

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020923\
 Data File : VD075287.D
 Acq On : 09 Feb 2023 11:35
 Operator : KP/SY
 Sample : VD0209SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0209SBS01

Quant Time: Feb 10 01:59:33 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	48986	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	83843	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	76325	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	38678	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	29689	51.687	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.380%	
35) Dibromofluoromethane	7.804	113	29528	50.226	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.460%	
50) Toluene-d8	10.269	98	109541	49.131	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.260%	
62) 4-Bromofluorobenzene	12.575	95	36056	49.045	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.080%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	10071	23.650	ug/l	93
3) Chloromethane	2.146	50	16359	20.847	ug/l	98
4) Vinyl Chloride	2.281	62	15974	19.601	ug/l	100
5) Bromomethane	2.681	94	10362	19.872	ug/l	97
6) Chloroethane	2.834	64	11188	19.900	ug/l	100
7) Trichlorofluoromethane	3.175	101	20773	20.500	ug/l	91
8) Diethyl Ether	3.593	74	5438	19.963	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.963	101	12021	20.905	ug/l	98
10) Methyl Iodide	4.163	142	12330	19.345	ug/l	95
11) Tert butyl alcohol	5.046	59	1493	36.188	ug/l #	89
12) 1,1-Dichloroethene	3.934	96	11476	20.931	ug/l	95
13) Acrolein	3.793	56	2930	148.355	ug/l	92
14) Allyl chloride	4.557	41	19398	21.265	ug/l	96
15) Acrylonitrile	5.263	53	13210	99.658	ug/l	98
16) Acetone	4.022	43	15075	99.254	ug/l	91
17) Carbon Disulfide	4.275	76	35199	20.810	ug/l	96
18) Methyl Acetate	4.557	43	8557	19.445	ug/l #	89
19) Methyl tert-butyl Ether	5.316	73	26295	20.889	ug/l	91
20) Methylene Chloride	4.804	84	16731	22.872	ug/l #	92
21) trans-1,2-Dichloroethene	5.316	96	12901	20.794	ug/l	95
22) Diisopropyl ether	6.222	45	38307	21.112	ug/l	98
23) Vinyl Acetate	6.157	43	45435	86.400	ug/l	99
24) 1,1-Dichloroethane	6.116	63	23735	20.982	ug/l	99
25) 2-Butanone	7.087	43	17961	95.438	ug/l	98
26) 2,2-Dichloropropane	7.069	77	18738	18.714	ug/l	99
27) cis-1,2-Dichloroethene	7.087	96	15037	21.663	ug/l	99
28) Bromochloromethane	7.434	49	7139	23.163	ug/l #	94
29) Tetrahydrofuran	7.451	42	10270	101.341	ug/l	99
30) Chloroform	7.598	83	25387	21.804	ug/l	96
31) Cyclohexane	7.881	56	19856	19.468	ug/l	99
32) 1,1,1-Trichloroethane	7.793	97	21854	20.983	ug/l	99
36) 1,1-Dichloropropene	8.010	75	17920	19.567	ug/l	97
37) Ethyl Acetate	7.169	43	7946	19.894	ug/l #	92
38) Carbon Tetrachloride	7.987	117	16470	19.408	ug/l	91
39) Methylcyclohexane	9.281	83	20303	19.153	ug/l	94
40) Benzene	8.251	78	53103	20.631	ug/l	98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.398	41	4780	20.062	ug/l	88
42) 1,2-Dichloroethane	8.328	62	15194	20.389	ug/l	99
43) Isopropyl Acetate	8.357	43	14517	19.021	ug/l #	83
44) Trichloroethene	9.028	130	13850	19.520	ug/l	98
45) 1,2-Dichloropropane	9.304	63	13587	20.785	ug/l	92
46) Dibromomethane	9.398	93	7202	19.881	ug/l	97
47) Bromodichloromethane	9.587	83	18074	20.047	ug/l	94
48) Methyl methacrylate	9.381	41	7590	20.941	ug/l	90
49) 1,4-Dioxane	9.387	88	1292	385.461	ug/l	97
51) 4-Methyl-2-Pentanone	10.163	43	37481	97.143	ug/l	95
52) Toluene	10.334	92	33347	20.569	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	15055	19.278	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	18668	19.994	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	9768	21.123	ug/l	93
56) Ethyl methacrylate	10.598	69	10937	20.344	ug/l	97
57) 1,3-Dichloropropane	10.881	76	16223	20.594	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.875	63	14254	101.798	ug/l	100
59) 2-Hexanone	10.922	43	26628	94.464	ug/l	97
60) Dibromochloromethane	11.075	129	12117	21.149	ug/l	97
61) 1,2-Dibromoethane	11.181	107	9155	20.532	ug/l	99
64) Tetrachloroethene	10.810	164	11617	19.762	ug/l	97
65) Chlorobenzene	11.610	112	35837	20.820	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.681	131	12725	20.306	ug/l	98
67) Ethyl Benzene	11.686	91	62714	19.735	ug/l	99
68) m/p-Xylenes	11.792	106	49445	40.905	ug/l	98
69) o-Xylene	12.122	106	23002	20.372	ug/l	97
70) Styrene	12.134	104	39464	20.633	ug/l	100
71) Bromoform	12.304	173	6818	20.255	ug/l #	98
73) Isopropylbenzene	12.422	105	61927	19.764	ug/l	97
74) N-amyl acetate	12.239	43	13173	18.709	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.675	83	11093	20.349	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	12803	29.142	ug/l #	100
77) Bromobenzene	12.704	156	14181	19.987	ug/l	94
78) n-propylbenzene	12.769	91	77514	19.881	ug/l	99
79) 2-Chlorotoluene	12.851	91	42447	19.848	ug/l	99
80) 1,3,5-Trimethylbenzene	12.910	105	52356	20.068	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	2422	19.240	ug/l	93
82) 4-Chlorotoluene	12.951	91	45206	20.264	ug/l	98
83) tert-Butylbenzene	13.169	119	42265	18.791	ug/l	95
84) 1,2,4-Trimethylbenzene	13.216	105	50454	19.362	ug/l	96
85) sec-Butylbenzene	13.345	105	67249	19.490	ug/l	97
86) p-Isopropyltoluene	13.463	119	56167	19.899	ug/l	98
87) 1,3-Dichlorobenzene	13.463	146	29015	20.232	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	29768	20.744	ug/l	98
89) n-Butylbenzene	13.792	91	53240	19.321	ug/l	99
90) Hexachloroethane	14.057	117	10674	19.182	ug/l	100
91) 1,2-Dichlorobenzene	13.833	146	24974	20.070	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	1728	20.437	ug/l	89
93) 1,2,4-Trichlorobenzene	15.104	180	15184	19.484	ug/l	99
94) Hexachlorobutadiene	15.210	225	7705	18.739	ug/l	98
95) Naphthalene	15.333	128	27795	19.162	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	13236	19.685	ug/l	100

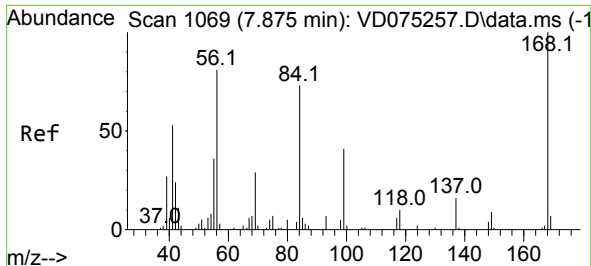
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Response via : Initial Calibration

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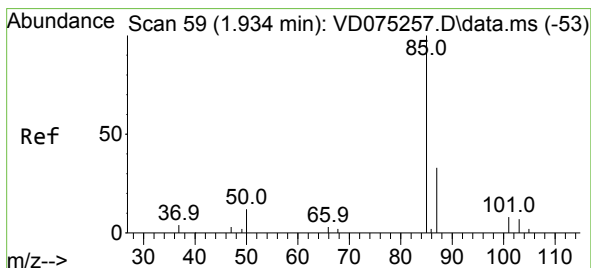
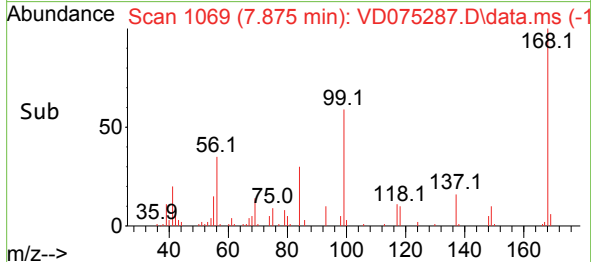
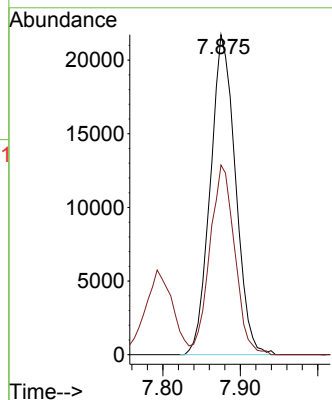
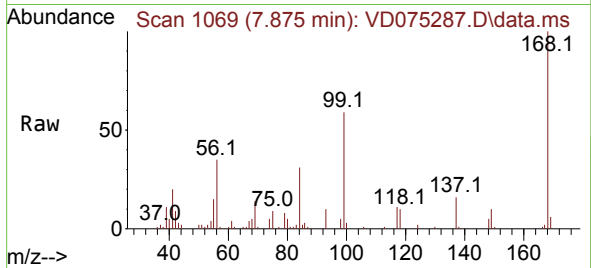
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD075287.D
Acq: 09 Feb 2023 11:35

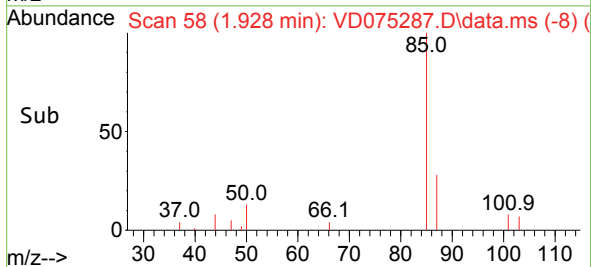
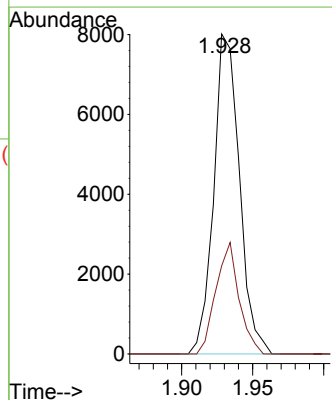
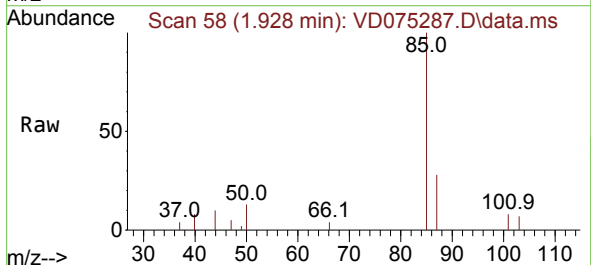
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ClientSampleId :
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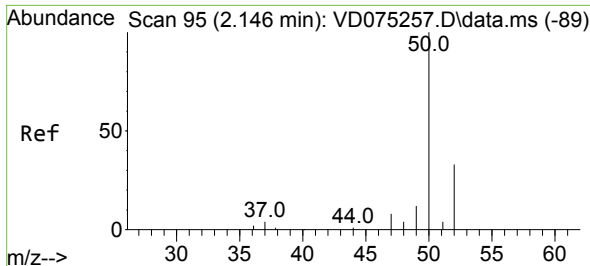
Tgt Ion:168 Resp: 48986
Ion Ratio Lower Upper
168 100
99 59.3 45.2 67.8



#2
Dichlorodifluoromethane
Concen: 23.650 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.006 min
Lab File: VD075287.D
Acq: 09 Feb 2023 11:35

Tgt Ion: 85 Resp: 10071
Ion Ratio Lower Upper
85 100
87 27.5 15.7 47.0

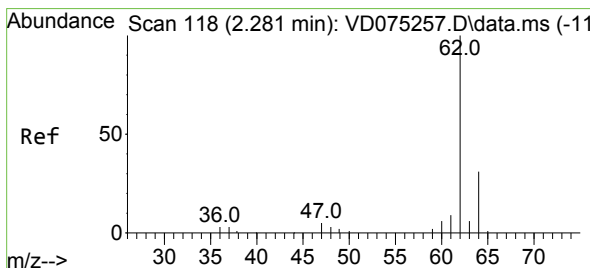
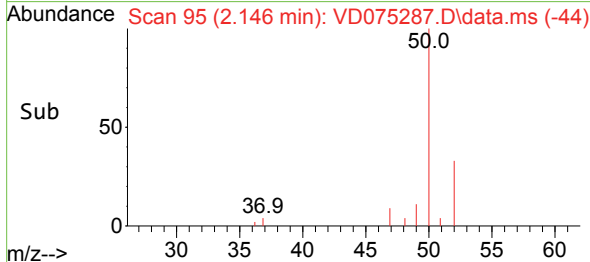
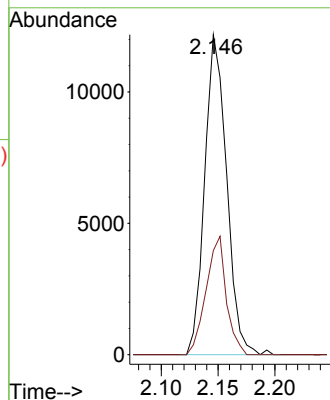
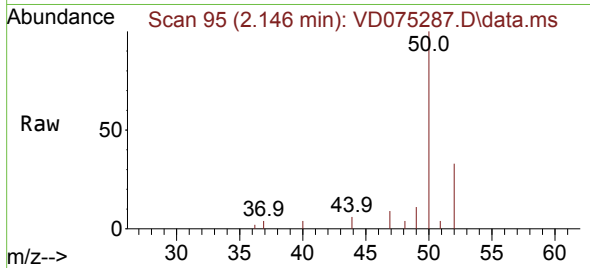




#3
Chloromethane
Concen: 20.847 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075287.D
Acq: 09 Feb 2023 11:35

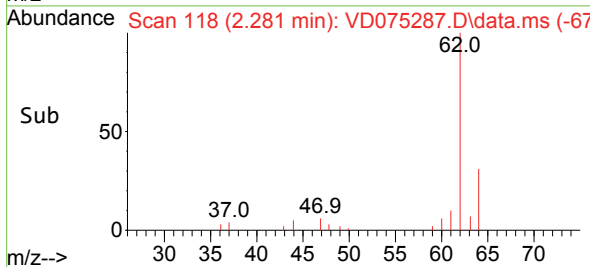
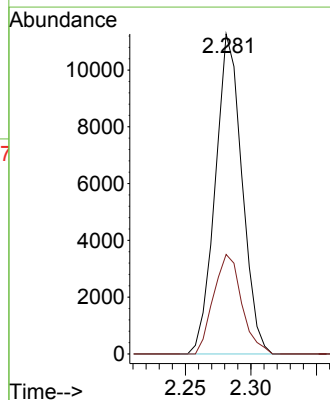
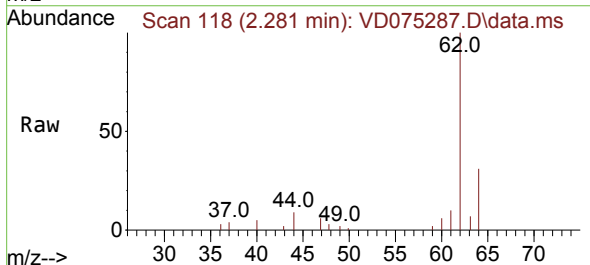
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBSD01

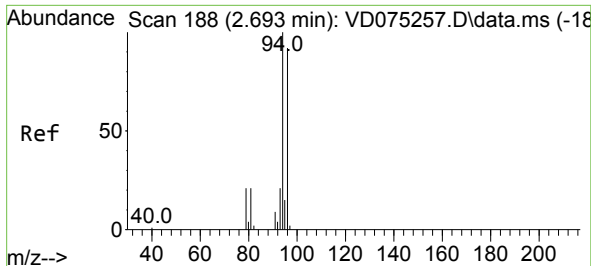
Tgt Ion: 50 Resp: 16359
Ion Ratio Lower Upper
50 100
52 32.5 27.0 40.6



#4
Vinyl Chloride
Concen: 19.601 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD075287.D
Acq: 09 Feb 2023 11:35

Tgt Ion: 62 Resp: 15974
Ion Ratio Lower Upper
62 100
64 31.1 24.8 37.2

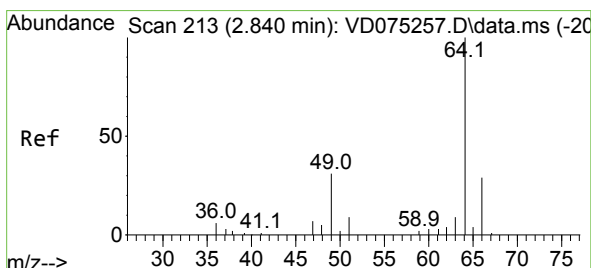
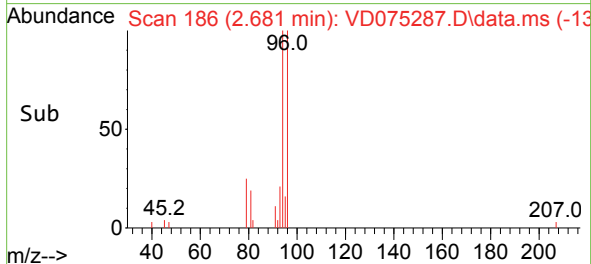
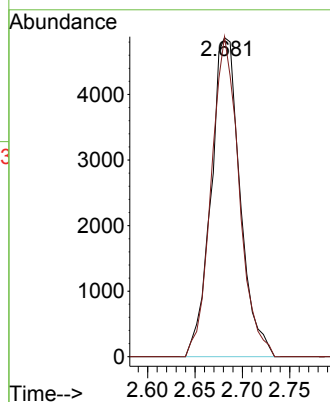
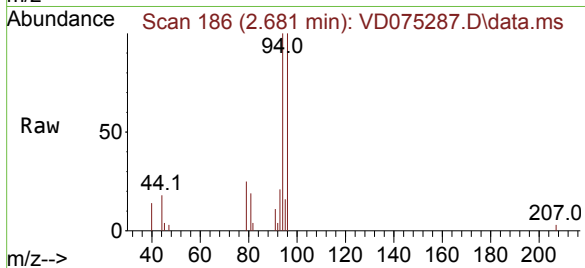




#5
Bromomethane
Concen: 19.872 ug/l
RT: 2.681 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD075287.D
Acq: 09 Feb 2023 11:35

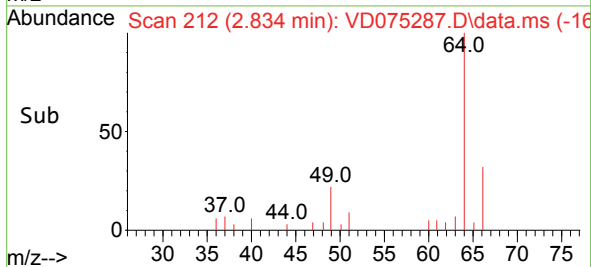
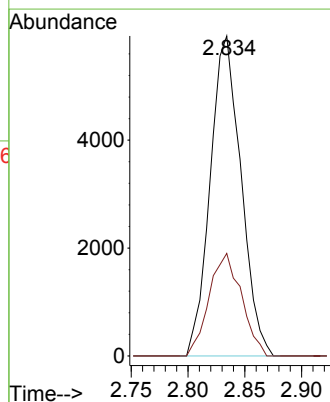
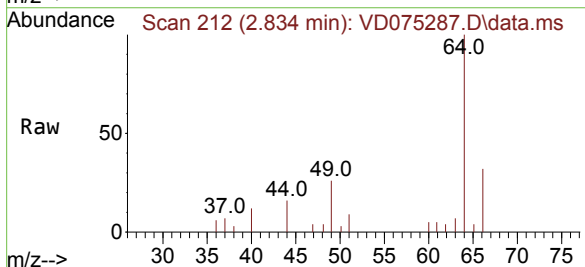
Instrument :
MSVOA_D
ClientSampleId :
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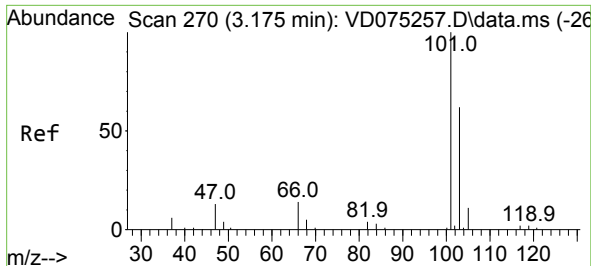
Tgt Ion: 94 Resp: 10362
Ion Ratio Lower Upper
94 100
96 96.5 74.8 112.2



#6
Chloroethane
Concen: 19.900 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD075287.D
Acq: 09 Feb 2023 11:35

Tgt Ion: 64 Resp: 11188
Ion Ratio Lower Upper
64 100
66 32.0 25.4 38.2

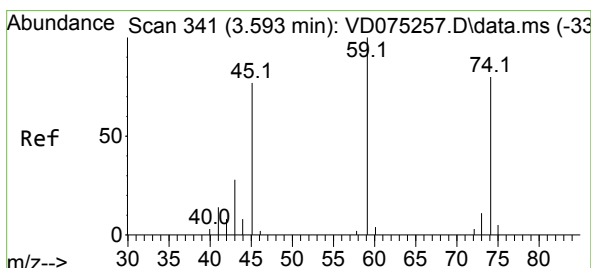
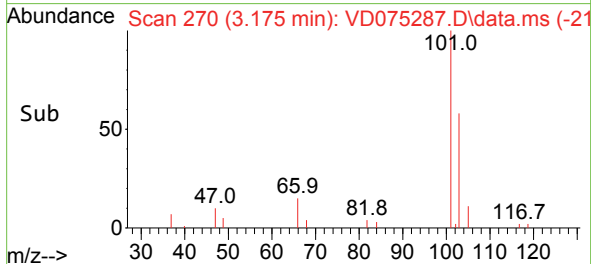
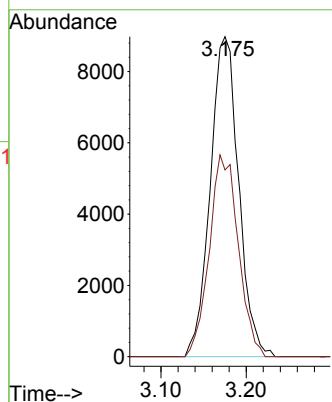
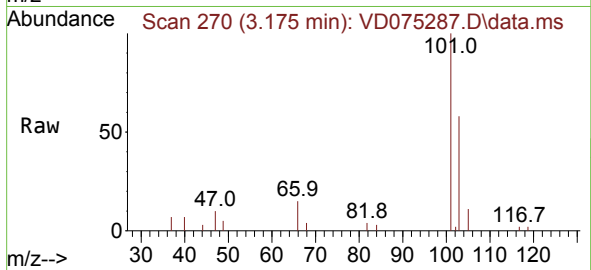




#7
 Trichlorofluoromethane
 Concen: 20.500 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD075287.D
 Acq: 09 Feb 2023 11:35

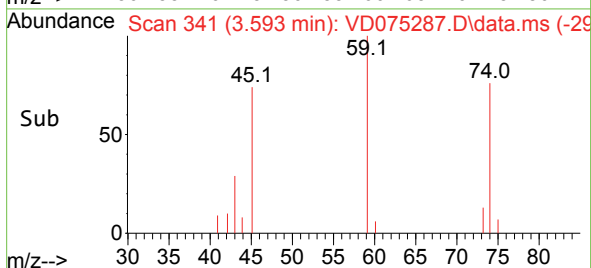
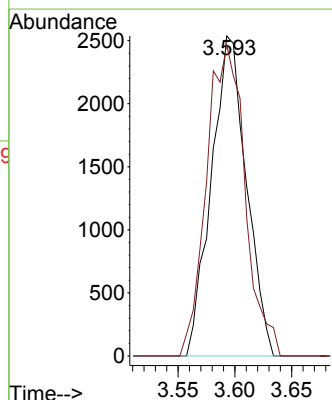
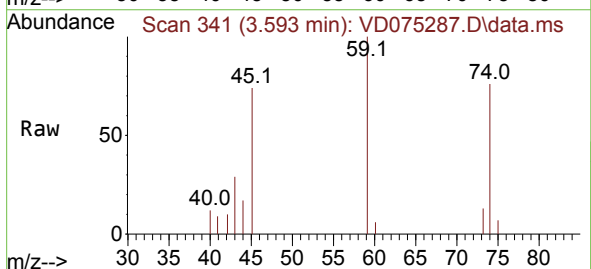
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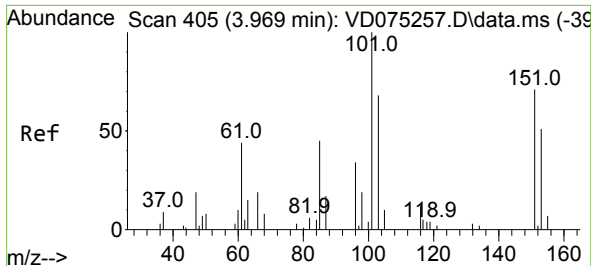
Tgt Ion:101 Resp: 20773
 Ion Ratio Lower Upper
 101 100
 103 58.4 52.2 78.4



#8
 Diethyl Ether
 Concen: 19.963 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VD075287.D
 Acq: 09 Feb 2023 11:35

