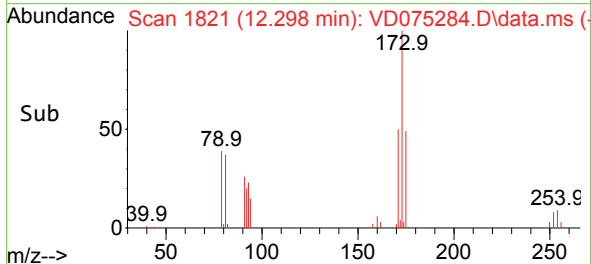
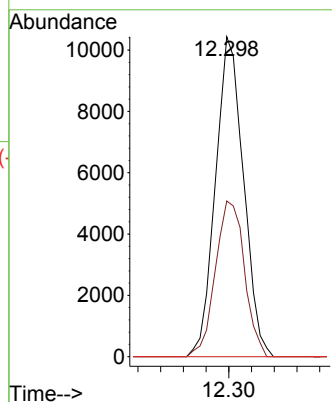
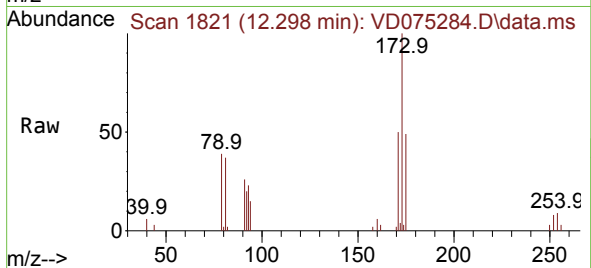
Tgt Ion:173 Resp: 17858

Ion Ratio Lower Upper

173 100

175 50.5 25.4 76.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. -0.000 min

Lab File: VD075284.D

Acq: 09 Feb 2023 09:43

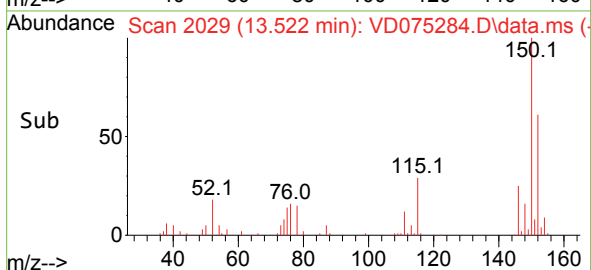
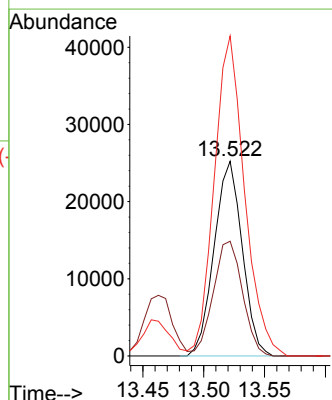
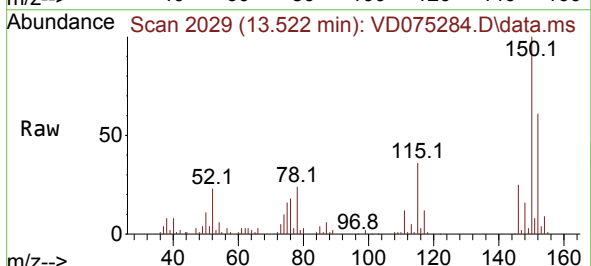
Tgt Ion:152 Resp: 40484

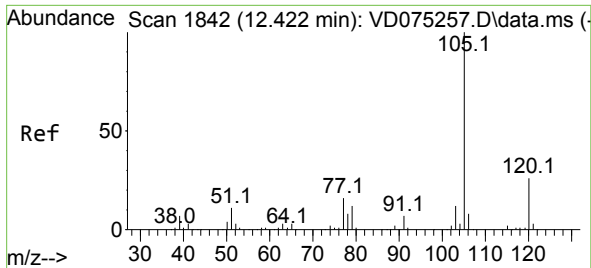
Ion Ratio Lower Upper

152 100

115 61.4 28.8 86.4

150 177.2 0.0 348.6

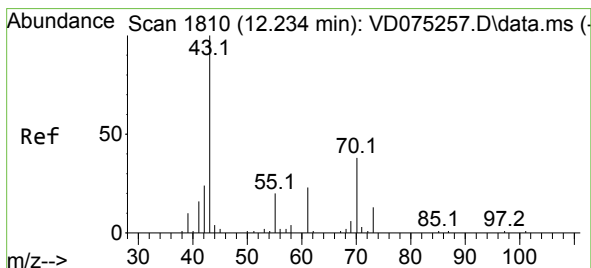
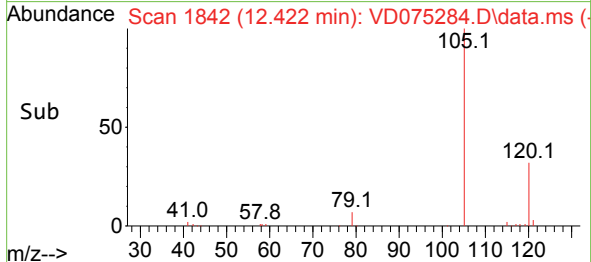
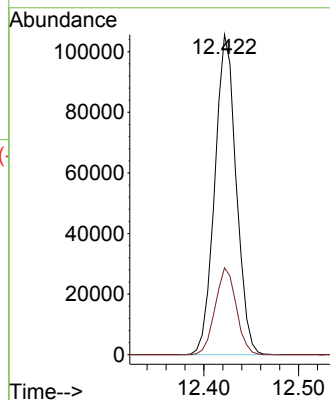
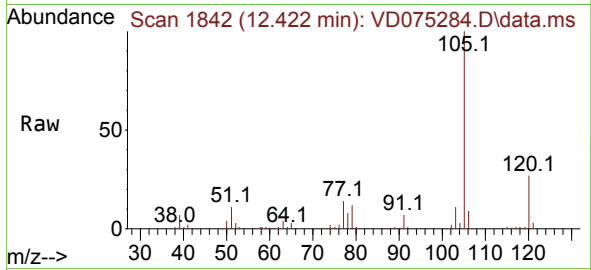




#73
Isopropylbenzene
Concen: 50.696 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD075284.D
Acq: 09 Feb 2023 09:43

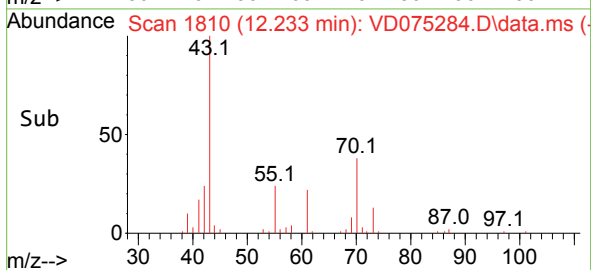
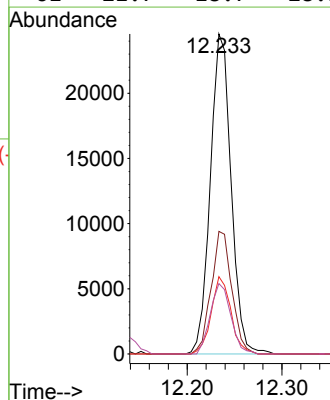
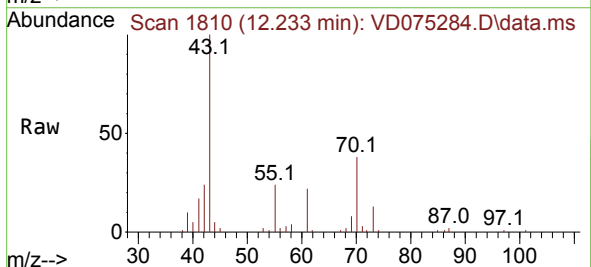
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

