

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022223\
 Data File : VD075395.D
 Acq On : 22 Feb 2023 11:08
 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 22 22:35:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022123S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 21 16:26:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	60644	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	97704	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	87866	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	44344	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	25708	49.181	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.360%
35) Dibromofluoromethane	7.804	113	26734	46.092	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.180%
50) Toluene-d8	10.269	98	92238	44.065	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.120%
62) 4-Bromofluorobenzene	12.575	95	32959	46.892	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.780%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	30027	44.290	ug/l	96
3) Chloromethane	2.146	50	43900	44.256	ug/l	95
4) Vinyl Chloride	2.281	62	49563	47.067	ug/l	100
5) Bromomethane	2.687	94	29986	50.147	ug/l	98
6) Chloroethane	2.834	64	33393	45.889	ug/l	92
7) Trichlorofluoromethane	3.175	101	60078	48.574	ug/l	99
8) Diethyl Ether	3.587	74	14723	51.125	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.963	101	35610	50.516	ug/l	97
10) Methyl Iodide	4.169	142	36330	47.540	ug/l	98
11) Tert butyl alcohol	5.046	59	7350	199.586	ug/l #	100
12) 1,1-Dichloroethene	3.940	96	33301	50.671	ug/l	92
13) Acrolein	3.793	56	1983	136.602	ug/l	98
14) Allyl chloride	4.558	41	52521	50.538	ug/l	96
15) Acrylonitrile	5.252	53	32467	233.506	ug/l	98
16) Acetone	4.016	43	46293	294.950	ug/l	96
17) Carbon Disulfide	4.269	76	108653	46.941	ug/l	98
18) Methyl Acetate	4.563	43	22382	45.508	ug/l	98
19) Methyl tert-butyl Ether	5.316	73	65454	49.192	ug/l	99
20) Methylene Chloride	4.799	84	38702	51.473	ug/l	95
21) trans-1,2-Dichloroethene	5.316	96	37220	50.665	ug/l	94
22) Diisopropyl ether	6.216	45	104505	52.644	ug/l	97
23) Vinyl Acetate	6.157	43	250664	357.326	ug/l	97
24) 1,1-Dichloroethane	6.116	63	64595	49.551	ug/l	99
25) 2-Butanone	7.075	43	52442	267.932	ug/l	99
26) 2,2-Dichloropropane	7.075	77	59005	52.042	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	39250	50.225	ug/l	99
28) Bromochloromethane	7.428	49	13304	50.863	ug/l	94
29) Tetrahydrofuran	7.446	42	27345	247.704	ug/l	95
30) Chloroform	7.599	83	65457	50.001	ug/l	96
31) Cyclohexane	7.875	56	58747	47.730	ug/l	98
32) 1,1,1-Trichloroethane	7.793	97	60078	49.856	ug/l	99
36) 1,1-Dichloropropene	8.010	75	52979	50.962	ug/l	98
37) Ethyl Acetate	7.169	43	20409	50.163	ug/l #	97
38) Carbon Tetrachloride	7.993	117	52820	50.710	ug/l	93
39) Methylcyclohexane	9.275	83	61731	50.380	ug/l	100
40) Benzene	8.251	78	142616	50.114	ug/l	98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	9977	42.759	ug/l #	84
42) 1,2-Dichloroethane	8.322	62	40938	51.519	ug/l	100
43) Isopropyl Acetate	8.357	43	38048	49.772	ug/l #	85
44) Trichloroethene	9.028	130	37816	49.602	ug/l	97
45) 1,2-Dichloropropane	9.304	63	36012	51.890	ug/l	95
46) Dibromomethane	9.393	93	19152	50.681	ug/l	99
47) Bromodichloromethane	9.587	83	48904	50.855	ug/l #	95
48) Methyl methacrylate	9.381	41	18767	48.836	ug/l	94
49) 1,4-Dioxane	9.381	88	3280	950.536	ug/l	97
51) 4-Methyl-2-Pentanone	10.163	43	99208	256.253	ug/l	98
52) Toluene	10.334	92	92342	52.702	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	44262	56.222	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	52900	55.425	ug/l	99
55) 1,1,2-Trichloroethane	10.734	97	24092	49.211	ug/l	94
56) Ethyl methacrylate	10.598	69	28369	52.074	ug/l	98
57) 1,3-Dichloropropane	10.881	76	42216	50.066	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	39844	292.732	ug/l	99
59) 2-Hexanone	10.922	43	75293	275.604	ug/l	100
60) Dibromochloromethane	11.075	129	31025	49.567	ug/l	97
61) 1,2-Dibromoethane	11.181	107	23578	50.792	ug/l	98
64) Tetrachloroethene	10.810	164	31559	50.179	ug/l	91
65) Chlorobenzene	11.610	112	93022	50.616	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	34988	52.427	ug/l	99
67) Ethyl Benzene	11.687	91	178374	53.519	ug/l	99
68) m/p-Xylenes	11.798	106	137077	104.925	ug/l	100
69) o-Xylene	12.122	106	62224	52.005	ug/l	98
70) Styrene	12.139	104	105256	52.710	ug/l	99
71) Bromoform	12.304	173	17624	51.531	ug/l #	99
73) Isopropylbenzene	12.422	105	171807	51.384	ug/l	98
74) N-amyl acetate	12.234	43	35088	49.019	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.675	83	27048	48.272	ug/l	95
76) 1,2,3-Trichloropropane	12.722	75	34905	93.470	ug/l #	100
77) Bromobenzene	12.704	156	36097	47.765	ug/l	98
78) n-propylbenzene	12.769	91	213176	50.955	ug/l	100
79) 2-Chlorotoluene	12.851	91	112327	49.721	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	143103	51.716	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	7277	53.092	ug/l	91
82) 4-Chlorotoluene	12.951	91	120601	50.599	ug/l	99
83) tert-Butylbenzene	13.169	119	119918	49.992	ug/l	97
84) 1,2,4-Trimethylbenzene	13.216	105	142093	51.990	ug/l	98
85) sec-Butylbenzene	13.345	105	188129	50.909	ug/l	100
86) p-Isopropyltoluene	13.463	119	157621	52.503	ug/l	100
87) 1,3-Dichlorobenzene	13.463	146	76642	49.239	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	77057	50.460	ug/l	98
89) n-Butylbenzene	13.792	91	152287	51.564	ug/l	100
90) Hexachloroethane	14.057	117	29923	49.686	ug/l	97
91) 1,2-Dichlorobenzene	13.834	146	65106	49.886	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	4101	48.952	ug/l	90
93) 1,2,4-Trichlorobenzene	15.104	180	39590	49.888	ug/l	99
94) Hexachlorobutadiene	15.210	225	22533	49.056	ug/l	97
95) Naphthalene	15.339	128	68747	48.967	ug/l	98
96) 1,2,3-Trichlorobenzene	15.528	180	33827	50.413	ug/l	98

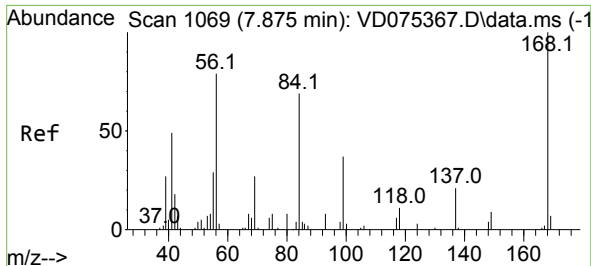
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Response via : Initial Calibration

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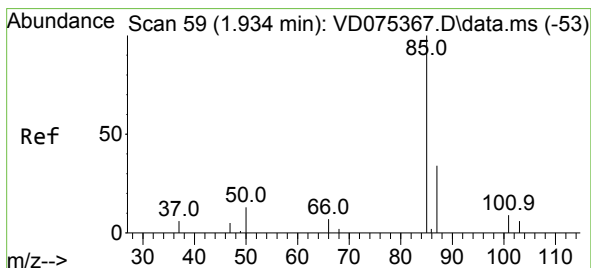
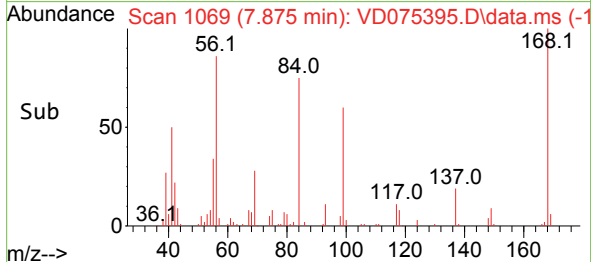
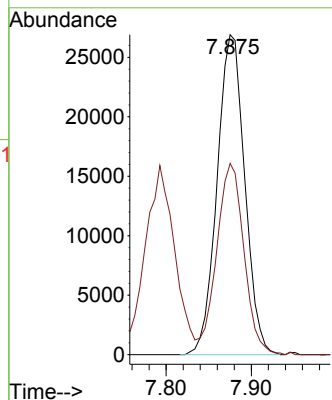
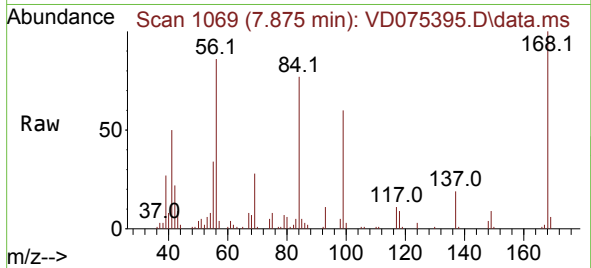
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD075395.D
Acq: 22 Feb 2023 11:08

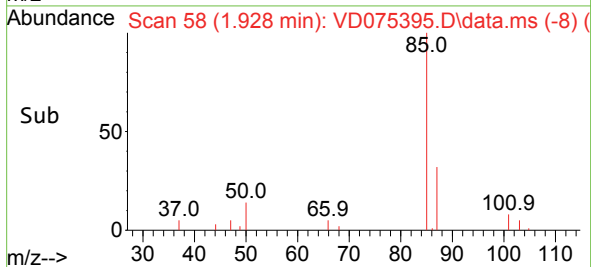
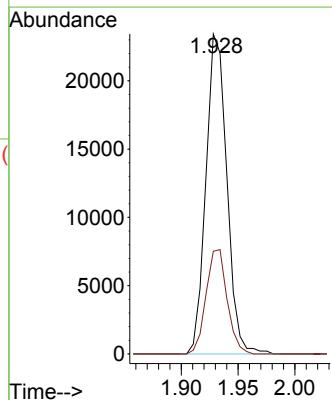
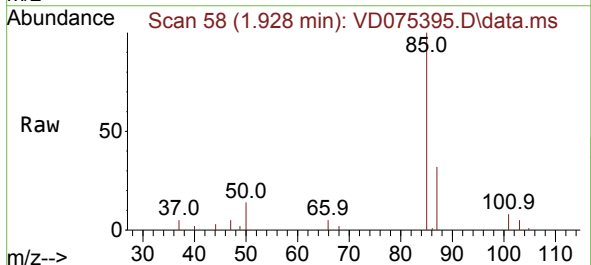
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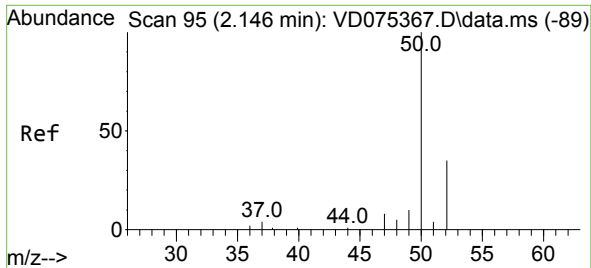
Tgt Ion:168 Resp: 60644
Ion Ratio Lower Upper
168 100
99 59.2 43.8 65.6



#2
Dichlorodifluoromethane
Concen: 44.290 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.006 min
Lab File: VD075395.D
Acq: 22 Feb 2023 11:08

Tgt Ion: 85 Resp: 30027
Ion Ratio Lower Upper
85 100
87 32.1 17.3 51.7

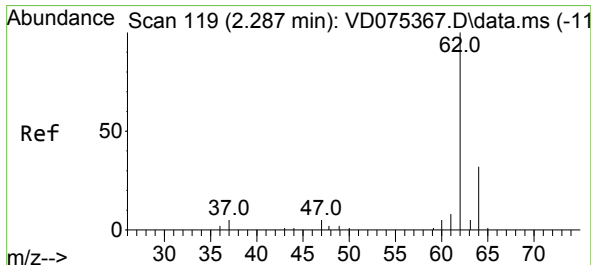
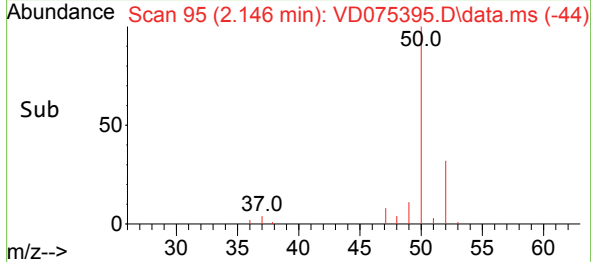
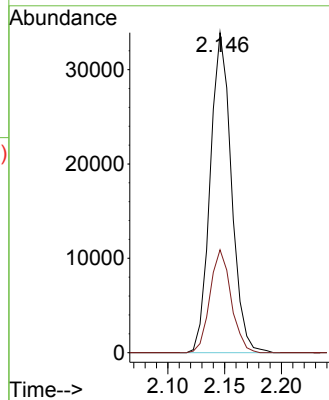
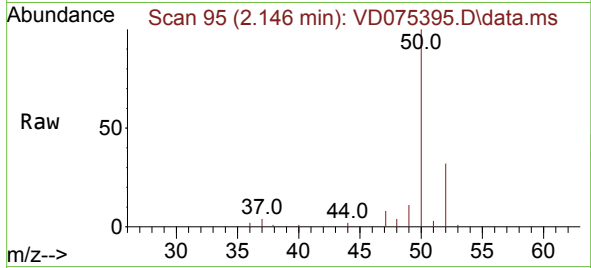




#3
Chloromethane
Concen: 44.256 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075395.D
Acq: 22 Feb 2023 11:08

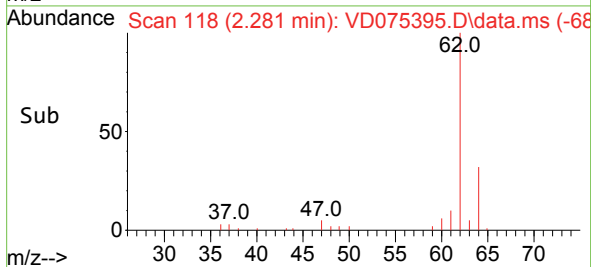
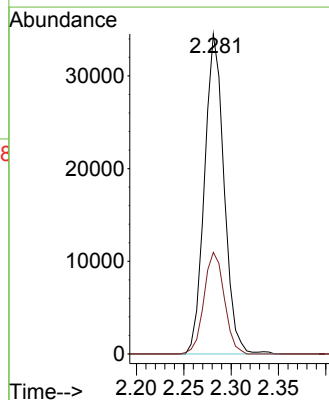
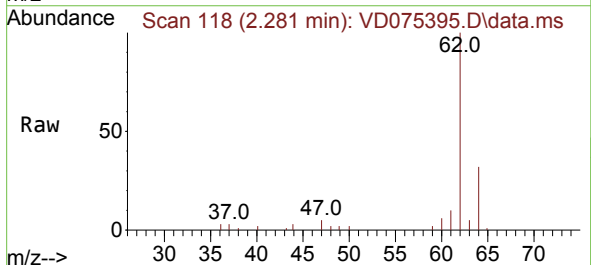
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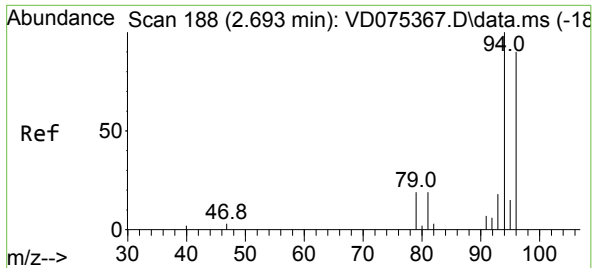
Tgt Ion: 50 Resp: 43900
Ion Ratio Lower Upper
50 100
52 32.1 27.8 41.8



#4
Vinyl Chloride
Concen: 47.067 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD075395.D
Acq: 22 Feb 2023 11:08

Tgt Ion: 62 Resp: 49563
Ion Ratio Lower Upper
62 100
64 31.8 25.4 38.0

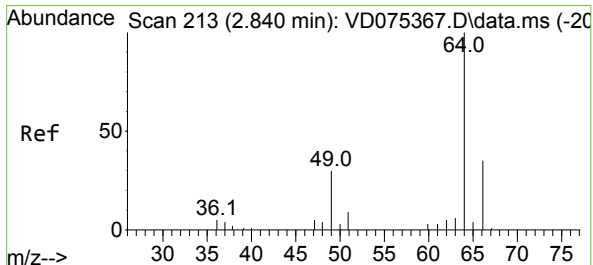
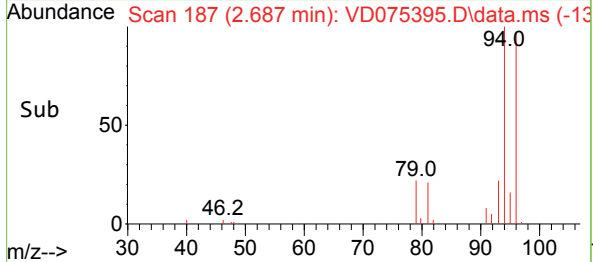
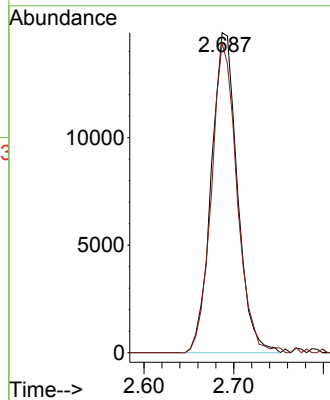
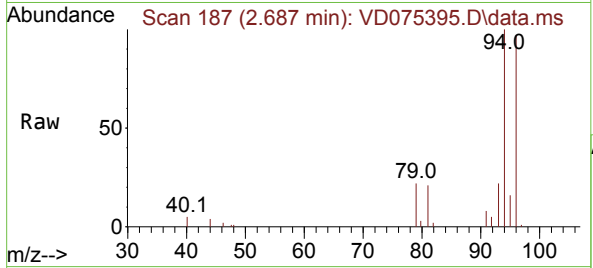




#5
Bromomethane
Concen: 50.147 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075395.D
Acq: 22 Feb 2023 11:08

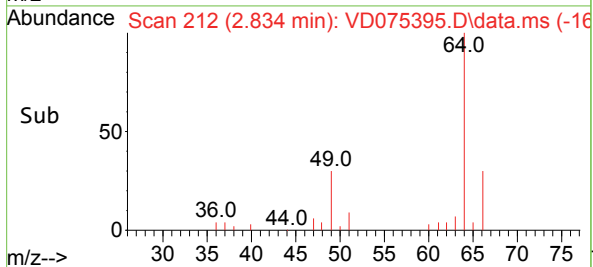
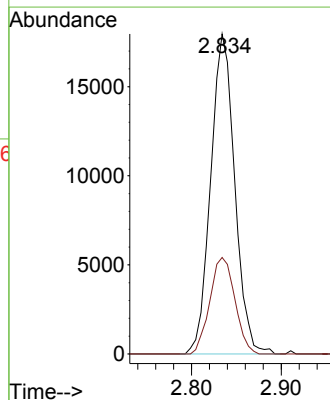
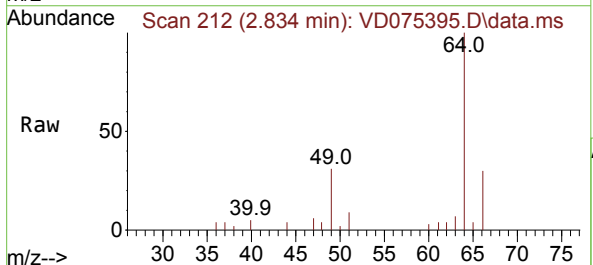
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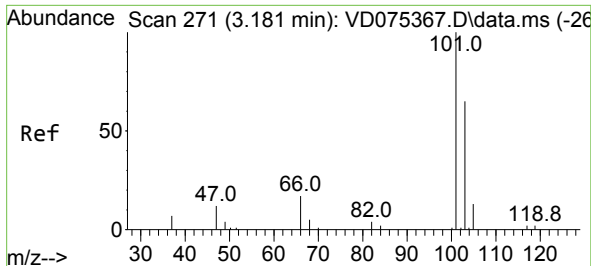
Tgt Ion: 94 Resp: 29986
Ion Ratio Lower Upper
94 100
96 94.9 77.5 116.3



#6
Chloroethane
Concen: 45.889 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD075395.D
Acq: 22 Feb 2023 11:08

Tgt Ion: 64 Resp: 33393
Ion Ratio Lower Upper
64 100
66 30.2 27.7 41.5

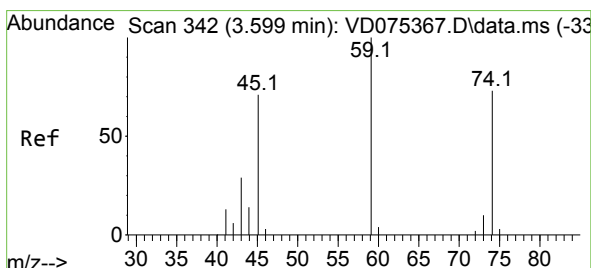
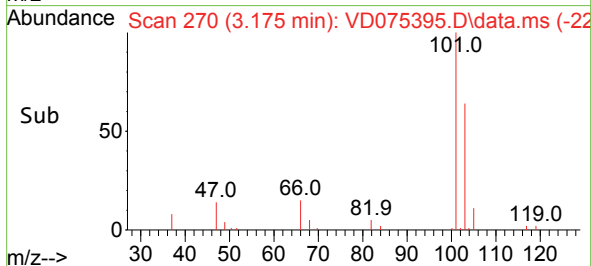
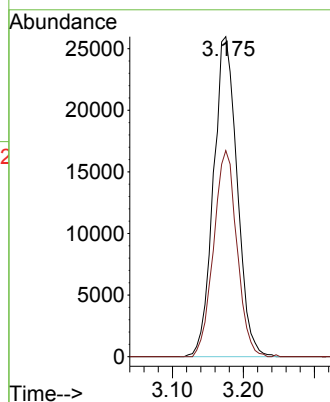
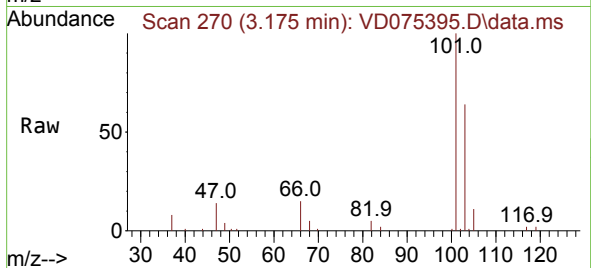




#7
Trichlorofluoromethane
Concen: 48.574 ug/l
RT: 3.175 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD075395.D
Acq: 22 Feb 2023 11:08

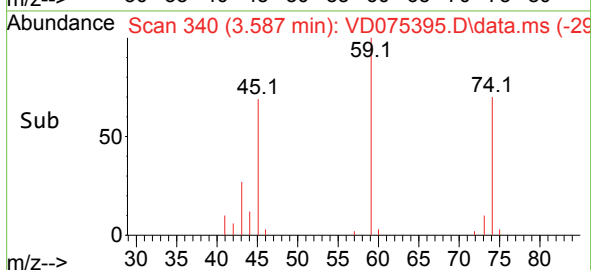
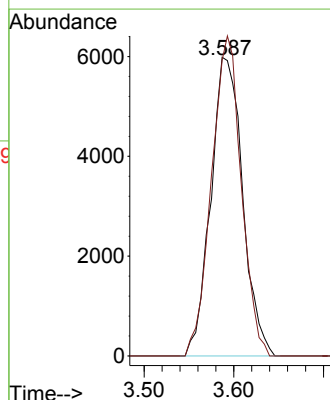
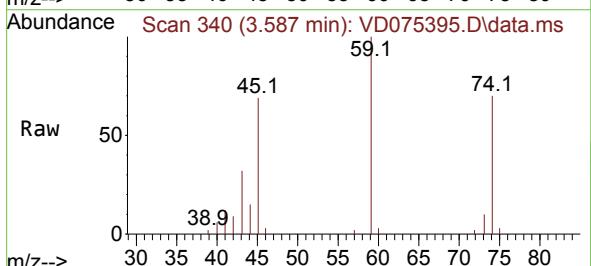
Instrument :
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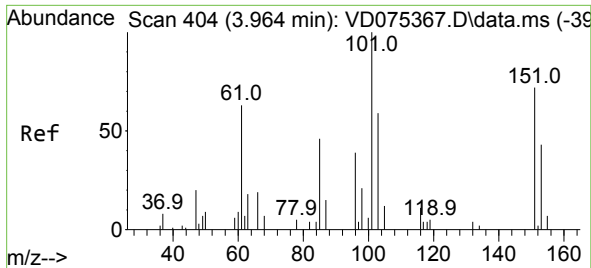
Tgt Ion:101 Resp: 60078
Ion Ratio Lower Upper
101 100
103 64.4 51.9 77.9



#8
Diethyl Ether
Concen: 51.125 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.012 min
Lab File: VD075395.D
Acq: 22 Feb 2023 11:08

Tgt Ion: 74 Resp: 14723
Ion Ratio Lower Upper
74 100
45 100.0 50.9 152.7

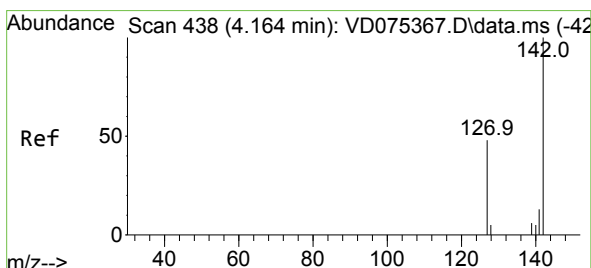
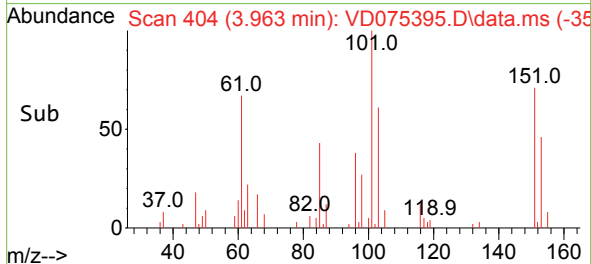
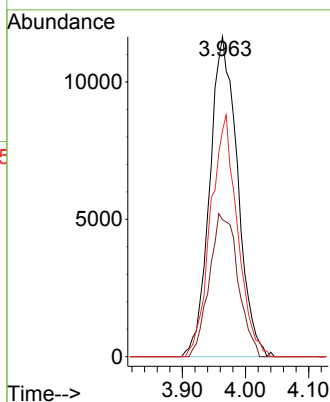
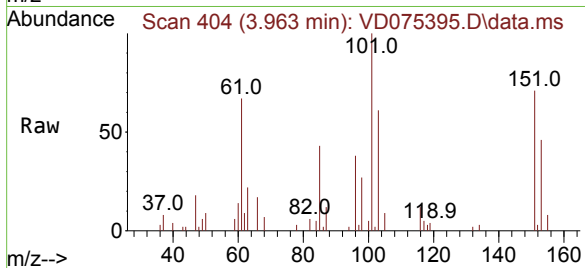




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.516 ug/l
RT: 3.963 min Scan# 404
Delta R.T. -0.001 min
Lab File: VD075395.D
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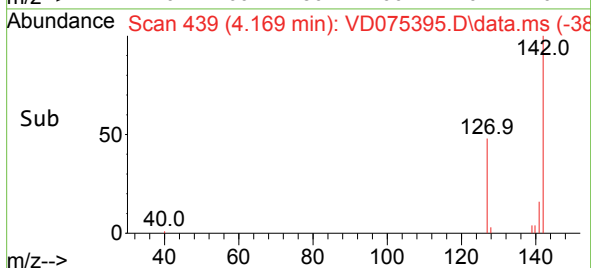
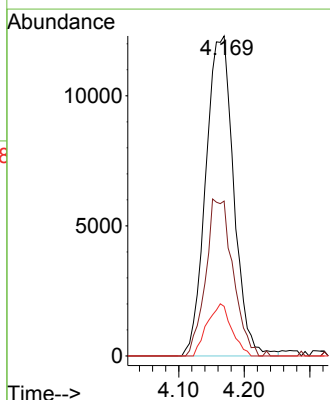
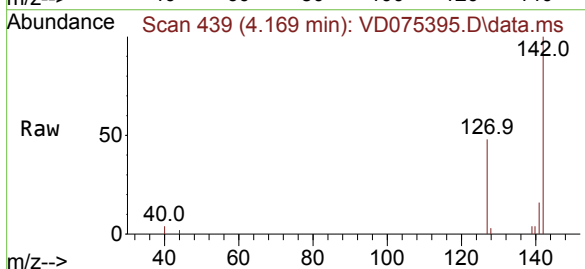
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ClientSampleId :
VSTDCCC050