Tgt Ion: 74 Resp: 5438
 Ion Ratio Lower Upper
 74 100
 45 106.6 49.8 149.3

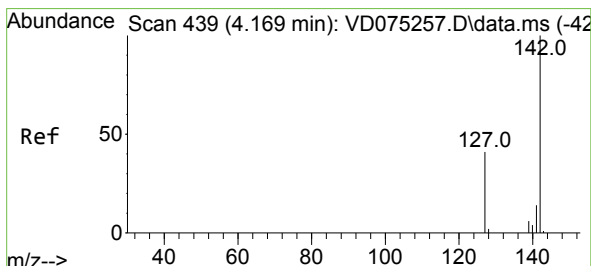
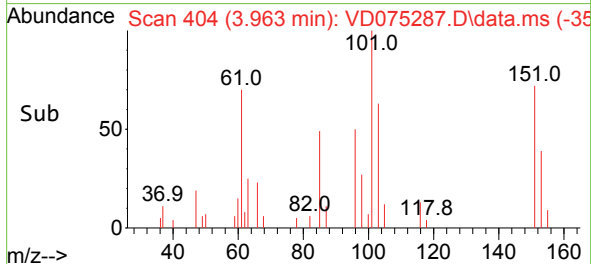
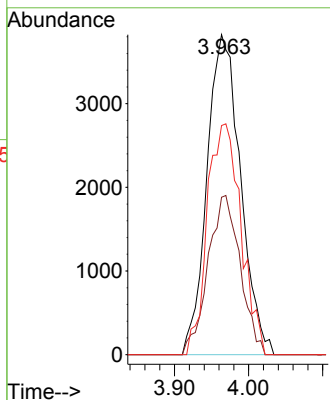
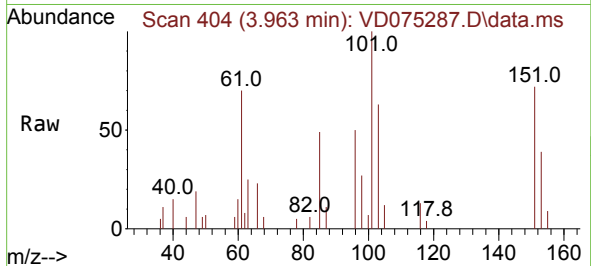




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.905 ug/l
RT: 3.963 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD075287.D
Acq: 09 Feb 2023 11:35

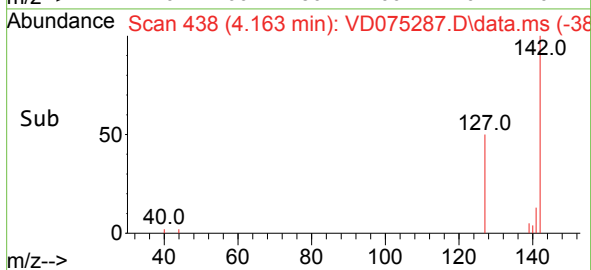
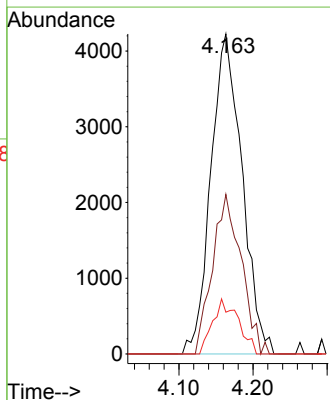
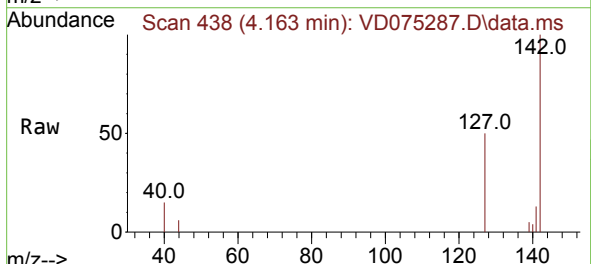
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

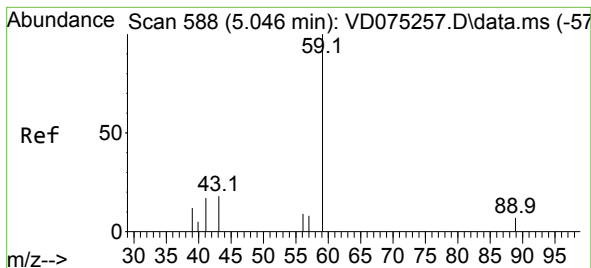
Tgt Ion:101 Resp: 12021
Ion Ratio Lower Upper
101 100
85 47.7 36.9 55.3
151 72.5 58.9 88.3



#10
Methyl Iodide
Concen: 19.345 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.006 min
Lab File: VD075287.D
Acq: 09 Feb 2023 11:35

Tgt Ion:142 Resp: 12330
Ion Ratio Lower Upper
142 100
127 46.1 33.6 50.4
141 14.1 11.1 16.7





#11

Tert butyl alcohol

Concen: 36.188 ug/l

RT: 5.046 min Scan# 51

Delta R.T. -0.000 min

Lab File: VD075287.D

Acq: 09 Feb 2023 11:35

Instrument :

MSVOA_D

ClientSampleId :

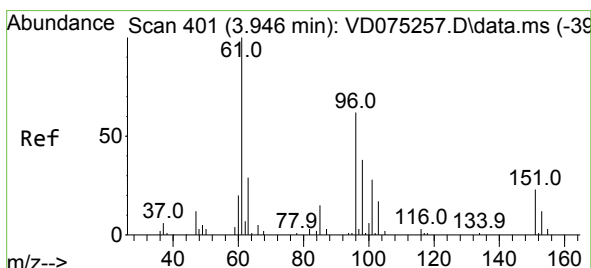
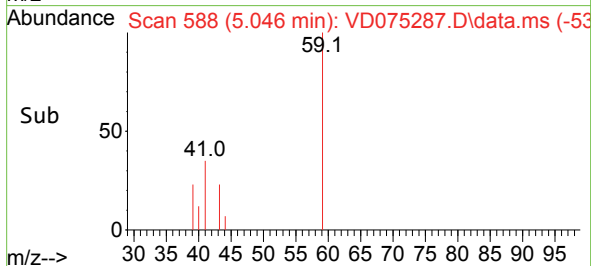
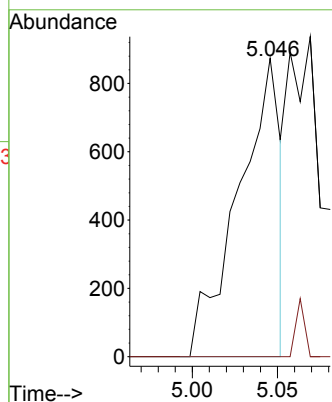
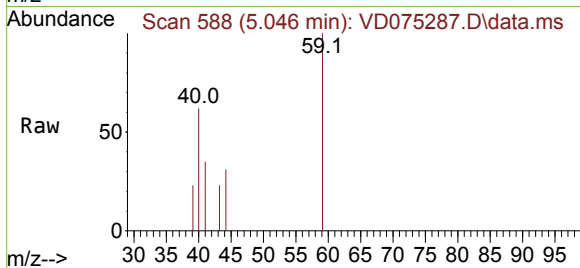
VD0209SBS01

Tgt Ion: 59 Resp: 1493

Ion Ratio Lower Upper

59 100

57 0.0 2.9 4.3#



#12

1,1-Dichloroethene

Concen: 20.931 ug/l

RT: 3.934 min Scan# 399

Delta R.T. -0.012 min

Lab File: VD075287.D

Acq: 09 Feb 2023 11:35

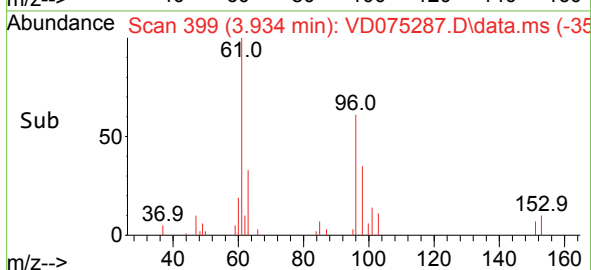
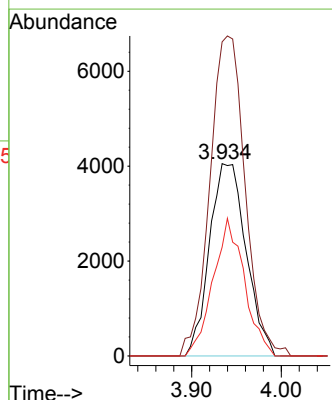
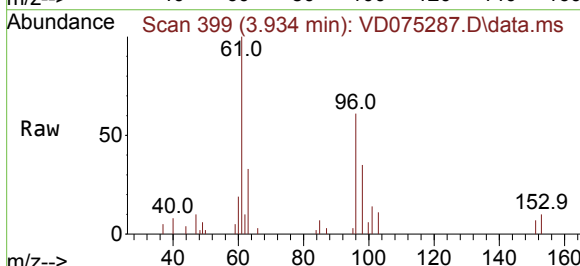
Tgt Ion: 96 Resp: 11476

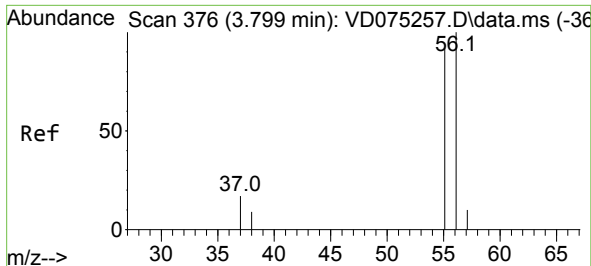
Ion Ratio Lower Upper

96 100

61 163.2 126.8 190.2

98 56.6 50.4 75.6





#13

Acrolein

Concen: 148.355 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD075287.D

Acq: 09 Feb 2023 11:35

Instrument :

MSVOA_D

ClientSampleId :

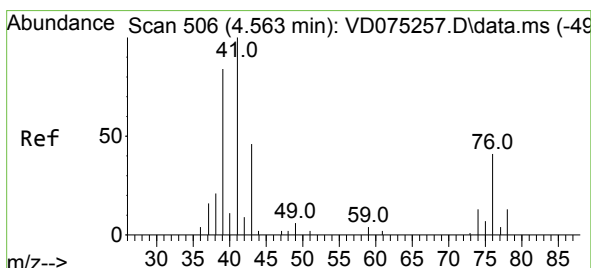
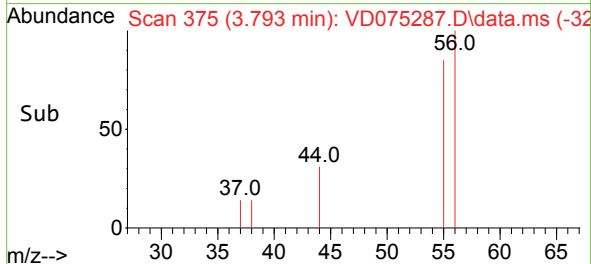
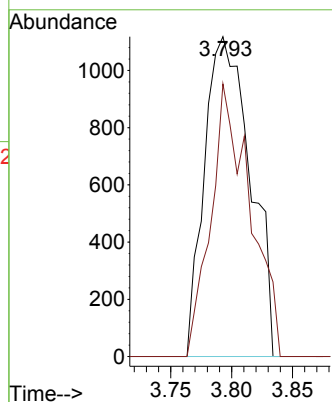
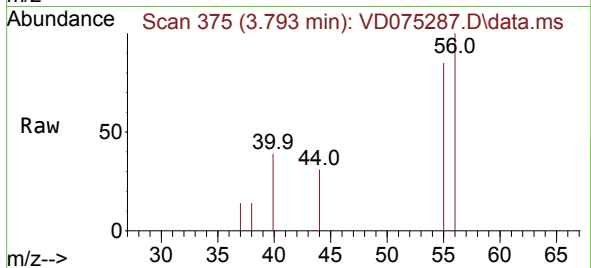
VD0209SBS01

Tgt Ion: 56 Resp: 2930

Ion Ratio Lower Upper

56 100

55 73.0 53.0 79.6



#14

Allyl chloride

Concen: 21.265 ug/l

RT: 4.557 min Scan# 505

Delta R.T. -0.006 min

Lab File: VD075287.D

Acq: 09 Feb 2023 11:35

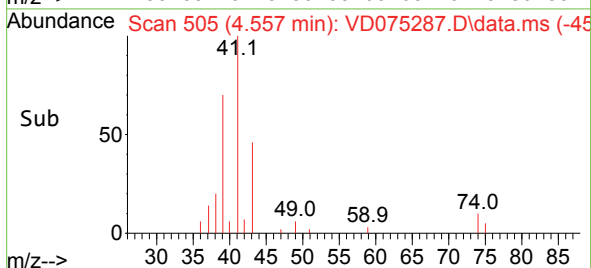
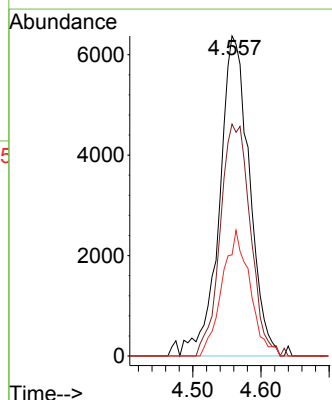
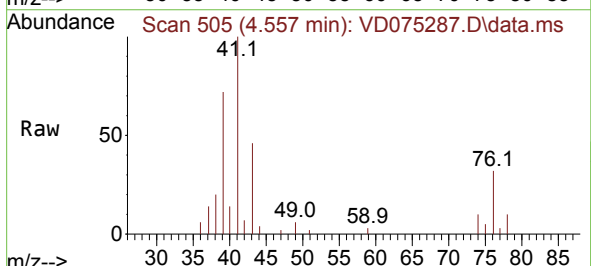
Tgt Ion: 41 Resp: 19398

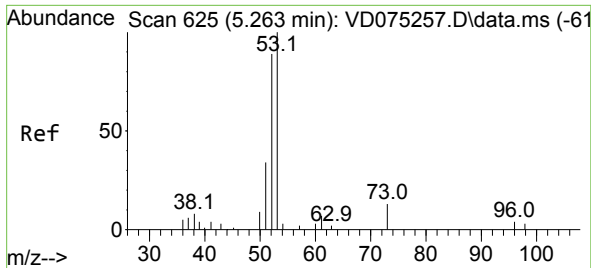
Ion Ratio Lower Upper

41 100

39 73.4 55.4 83.0

76 36.7 30.2 45.2

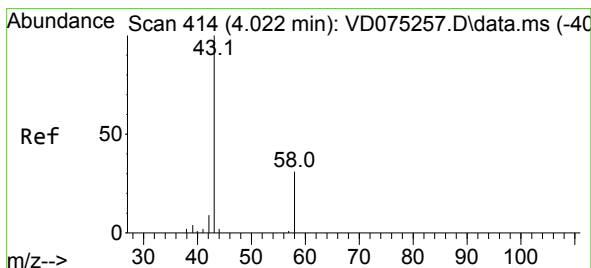
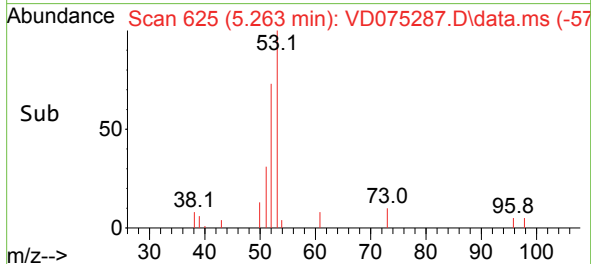
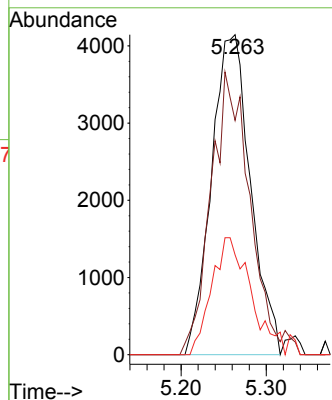
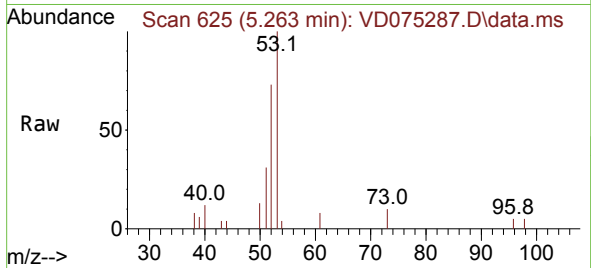




#15
Acrylonitrile
Concen: 99.658 ug/l
RT: 5.263 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD075287.D
Acq: 09 Feb 2023 11:35

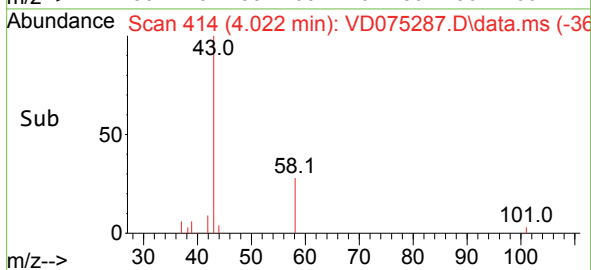
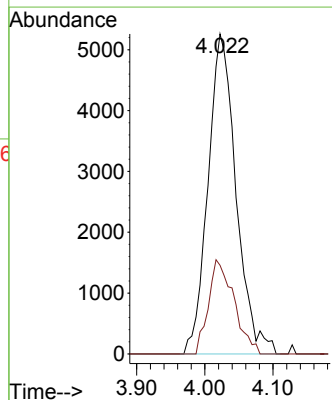
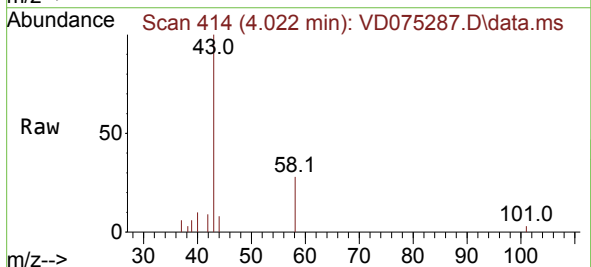
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBSD01

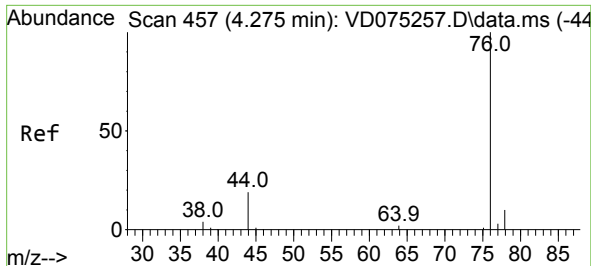
Tgt Ion: 53	Resp:	13210	
Ion	Ratio	Lower	Upper
53	100		
52	86.4	67.0	100.6
51	36.7	30.1	45.1



#16
Acetone
Concen: 99.254 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075287.D
Acq: 09 Feb 2023 11:35

Tgt Ion: 43	Resp: 15075
Ion Ratio	Lower Upper
43 100	
58 27.7	26.0 39.0

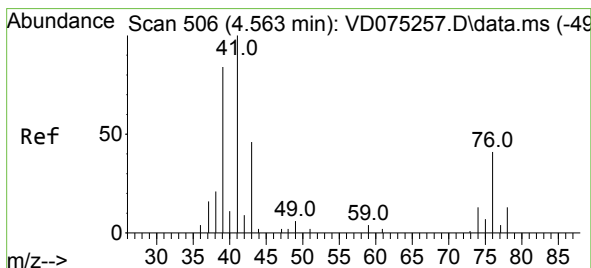
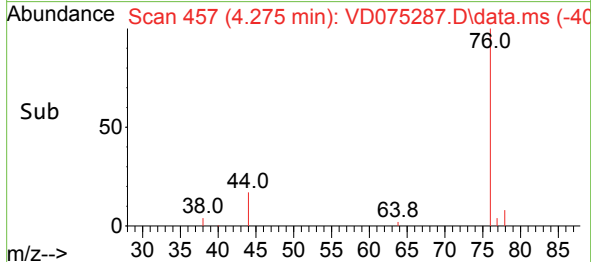
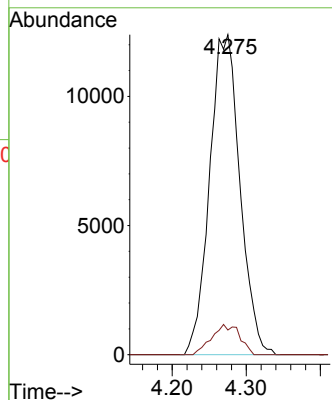
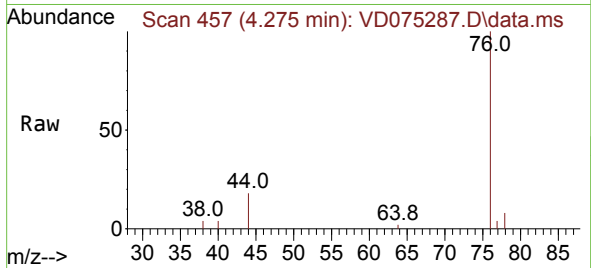




#17
Carbon Disulfide
Concen: 20.810 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD075287.D
Acq: 09 Feb 2023 11:35

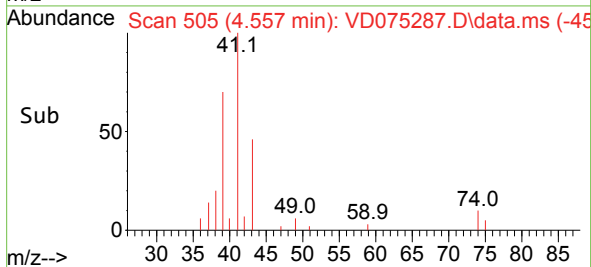
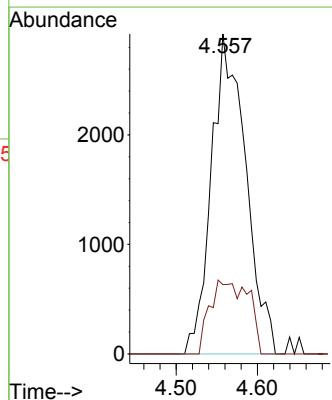
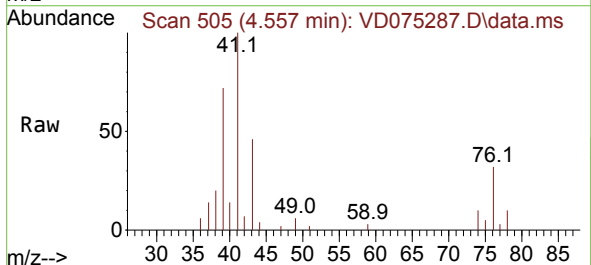
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBSD01

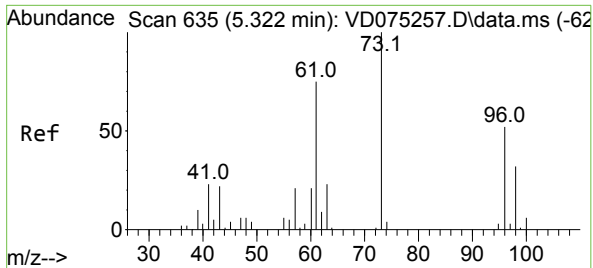
Tgt Ion: 76 Resp: 35199
Ion Ratio Lower Upper
76 100
78 7.7 7.4 11.0



#18
Methyl Acetate
Concen: 19.445 ug/l
RT: 4.557 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD075287.D
Acq: 09 Feb 2023 11:35

Tgt Ion: 43 Resp: 8557
Ion Ratio Lower Upper
43 100
74 17.6 18.5 27.7#

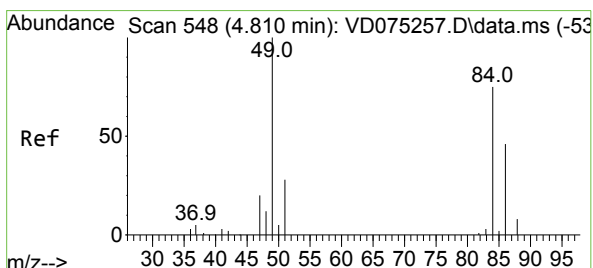
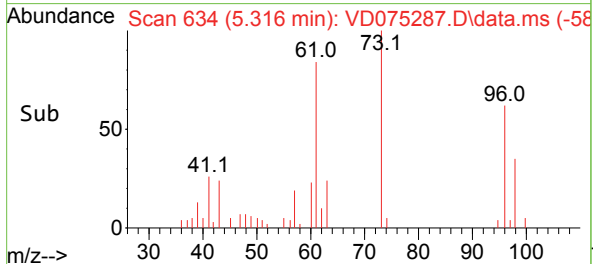
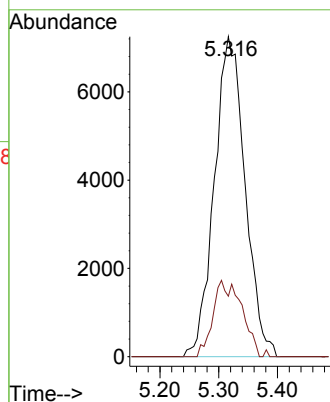
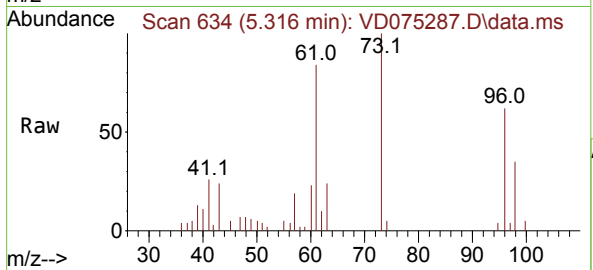




#19
Methyl tert-butyl Ether
Concen: 20.889 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD075287.D
Acq: 09 Feb 2023 11:35

