

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021023\
 Data File : VD075308.D
 Acq On : 10 Feb 2023 14:10
 Operator : KP/SY
 Sample : VD0210SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 10 23:38:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 04:26:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	47862	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	79064	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	71191	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	36484	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	29278	52.168	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.340%
35) Dibromofluoromethane	7.805	113	28998	52.306	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.620%
50) Toluene-d8	10.269	98	105801	50.322	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.640%
62) 4-Bromofluorobenzene	12.575	95	35585	51.330	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.660%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	9980	24.042	ug/l	100
3) Chloromethane	2.146	50	16461	21.658	ug/l	100
4) Vinyl Chloride	2.281	62	16024	20.124	ug/l	99
5) Bromomethane	2.675	94	10430	20.472	ug/l	100
6) Chloroethane	2.828	64	11266	20.509	ug/l	99
7) Trichlorofluoromethane	3.175	101	20606	20.813	ug/l	100
8) Diethyl Ether	3.593	74	5423	20.376	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.969	101	11944	21.259	ug/l	98
10) Methyl Iodide	4.164	142	11476	18.550	ug/l	90
11) Tert butyl alcohol	5.046	59	1637	41.519	ug/l #	89
12) 1,1-Dichloroethene	3.940	96	11194	20.896	ug/l	97
13) Acrolein	3.793	56	2816	145.113	ug/l	96
14) Allyl chloride	4.558	41	17961	20.152	ug/l	92
15) Acrylonitrile	5.258	53	12905	99.642	ug/l	98
16) Acetone	4.022	43	14342	96.645	ug/l	96
17) Carbon Disulfide	4.275	76	33709	20.397	ug/l #	95
18) Methyl Acetate	4.564	43	9187	21.667	ug/l	96
19) Methyl tert-butyl Ether	5.316	73	24987	20.317	ug/l	99
20) Methylene Chloride	4.799	84	16623	23.374	ug/l	93
21) trans-1,2-Dichloroethene	5.305	96	12501	20.622	ug/l	95
22) Diisopropyl ether	6.210	45	36444	20.557	ug/l	93
23) Vinyl Acetate	6.152	43	51449	97.558	ug/l #	94
24) 1,1-Dichloroethane	6.111	63	22531	20.385	ug/l	98
25) 2-Butanone	7.081	43	17923	97.473	ug/l	96
26) 2,2-Dichloropropane	7.069	77	19597	20.031	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	14170	20.894	ug/l	98
28) Bromochloromethane	7.422	49	7063	23.509	ug/l #	98
29) Tetrahydrofuran	7.446	42	10543	106.478	ug/l	94
30) Chloroform	7.599	83	23965	21.066	ug/l	92
31) Cyclohexane	7.875	56	19669	19.737	ug/l	95
32) 1,1,1-Trichloroethane	7.793	97	20902	20.541	ug/l	97
36) 1,1-Dichloropropene	8.005	75	17855	20.675	ug/l	99
37) Ethyl Acetate	7.169	43	7912	21.006	ug/l #	93
38) Carbon Tetrachloride	7.993	117	16590	20.731	ug/l	98
39) Methylcyclohexane	9.275	83	20160	20.168	ug/l	99
40) Benzene	8.252	78	50725	20.898	ug/l	100

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Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 10 23:38:44 2023
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	3548	15.791	ug/l	96
42) 1,2-Dichloroethane	8.328	62	14305	20.357	ug/l	98
43) Isopropyl Acetate	8.363	43	14601	20.288	ug/l #	80
44) Trichloroethene	9.028	130	13687	20.457	ug/l	90
45) 1,2-Dichloropropane	9.304	63	13071	21.204	ug/l	98
46) Dibromomethane	9.393	93	7145	20.916	ug/l	94
47) Bromodichloromethane	9.587	83	17558	20.652	ug/l #	98
48) Methyl methacrylate	9.381	41	7399	21.648	ug/l	88
49) 1,4-Dioxane	9.387	88	1275	402.531	ug/l #	87
51) 4-Methyl-2-Pentanone	10.157	43	38051	104.581	ug/l	92
52) Toluene	10.334	92	32161	21.037	ug/l	99
53) t-1,3-Dichloropropene	10.557	75	14859	20.177	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	17805	20.222	ug/l	91
55) 1,1,2-Trichloroethane	10.734	97	9238	21.185	ug/l	97
56) Ethyl methacrylate	10.599	69	10612	20.933	ug/l	96
57) 1,3-Dichloropropane	10.881	76	15766	21.223	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.875	63	15606	115.383	ug/l	98
59) 2-Hexanone	10.922	43	26604	100.084	ug/l	93
60) Dibromochloromethane	11.075	129	11187	20.706	ug/l	97
61) 1,2-Dibromoethane	11.181	107	8816	20.967	ug/l	98
64) Tetrachloroethene	10.810	164	11239	20.498	ug/l	94
65) Chlorobenzene	11.610	112	33595	20.925	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.687	131	11763	20.124	ug/l	100
67) Ethyl Benzene	11.687	91	62172	20.976	ug/l	100
68) m/p-Xylenes	11.793	106	47070	41.748	ug/l	99
69) o-Xylene	12.122	106	21928	20.821	ug/l	98
70) Styrene	12.140	104	37200	20.852	ug/l	97
71) Bromoform	12.298	173	6538	20.824	ug/l #	98
73) Isopropylbenzene	12.422	105	57890	19.586	ug/l	98
74) N-amyl acetate	12.234	43	13029	19.617	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.675	83	10685	20.779	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	12840	30.984	ug/l #	100
77) Bromobenzene	12.704	156	13299	19.871	ug/l	95
78) n-propylbenzene	12.769	91	73348	19.944	ug/l	98
79) 2-Chlorotoluene	12.851	91	39864	19.761	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	49669	20.183	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.475	75	2470	20.631	ug/l	89
82) 4-Chlorotoluene	12.951	91	42388	20.143	ug/l	99
83) tert-Butylbenzene	13.169	119	41127	19.385	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	49396	20.096	ug/l	99
85) sec-Butylbenzene	13.345	105	66044	20.292	ug/l	98
86) p-Isopropyltoluene	13.463	119	53985	20.276	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	26827	19.831	ug/l	93
88) 1,4-Dichlorobenzene	13.540	146	28312	20.916	ug/l	99
89) n-Butylbenzene	13.792	91	51359	19.759	ug/l	98
90) Hexachloroethane	14.051	117	10779	20.535	ug/l	95
91) 1,2-Dichlorobenzene	13.834	146	24826	21.151	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	1536	19.259	ug/l	98
93) 1,2,4-Trichlorobenzene	15.098	180	14782	20.108	ug/l	99
94) Hexachlorobutadiene	15.204	225	7709	19.877	ug/l	95
95) Naphthalene	15.334	128	26820	19.602	ug/l	98
96) 1,2,3-Trichlorobenzene	15.528	180	12289	19.375	ug/l	96

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ALS Vial : 6 Sample Multiplier: 1

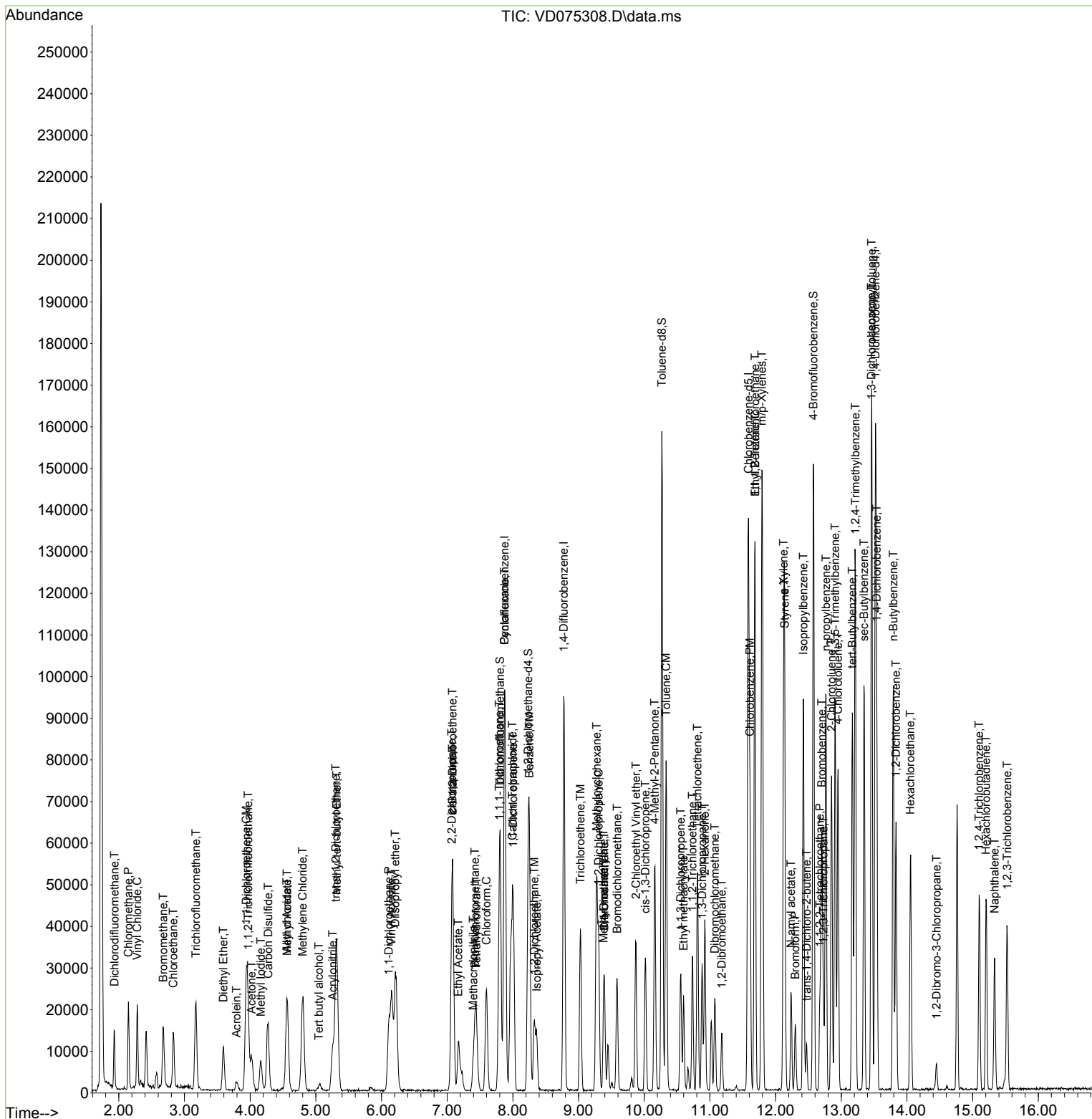
Instrument :
MSVOA_D
ClientSampleId :

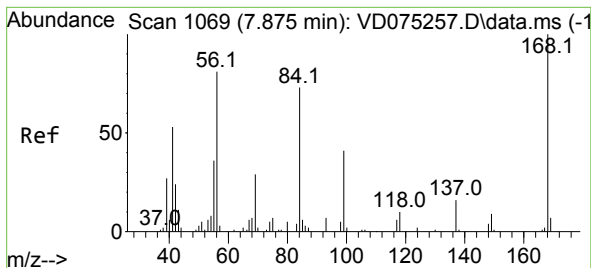
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Quant Title : SW846 8260
QLast Update : Wed Feb 08 04:26:58 2023
Response via : Initial Calibration

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

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD075308.D

Acq: 10 Feb 2023 14:10

Instrument :

MSVOA_D

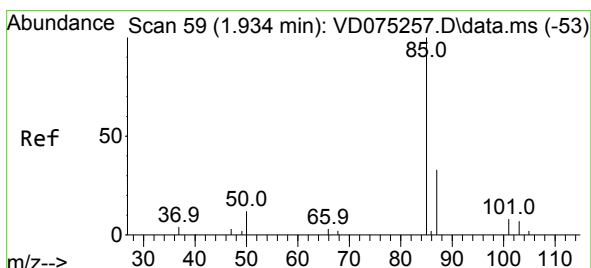
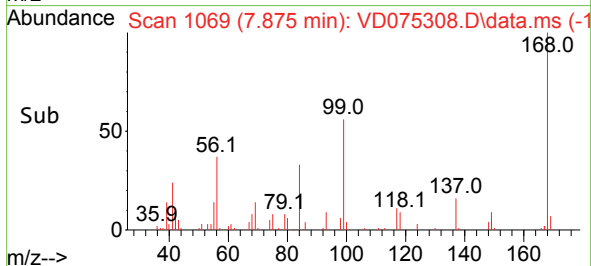
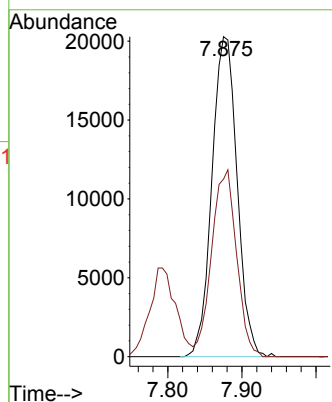
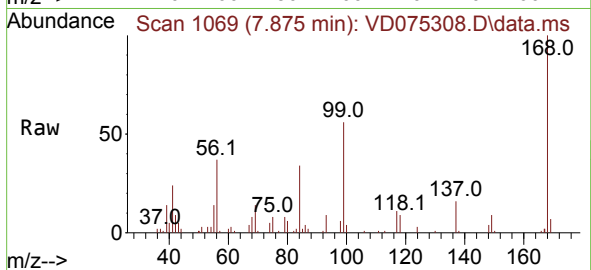
ClientSampleId :

Tgt Ion:168 Resp: 47862

Ion Ratio Lower Upper

168 100

99 55.5 45.2 67.8



#2

Dichlorodifluoromethane

Concen: 24.042 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD075308.D

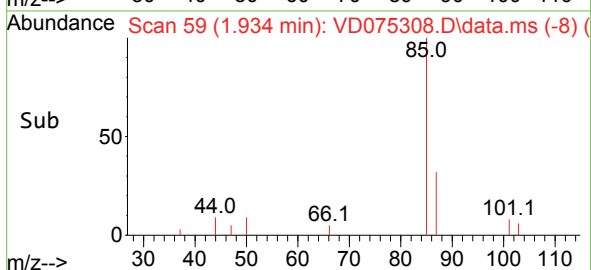
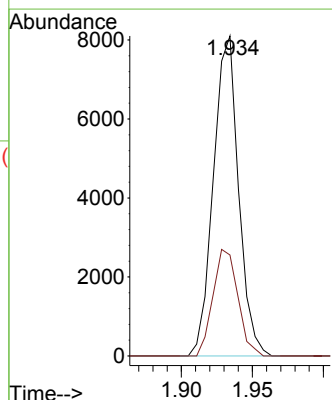
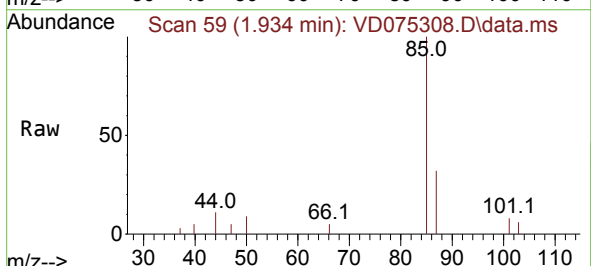
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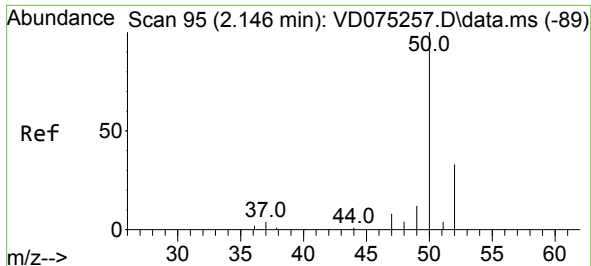
Tgt Ion: 85 Resp: 9980

Ion Ratio Lower Upper

85 100

87 31.5 15.7 47.0

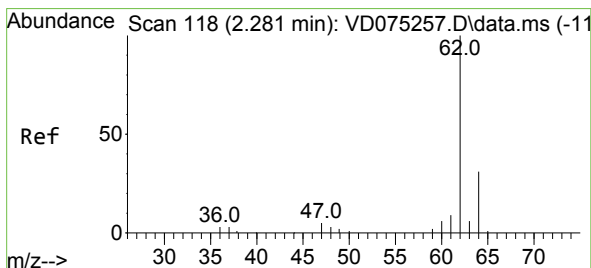
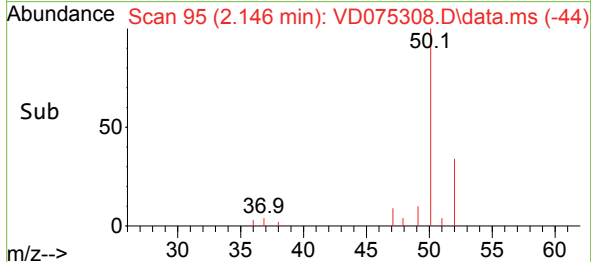
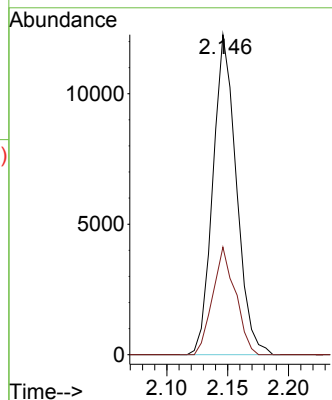
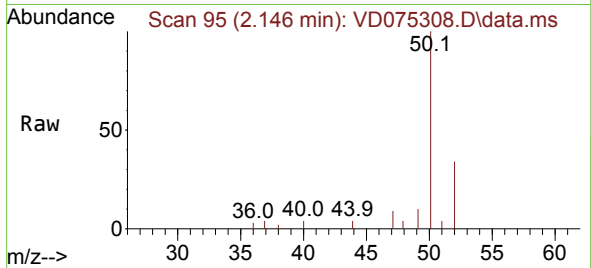




#3
Chloromethane
Concen: 21.658 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD075308.D
Acq: 10 Feb 2023 14:10

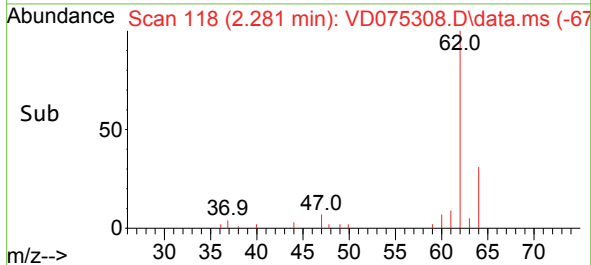
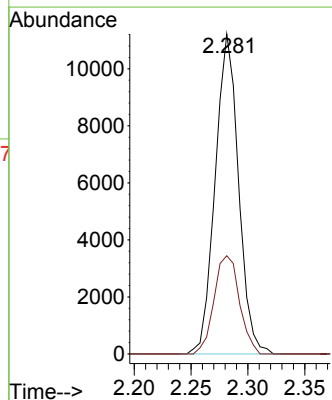
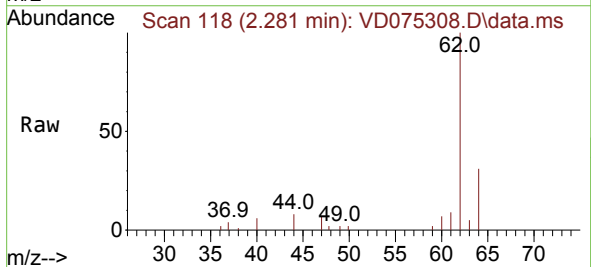
Instrument :
MSVOA_D
ClientSampleId :

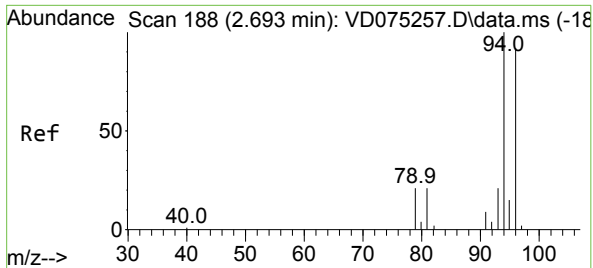
Tgt Ion: 50 Resp: 16461
Ion Ratio Lower Upper
50 100
52 33.6 27.0 40.6



#4
Vinyl Chloride
Concen: 20.124 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD075308.D
Acq: 10 Feb 2023 14:10

Tgt Ion: 62 Resp: 16024
Ion Ratio Lower Upper
62 100
64 30.7 24.8 37.2

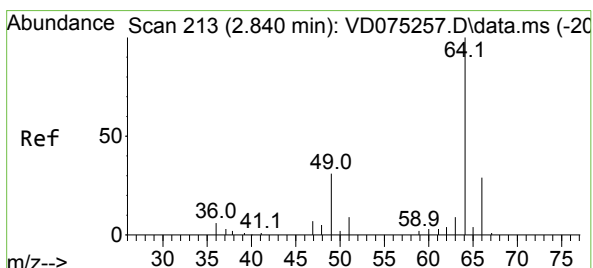
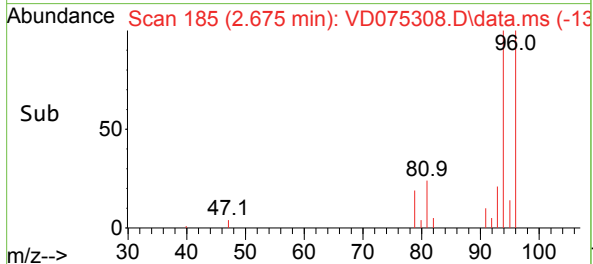
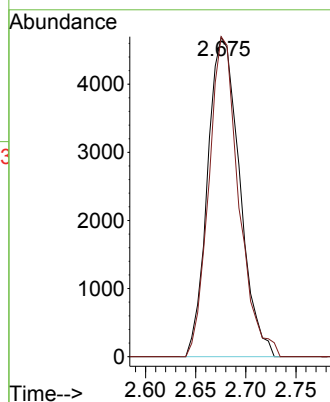
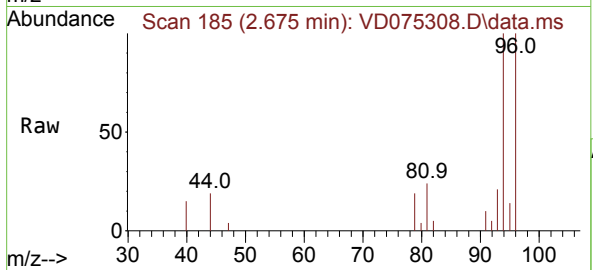




#5
Bromomethane
Concen: 20.472 ug/l
RT: 2.675 min Scan# 11
Delta R.T. -0.018 min
Lab File: VD075308.D
Acq: 10 Feb 2023 14:10

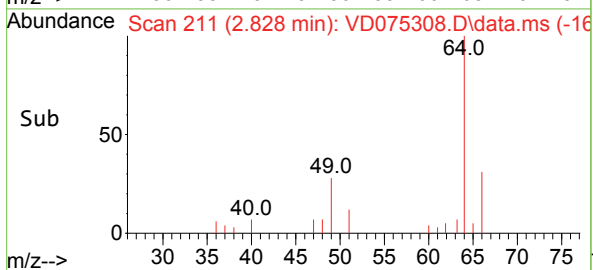
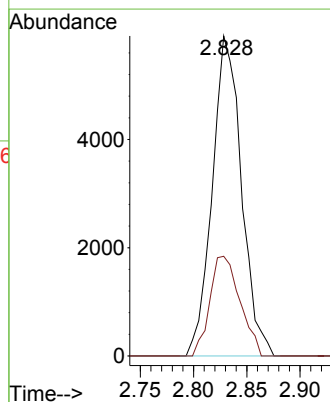
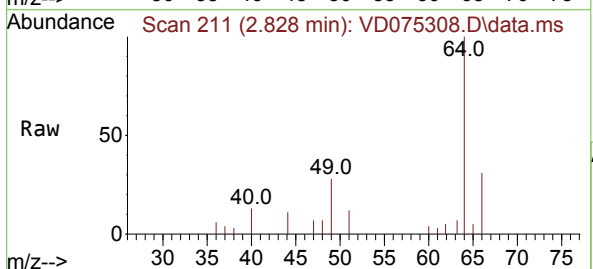
Instrument :
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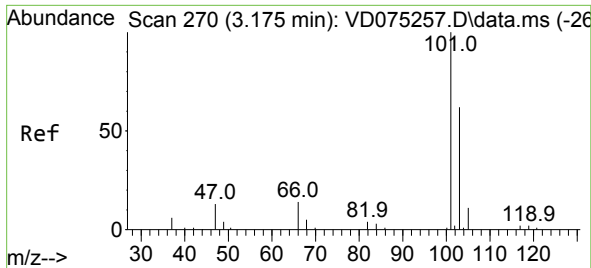
Tgt Ion: 94 Resp: 10430
Ion Ratio Lower Upper
94 100
96 93.4 74.8 112.2



#6
Chloroethane
Concen: 20.509 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.012 min
Lab File: VD075308.D
Acq: 10 Feb 2023 14:10

Tgt Ion: 64 Resp: 11266
Ion Ratio Lower Upper
64 100
66 31.2 25.4 38.2

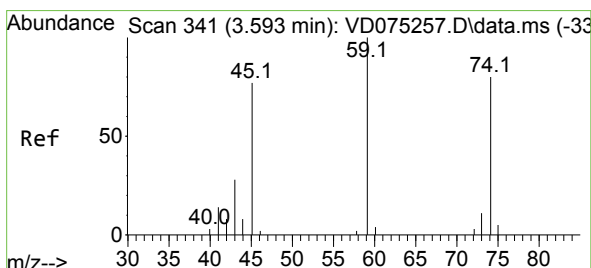
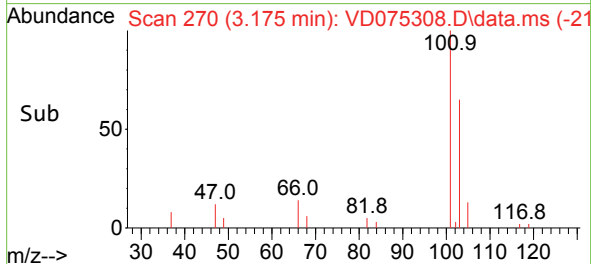
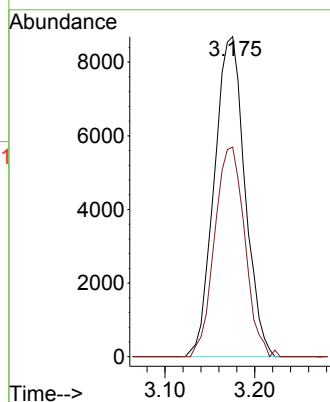
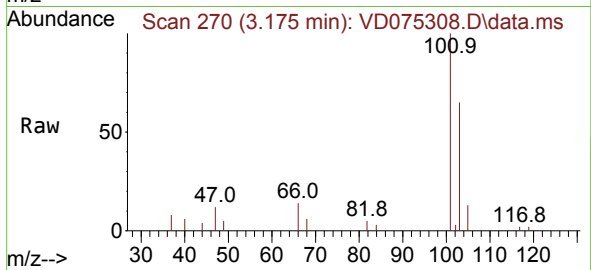




#7
 Trichlorofluoromethane
 Concen: 20.813 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD075308.D
 Acq: 10 Feb 2023 14:10

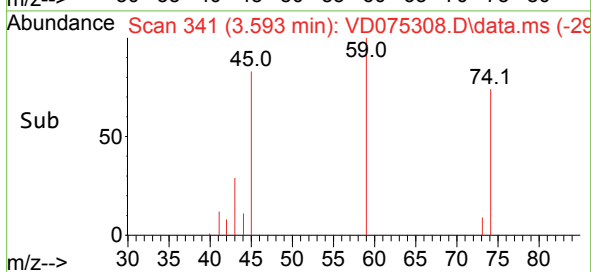
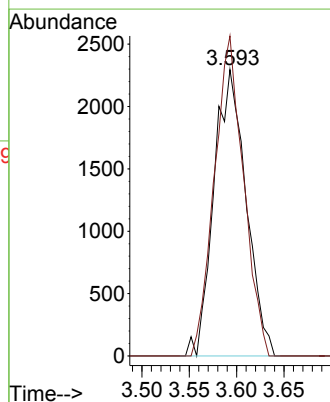
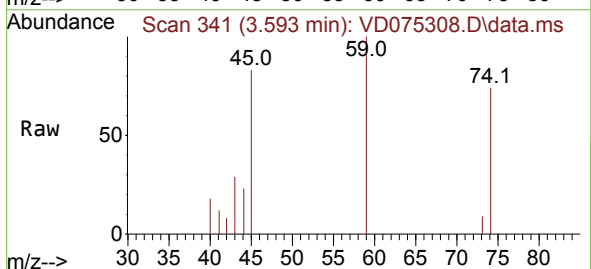
Instrument :
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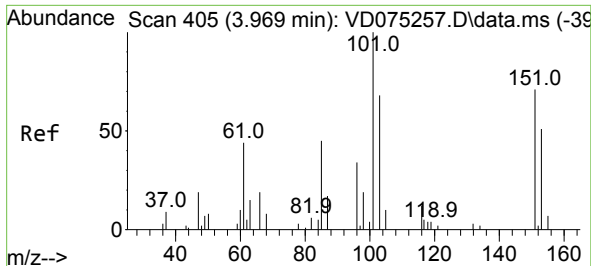
Tgt Ion:101 Resp: 20606
 Ion Ratio Lower Upper
 101 100
 103 65.5 52.2 78.4