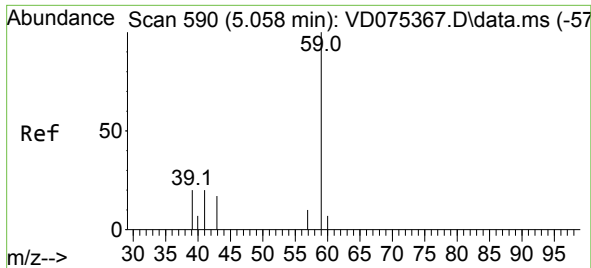
Tgt Ion:101 Resp: 35610
Ion Ratio Lower Upper
101 100
85 45.9 38.3 57.5
151 73.0 60.4 90.6



#10
Methyl Iodide
Concen: 47.540 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.005 min
Lab File: VD075395.D
Acq: 22 Feb 2023 11:08

Tgt Ion:142 Resp: 36330
Ion Ratio Lower Upper
142 100
127 47.8 37.1 55.7
141 14.3 11.3 16.9

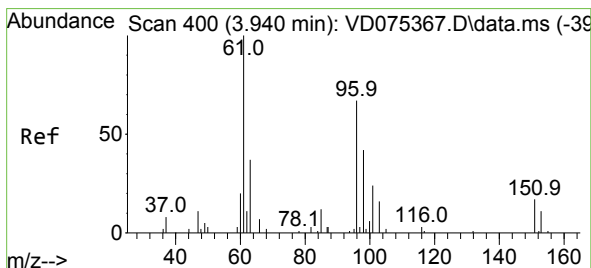
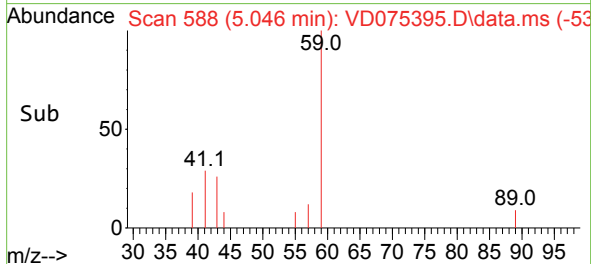
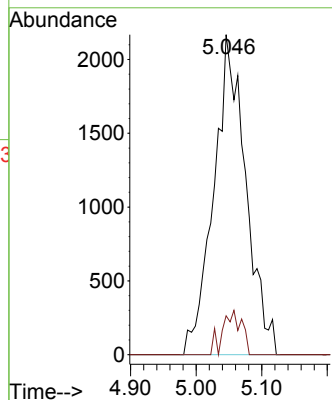
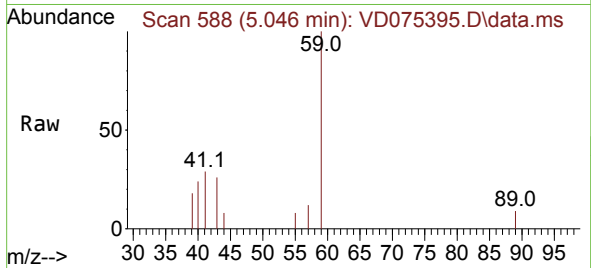




#11
Tert butyl alcohol
Concen: 199.586 ug/l
RT: 5.046 min Scan# 51
Delta R.T. -0.012 min
Lab File: VD075395.D
Acq: 22 Feb 2023 11:08

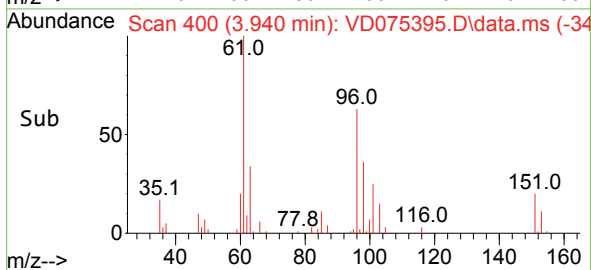
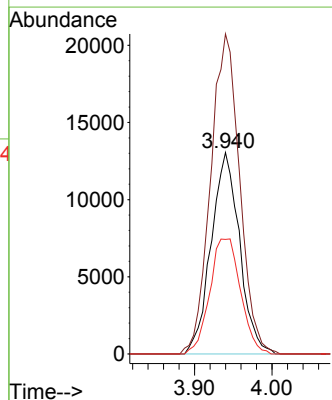
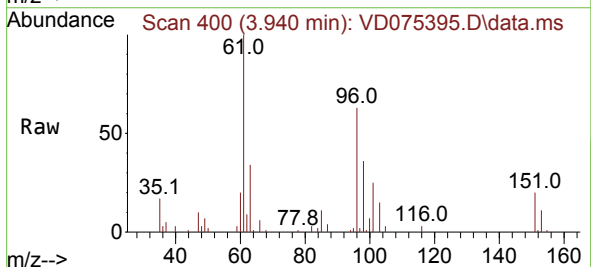
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

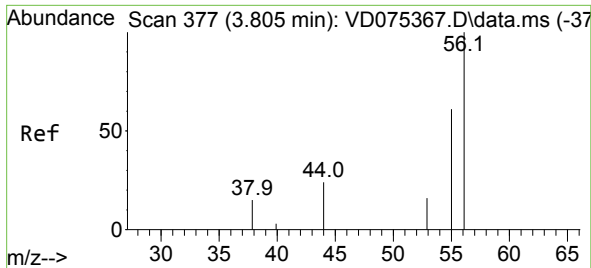
Tgt Ion: 59 Resp: 7350
Ion Ratio Lower Upper
59 100
57 8.2 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 50.671 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.000 min
Lab File: VD075395.D
Acq: 22 Feb 2023 11:08

Tgt Ion: 96 Resp: 33301
Ion Ratio Lower Upper
96 100
61 158.8 118.6 177.8
98 56.9 49.7 74.5

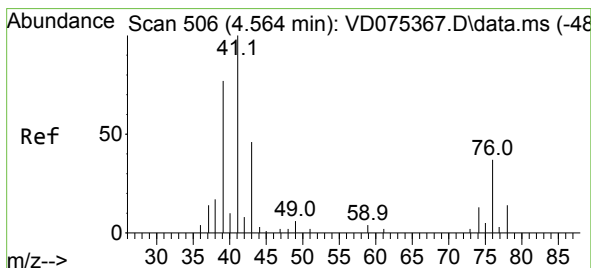
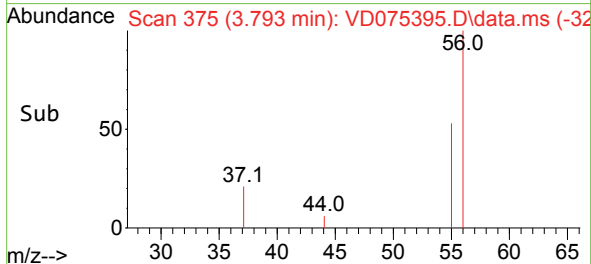
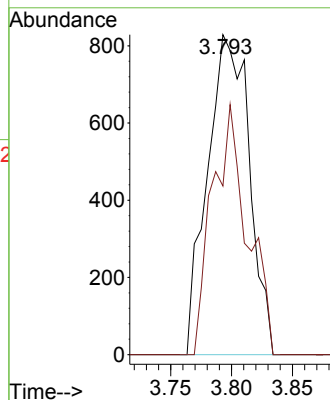
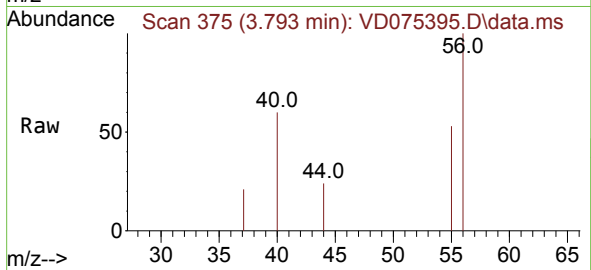




#13
Acrolein
Concen: 136.602 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.012 min
Lab File: VD075395.D
Acq: 22 Feb 2023 11:08

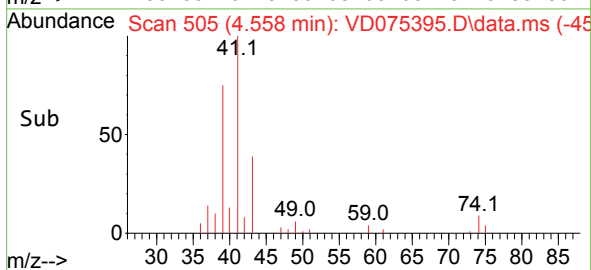
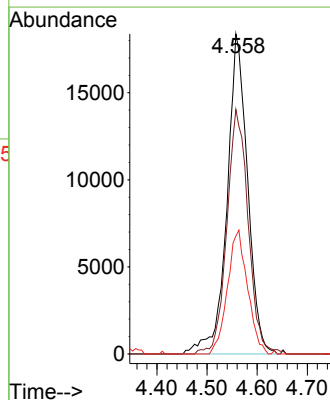
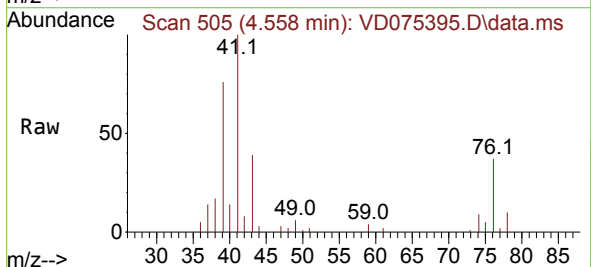
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

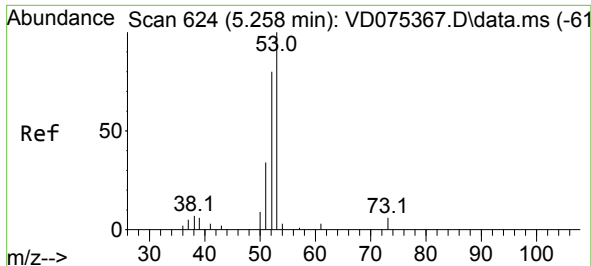
Tgt Ion: 56 Resp: 1983
Ion Ratio Lower Upper
56 100
55 65.4 53.9 80.9



#14
Allyl chloride
Concen: 50.538 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD075395.D
Acq: 22 Feb 2023 11:08

Tgt Ion: 41 Resp: 52521
Ion Ratio Lower Upper
41 100
39 79.0 60.6 90.8
76 37.7 28.6 43.0





#15

Acrylonitrile

Concen: 233.506 ug/l

RT: 5.252 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD075395.D

Acq: 22 Feb 2023 11:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

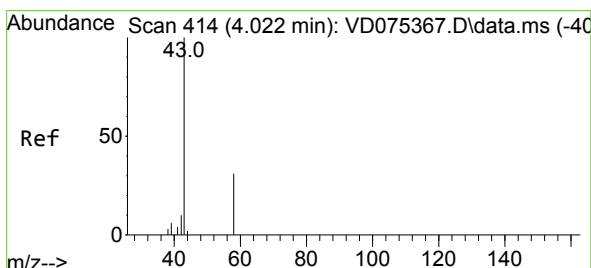
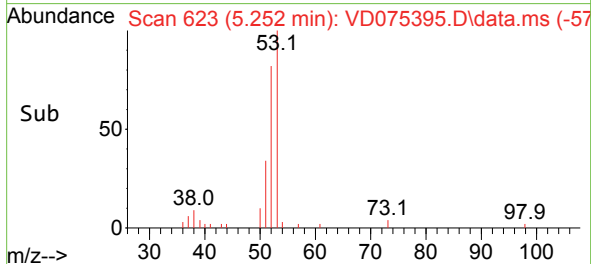
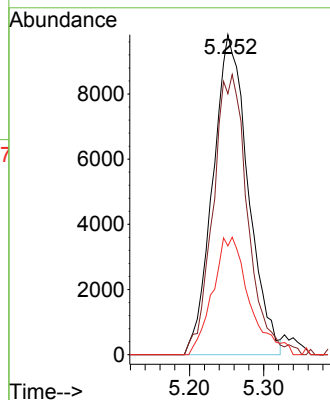
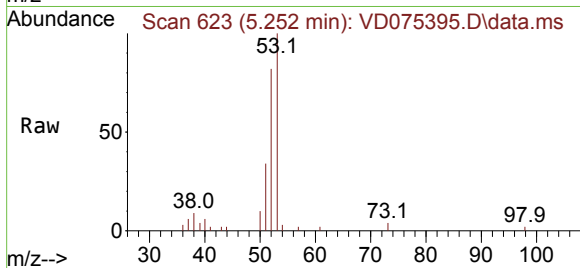
Tgt Ion: 53 Resp: 32467

Ion Ratio Lower Upper

53 100

52 85.8 66.2 99.4

51 38.1 30.7 46.1



#16

Acetone

Concen: 294.950 ug/l

RT: 4.016 min Scan# 413

Delta R.T. -0.006 min

Lab File: VD075395.D

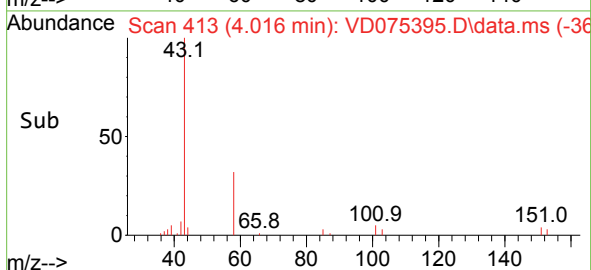
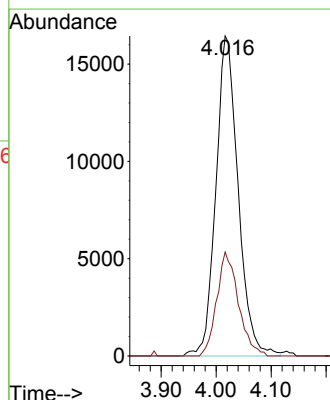
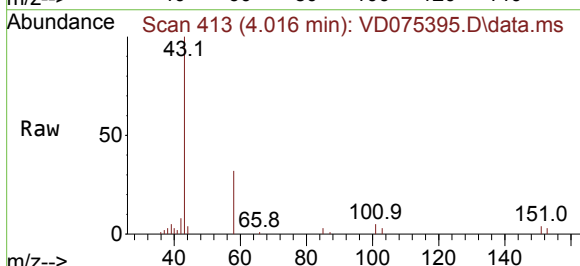
Acq: 22 Feb 2023 11:08

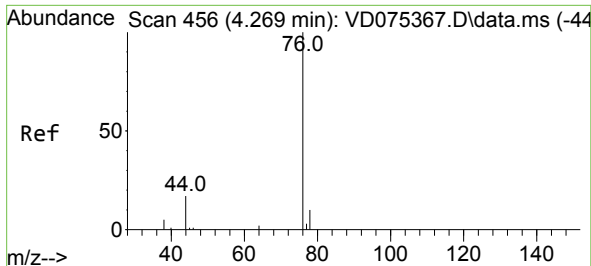
Tgt Ion: 43 Resp: 46293

Ion Ratio Lower Upper

43 100

58 32.5 24.4 36.6

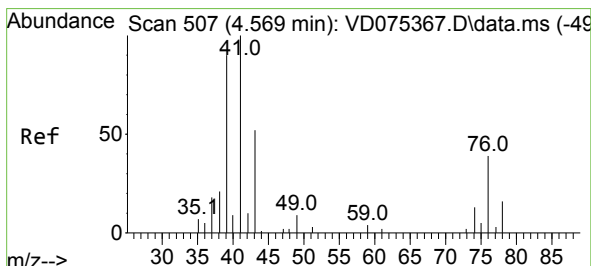
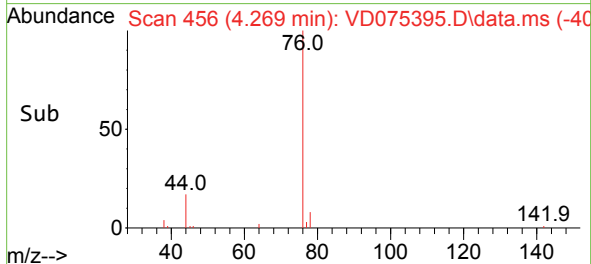
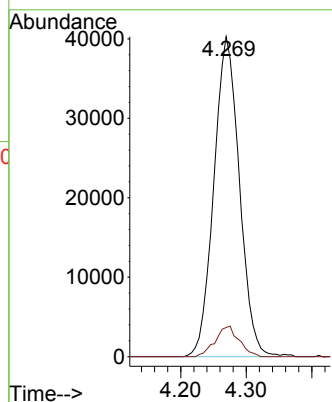
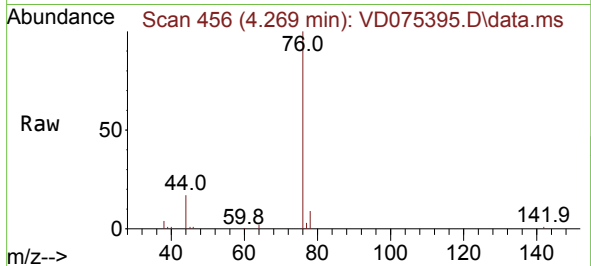




#17
Carbon Disulfide
Concen: 46.941 ug/l
RT: 4.269 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD075395.D
Acq: 22 Feb 2023 11:08

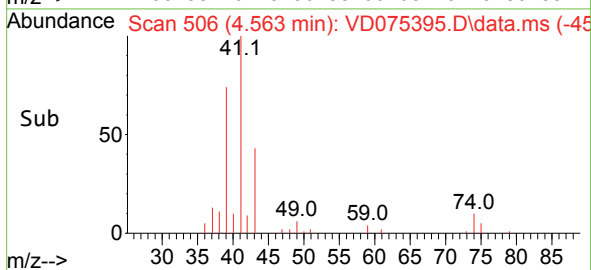
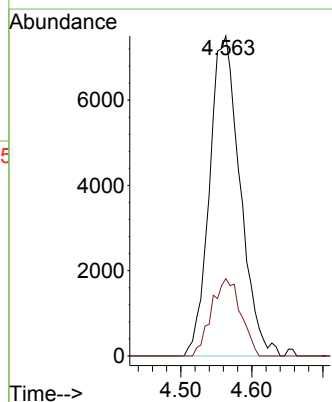
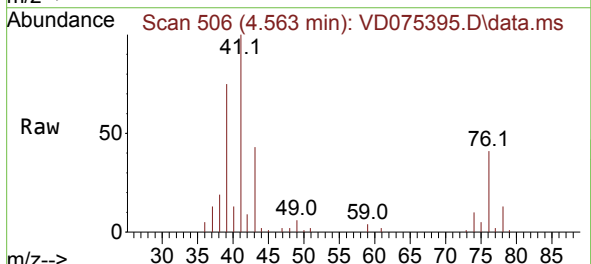
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

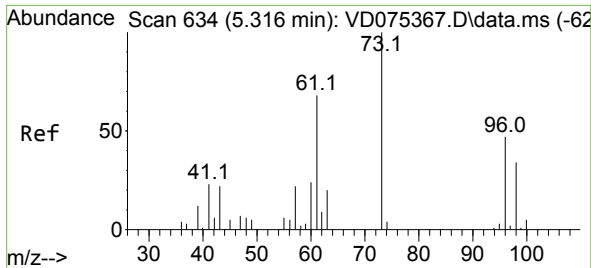
Tgt Ion: 76 Resp: 108653
Ion Ratio Lower Upper
76 100
78 9.1 8.0 12.0



#18
Methyl Acetate
Concen: 45.508 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD075395.D
Acq: 22 Feb 2023 11:08

Tgt Ion: 43 Resp: 22382
Ion Ratio Lower Upper
43 100
74 23.2 17.8 26.6

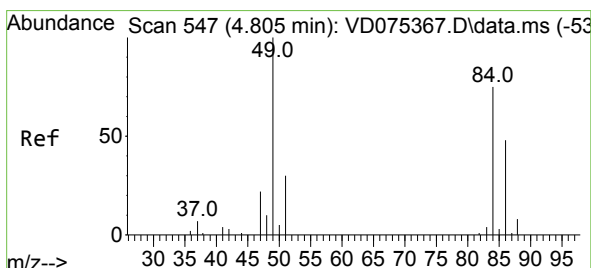
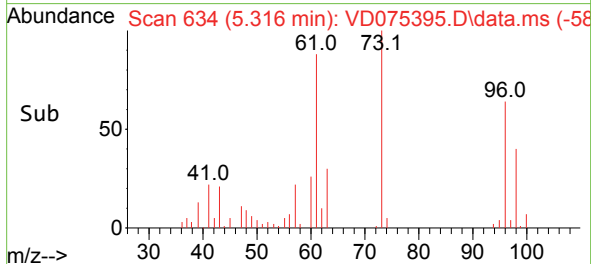
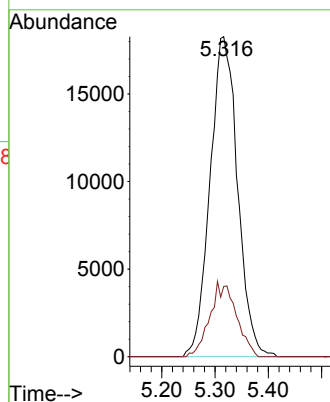
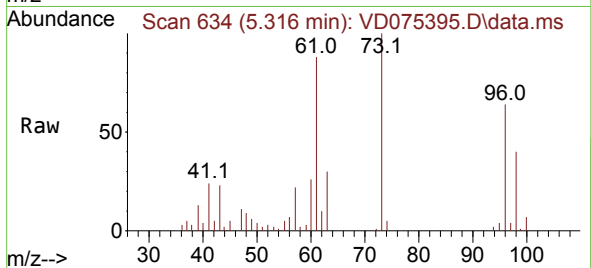




#19
Methyl tert-butyl Ether
Concen: 49.192 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD075395.D
Acq: 22 Feb 2023 11:08

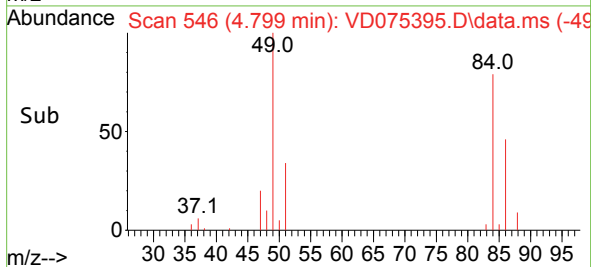
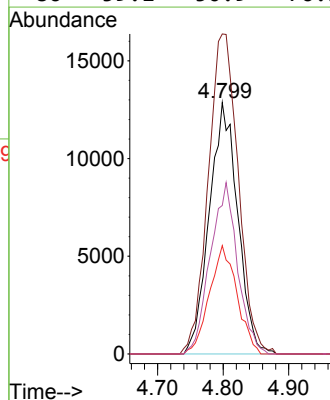
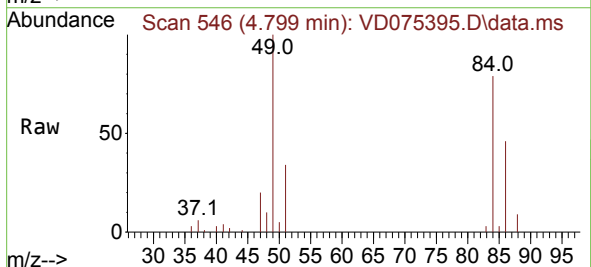
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

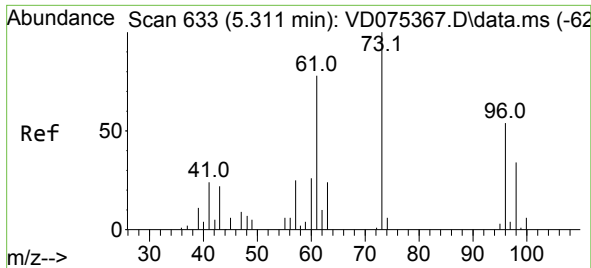
Tgt Ion: 73 Resp: 65454
Ion Ratio Lower Upper
73 100
57 22.0 17.2 25.8



#20
Methylene Chloride
Concen: 51.473 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD075395.D
Acq: 22 Feb 2023 11:08

Tgt Ion: 84 Resp: 38702
Ion Ratio Lower Upper
84 100
49 127.3 106.4 159.6
51 43.1 32.4 48.6
86 59.1 50.9 76.3

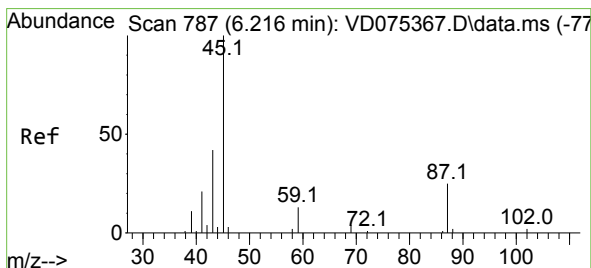
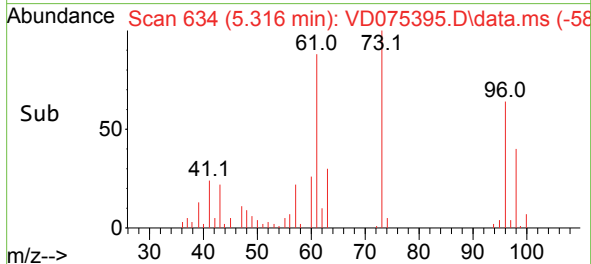
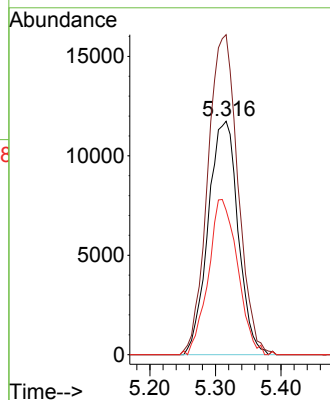
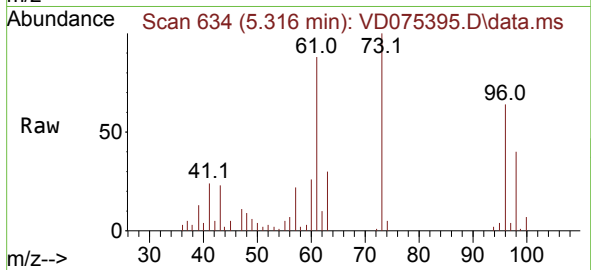




#21
trans-1,2-Dichloroethene
Concen: 50.665 ug/l
RT: 5.316 min Scan# 611
Delta R.T. 0.005 min
Lab File: VD075395.D
Acq: 22 Feb 2023 11:08

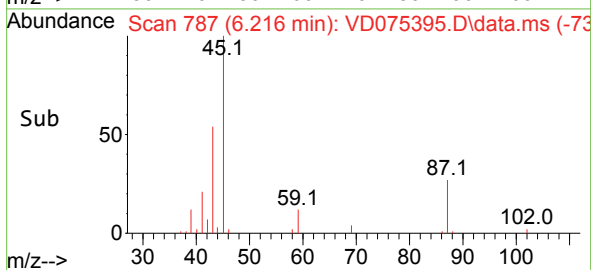
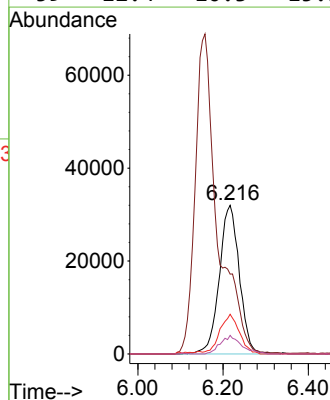
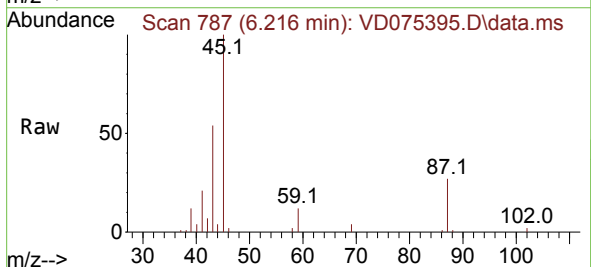
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