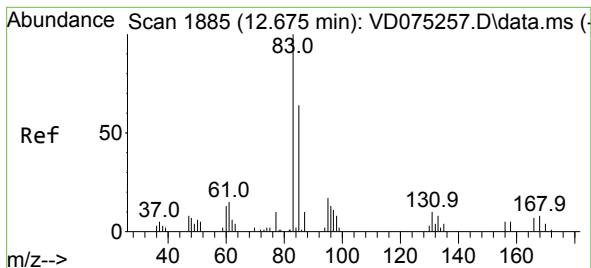
Tgt Ion:105 Resp: 166266
Ion Ratio Lower Upper
105 100
120 26.6 13.7 41.1



#74
N-ethyl acetate
Concen: 50.803 ug/l
RT: 12.233 min Scan# 1810
Delta R.T. -0.001 min
Lab File: VD075284.D
Acq: 09 Feb 2023 09:43

Tgt Ion: 43 Resp: 37441
Ion Ratio Lower Upper
43 100
70 38.1 32.6 49.0
55 22.9 17.8 26.8
61 21.7 18.7 28.1

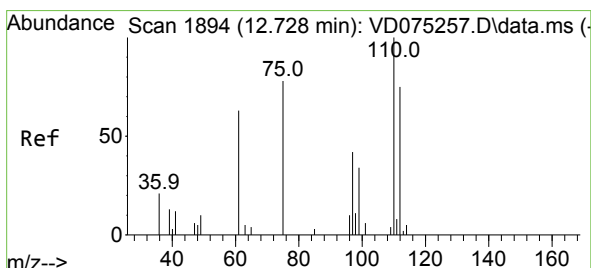
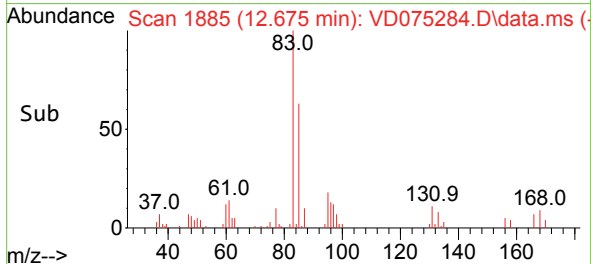
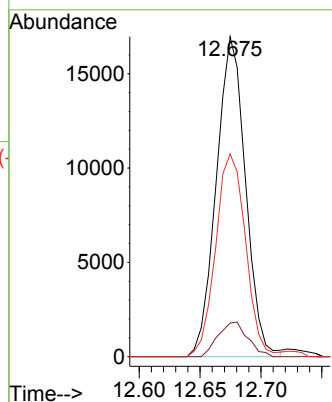
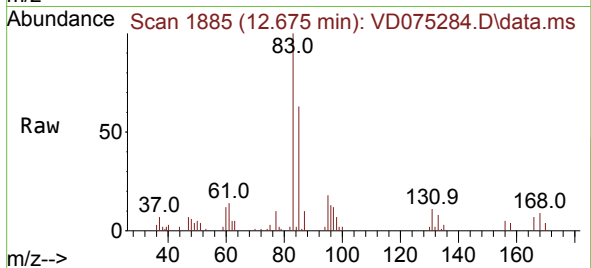




#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.549 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. -0.000 min
 Lab File: VD075284.D
 Acq: 09 Feb 2023 09:43

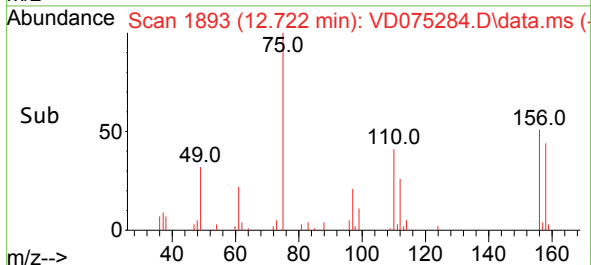
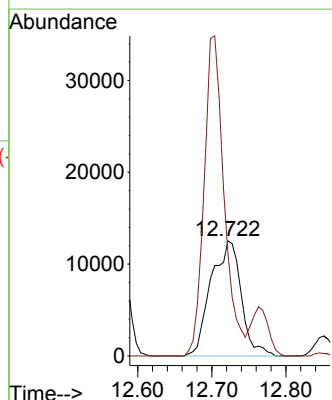
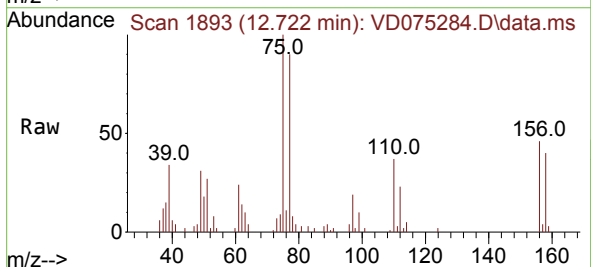
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

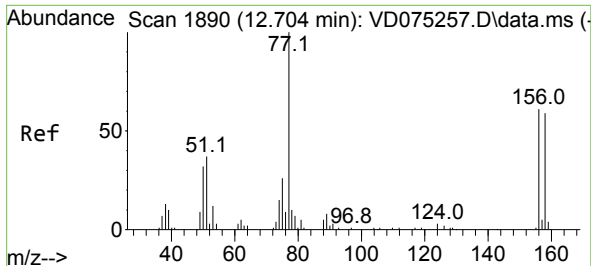
Tgt Ion: 83 Resp: 28272
 Ion Ratio Lower Upper
 83 100
 131 11.0 4.9 14.6
 85 65.0 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 77.101 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. -0.006 min
 Lab File: VD075284.D
 Acq: 09 Feb 2023 09:43

Tgt Ion: 75 Resp: 35454
 Ion Ratio Lower Upper
 75 100
 77 185.5 0.0 0.0#

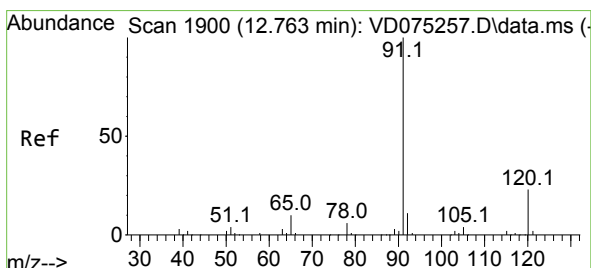
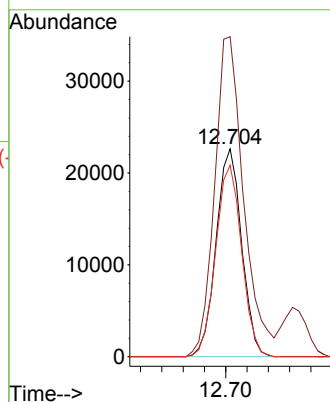
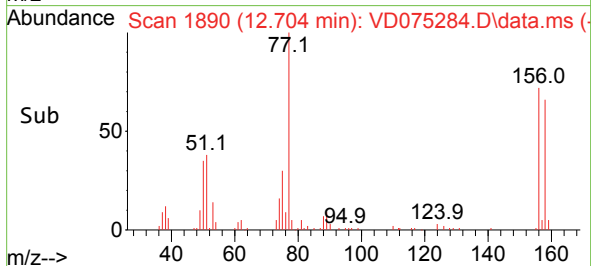
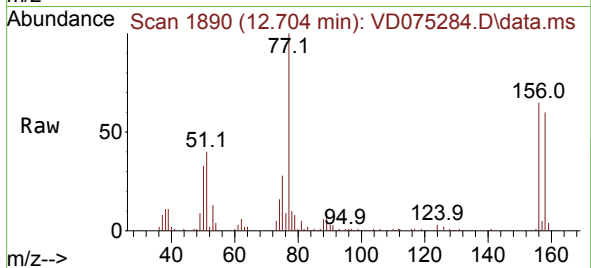