#8
 Diethyl Ether
 Concen: 20.376 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VD075308.D
 Acq: 10 Feb 2023 14:10

Tgt Ion: 74 Resp: 5423
 Ion Ratio Lower Upper
 74 100
 45 101.4 49.8 149.3

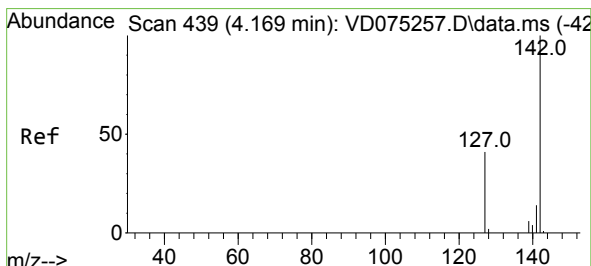
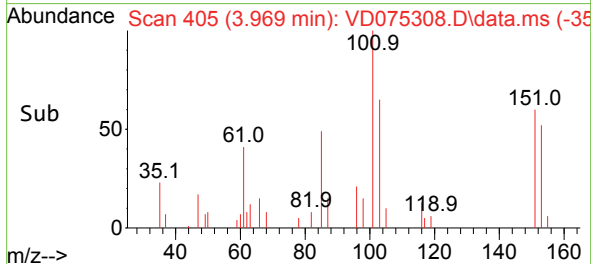
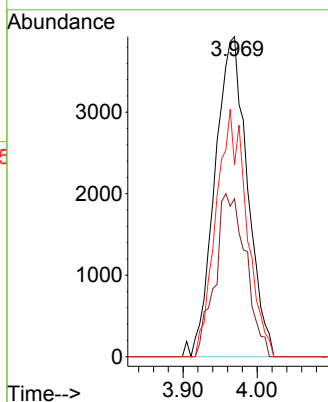
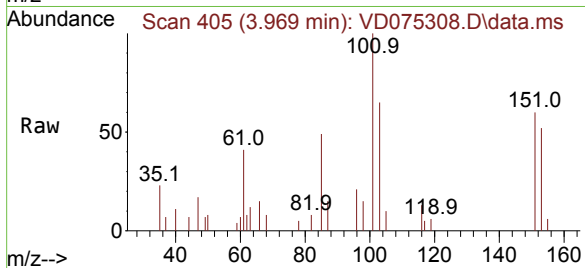




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.259 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD075308.D
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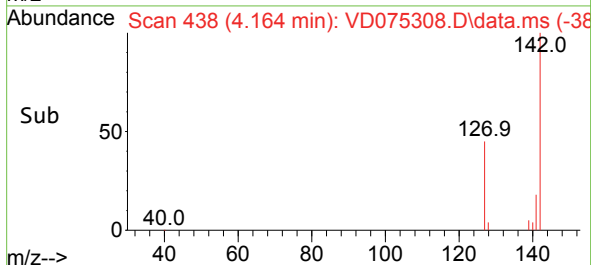
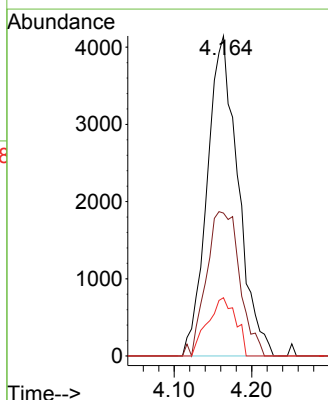
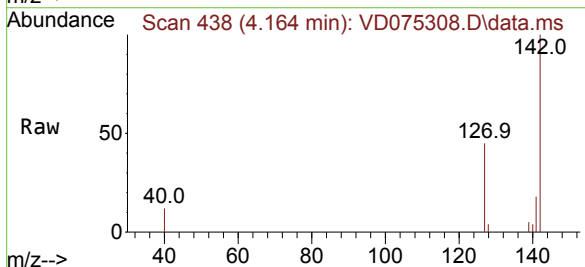
Instrument :
MSVOA_D
ClientSampleId :

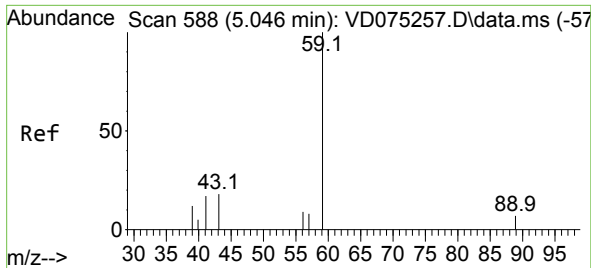
Tgt Ion:101 Resp: 11944
Ion Ratio Lower Upper
101 100
85 48.4 36.9 55.3
151 72.8 58.9 88.3



#10
Methyl Iodide
Concen: 18.550 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.005 min
Lab File: VD075308.D
Acq: 10 Feb 2023 14:10

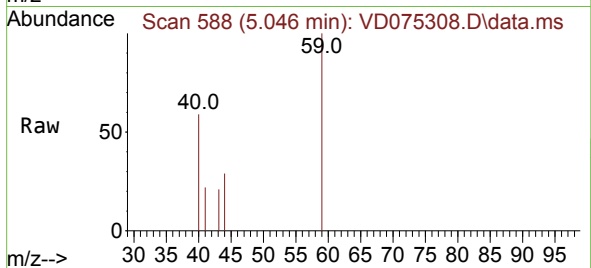
Tgt Ion:142 Resp: 11476
Ion Ratio Lower Upper
142 100
127 48.7 33.6 50.4
141 16.6 11.1 16.7



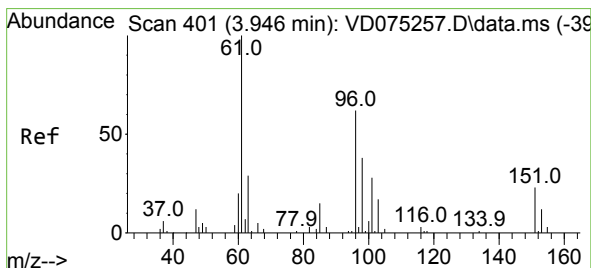
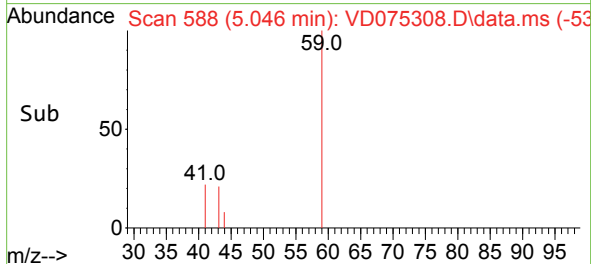
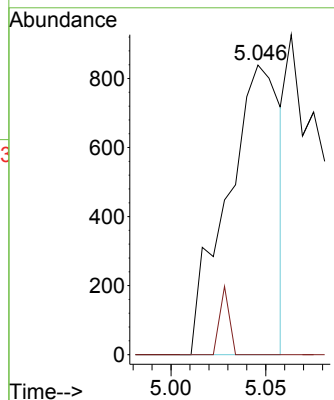


#11
Tert butyl alcohol
Concen: 41.519 ug/l
RT: 5.046 min Scan# 51
Delta R.T. -0.000 min
Lab File: VD075308.D
Acq: 10 Feb 2023 14:10

Instrument :
MSVOA_D
ClientSampleId :

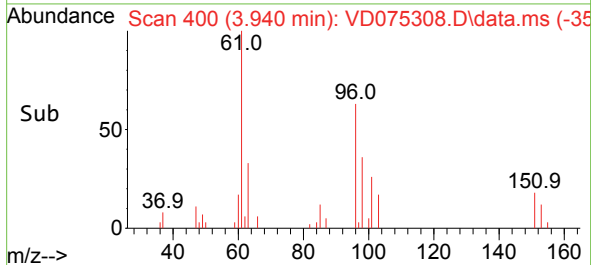
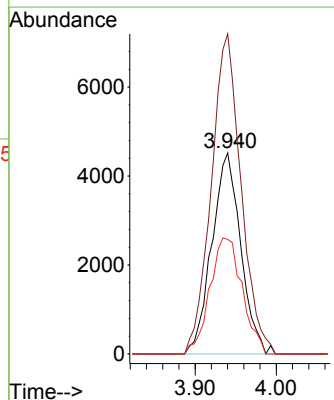
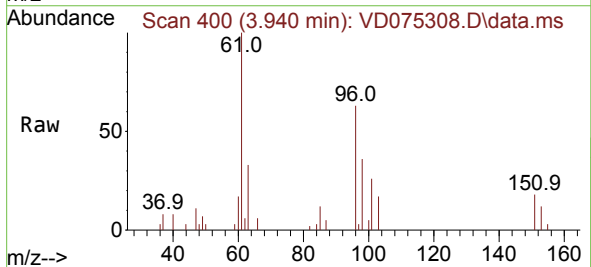


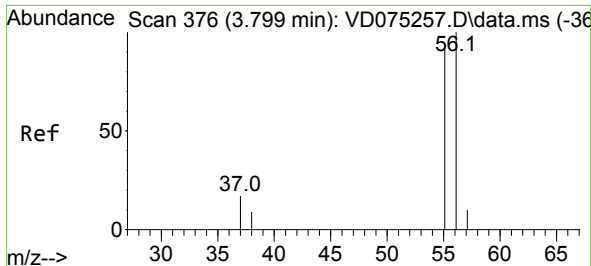
Tgt Ion: 59 Resp: 1637
Ion Ratio Lower Upper
59 100
57 0.0 2.9 4.3#



#12
1,1-Dichloroethene
Concen: 20.896 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.006 min
Lab File: VD075308.D
Acq: 10 Feb 2023 14:10

Tgt Ion: 96 Resp: 11194
Ion Ratio Lower Upper
96 100
61 159.2 126.8 190.2
98 57.0 50.4 75.6





#13

Acrolein

Concen: 145.113 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD075308.D

Acq: 10 Feb 2023 14:10

Instrument :

MSVOA_D

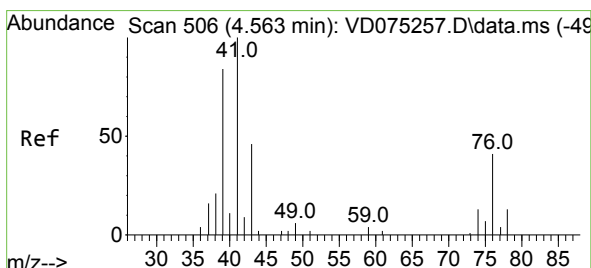
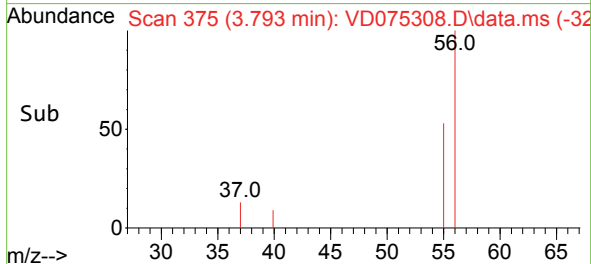
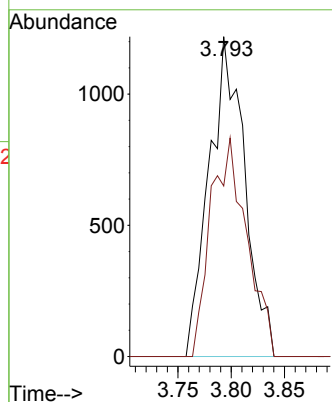
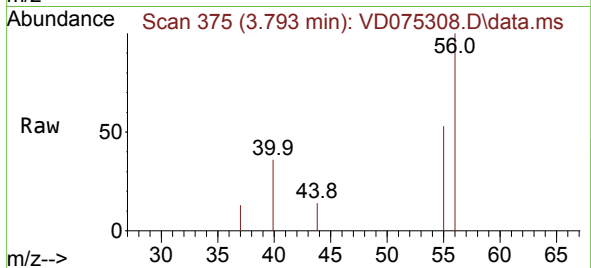
ClientSampleId :

Tgt Ion: 56 Resp: 2816

Ion Ratio Lower Upper

56 100

55 69.7 53.0 79.6



#14

Allyl chloride

Concen: 20.152 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.005 min

Lab File: VD075308.D

Acq: 10 Feb 2023 14:10

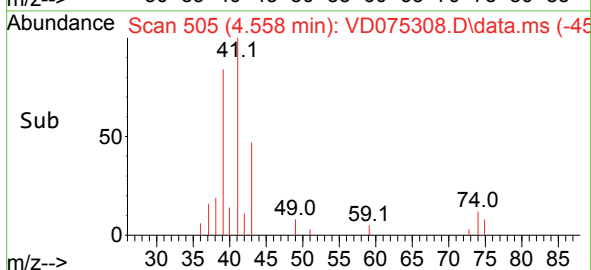
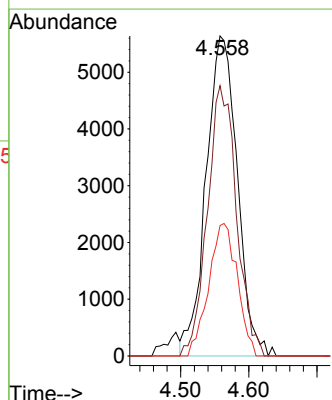
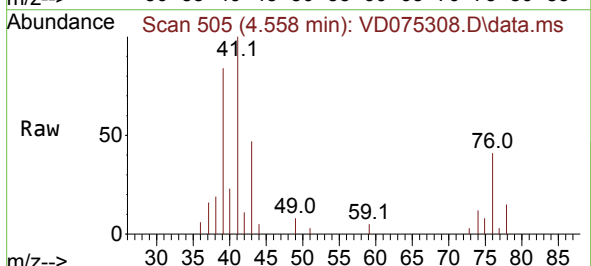
Tgt Ion: 41 Resp: 17961

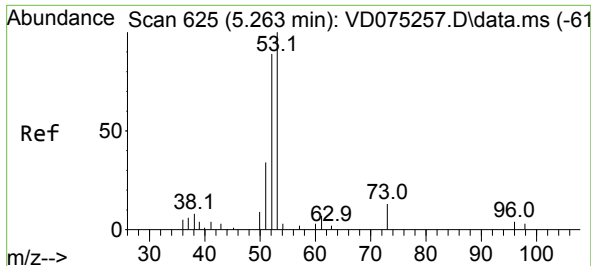
Ion Ratio Lower Upper

41 100

39 78.9 55.4 83.0

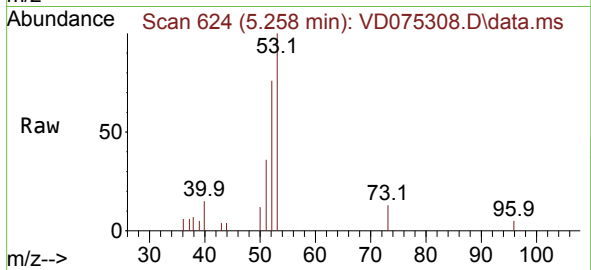
76 37.9 30.2 45.2



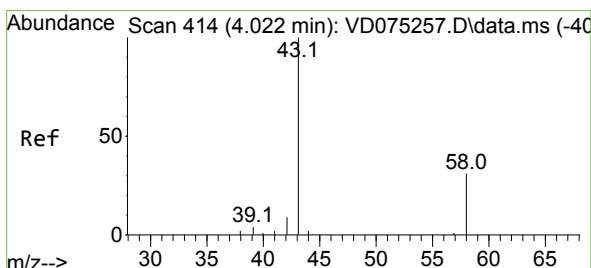
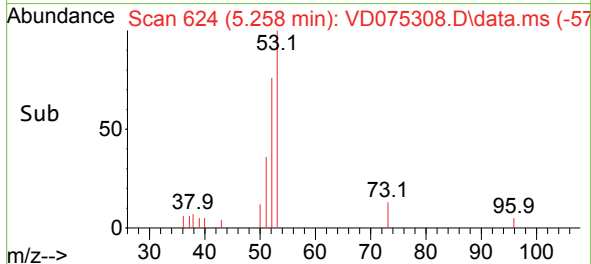
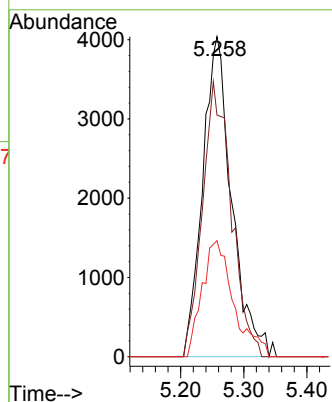


#15
Acrylonitrile
Concen: 99.642 ug/l
RT: 5.258 min Scan# 61
Delta R.T. -0.005 min
Lab File: VD075308.D
Acq: 10 Feb 2023 14:10

Instrument :
MSVOA_D
ClientSampleId :

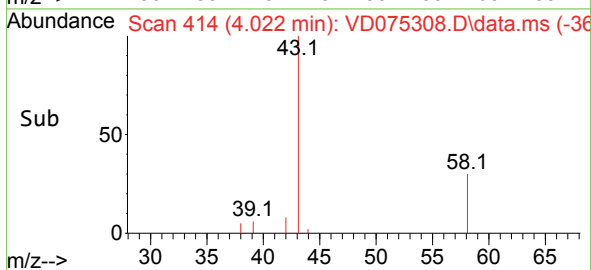
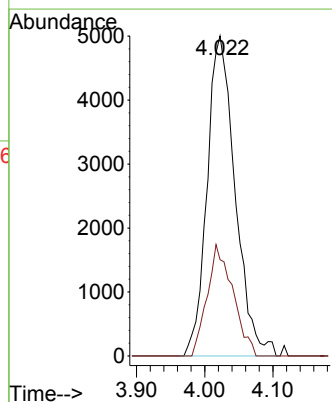
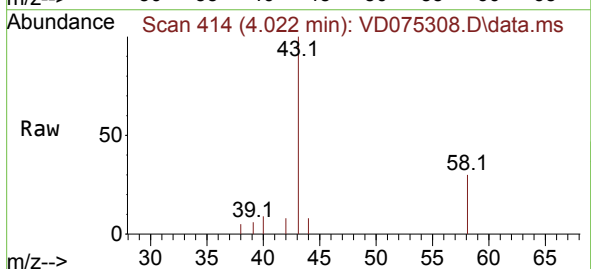


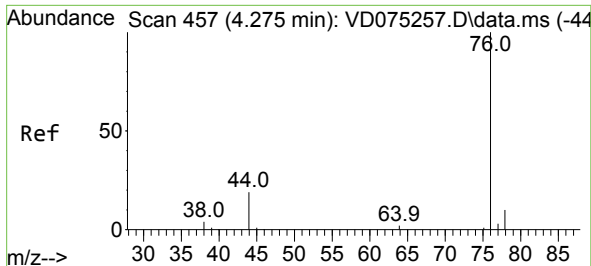
Tgt Ion	Ratio	Lower	Upper
53	100		
52	85.5	67.0	100.6
51	39.3	30.1	45.1



#16
Acetone
Concen: 96.645 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075308.D
Acq: 10 Feb 2023 14:10

Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.1	26.0	39.0

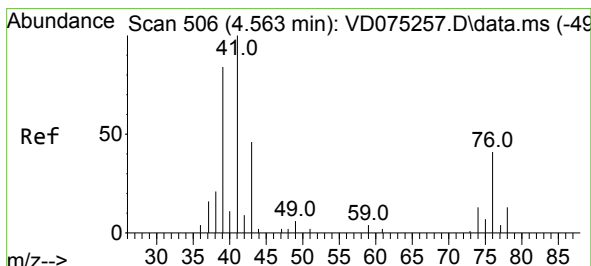
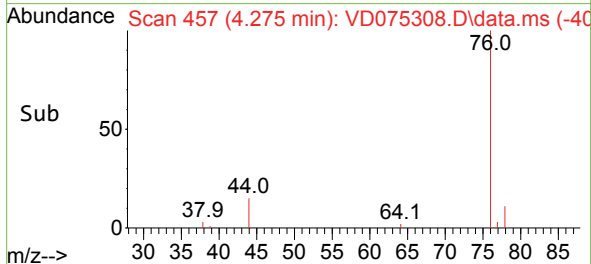
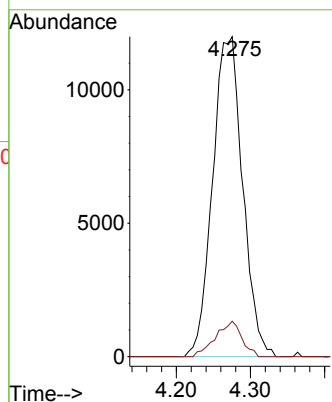
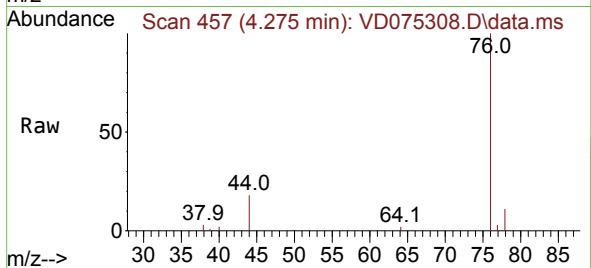




#17
Carbon Disulfide
Concen: 20.397 ug/l
RT: 4.275 min Scan# 457
Delta R.T. 0.000 min
Lab File: VD075308.D
Acq: 10 Feb 2023 14:10

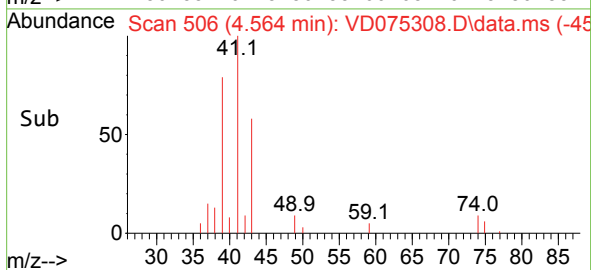
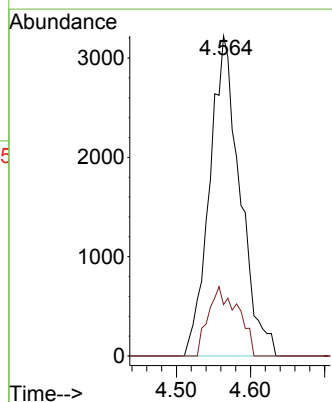
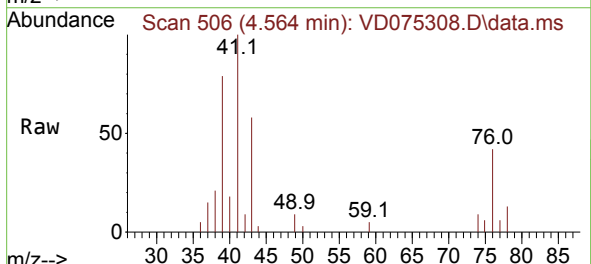
Instrument :
MSVOA_D
ClientSampleId :

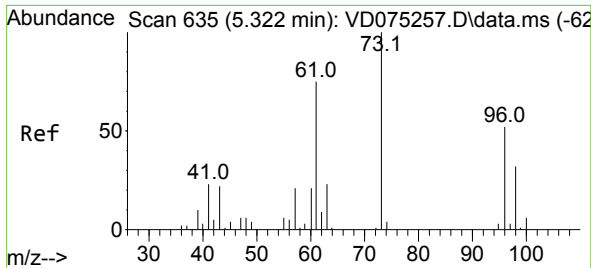
Tgt Ion: 76 Resp: 33709
Ion Ratio Lower Upper
76 100
78 11.1 7.4 11.0#



#18
Methyl Acetate
Concen: 21.667 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.001 min
Lab File: VD075308.D
Acq: 10 Feb 2023 14:10

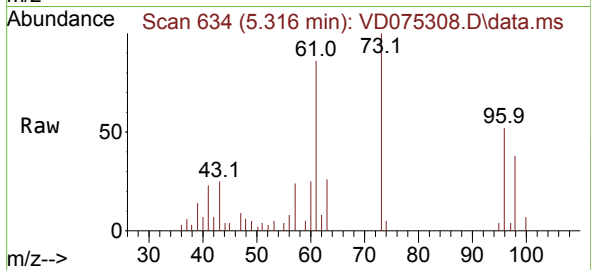
Tgt Ion: 43 Resp: 9187
Ion Ratio Lower Upper
43 100
74 21.0 18.5 27.7



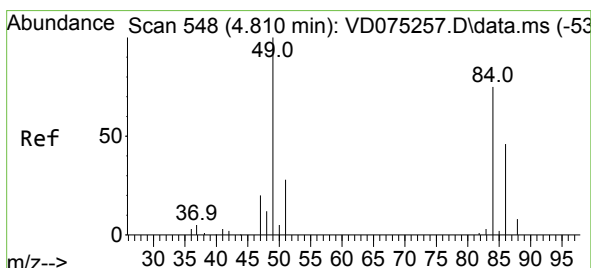
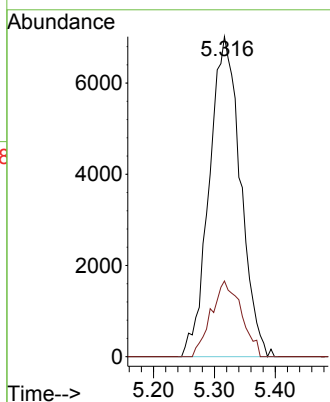
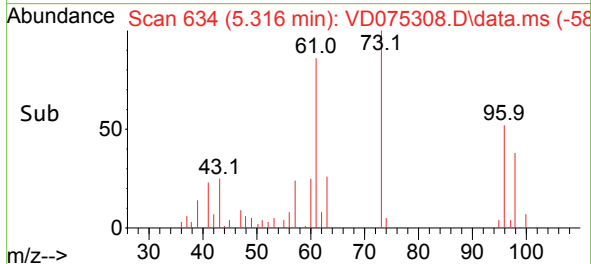


#19
Methyl tert-butyl Ether
Concen: 20.317 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD075308.D
Acq: 10 Feb 2023 14:10

Instrument :
MSVOA_D
ClientSampleId :

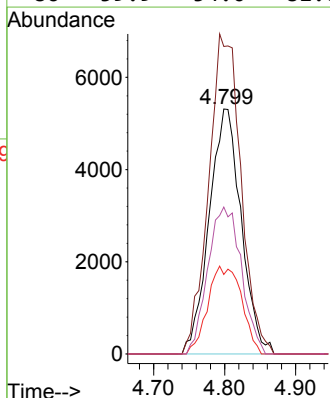
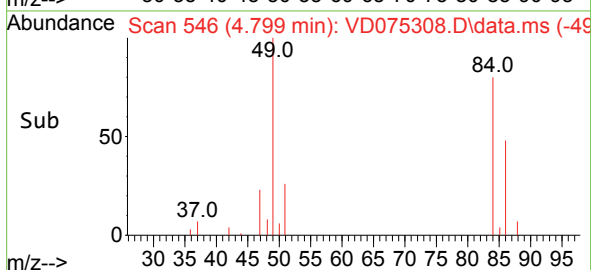
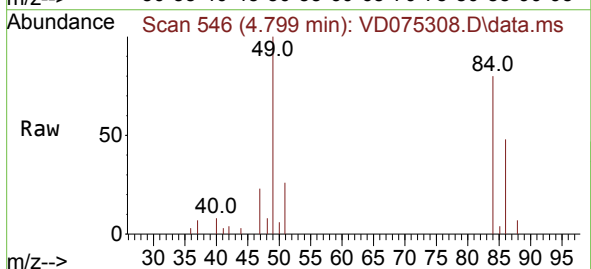


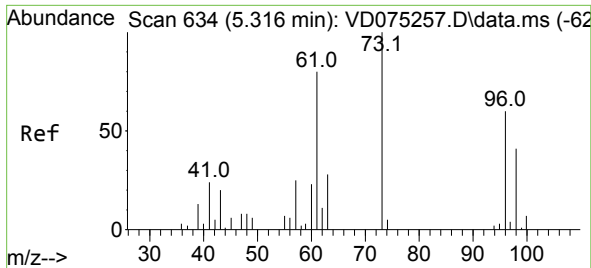
Tgt Ion: 73 Resp: 24987
Ion Ratio Lower Upper
73 100
57 23.6 18.5 27.7



#20
Methylene Chloride
Concen: 23.374 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.011 min
Lab File: VD075308.D
Acq: 10 Feb 2023 14:10

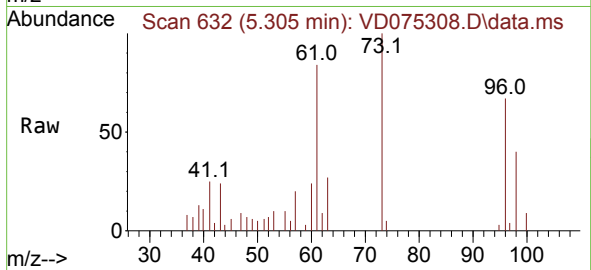
Tgt Ion: 84 Resp: 16623
Ion Ratio Lower Upper
84 100
49 125.5 97.0 145.6
51 32.4 30.9 46.3
86 59.9 54.0 81.0