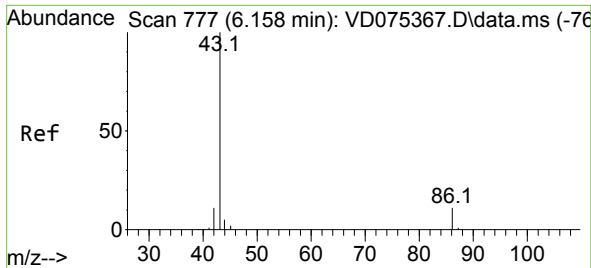
Tgt Ion: 96 Resp: 37220
Ion Ratio Lower Upper
96 100
61 137.1 117.2 175.8
98 61.9 50.6 76.0



#22
Diisopropyl ether
Concen: 52.644 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD075395.D
Acq: 22 Feb 2023 11:08

Tgt Ion: 45 Resp: 104505
Ion Ratio Lower Upper
45 100
43 53.0 44.4 66.6
87 26.7 20.9 31.3
59 12.4 10.3 15.5

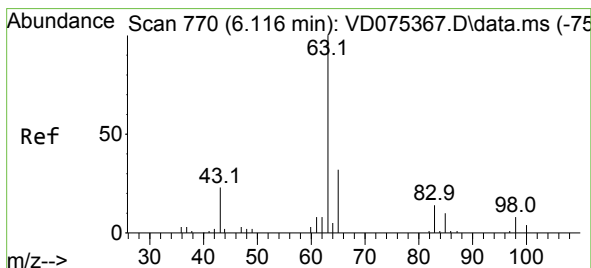
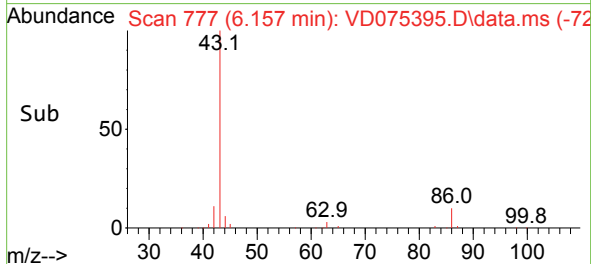
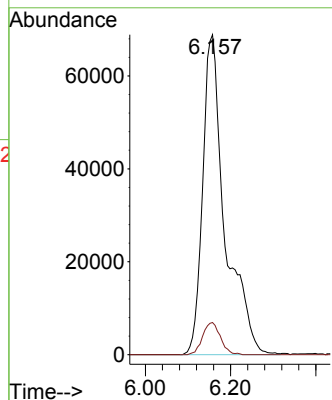
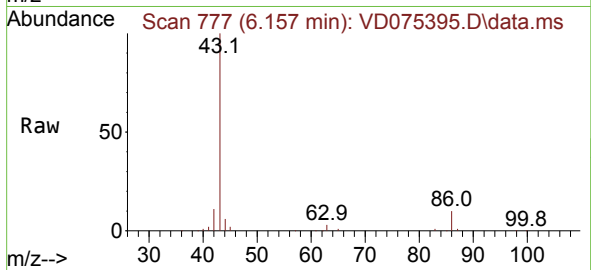




#23
 Vinyl Acetate
 Concen: 357.326 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. -0.001 min
 Lab File: VD075395.D
 Acq: 22 Feb 2023 11:08

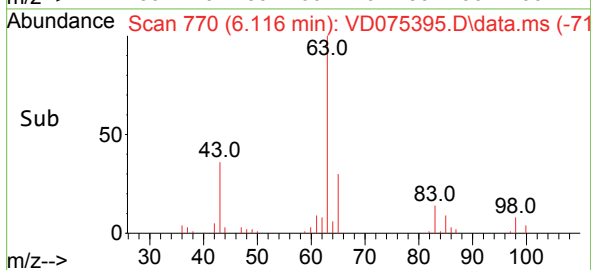
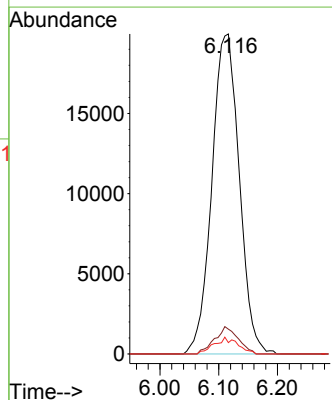
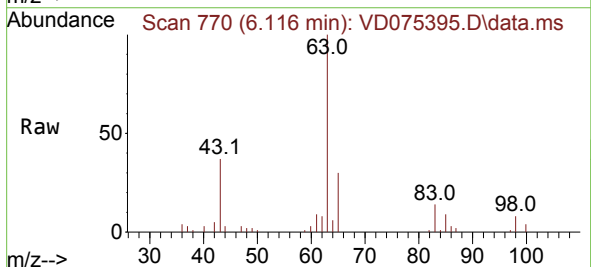
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

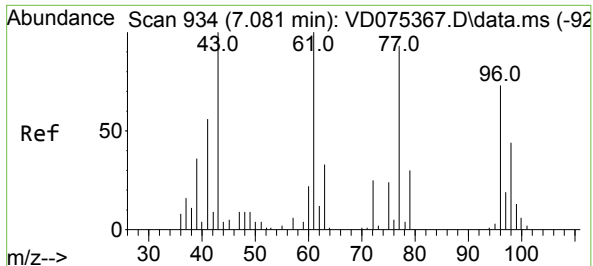
Tgt Ion: 43 Resp: 250664
 Ion Ratio Lower Upper
 43 100
 86 10.1 9.0 13.6



#24
 1,1-Dichloroethane
 Concen: 49.551 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD075395.D
 Acq: 22 Feb 2023 11:08

Tgt Ion: 63 Resp: 64595
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.9 11.7
 100 3.6 2.0 6.0





#25

2-Butanone

Concen: 267.932 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD075395.D

Acq: 22 Feb 2023 11:08

Instrument :

MSVOA_D

ClientSampleId :

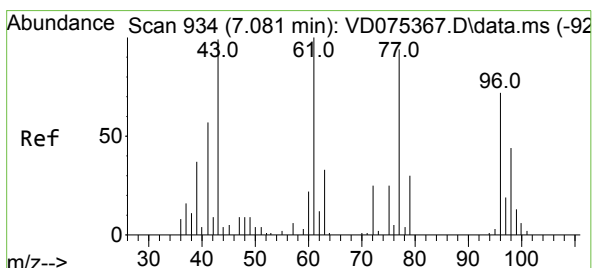
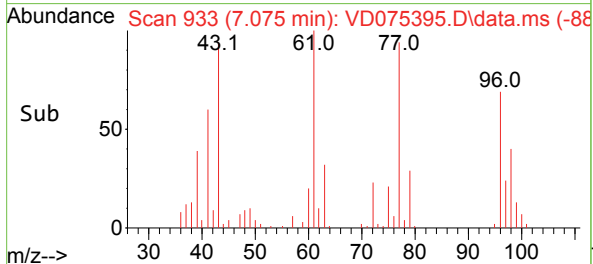
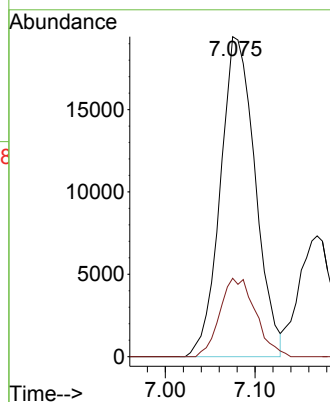
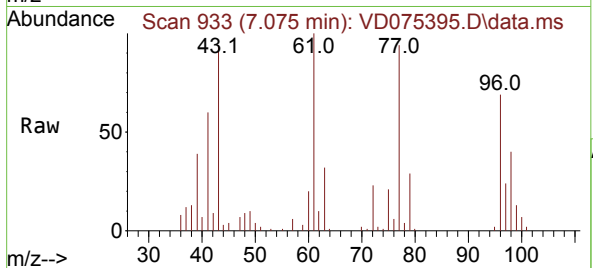
VSTDCCC050

Tgt Ion: 43 Resp: 52442

Ion Ratio Lower Upper

43 100

72 24.5 19.8 29.8



#26

2,2-Dichloropropane

Concen: 52.042 ug/l

RT: 7.075 min Scan# 933

Delta R.T. -0.006 min

Lab File: VD075395.D

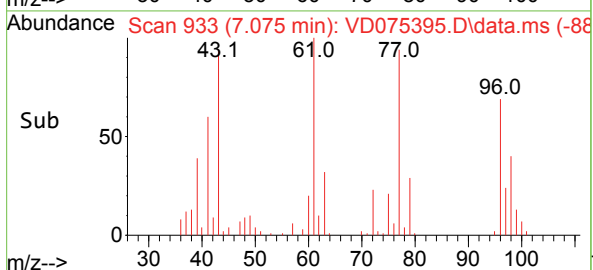
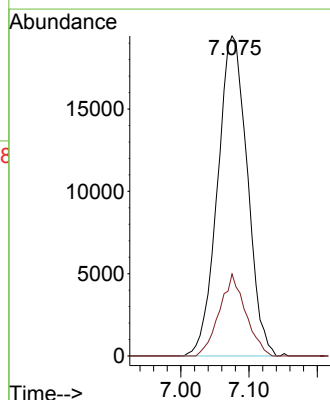
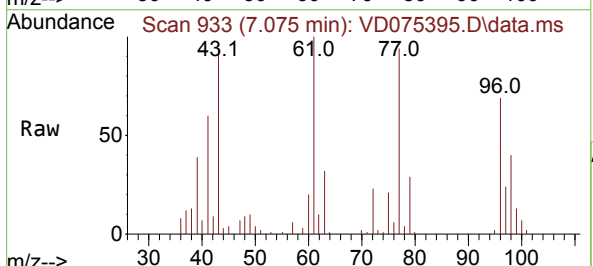
Acq: 22 Feb 2023 11:08

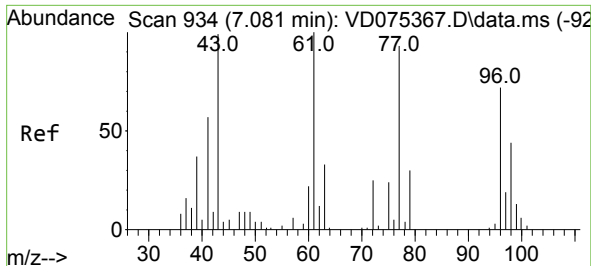
Tgt Ion: 77 Resp: 59005

Ion Ratio Lower Upper

77 100

97 22.6 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 50.225 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD075395.D

Acq: 22 Feb 2023 11:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

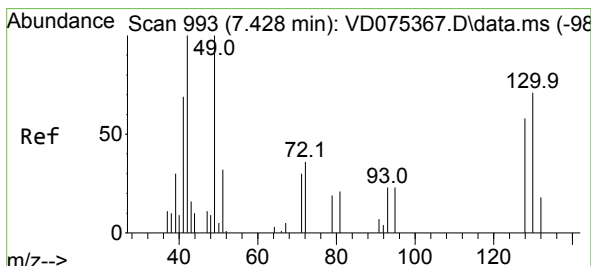
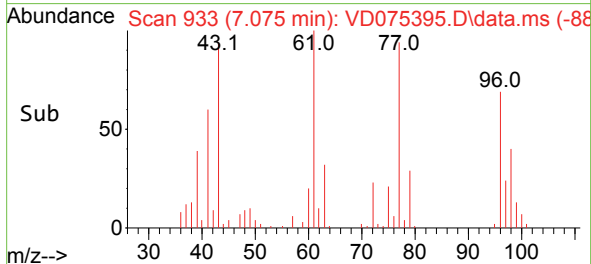
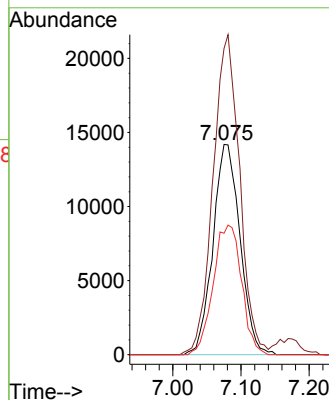
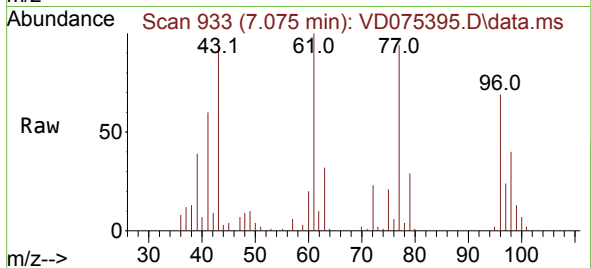
Tgt Ion: 96 Resp: 39250

Ion Ratio Lower Upper

96 100

61 149.4 0.0 295.2

98 64.4 0.0 129.2



#28

Bromochloromethane

Concen: 50.863 ug/l

RT: 7.428 min Scan# 993

Delta R.T. -0.000 min

Lab File: VD075395.D

Acq: 22 Feb 2023 11:08

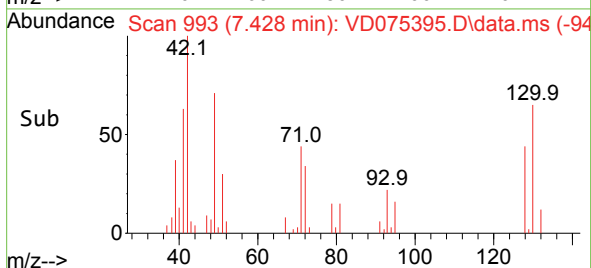
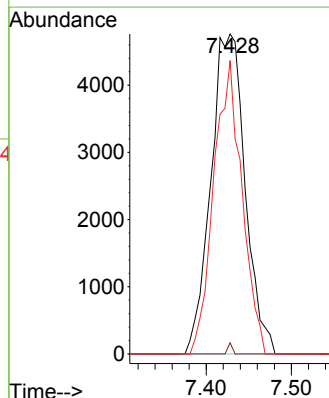
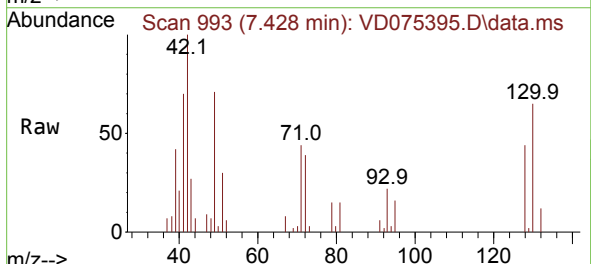
Tgt Ion: 49 Resp: 13304

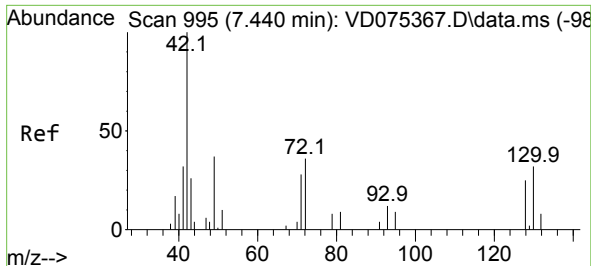
Ion Ratio Lower Upper

49 100

129 0.4 0.0 2.2

130 75.2 56.0 84.0

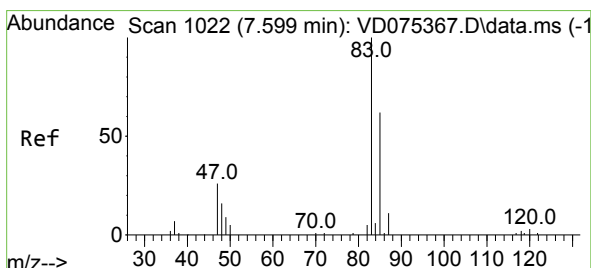
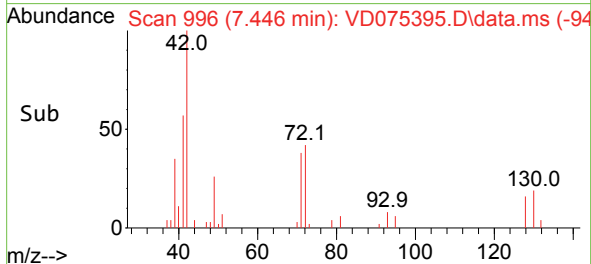
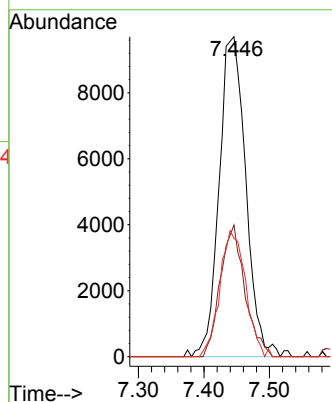
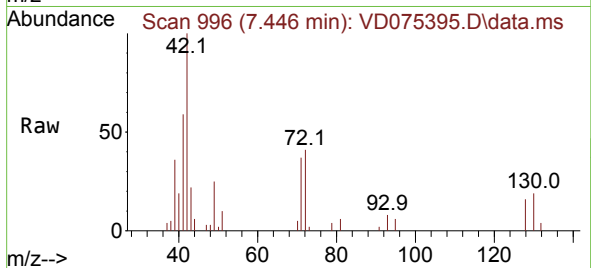




#29
Tetrahydrofuran
Concen: 247.704 ug/l
RT: 7.446 min Scan# 995
Delta R.T. 0.006 min
Lab File: VD075395.D
Acq: 22 Feb 2023 11:08

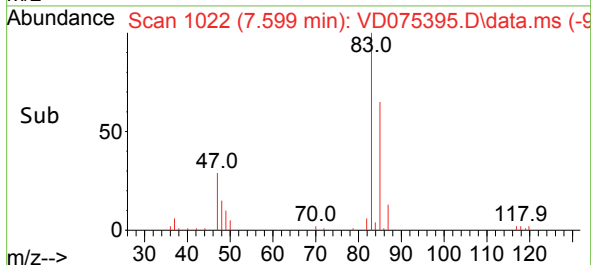
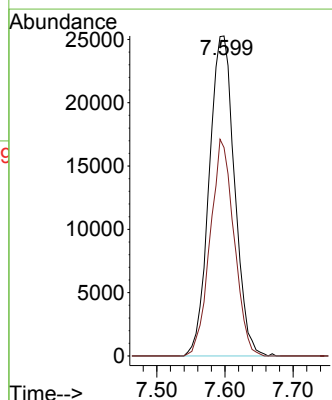
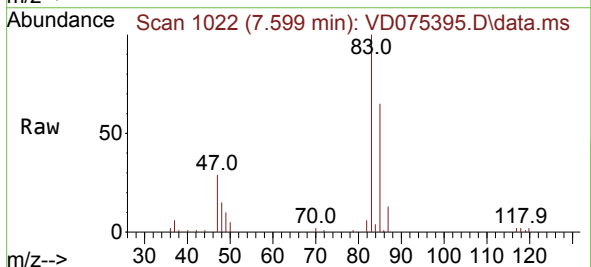
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

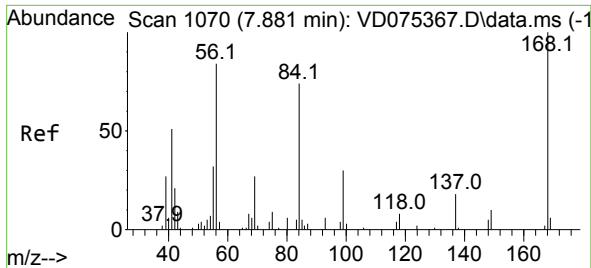
Tgt Ion:	42	Resp:	27345
Ion	Ratio	Lower	Upper
42	100		
72	38.0	31.8	47.6
71	38.3	27.6	41.4



#30
Chloroform
Concen: 50.001 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VD075395.D
Acq: 22 Feb 2023 11:08

Tgt Ion:	83	Resp:	65457
Ion	Ratio	Lower	Upper
83	100		
85	65.1	49.4	74.2

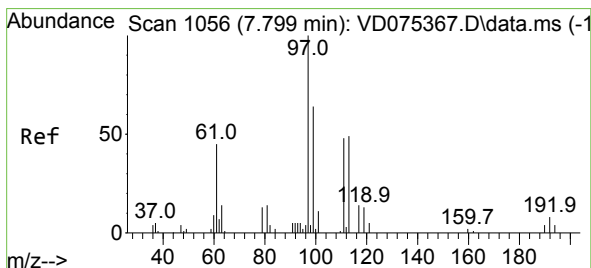
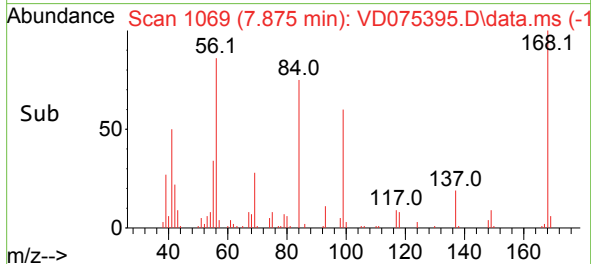
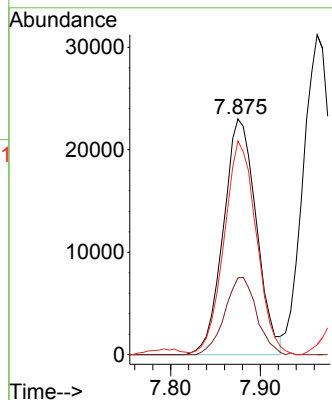
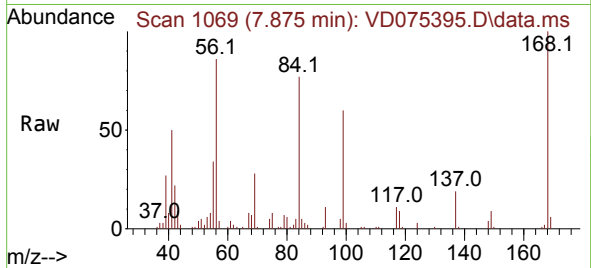




#31
Cyclohexane
Concen: 47.730 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075395.D
Acq: 22 Feb 2023 11:08

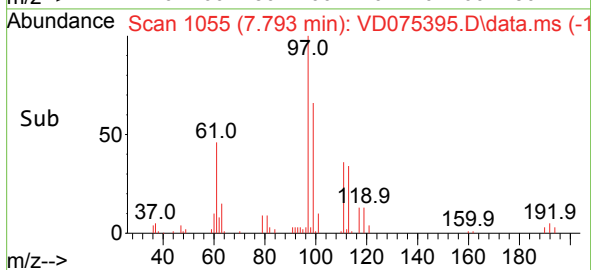
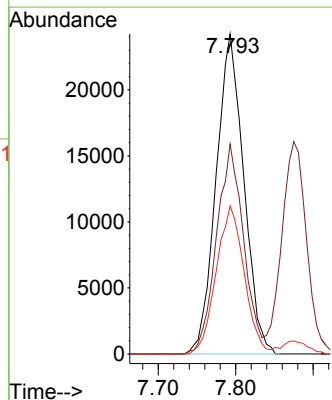
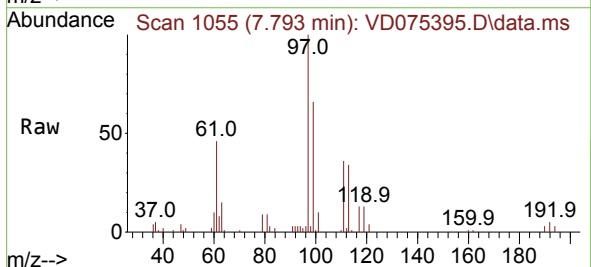
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

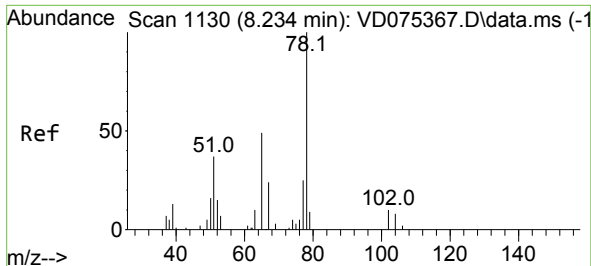
Tgt Ion: 56 Resp: 58747
Ion Ratio Lower Upper
56 100
69 32.6 25.5 38.3
84 89.2 69.6 104.4



#32
1,1,1-Trichloroethane
Concen: 49.856 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD075395.D
Acq: 22 Feb 2023 11:08

Tgt Ion: 97 Resp: 60078
Ion Ratio Lower Upper
97 100
99 64.1 50.5 75.7
61 46.8 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 49.181 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD075395.D

Acq: 22 Feb 2023 11:08

Instrument :

MSVOA_D

ClientSampleId :

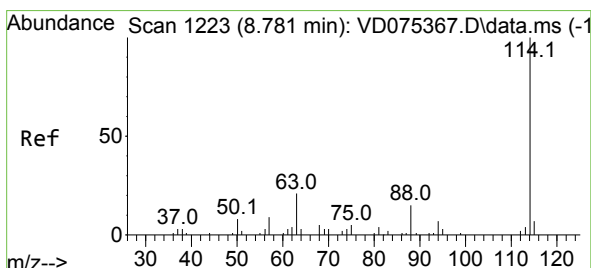
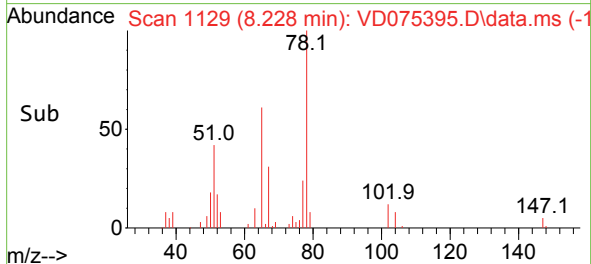
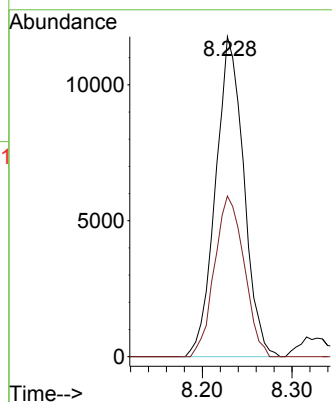
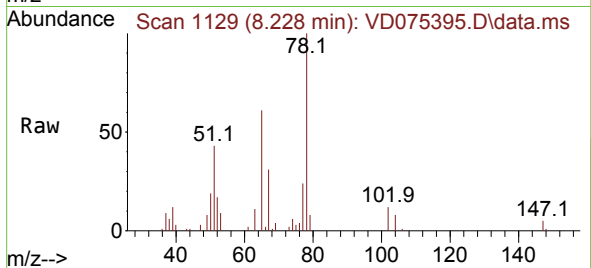
VSTDCCC050

Tgt Ion: 65 Resp: 25708

Ion Ratio Lower Upper

65 100

67 52.7 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD075395.D

Acq: 22 Feb 2023 11:08

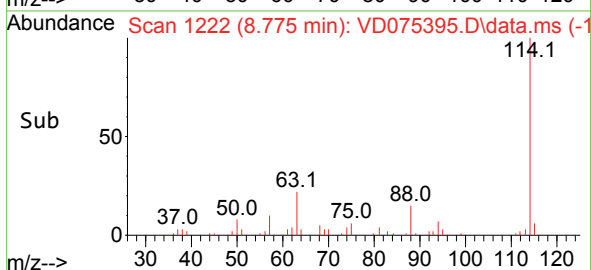
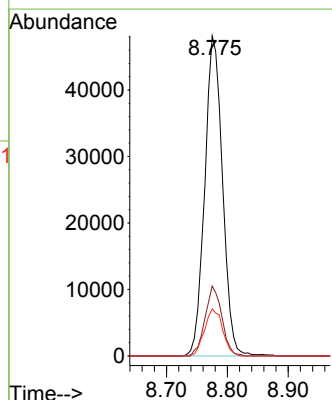
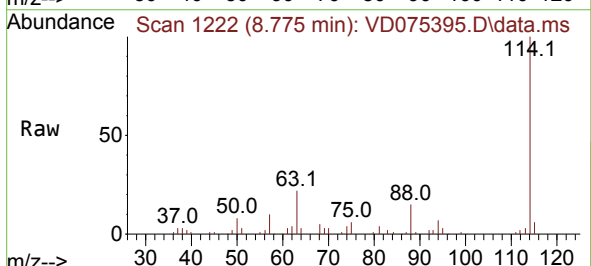
Tgt Ion: 114 Resp: 97704