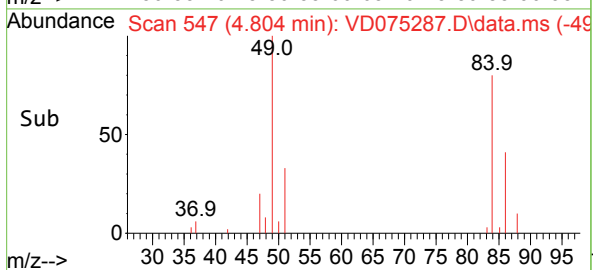
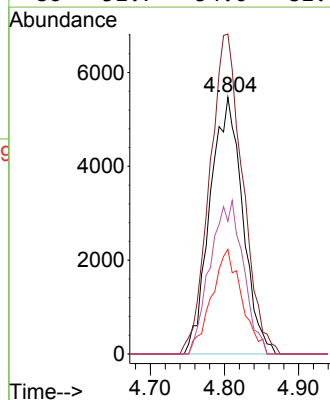
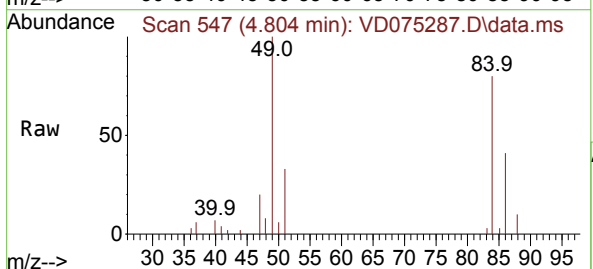
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

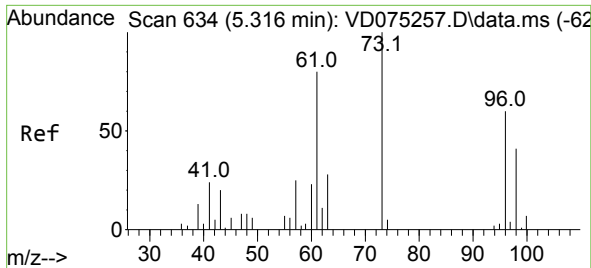
Tgt Ion: 73 Resp: 26295
Ion Ratio Lower Upper
73 100
57 18.9 18.5 27.7



#20
Methylene Chloride
Concen: 22.872 ug/l
RT: 4.804 min Scan# 547
Delta R.T. -0.006 min
Lab File: VD075287.D
Acq: 09 Feb 2023 11:35

Tgt Ion: 84 Resp: 16731
Ion Ratio Lower Upper
84 100
49 124.6 97.0 145.6
51 40.7 30.9 46.3
86 51.7 54.0 81.0#

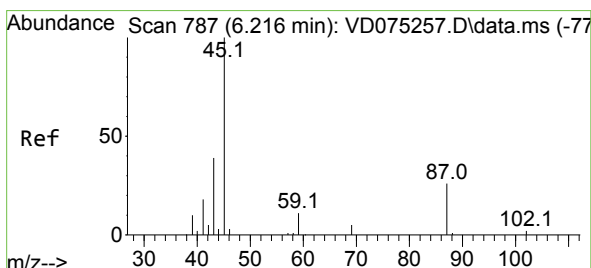
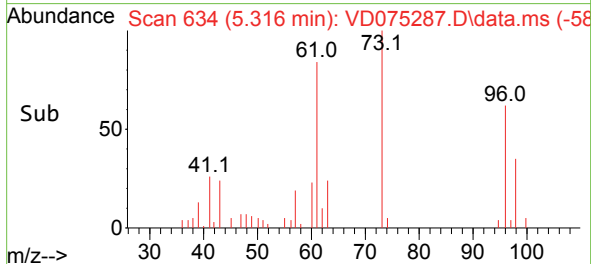
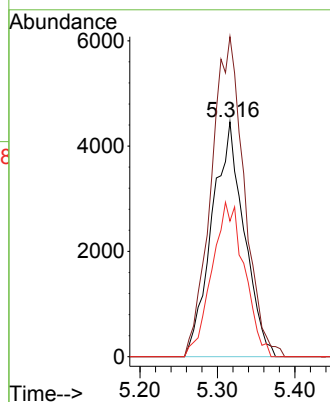
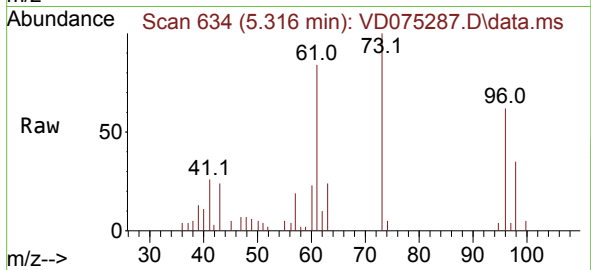




#21
trans-1,2-Dichloroethene
Concen: 20.794 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD075287.D
Acq: 09 Feb 2023 11:35

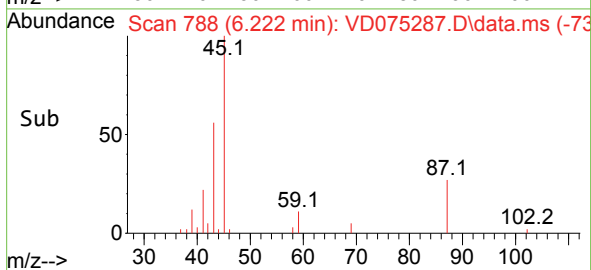
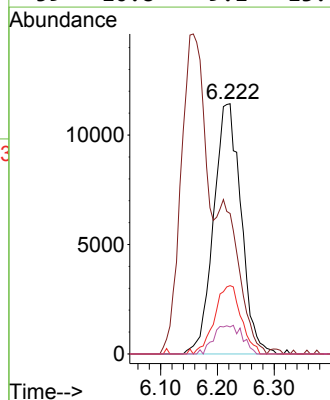
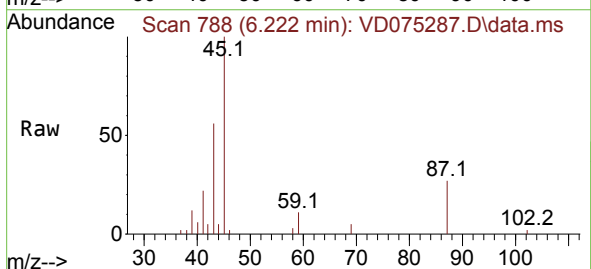
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBSD01

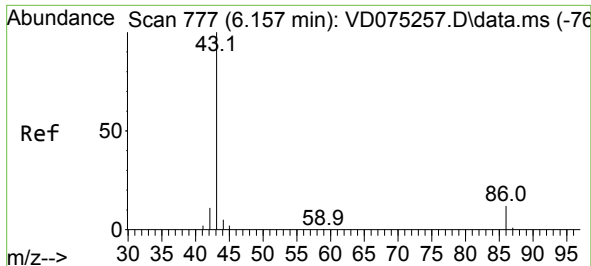
Tgt Ion: 96 Resp: 12901
Ion Ratio Lower Upper
96 100
61 136.2 105.7 158.5
98 57.7 50.4 75.6



#22
Diisopropyl ether
Concen: 21.112 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD075287.D
Acq: 09 Feb 2023 11:35

Tgt Ion: 45 Resp: 38307
Ion Ratio Lower Upper
45 100
43 54.7 45.3 67.9
87 27.3 22.1 33.1
59 10.8 9.1 13.7

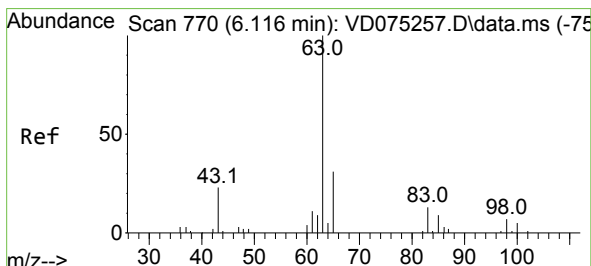
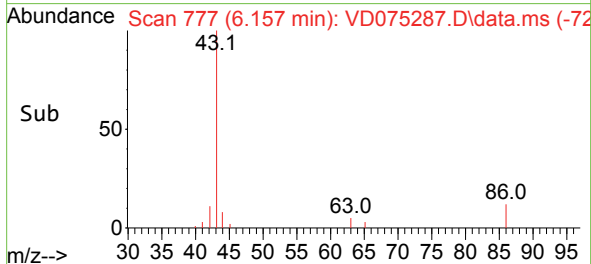
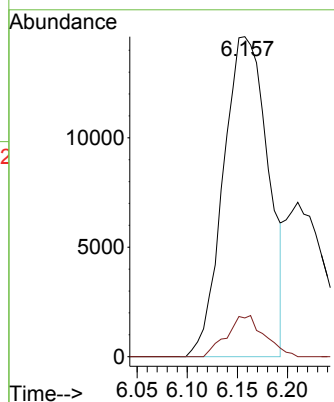
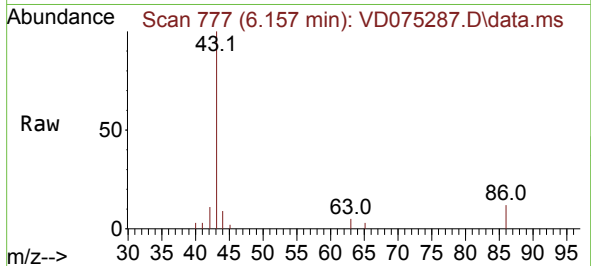




#23
 Vinyl Acetate
 Concen: 86.400 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD075287.D
 Acq: 09 Feb 2023 11:35

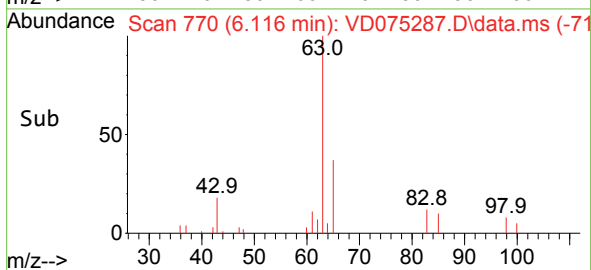
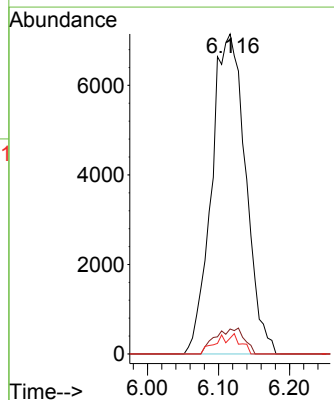
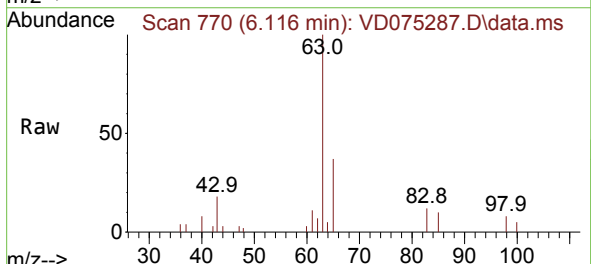
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0209SBS01

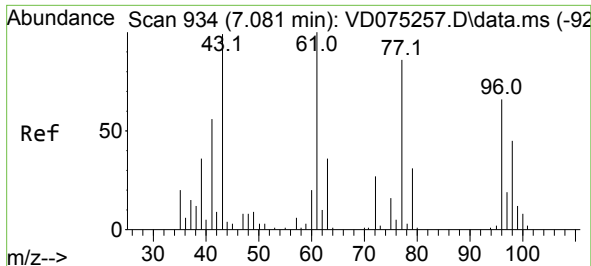
Tgt Ion: 43 Resp: 45435
 Ion Ratio Lower Upper
 43 100
 86 12.1 9.3 13.9



#24
 1,1-Dichloroethane
 Concen: 20.982 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD075287.D
 Acq: 09 Feb 2023 11:35

Tgt Ion: 63 Resp: 23735
 Ion Ratio Lower Upper
 63 100
 98 7.8 4.0 12.2
 100 5.0 2.5 7.4





#25

2-Butanone

Concen: 95.438 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD075287.D

Acq: 09 Feb 2023 11:35

Instrument :

MSVOA_D

ClientSampleId :

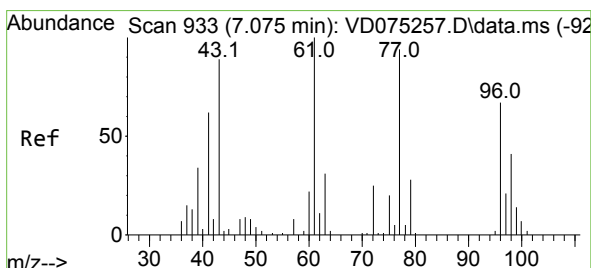
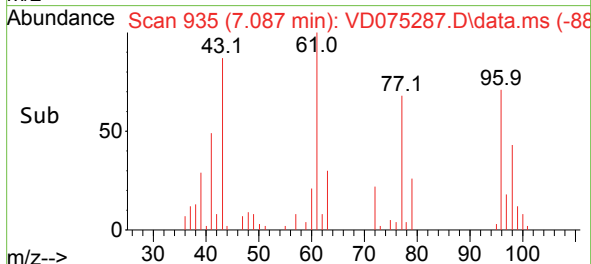
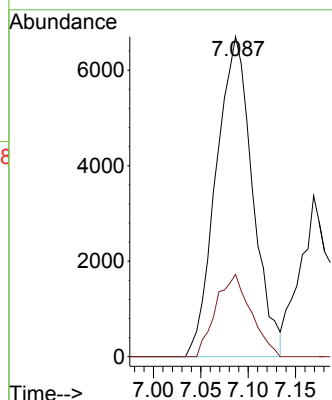
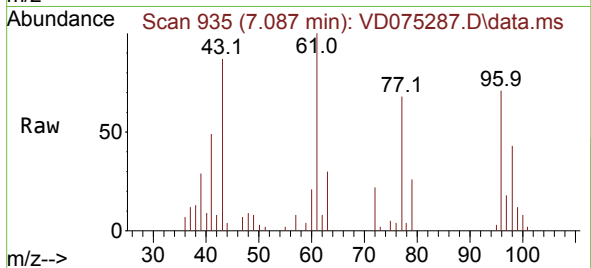
VD0209SBSD01

Tgt Ion: 43 Resp: 17961

Ion Ratio Lower Upper

43 100

72 25.7 19.8 29.8



#26

2,2-Dichloropropane

Concen: 18.714 ug/l

RT: 7.069 min Scan# 932

Delta R.T. -0.006 min

Lab File: VD075287.D

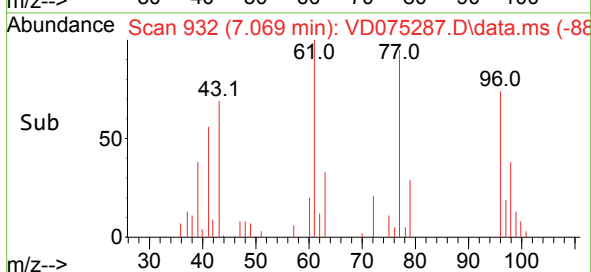
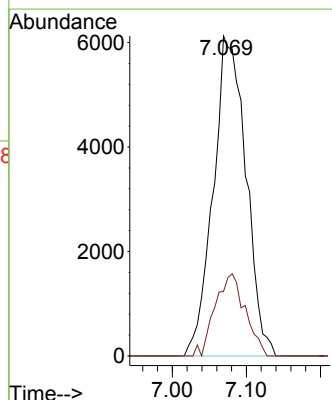
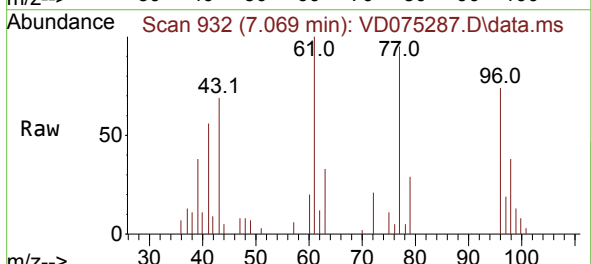
Acq: 09 Feb 2023 11:35

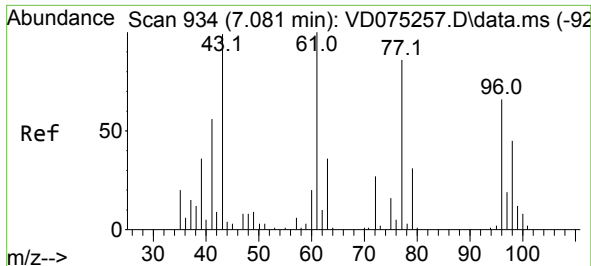
Tgt Ion: 77 Resp: 18738

Ion Ratio Lower Upper

77 100

97 23.7 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 21.663 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD075287.D

Acq: 09 Feb 2023 11:35

Instrument :

MSVOA_D

ClientSampleId :

VD0209SBSD01

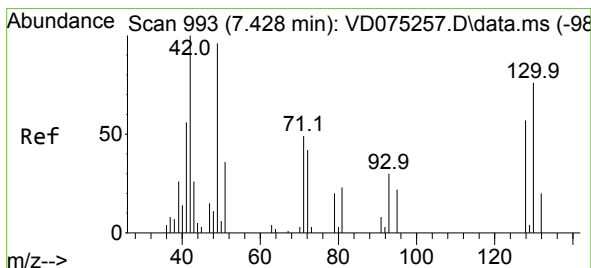
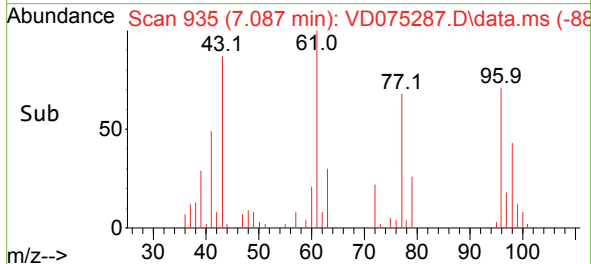
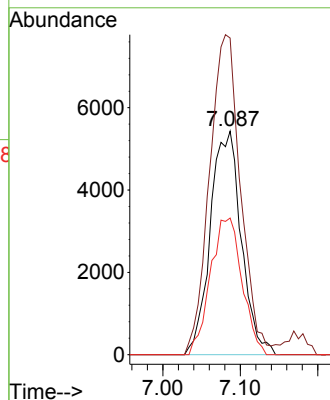
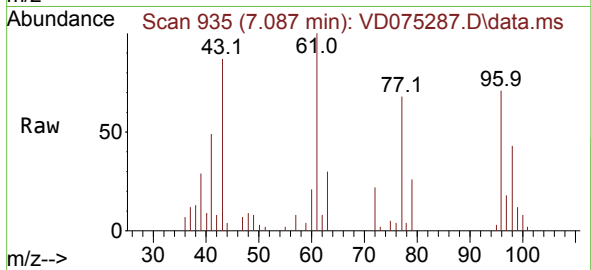
Tgt Ion: 96 Resp: 15037

Ion Ratio Lower Upper

96 100

61 144.0 0.0 287.4

98 62.6 0.0 129.8



#28

Bromochloromethane

Concen: 23.163 ug/l

RT: 7.434 min Scan# 994

Delta R.T. 0.006 min

Lab File: VD075287.D

Acq: 09 Feb 2023 11:35

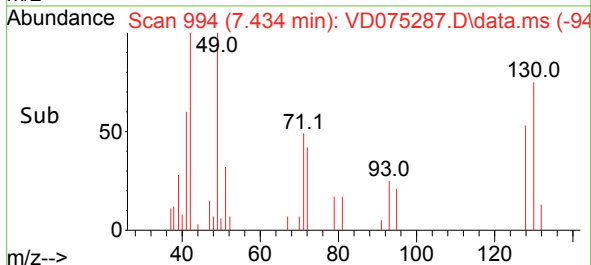
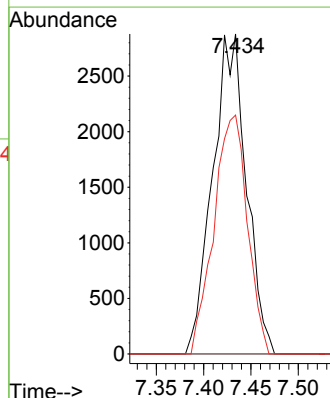
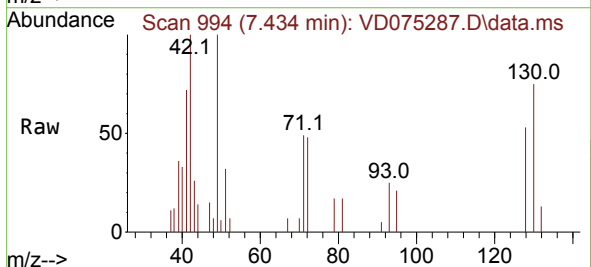
Tgt Ion: 49 Resp: 7139

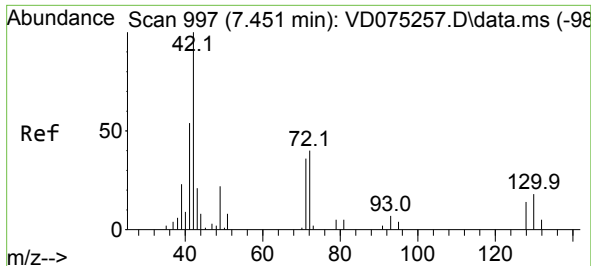
Ion Ratio Lower Upper

49 100

129 0.0 0.0 2.6

130 73.9 63.6 95.4

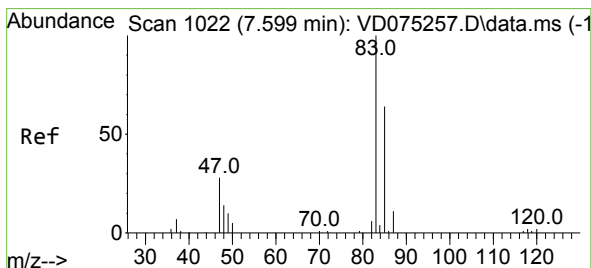
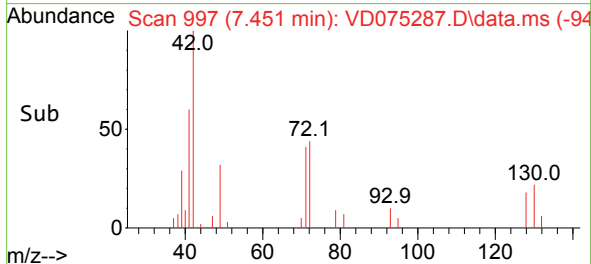
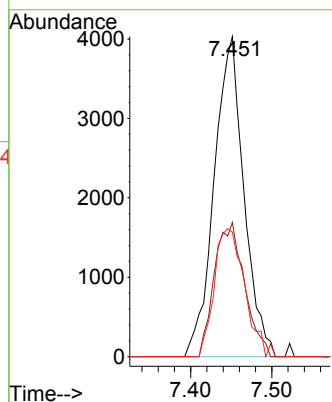
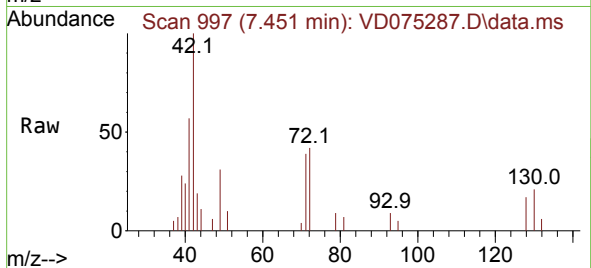




#29
Tetrahydrofuran
Concen: 101.341 ug/l
RT: 7.451 min Scan# 997
Delta R.T. 0.000 min
Lab File: VD075287.D
Acq: 09 Feb 2023 11:35

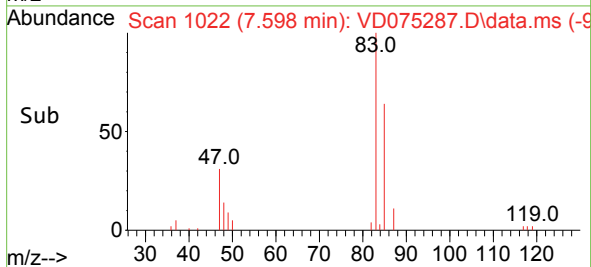
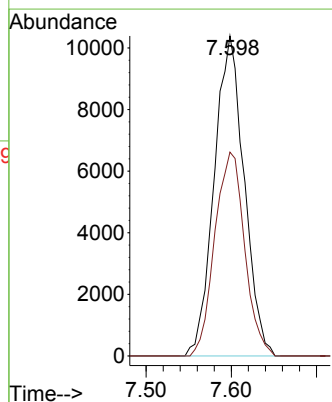
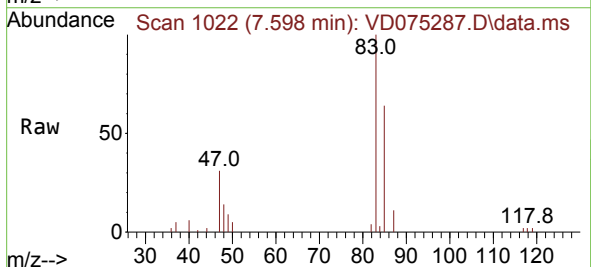
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBSD01

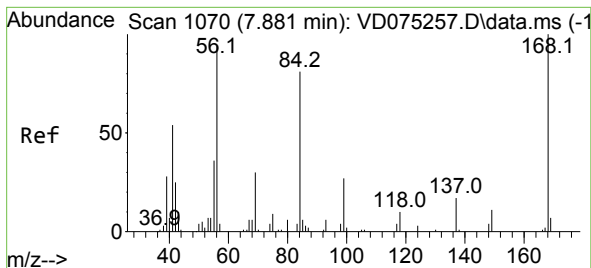
Tgt Ion:	42	Resp:	10270
Ion	Ratio	Lower	Upper
42	100		
72	42.4	33.8	50.8
71	40.9	31.6	47.4



#30
Chloroform
Concen: 21.804 ug/l
RT: 7.598 min Scan# 1022
Delta R.T. -0.001 min
Lab File: VD075287.D
Acq: 09 Feb 2023 11:35

Tgt Ion:	83	Resp:	25387
Ion	Ratio	Lower	Upper
83	100		
85	63.7	48.5	72.7





#31

Cyclohexane

Concen: 19.468 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VD075287.D

Acq: 09 Feb 2023 11:35

Instrument :

MSVOA_D

ClientSampleId :