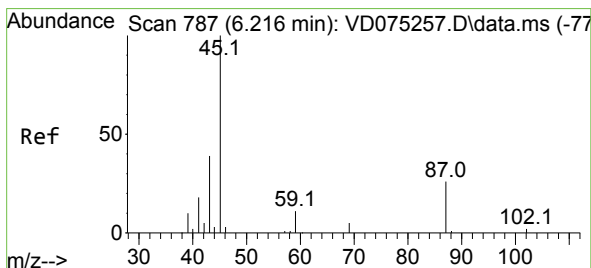
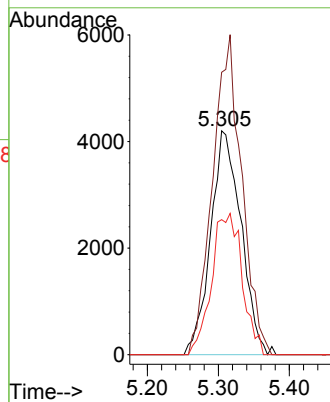
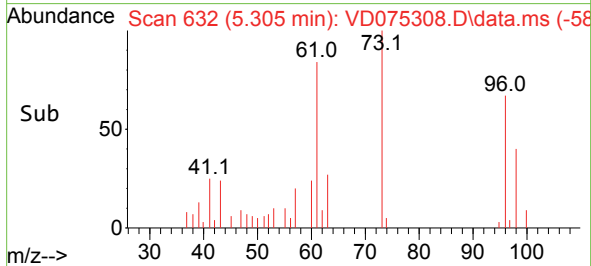


#21
trans-1,2-Dichloroethene
Concen: 20.622 ug/l
RT: 5.305 min Scan# 61
Delta R.T. -0.011 min
Lab File: VD075308.D
Acq: 10 Feb 2023 14:10

Instrument :
MSVOA_D
ClientSampleId :

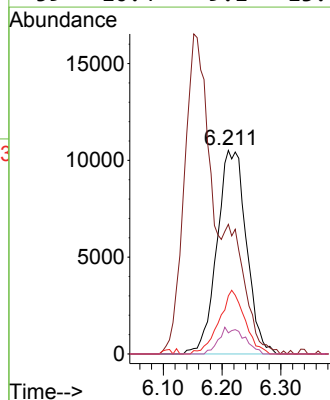
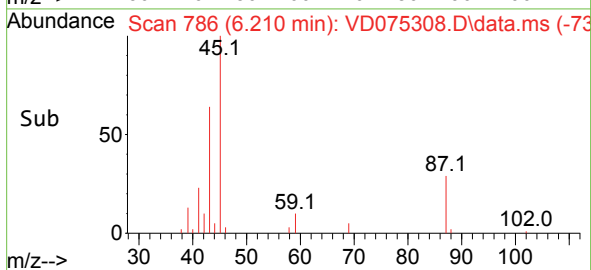
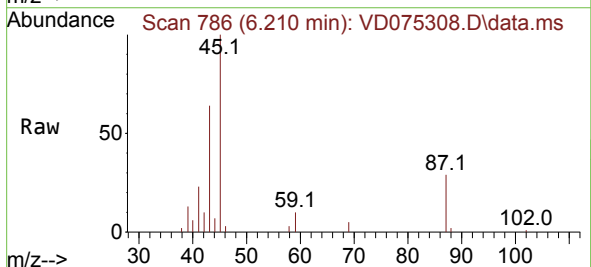


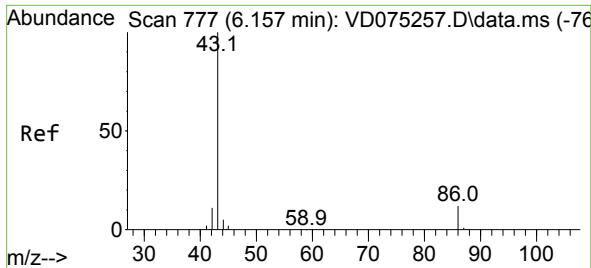
Tgt Ion: 96 Resp: 12501
Ion Ratio Lower Upper
96 100
61 126.2 105.7 158.5
98 60.3 50.4 75.6



#22
Diisopropyl ether
Concen: 20.557 ug/l
RT: 6.210 min Scan# 786
Delta R.T. -0.006 min
Lab File: VD075308.D
Acq: 10 Feb 2023 14:10

Tgt Ion: 45 Resp: 36444
Ion Ratio Lower Upper
45 100
43 63.7 45.3 67.9
87 28.6 22.1 33.1
59 10.4 9.1 13.7

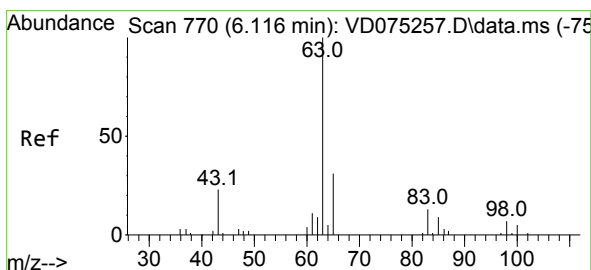
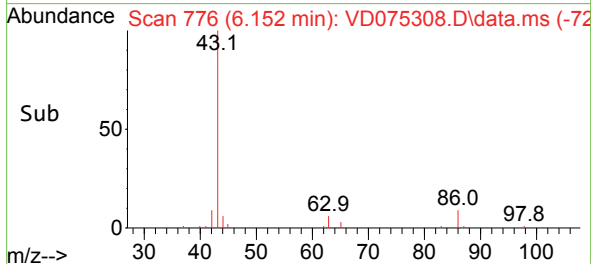
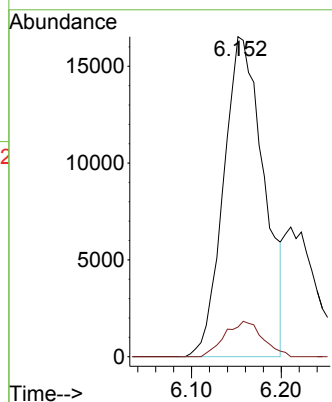
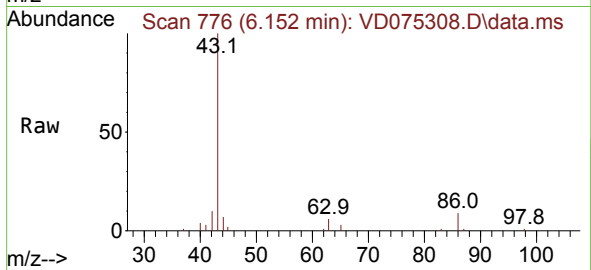




#23
 Vinyl Acetate
 Concen: 97.558 ug/l
 RT: 6.152 min Scan# 777
 Delta R.T. -0.005 min
 Lab File: VD075308.D
 Acq: 10 Feb 2023 14:10

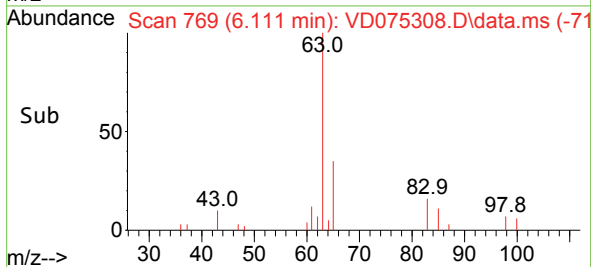
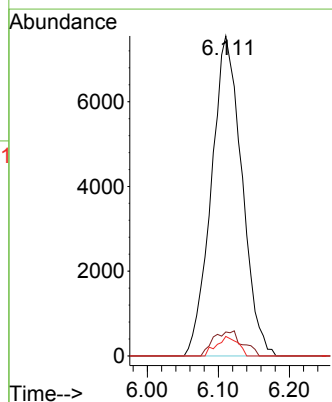
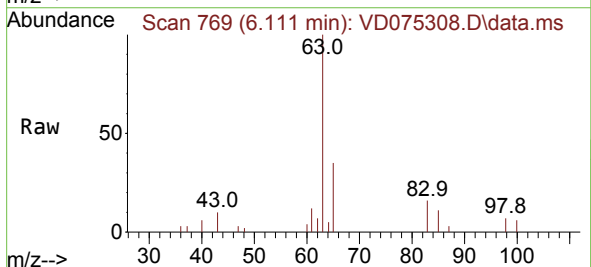
Instrument :
 MSVOA_D
 ClientSampleId :

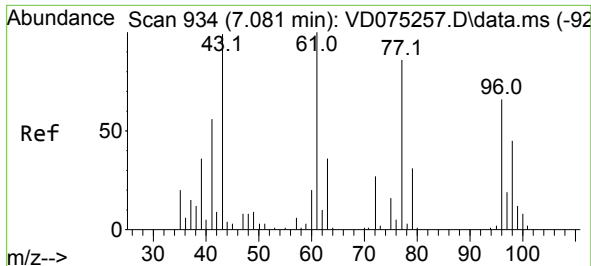
Tgt Ion: 43 Resp: 51449
 Ion Ratio Lower Upper
 43 100
 86 9.2 9.3 13.9#



#24
 1,1-Dichloroethane
 Concen: 20.385 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. -0.005 min
 Lab File: VD075308.D
 Acq: 10 Feb 2023 14:10

Tgt Ion: 63 Resp: 22531
 Ion Ratio Lower Upper
 63 100
 98 7.5 4.0 12.2
 100 6.1 2.5 7.4

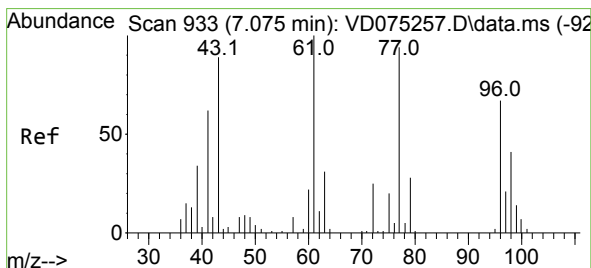
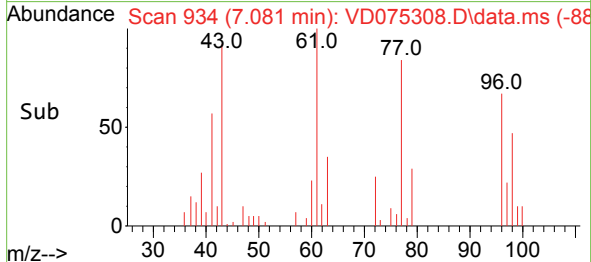
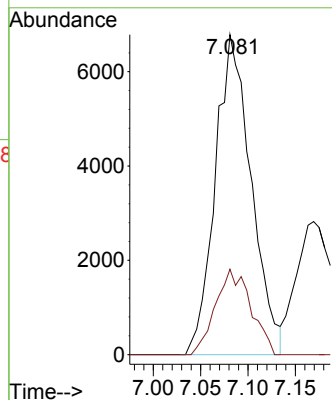
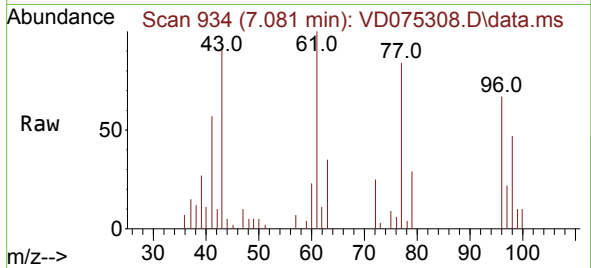




#25
2-Butanone
Concen: 97.473 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075308.D
Acq: 10 Feb 2023 14:10

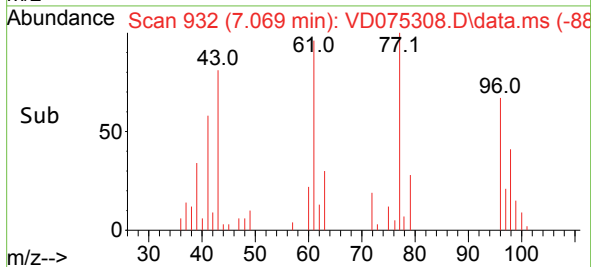
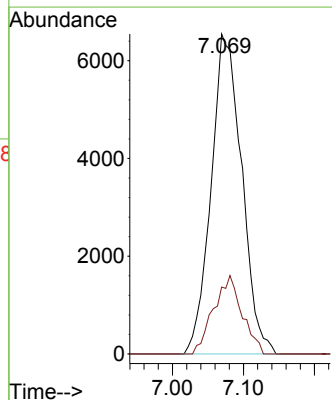
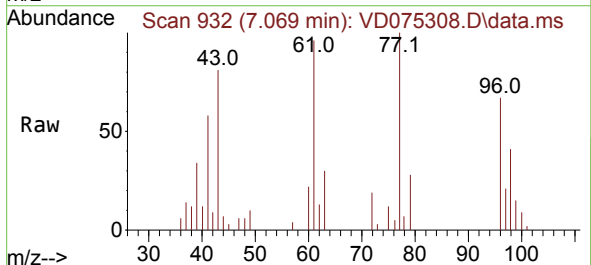
Instrument :
MSVOA_D
ClientSampleId :

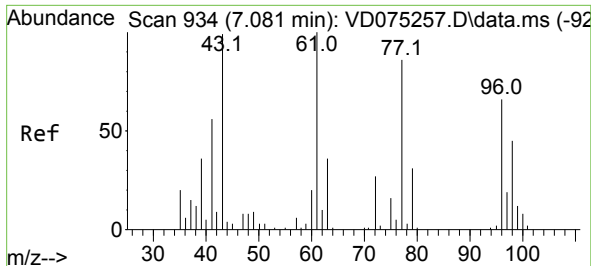
Tgt Ion: 43 Resp: 17923
Ion Ratio Lower Upper
43 100
72 26.7 19.8 29.8



#26
2,2-Dichloropropane
Concen: 20.031 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.006 min
Lab File: VD075308.D
Acq: 10 Feb 2023 14:10

Tgt Ion: 77 Resp: 19597
Ion Ratio Lower Upper
77 100
97 22.7 12.0 36.0

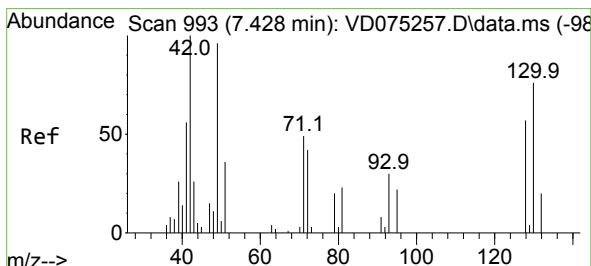
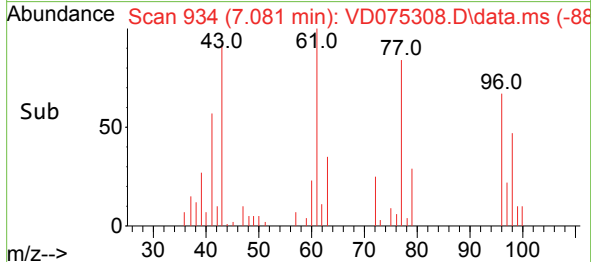
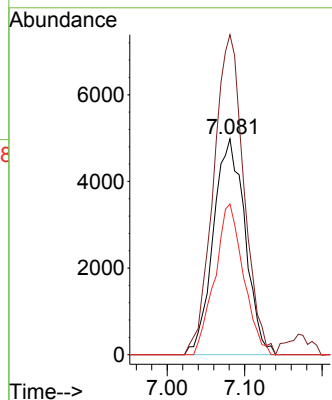
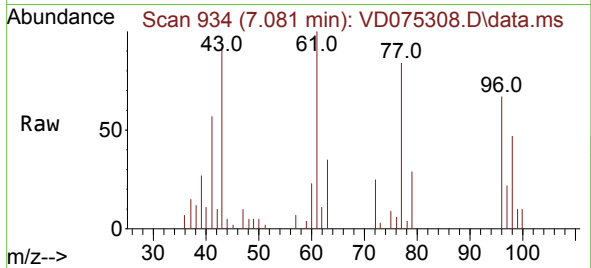




#27
 cis-1,2-Dichloroethene
 Concen: 20.894 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD075308.D
 Acq: 10 Feb 2023 14:10

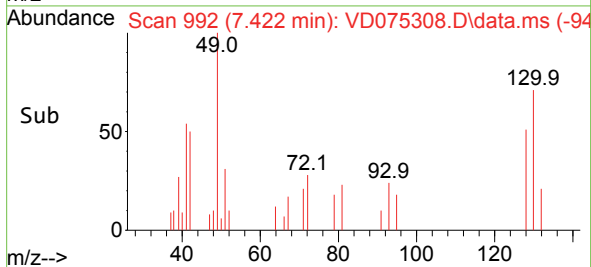
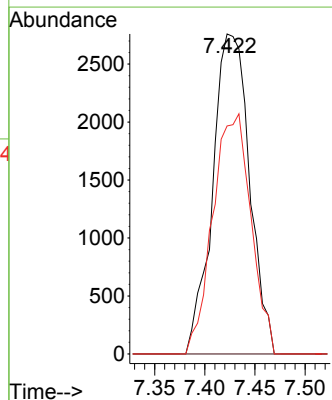
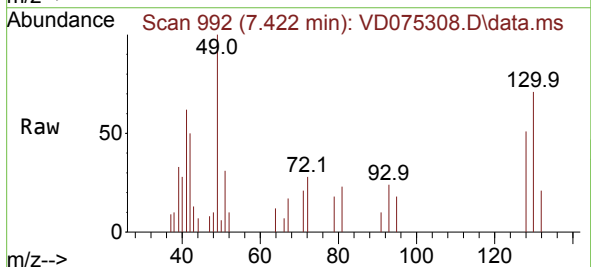
Instrument :
 MSVOA_D
 ClientSampleId :

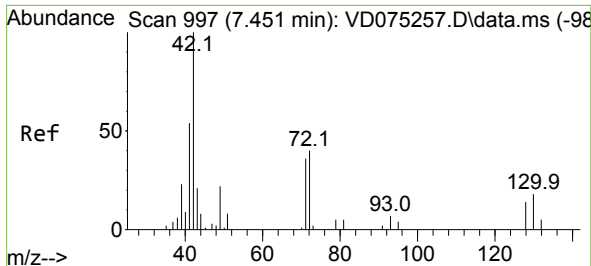
Tgt Ion: 96 Resp: 14170
 Ion Ratio Lower Upper
 96 100
 61 142.2 0.0 287.4
 98 63.1 0.0 129.8



#28
 Bromochloromethane
 Concen: 23.509 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD075308.D
 Acq: 10 Feb 2023 14:10

Tgt Ion: 49 Resp: 7063
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 2.6
 130 77.5 63.6 95.4





#29

Tetrahydrofuran

Concen: 106.478 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.005 min

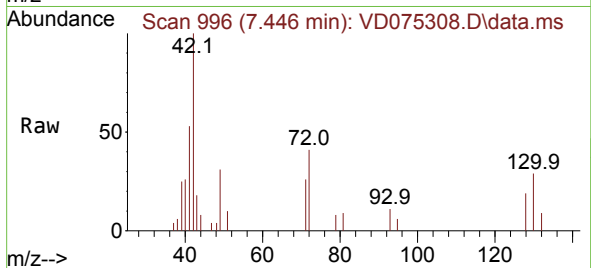
Lab File: VD075308.D

Acq: 10 Feb 2023 14:10

Instrument :

MSVOA_D

ClientSampleId :



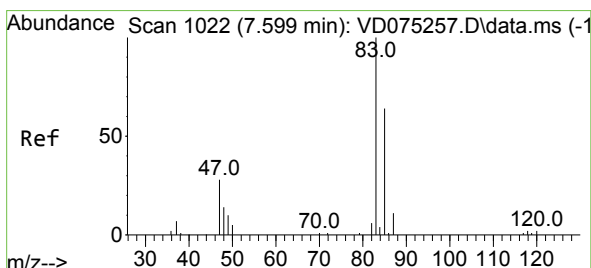
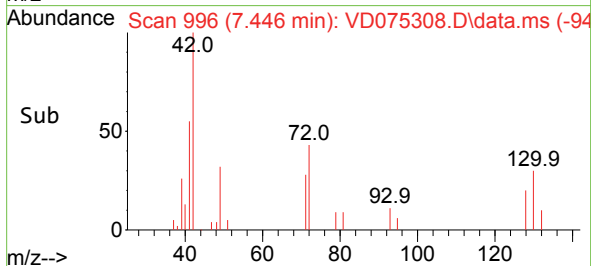
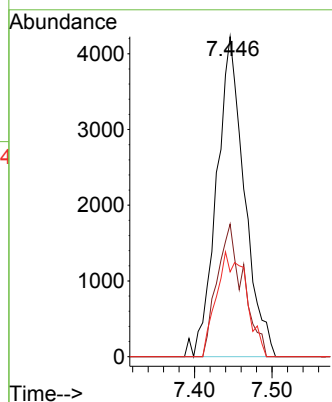
Tgt Ion: 42 Resp: 10543

Ion Ratio Lower Upper

42 100

72 39.1 33.8 50.8

71 35.0 31.6 47.4



#30

Chloroform

Concen: 21.066 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD075308.D

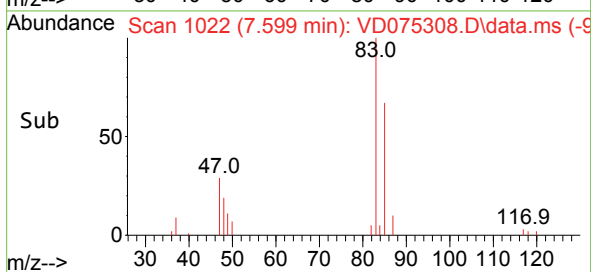
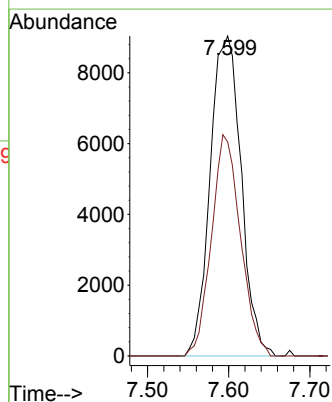
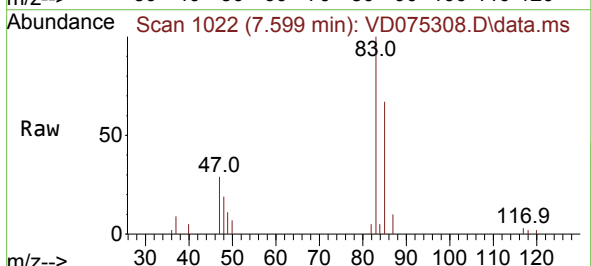
Acq: 10 Feb 2023 14:10

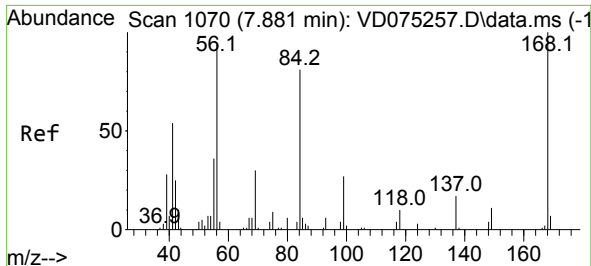
Tgt Ion: 83 Resp: 23965

Ion Ratio Lower Upper

83 100

85 66.8 48.5 72.7





#31

Cyclohexane

Concen: 19.737 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD075308.D

Acq: 10 Feb 2023 14:10

Instrument :

MSVOA_D

ClientSampleId :

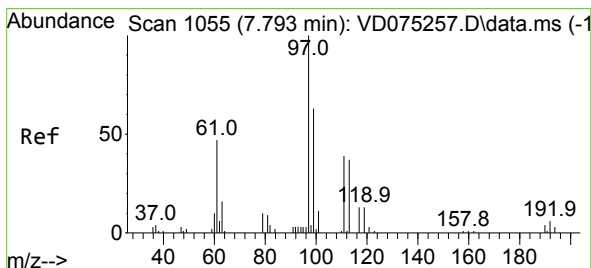
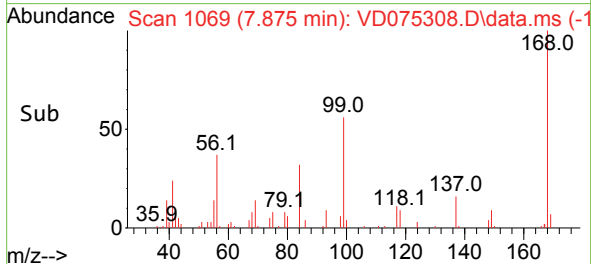
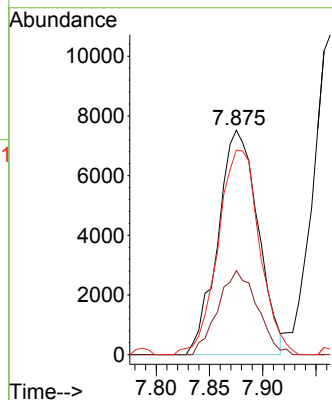
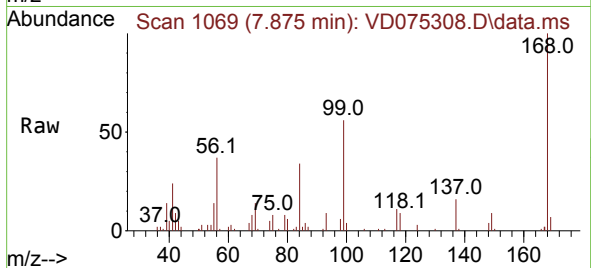
Tgt Ion: 56 Resp: 19669

Ion Ratio Lower Upper

56 100

69 37.4 26.6 40.0

84 88.8 74.1 111.1



#32

1,1,1-Trichloroethane

Concen: 20.541 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD075308.D

Acq: 10 Feb 2023 14:10

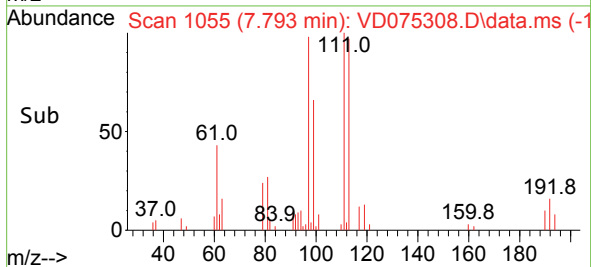
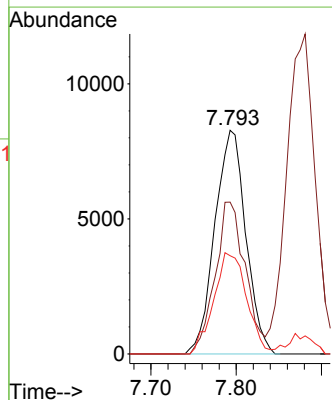
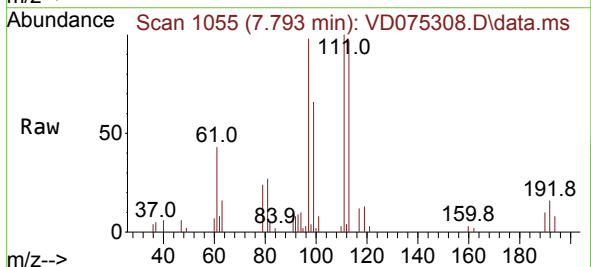
Tgt Ion: 97 Resp: 20902

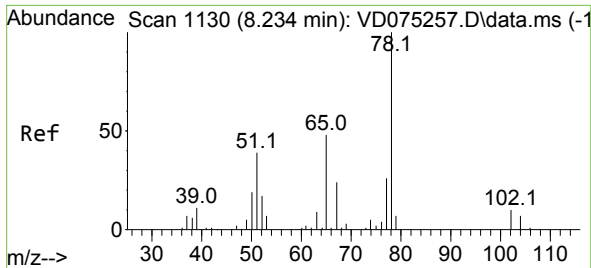
Ion Ratio Lower Upper

97 100

99 66.3 51.7 77.5

61 48.0 36.3 54.5

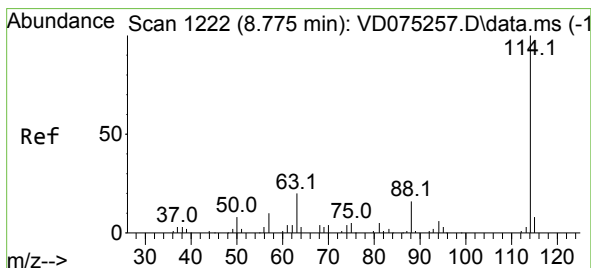
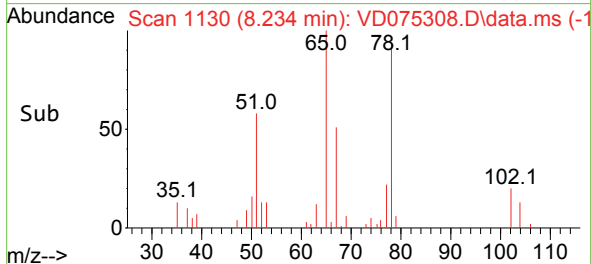
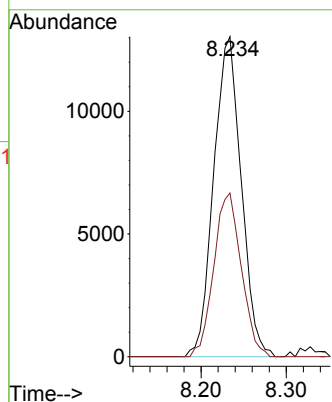
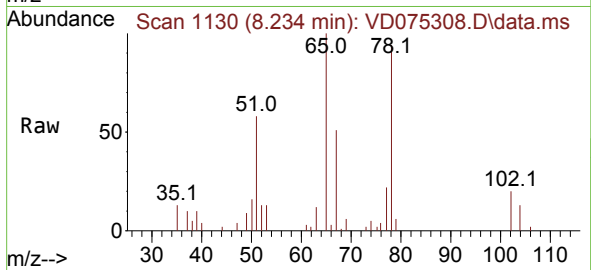