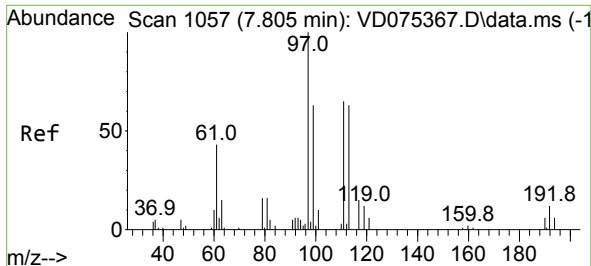
Ion Ratio Lower Upper

114 100

63 21.8 0.0 41.6

88 14.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 46.092 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD075395.D

Acq: 22 Feb 2023 11:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

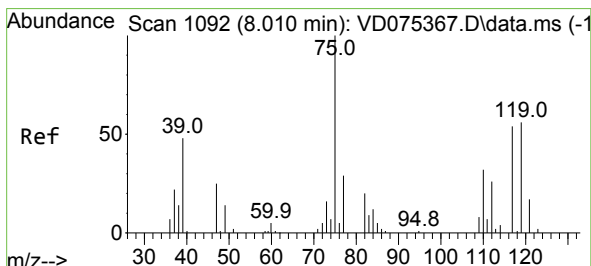
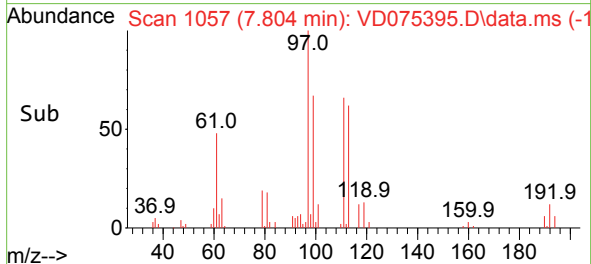
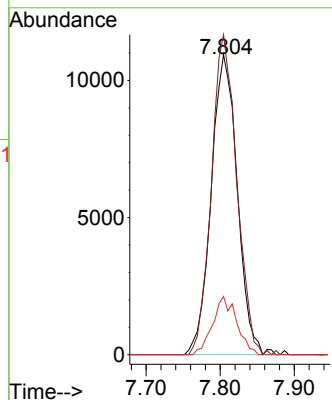
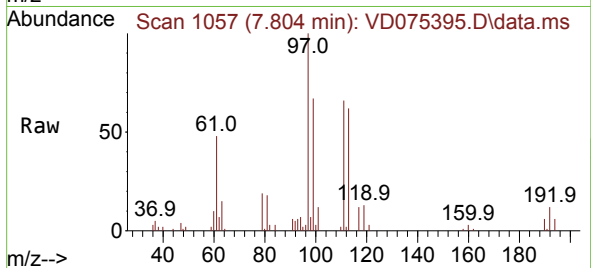
Tgt Ion:113 Resp: 26734

Ion Ratio Lower Upper

113 100

111 103.4 81.4 122.0

192 17.9 15.2 22.8



#36

1,1-Dichloropropene

Concen: 50.962 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD075395.D

Acq: 22 Feb 2023 11:08

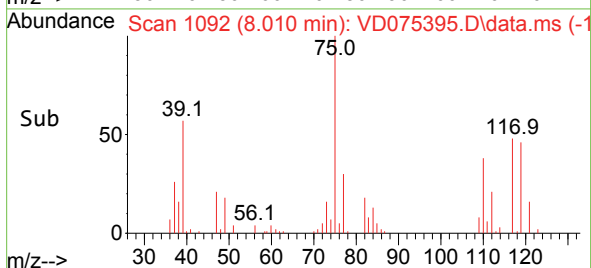
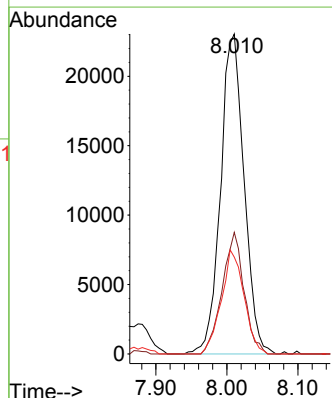
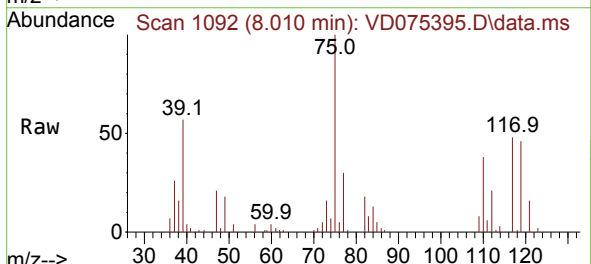
Tgt Ion: 75 Resp: 52979

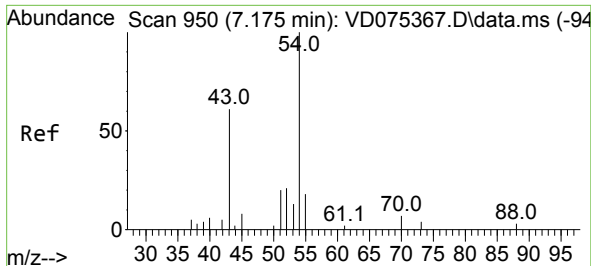
Ion Ratio Lower Upper

75 100

110 35.3 17.1 51.2

77 31.3 24.6 36.8





#37

Ethyl Acetate

Concen: 50.163 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD075395.D

Acq: 22 Feb 2023 11:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

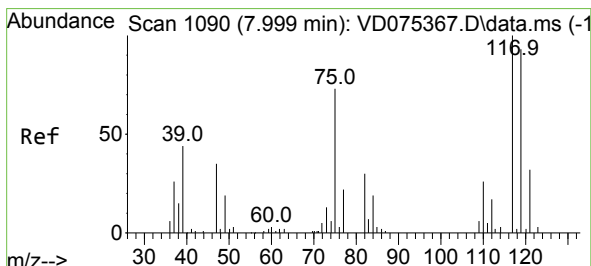
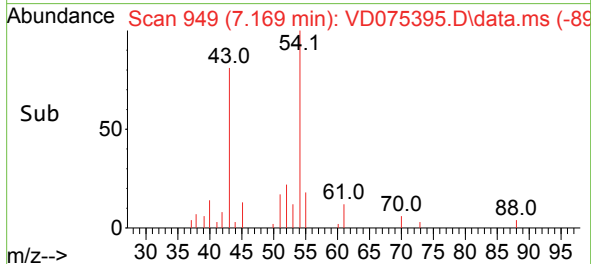
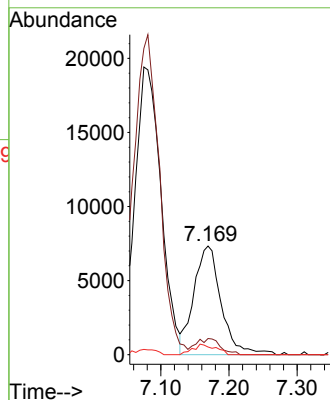
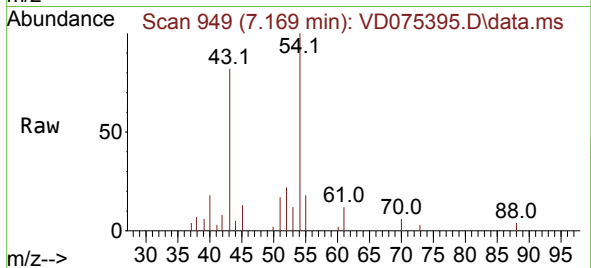
Tgt Ion: 43 Resp: 20409

Ion Ratio Lower Upper

43 100

61 13.3 0.0 0.0#

70 7.9 5.6 8.4



#38

Carbon Tetrachloride

Concen: 50.710 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD075395.D

Acq: 22 Feb 2023 11:08

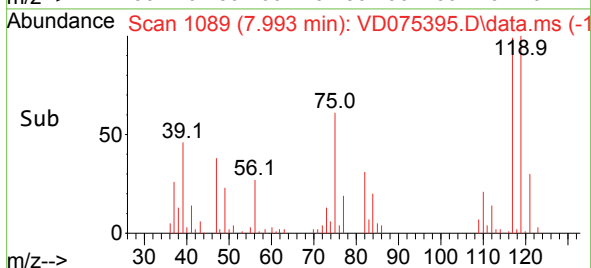
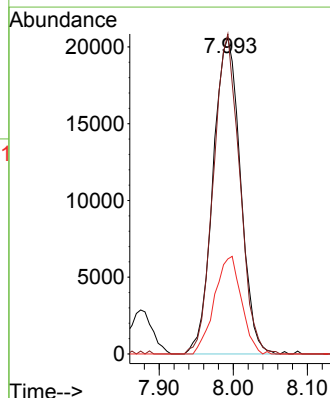
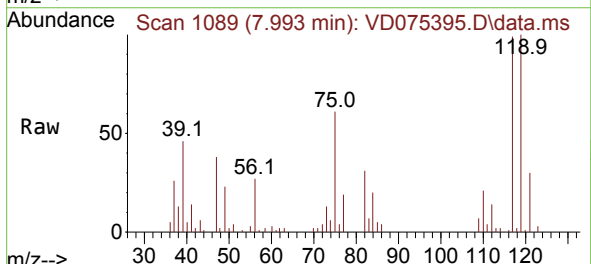
Tgt Ion: 117 Resp: 52820

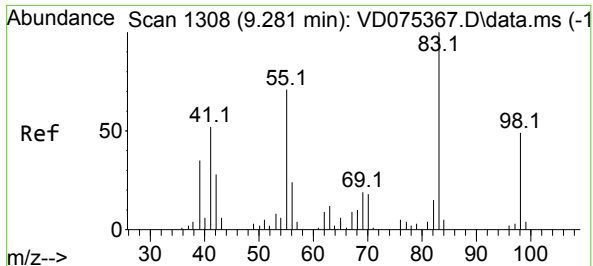
Ion Ratio Lower Upper

117 100

119 101.2 74.7 112.1

121 30.0 25.9 38.9





#39

Methylcyclohexane

Concen: 50.380 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.006 min

Lab File: VD075395.D

Acq: 22 Feb 2023 11:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

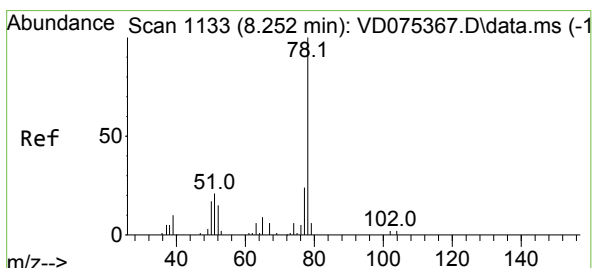
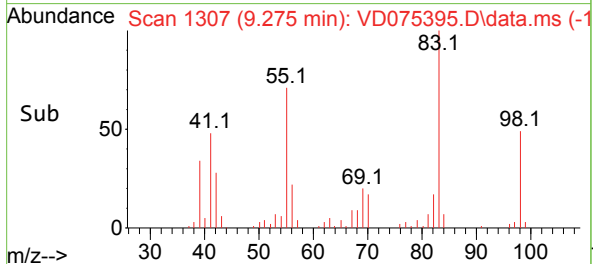
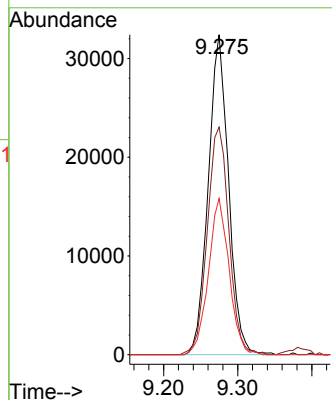
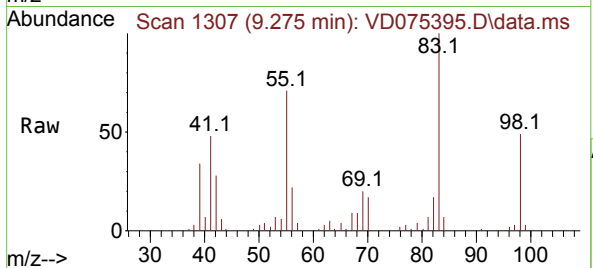
Tgt Ion: 83 Resp: 61731

Ion Ratio Lower Upper

83 100

55 71.1 56.8 85.2

98 48.8 38.9 58.3



#40

Benzene

Concen: 50.114 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.001 min

Lab File: VD075395.D

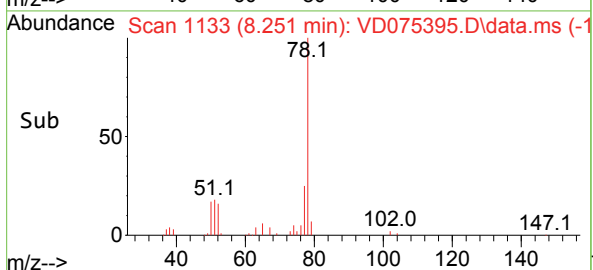
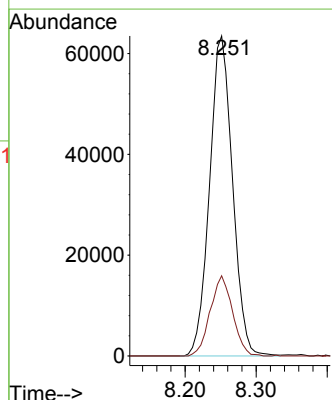
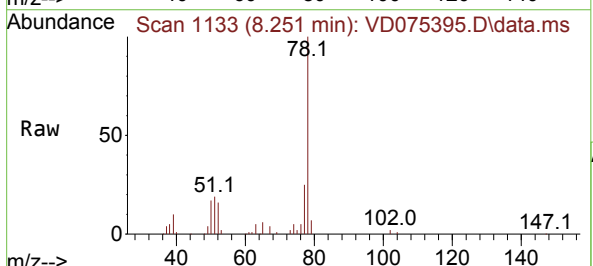
Acq: 22 Feb 2023 11:08

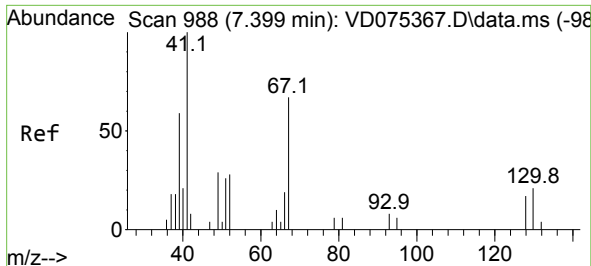
Tgt Ion: 78 Resp: 142616

Ion Ratio Lower Upper

78 100

77 25.0 19.1 28.7

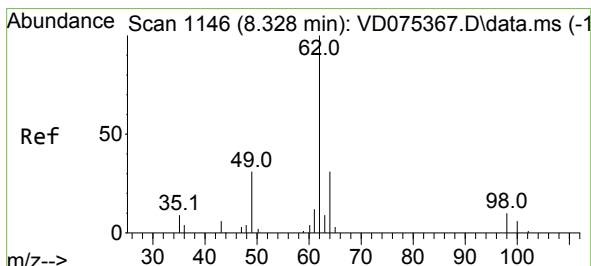
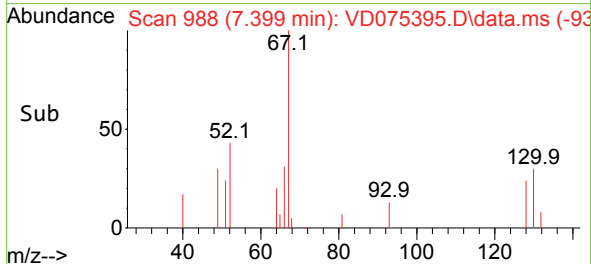
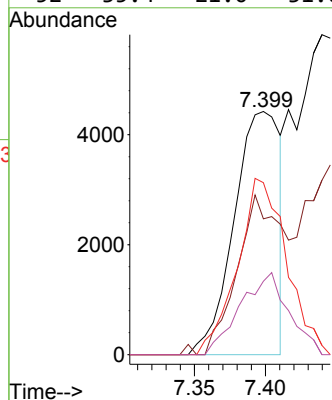
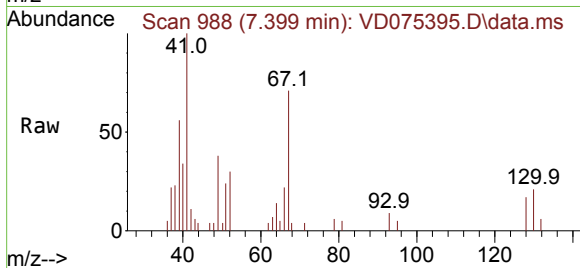




#41
Methacrylonitrile
Concen: 42.759 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075395.D
Acq: 22 Feb 2023 11:08

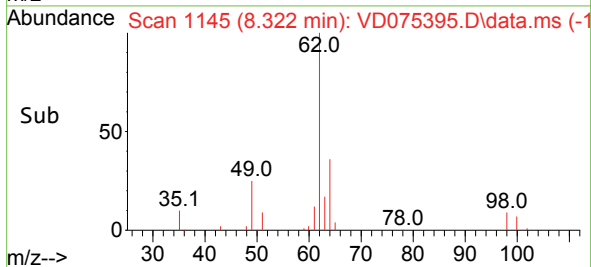
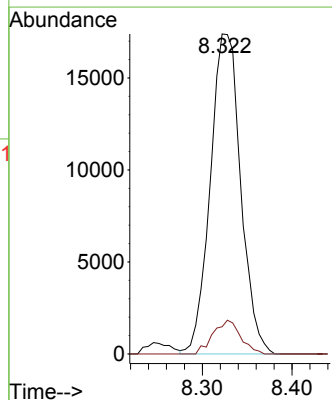
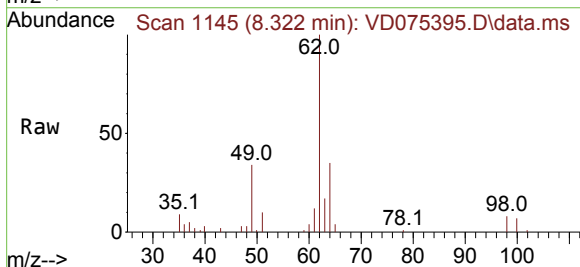
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

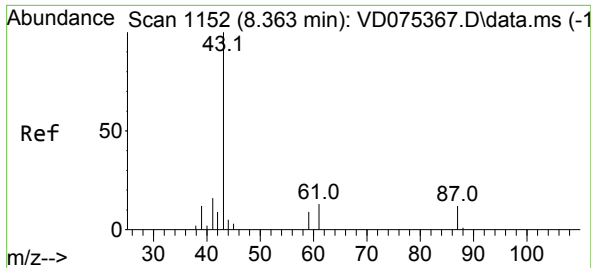
Tgt Ion: 41	Resp: 9977
Ion Ratio	Lower Upper
41 100	
39 65.4	45.3 67.9
67 77.0	50.5 75.7#
52 35.4	21.0 31.6#



#42
1,2-Dichloroethane
Concen: 51.519 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD075395.D
Acq: 22 Feb 2023 11:08

Tgt Ion: 62	Resp: 40938
Ion Ratio	Lower Upper
62 100	
98 9.5	0.0 18.8

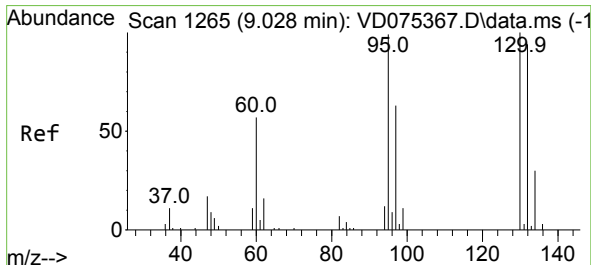
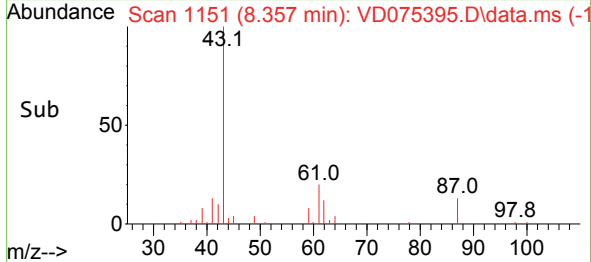
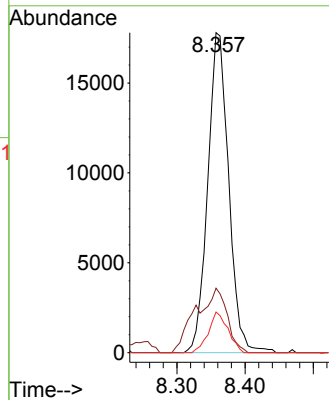
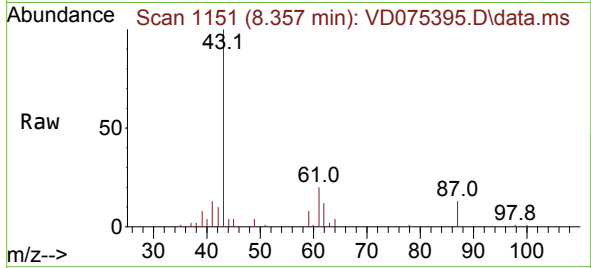




#43
Isopropyl Acetate
Concen: 49.772 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD075395.D
Acq: 22 Feb 2023 11:08

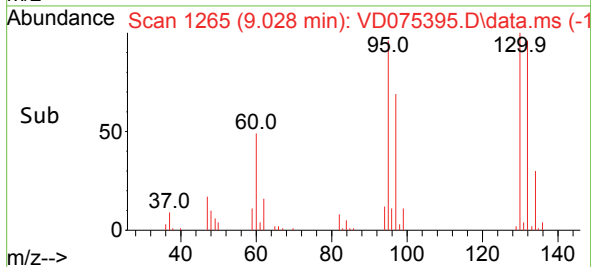
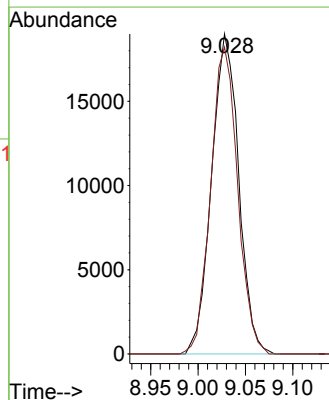
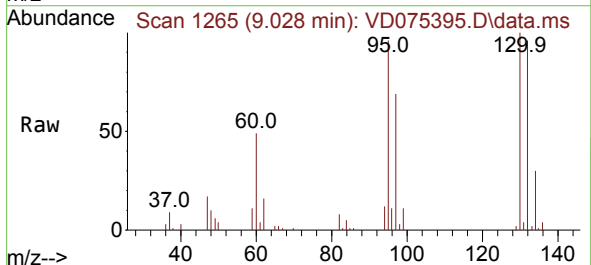
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

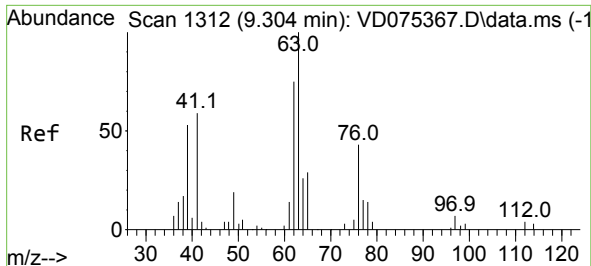
Tgt Ion: 43 Resp: 38048
Ion Ratio Lower Upper
43 100
61 17.8 23.4 35.0#
87 11.8 9.5 14.3



#44
Trichloroethene
Concen: 49.602 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD075395.D
Acq: 22 Feb 2023 11:08

Tgt Ion:130 Resp: 37816
Ion Ratio Lower Upper
130 100
95 95.9 0.0 197.6





#45

1,2-Dichloropropane

Concen: 51.890 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD075395.D

Acq: 22 Feb 2023 11:08

Instrument :

MSVOA_D

ClientSampleId :

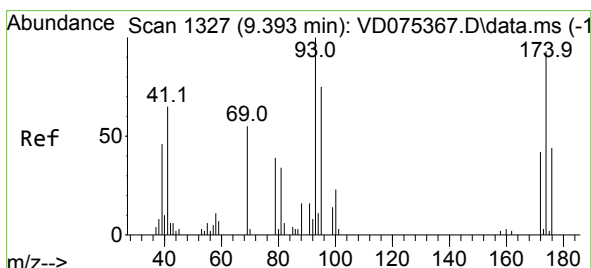
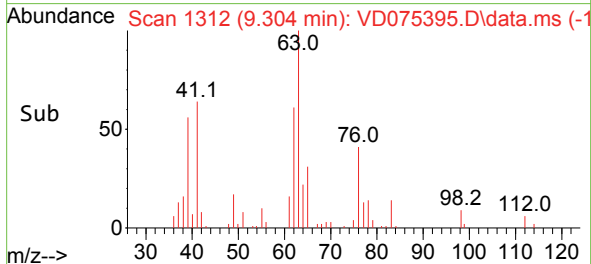
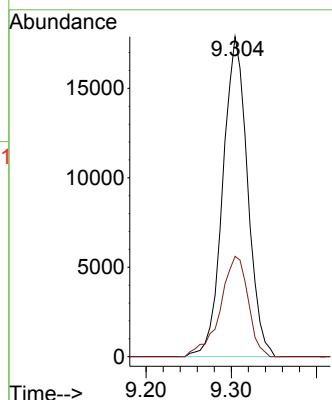
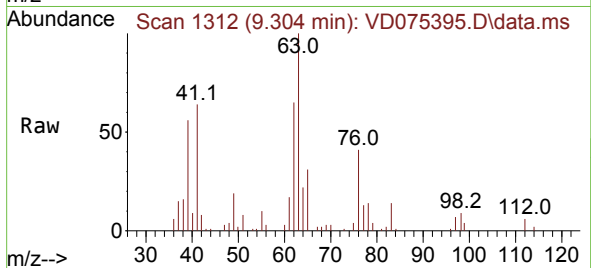
VSTDCCC050

Tgt Ion: 63 Resp: 36012

Ion Ratio Lower Upper

63 100

65 31.3 23.0 34.4



#46

Dibromomethane

Concen: 50.681 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD075395.D

Acq: 22 Feb 2023 11:08

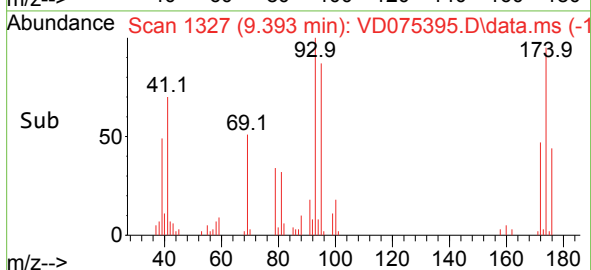
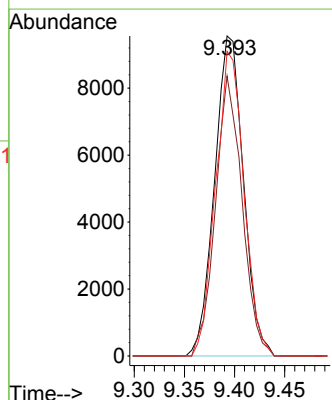
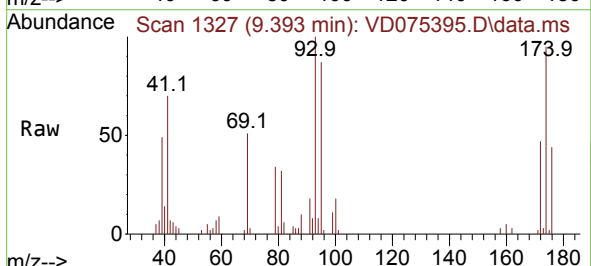
Tgt Ion: 93 Resp: 19152