VD0209SBSD01

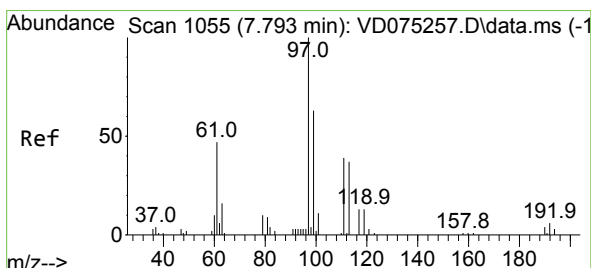
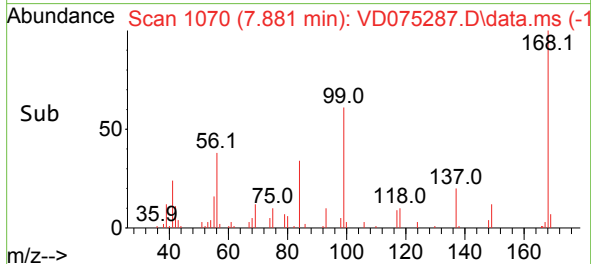
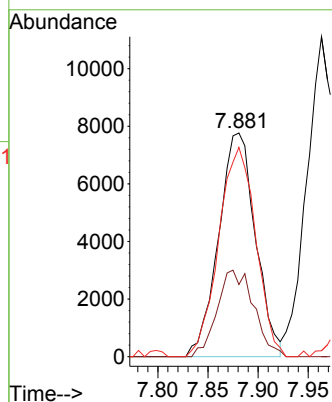
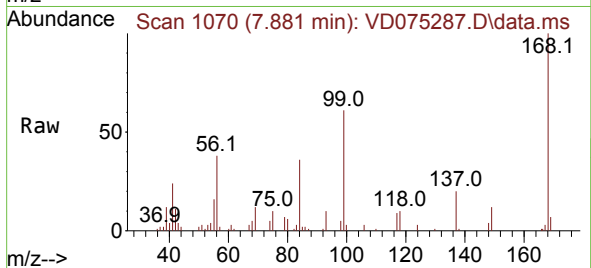
Tgt Ion: 56 Resp: 19856

Ion Ratio Lower Upper

56 100

69 32.3 26.6 40.0

84 93.6 74.1 111.1



#32

1,1,1-Trichloroethane

Concen: 20.983 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD075287.D

Acq: 09 Feb 2023 11:35

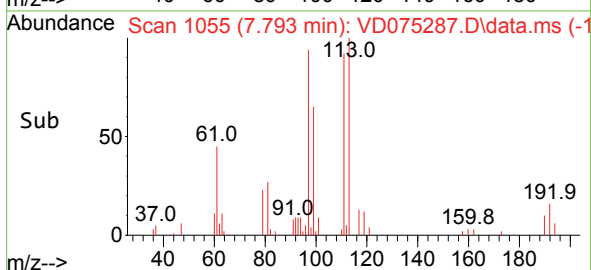
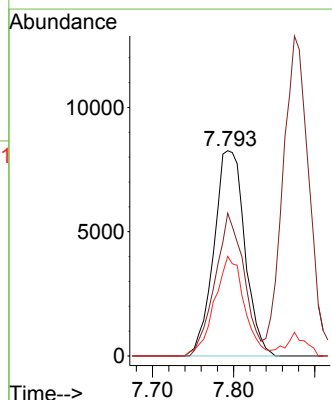
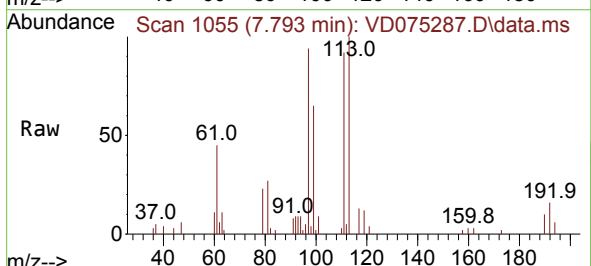
Tgt Ion: 97 Resp: 21854

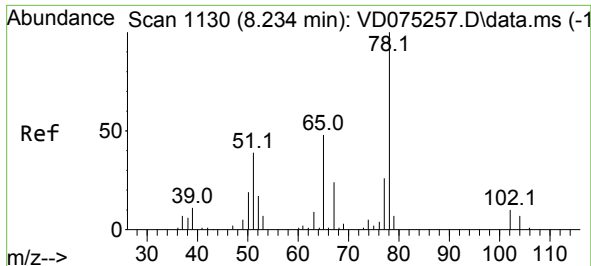
Ion Ratio Lower Upper

97 100

99 65.0 51.7 77.5

61 46.8 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 51.687 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD075287.D

Acq: 09 Feb 2023 11:35

Instrument :

MSVOA_D

ClientSampleId :

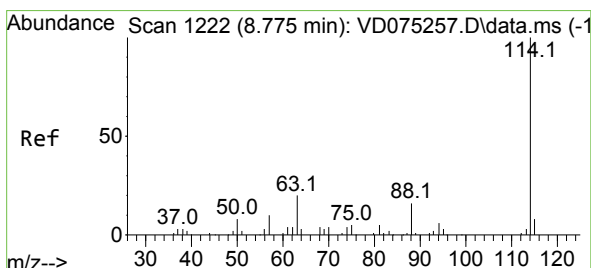
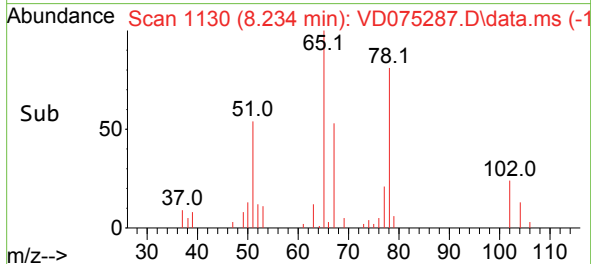
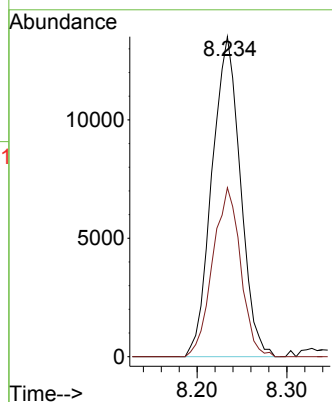
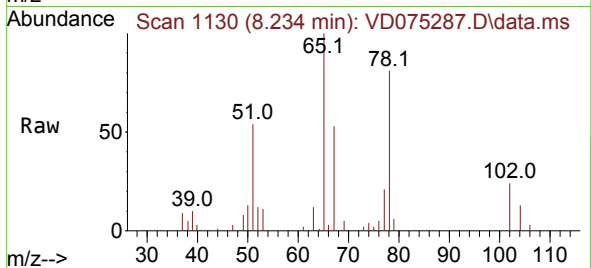
VD0209SBSD01

Tgt Ion: 65 Resp: 29689

Ion Ratio Lower Upper

65 100

67 51.8 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: VD075287.D

Acq: 09 Feb 2023 11:35

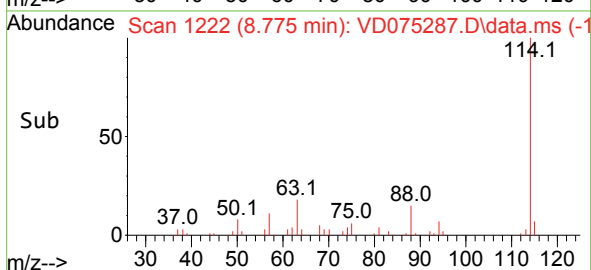
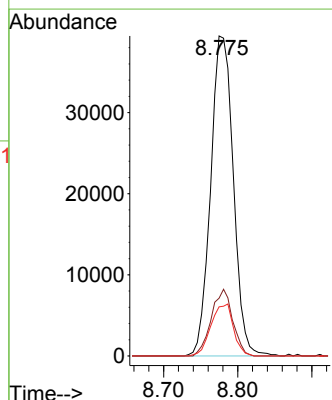
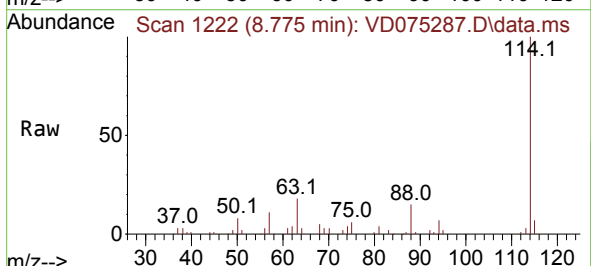
Tgt Ion: 114 Resp: 83843

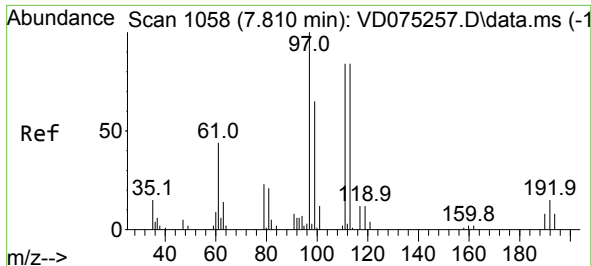
Ion Ratio Lower Upper

114 100

63 18.0 0.0 40.2

88 15.3 0.0 32.2





#35

Dibromofluoromethane

Concen: 50.226 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD075287.D

Acq: 09 Feb 2023 11:35

Instrument :

MSVOA_D

ClientSampleId :

VD0209SBS01

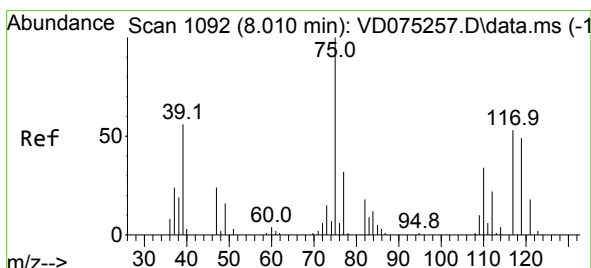
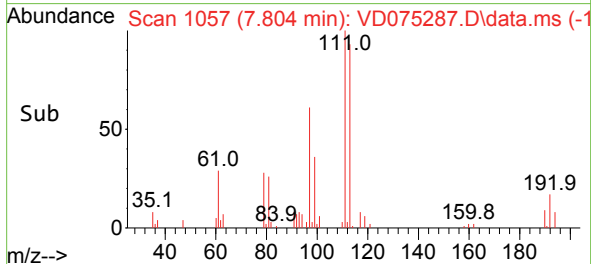
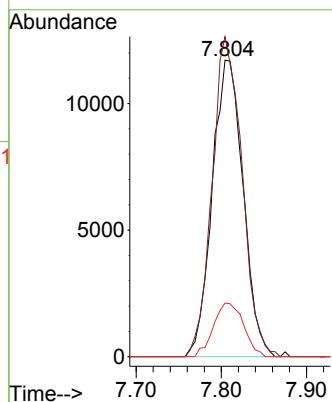
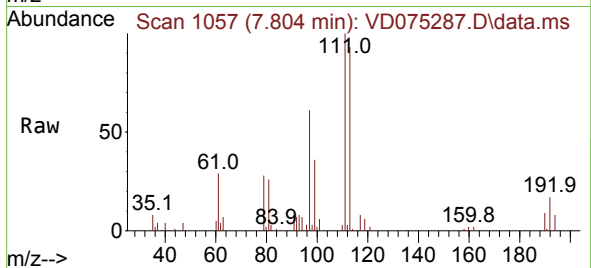
Tgt Ion:113 Resp: 29528

Ion Ratio Lower Upper

113 100

111 104.4 80.1 120.1

192 17.6 15.4 23.0



#36

1,1-Dichloropropene

Concen: 19.567 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD075287.D

Acq: 09 Feb 2023 11:35

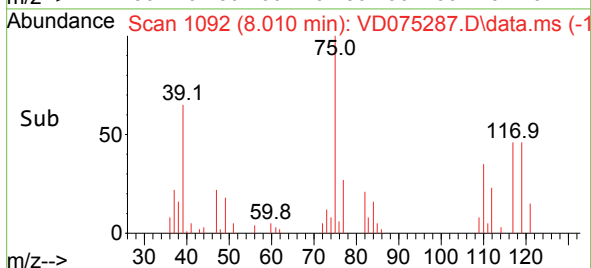
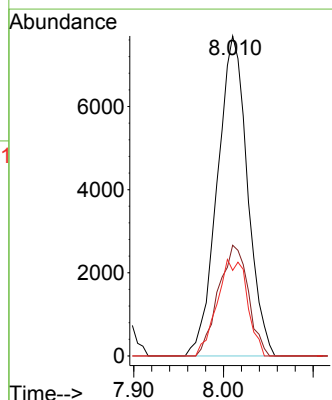
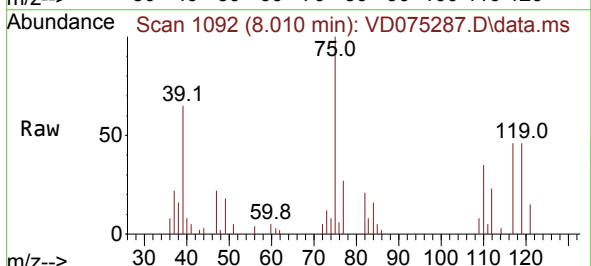
Tgt Ion: 75 Resp: 17920

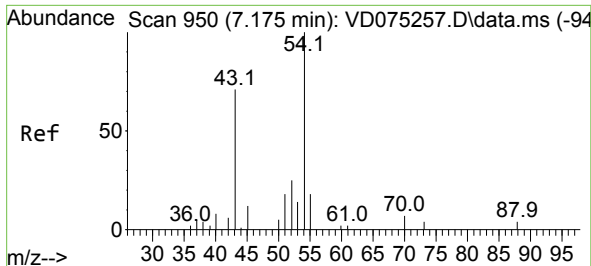
Ion Ratio Lower Upper

75 100

110 34.1 18.1 54.4

77 30.2 25.1 37.7





#37

Ethyl Acetate

Concen: 19.894 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD075287.D

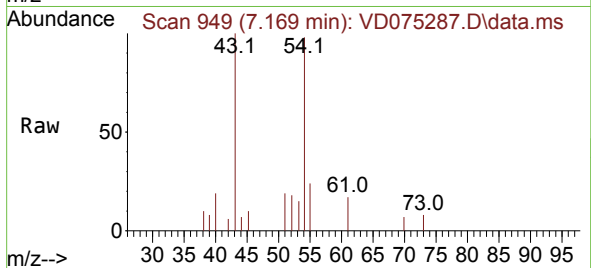
Acq: 09 Feb 2023 11:35

Instrument :

MSVOA_D

ClientSampleId :

VD0209SBS01



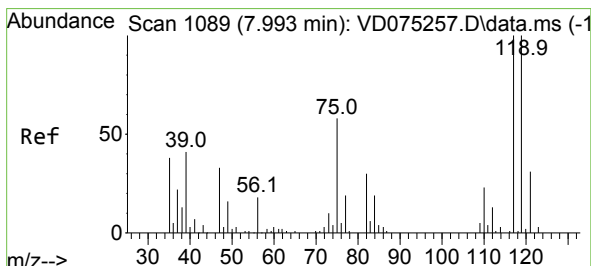
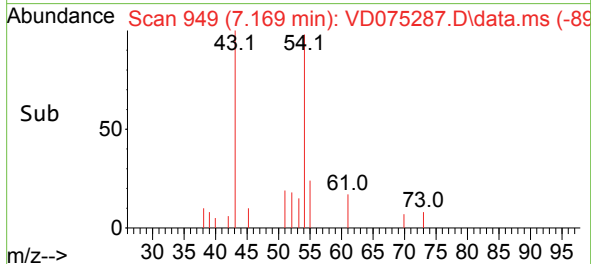
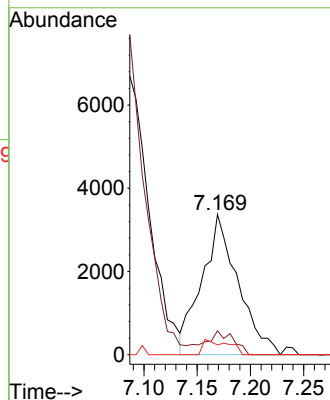
Tgt Ion: 43 Resp: 7946

Ion Ratio Lower Upper

43 100

61 11.4 11.7 17.5#

70 7.4 8.8 13.2#



#38

Carbon Tetrachloride

Concen: 19.408 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD075287.D

Acq: 09 Feb 2023 11:35

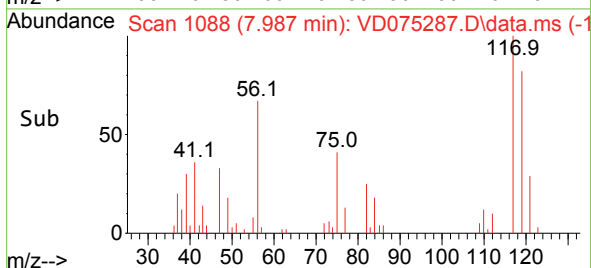
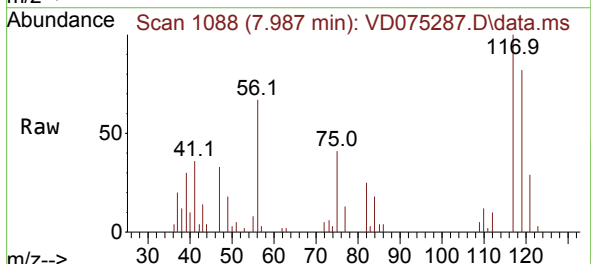
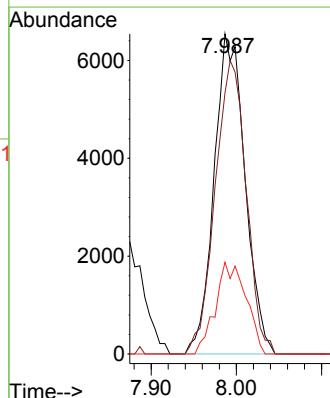
Tgt Ion: 117 Resp: 16470

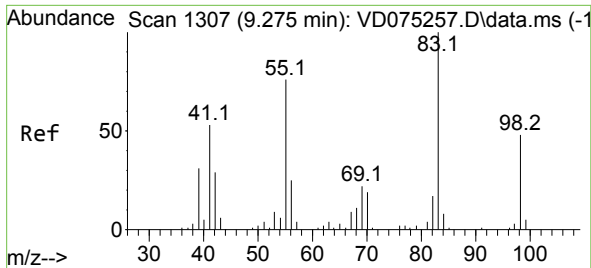
Ion Ratio Lower Upper

117 100

119 81.6 73.6 110.4

121 28.7 25.4 38.0





#39

Methylcyclohexane

Concen: 19.153 ug/l

RT: 9.281 min Scan# 11308

Delta R.T. 0.006 min

Lab File: VD075287.D

Acq: 09 Feb 2023 11:35

Instrument :

MSVOA_D

ClientSampleId :

VD0209SBSD01

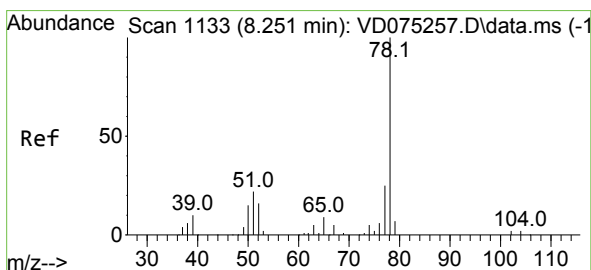
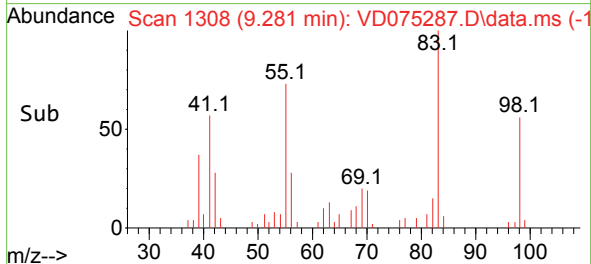
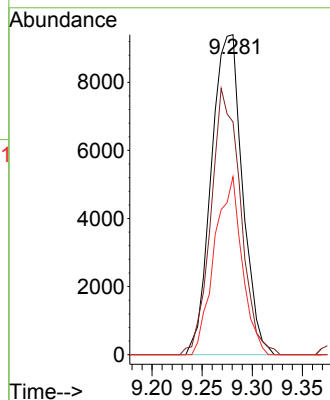
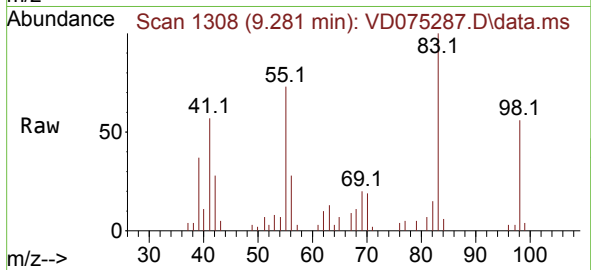
Tgt Ion: 83 Resp: 20303

Ion Ratio Lower Upper

83 100

55 72.8 60.0 90.0

98 55.6 39.0 58.4



#40

Benzene

Concen: 20.631 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD075287.D

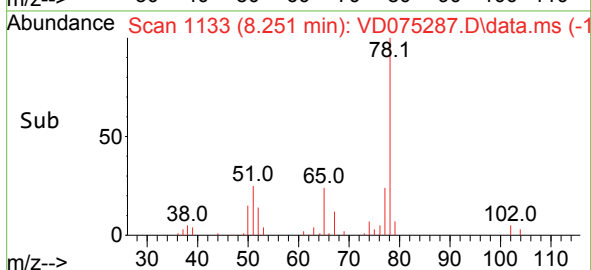
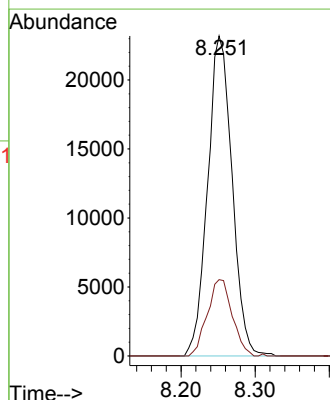
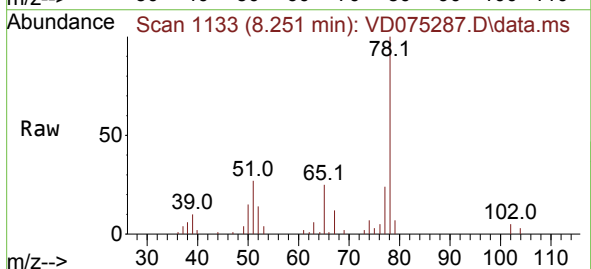
Acq: 09 Feb 2023 11:35

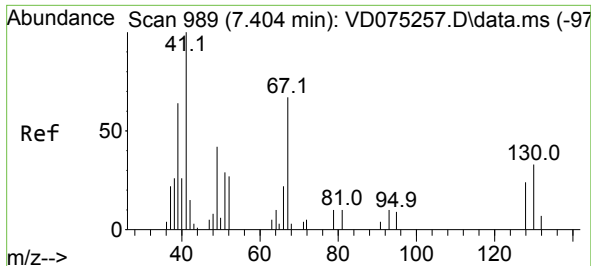
Tgt Ion: 78 Resp: 53103

Ion Ratio Lower Upper

78 100

77 23.8 19.8 29.6



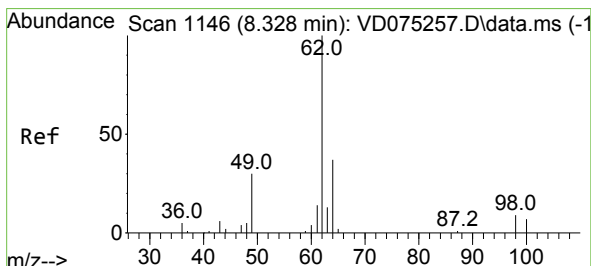
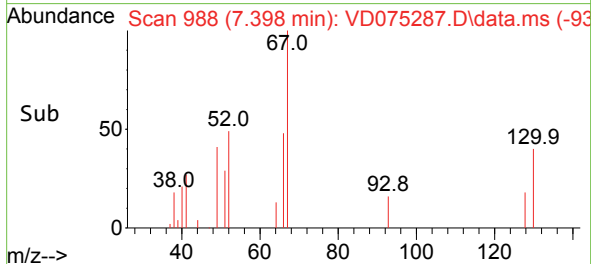
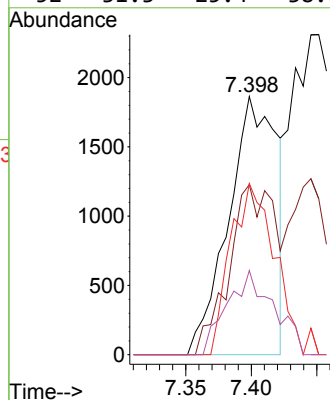
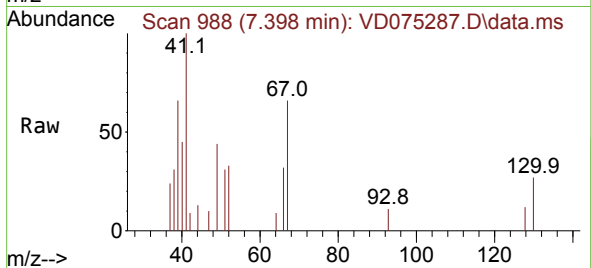


#41
Methacrylonitrile
Concen: 20.062 ug/l
RT: 7.398 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD075287.D
Acq: 09 Feb 2023 11:35

Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

Tgt Ion: 41 Resp: 4780

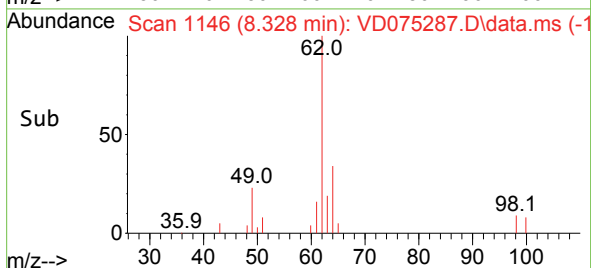
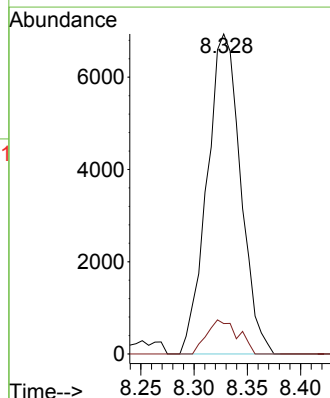
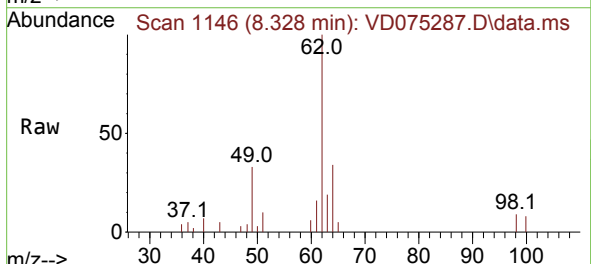
Ion	Ratio	Lower	Upper
41	100		
39	62.7	57.8	86.6
67	61.7	60.5	90.7
52	31.3	25.4	38.0

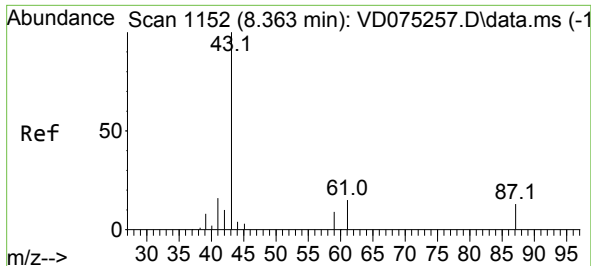


#42
1,2-Dichloroethane
Concen: 20.389 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD075287.D
Acq: 09 Feb 2023 11:35

Tgt Ion: 62 Resp: 15194

Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.2

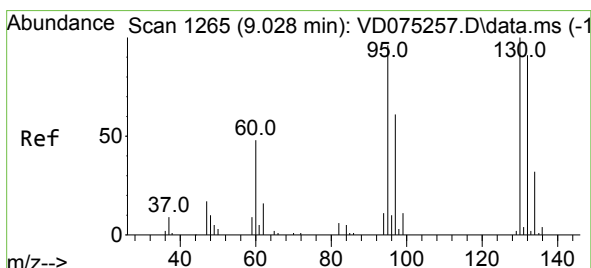
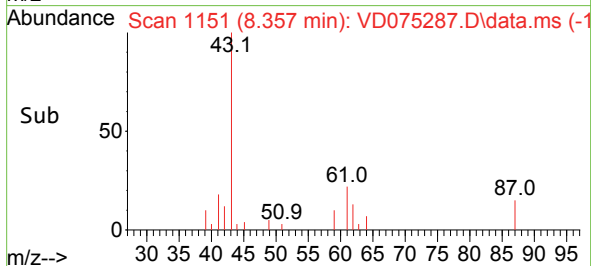
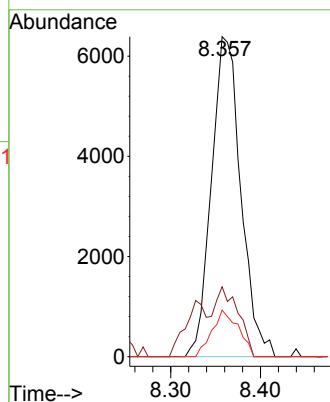
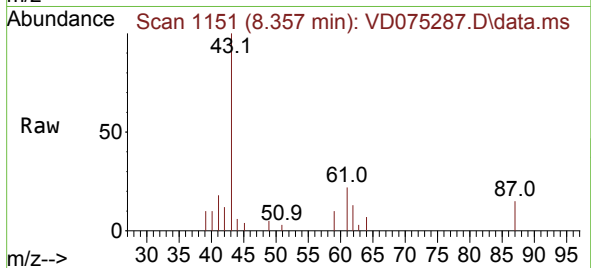




#43
Isopropyl Acetate
Concen: 19.021 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD075287.D
Acq: 09 Feb 2023 11:35

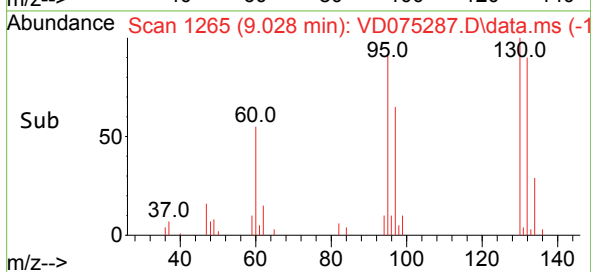
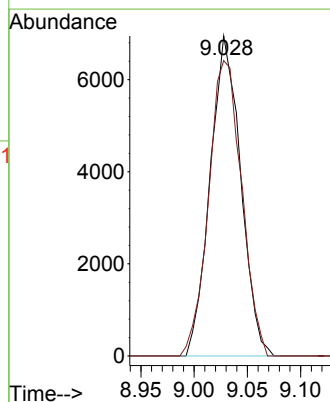
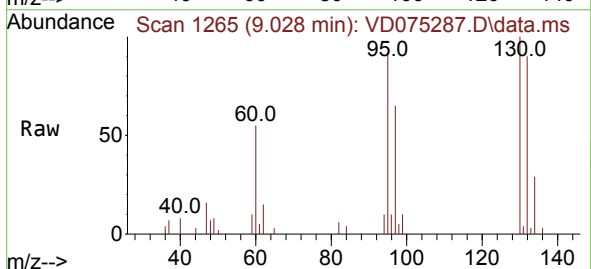
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBSD01

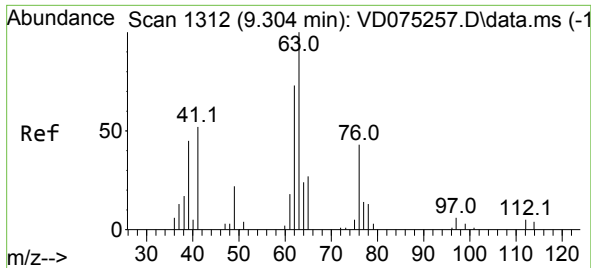
Tgt Ion: 43 Resp: 14517
Ion Ratio Lower Upper
43 100
61 18.4 25.0 37.6#
87 13.0 10.6 16.0



#44
Trichloroethene
Concen: 19.520 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD075287.D
Acq: 09 Feb 2023 11:35

Tgt Ion:130 Resp: 13850
Ion Ratio Lower Upper
130 100
95 92.3 0.0 188.6





#45

1,2-Dichloropropane

Concen: 20.785 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075287.D

Acq: 09 Feb 2023 11:35

Instrument :

MSVOA_D

ClientSampleId :

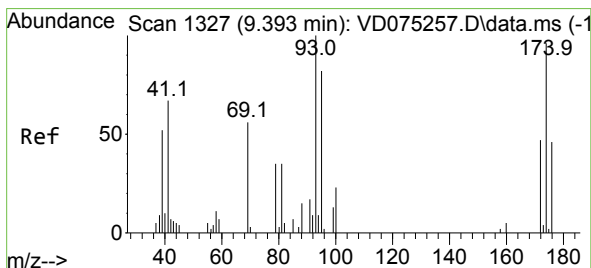
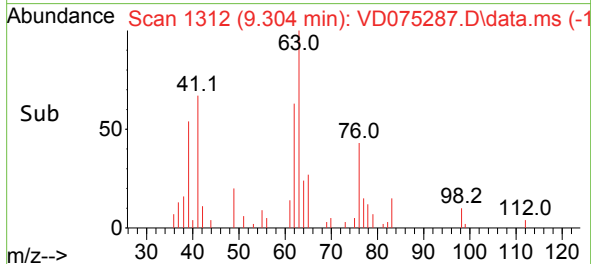
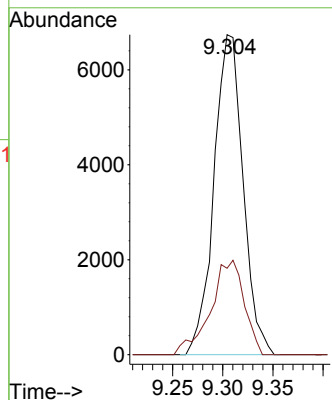
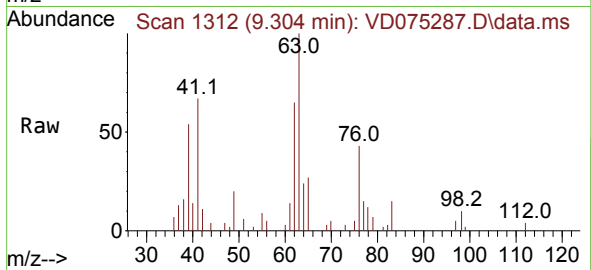
VD0209SBS01

Tgt Ion: 63 Resp: 13587

Ion Ratio Lower Upper

63 100

65 27.0 25.1 37.7



#46

Dibromomethane

Concen: 19.881 ug/l

RT: 9.398 min Scan# 1328

Delta R.T. 0.005 min

Lab File: VD075287.D

Acq: 09 Feb 2023 11:35

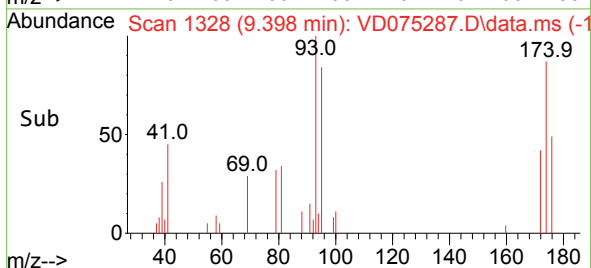
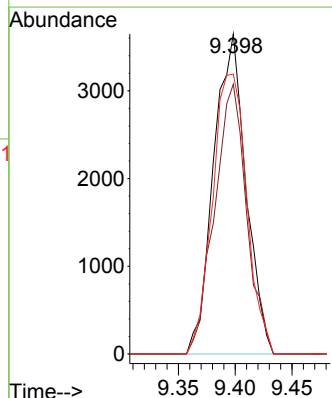
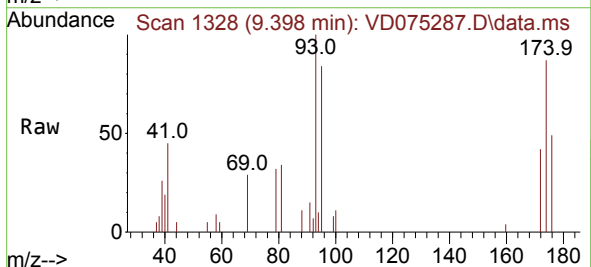
Tgt Ion: 93 Resp: 7202

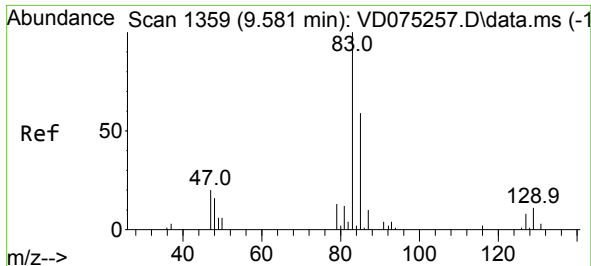
Ion Ratio Lower Upper

93 100

95 83.4 68.3 102.5

174 93.2 77.4 116.0

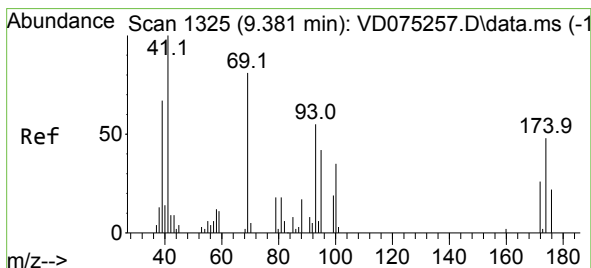
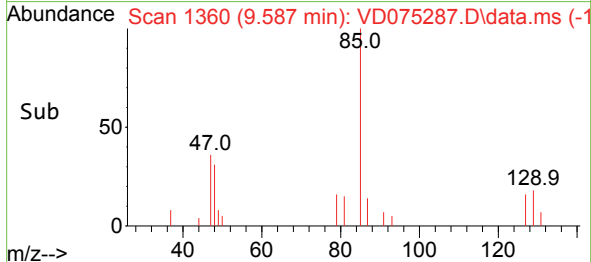
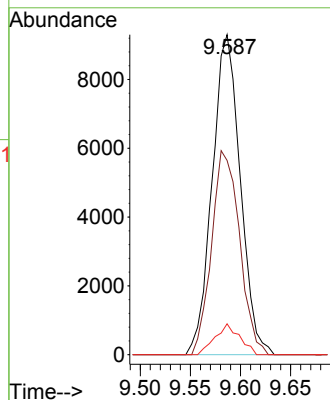
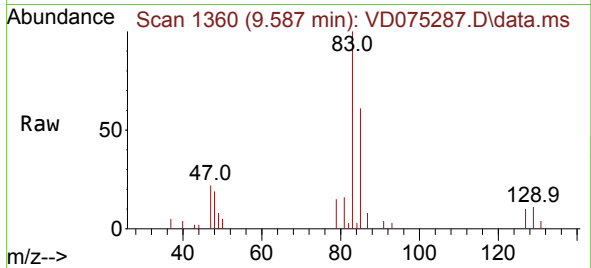




#47
Bromodichloromethane
Concen: 20.047 ug/l
RT: 9.587 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VD075287.D
Acq: 09 Feb 2023 11:35

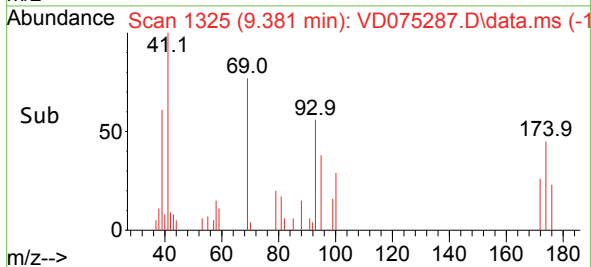
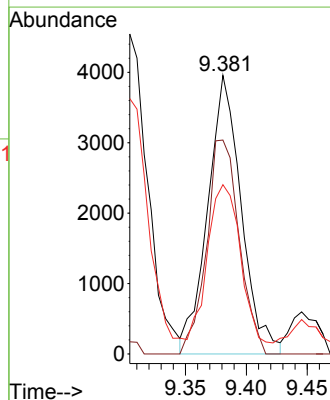
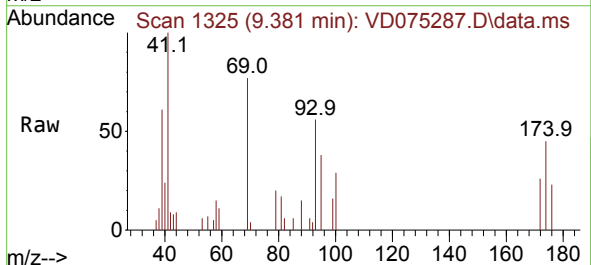
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBSD01

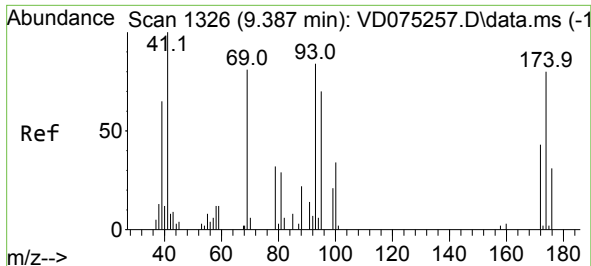
Tgt Ion: 83 Resp: 18074
Ion Ratio Lower Upper
83 100
85 60.7 53.0 79.4
127 9.7 7.0 10.4



#48
Methyl methacrylate
Concen: 20.941 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD075287.D
Acq: 09 Feb 2023 11:35

Tgt Ion: 41 Resp: 7590
Ion Ratio Lower Upper
41 100
69 74.7 67.8 101.6
39 63.3 46.0 69.0





#49

1,4-Dioxane

Concen: 385.461 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. -0.000 min

Lab File: VD075287.D

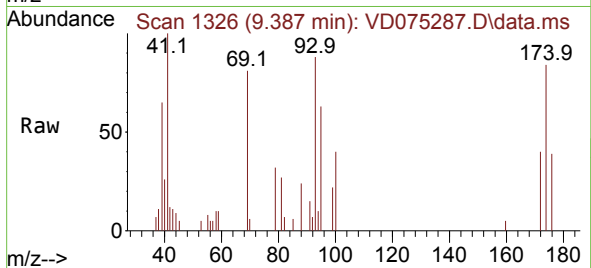
Acq: 09 Feb 2023 11:35

Instrument :

MSVOA_D

ClientSampleId :

VD0209SBSD01



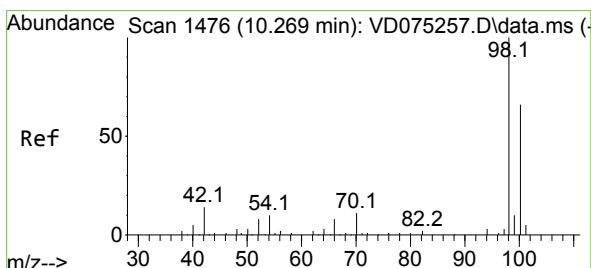
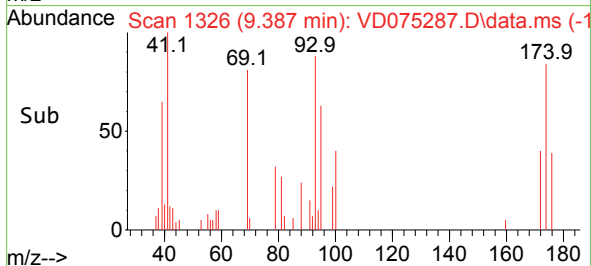
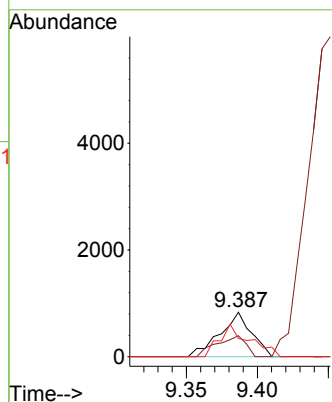
Tgt Ion: 88 Resp: 1292

Ion Ratio Lower Upper

88 100

43 43.5 35.6 53.4

58 68.5 57.4 86.2



#50

Toluene-d8

Concen: 49.131 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD075287.D

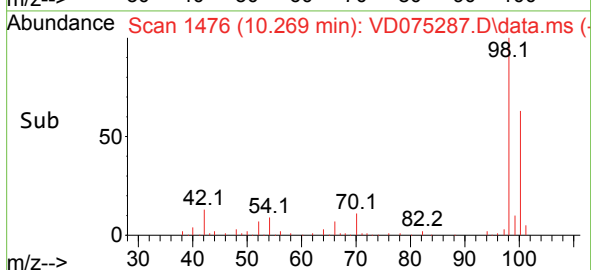
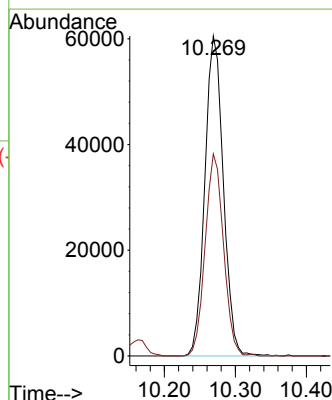
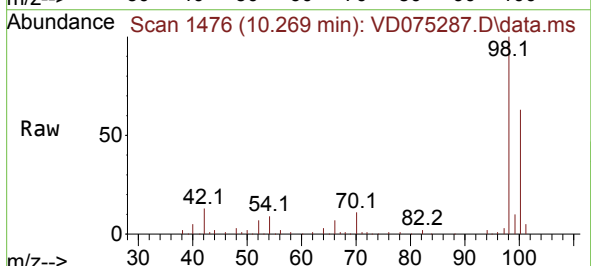
Acq: 09 Feb 2023 11:35

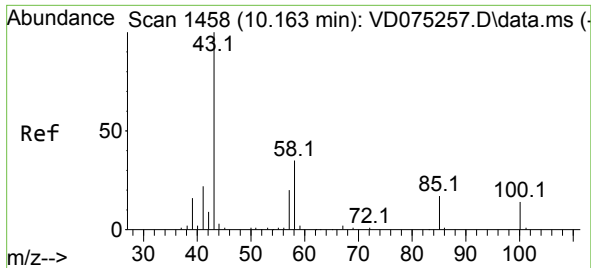
Tgt Ion: 98 Resp: 109541

Ion Ratio Lower Upper

98 100

100 62.8 52.7 79.1

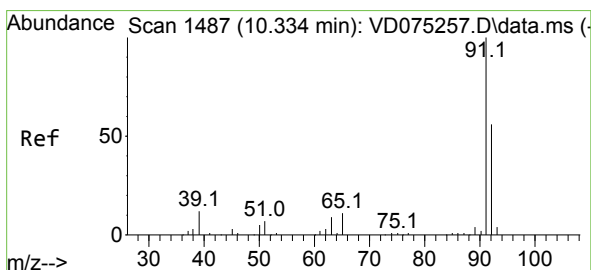
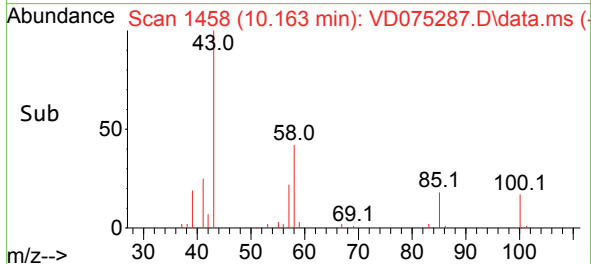
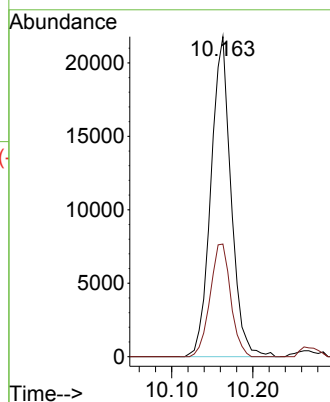
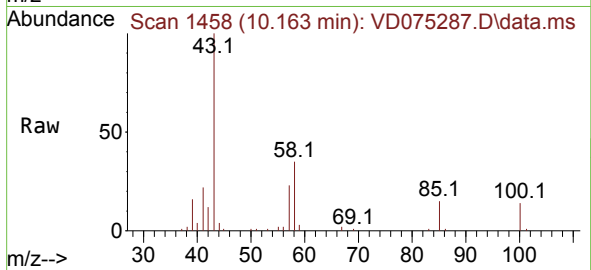




#51
4-Methyl-2-Pentanone
Concen: 97.143 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VD075287.D
Acq: 09 Feb 2023 11:35

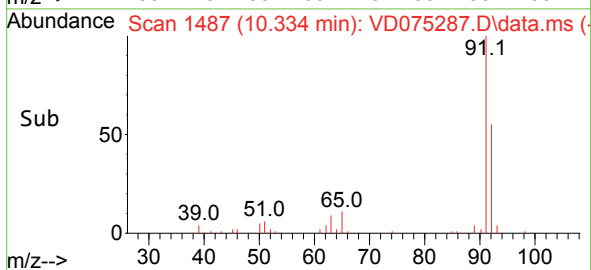
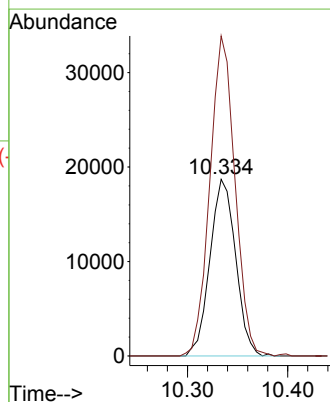
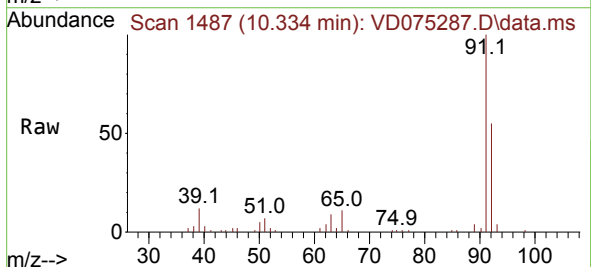
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBSD01

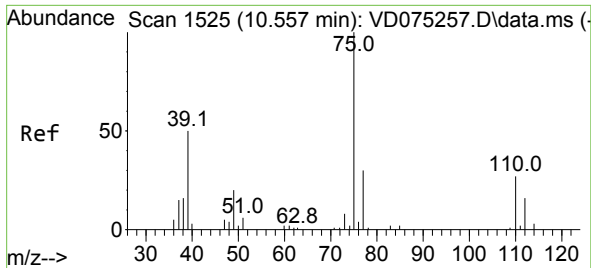
Tgt Ion: 43 Resp: 37481
Ion Ratio Lower Upper
43 100
58 35.9 31.4 47.0



#52
Toluene
Concen: 20.569 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075287.D
Acq: 09 Feb 2023 11:35