#33
 1,2-Dichloroethane-d4
 Concen: 52.168 ug/l
 RT: 8.234 min Scan# 1130
 Delta R.T. -0.000 min
 Lab File: VD075308.D
 Acq: 10 Feb 2023 14:10

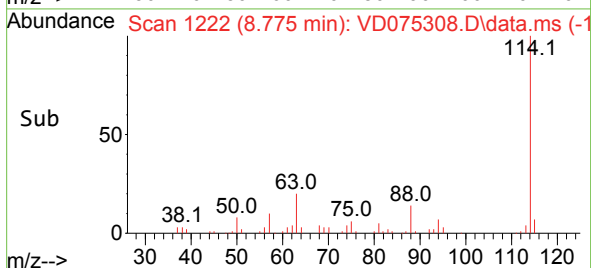
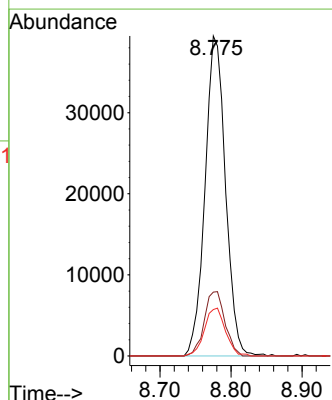
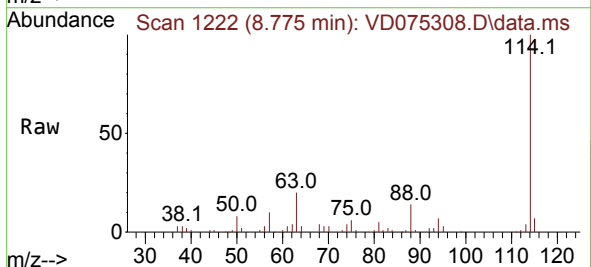
Instrument :
 MSVOA_D
 ClientSampleId :

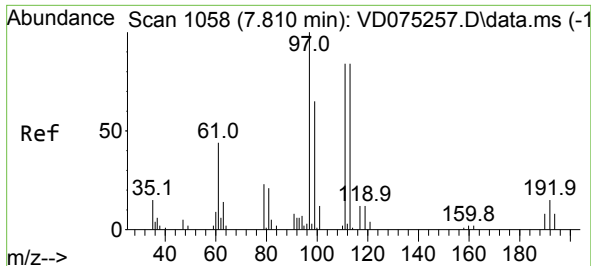
Tgt Ion: 65 Resp: 29278
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.775 min Scan# 1222
 Delta R.T. 0.000 min
 Lab File: VD075308.D
 Acq: 10 Feb 2023 14:10

Tgt Ion:114 Resp: 79064
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.2
 88 14.5 0.0 32.2





#35

Dibromofluoromethane

Concen: 52.306 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.005 min

Lab File: VD075308.D

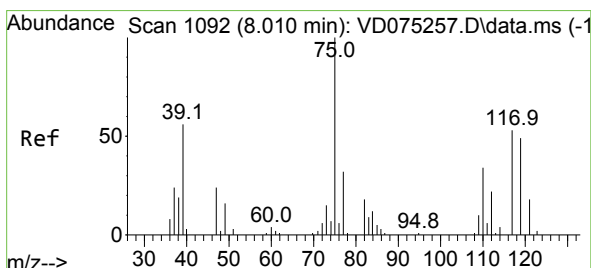
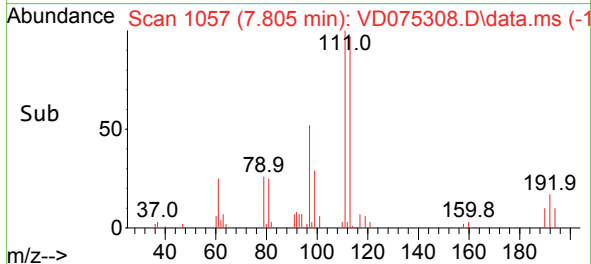
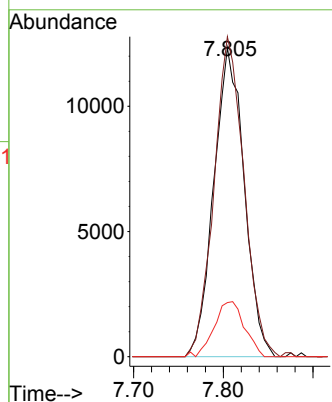
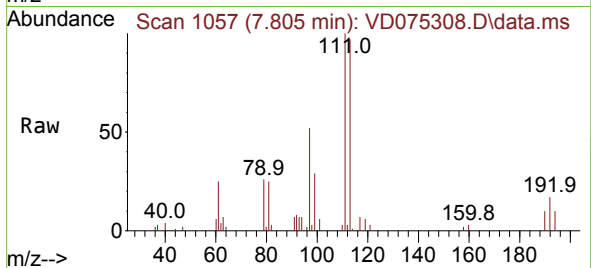
Acq: 10 Feb 2023 14:10

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	113	Resp:	28998
Ion	Ratio	Lower	Upper
113	100		
111	102.2	80.1	120.1
192	17.8	15.4	23.0



#36

1,1-Dichloropropene

Concen: 20.675 ug/l

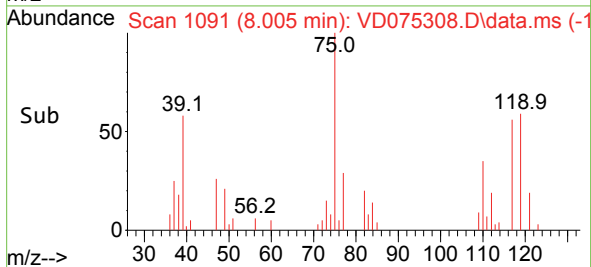
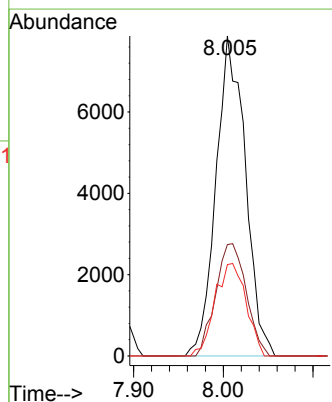
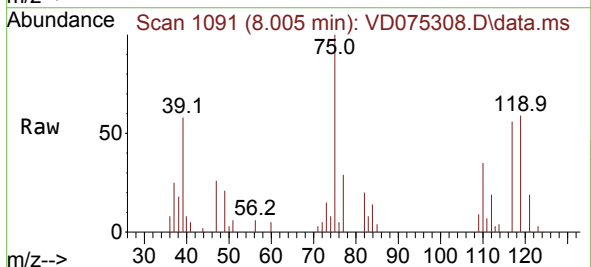
RT: 8.005 min Scan# 1091

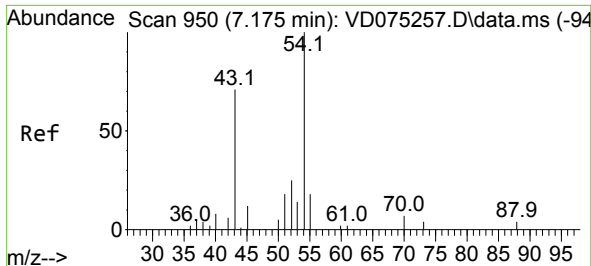
Delta R.T. -0.005 min

Lab File: VD075308.D

Acq: 10 Feb 2023 14:10

Tgt Ion:	75	Resp:	17855
Ion	Ratio	Lower	Upper
75	100		
110	36.6	18.1	54.4
77	30.7	25.1	37.7





#37

Ethyl Acetate

Concen: 21.006 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.006 min

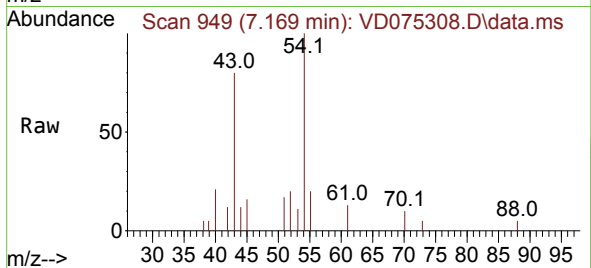
Lab File: VD075308.D

Acq: 10 Feb 2023 14:10

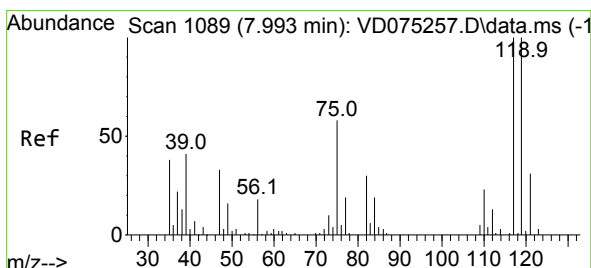
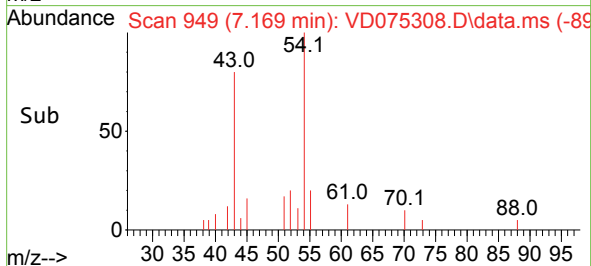
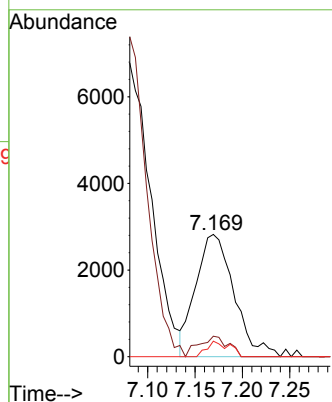
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43	Resp: 7912
Ion Ratio	Lower Upper
43	100
61	12.7 11.7 17.5
70	7.4 8.8 13.2#



#38

Carbon Tetrachloride

Concen: 20.731 ug/l

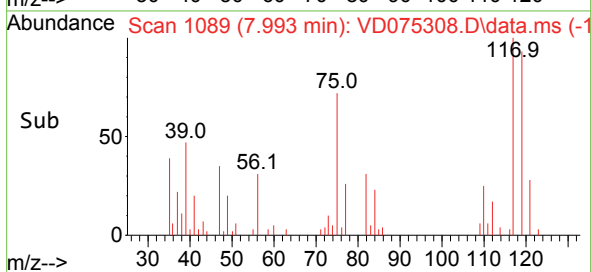
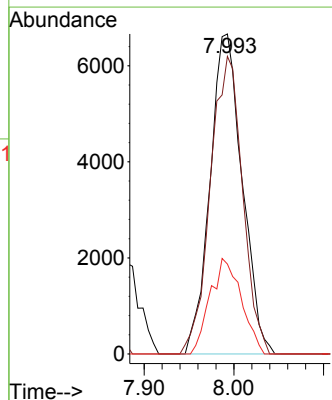
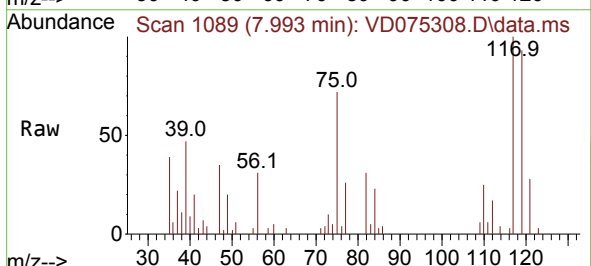
RT: 7.993 min Scan# 1089

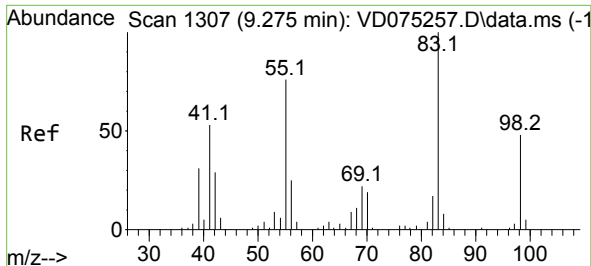
Delta R.T. -0.000 min

Lab File: VD075308.D

Acq: 10 Feb 2023 14:10

Tgt Ion: 117	Resp: 16590
Ion Ratio	Lower Upper
117	100
119	93.0 73.6 110.4
121	28.1 25.4 38.0





#39

Methylcyclohexane

Concen: 20.168 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD075308.D

Acq: 10 Feb 2023 14:10

Instrument :

MSVOA_D

ClientSampleId :

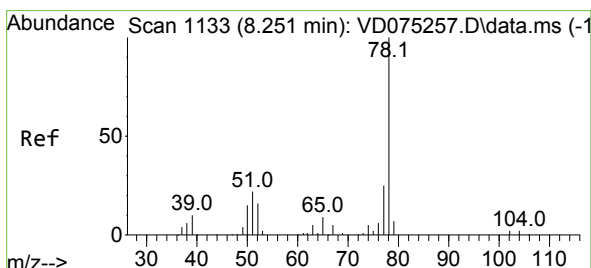
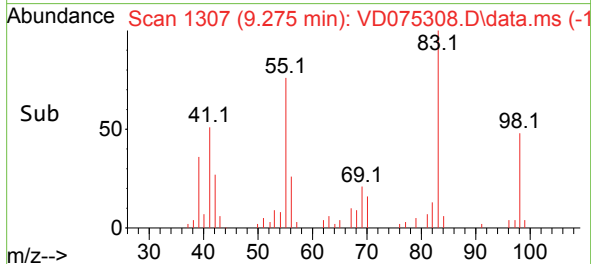
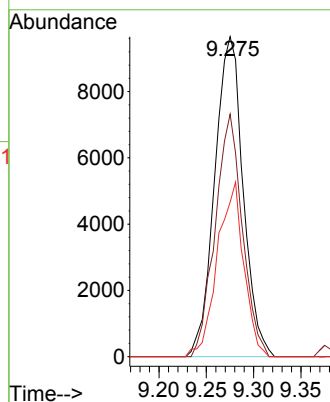
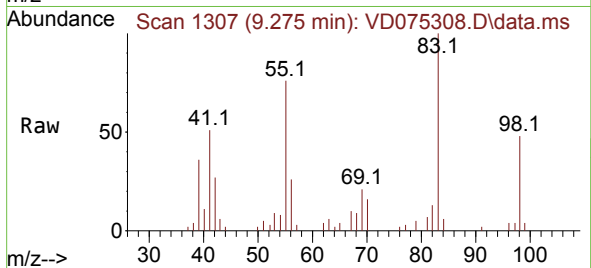
Tgt Ion: 83 Resp: 20160

Ion Ratio Lower Upper

83 100

55 75.8 60.0 90.0

98 48.3 39.0 58.4



#40

Benzene

Concen: 20.898 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.001 min

Lab File: VD075308.D

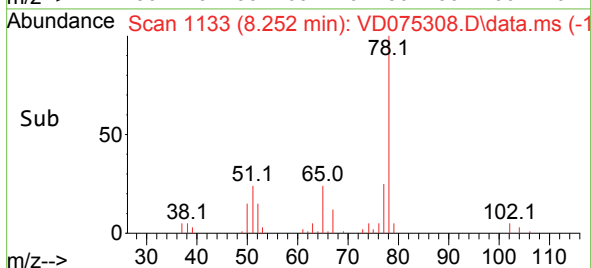
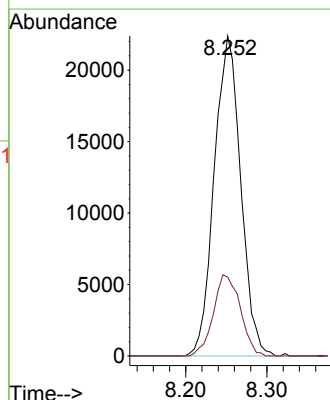
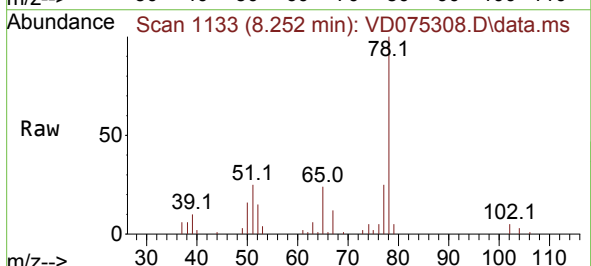
Acq: 10 Feb 2023 14:10

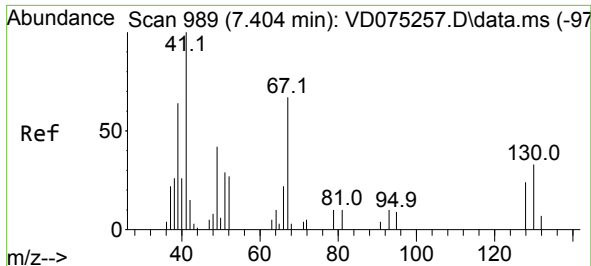
Tgt Ion: 78 Resp: 50725

Ion Ratio Lower Upper

78 100

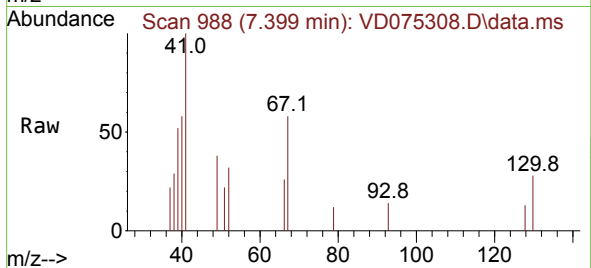
77 24.6 19.8 29.6



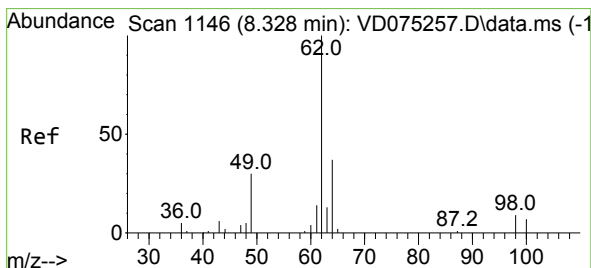
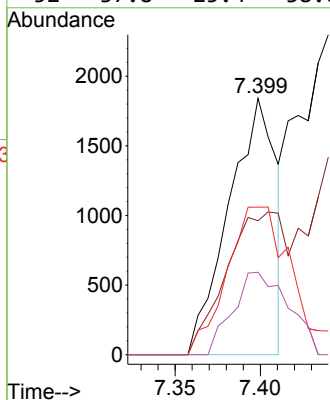
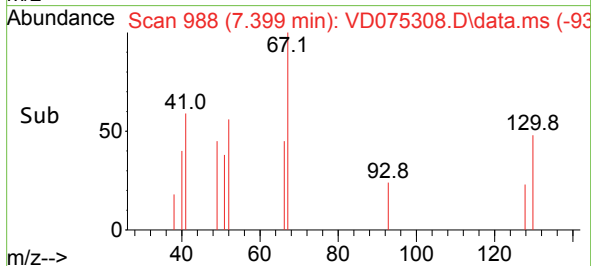


#41
Methacrylonitrile
Concen: 15.791 ug/l
RT: 7.399 min Scan# 989
Delta R.T. -0.005 min
Lab File: VD075308.D
Acq: 10 Feb 2023 14:10

Instrument :
MSVOA_D
ClientSampleId :

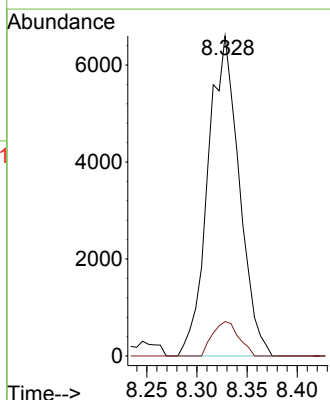
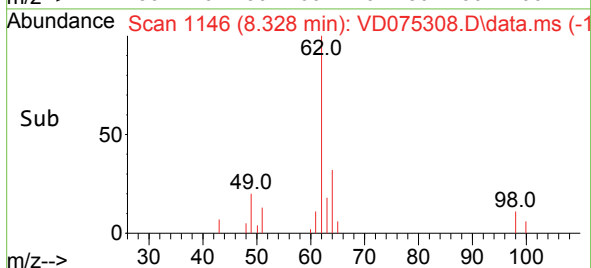
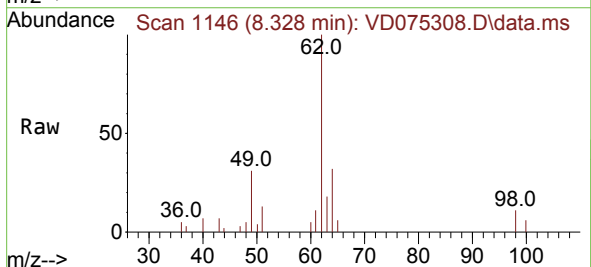


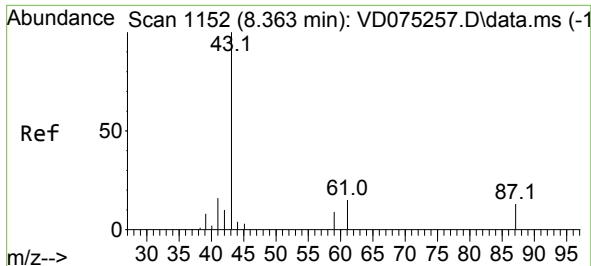
Tgt Ion:	41	Resp:	3548
Ion	Ratio	Lower	Upper
41	100		
39	70.0	57.8	86.6
67	77.9	60.5	90.7
52	37.8	25.4	38.0



#42
1,2-Dichloroethane
Concen: 20.357 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD075308.D
Acq: 10 Feb 2023 14:10

Tgt Ion:	62	Resp:	14305
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	19.2

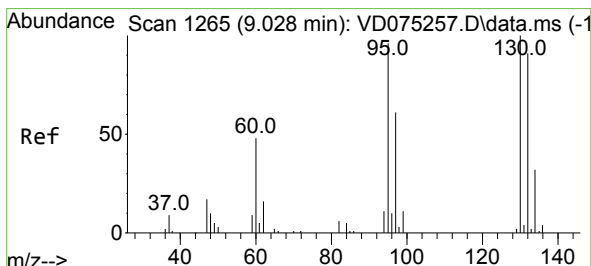
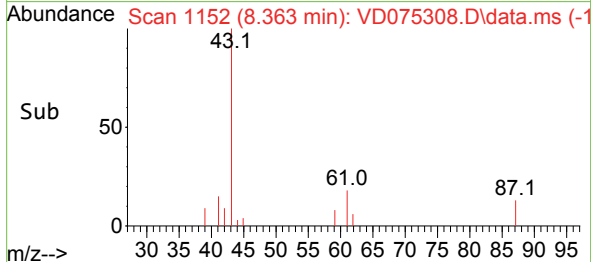
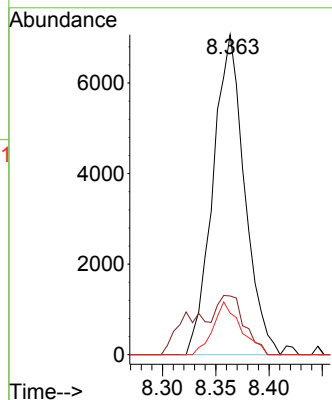
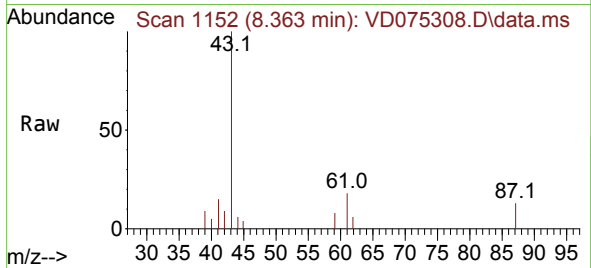




#43
Isopropyl Acetate
Concen: 20.288 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD075308.D
Acq: 10 Feb 2023 14:10

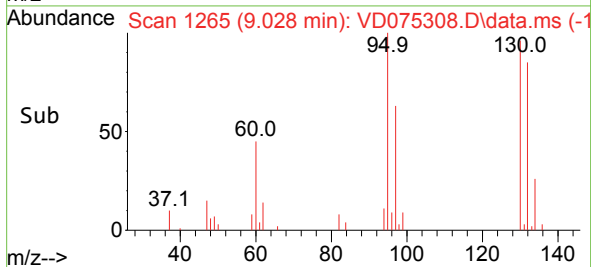
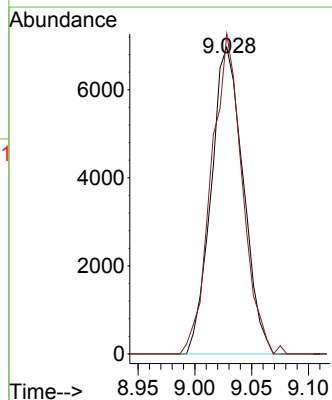
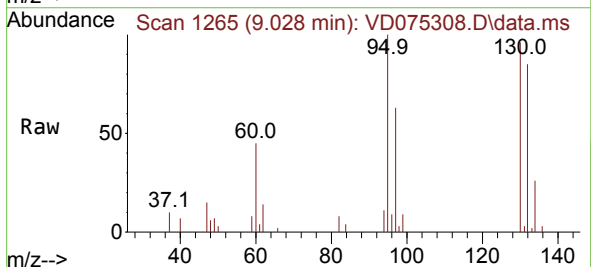
Instrument :
MSVOA_D
ClientSampleId :

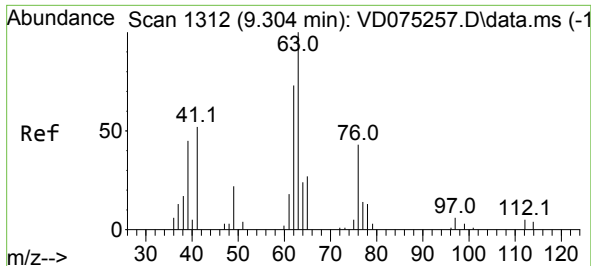
Tgt Ion: 43 Resp: 14601
Ion Ratio Lower Upper
43 100
61 16.1 25.0 37.6#
87 14.4 10.6 16.0



#44
Trichloroethene
Concen: 20.457 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD075308.D
Acq: 10 Feb 2023 14:10

Tgt Ion:130 Resp: 13687
Ion Ratio Lower Upper
130 100
95 104.3 0.0 188.6





#45

1,2-Dichloropropane

Concen: 21.204 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075308.D

Acq: 10 Feb 2023 14:10

Instrument :

MSVOA_D

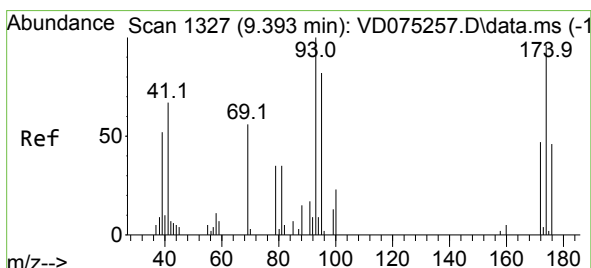
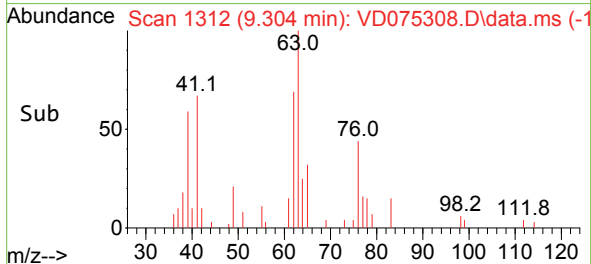
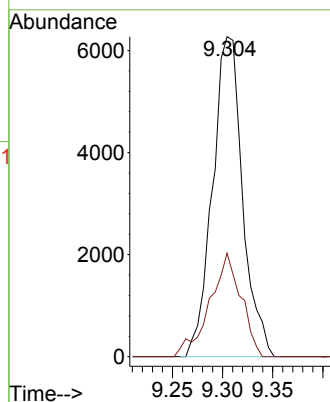
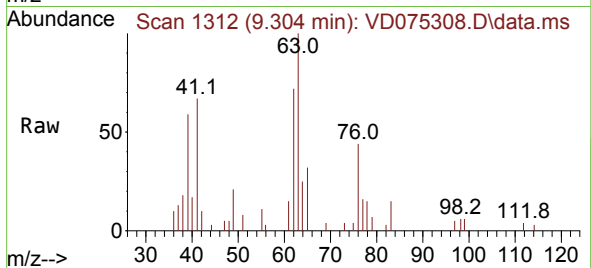
ClientSampleId :