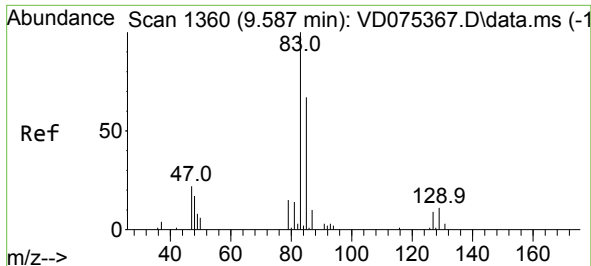
Ion Ratio Lower Upper

93 100

95 80.7 64.5 96.7

174 93.1 76.2 114.4

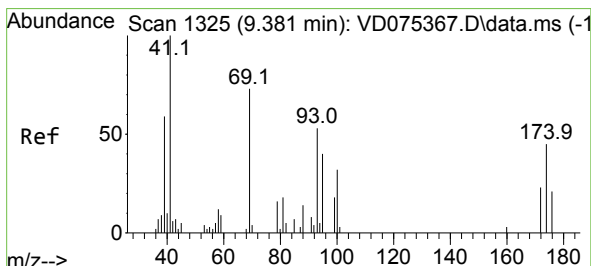
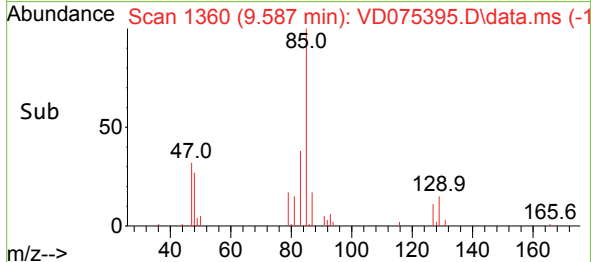
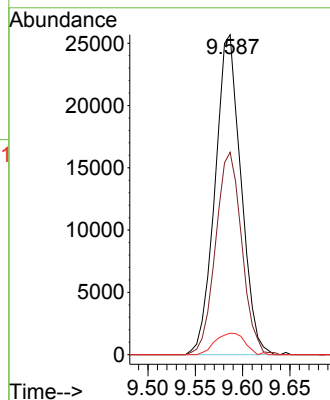
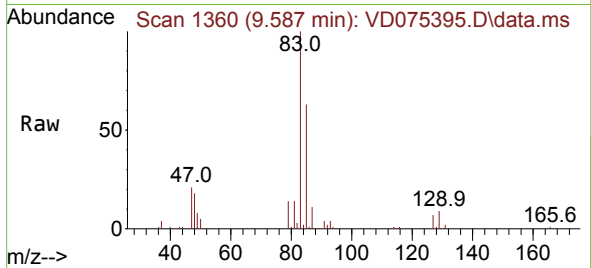




#47
Bromodichloromethane
Concen: 50.855 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD075395.D
Acq: 22 Feb 2023 11:08

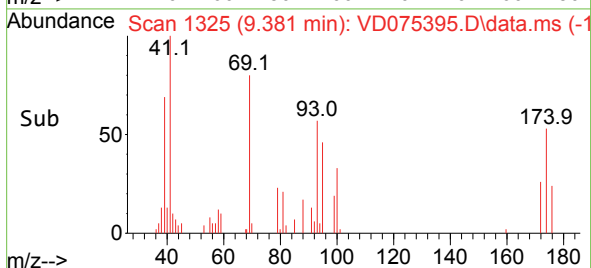
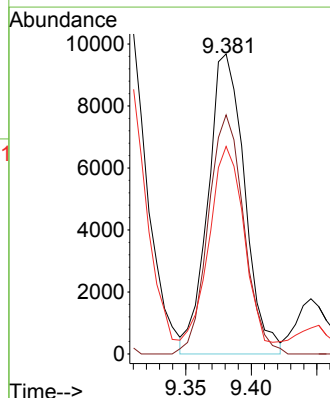
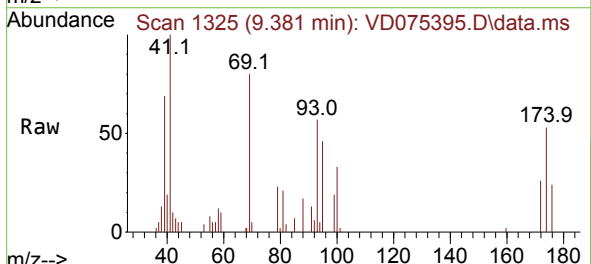
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

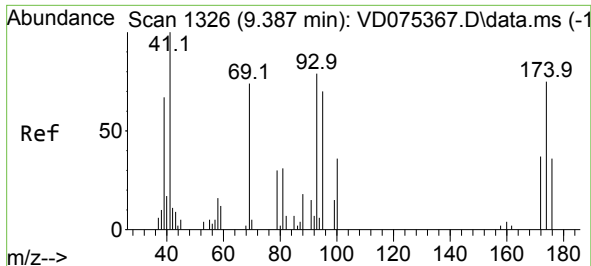
Tgt Ion: 83 Resp: 48904
Ion Ratio Lower Upper
83 100
85 63.2 53.7 80.5
127 6.7 7.0 10.6#



#48
Methyl methacrylate
Concen: 48.836 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD075395.D
Acq: 22 Feb 2023 11:08

Tgt Ion: 41 Resp: 18767
Ion Ratio Lower Upper
41 100
69 77.7 58.6 88.0
39 61.9 53.4 80.0





#49

1,4-Dioxane

Concen: 950.536 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.006 min

Lab File: VD075395.D

Acq: 22 Feb 2023 11:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

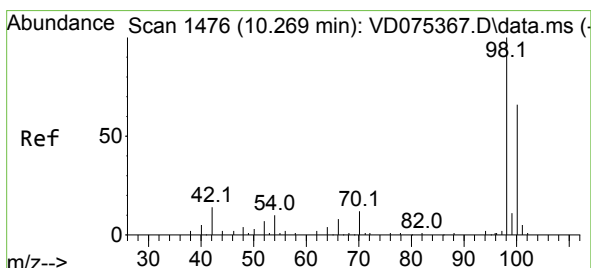
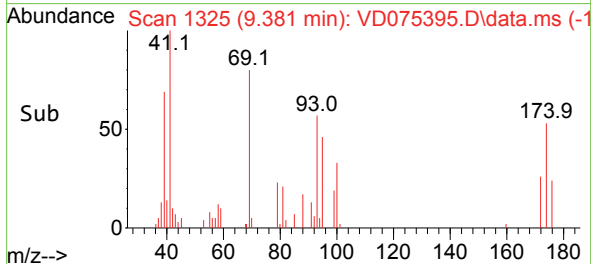
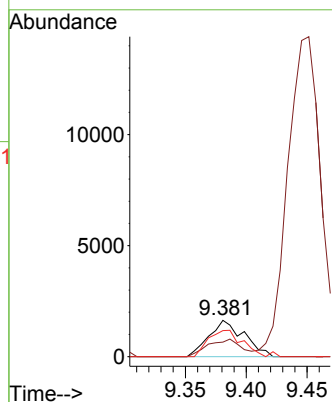
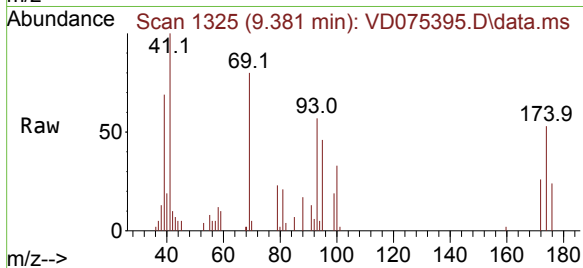
Tgt Ion: 88 Resp: 3280

Ion Ratio Lower Upper

88 100

43 45.8 34.6 51.8

58 69.9 58.0 87.0



#50

Toluene-d8

Concen: 44.065 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD075395.D

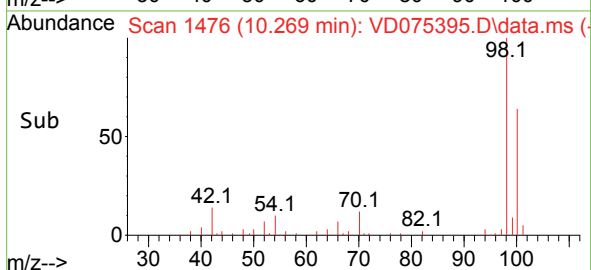
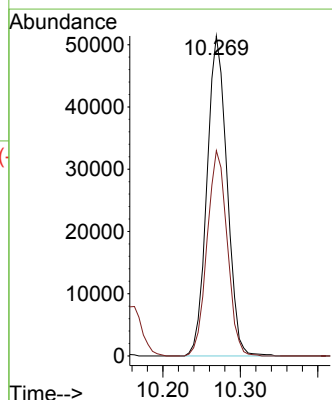
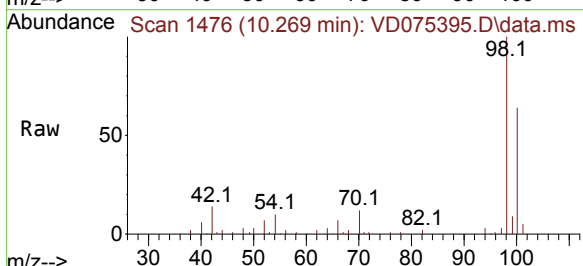
Acq: 22 Feb 2023 11:08

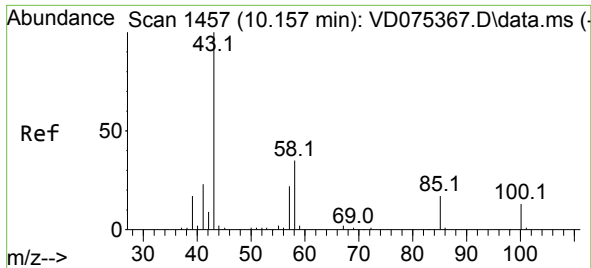
Tgt Ion: 98 Resp: 92238

Ion Ratio Lower Upper

98 100

100 64.4 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 256.253 ug/l

RT: 10.163 min Scan# 1458

Delta R.T. 0.006 min

Lab File: VD075395.D

Acq: 22 Feb 2023 11:08

Instrument :

MSVOA_D

ClientSampleId :

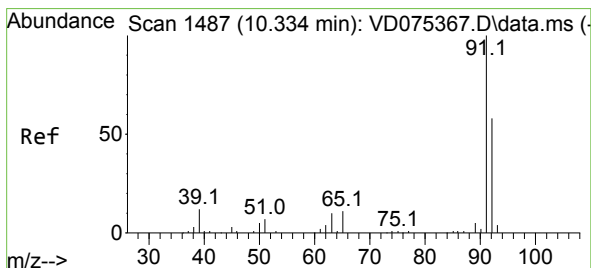
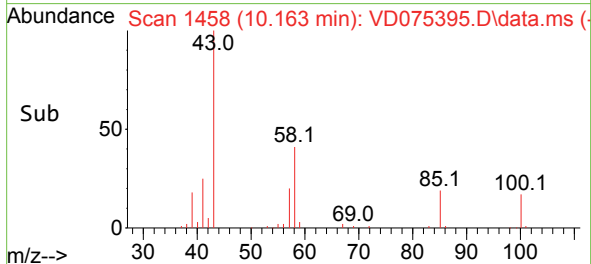
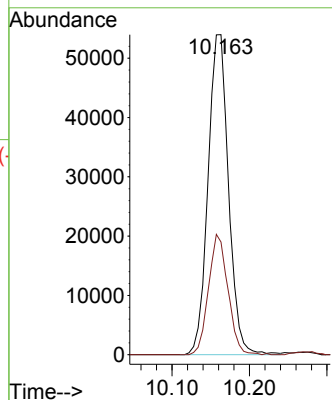
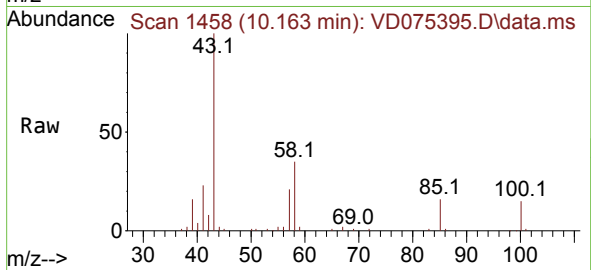
VSTDCCC050

Tgt Ion: 43 Resp: 99208

Ion Ratio Lower Upper

43 100

58 35.6 29.5 44.3



#52

Toluene

Concen: 52.702 ug/l

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD075395.D

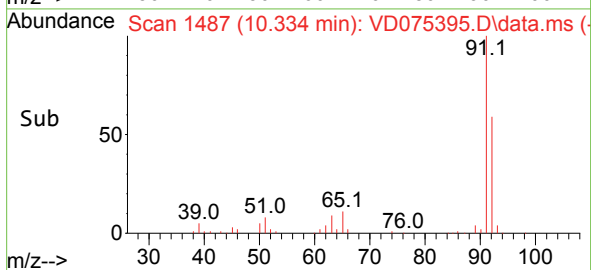
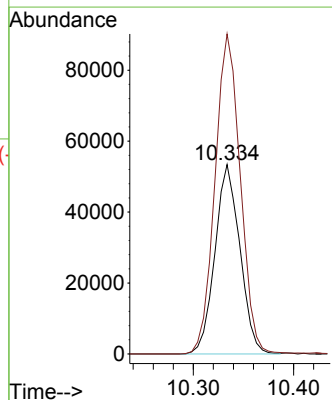
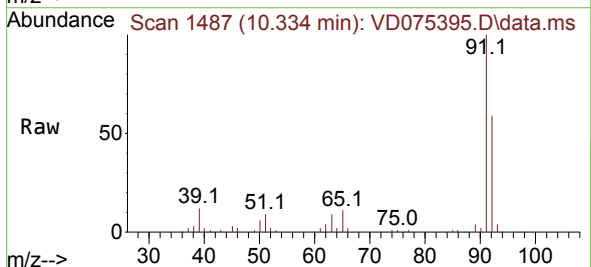
Acq: 22 Feb 2023 11:08

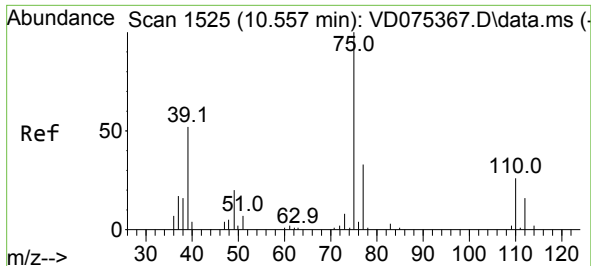
Tgt Ion: 92 Resp: 92342

Ion Ratio Lower Upper

92 100

91 171.6 136.5 204.7

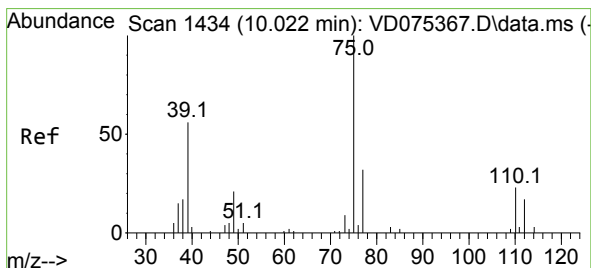
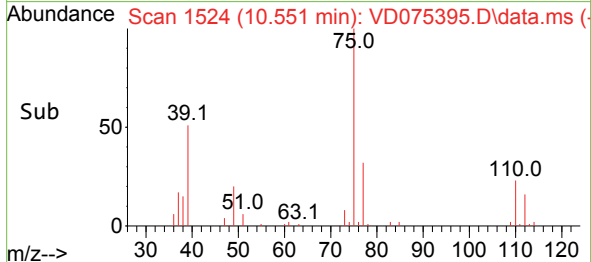
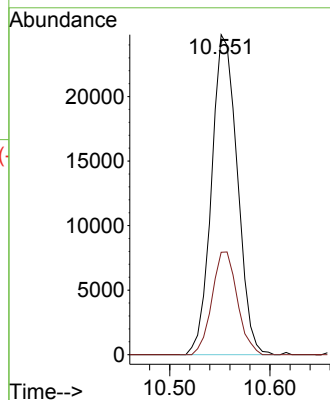
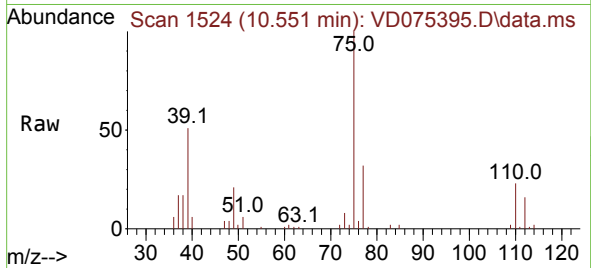




#53
t-1,3-Dichloropropene
Concen: 56.222 ug/l
RT: 10.551 min Scan# 1525
Delta R.T. -0.006 min
Lab File: VD075395.D
Acq: 22 Feb 2023 11:08

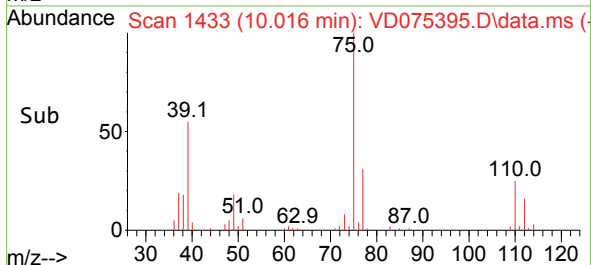
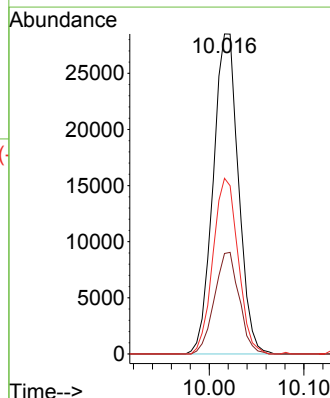
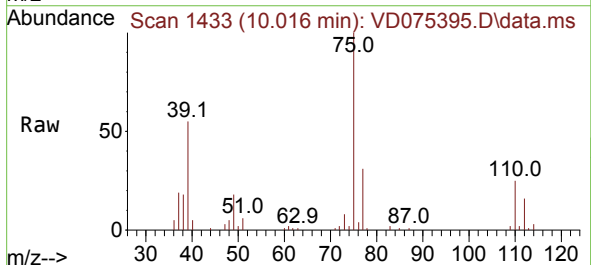
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

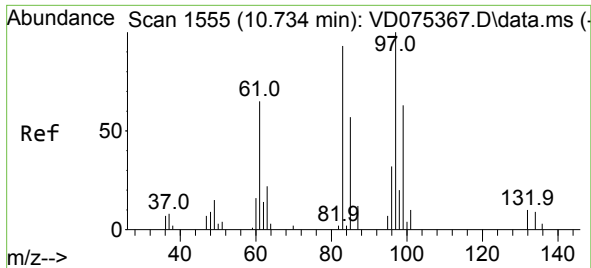
Tgt Ion: 75 Resp: 44262
Ion Ratio Lower Upper
75 100
77 32.0 26.3 39.5



#54
cis-1,3-Dichloropropene
Concen: 55.425 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.006 min
Lab File: VD075395.D
Acq: 22 Feb 2023 11:08

Tgt Ion: 75 Resp: 52900
Ion Ratio Lower Upper
75 100
77 31.4 25.6 38.4
39 54.9 44.8 67.2

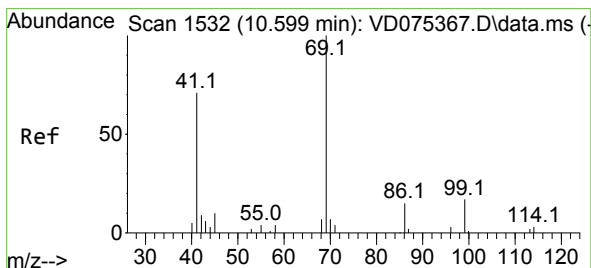
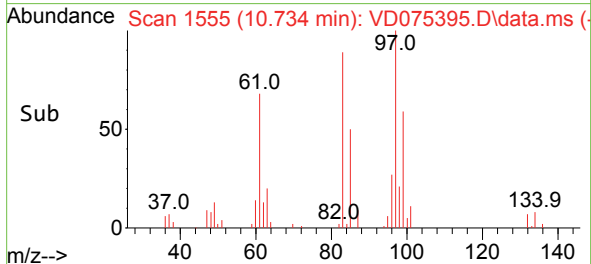
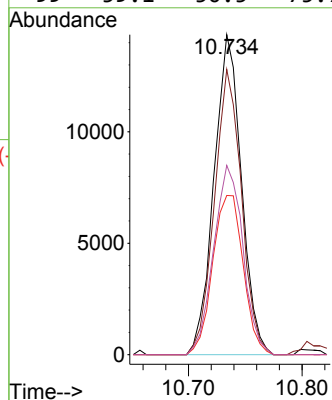
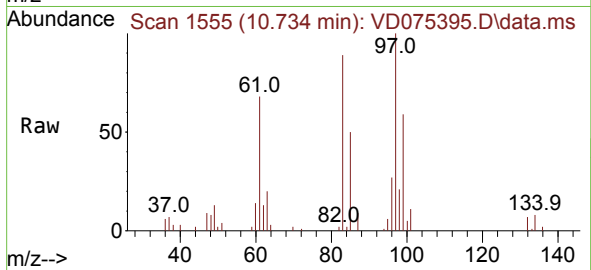




#55
1,1,2-Trichloroethane
Concen: 49.211 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD075395.D
Acq: 22 Feb 2023 11:08

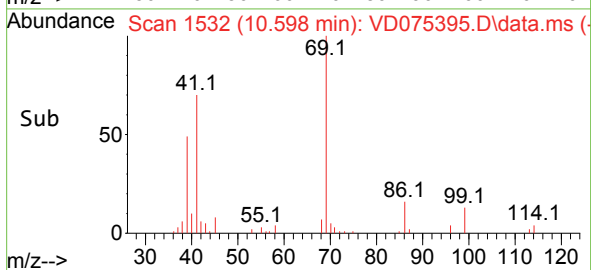
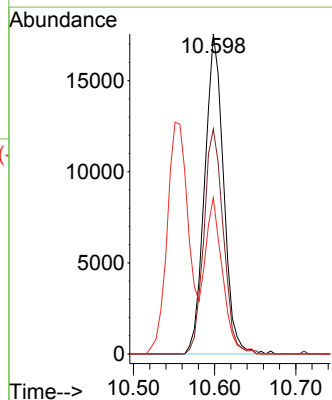
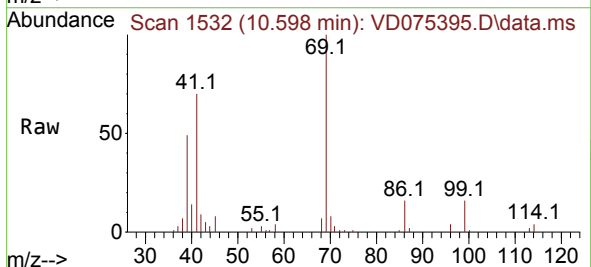
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

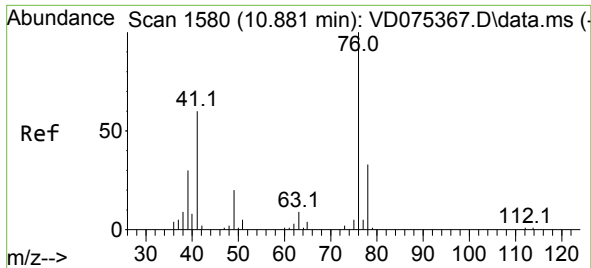
Tgt Ion:	97	Resp:	24092
Ion	Ratio	Lower	Upper
97	100		
83	89.1	74.2	111.4
85	49.8	45.4	68.0
99	59.1	50.5	75.7



#56
Ethyl methacrylate
Concen: 52.074 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.001 min
Lab File: VD075395.D
Acq: 22 Feb 2023 11:08

Tgt Ion:	69	Resp:	28369
Ion	Ratio	Lower	Upper
69	100		
41	72.4	59.3	88.9
39	44.4	36.0	54.0

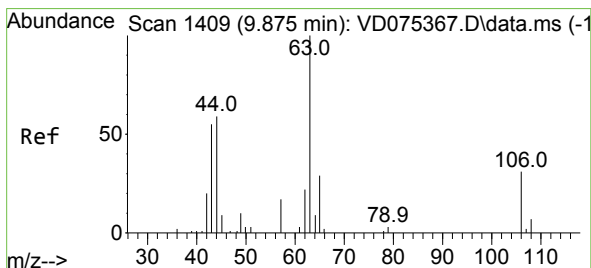
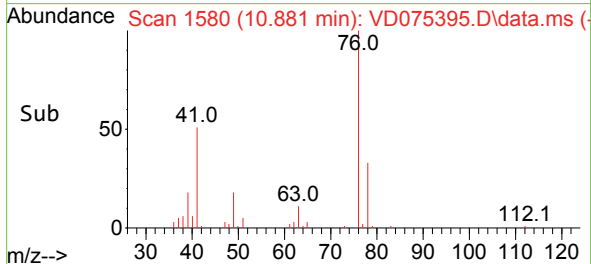
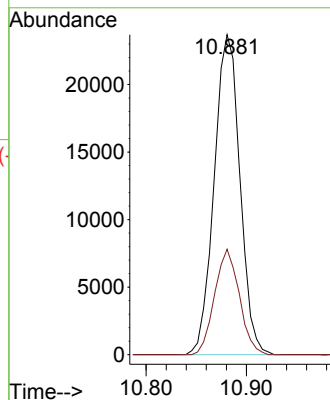
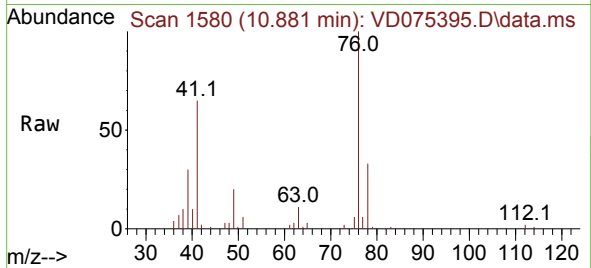




#57
1,3-Dichloropropane
Concen: 50.066 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD075395.D
Acq: 22 Feb 2023 11:08

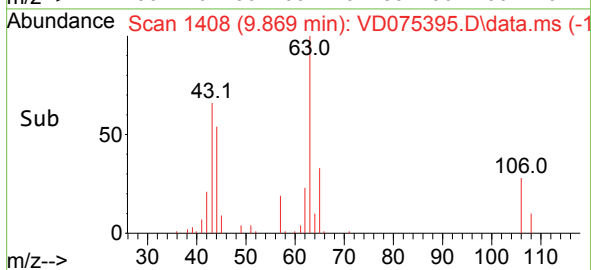
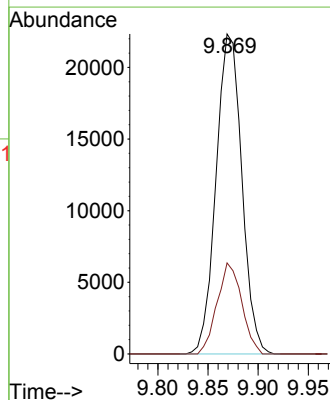
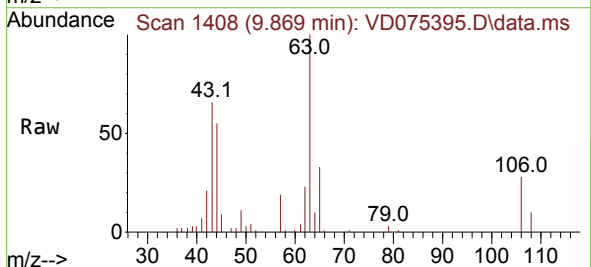
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

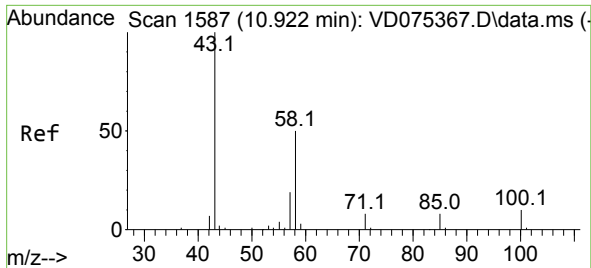
Tgt Ion: 76 Resp: 42216
Ion Ratio Lower Upper
76 100
78 31.7 25.6 38.4



#58
2-Chloroethyl Vinyl ether
Concen: 292.732 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. -0.006 min
Lab File: VD075395.D
Acq: 22 Feb 2023 11:08