Tgt Ion: 92 Resp: 33347
Ion Ratio Lower Upper
92 100
91 177.1 137.0 205.4

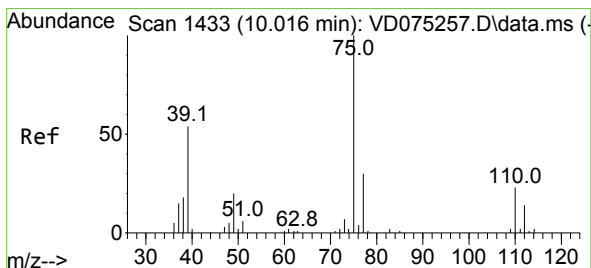
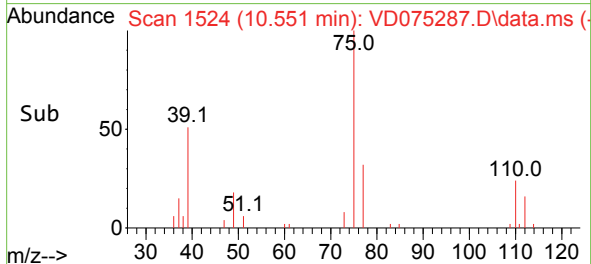
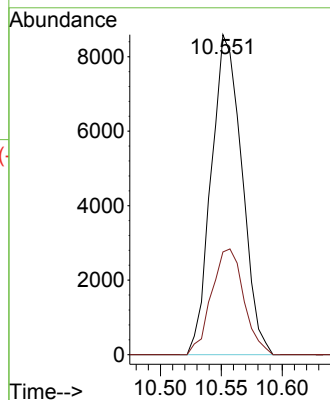
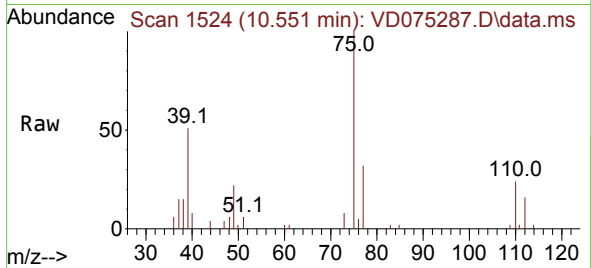




#53
 t-1,3-Dichloropropene
 Concen: 19.278 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VD075287.D
 Acq: 09 Feb 2023 11:35

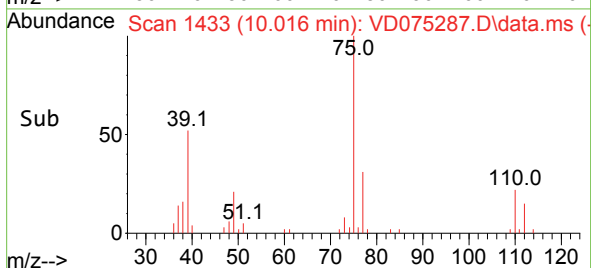
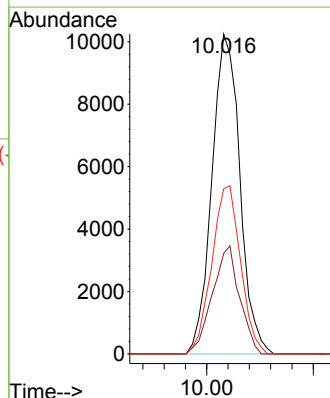
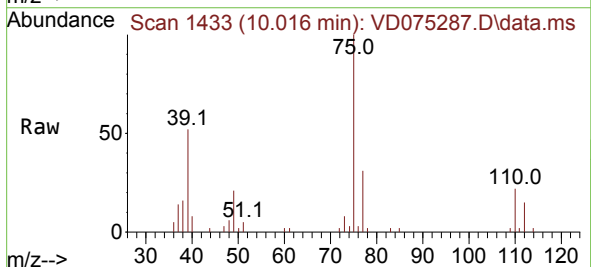
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0209SBS01

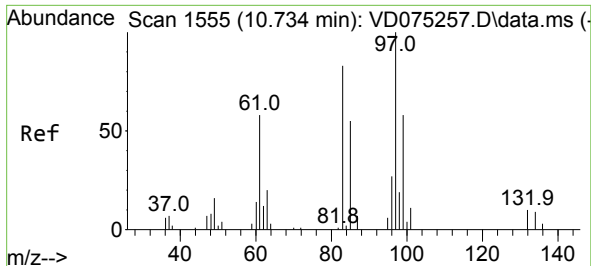
Tgt Ion: 75 Resp: 15055
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 19.994 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD075287.D
 Acq: 09 Feb 2023 11:35

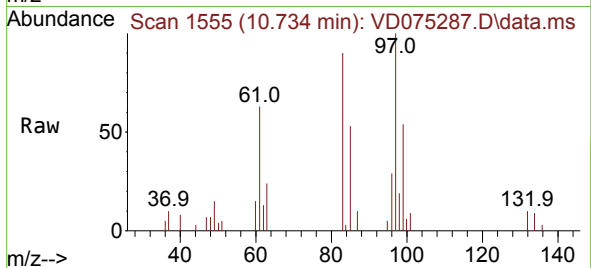
Tgt Ion: 75 Resp: 18668
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.1 37.7
 39 51.6 37.9 56.9



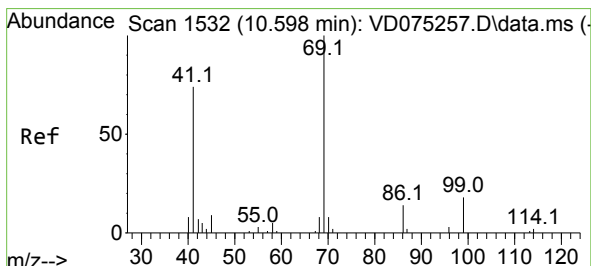
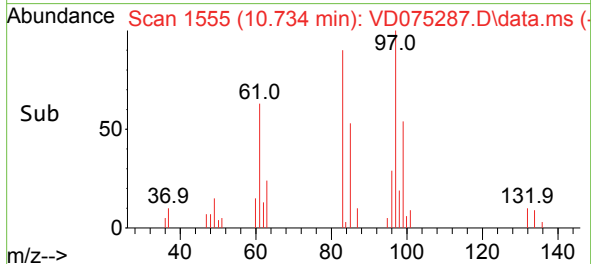
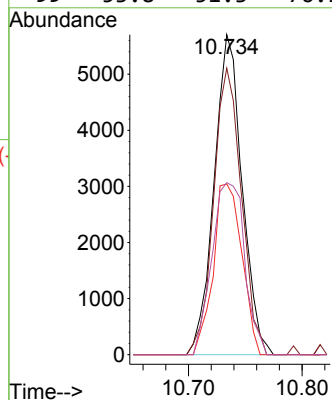


#55
1,1,2-Trichloroethane
Concen: 21.123 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD075287.D
Acq: 09 Feb 2023 11:35

Instrument :
MSVOA_D
ClientSampleId :
VD0209SBSD01

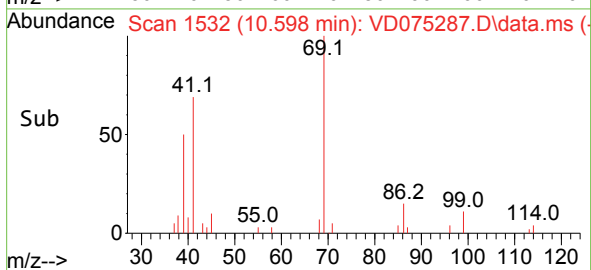
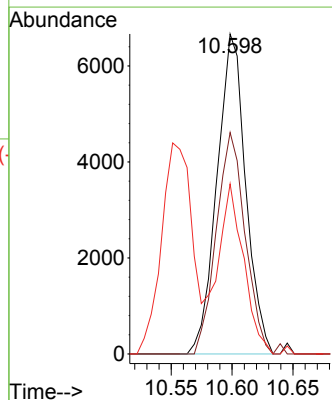
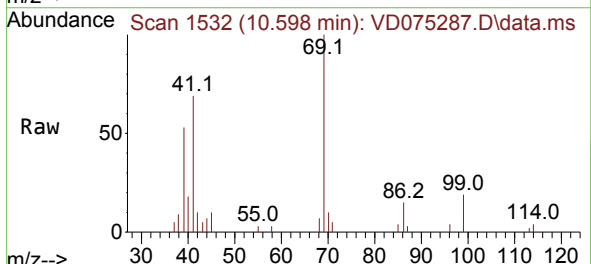


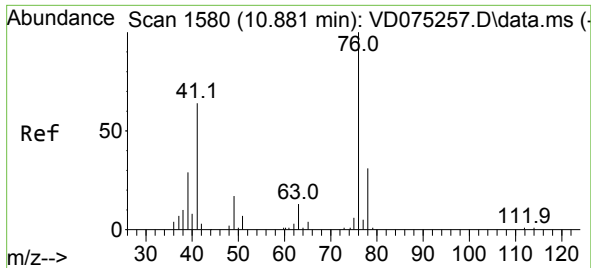
Tgt Ion:	97	Resp:	9768
Ion	Ratio	Lower	Upper
97	100		
83	89.5	69.4	104.0
85	53.3	46.0	69.0
99	53.8	51.3	76.9



#56
Ethyl methacrylate
Concen: 20.344 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD075287.D
Acq: 09 Feb 2023 11:35

Tgt Ion:	69	Resp:	10937
Ion	Ratio	Lower	Upper
69	100		
41	69.4	55.7	83.5
39	44.4	31.4	47.0

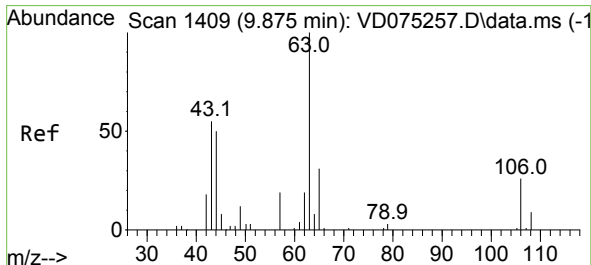
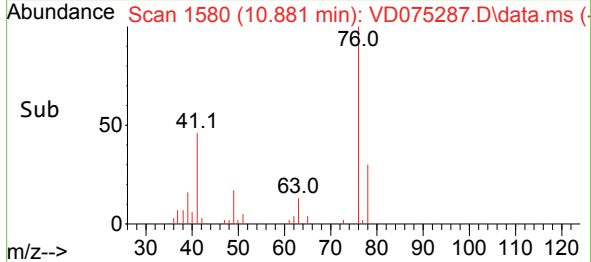
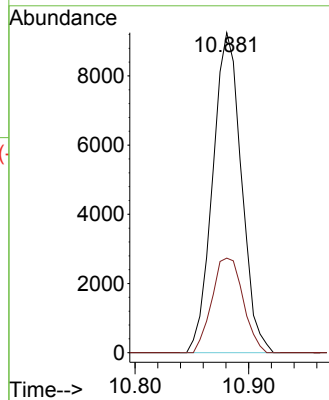
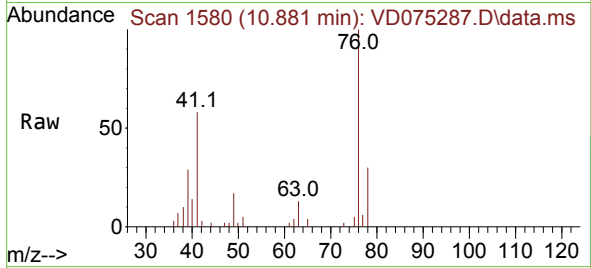




#57
1,3-Dichloropropane
Concen: 20.594 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD075287.D
Acq: 09 Feb 2023 11:35

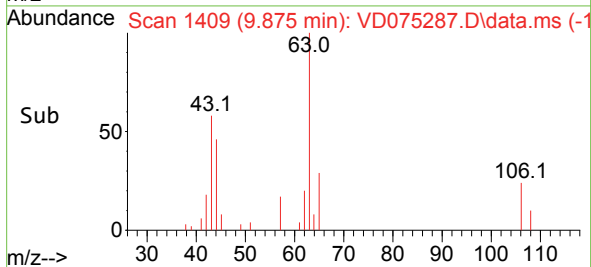
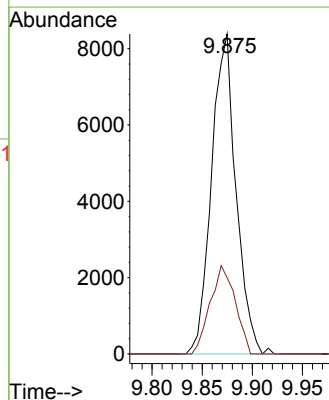
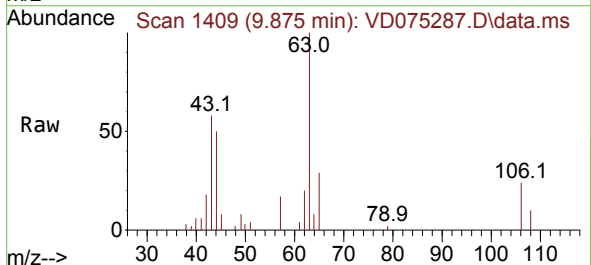
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBSD01

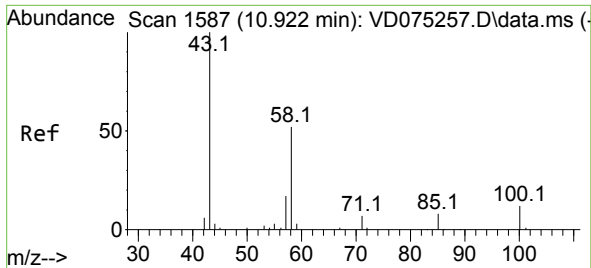
Tgt Ion: 76 Resp: 16223
Ion Ratio Lower Upper
76 100
78 32.1 26.2 39.2



#58
2-Chloroethyl Vinyl ether
Concen: 101.798 ug/l
RT: 9.875 min Scan# 1409
Delta R.T. -0.000 min
Lab File: VD075287.D
Acq: 09 Feb 2023 11:35

Tgt Ion: 63 Resp: 14254
Ion Ratio Lower Upper
63 100
106 28.2 22.6 33.8

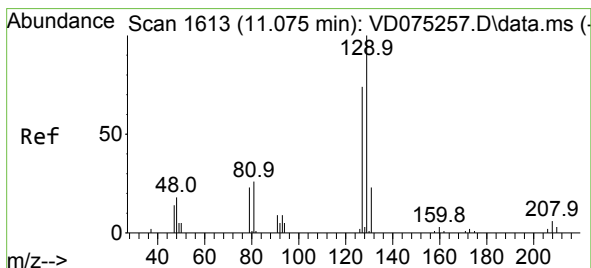
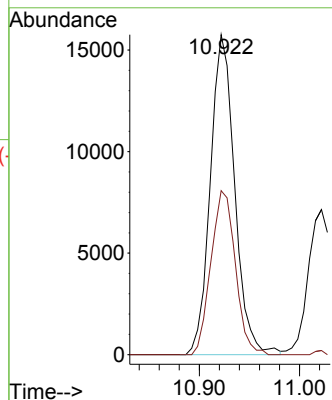
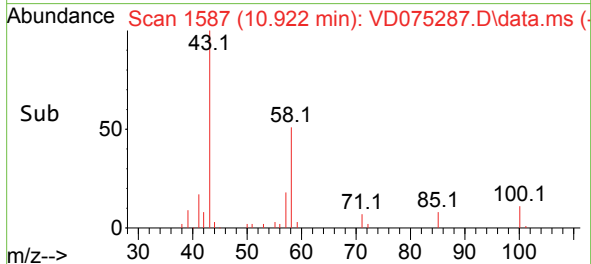
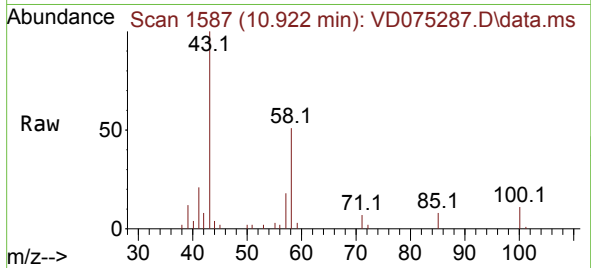




#59
2-Hexanone
Concen: 94.464 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD075287.D
Acq: 09 Feb 2023 11:35

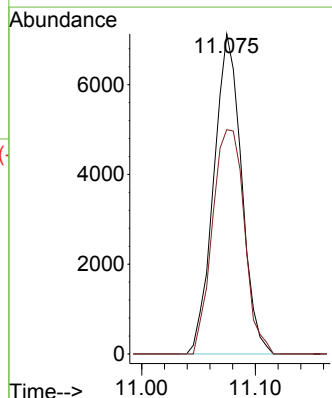
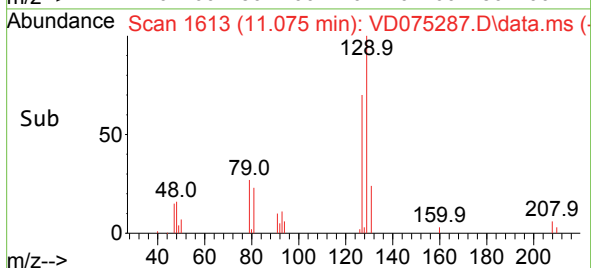
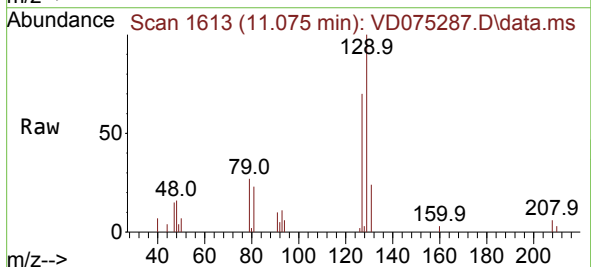
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBSD01

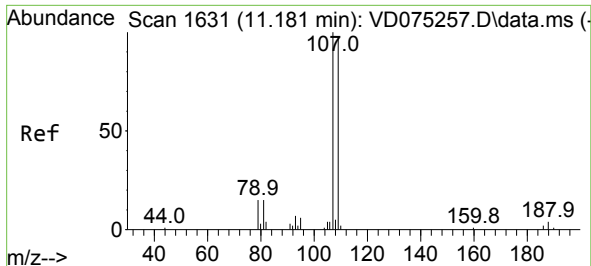
Tgt Ion: 43 Resp: 26628
Ion Ratio Lower Upper
43 100
58 51.4 26.8 80.4



#60
Dibromochloromethane
Concen: 21.149 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075287.D
Acq: 09 Feb 2023 11:35

Tgt Ion: 129 Resp: 12117
Ion Ratio Lower Upper
129 100
127 80.7 38.9 116.6

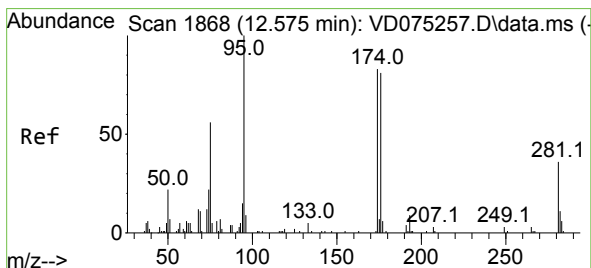
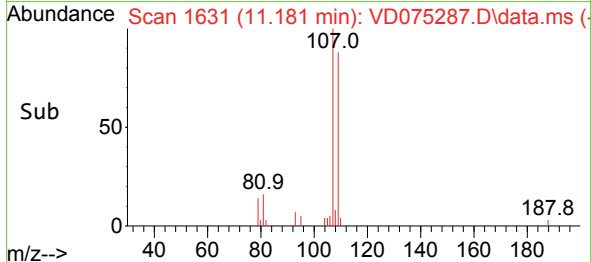
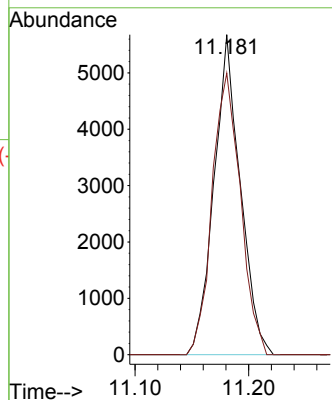
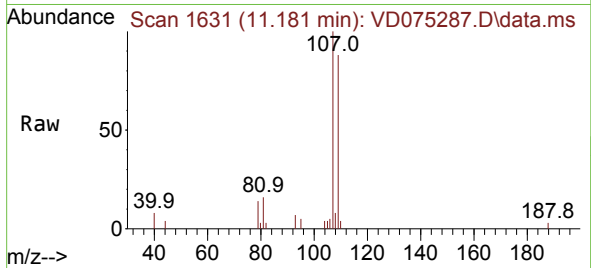




#61
1,2-Dibromoethane
Concen: 20.532 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075287.D
Acq: 09 Feb 2023 11:35

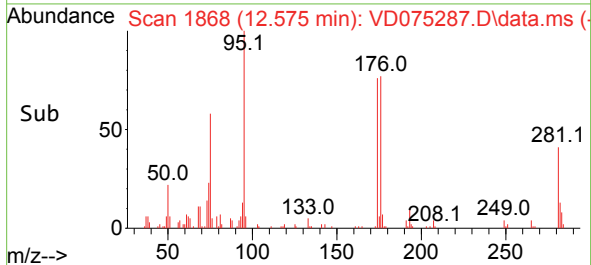
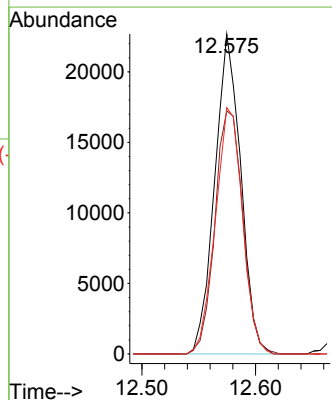
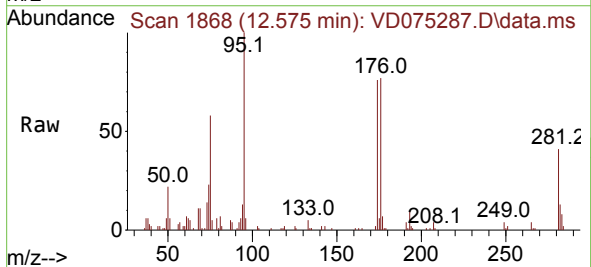
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBSD01

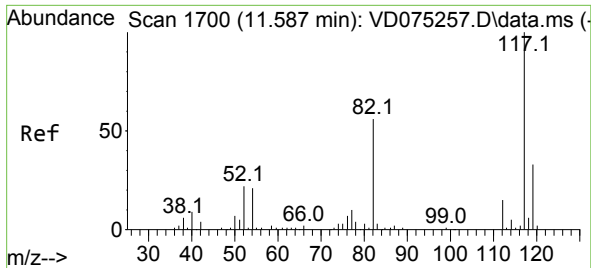
Tgt Ion:107 Resp: 9155
Ion Ratio Lower Upper
107 100
109 94.5 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 49.045 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075287.D
Acq: 09 Feb 2023 11:35

Tgt Ion: 95 Resp: 36056
Ion Ratio Lower Upper
95 100
174 81.5 0.0 161.2
176 80.4 0.0 160.2

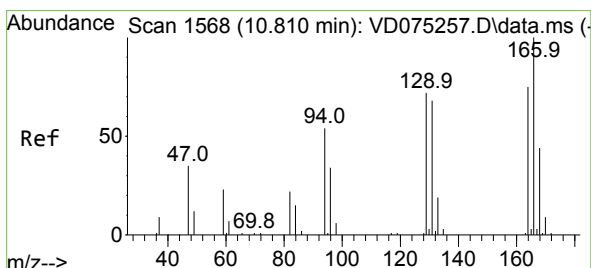
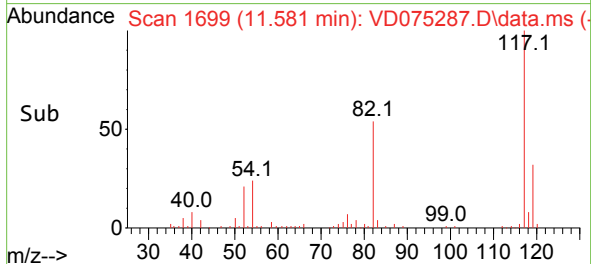
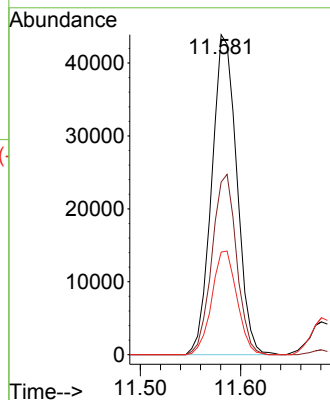
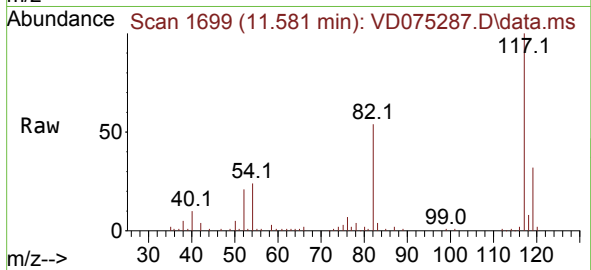




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD075287.D
Acq: 09 Feb 2023 11:35

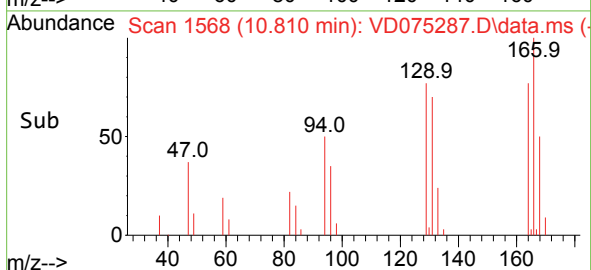
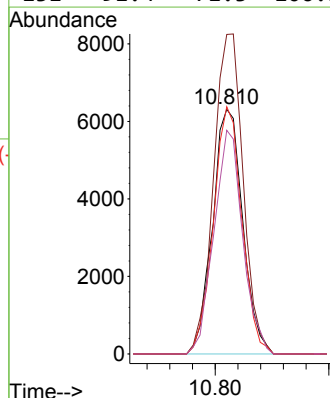
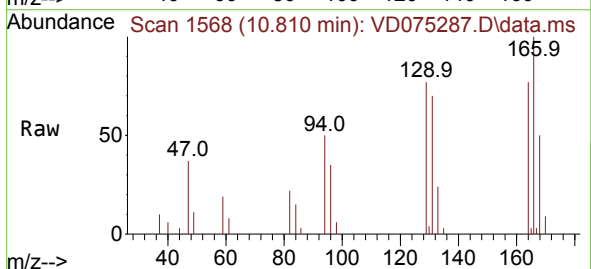
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBSD01