#77
Bromobenzene
Concen: 50.617 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD075284.D
Acq: 09 Feb 2023 09:43

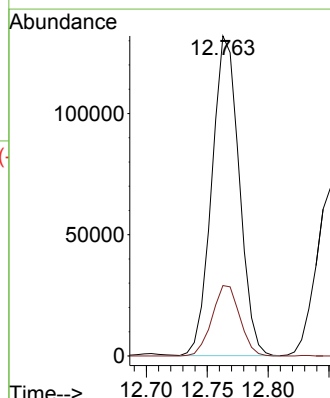
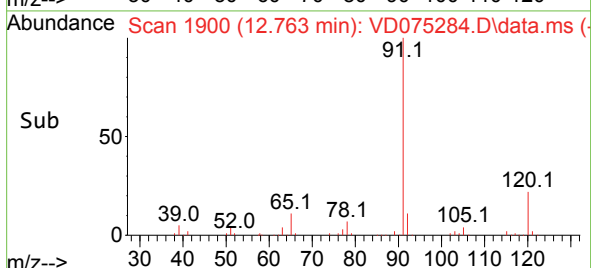
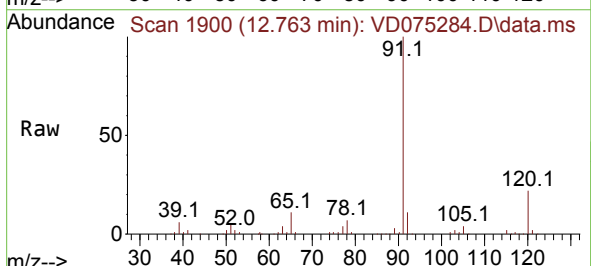
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

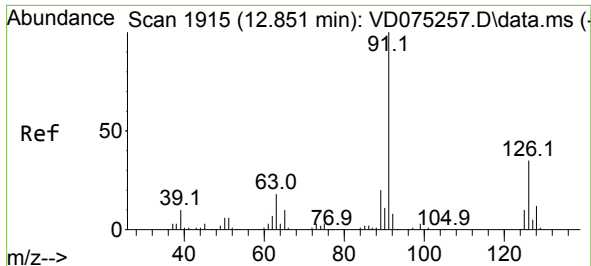
Tgt Ion:156 Resp: 37591
Ion Ratio Lower Upper
156 100
77 175.0 85.6 256.8
158 93.7 47.3 141.9



#78
n-propylbenzene
Concen: 50.495 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD075284.D
Acq: 09 Feb 2023 09:43

Tgt Ion: 91 Resp: 206064
Ion Ratio Lower Upper
91 100
120 22.3 11.7 35.0

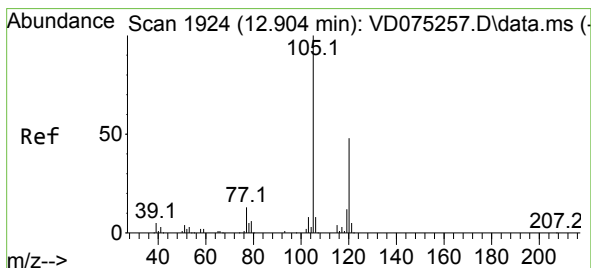
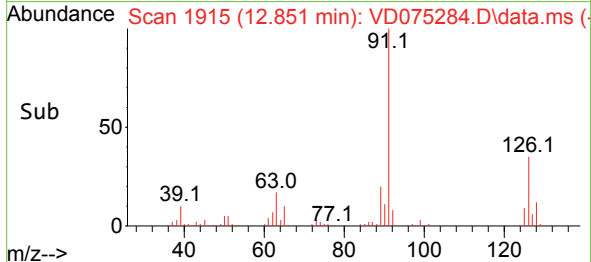
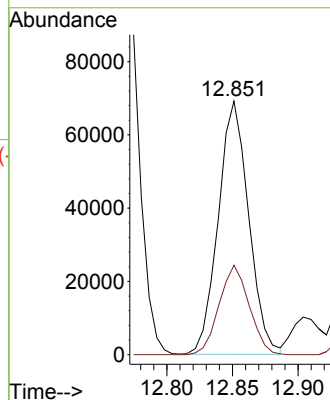
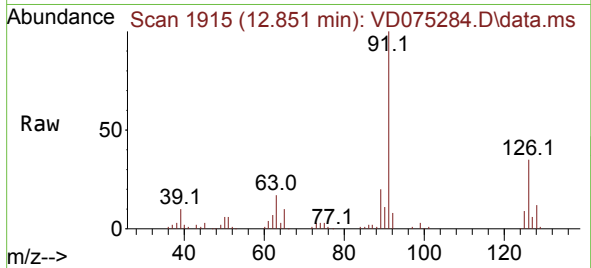




#79
2-Chlorotoluene
Concen: 49.961 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD075284.D
Acq: 09 Feb 2023 09:43

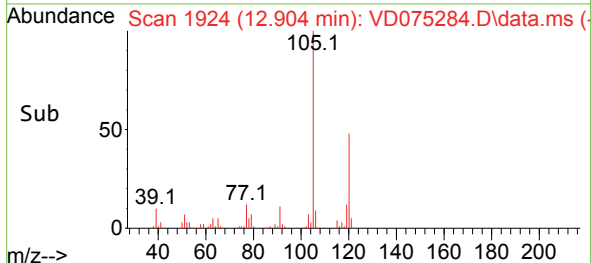
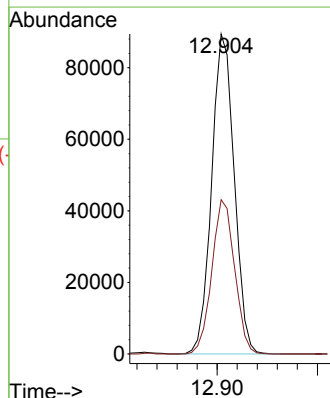
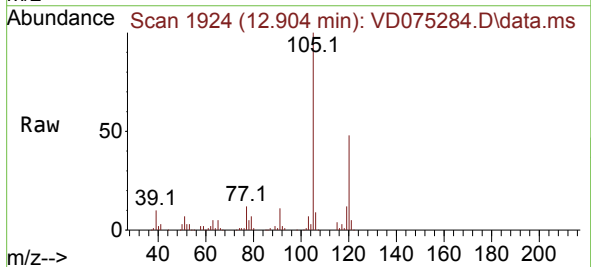
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