Tgt Ion: 63 Resp: 39844
Ion Ratio Lower Upper
63 100
106 27.1 21.4 32.2

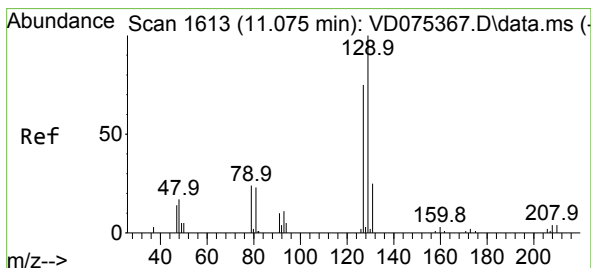
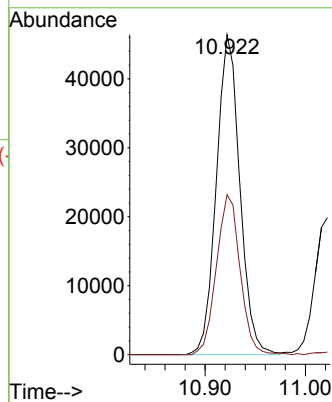
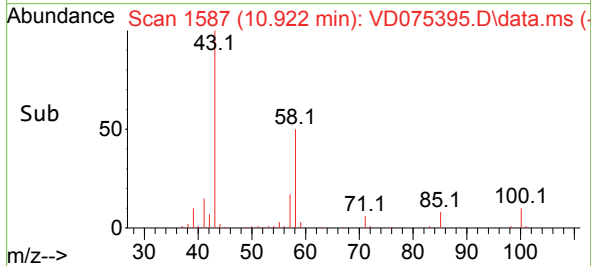
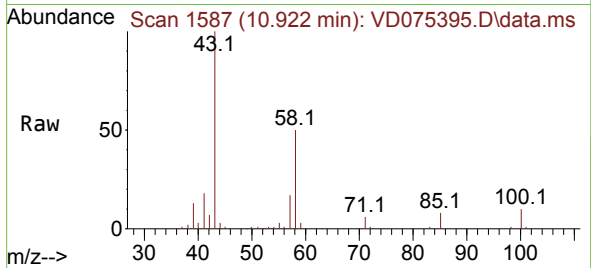




#59
2-Hexanone
Concen: 275.604 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD075395.D
Acq: 22 Feb 2023 11:08

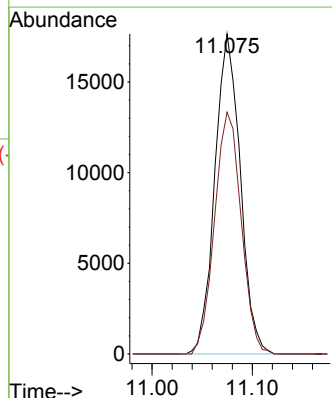
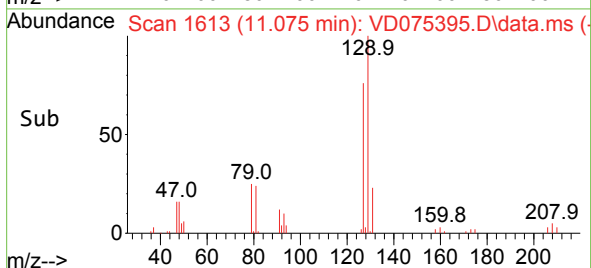
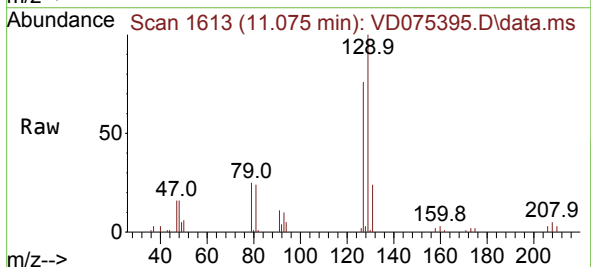
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

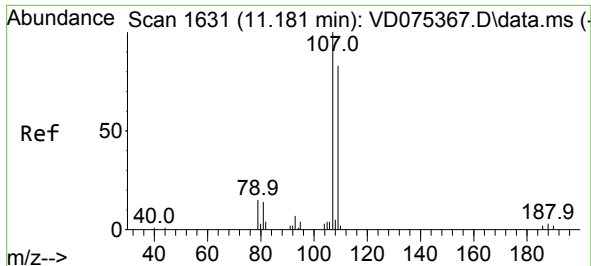
Tgt Ion: 43 Resp: 75293
Ion Ratio Lower Upper
43 100
58 50.5 25.3 75.8



#60
Dibromochloromethane
Concen: 49.567 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075395.D
Acq: 22 Feb 2023 11:08

Tgt Ion: 129 Resp: 31025
Ion Ratio Lower Upper
129 100
127 79.2 38.1 114.5

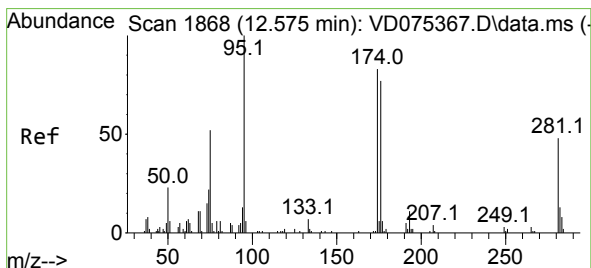
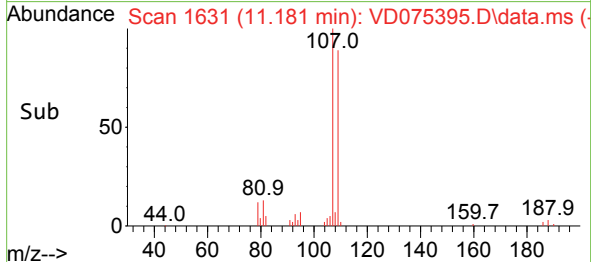
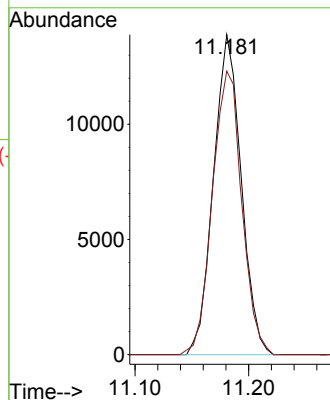
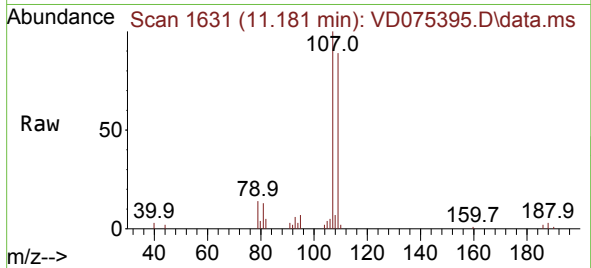




#61
1,2-Dibromoethane
Concen: 50.792 ug/l
RT: 11.181 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD075395.D
Acq: 22 Feb 2023 11:08

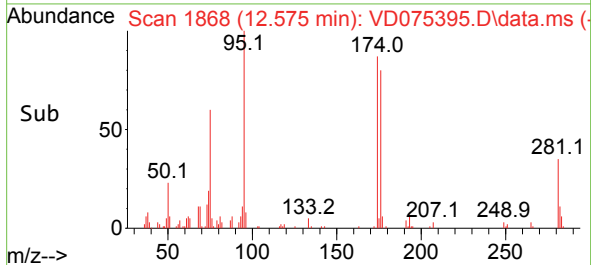
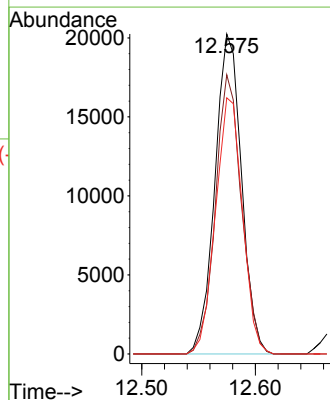
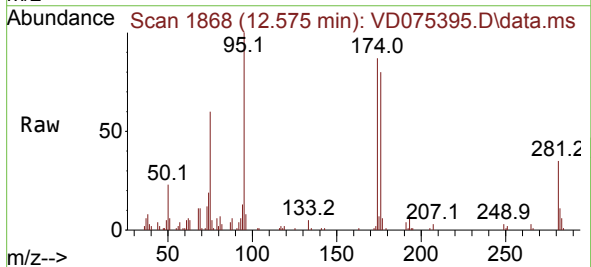
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

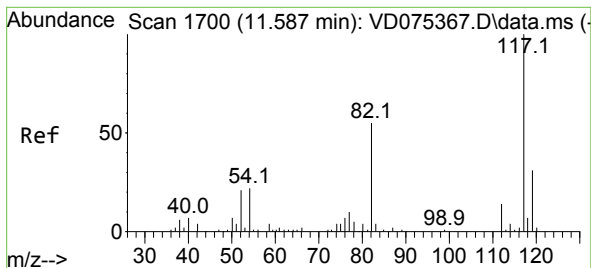
Tgt Ion:107 Resp: 23578
Ion Ratio Lower Upper
107 100
109 93.7 73.6 110.4



#62
4-Bromofluorobenzene
Concen: 46.892 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075395.D
Acq: 22 Feb 2023 11:08

Tgt Ion: 95 Resp: 32959
Ion Ratio Lower Upper
95 100
174 85.3 0.0 164.0
176 81.1 0.0 156.8

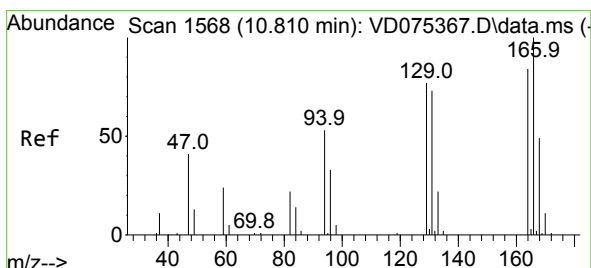
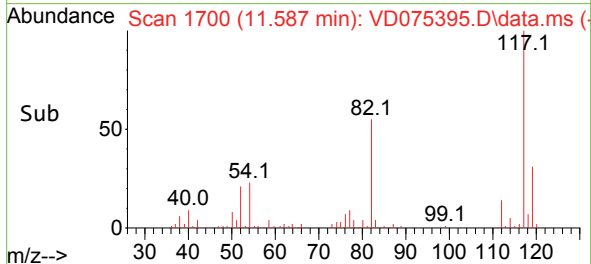
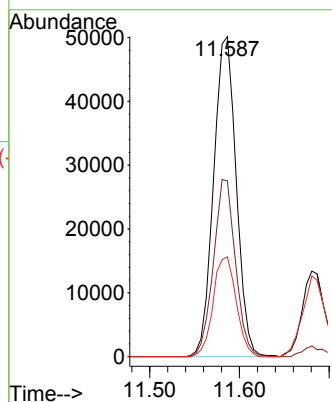
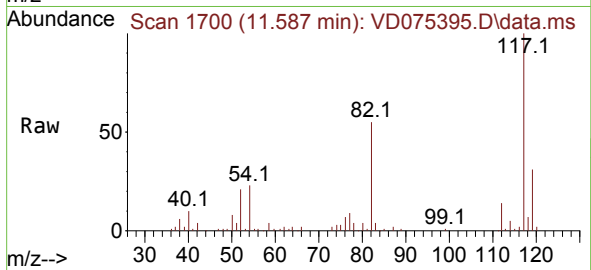




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075395.D
Acq: 22 Feb 2023 11:08

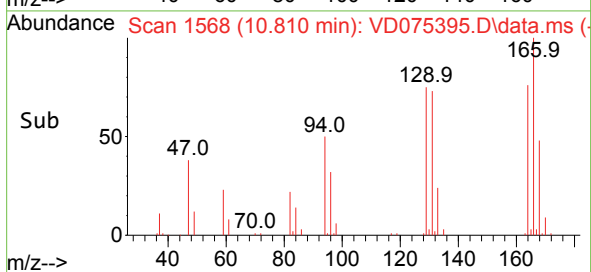
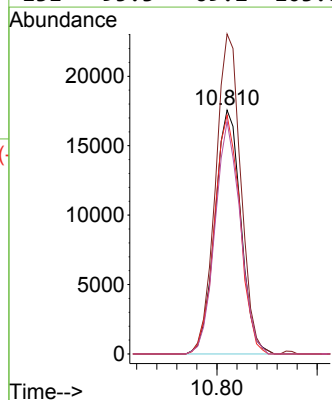
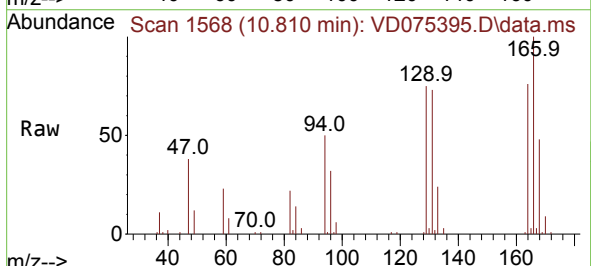
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

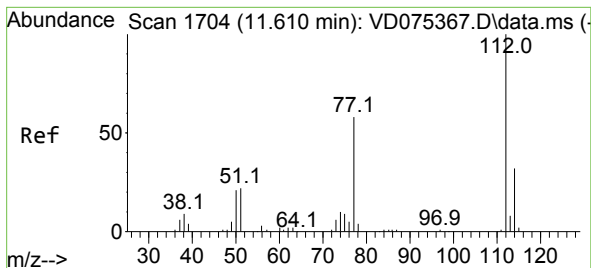
Tgt Ion:117 Resp: 87866
Ion Ratio Lower Upper
117 100
82 54.9 44.0 66.0
119 31.2 25.1 37.7



#64
Tetrachloroethene
Concen: 50.179 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075395.D
Acq: 22 Feb 2023 11:08

Tgt Ion:164 Resp: 31559
Ion Ratio Lower Upper
164 100
166 131.2 94.9 142.3
129 97.9 73.0 109.6
131 95.3 69.2 103.8





#65

Chlorobenzene

Concen: 50.616 ug/l

RT: 11.610 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075395.D

Acq: 22 Feb 2023 11:08

Instrument :

MSVOA_D

ClientSampleId :

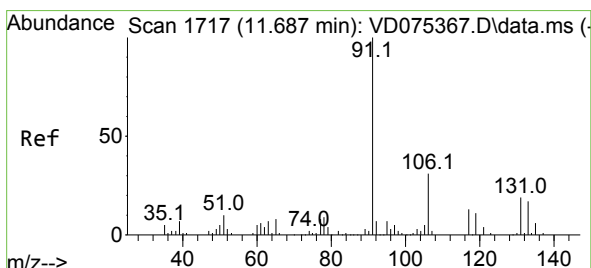
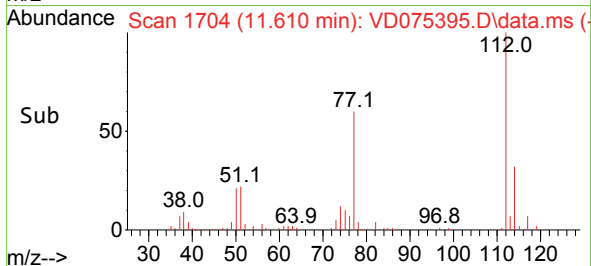
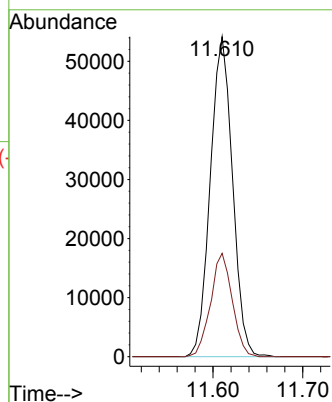
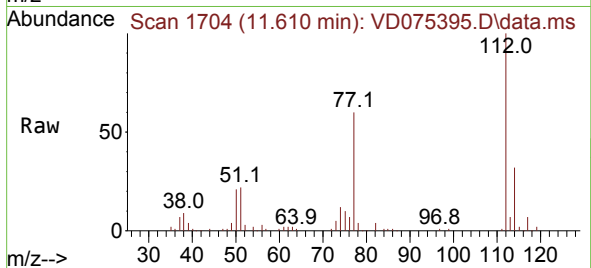
VSTDCCC050

Tgt Ion:112 Resp: 93022

Ion Ratio Lower Upper

112 100

114 32.3 25.8 38.8



#66

1,1,1,2-Tetrachloroethane

Concen: 52.427 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.006 min

Lab File: VD075395.D

Acq: 22 Feb 2023 11:08

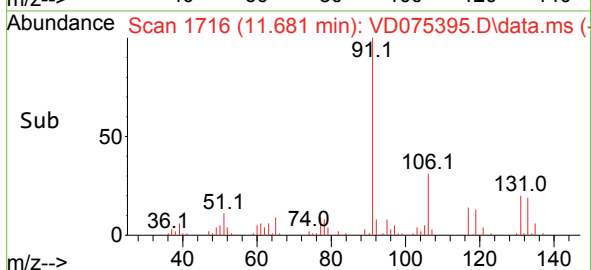
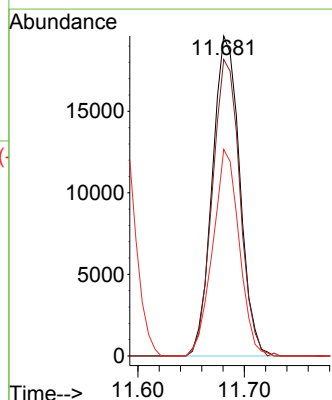
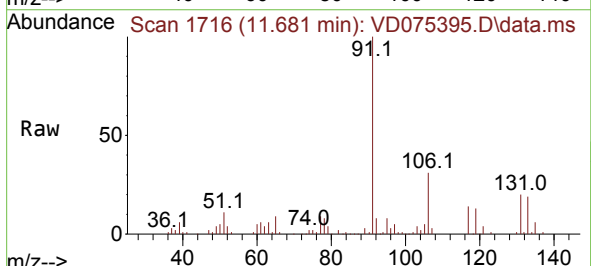
Tgt Ion:131 Resp: 34988

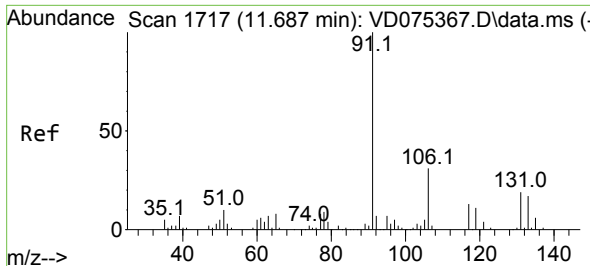
Ion Ratio Lower Upper

131 100

133 93.0 46.7 140.0

119 62.4 31.9 95.9

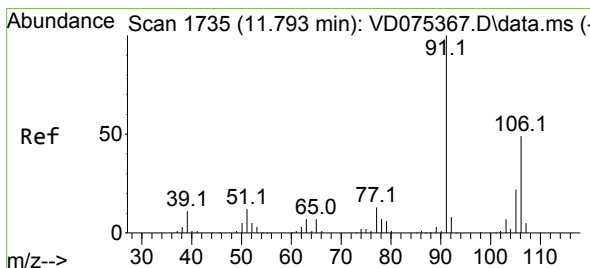
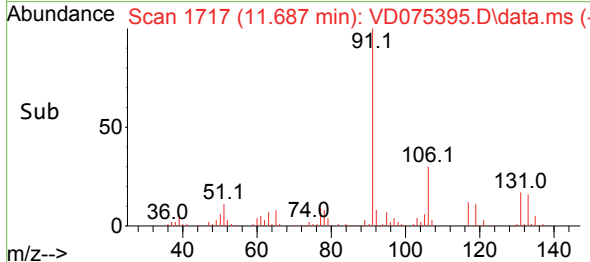
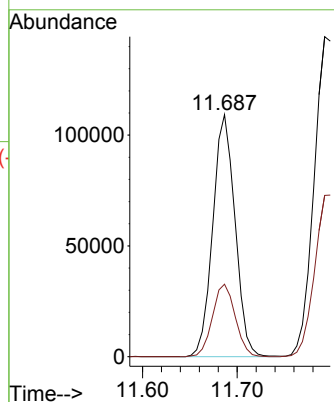
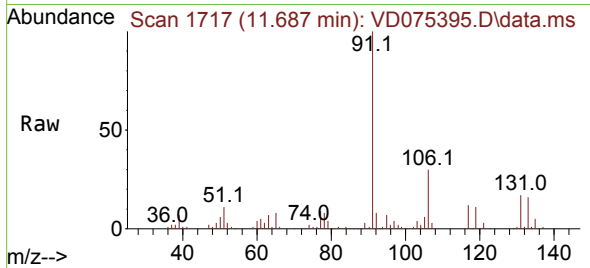




#67
Ethyl Benzene
Concen: 53.519 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075395.D
Acq: 22 Feb 2023 11:08

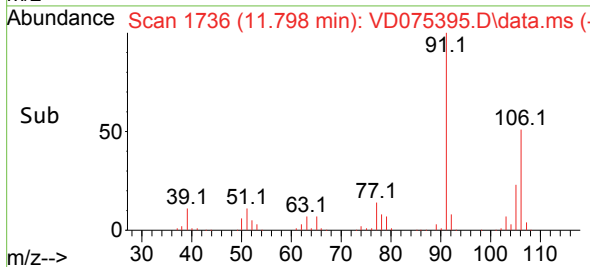
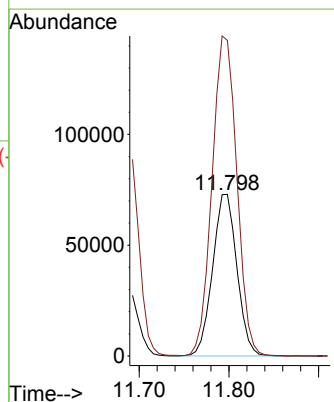
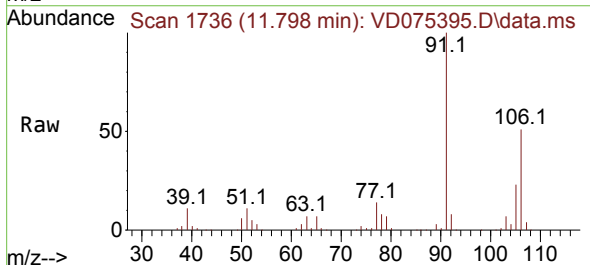
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

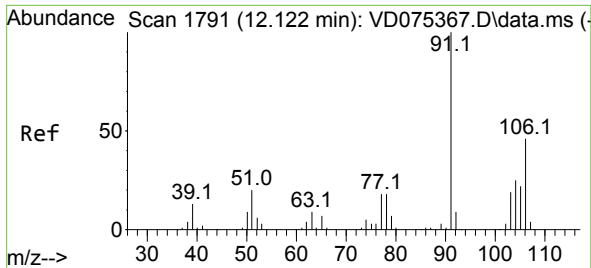
Tgt Ion: 91 Resp: 178374
Ion Ratio Lower Upper
91 100
106 30.0 24.5 36.7



#68
m/p-Xylenes
Concen: 104.925 ug/l
RT: 11.798 min Scan# 1736
Delta R.T. 0.005 min
Lab File: VD075395.D
Acq: 22 Feb 2023 11:08

Tgt Ion:106 Resp: 137077
Ion Ratio Lower Upper
106 100
91 202.1 161.5 242.3

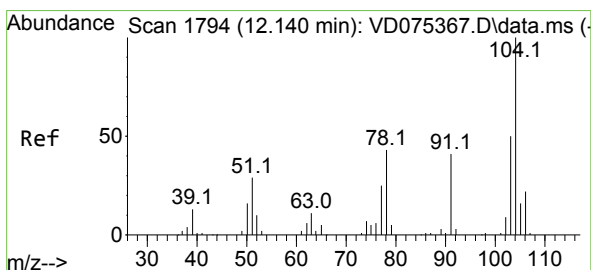
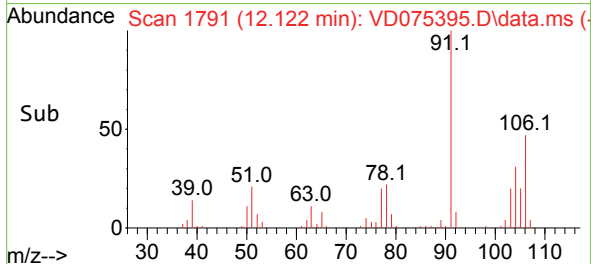
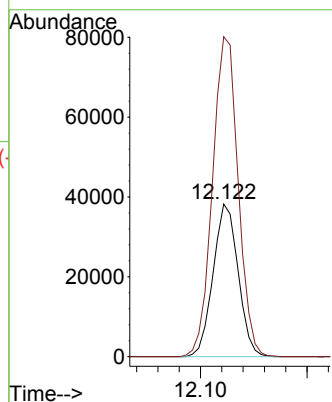
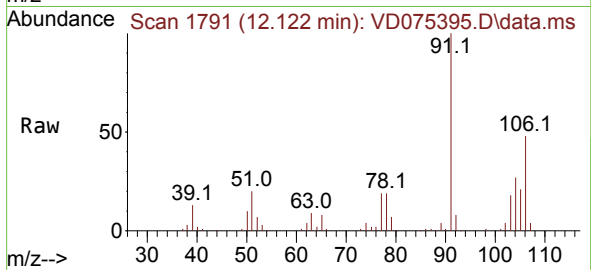




#69
o-Xylene
Concen: 52.005 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075395.D
Acq: 22 Feb 2023 11:08

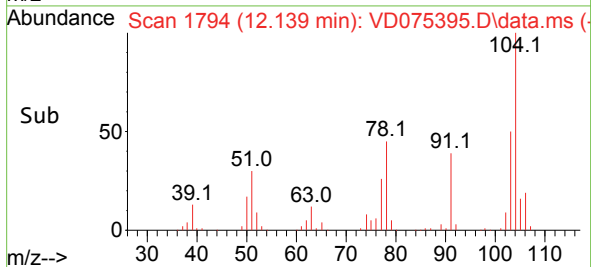
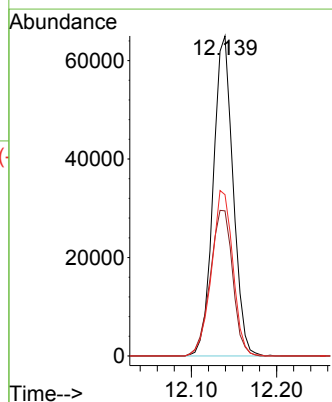
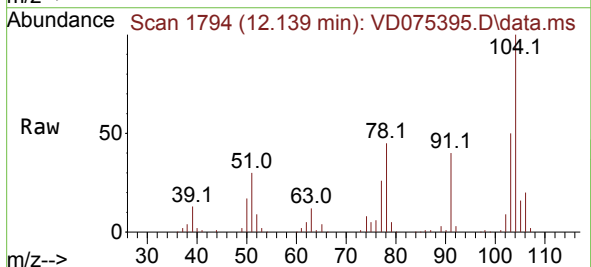
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

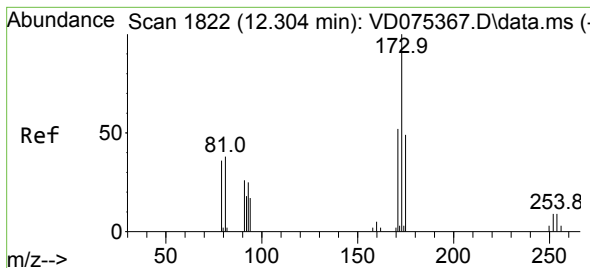
Tgt Ion:106 Resp: 62224
Ion Ratio Lower Upper
106 100
91 215.0 105.7 317.1



#70
Styrene
Concen: 52.710 ug/l
RT: 12.139 min Scan# 1794
Delta R.T. -0.001 min
Lab File: VD075395.D
Acq: 22 Feb 2023 11:08

Tgt Ion:104 Resp: 105256
Ion Ratio Lower Upper
104 100
78 51.6 40.2 60.4
103 55.4 44.2 66.2





#71

Bromoform

Concen: 51.531 ug/l

RT: 12.304 min Scan# 1822

Delta R.T. 0.000 min

Lab File: VD075395.D

Acq: 22 Feb 2023 11:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

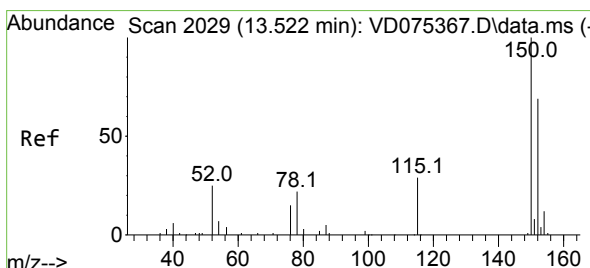
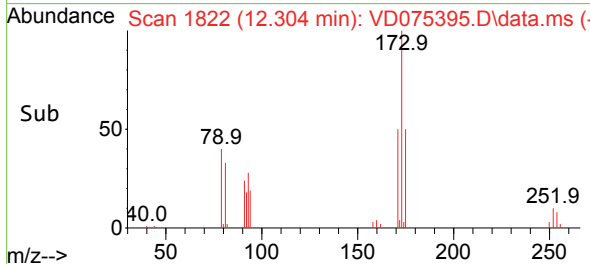
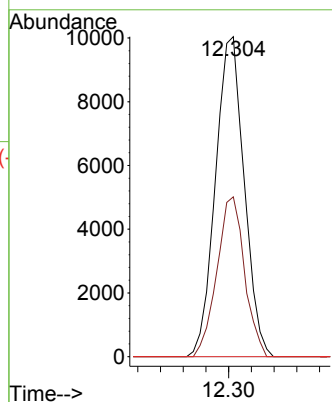
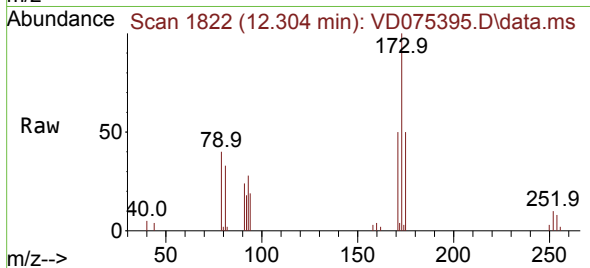
Tgt Ion:173 Resp: 17624