Tgt Ion: 63 Resp: 13071

Ion Ratio Lower Upper

63 100

65 32.3 25.1 37.7



#46

Dibromomethane

Concen: 20.916 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD075308.D

Acq: 10 Feb 2023 14:10

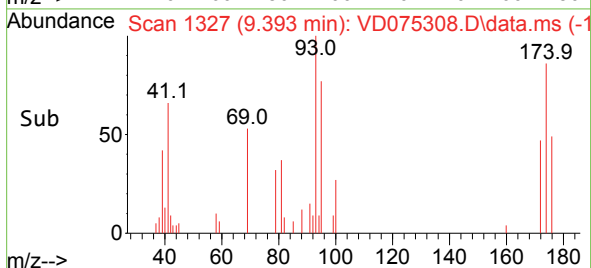
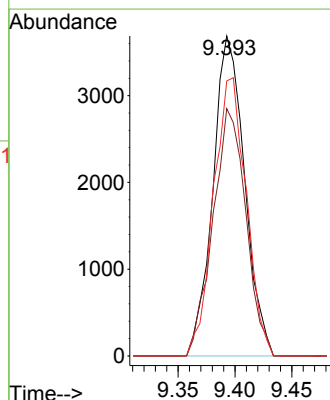
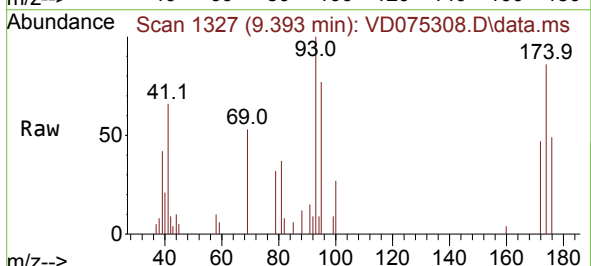
Tgt Ion: 93 Resp: 7145

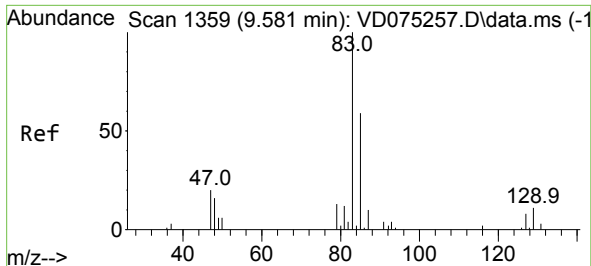
Ion Ratio Lower Upper

93 100

95 80.4 68.3 102.5

174 89.9 77.4 116.0

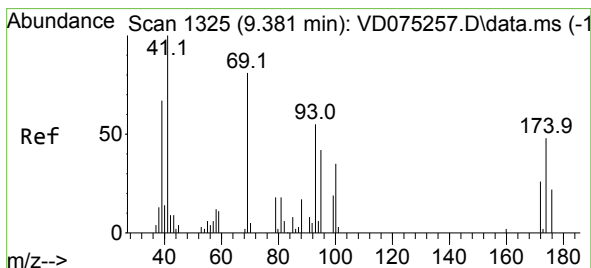
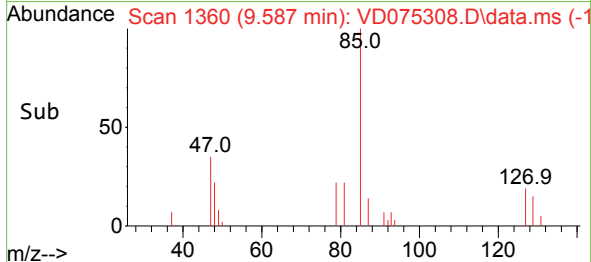
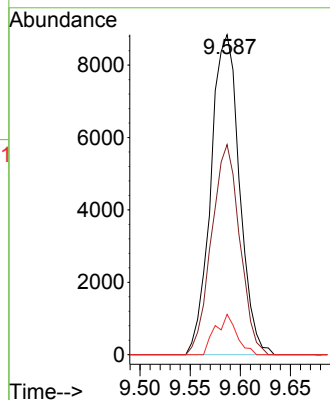
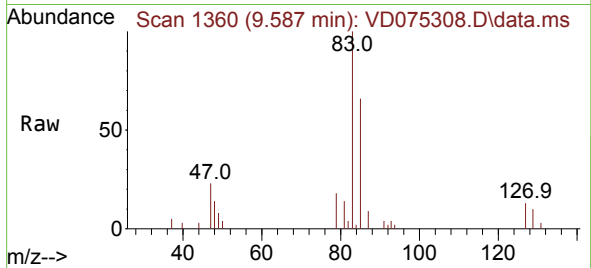




#47
Bromodichloromethane
Concen: 20.652 ug/l
RT: 9.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD075308.D
Acq: 10 Feb 2023 14:10

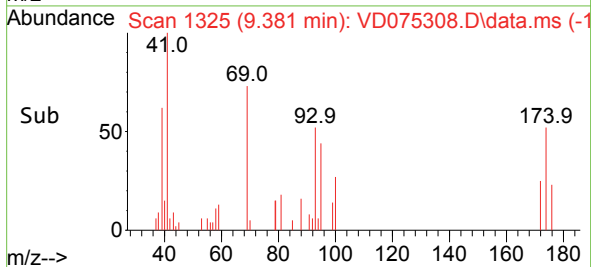
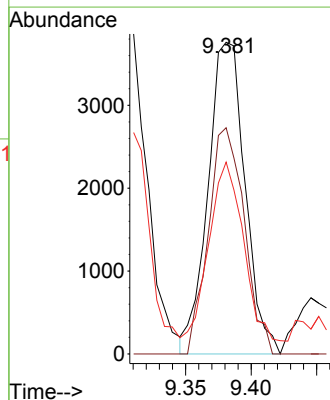
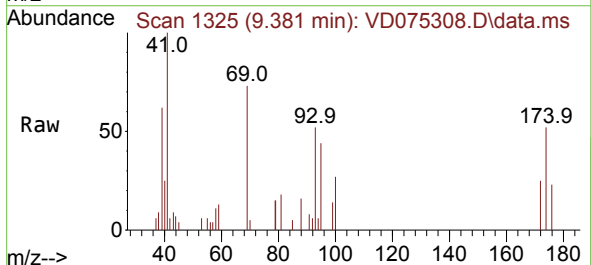
Instrument :
MSVOA_D
ClientSampleId :

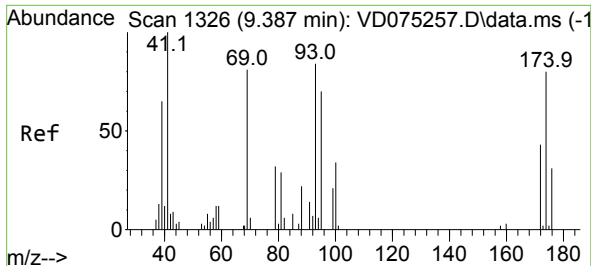
Tgt Ion: 83 Resp: 17558
Ion Ratio Lower Upper
83 100
85 65.7 53.0 79.4
127 12.6 7.0 10.4#



#48
Methyl methacrylate
Concen: 21.648 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD075308.D
Acq: 10 Feb 2023 14:10

Tgt Ion: 41 Resp: 7399
Ion Ratio Lower Upper
41 100
69 70.3 67.8 101.6
39 52.7 46.0 69.0





#49

1,4-Dioxane

Concen: 402.531 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. -0.000 min

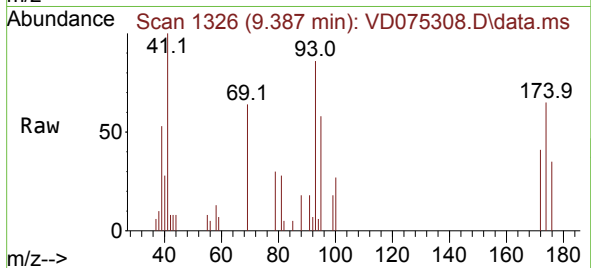
Lab File: VD075308.D

Acq: 10 Feb 2023 14:10

Instrument :

MSVOA_D

ClientSampleId :



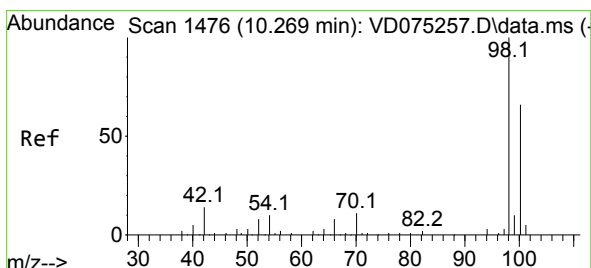
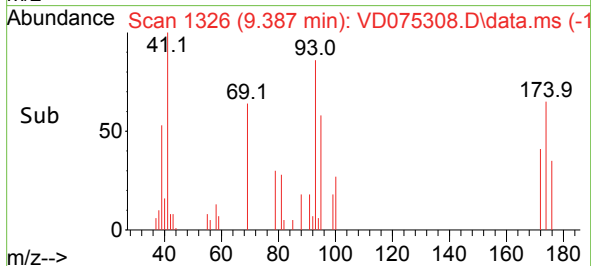
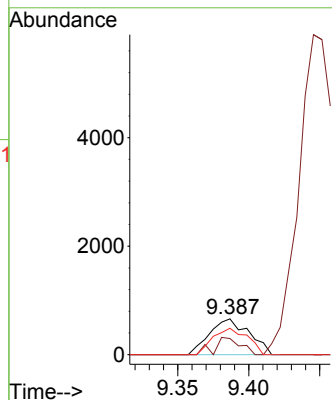
Tgt Ion: 88 Resp: 1275

Ion Ratio Lower Upper

88 100

43 31.5 35.6 53.4#

58 64.7 57.4 86.2



#50

Toluene-d8

Concen: 50.322 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075308.D

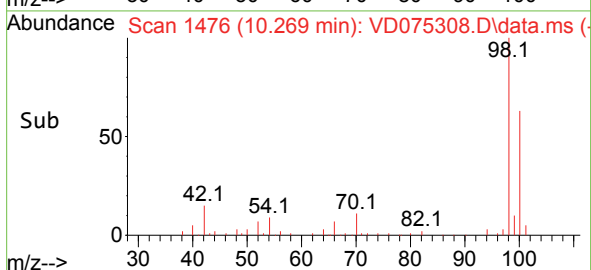
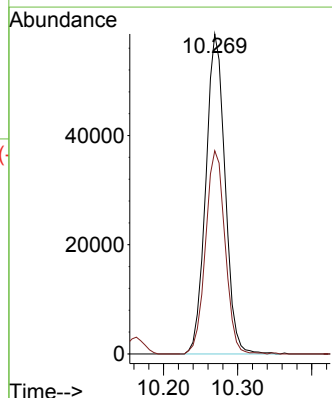
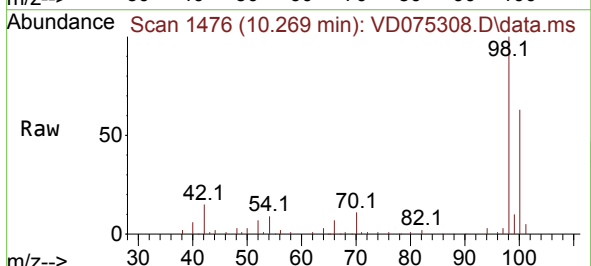
Acq: 10 Feb 2023 14:10

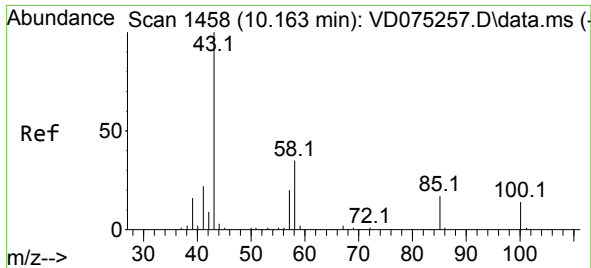
Tgt Ion: 98 Resp: 105801

Ion Ratio Lower Upper

98 100

100 64.4 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 104.581 ug/l

RT: 10.157 min Scan# 1457

Delta R.T. -0.006 min

Lab File: VD075308.D

Acq: 10 Feb 2023 14:10

Instrument :

MSVOA_D

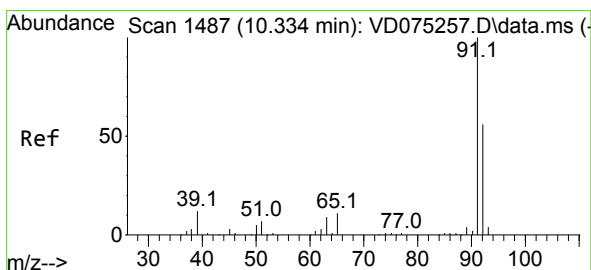
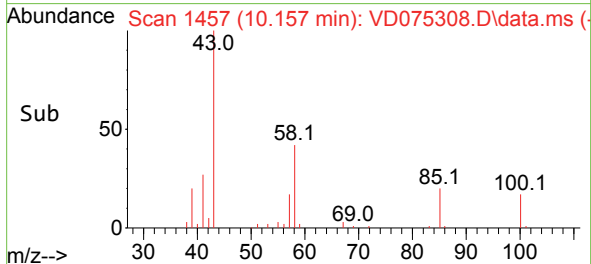
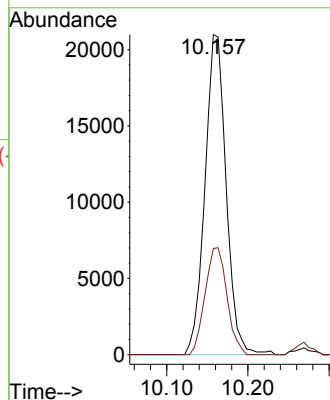
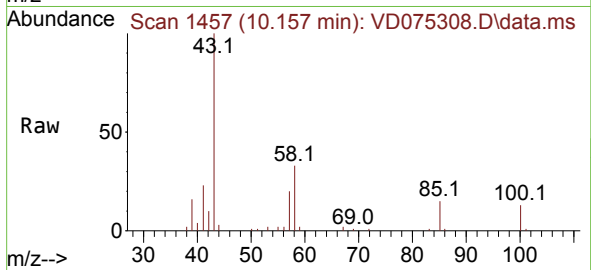
ClientSampleId :

Tgt Ion: 43 Resp: 38051

Ion Ratio Lower Upper

43 100

58 34.5 31.4 47.0



#52

Toluene

Concen: 21.037 ug/l

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD075308.D

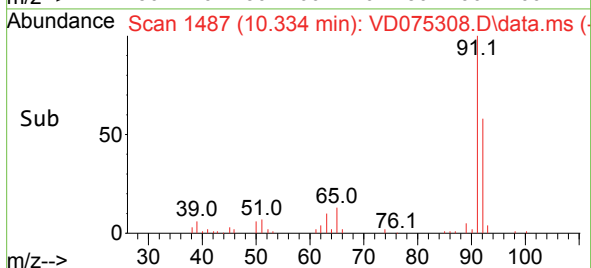
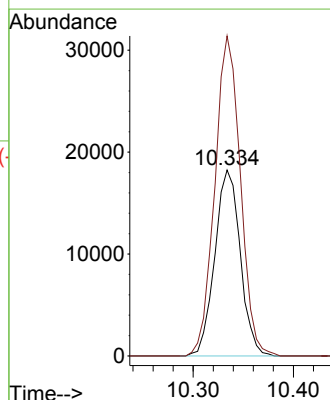
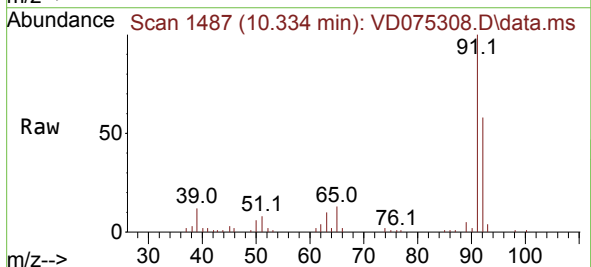
Acq: 10 Feb 2023 14:10

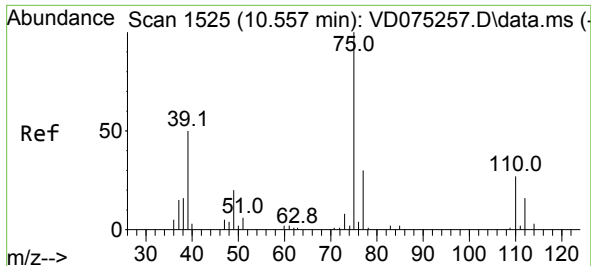
Tgt Ion: 92 Resp: 32161

Ion Ratio Lower Upper

92 100

91 173.2 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 20.177 ug/l

RT: 10.557 min Scan# 1525

Delta R.T. 0.000 min

Lab File: VD075308.D

Acq: 10 Feb 2023 14:10

Instrument :

MSVOA_D

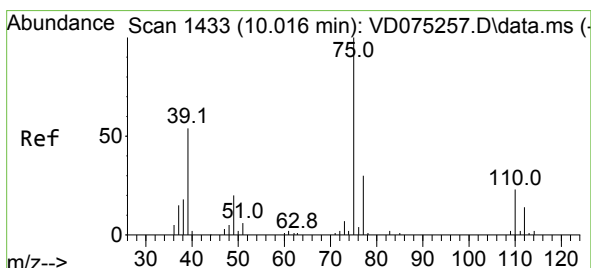
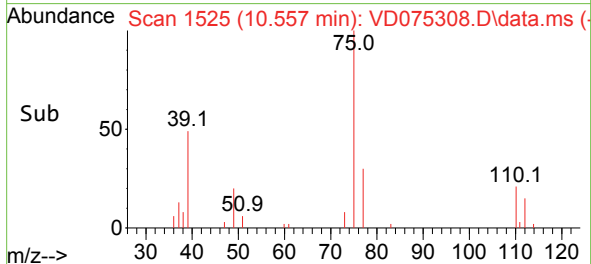
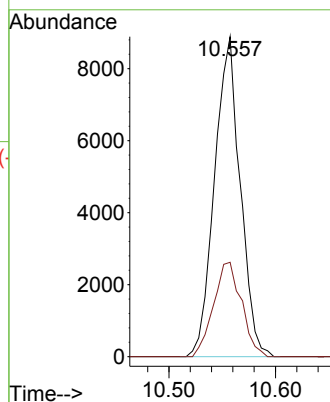
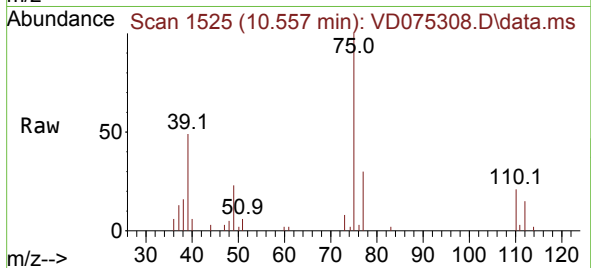
ClientSampleId :

Tgt Ion: 75 Resp: 14859

Ion Ratio Lower Upper

75 100

77 29.5 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 20.222 ug/l

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD075308.D

Acq: 10 Feb 2023 14:10

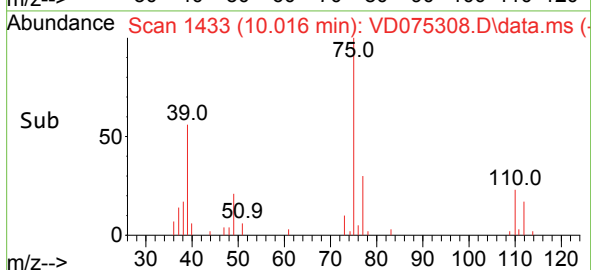
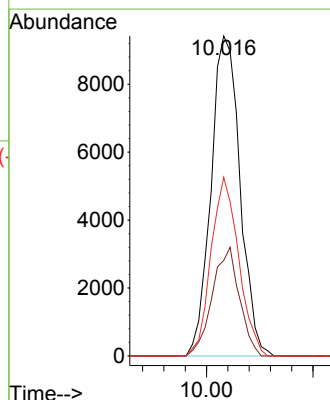
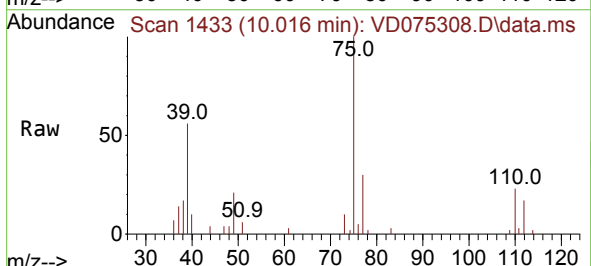
Tgt Ion: 75 Resp: 17805

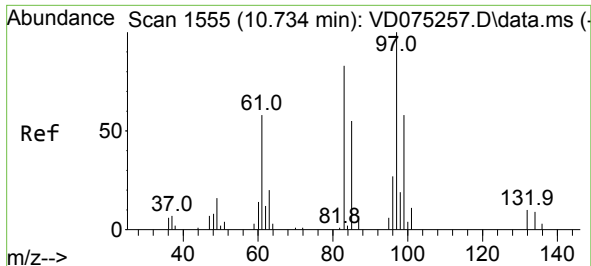
Ion Ratio Lower Upper

75 100

77 29.9 25.1 37.7

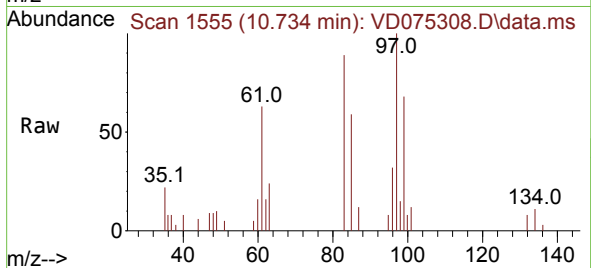
39 55.8 37.9 56.9



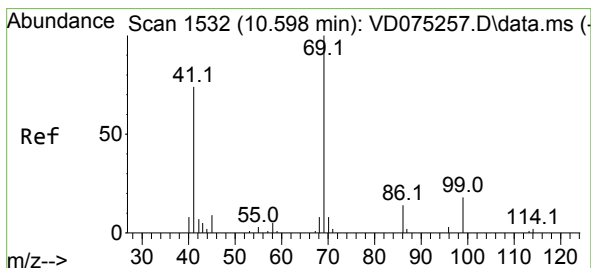
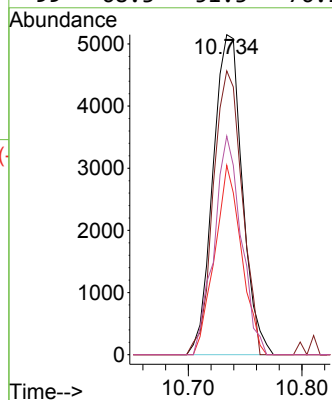


#55
1,1,2-Trichloroethane
Concen: 21.185 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD075308.D
Acq: 10 Feb 2023 14:10

Instrument :
MSVOA_D
ClientSampleId :

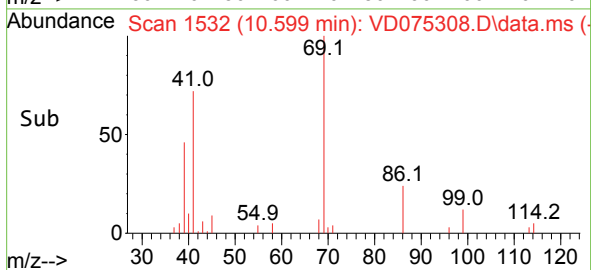
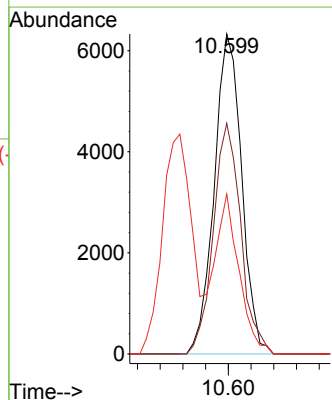
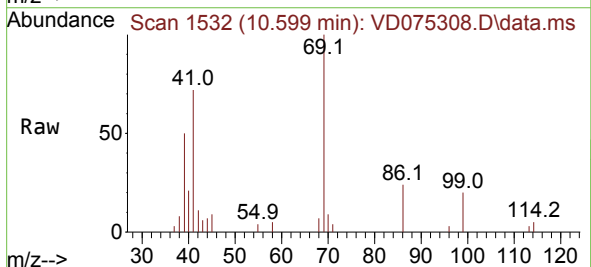


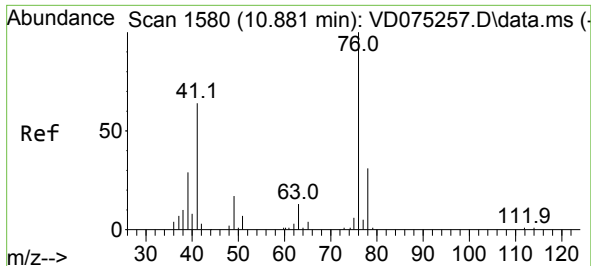
Tgt Ion:	97	Resp:	9238
Ion	Ratio	Lower	Upper
97	100		
83	88.7	69.4	104.0
85	59.1	46.0	69.0
99	68.3	51.3	76.9



#56
Ethyl methacrylate
Concen: 20.933 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD075308.D
Acq: 10 Feb 2023 14:10

Tgt Ion:	69	Resp:	10612
Ion	Ratio	Lower	Upper
69	100		
41	72.2	55.7	83.5
39	42.3	31.4	47.0





#57

1,3-Dichloropropane

Concen: 21.223 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD075308.D

Acq: 10 Feb 2023 14:10

Instrument :

MSVOA_D

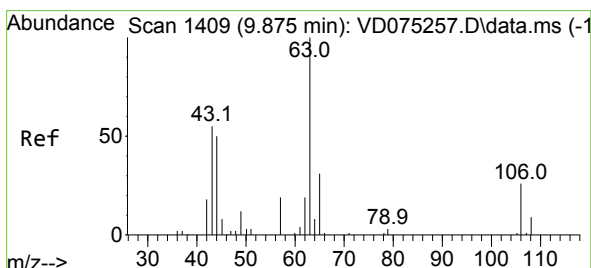
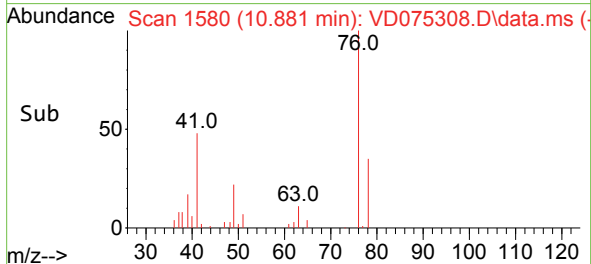
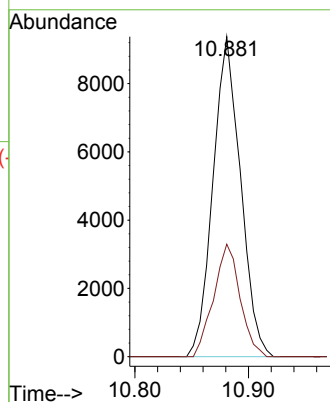
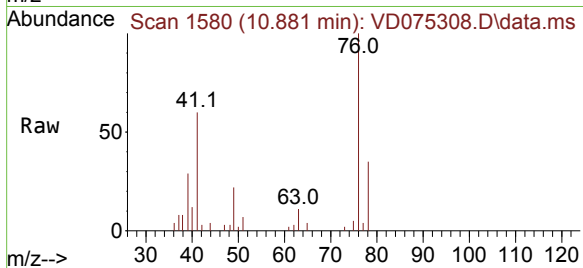
ClientSampleId :

Tgt Ion: 76 Resp: 15766

Ion Ratio Lower Upper

76 100

78 33.8 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 115.383 ug/l

RT: 9.875 min Scan# 1409

Delta R.T. 0.000 min

Lab File: VD075308.D

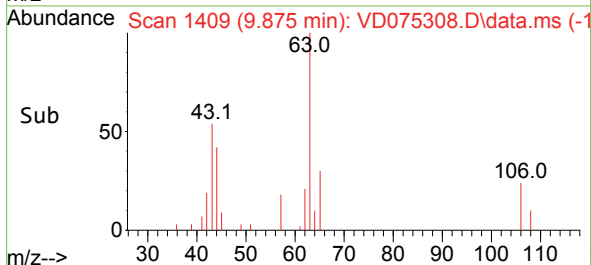
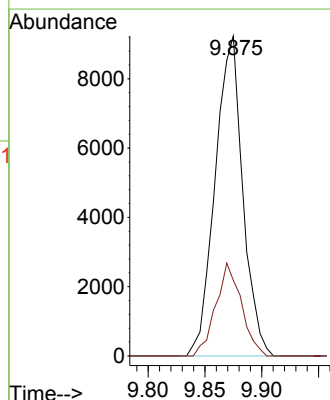
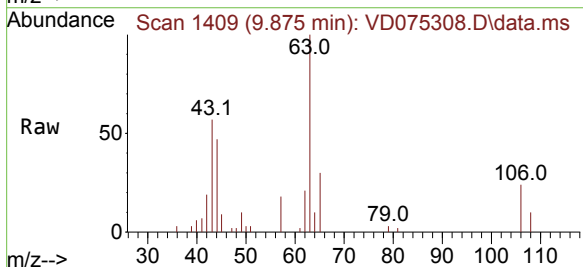
Acq: 10 Feb 2023 14:10