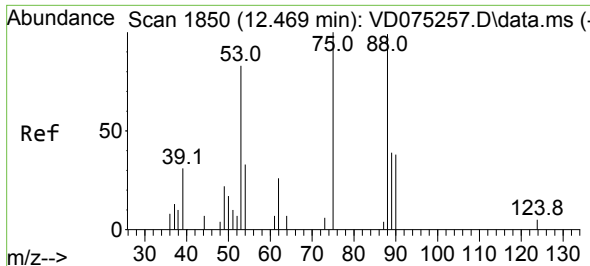
Tgt Ion: 91 Resp: 111834
Ion Ratio Lower Upper
91 100
126 34.7 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 51.114 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD075284.D
Acq: 09 Feb 2023 09:43

Tgt Ion: 105 Resp: 139580
Ion Ratio Lower Upper
105 100
120 48.7 24.6 73.8

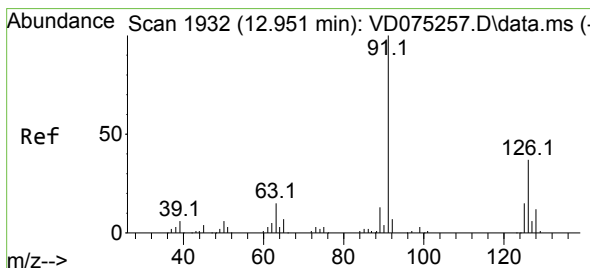
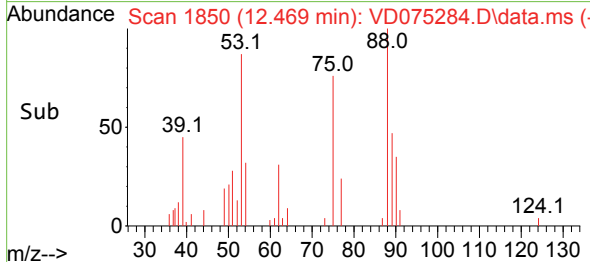
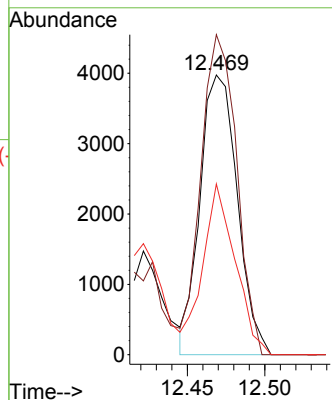
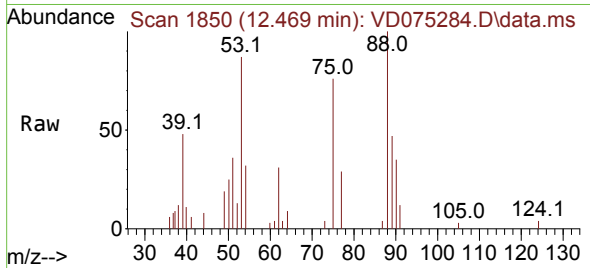




#81
trans-1,4-Dichloro-2-butene
Concen: 47.090 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD075284.D
Acq: 09 Feb 2023 09:43

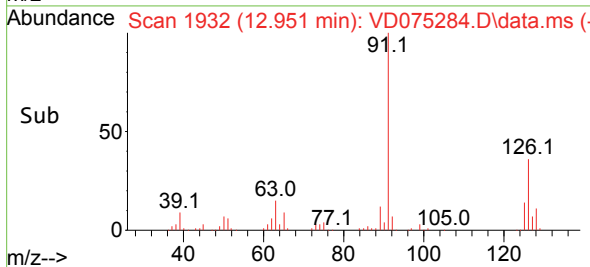
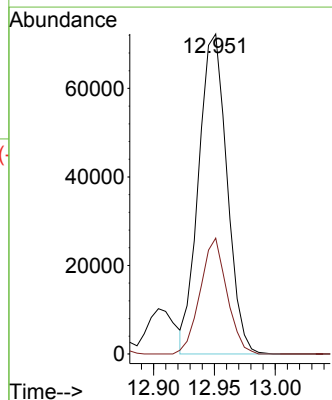
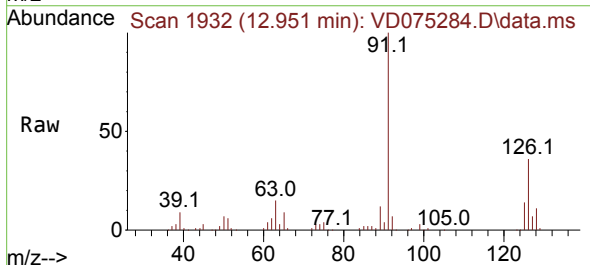
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

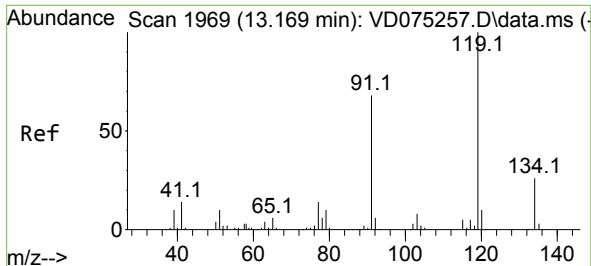
Tgt Ion: 75 Resp: 6653
Ion Ratio Lower Upper
75 100
53 109.5 70.5 105.7#
89 53.5 34.6 52.0#



#82
4-Chlorotoluene
Concen: 50.262 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.000 min
Lab File: VD075284.D
Acq: 09 Feb 2023 09:43

Tgt Ion: 91 Resp: 117363
Ion Ratio Lower Upper
91 100
126 34.0 17.3 52.0

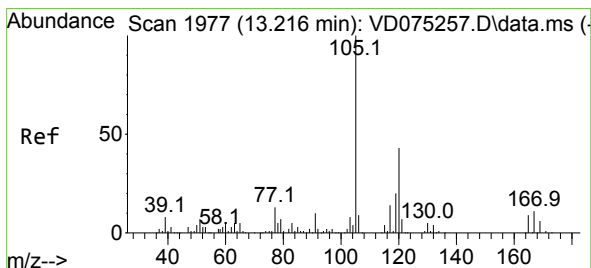
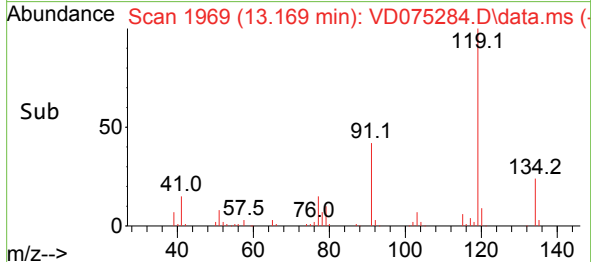
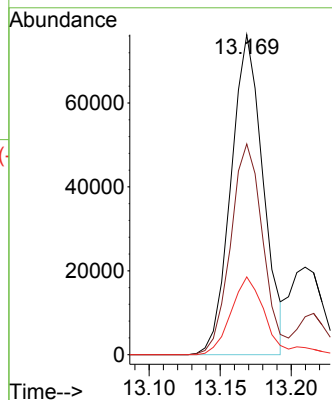
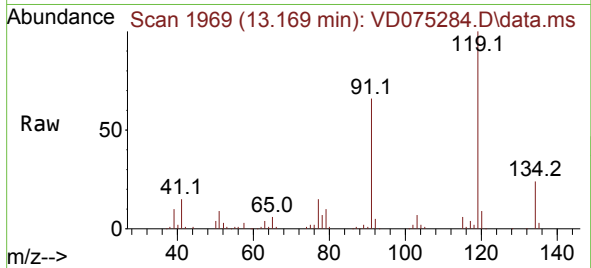