Ion Ratio Lower Upper

173 100

175 48.0 23.5 70.5

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: VD075395.D

Acq: 22 Feb 2023 11:08

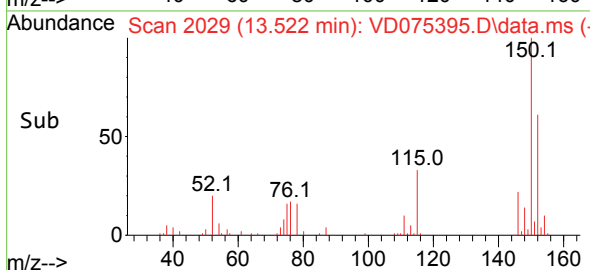
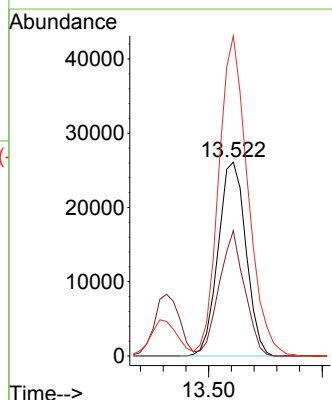
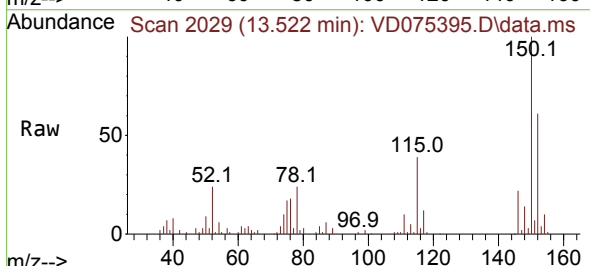
Tgt Ion:152 Resp: 44344

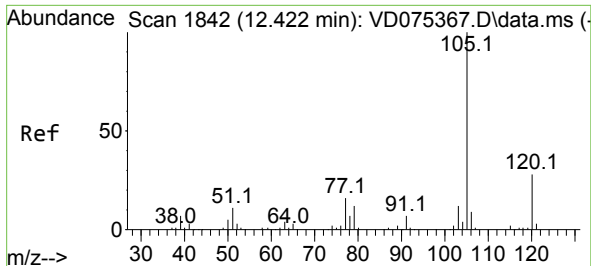
Ion Ratio Lower Upper

152 100

115 59.3 30.1 90.3

150 172.9 0.0 364.8

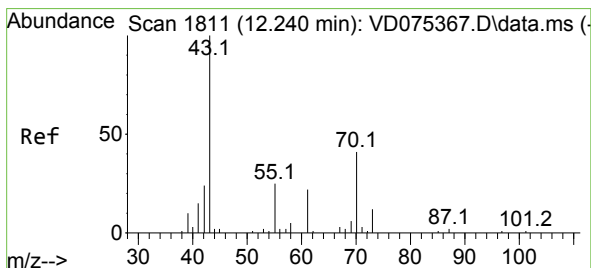
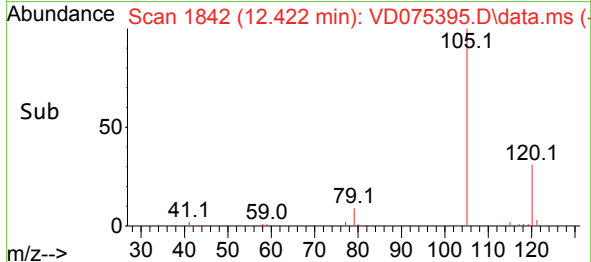
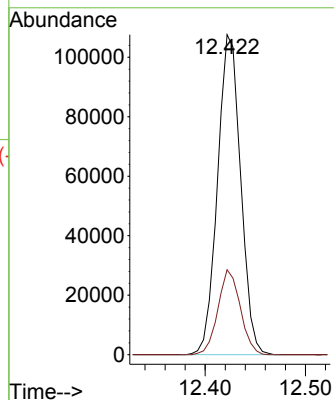
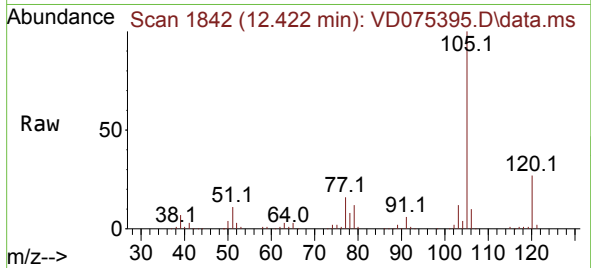




#73
Isopropylbenzene
Concen: 51.384 ug/l
RT: 12.422 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD075395.D
Acq: 22 Feb 2023 11:08

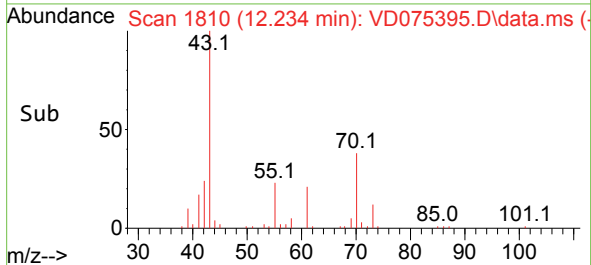
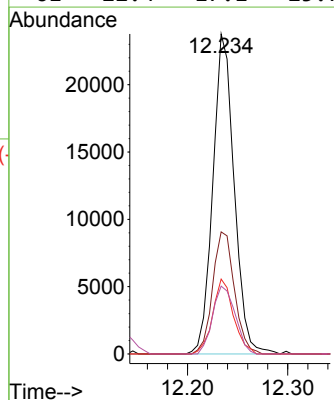
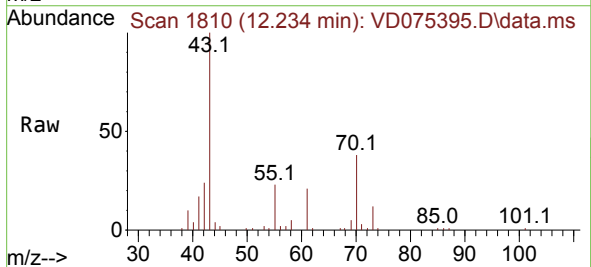
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

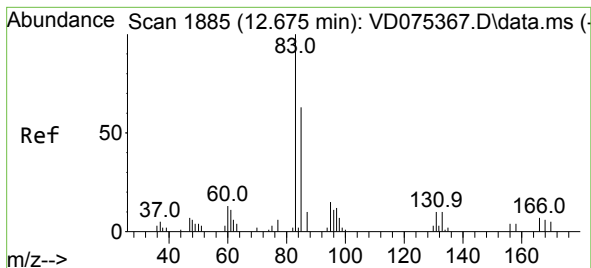
Tgt Ion:105 Resp: 171807
Ion Ratio Lower Upper
105 100
120 25.6 13.4 40.1



#74
N-ethyl acetate
Concen: 49.019 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VD075395.D
Acq: 22 Feb 2023 11:08

Tgt Ion: 43 Resp: 35088
Ion Ratio Lower Upper
43 100
70 39.0 31.0 46.4
55 22.8 18.6 28.0
61 22.4 17.1 25.7





#75

1,1,2,2-Tetrachloroethane

Concen: 48.272 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD075395.D

Acq: 22 Feb 2023 11:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

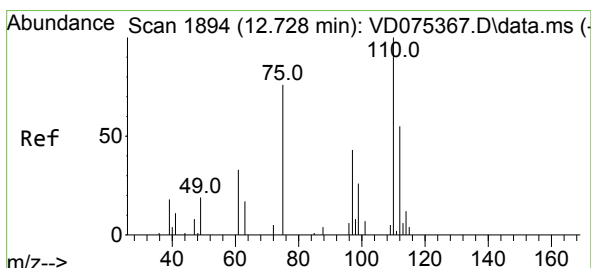
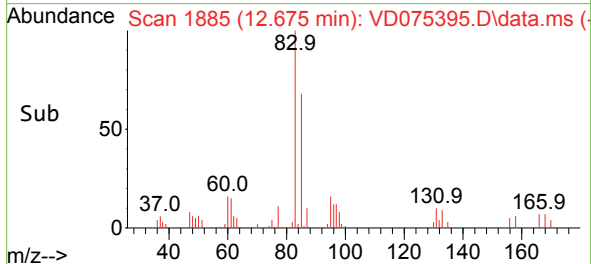
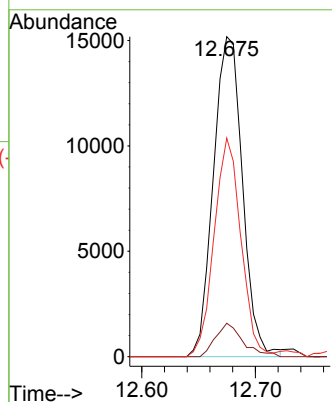
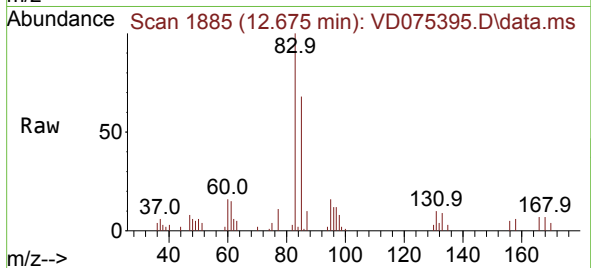
Tgt Ion: 83 Resp: 27048

Ion Ratio Lower Upper

83 100

131 9.8 5.1 15.2

85 62.9 33.6 100.6



#76

1,2,3-Trichloropropane

Concen: 93.470 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.006 min

Lab File: VD075395.D

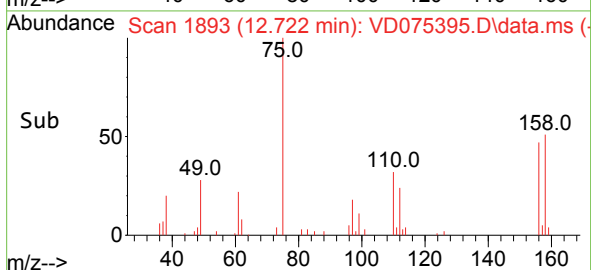
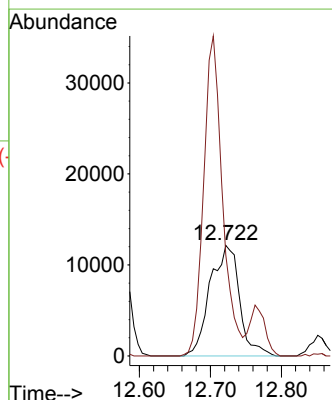
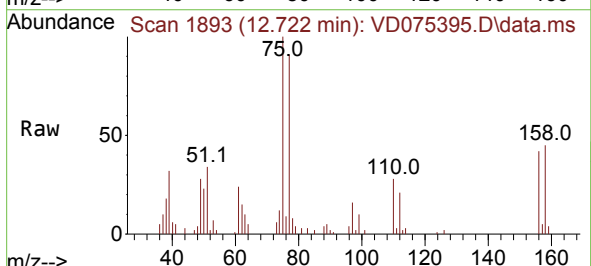
Acq: 22 Feb 2023 11:08

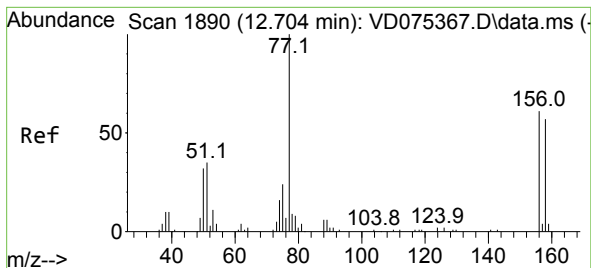
Tgt Ion: 75 Resp: 34905

Ion Ratio Lower Upper

75 100

77 187.0 0.0 0.0#





#77

Bromobenzene

Concen: 47.765 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD075395.D

Acq: 22 Feb 2023 11:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

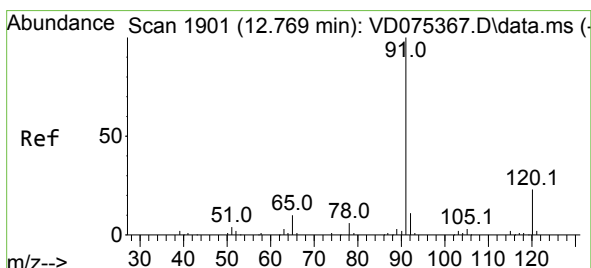
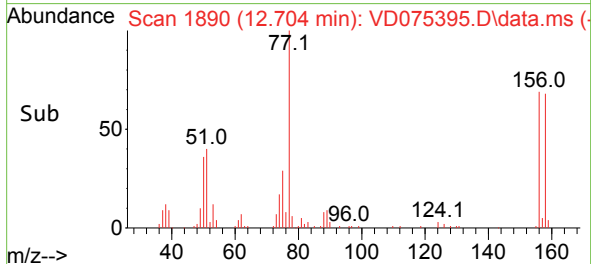
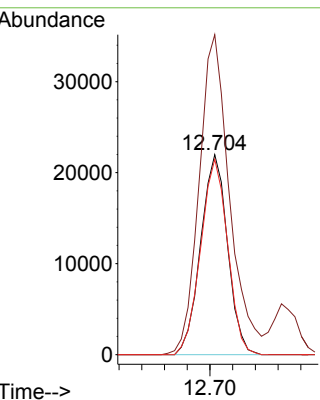
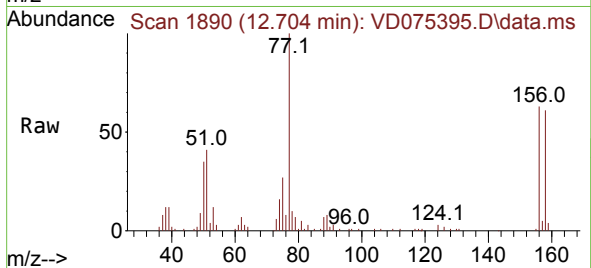
Tgt Ion:156 Resp: 36097

Ion Ratio Lower Upper

156 100

77 180.9 89.5 268.6

158 98.2 47.8 143.4



#78

n-propylbenzene

Concen: 50.955 ug/l

RT: 12.769 min Scan# 1901

Delta R.T. -0.000 min

Lab File: VD075395.D

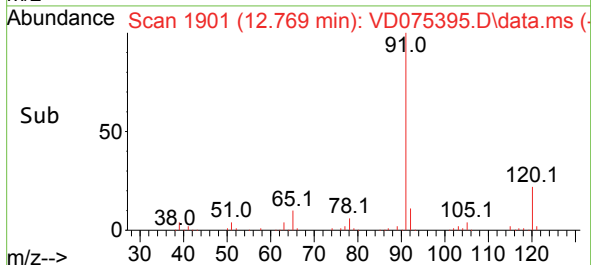
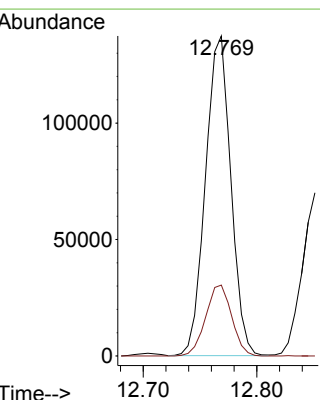
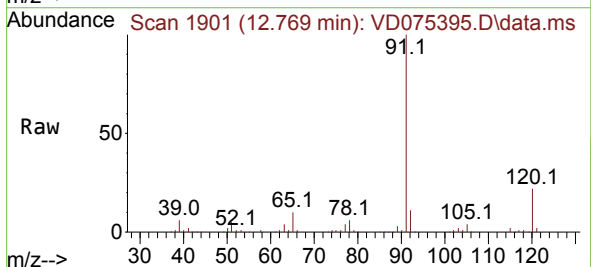
Acq: 22 Feb 2023 11:08

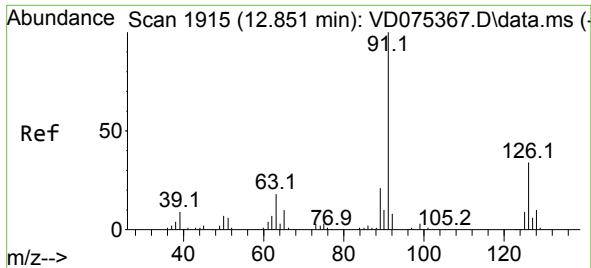
Tgt Ion: 91 Resp: 213176

Ion Ratio Lower Upper

91 100

120 22.7 11.4 34.2

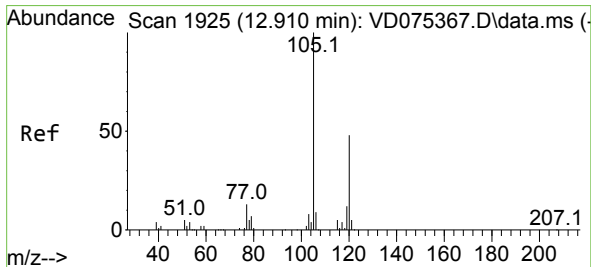
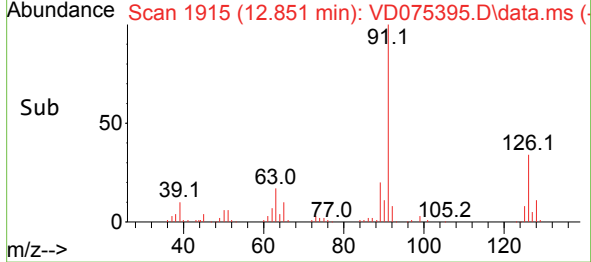
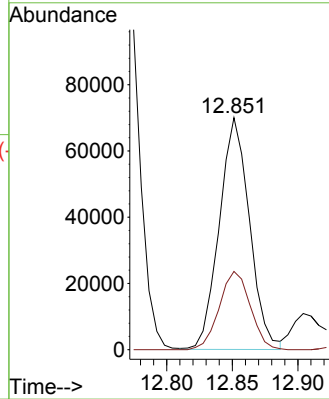
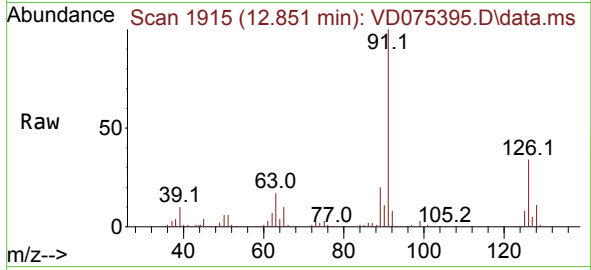




#79
2-Chlorotoluene
Concen: 49.721 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD075395.D
Acq: 22 Feb 2023 11:08

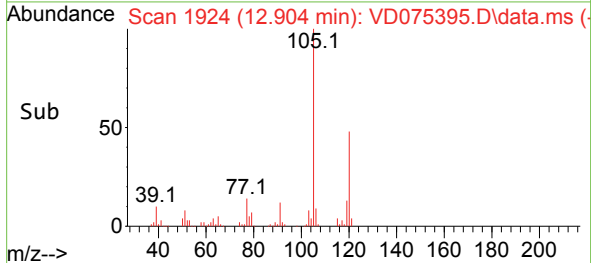
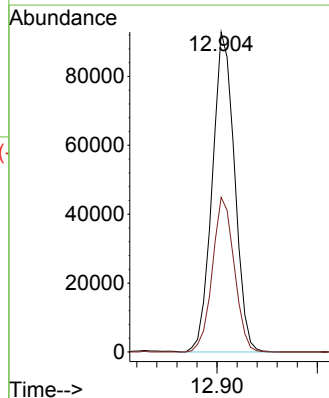
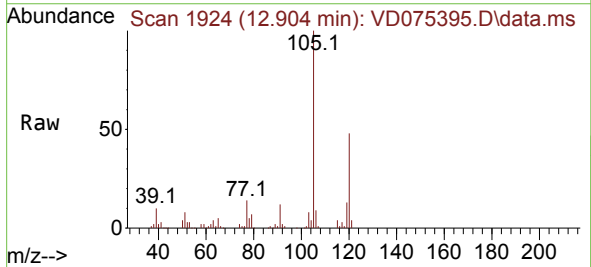
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

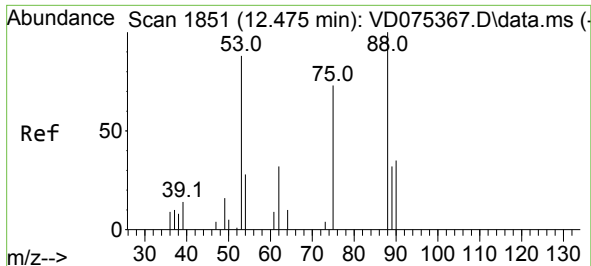
Tgt Ion: 91 Resp: 112327
Ion Ratio Lower Upper
91 100
126 34.5 16.8 50.3



#80
1,3,5-Trimethylbenzene
Concen: 51.716 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.006 min
Lab File: VD075395.D
Acq: 22 Feb 2023 11:08

Tgt Ion: 105 Resp: 143103
Ion Ratio Lower Upper
105 100
120 47.5 24.3 72.8

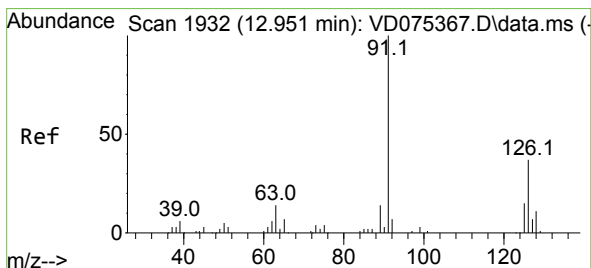
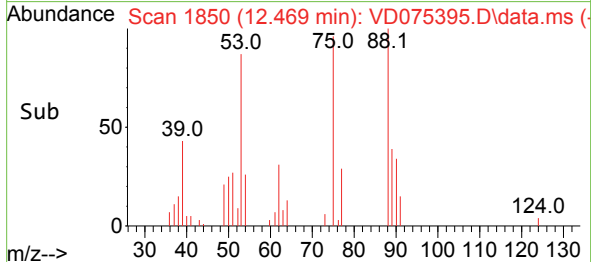
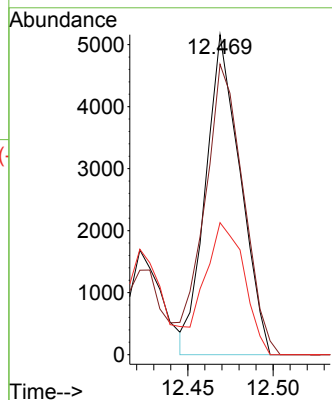
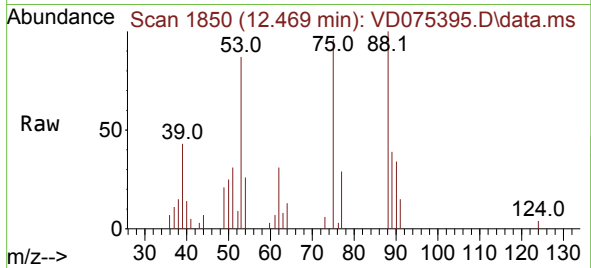




#81
trans-1,4-Dichloro-2-butene
Concen: 53.092 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD075395.D
Acq: 22 Feb 2023 11:08

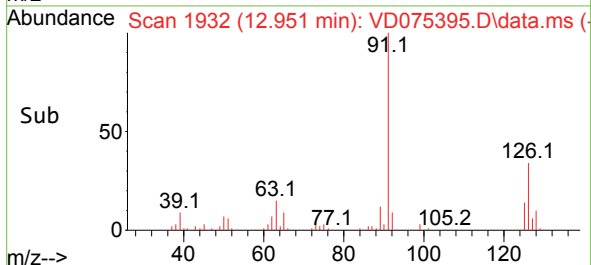
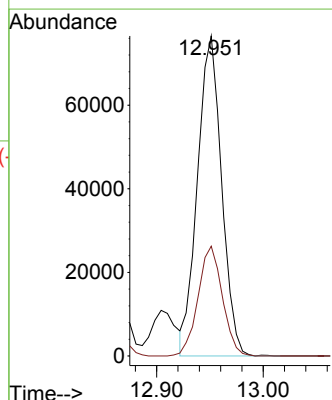
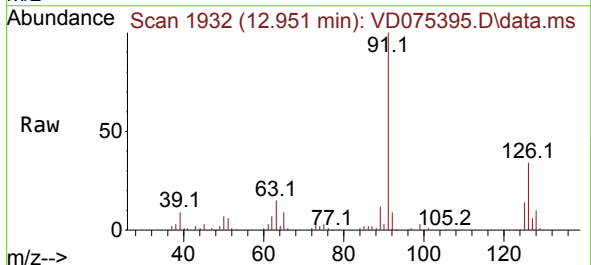
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

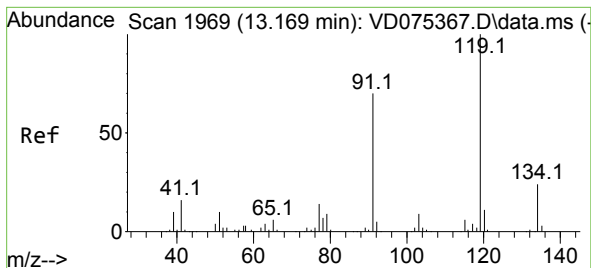
Tgt Ion: 75 Resp: 7277
Ion Ratio Lower Upper
75 100
53 103.0 90.5 135.7
89 45.5 40.2 60.4



#82
4-Chlorotoluene
Concen: 50.599 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.000 min
Lab File: VD075395.D
Acq: 22 Feb 2023 11:08

Tgt Ion: 91 Resp: 120601
Ion Ratio Lower Upper
91 100
126 34.5 17.1 51.2





#83

tert-Butylbenzene

Concen: 49.992 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD075395.D

Acq: 22 Feb 2023 11:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

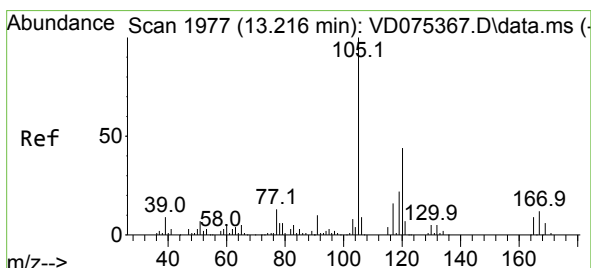
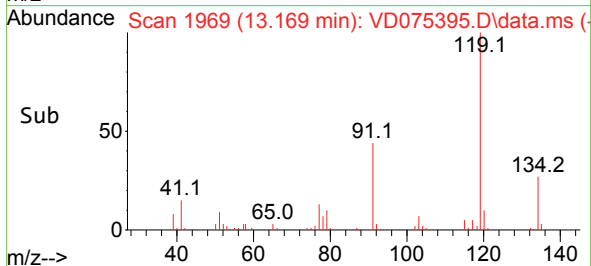
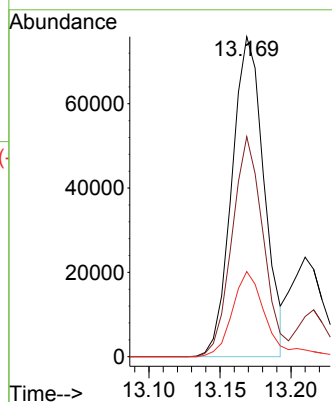
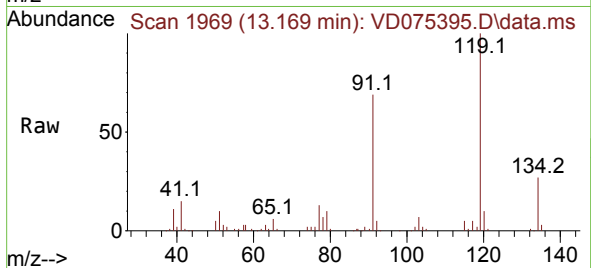
Tgt Ion:119 Resp: 119918