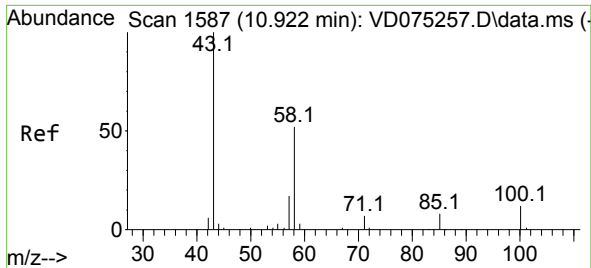
Tgt Ion: 63 Resp: 15606

Ion Ratio Lower Upper

63 100

106 27.0 22.6 33.8

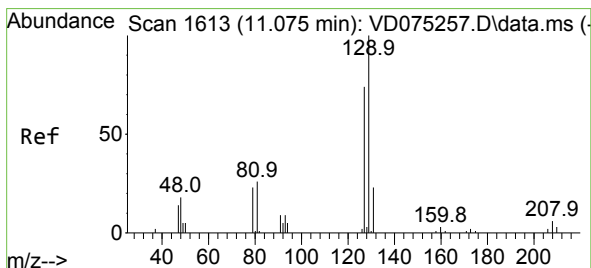
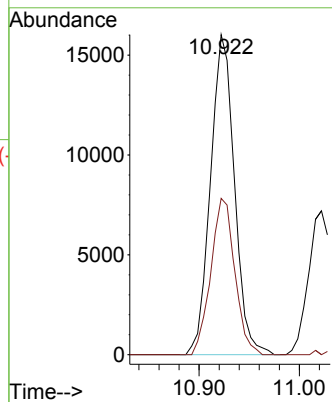
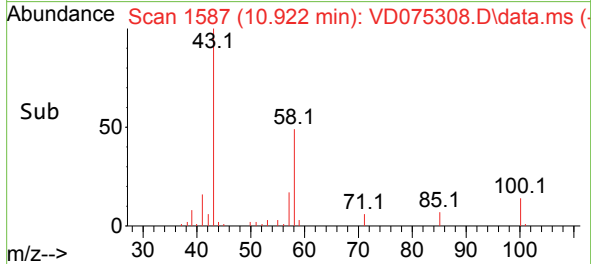
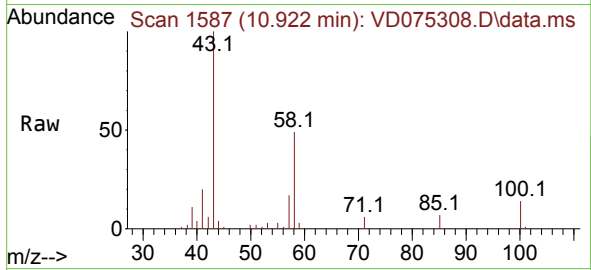




#59
2-Hexanone
Concen: 100.084 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD075308.D
Acq: 10 Feb 2023 14:10

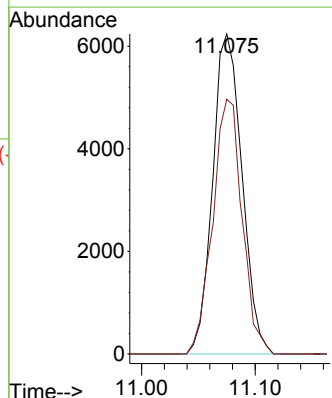
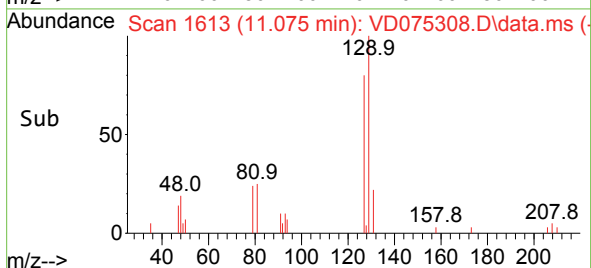
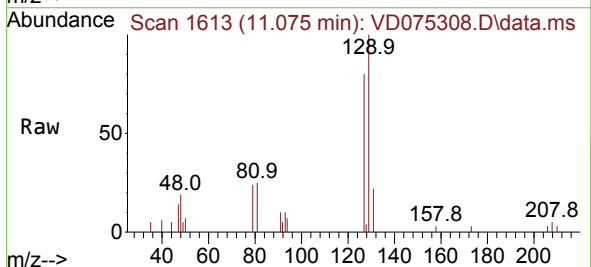
Instrument :
MSVOA_D
ClientSampleId :

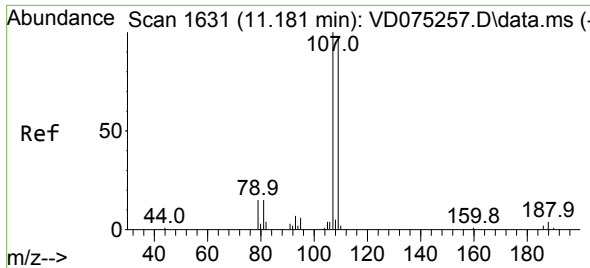
Tgt Ion: 43 Resp: 26604
Ion Ratio Lower Upper
43 100
58 48.8 26.8 80.4



#60
Dibromochloromethane
Concen: 20.706 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075308.D
Acq: 10 Feb 2023 14:10

Tgt Ion:129 Resp: 11187
Ion Ratio Lower Upper
129 100
127 80.0 38.9 116.6

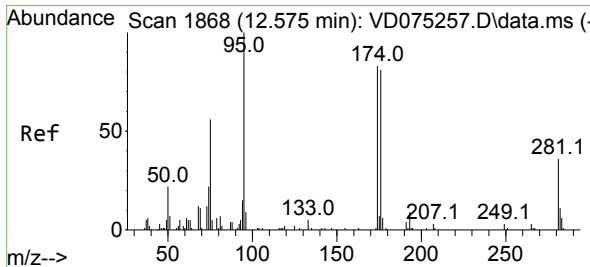
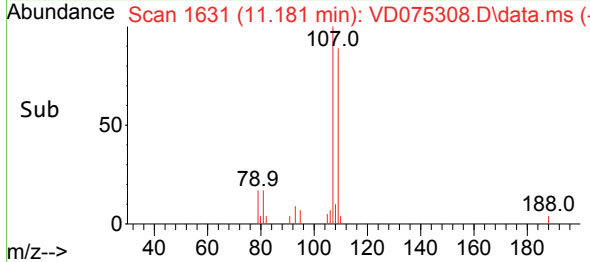
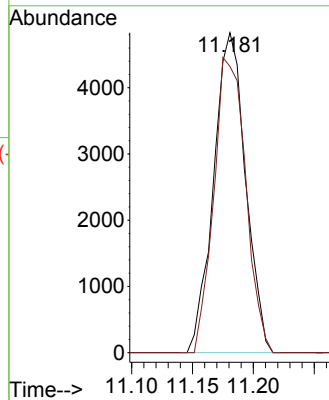
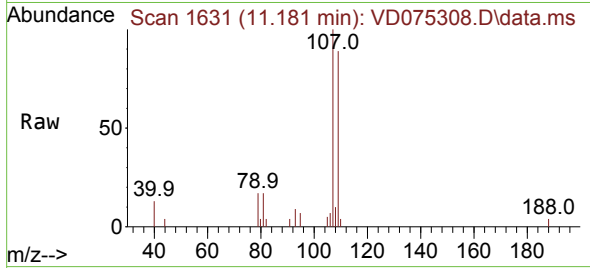




#61
1,2-Dibromoethane
Concen: 20.967 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075308.D
Acq: 10 Feb 2023 14:10

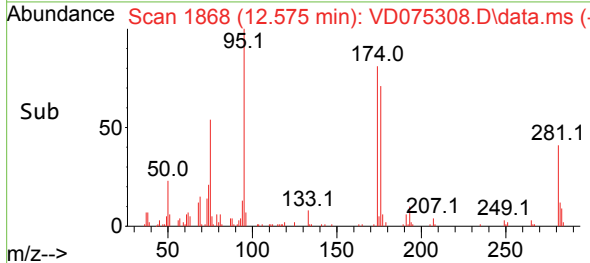
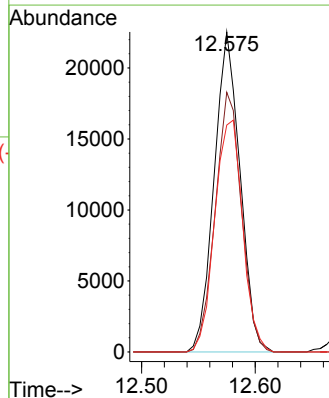
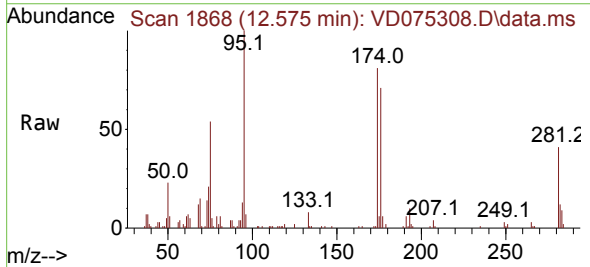
Instrument :
MSVOA_D
ClientSampleId :

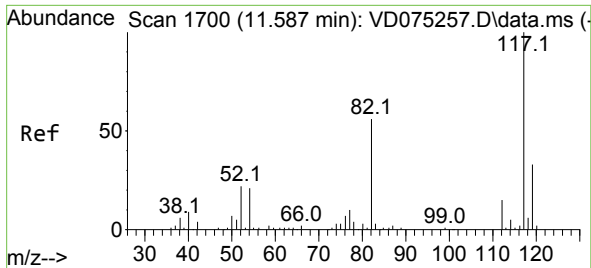
Tgt Ion:107 Resp: 8816
Ion Ratio Lower Upper
107 100
109 92.1 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 51.330 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075308.D
Acq: 10 Feb 2023 14:10

Tgt Ion: 95 Resp: 35585
Ion Ratio Lower Upper
95 100
174 82.5 0.0 161.2
176 78.5 0.0 160.2

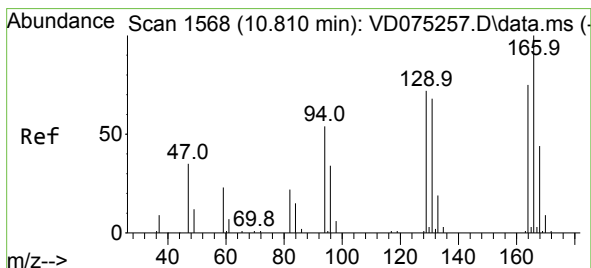
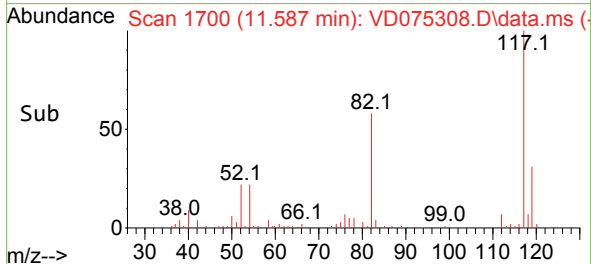
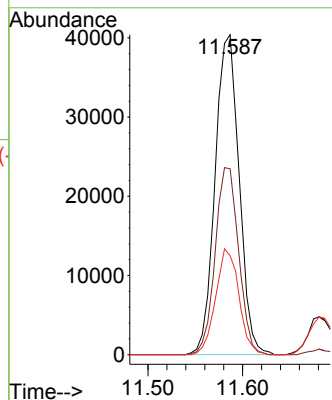
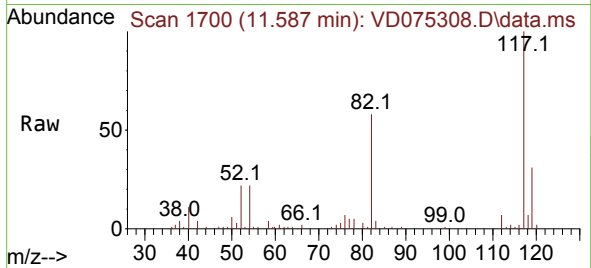




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075308.D
Acq: 10 Feb 2023 14:10

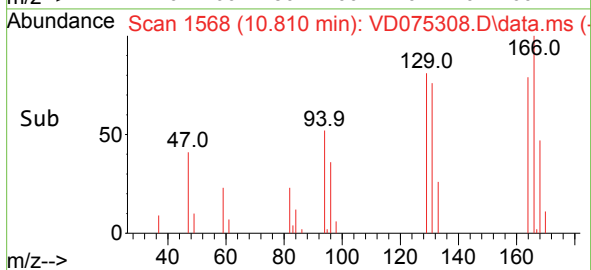
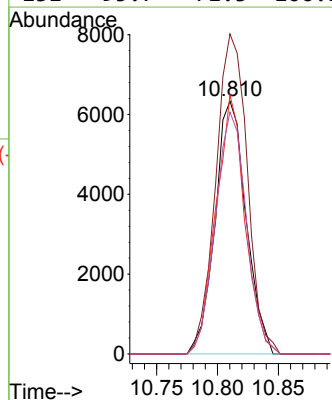
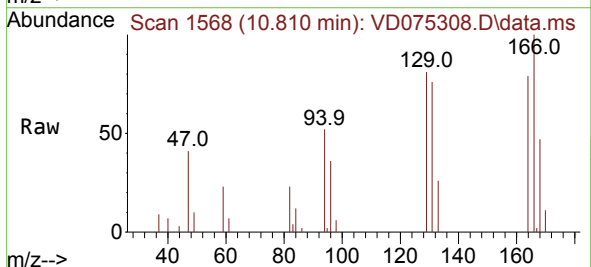
Instrument :
MSVOA_D
ClientSampleId :

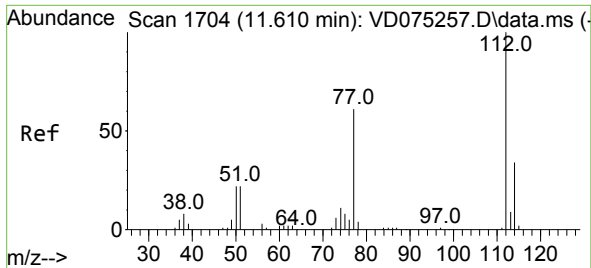
Tgt Ion:117 Resp: 71191
Ion Ratio Lower Upper
117 100
82 58.1 39.6 59.4
119 30.9 24.6 37.0



#64
Tetrachloroethene
Concen: 20.498 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075308.D
Acq: 10 Feb 2023 14:10

Tgt Ion:164 Resp: 11239
Ion Ratio Lower Upper
164 100
166 126.5 105.3 157.9
129 102.4 76.2 114.4
131 95.7 71.3 106.9

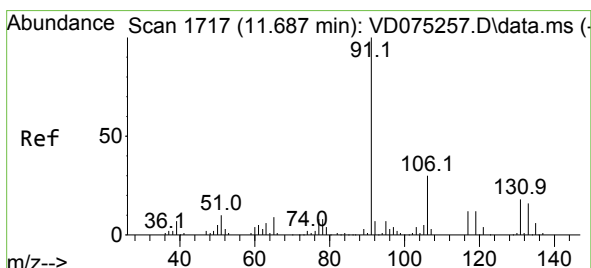
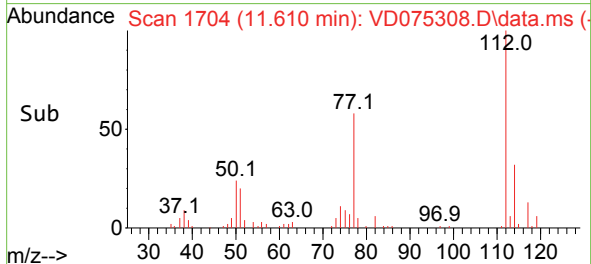
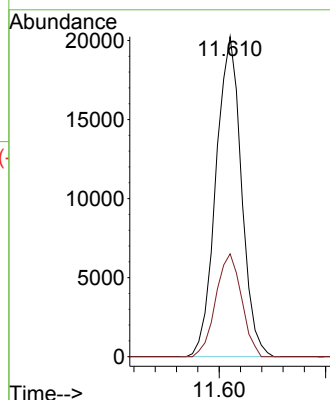
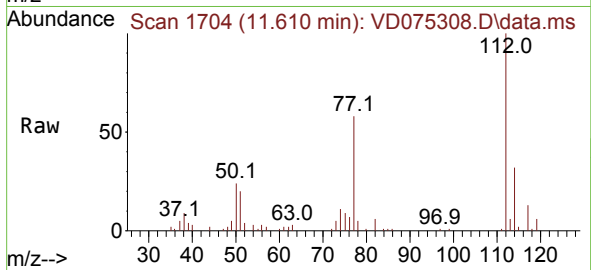




#65
Chlorobenzene
Concen: 20.925 ug/l
RT: 11.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075308.D
Acq: 10 Feb 2023 14:10

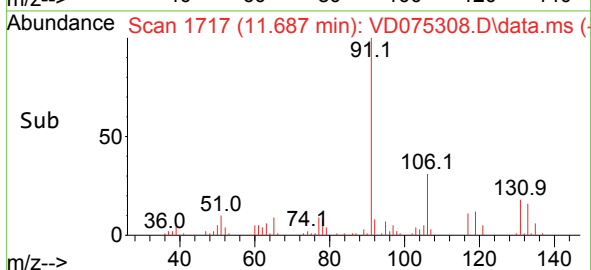
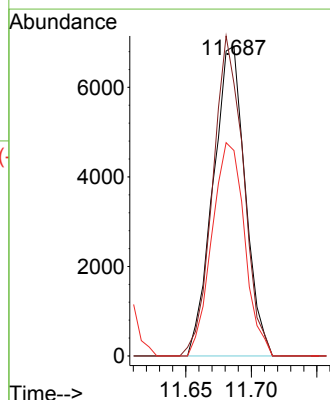
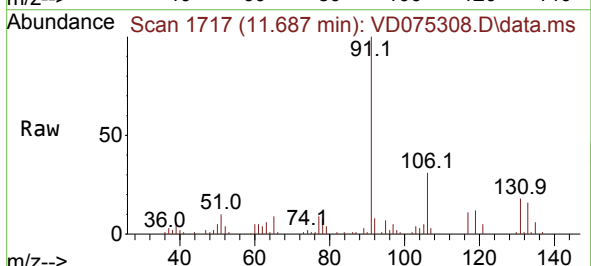
Instrument :
MSVOA_D
ClientSampleId :

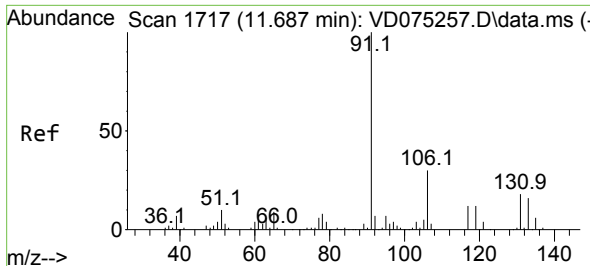
Tgt Ion:112 Resp: 33595
Ion Ratio Lower Upper
112 100
114 32.2 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 20.124 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075308.D
Acq: 10 Feb 2023 14:10

Tgt Ion:131 Resp: 11763
Ion Ratio Lower Upper
131 100
133 98.5 49.0 147.2
119 70.0 34.8 104.5

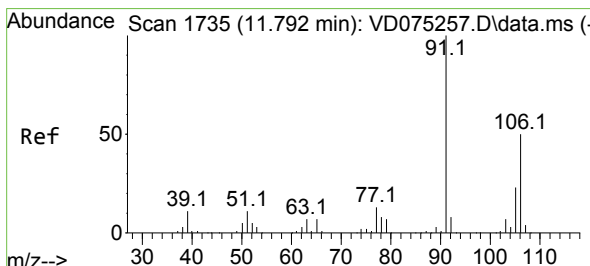
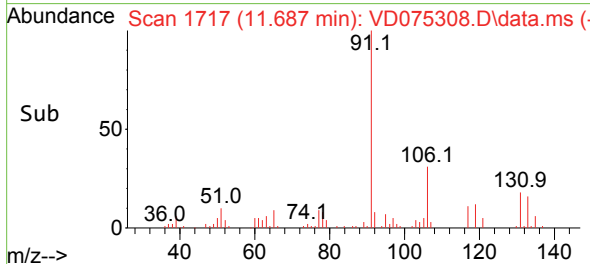
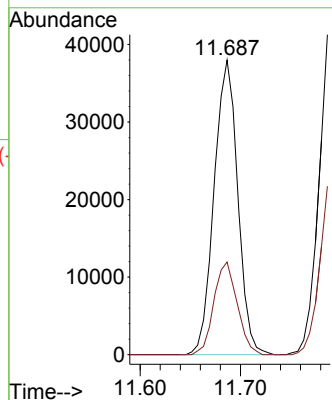
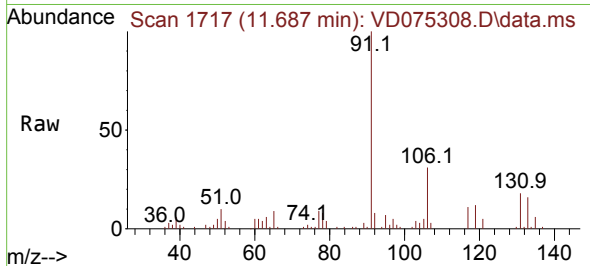




#67
Ethyl Benzene
Concen: 20.976 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075308.D
Acq: 10 Feb 2023 14:10

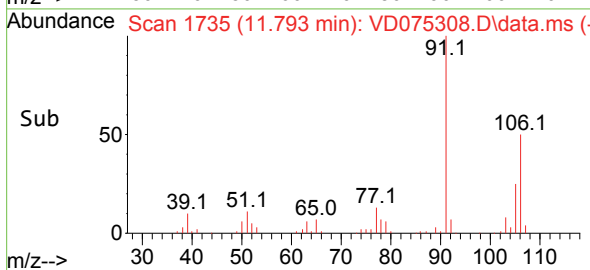
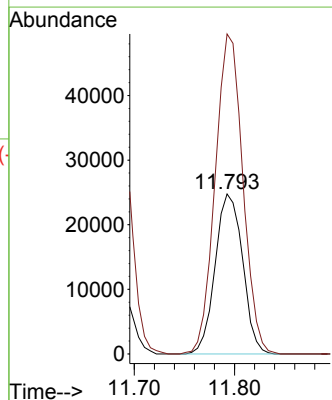
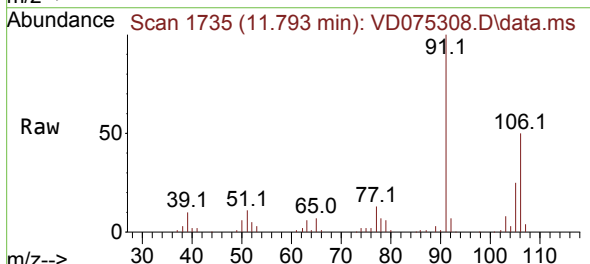
Instrument :
MSVOA_D
ClientSampleId :

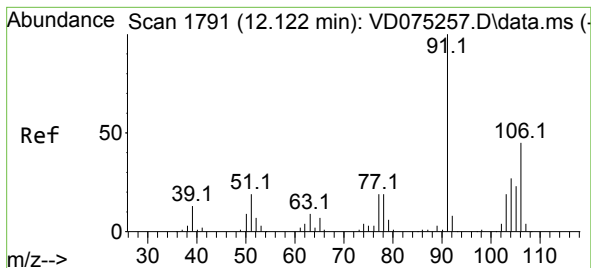
Tgt Ion: 91 Resp: 62172
Ion Ratio Lower Upper
91 100
106 31.5 25.0 37.6



#68
m/p-Xylenes
Concen: 41.748 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.001 min
Lab File: VD075308.D
Acq: 10 Feb 2023 14:10

Tgt Ion:106 Resp: 47070
Ion Ratio Lower Upper
106 100
91 201.6 160.3 240.5





#69

o-Xylene

Concen: 20.821 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VD075308.D

Acq: 10 Feb 2023 14:10

Instrument :

MSVOA_D

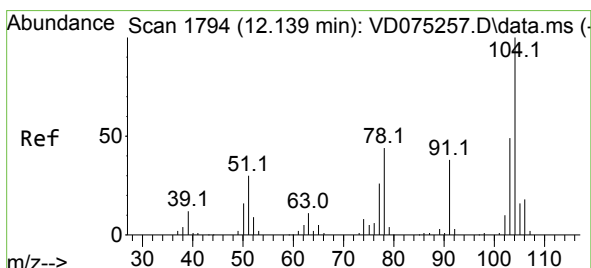
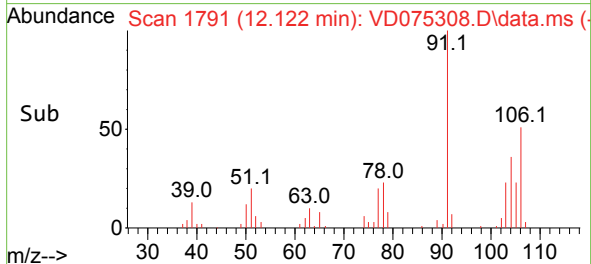
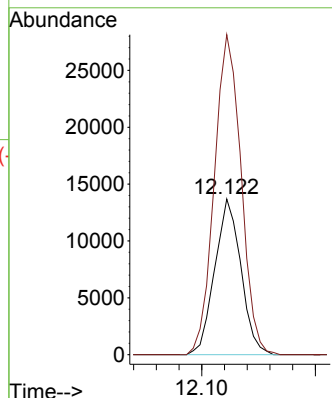
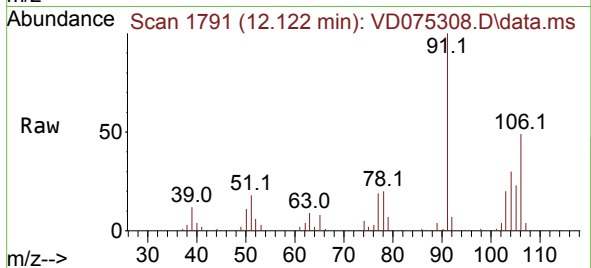
ClientSampleId :

Tgt Ion:106 Resp: 21928

Ion Ratio Lower Upper

106 100

91 210.2 103.6 310.9



#70

Styrene

Concen: 20.852 ug/l

RT: 12.140 min Scan# 1794

Delta R.T. 0.001 min

Lab File: VD075308.D

Acq: 10 Feb 2023 14:10

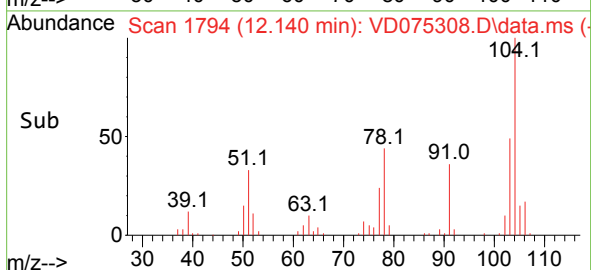
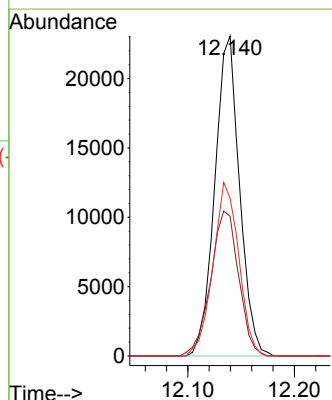
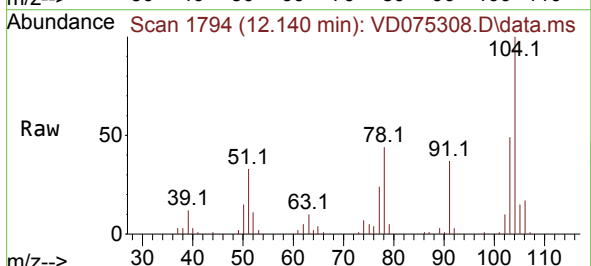
Tgt Ion:104 Resp: 37200