#83
tert-Butylbenzene
Concen: 51.109 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD075284.D
Acq: 09 Feb 2023 09:43

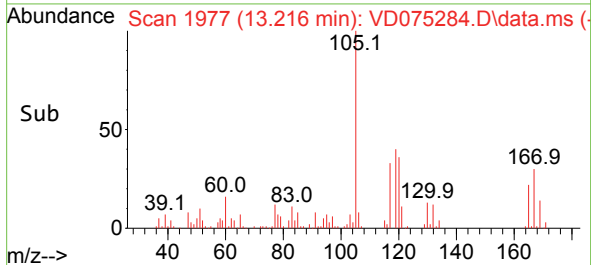
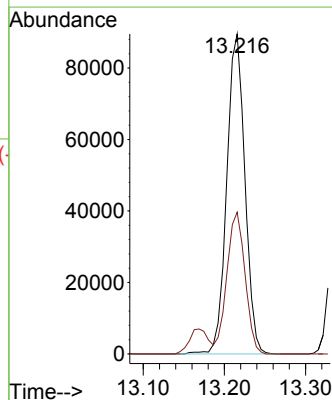
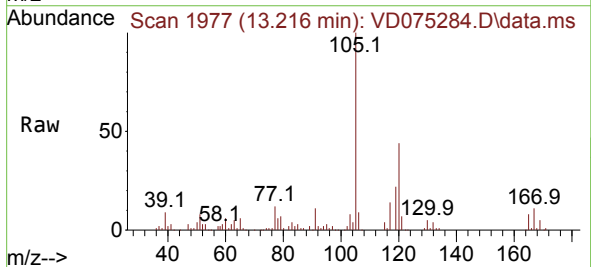
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

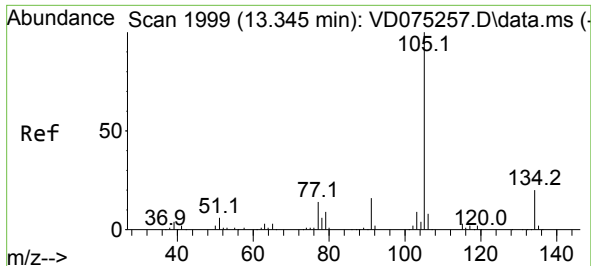
Tgt Ion:119 Resp: 120323
Ion Ratio Lower Upper
119 100
91 66.5 32.9 98.6
134 26.5 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 51.008 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD075284.D
Acq: 09 Feb 2023 09:43

Tgt Ion:105 Resp: 139121
Ion Ratio Lower Upper
105 100
120 44.5 23.2 69.5

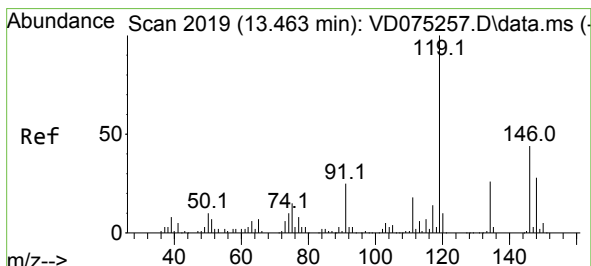
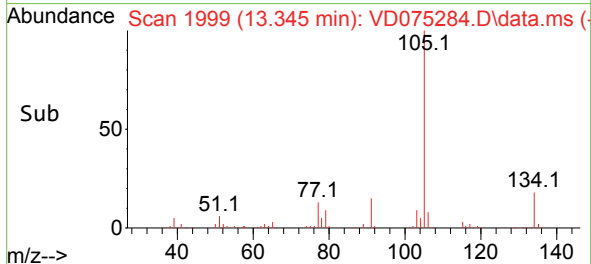
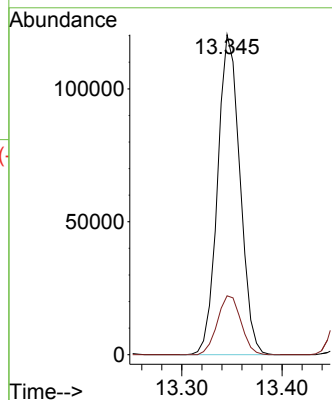
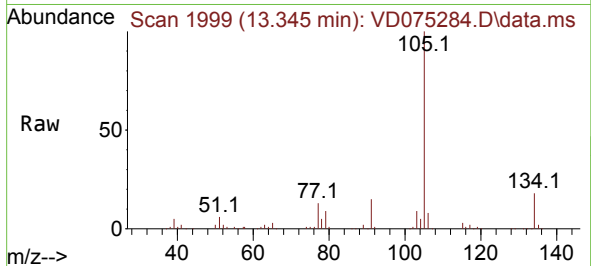




#85
 sec-Butylbenzene
 Concen: 51.532 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD075284.D
 Acq: 09 Feb 2023 09:43

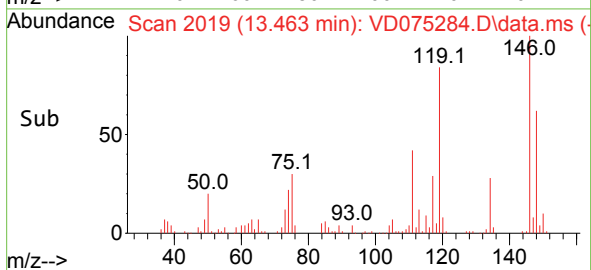
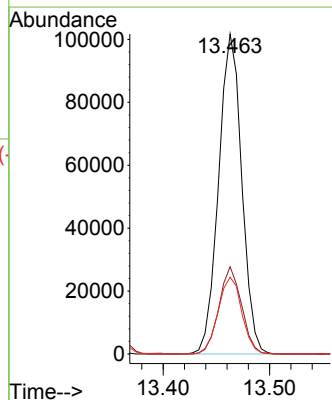
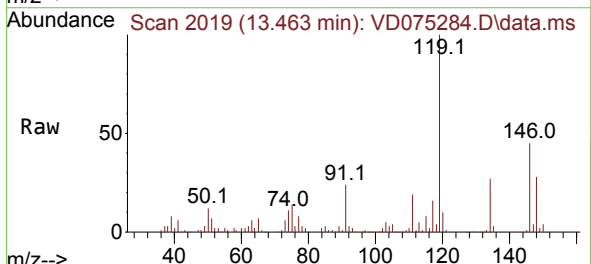
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

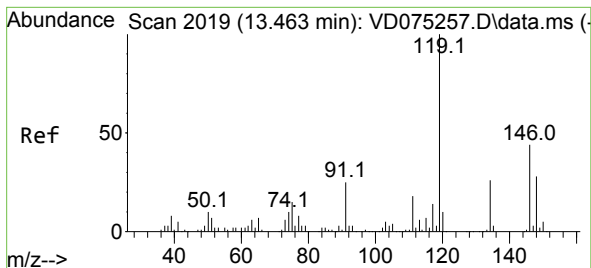
Tgt Ion:105 Resp: 186113
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 51.886 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD075284.D
 Acq: 09 Feb 2023 09:43