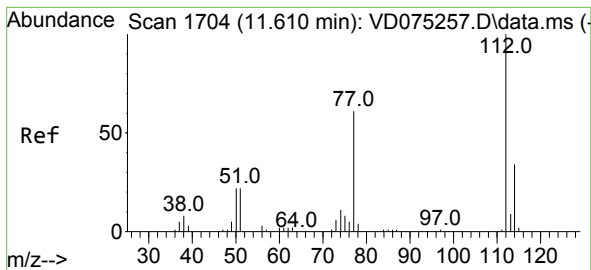
Tgt Ion:117 Resp: 76325
Ion Ratio Lower Upper
117 100
82 54.0 39.6 59.4
119 32.1 24.6 37.0



#64
Tetrachloroethene
Concen: 19.762 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075287.D
Acq: 09 Feb 2023 11:35

Tgt Ion:164 Resp: 11617
Ion Ratio Lower Upper
164 100
166 130.6 105.3 157.9
129 101.0 76.2 114.4
131 91.4 71.3 106.9

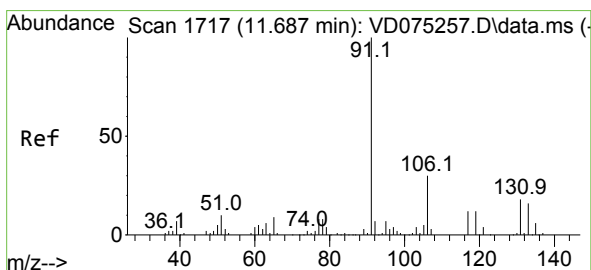
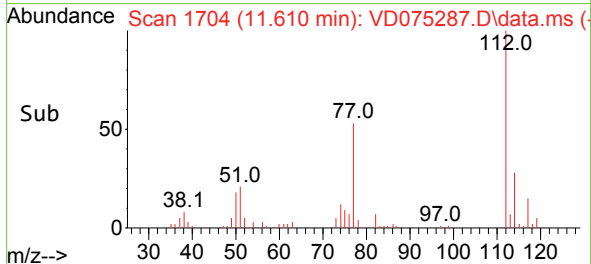
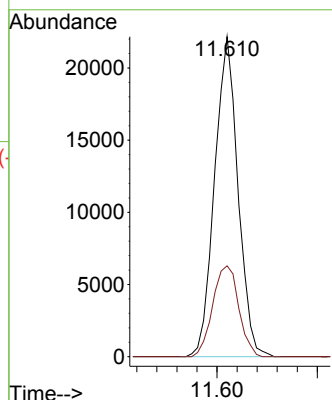
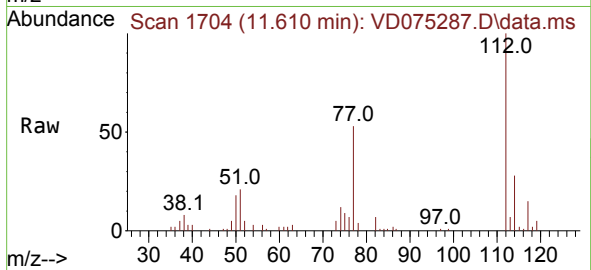




#65
Chlorobenzene
Concen: 20.820 ug/l
RT: 11.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075287.D
Acq: 09 Feb 2023 11:35

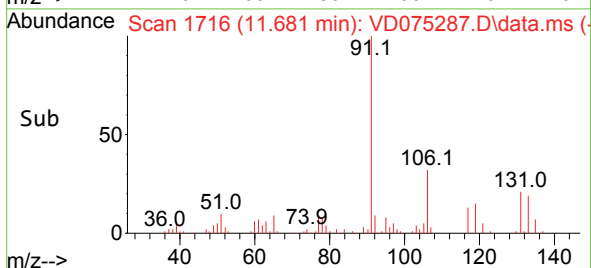
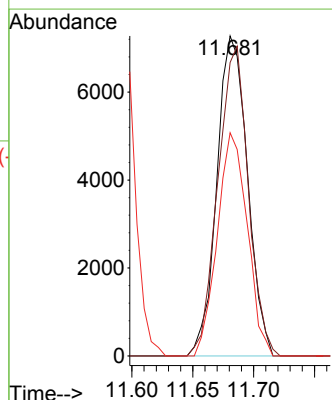
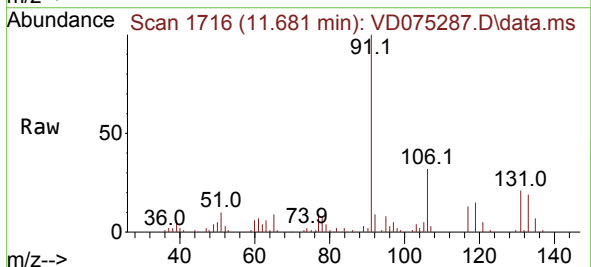
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

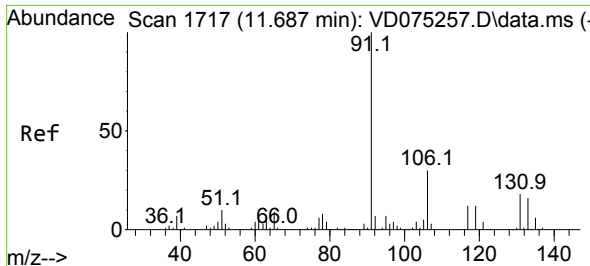
Tgt Ion:112 Resp: 35837
Ion Ratio Lower Upper
112 100
114 28.4 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 20.306 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD075287.D
Acq: 09 Feb 2023 11:35

Tgt Ion:131 Resp: 12725
Ion Ratio Lower Upper
131 100
133 96.4 49.0 147.2
119 68.3 34.8 104.5





#67

Ethyl Benzene

Concen: 19.735 ug/l

RT: 11.686 min Scan# 1717

Delta R.T. -0.001 min

Lab File: VD075287.D

Acq: 09 Feb 2023 11:35

Instrument :

MSVOA_D

ClientSampleId :

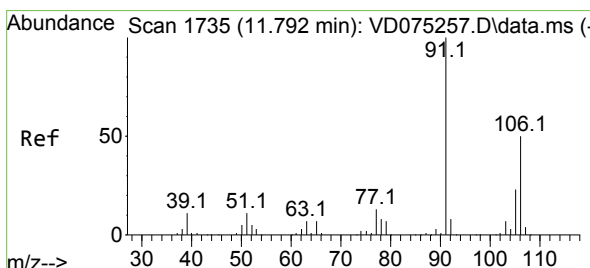
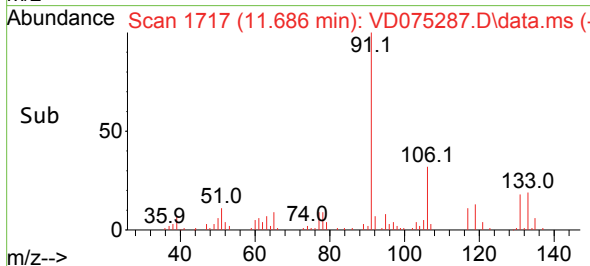
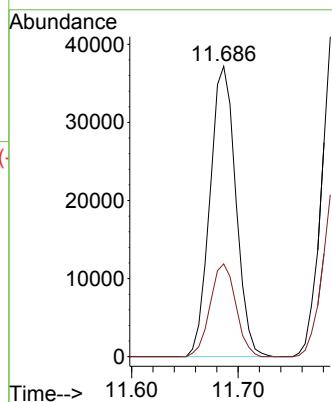
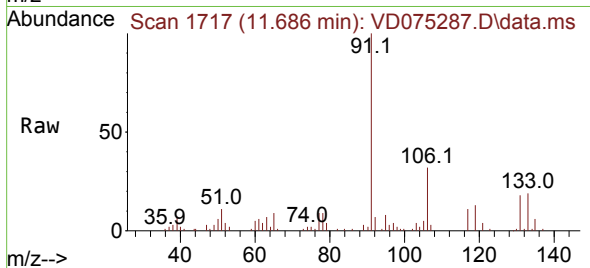
VD0209SBS01

Tgt Ion: 91 Resp: 62714

Ion Ratio Lower Upper

91 100

106 32.0 25.0 37.6



#68

m/p-Xylenes

Concen: 40.905 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD075287.D

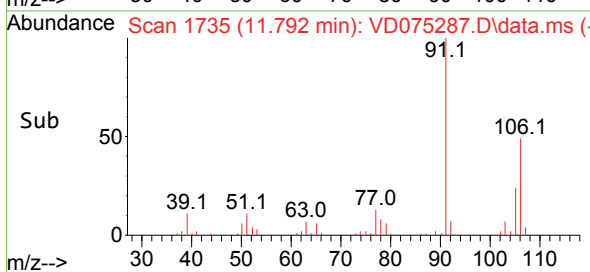
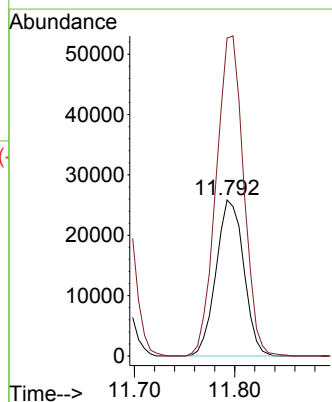
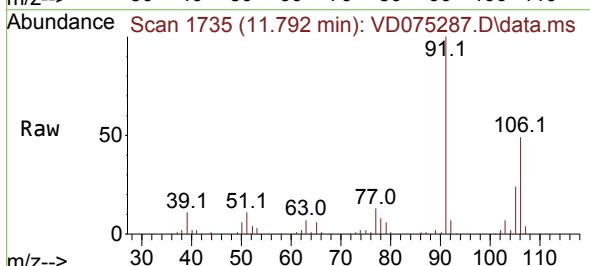
Acq: 09 Feb 2023 11:35

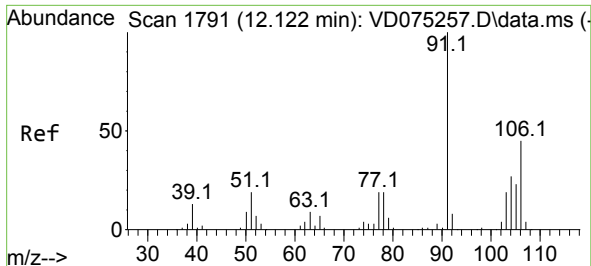
Tgt Ion:106 Resp: 49445

Ion Ratio Lower Upper

106 100

91 203.8 160.3 240.5

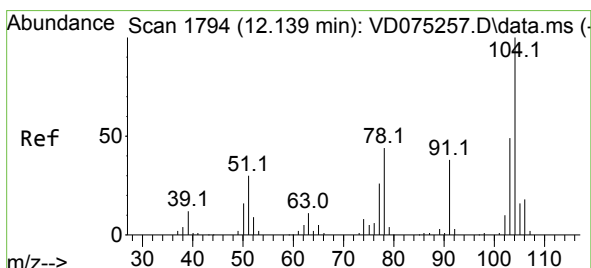
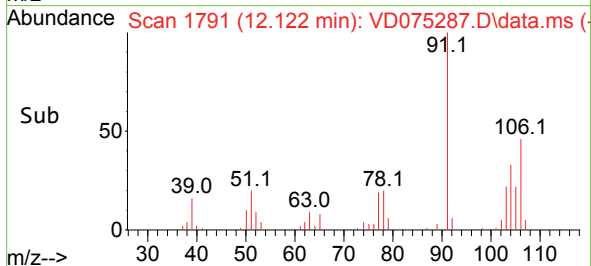
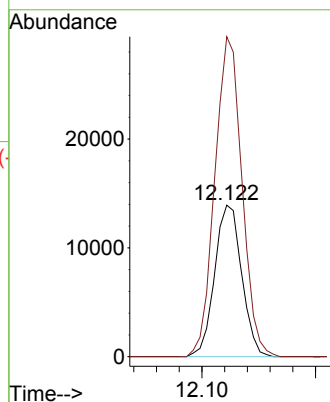
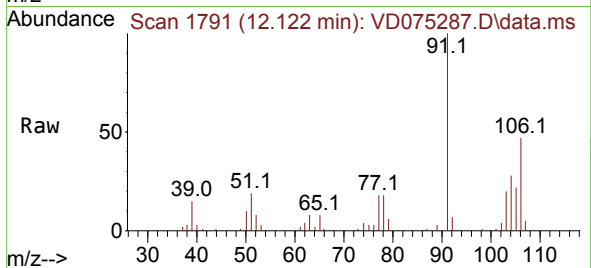




#69
o-Xylene
Concen: 20.372 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075287.D
Acq: 09 Feb 2023 11:35

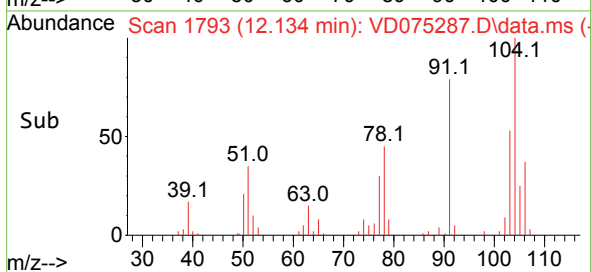
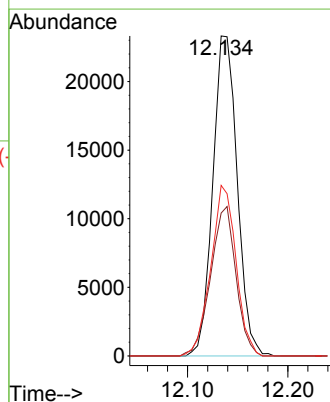
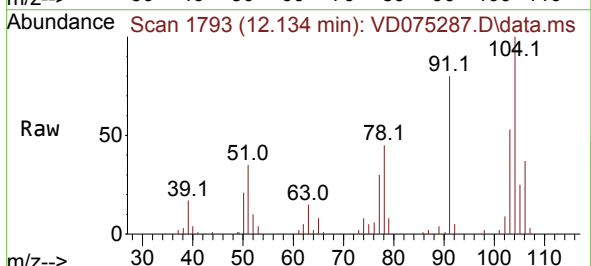
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

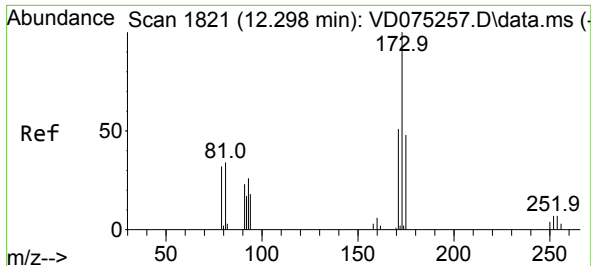
Tgt Ion:106 Resp: 23002
Ion Ratio Lower Upper
106 100
91 212.2 103.6 310.9



#70
Styrene
Concen: 20.633 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.005 min
Lab File: VD075287.D
Acq: 09 Feb 2023 11:35

Tgt Ion:104 Resp: 39464
Ion Ratio Lower Upper
104 100
78 48.7 38.9 58.3
103 55.1 43.6 65.4

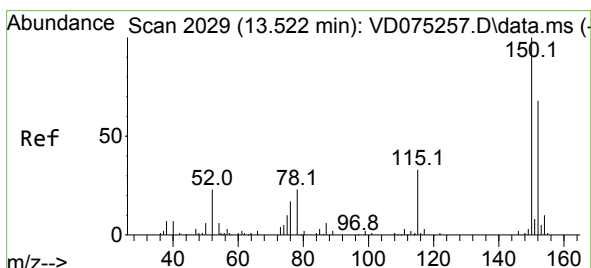
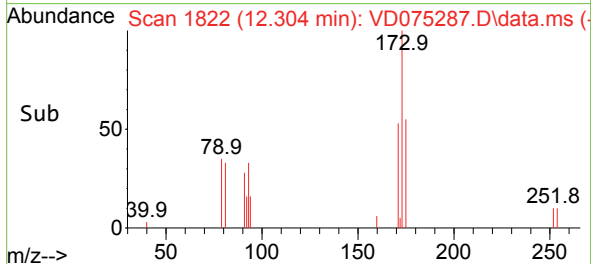
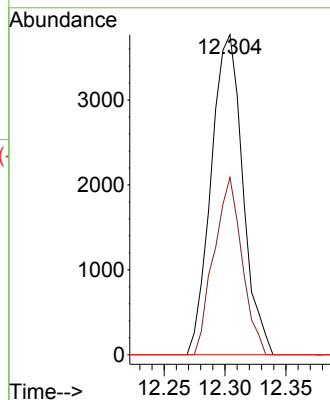
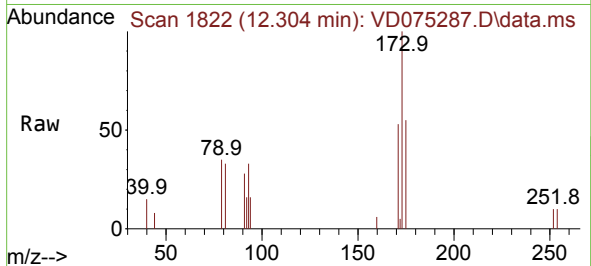




#71
Bromoform
Concen: 20.255 ug/l
RT: 12.304 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VD075287.D
Acq: 09 Feb 2023 11:35

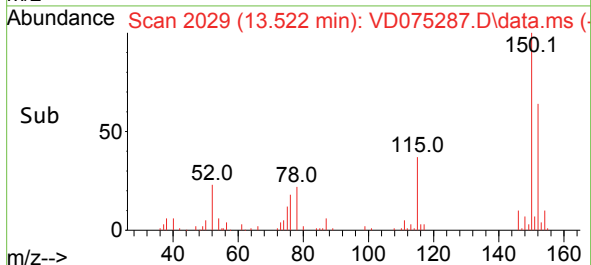
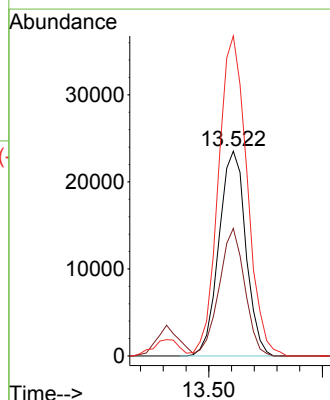
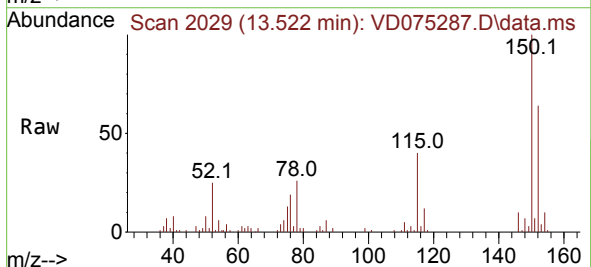
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBSD01

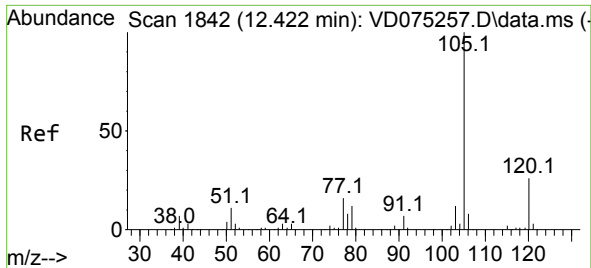
Tgt Ion:173 Resp: 6818
Ion Ratio Lower Upper
173 100
175 49.1 25.4 76.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075287.D
Acq: 09 Feb 2023 11:35

Tgt Ion:152 Resp: 38678
Ion Ratio Lower Upper
152 100
115 59.5 28.8 86.4
150 166.8 0.0 348.6

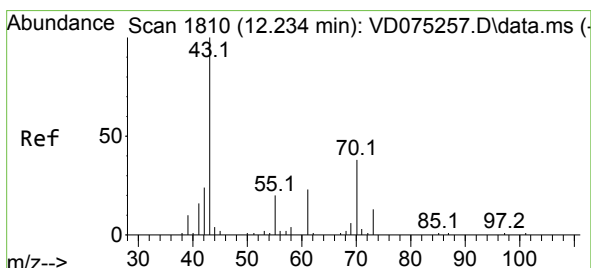
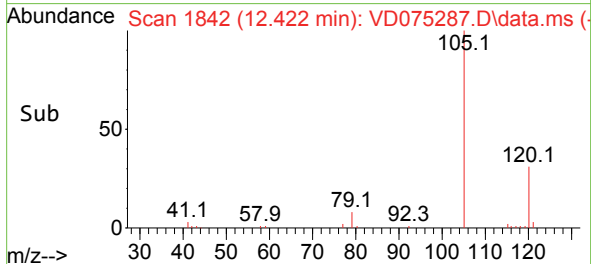
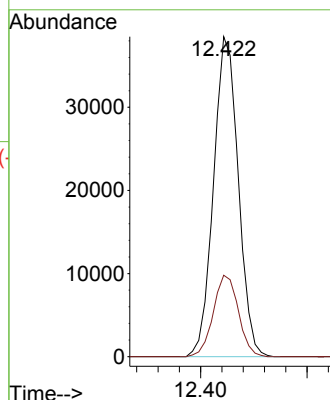
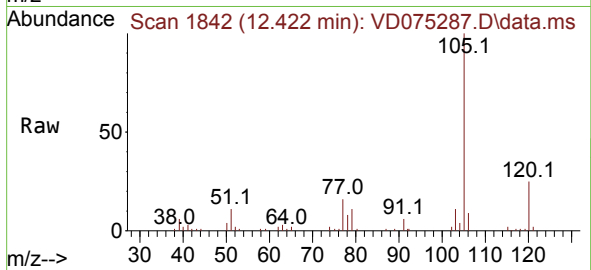




#73
Isopropylbenzene
Concen: 19.764 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD075287.D
Acq: 09 Feb 2023 11:35

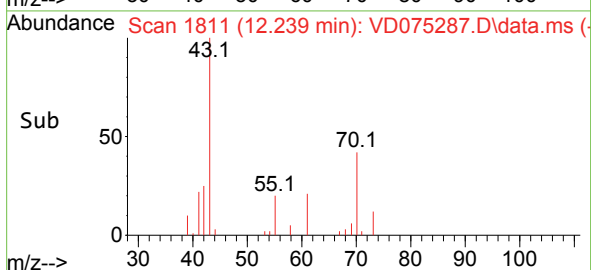
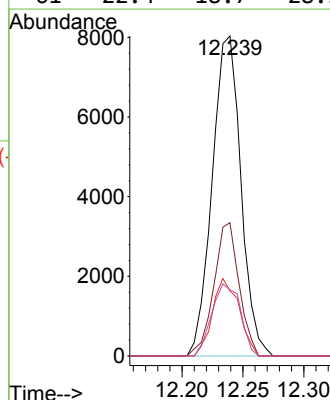
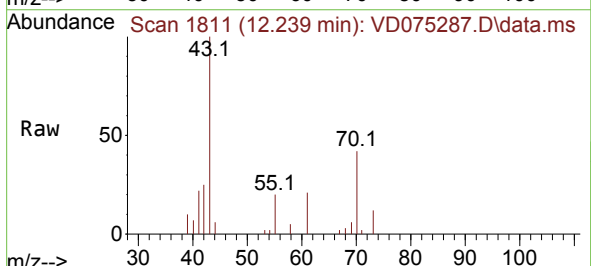
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

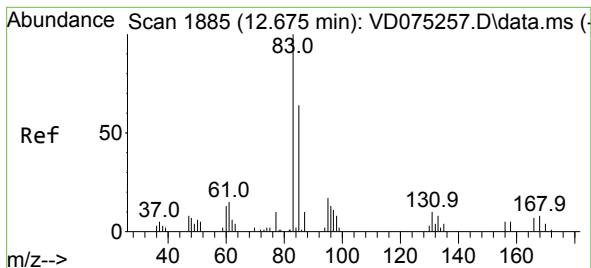
Tgt Ion:105 Resp: 61927
Ion Ratio Lower Upper
105 100
120 25.8 13.7 41.1



#74
N-ethyl acetate
Concen: 18.709 ug/l
RT: 12.239 min Scan# 1811
Delta R.T. 0.005 min
Lab File: VD075287.D
Acq: 09 Feb 2023 11:35

Tgt Ion: 43 Resp: 13173
Ion Ratio Lower Upper
43 100
70 36.6 32.6 49.0
55 22.4 17.8 26.8
61 22.4 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.349 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD075287.D

Acq: 09 Feb 2023 11:35

Instrument :

MSVOA_D

ClientSampleId :

VD0209SBSD01

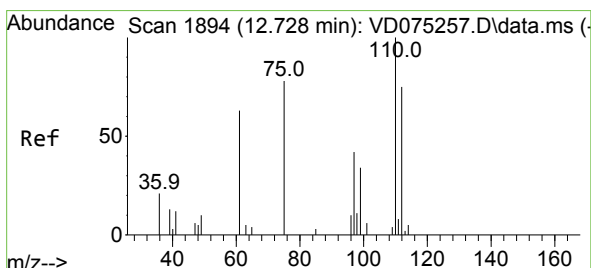
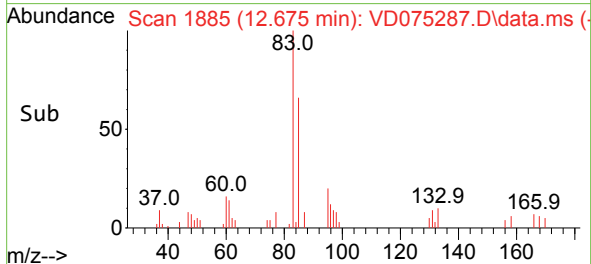
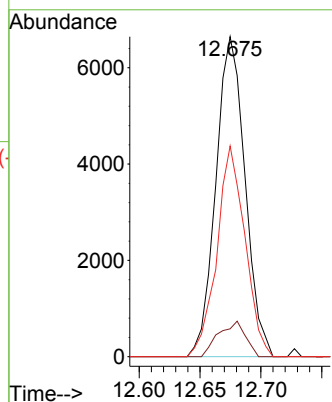
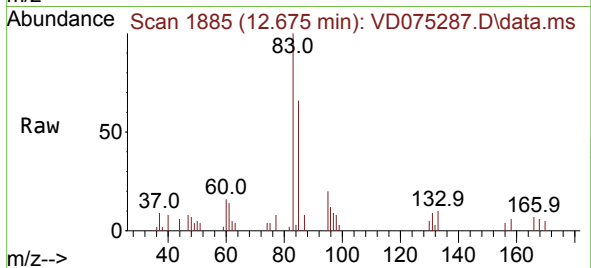
Tgt Ion: 83 Resp: 11093