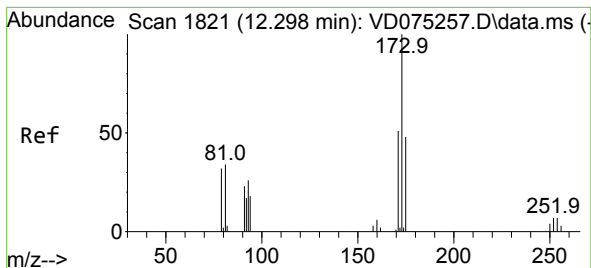
Ion Ratio Lower Upper

104 100

78 51.2 38.9 58.3

103 56.4 43.6 65.4





#71

Bromoform

Concen: 20.824 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD075308.D

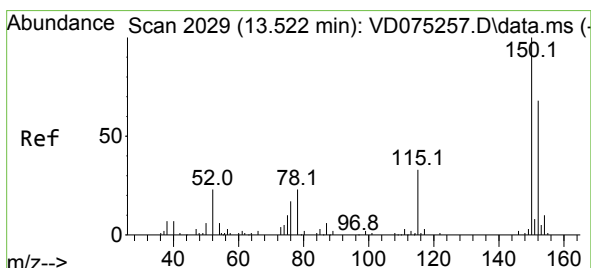
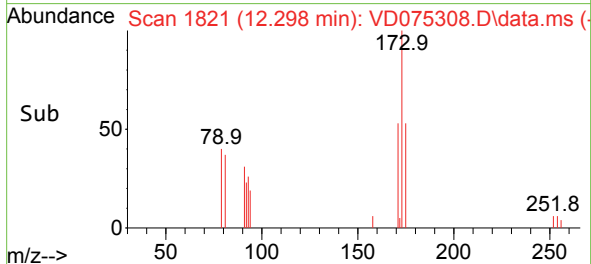
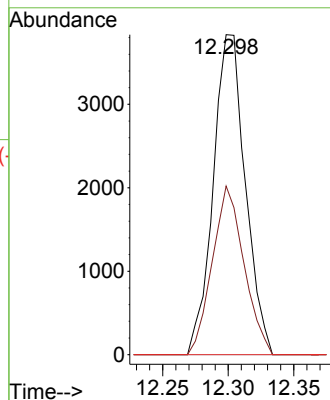
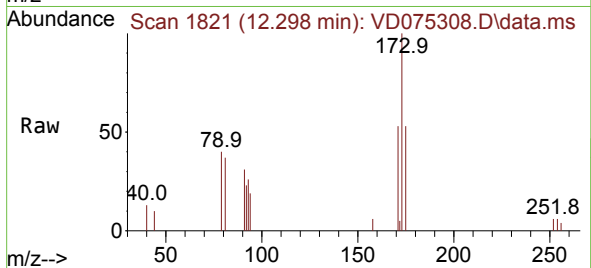
Acq: 10 Feb 2023 14:10

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:173	Resp:	6538
Ion Ratio	Lower	Upper
173	100	
175	51.9	25.4 76.0
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

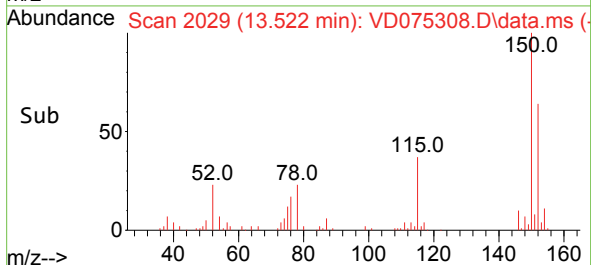
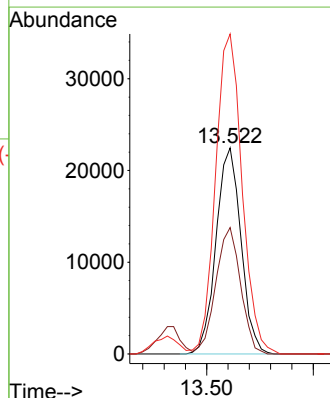
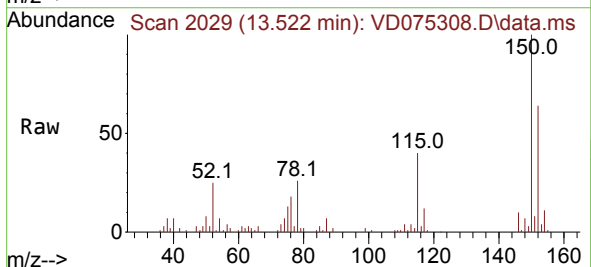
RT: 13.522 min Scan# 2029

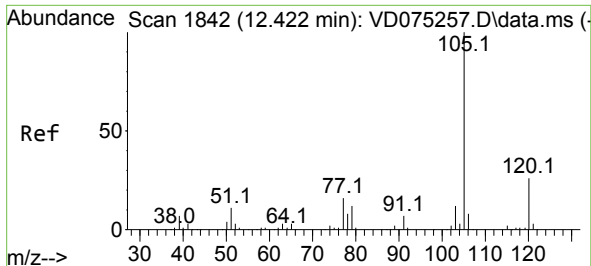
Delta R.T. -0.000 min

Lab File: VD075308.D

Acq: 10 Feb 2023 14:10

Tgt Ion:152	Resp:	36484
Ion Ratio	Lower	Upper
152	100	
115	61.1	28.8 86.4
150	165.2	0.0 348.6

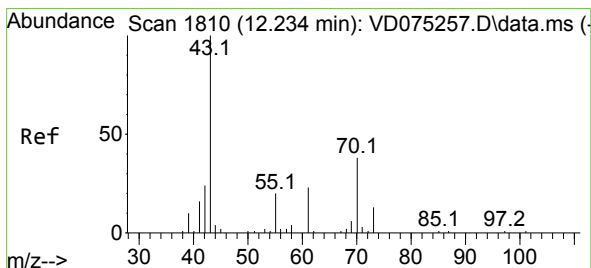
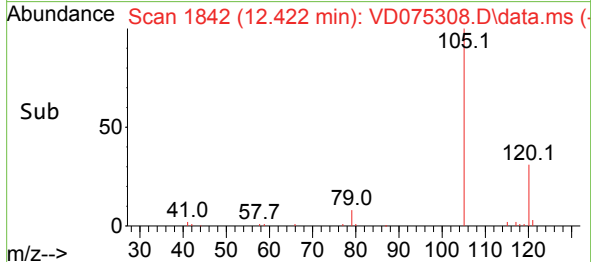
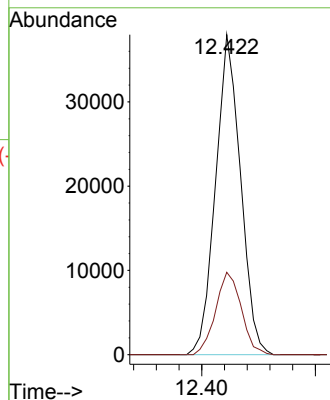
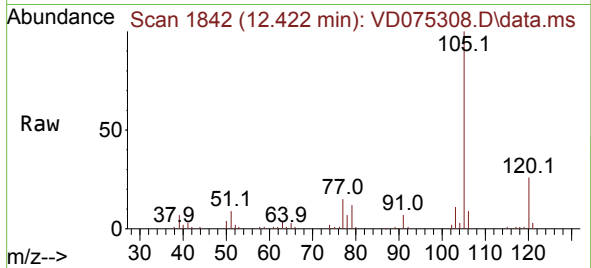




#73
Isopropylbenzene
Concen: 19.586 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD075308.D
Acq: 10 Feb 2023 14:10

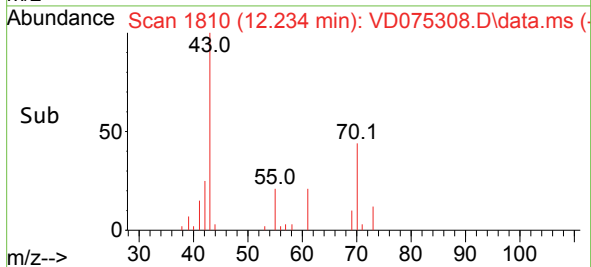
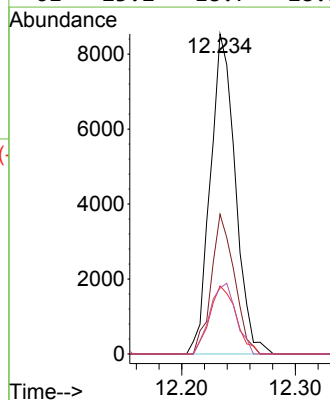
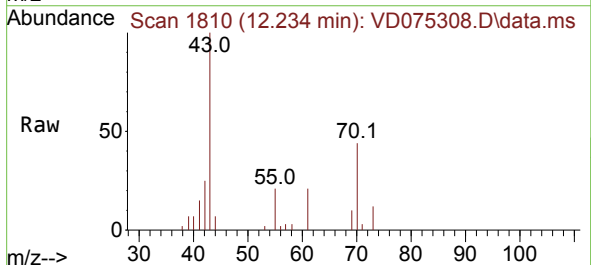
Instrument :
MSVOA_D
ClientSampleId :

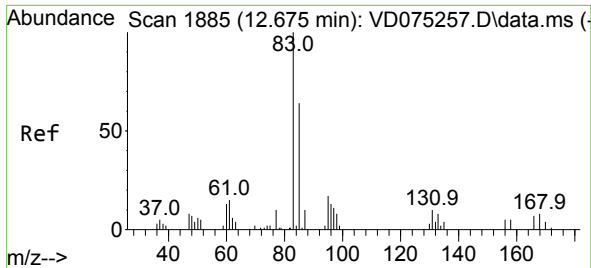
Tgt Ion:105 Resp: 57890
Ion Ratio Lower Upper
105 100
120 26.5 13.7 41.1



#74
N-ethyl acetate
Concen: 19.617 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD075308.D
Acq: 10 Feb 2023 14:10

Tgt Ion: 43 Resp: 13029
Ion Ratio Lower Upper
43 100
70 40.4 32.6 49.0
55 22.5 17.8 26.8
61 23.2 18.7 28.1

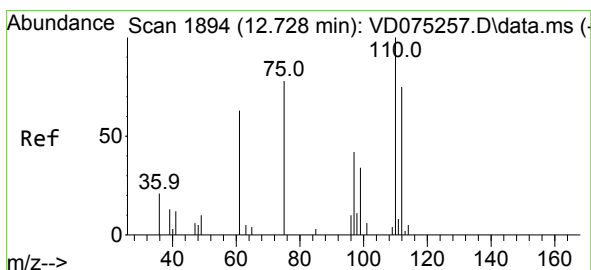
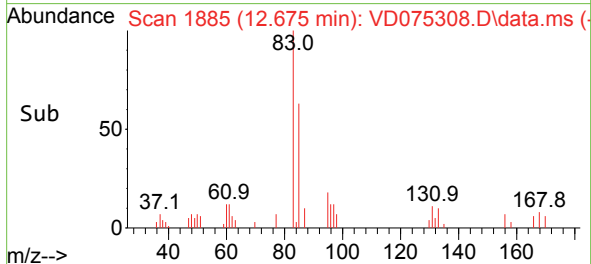
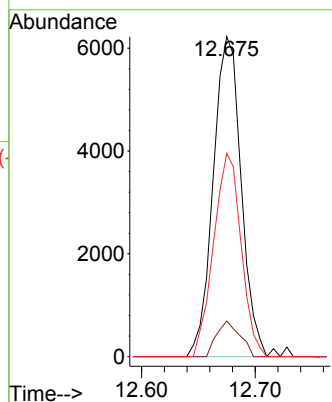
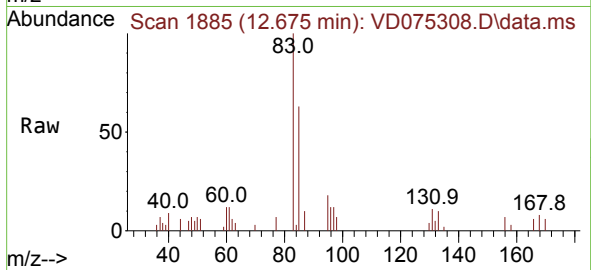




#75
1,1,2,2-Tetrachloroethane
Concen: 20.779 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075308.D
Acq: 10 Feb 2023 14:10

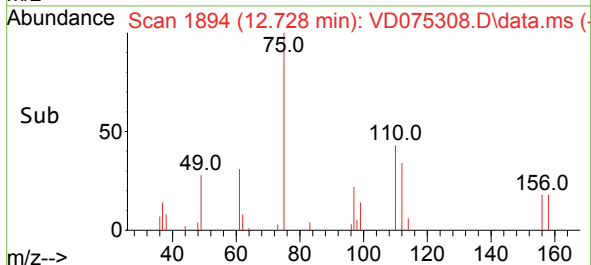
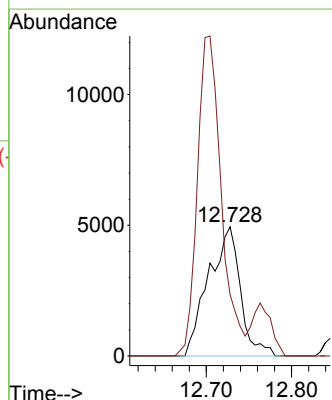
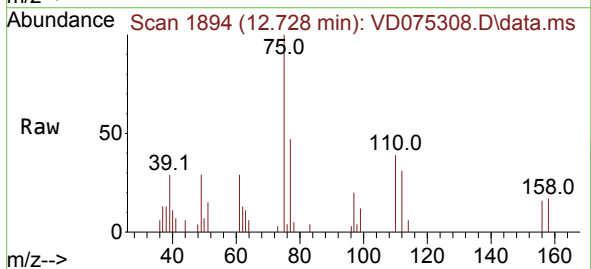
Instrument : MSVOA_D
ClientSampleId :

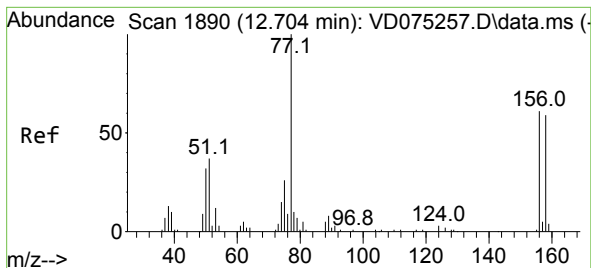
Tgt Ion: 83 Resp: 10685
Ion Ratio Lower Upper
83 100
131 9.2 4.9 14.6
85 62.2 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 30.984 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD075308.D
Acq: 10 Feb 2023 14:10

Tgt Ion: 75 Resp: 12840
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.871 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD075308.D

Acq: 10 Feb 2023 14:10

Instrument :

MSVOA_D

ClientSampleId :

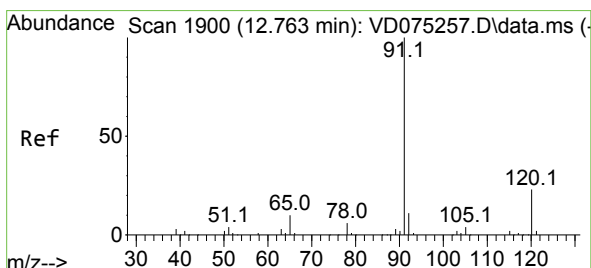
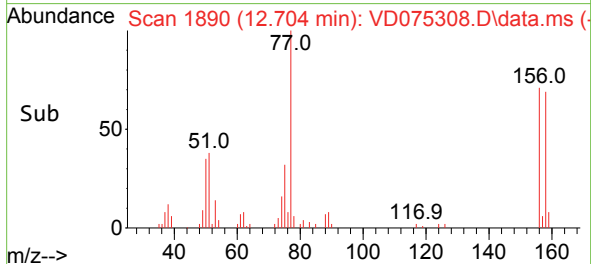
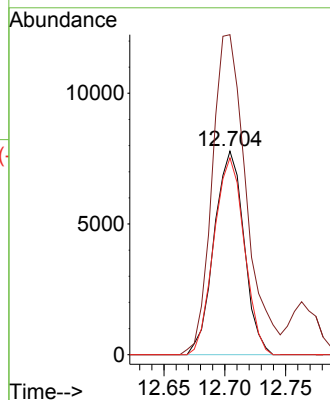
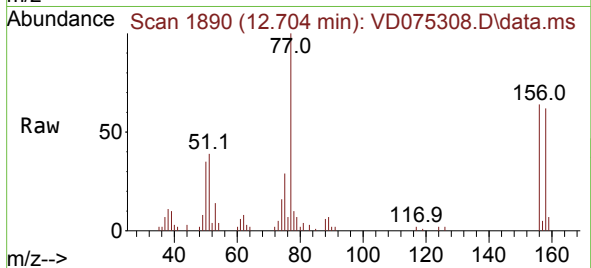
Tgt Ion:156 Resp: 13299

Ion Ratio Lower Upper

156 100

77 179.6 85.6 256.8

158 98.3 47.3 141.9



#78

n-propylbenzene

Concen: 19.944 ug/l

RT: 12.769 min Scan# 1901

Delta R.T. 0.006 min

Lab File: VD075308.D

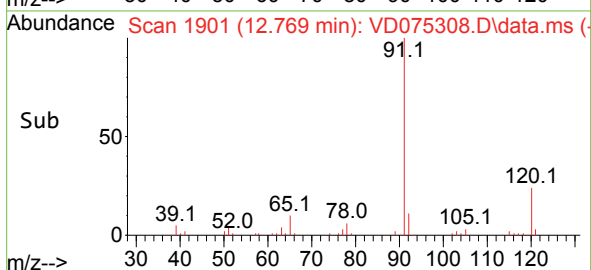
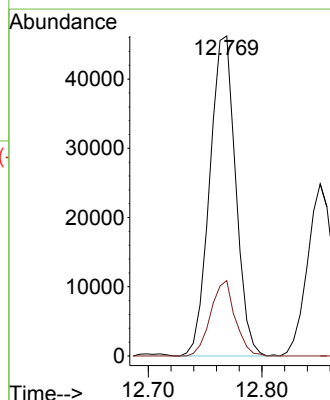
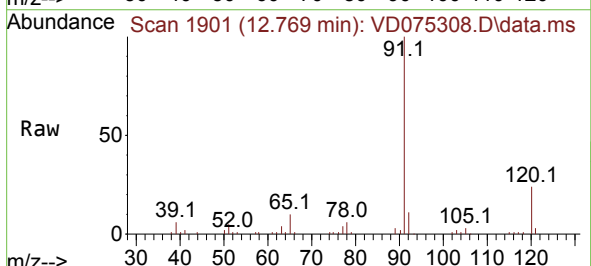
Acq: 10 Feb 2023 14:10

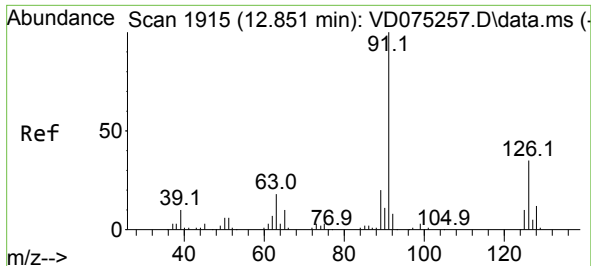
Tgt Ion: 91 Resp: 73348

Ion Ratio Lower Upper

91 100

120 22.2 11.7 35.0

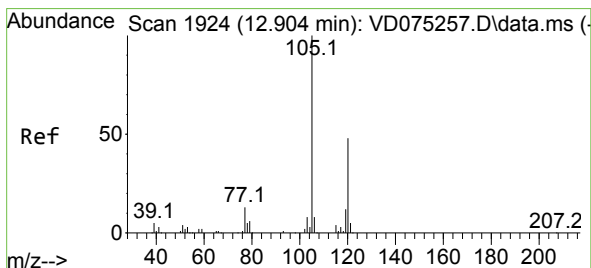
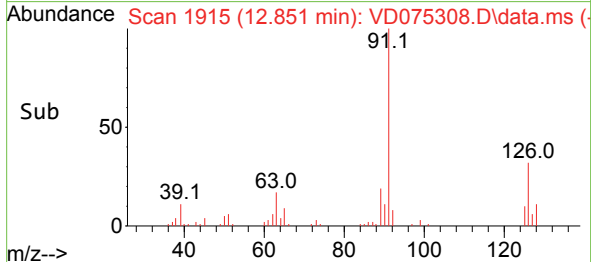
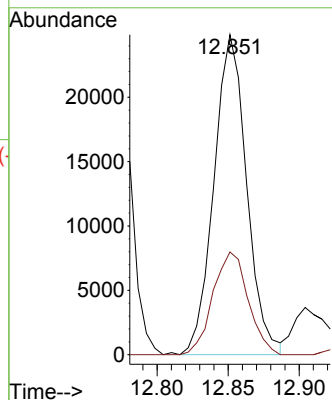
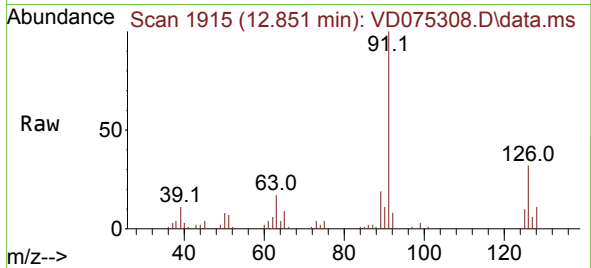




#79
2-Chlorotoluene
Concen: 19.761 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD075308.D
Acq: 10 Feb 2023 14:10

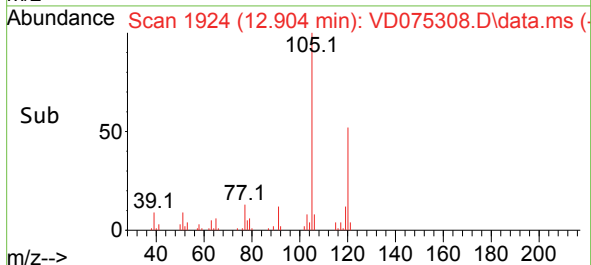
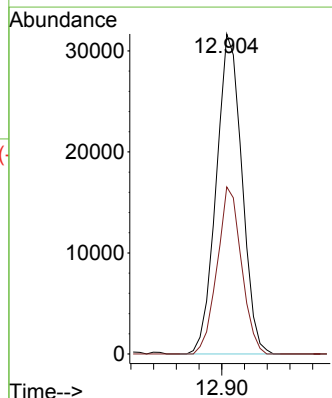
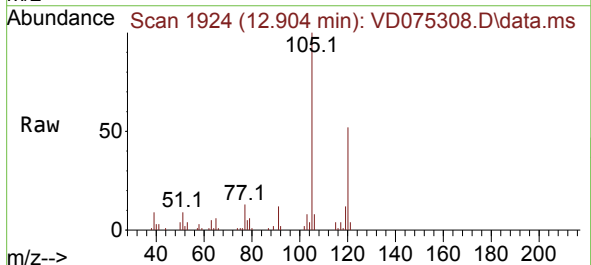
Instrument :
MSVOA_D
ClientSampleId :

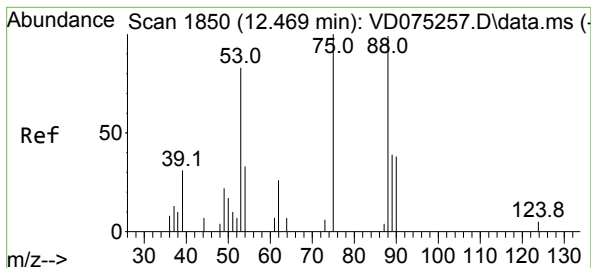
Tgt Ion: 91 Resp: 39864
Ion Ratio Lower Upper
91 100
126 34.5 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 20.183 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD075308.D
Acq: 10 Feb 2023 14:10

Tgt Ion: 105 Resp: 49669
Ion Ratio Lower Upper
105 100
120 49.4 24.6 73.8

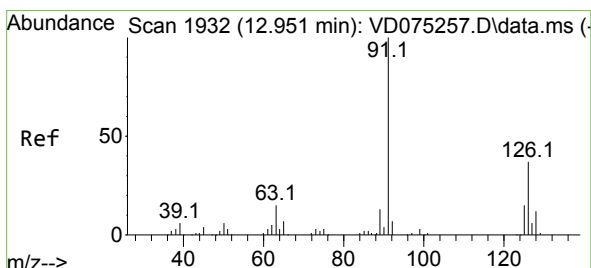
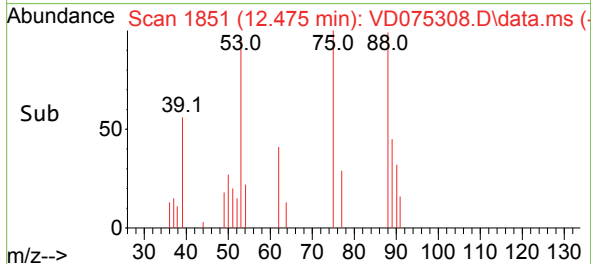
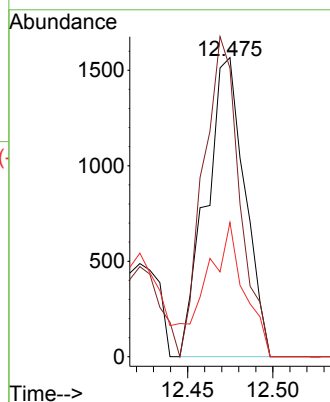
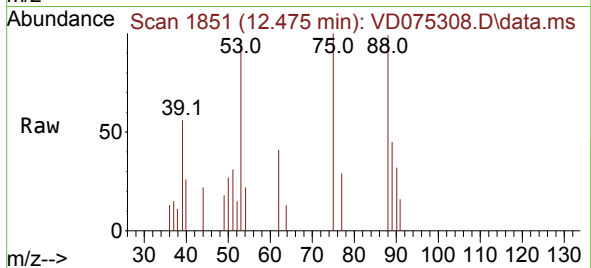




#81
trans-1,4-Dichloro-2-butene
Concen: 20.631 ug/l
RT: 12.475 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VD075308.D
Acq: 10 Feb 2023 14:10

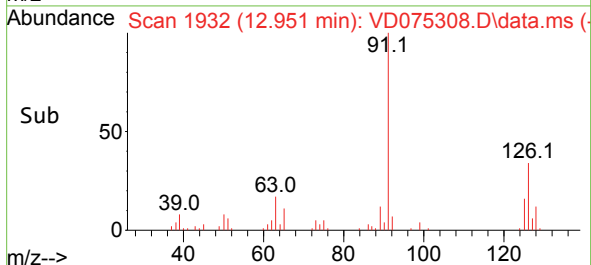
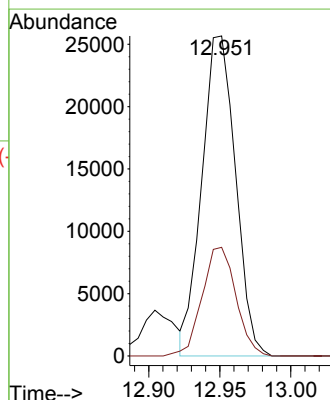
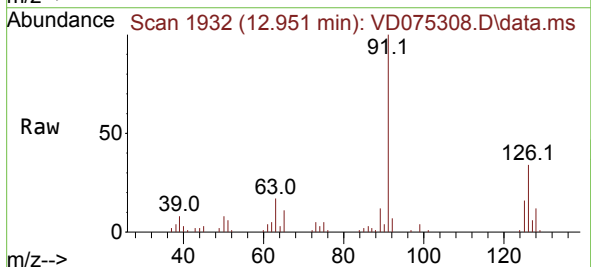
Instrument :
MSVOA_D
ClientSampleId :

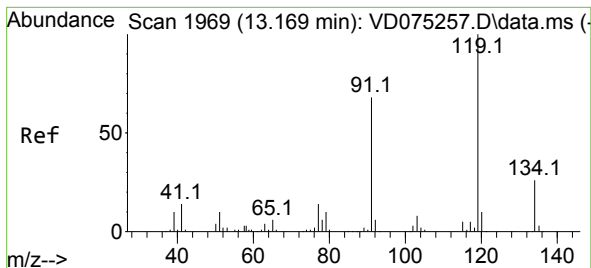
Tgt Ion: 75 Resp: 2470
Ion Ratio Lower Upper
75 100
53 100.7 70.5 105.7
89 40.5 34.6 52.0



#82
4-Chlorotoluene
Concen: 20.143 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.000 min
Lab File: VD075308.D
Acq: 10 Feb 2023 14:10

Tgt Ion: 91 Resp: 42388
Ion Ratio Lower Upper
91 100
126 34.1 17.3 52.0





#83

tert-Butylbenzene

Concen: 19.385 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD075308.D

Acq: 10 Feb 2023 14:10

Instrument :

MSVOA_D

ClientSampleId :

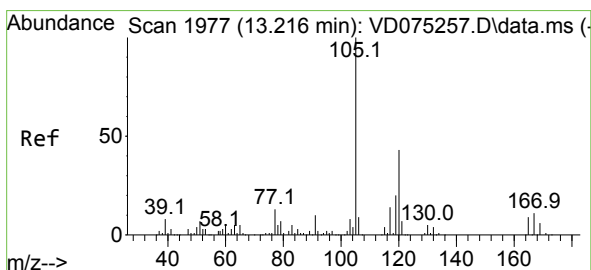
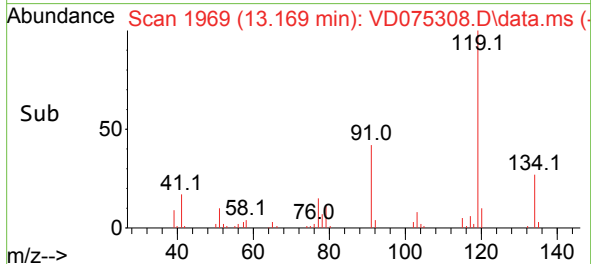
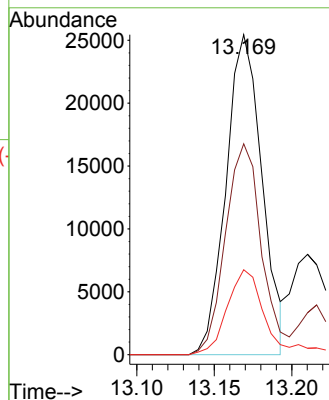
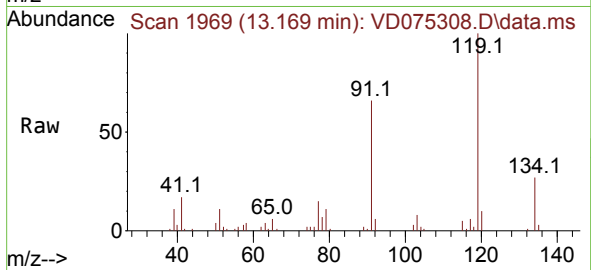
Tgt Ion:119 Resp: 41127