Tgt Ion:119 Resp: 153291
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.8
 91 24.5 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 50.659 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VD075284.D

Acq: 09 Feb 2023 09:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

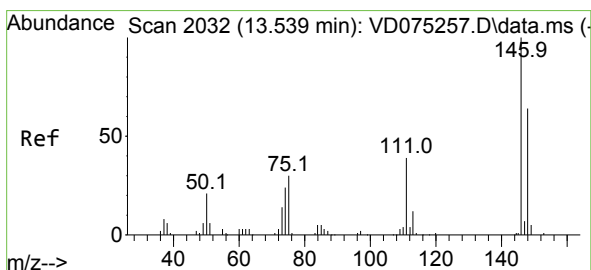
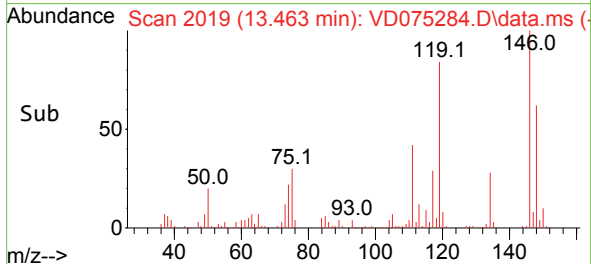
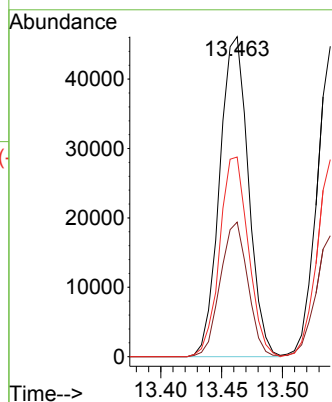
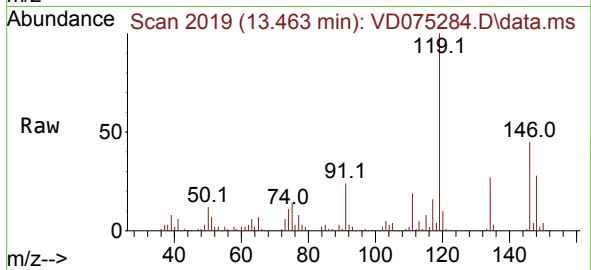
Tgt Ion:146 Resp: 76042

Ion Ratio Lower Upper

146 100

111 40.3 18.9 56.9

148 62.1 31.1 93.3



#88

1,4-Dichlorobenzene

Concen: 49.024 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD075284.D

Acq: 09 Feb 2023 09:43

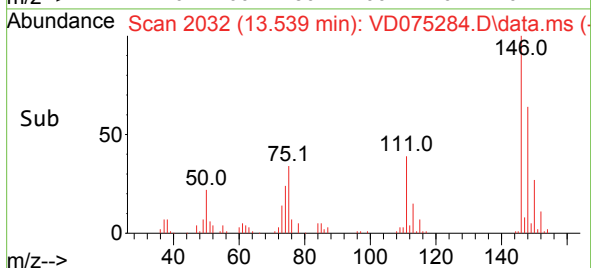
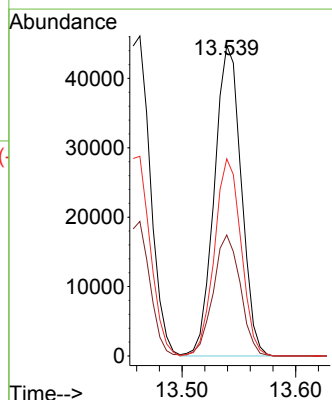
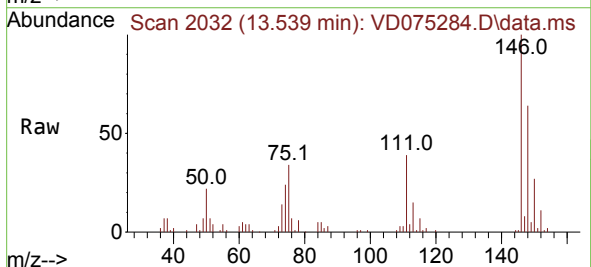
Tgt Ion:146 Resp: 73634

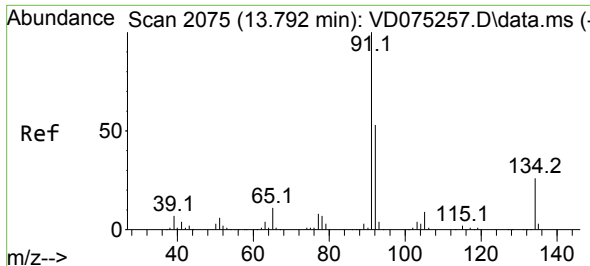
Ion Ratio Lower Upper

146 100

111 39.3 19.7 59.1

148 63.0 31.9 95.5

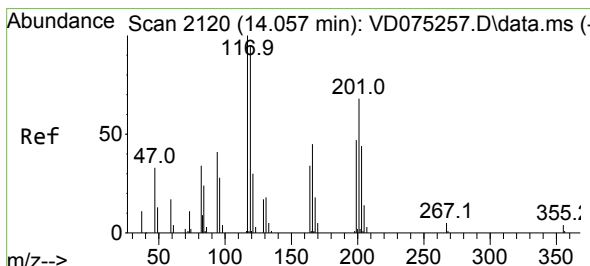
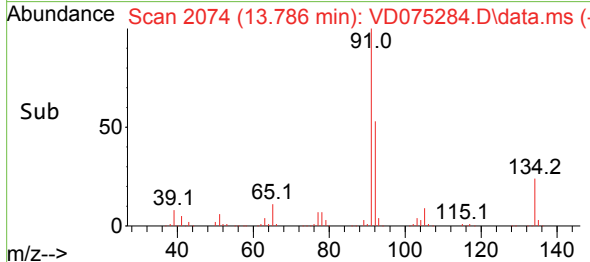
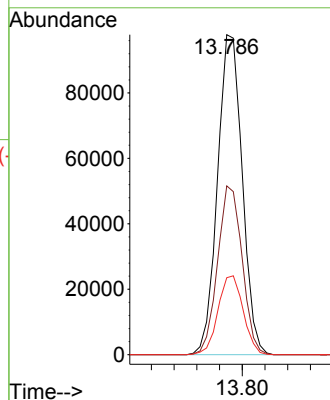
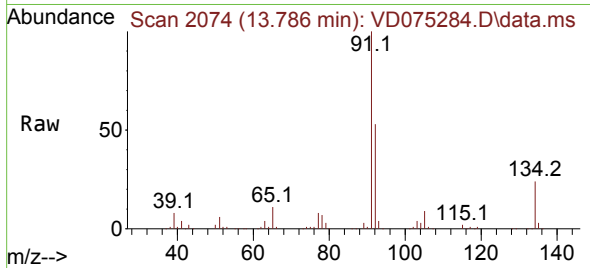




#89
n-Butylbenzene
Concen: 51.277 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.006 min
Lab File: VD075284.D
Acq: 09 Feb 2023 09:43