Ion Ratio Lower Upper

119 100

91 66.9 32.4 97.0

134 27.8 13.0 39.0



#84

1,2,4-Trimethylbenzene

Concen: 51.990 ug/l

RT: 13.216 min Scan# 1977

Delta R.T. -0.000 min

Lab File: VD075395.D

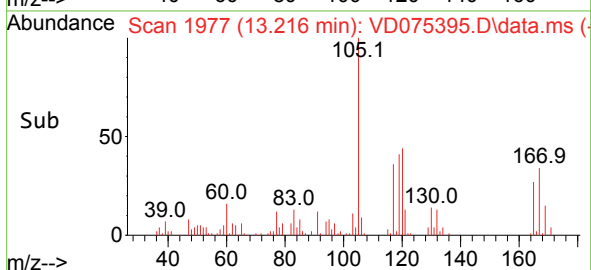
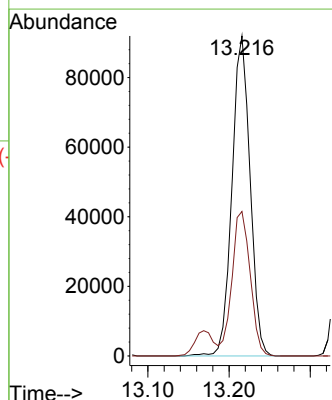
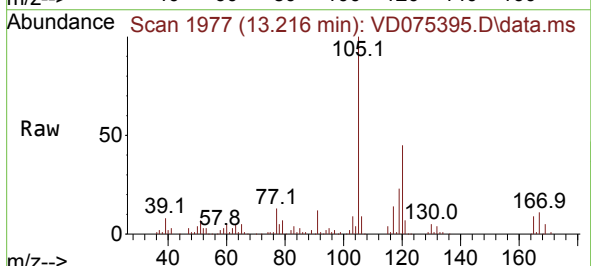
Acq: 22 Feb 2023 11:08

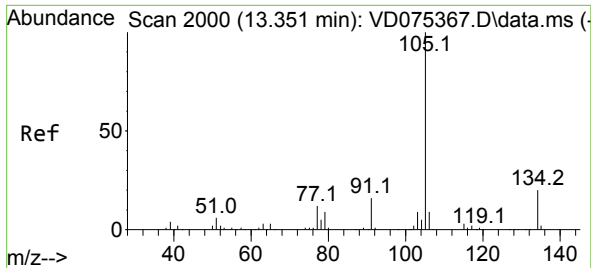
Tgt Ion:105 Resp: 142093

Ion Ratio Lower Upper

105 100

120 45.6 22.3 66.9

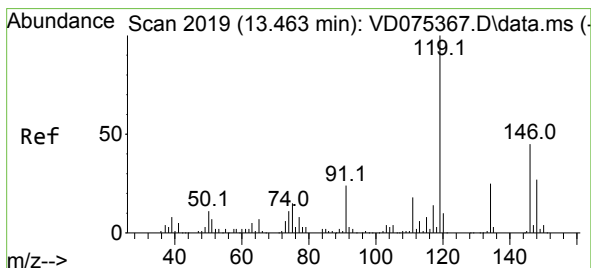
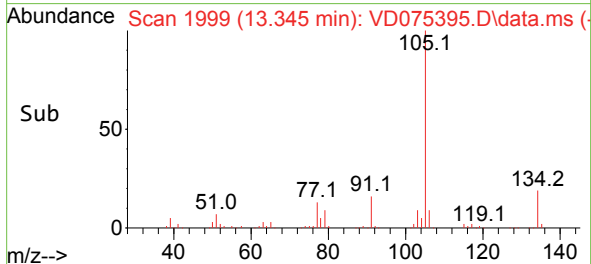
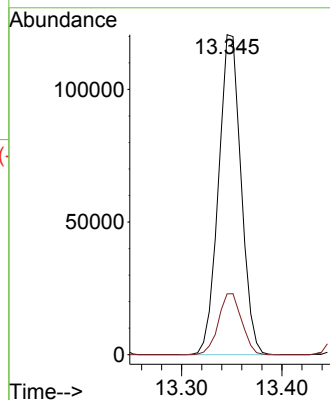
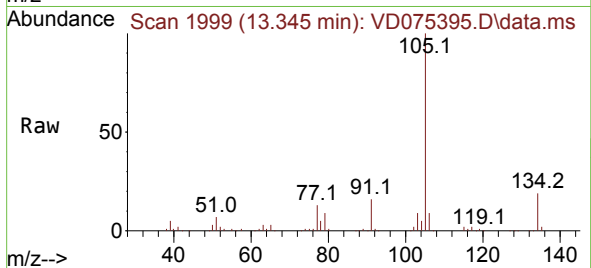




#85
 sec-Butylbenzene
 Concen: 50.909 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.006 min
 Lab File: VD075395.D
 Acq: 22 Feb 2023 11:08

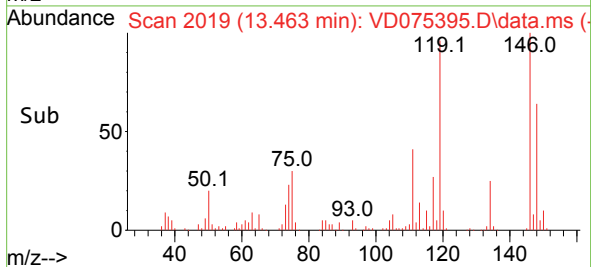
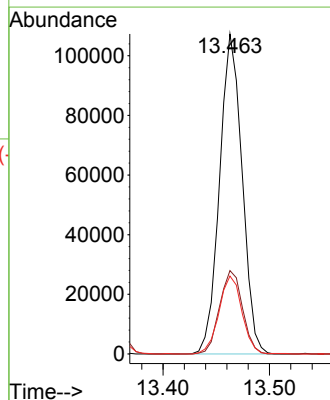
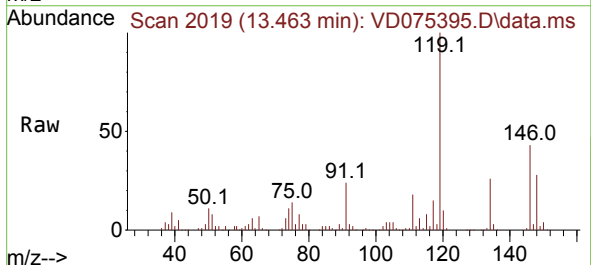
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

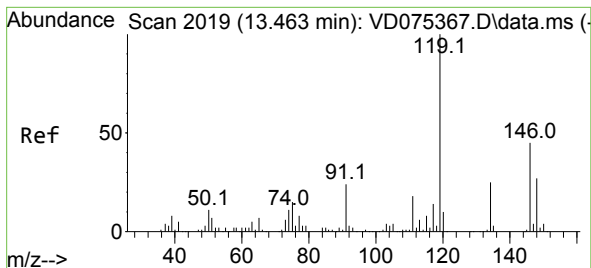
Tgt Ion:105 Resp: 188129
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 52.503 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD075395.D
 Acq: 22 Feb 2023 11:08

Tgt Ion:119 Resp: 157621
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.1 39.3
 91 24.9 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 49.239 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VD075395.D

Acq: 22 Feb 2023 11:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

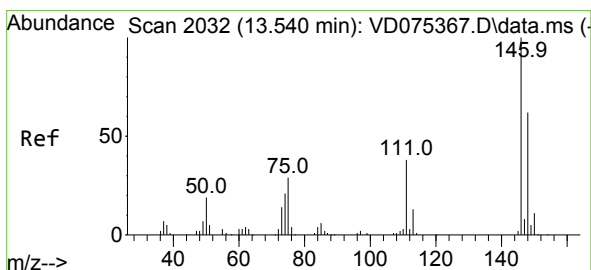
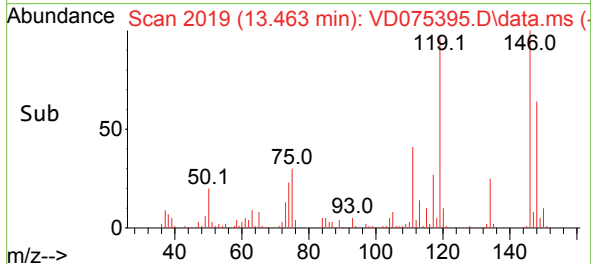
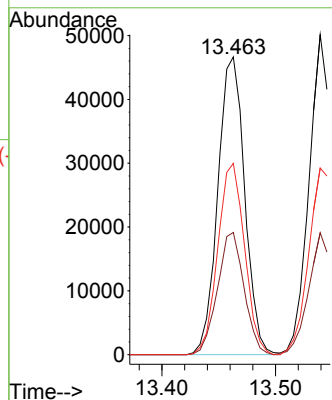
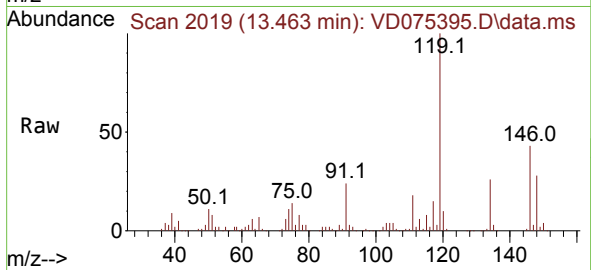
Tgt Ion:146 Resp: 76642

Ion Ratio Lower Upper

146 100

111 40.7 19.8 59.3

148 63.9 31.0 93.0



#88

1,4-Dichlorobenzene

Concen: 50.460 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. -0.001 min

Lab File: VD075395.D

Acq: 22 Feb 2023 11:08

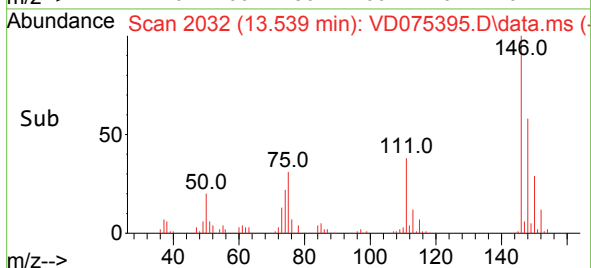
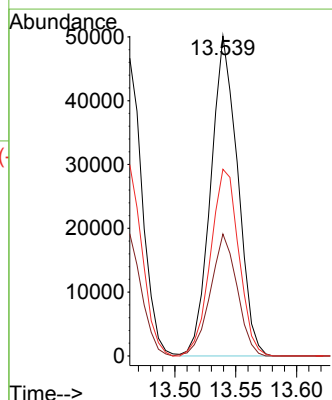
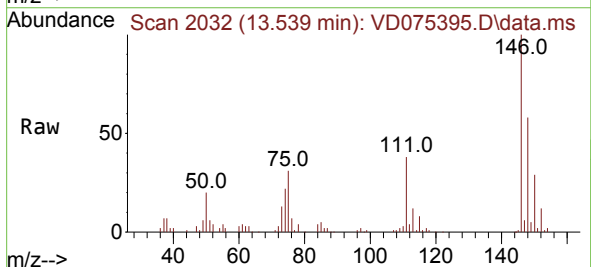
Tgt Ion:146 Resp: 77057

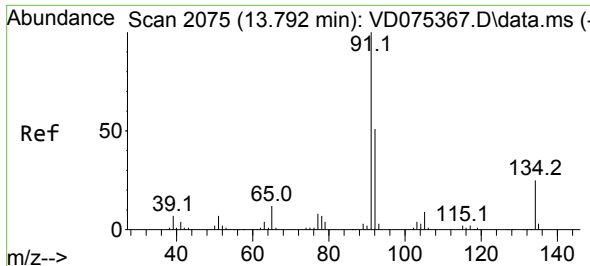
Ion Ratio Lower Upper

146 100

111 37.9 19.6 58.8

148 61.5 31.7 95.1

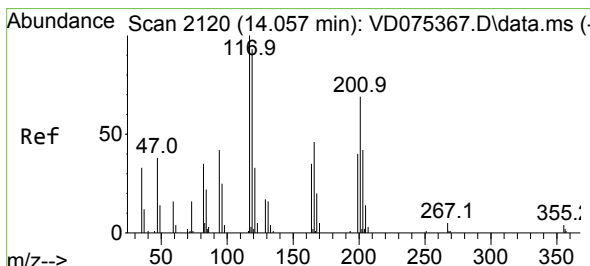
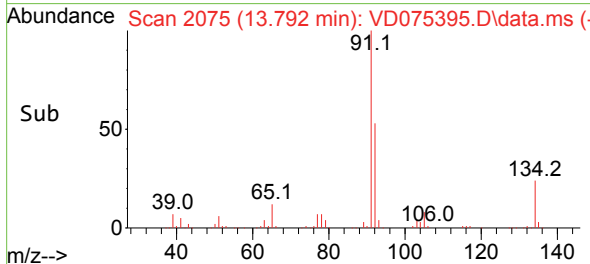
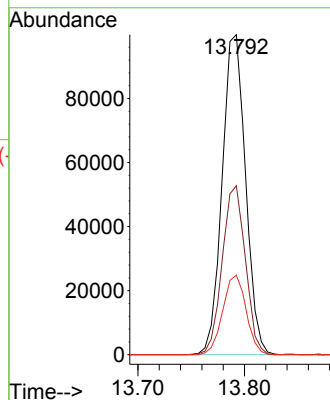
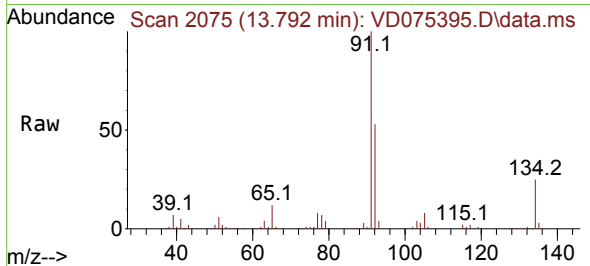




#89
n-Butylbenzene
Concen: 51.564 ug/l
RT: 13.792 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VD075395.D
Acq: 22 Feb 2023 11:08

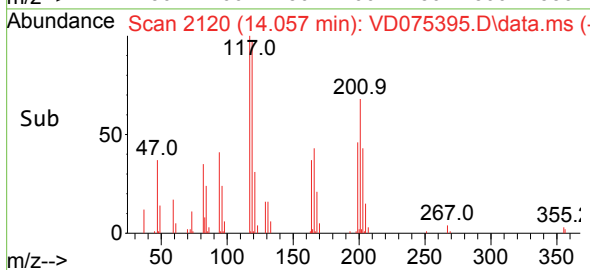
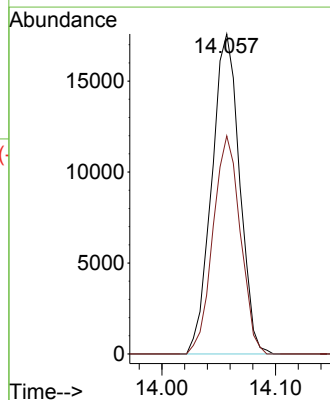
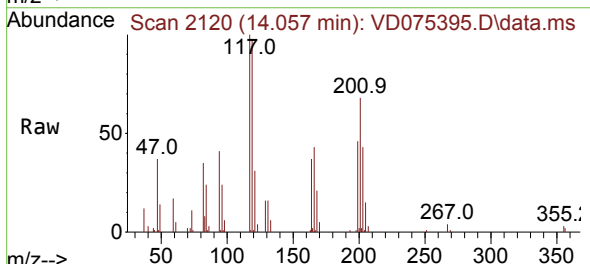
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

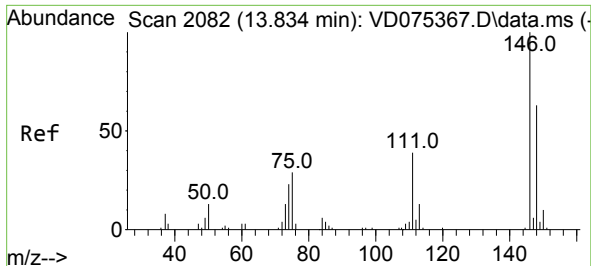
Tgt Ion: 91 Resp: 152287
Ion Ratio Lower Upper
91 100
92 52.2 26.2 78.5
134 24.8 12.7 38.0



#90
Hexachloroethane
Concen: 49.686 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD075395.D
Acq: 22 Feb 2023 11:08

Tgt Ion: 117 Resp: 29923
Ion Ratio Lower Upper
117 100
201 67.0 34.5 103.6

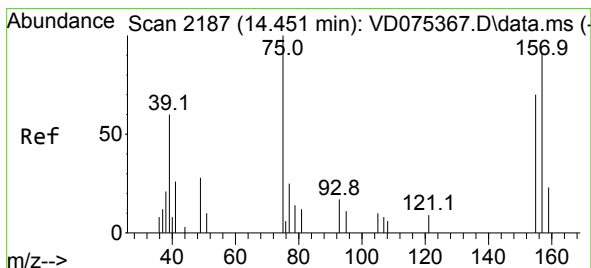
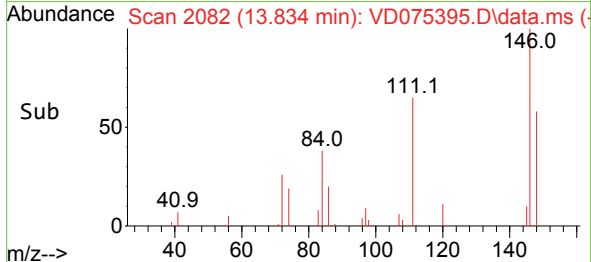
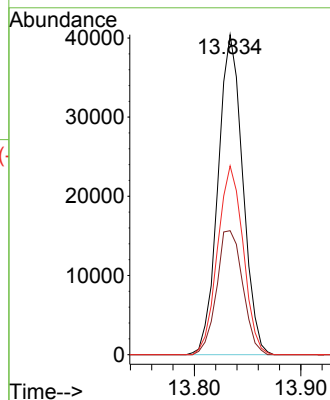
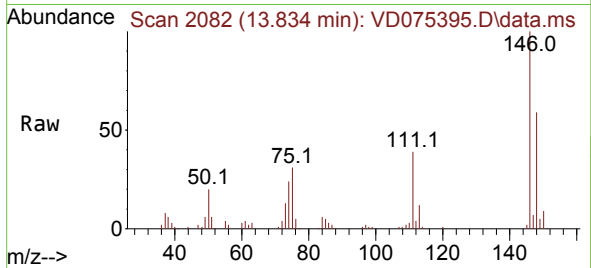




#91
1,2-Dichlorobenzene
Concen: 49.886 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD075395.D
Acq: 22 Feb 2023 11:08

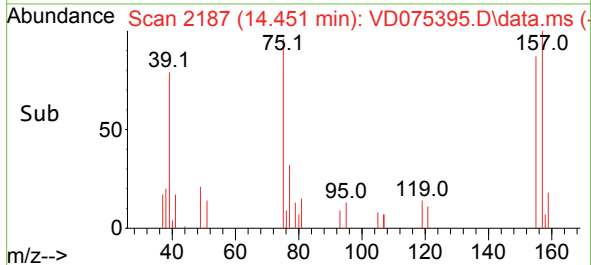
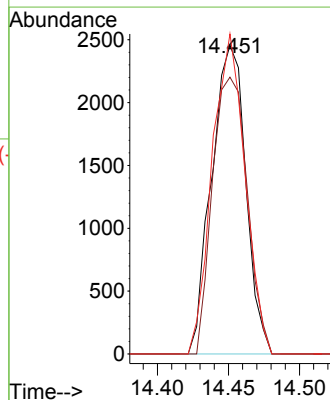
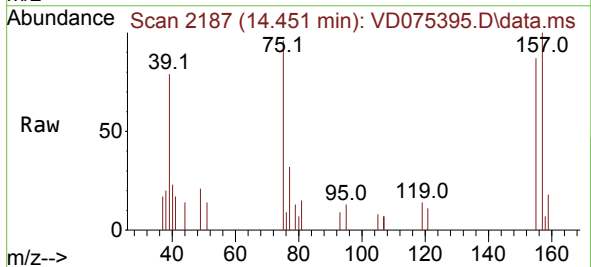
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

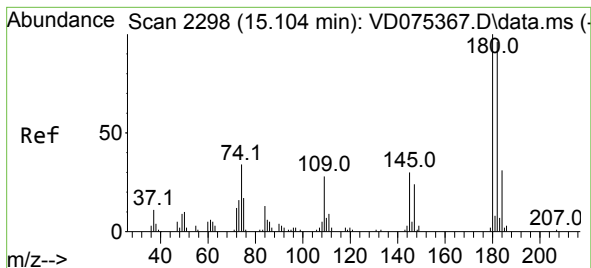
Tgt Ion:146 Resp: 65106
Ion Ratio Lower Upper
146 100
111 41.0 20.6 61.8
148 61.1 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.952 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD075395.D
Acq: 22 Feb 2023 11:08

Tgt Ion: 75 Resp: 4101
Ion Ratio Lower Upper
75 100
155 91.4 39.5 118.5
157 99.7 53.5 160.7





#93

1,2,4-Trichlorobenzene

Concen: 49.888 ug/l

RT: 15.104 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VD075395.D

Acq: 22 Feb 2023 11:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

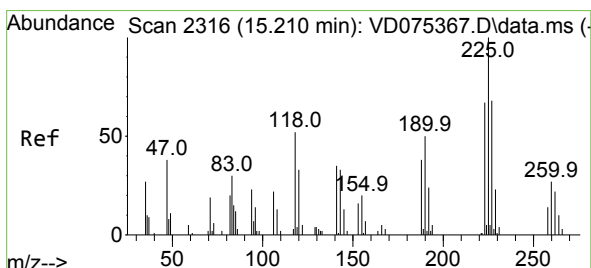
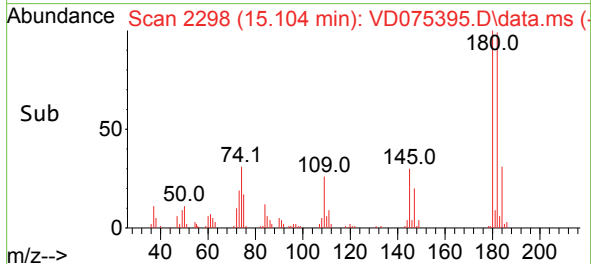
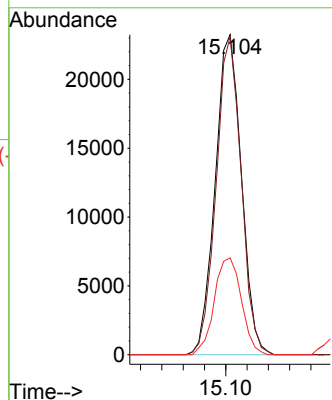
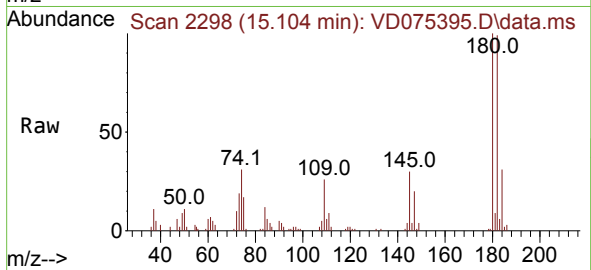
Tgt Ion:180 Resp: 39590

Ion Ratio Lower Upper

180 100

182 94.9 47.9 143.7

145 31.3 15.9 47.7



#94

Hexachlorobutadiene

Concen: 49.056 ug/l

RT: 15.210 min Scan# 2316

Delta R.T. -0.000 min

Lab File: VD075395.D

Acq: 22 Feb 2023 11:08

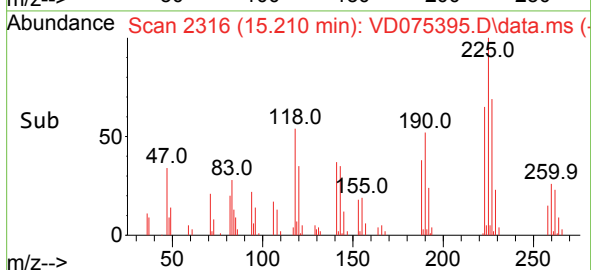
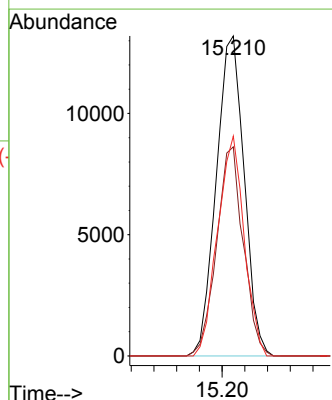
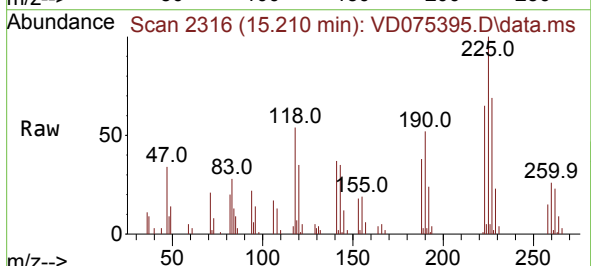
Tgt Ion:225 Resp: 22533

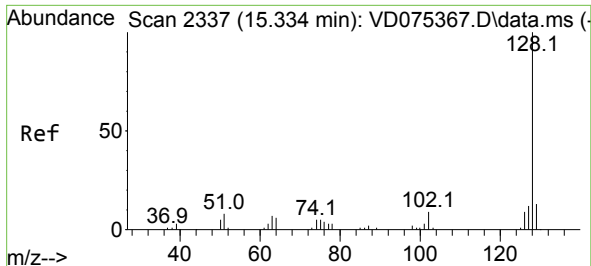
Ion Ratio Lower Upper

225 100

223 62.7 33.1 99.2

227 65.4 31.9 95.9

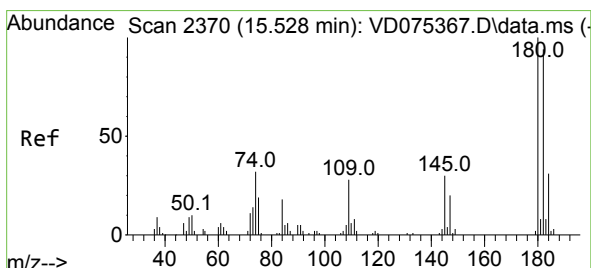
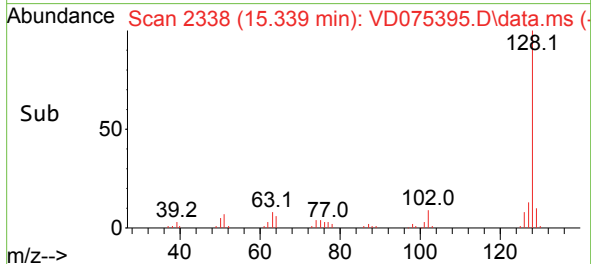
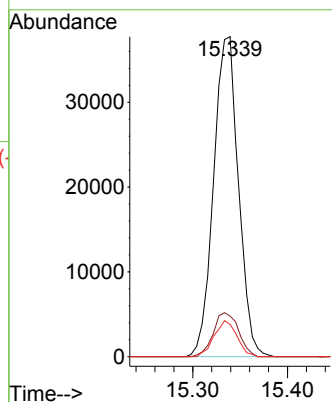
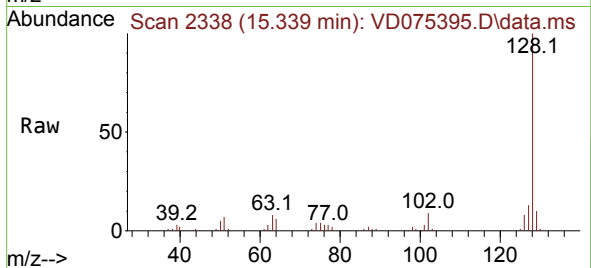




#95
Naphthalene
Concen: 48.967 ug/l
RT: 15.339 min Scan# 21
Delta R.T. 0.005 min
Lab File: VD075395.D
Acq: 22 Feb 2023 11:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 68747
Ion Ratio Lower Upper
128 100
127 14.0 10.4 15.6
129 10.3 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 50.413 ug/l
RT: 15.528 min Scan# 2370
Delta R.T. -0.000 min
Lab File: VD075395.D
Acq: 22 Feb 2023 11:08

Tgt Ion:180 Resp: 33827
Ion Ratio Lower Upper
180 100
182 93.3 47.7 143.1
145 33.3 16.4 49.4