Ion Ratio Lower Upper

119 100

91 66.1 32.9 98.6

134 28.0 13.3 39.8



#84

1,2,4-Trimethylbenzene

Concen: 20.096 ug/l

RT: 13.216 min Scan# 1977

Delta R.T. 0.000 min

Lab File: VD075308.D

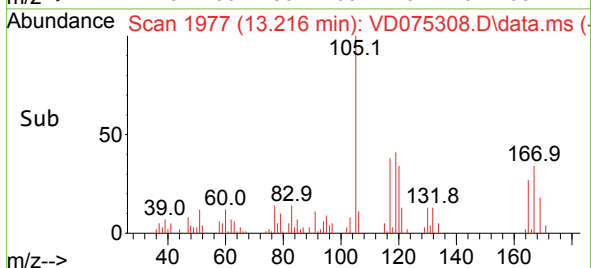
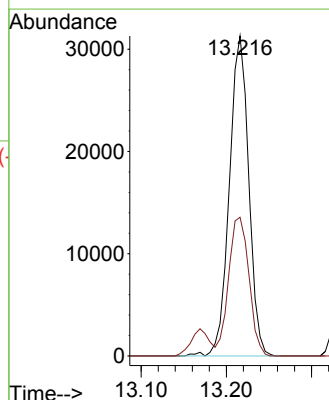
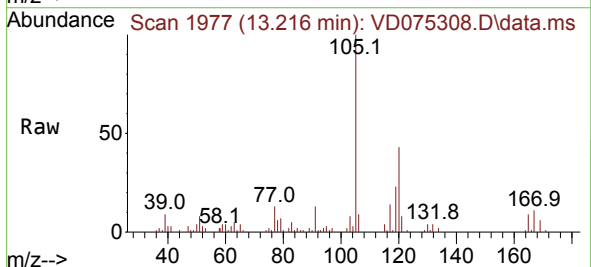
Acq: 10 Feb 2023 14:10

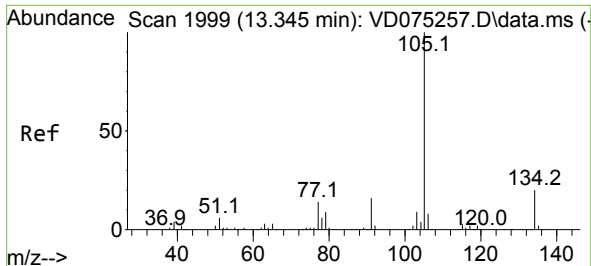
Tgt Ion:105 Resp: 49396

Ion Ratio Lower Upper

105 100

120 45.5 23.2 69.5

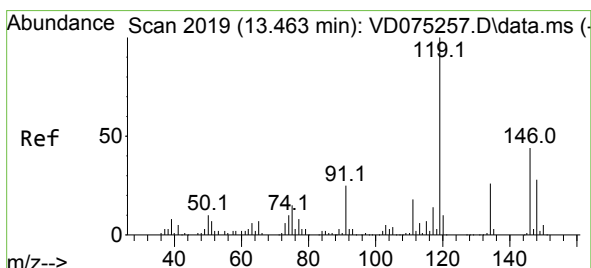
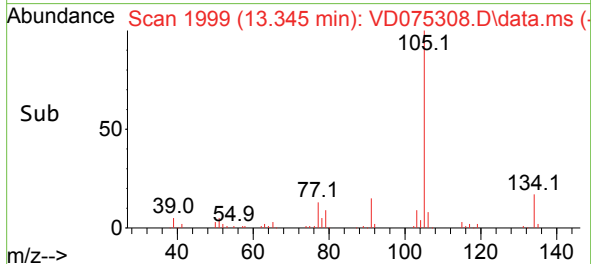
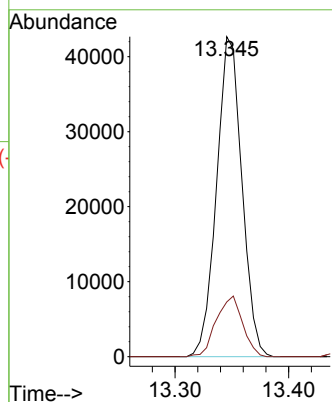
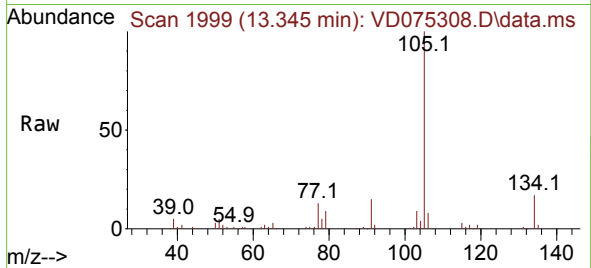




#85
 sec-Butylbenzene
 Concen: 20.292 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD075308.D
 Acq: 10 Feb 2023 14:10

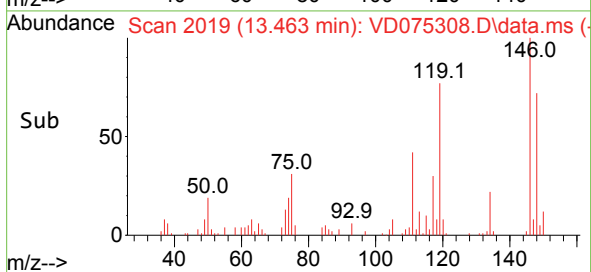
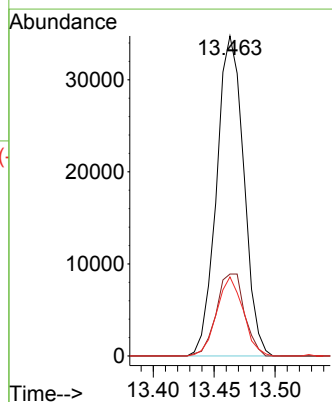
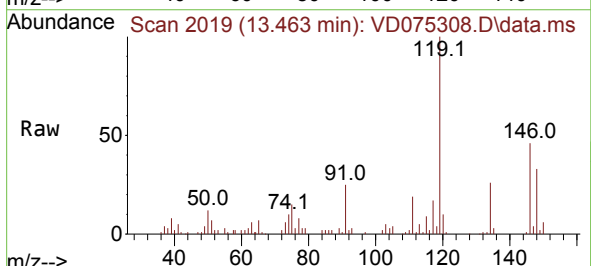
Instrument :
 MSVOA_D
 ClientSampleId :

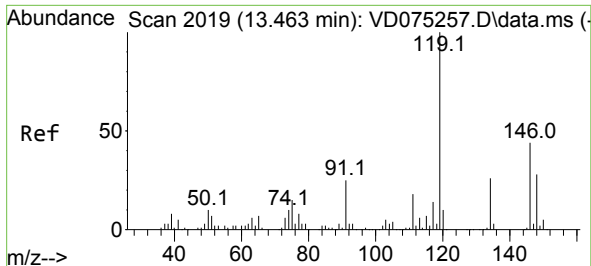
Tgt Ion:105 Resp: 66044
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 20.276 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD075308.D
 Acq: 10 Feb 2023 14:10

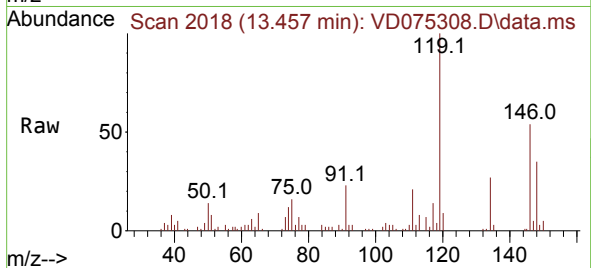
Tgt Ion:119 Resp: 53985
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.8
 91 24.1 11.9 35.5



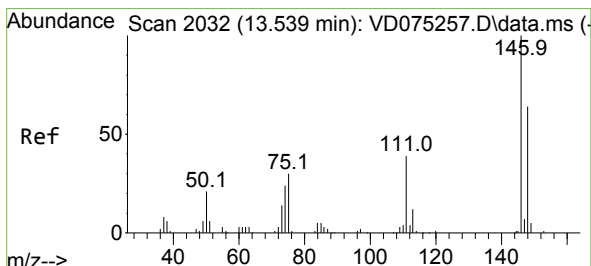
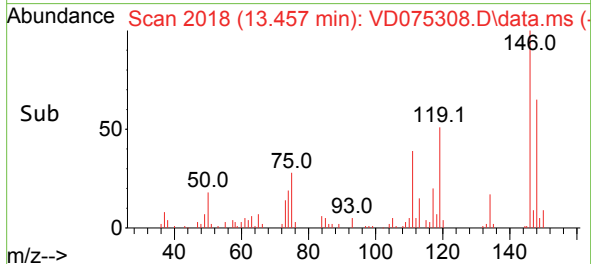
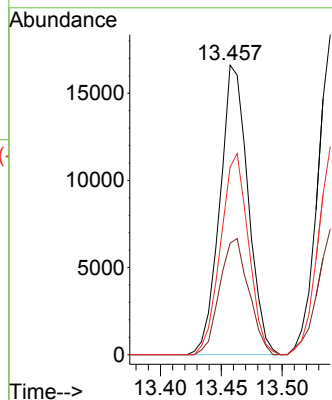


#87
 1,3-Dichlorobenzene
 Concen: 19.831 ug/l
 RT: 13.457 min Scan# 2019
 Delta R.T. -0.006 min
 Lab File: VD075308.D
 Acq: 10 Feb 2023 14:10

Instrument :
 MSVOA_D
 ClientSampleId :

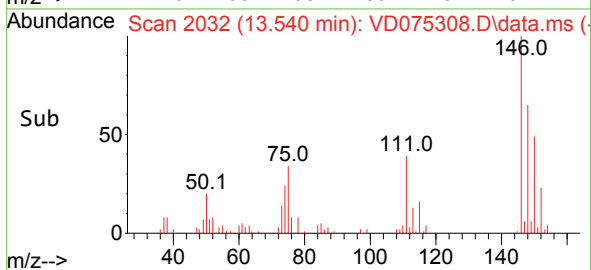
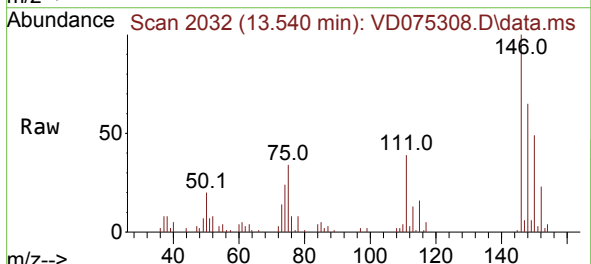
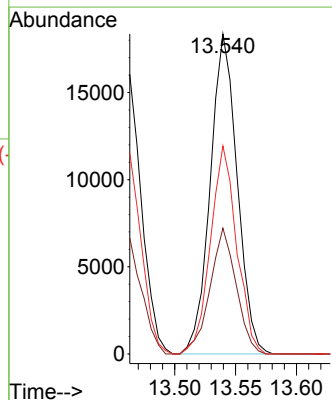


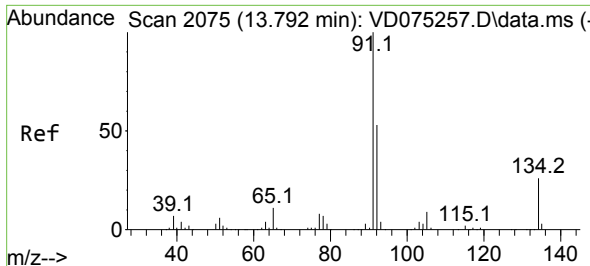
Tgt Ion:146 Resp: 26827
 Ion Ratio Lower Upper
 146 100
 111 41.3 18.9 56.9
 148 68.6 31.1 93.3



#88
 1,4-Dichlorobenzene
 Concen: 20.916 ug/l
 RT: 13.540 min Scan# 2032
 Delta R.T. 0.001 min
 Lab File: VD075308.D
 Acq: 10 Feb 2023 14:10

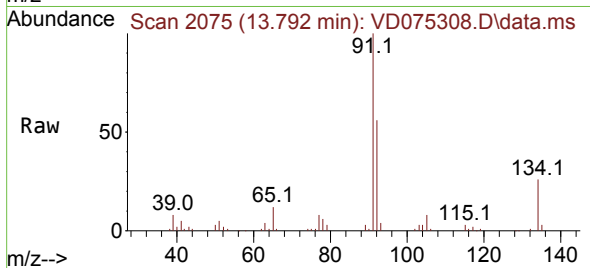
Tgt Ion:146 Resp: 28312
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.7 59.1
 148 63.4 31.9 95.5



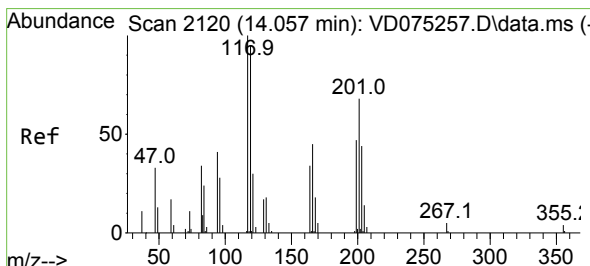
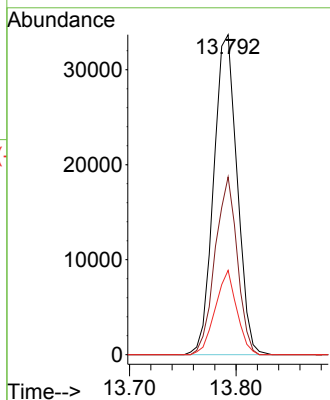
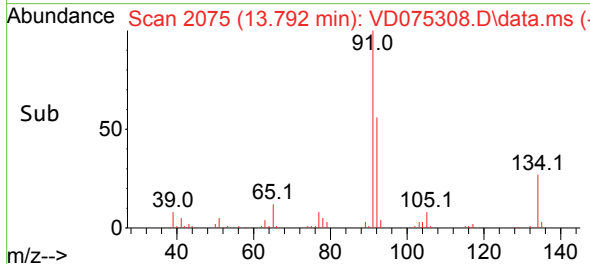


#89
n-Butylbenzene
Concen: 19.759 ug/l
RT: 13.792 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VD075308.D
Acq: 10 Feb 2023 14:10

Instrument :
MSVOA_D
ClientSampleId :

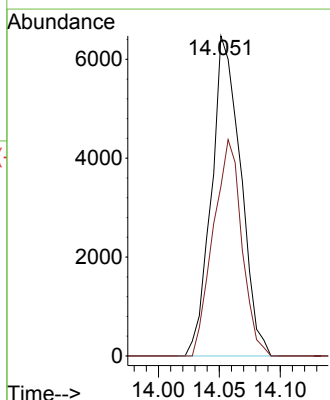
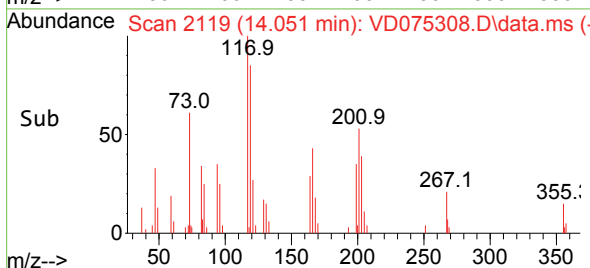
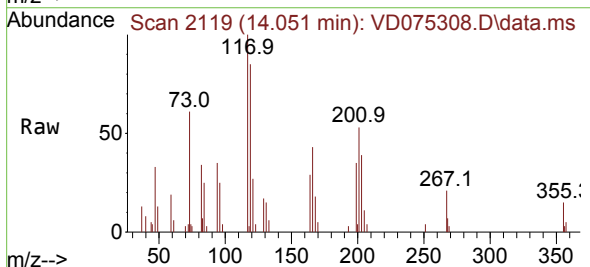


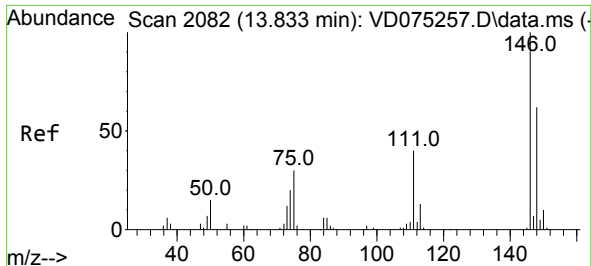
Tgt Ion: 91 Resp: 51359
Ion Ratio Lower Upper
91 100
92 52.5 26.8 80.3
134 24.3 13.3 39.8



#90
Hexachloroethane
Concen: 20.535 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD075308.D
Acq: 10 Feb 2023 14:10

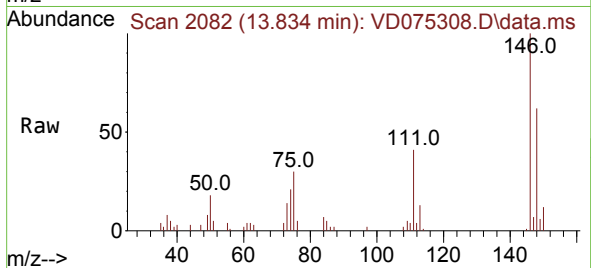
Tgt Ion: 117 Resp: 10779
Ion Ratio Lower Upper
117 100
201 66.2 35.1 105.5



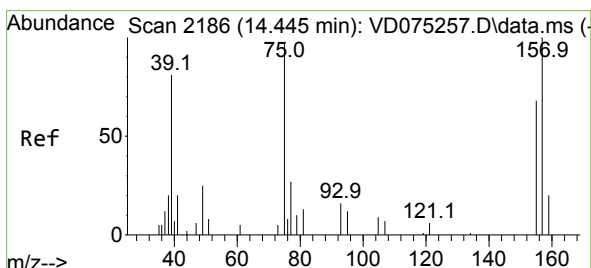
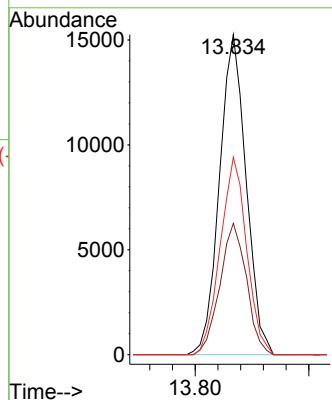
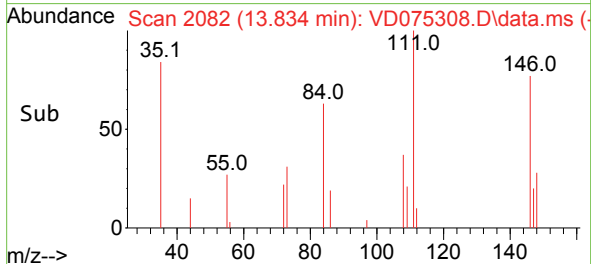


#91
1,2-Dichlorobenzene
Concen: 21.151 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.001 min
Lab File: VD075308.D
Acq: 10 Feb 2023 14:10

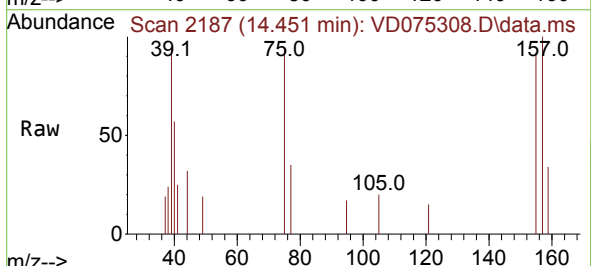
Instrument :
MSVOA_D
ClientSampleId :



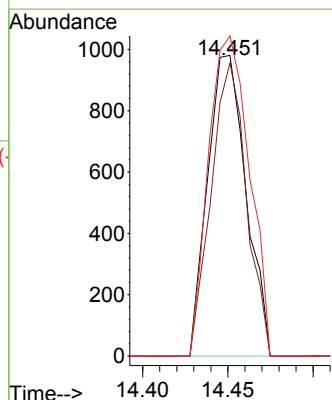
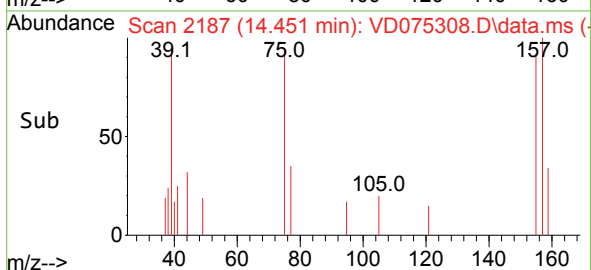
Tgt Ion:146 Resp: 24826
Ion Ratio Lower Upper
146 100
111 41.0 20.4 61.2
148 61.2 31.9 95.5

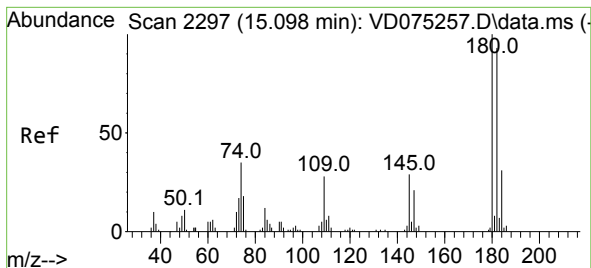


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.259 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VD075308.D
Acq: 10 Feb 2023 14:10



Tgt Ion: 75 Resp: 1536
Ion Ratio Lower Upper
75 100
155 89.5 43.4 130.2
157 113.5 56.4 169.2





#93

1,2,4-Trichlorobenzene

Concen: 20.108 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD075308.D

Acq: 10 Feb 2023 14:10

Instrument :

MSVOA_D

ClientSampleId :

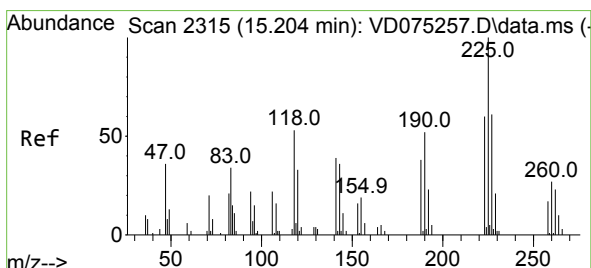
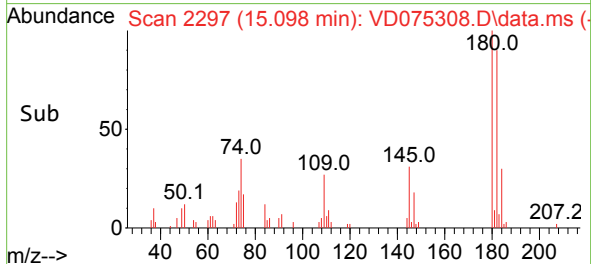
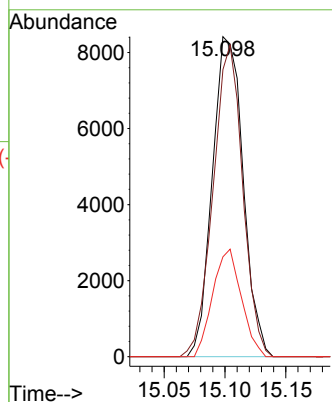
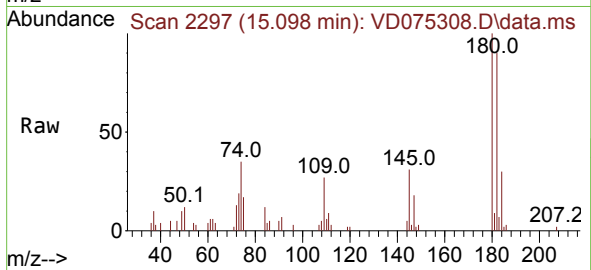
Tgt Ion:180 Resp: 14782

Ion Ratio Lower Upper

180 100

182 93.6 46.2 138.6

145 31.2 15.8 47.4



#94

Hexachlorobutadiene

Concen: 19.877 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD075308.D

Acq: 10 Feb 2023 14:10

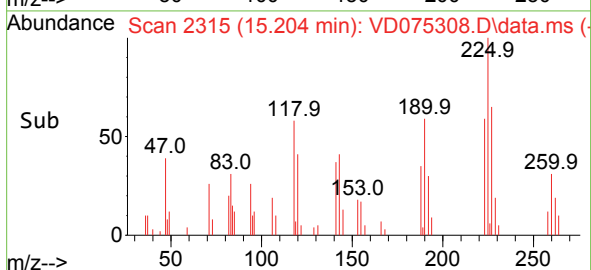
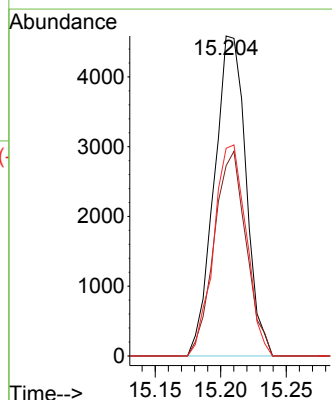
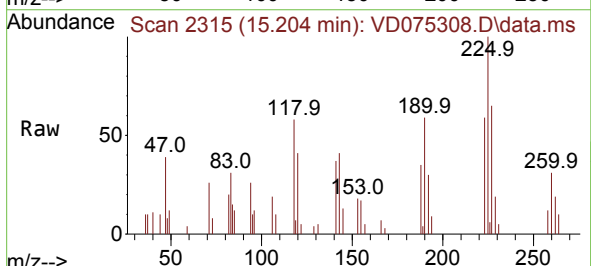
Tgt Ion:225 Resp: 7709

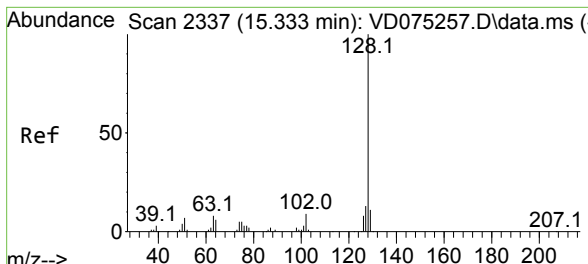
Ion Ratio Lower Upper

225 100

223 64.8 31.8 95.4

227 67.5 30.7 92.1

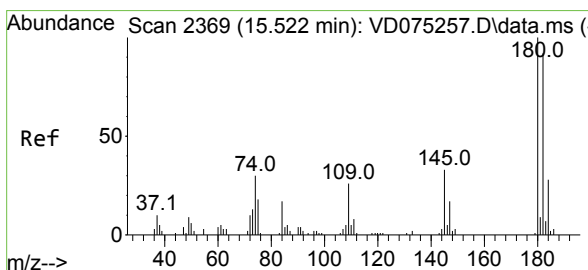
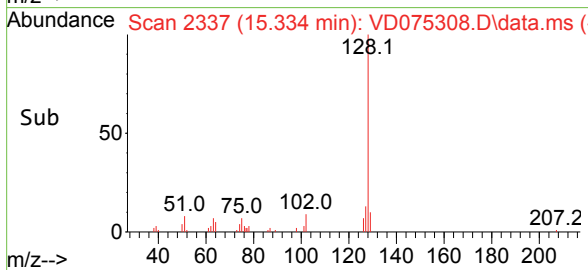
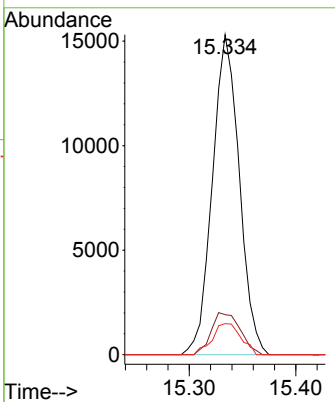
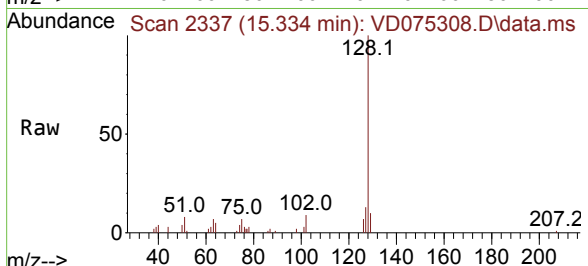




#95
 Naphthalene
 Concen: 19.602 ug/l
 RT: 15.334 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: VD075308.D
 Acq: 10 Feb 2023 14:10

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion:128	Resp:	26820
Ion Ratio	Lower	Upper
128	100	
127	14.2	10.6 15.8
129	10.4	8.7 13.1



#96
 1,2,3-Trichlorobenzene
 Concen: 19.375 ug/l
 RT: 15.528 min Scan# 2370
 Delta R.T. 0.006 min
 Lab File: VD075308.D
 Acq: 10 Feb 2023 14:10

Tgt Ion:180	Resp:	12289
Ion Ratio	Lower	Upper
180	100	
182	98.1	47.0 141.0
145	33.9	16.1 48.3