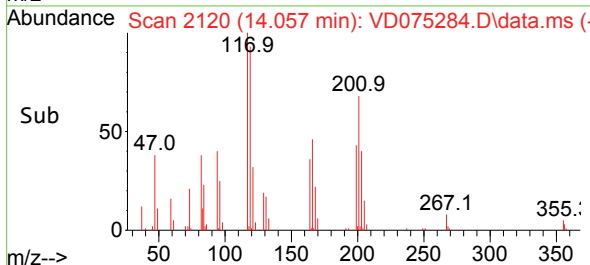
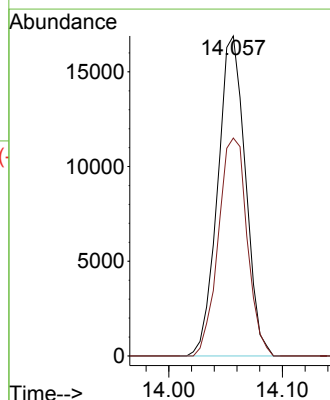
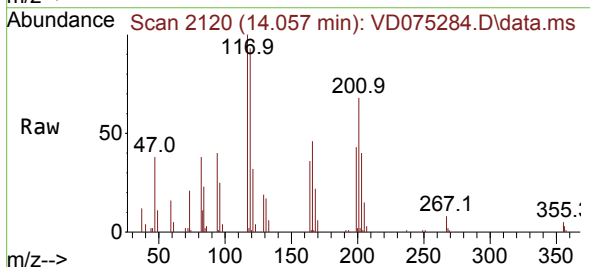
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

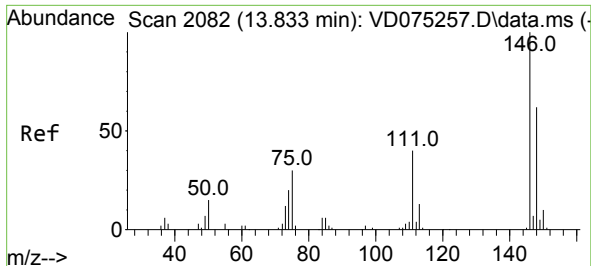
Tgt Ion: 91 Resp: 147897
Ion Ratio Lower Upper
91 100
92 52.4 26.8 80.3
134 25.1 13.3 39.8



#90
Hexachloroethane
Concen: 49.170 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. -0.000 min
Lab File: VD075284.D
Acq: 09 Feb 2023 09:43

Tgt Ion: 117 Resp: 28639
Ion Ratio Lower Upper
117 100
201 70.8 35.1 105.5

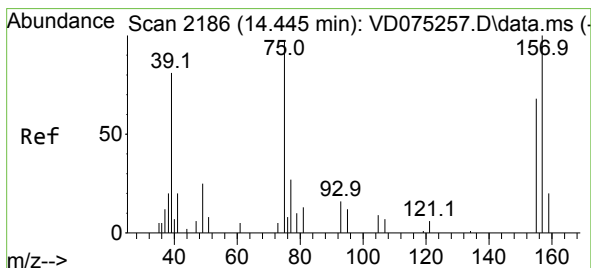
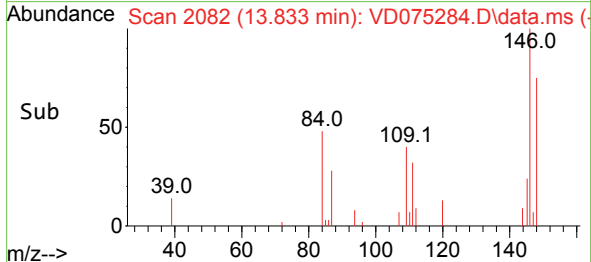
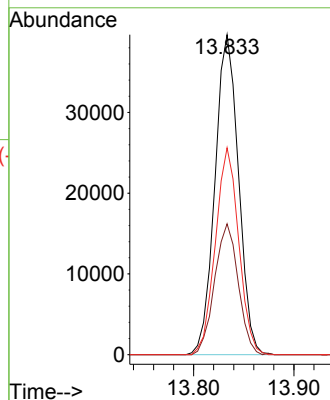
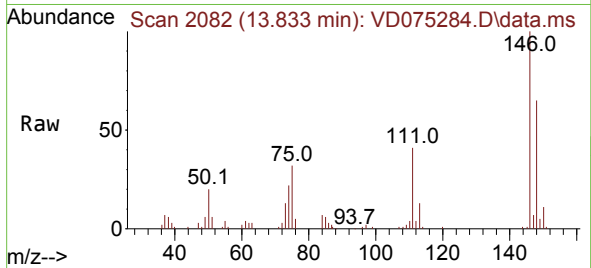




#91
1,2-Dichlorobenzene
Concen: 49.662 ug/l
RT: 13.833 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD075284.D
Acq: 09 Feb 2023 09:43

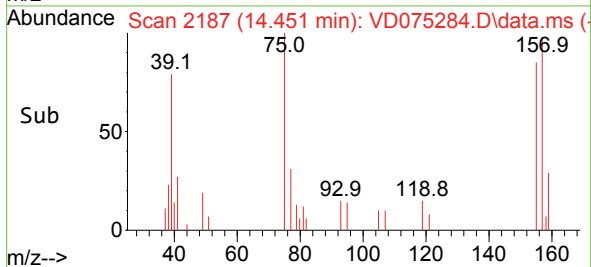
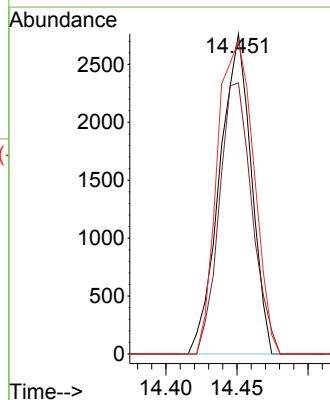
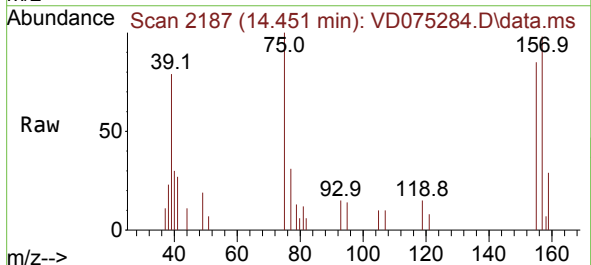
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

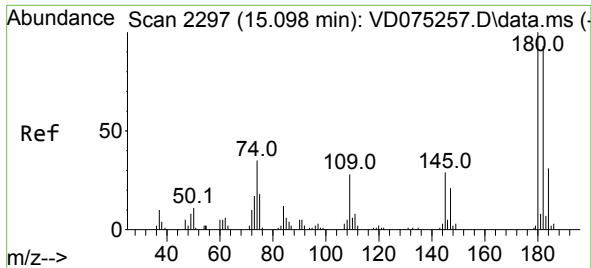
Tgt Ion:146 Resp: 64681
Ion Ratio Lower Upper
146 100
111 41.1 20.4 61.2
148 63.9 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.395 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VD075284.D
Acq: 09 Feb 2023 09:43

Tgt Ion: 75 Resp: 4283
Ion Ratio Lower Upper
75 100
155 87.4 43.4 130.2
157 112.7 56.4 169.2

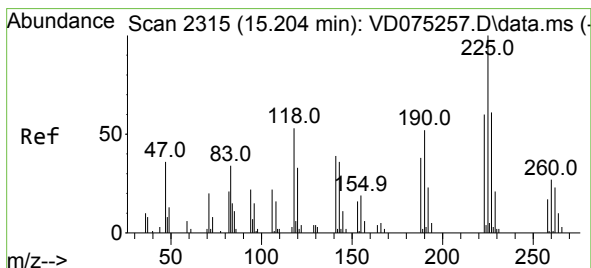
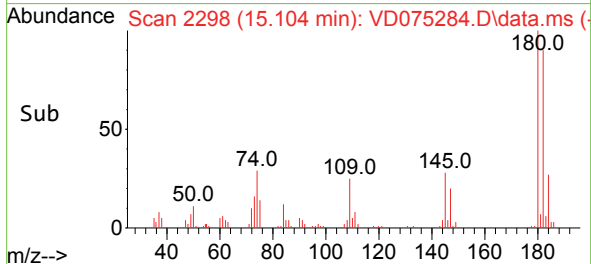
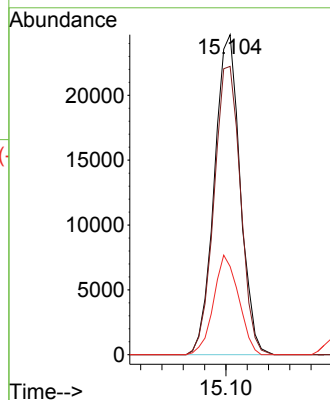
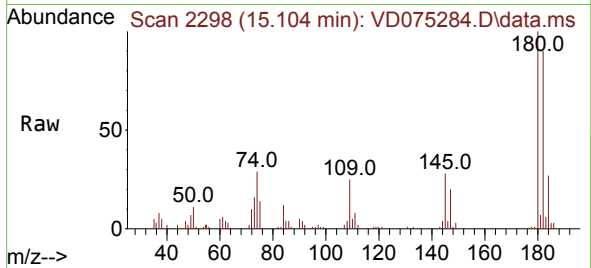




#93
1,2,4-Trichlorobenzene
Concen: 50.744 ug/l
RT: 15.104 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD075284.D
Acq: 09 Feb 2023 09:43

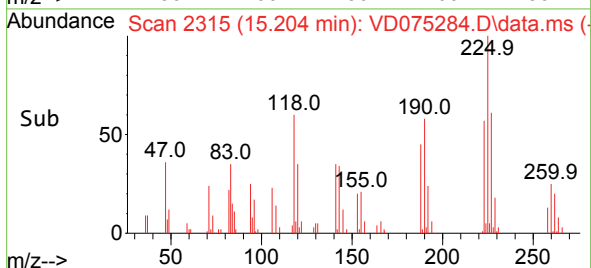
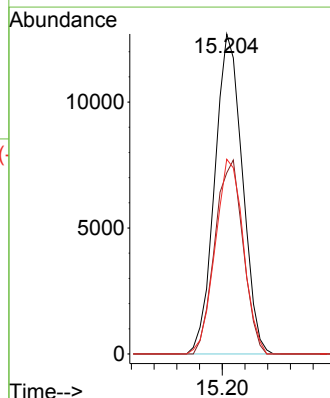
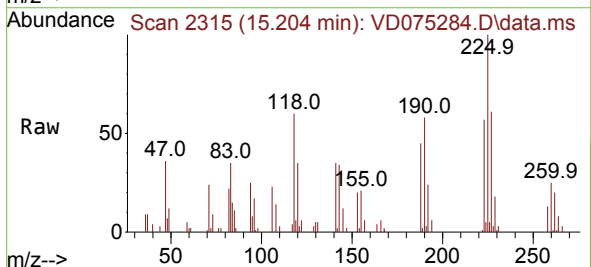
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

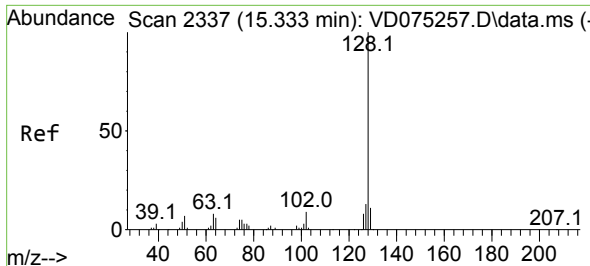
Tgt Ion:180 Resp: 41392
Ion Ratio Lower Upper
180 100
182 92.5 46.2 138.6
145 30.3 15.8 47.4



#94
Hexachlorobutadiene
Concen: 49.886 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. -0.000 min
Lab File: VD075284.D
Acq: 09 Feb 2023 09:43

Tgt Ion:225 Resp: 21469
Ion Ratio Lower Upper
225 100
223 61.9 31.8 95.4
227 62.2 30.7 92.1

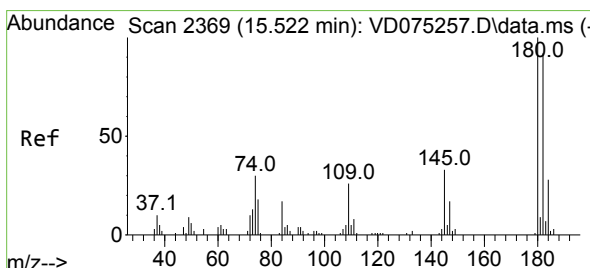
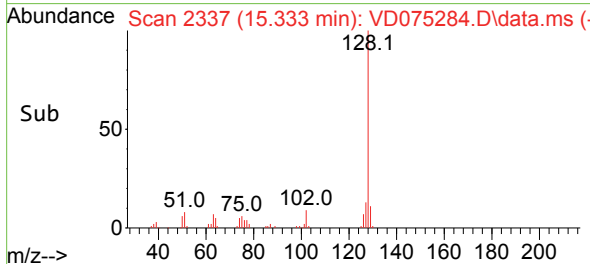
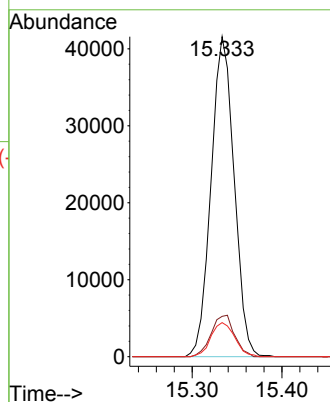
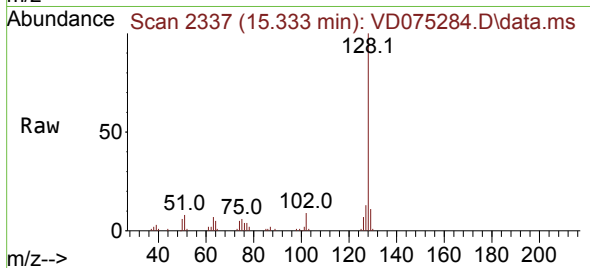




#95
Naphthalene
Concen: 48.908 ug/l
RT: 15.333 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD075284.D
Acq: 09 Feb 2023 09:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:	128	Resp:	74255
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.6	15.8
129	11.0	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 48.943 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD075284.D
Acq: 09 Feb 2023 09:43

Tgt Ion:	180	Resp:	34446
Ion Ratio	Lower	Upper	
180	100		
182	95.8	47.0	141.0
145	32.9	16.1	48.3