Ion Ratio Lower Upper

83 100

131 10.1 4.9 14.6

85 63.3 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 29.142 ug/l

RT: 12.728 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VD075287.D

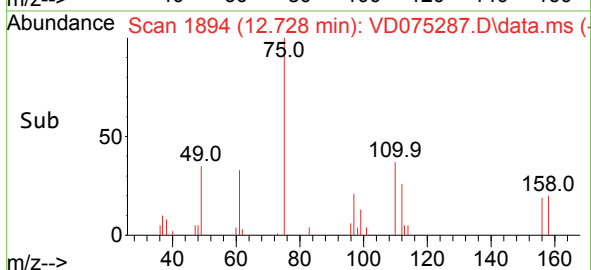
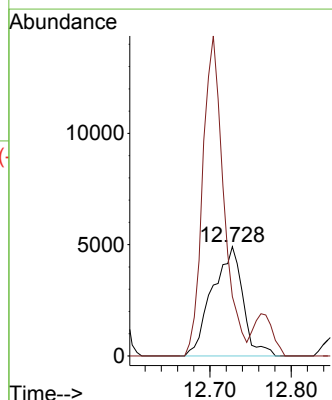
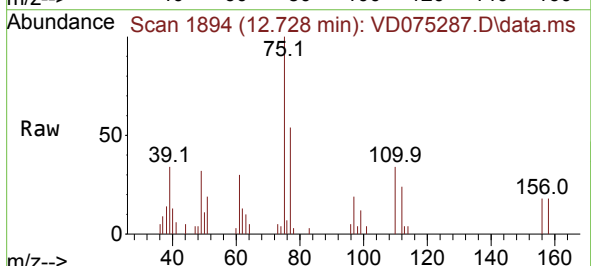
Acq: 09 Feb 2023 11:35

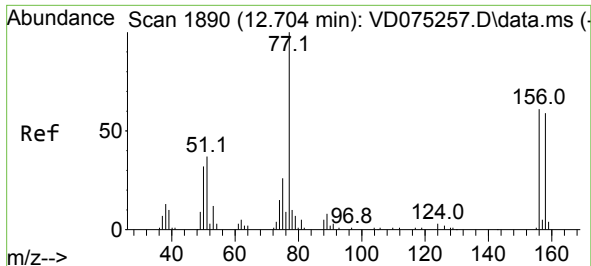
Tgt Ion: 75 Resp: 12803

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

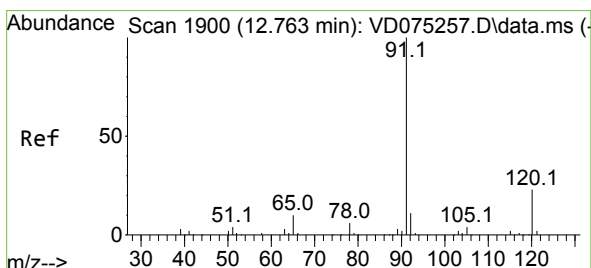
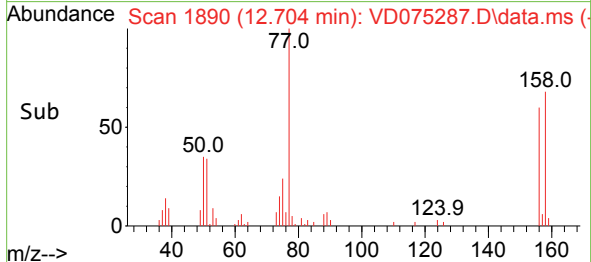
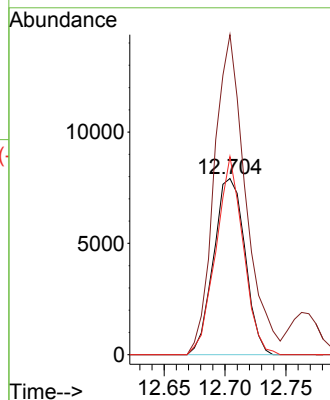
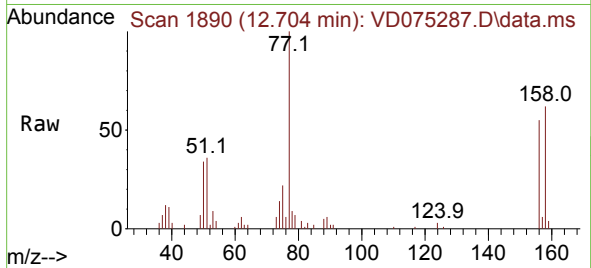




#77
Bromobenzene
Concen: 19.987 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD075287.D
Acq: 09 Feb 2023 11:35

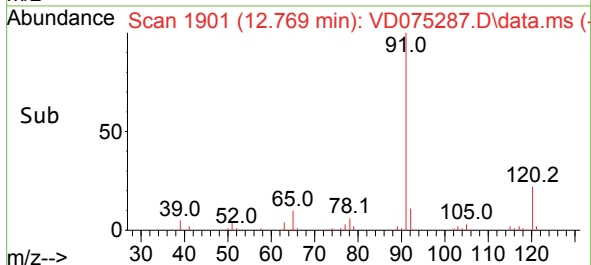
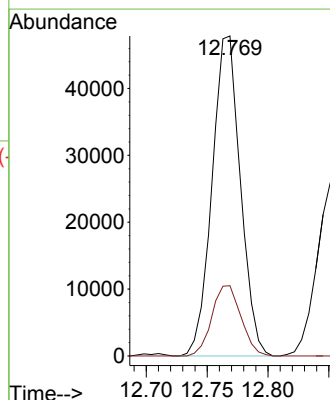
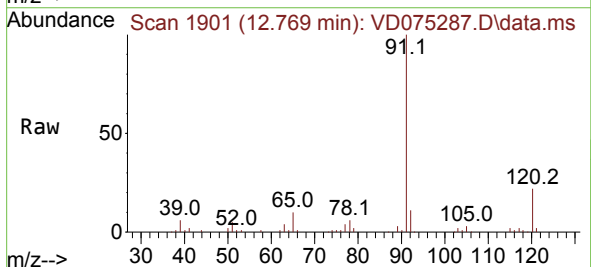
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBSD01

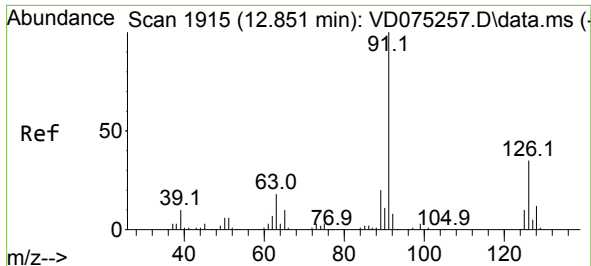
Tgt Ion:156 Resp: 14181
Ion Ratio Lower Upper
156 100
77 182.2 85.6 256.8
158 98.3 47.3 141.9



#78
n-propylbenzene
Concen: 19.881 ug/l
RT: 12.769 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VD075287.D
Acq: 09 Feb 2023 11:35

Tgt Ion: 91 Resp: 77514
Ion Ratio Lower Upper
91 100
120 22.6 11.7 35.0

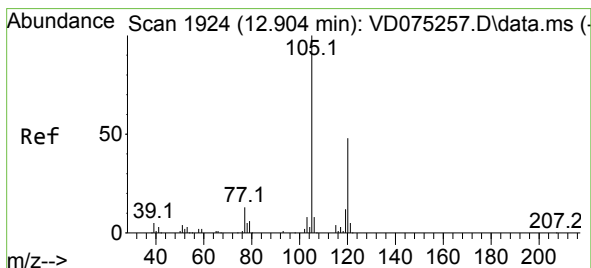
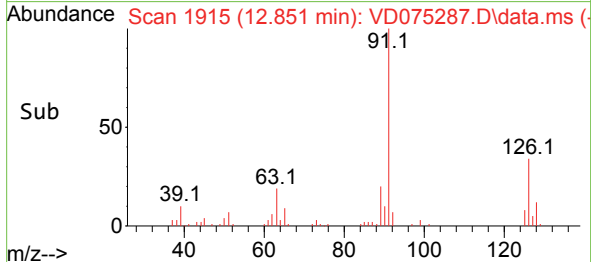
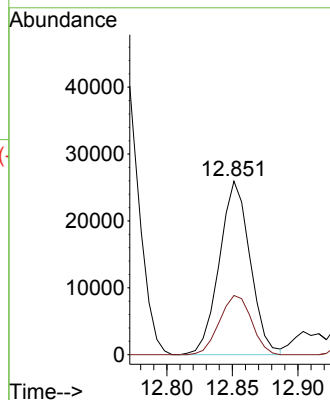
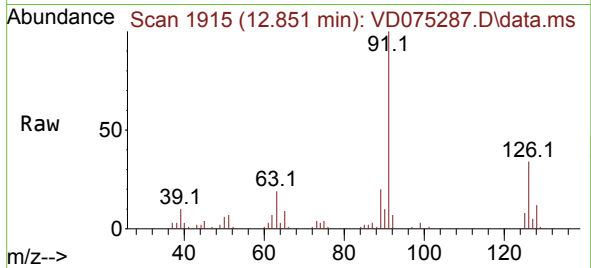




#79
2-Chlorotoluene
Concen: 19.848 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD075287.D
Acq: 09 Feb 2023 11:35

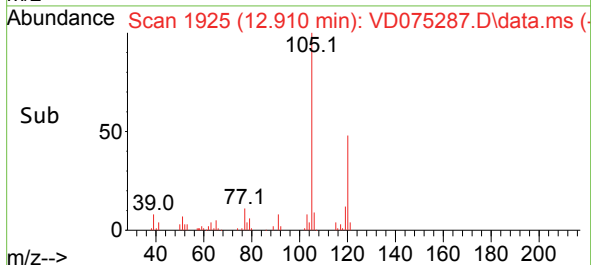
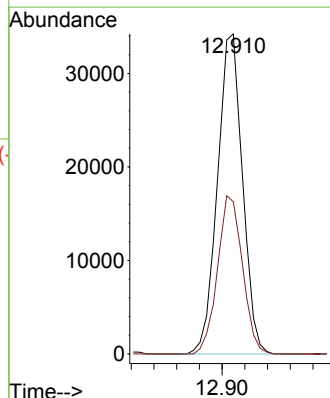
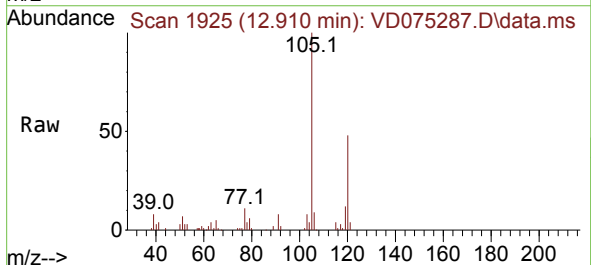
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBSD01

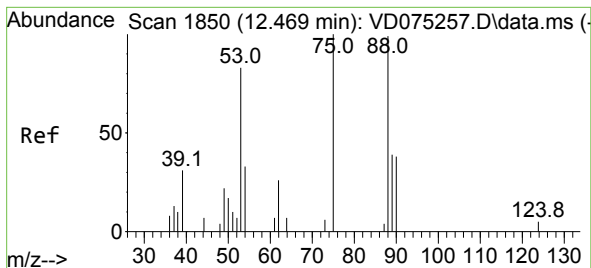
Tgt Ion: 91 Resp: 42447
Ion Ratio Lower Upper
91 100
126 35.3 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 20.068 ug/l
RT: 12.910 min Scan# 1925
Delta R.T. 0.006 min
Lab File: VD075287.D
Acq: 09 Feb 2023 11:35

Tgt Ion: 105 Resp: 52356
Ion Ratio Lower Upper
105 100
120 49.3 24.6 73.8

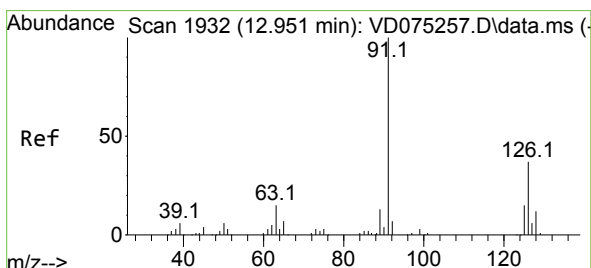
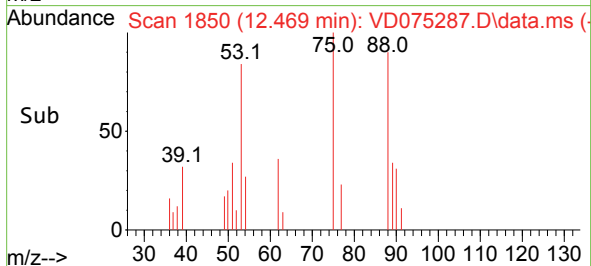
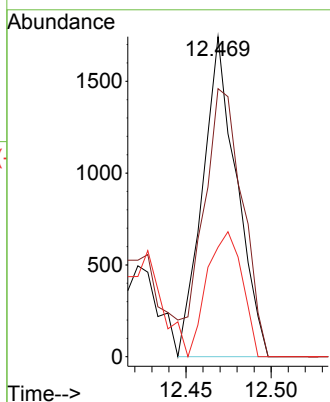
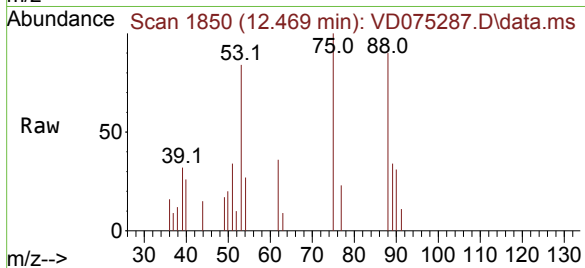




#81
trans-1,4-Dichloro-2-butene
Concen: 19.240 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD075287.D
Acq: 09 Feb 2023 11:35

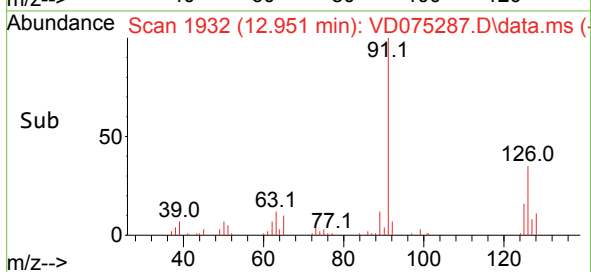
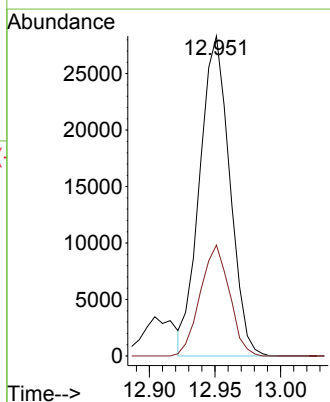
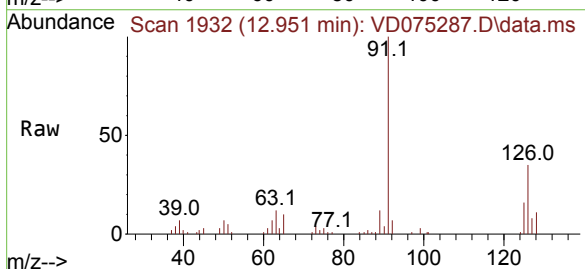
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBSD01

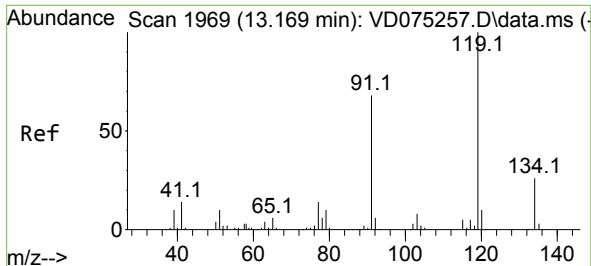
Tgt Ion: 75 Resp: 2422
Ion Ratio Lower Upper
75 100
53 95.6 70.5 105.7
89 40.1 34.6 52.0



#82
4-Chlorotoluene
Concen: 20.264 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.000 min
Lab File: VD075287.D
Acq: 09 Feb 2023 11:35

Tgt Ion: 91 Resp: 45206
Ion Ratio Lower Upper
91 100
126 33.7 17.3 52.0

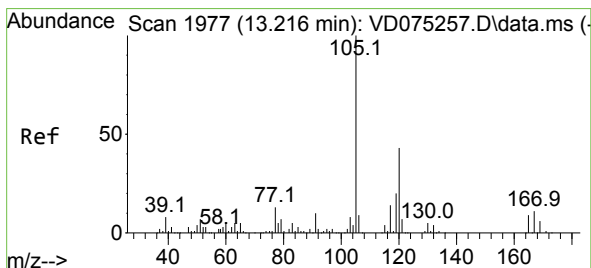
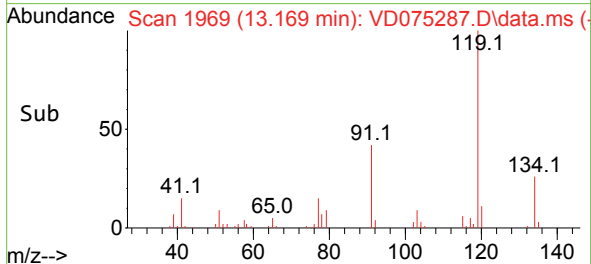
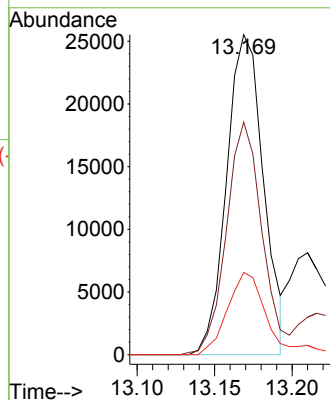
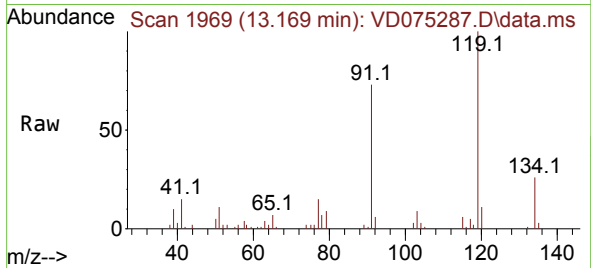




#83
tert-Butylbenzene
Concen: 18.791 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD075287.D
Acq: 09 Feb 2023 11:35

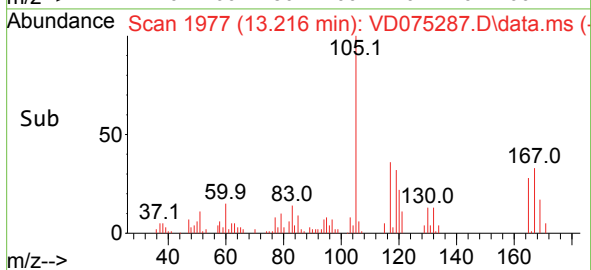
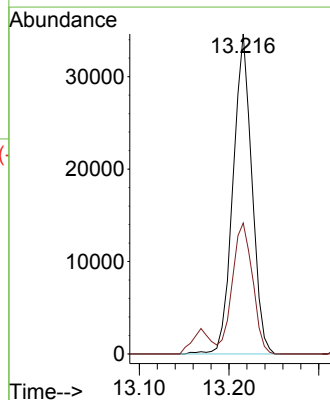
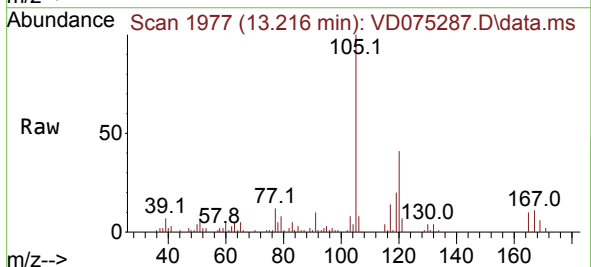
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBSD01

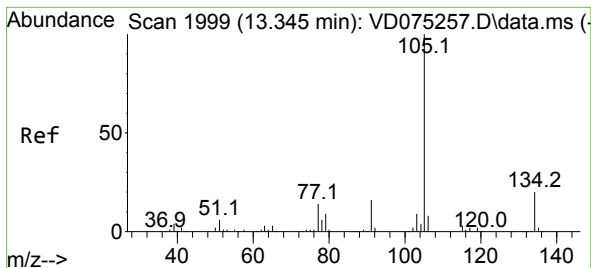
Tgt Ion:119 Resp: 42265
Ion Ratio Lower Upper
119 100
91 70.2 32.9 98.6
134 27.4 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 19.362 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD075287.D
Acq: 09 Feb 2023 11:35

Tgt Ion:105 Resp: 50454
Ion Ratio Lower Upper
105 100
120 43.9 23.2 69.5





#85

sec-Butylbenzene

Concen: 19.490 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD075287.D

Acq: 09 Feb 2023 11:35

Instrument :

MSVOA_D

ClientSampleId :

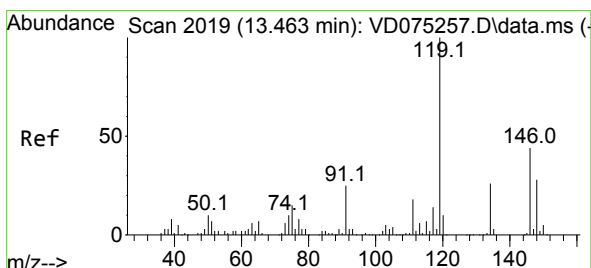
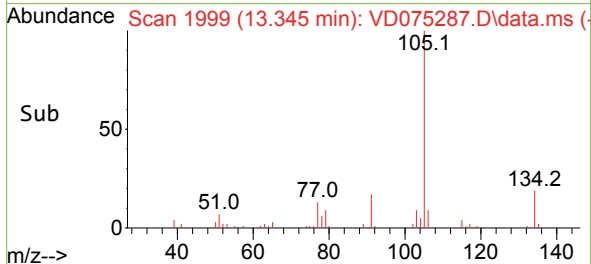
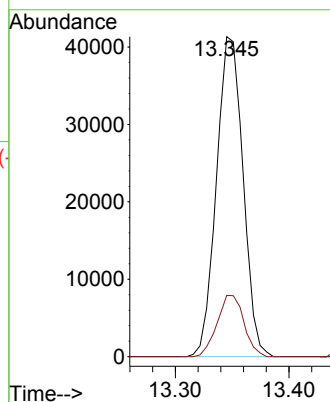
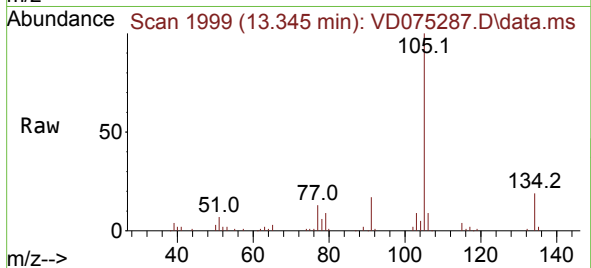
VD0209SBSD01

Tgt Ion:105 Resp: 67249

Ion Ratio Lower Upper

105 100

134 19.3 10.4 31.2



#86

p-Isopropyltoluene

Concen: 19.899 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VD075287.D

Acq: 09 Feb 2023 11:35

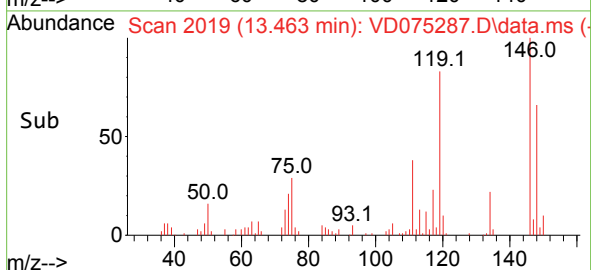
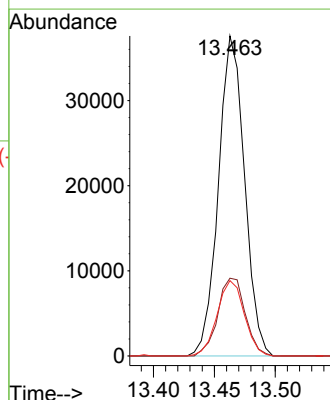
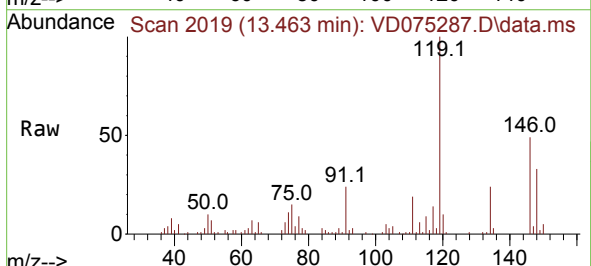
Tgt Ion:119 Resp: 56167

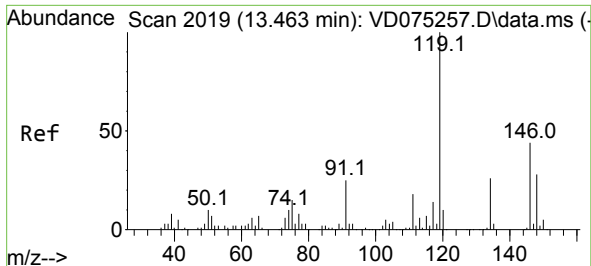
Ion Ratio Lower Upper

119 100

134 25.6 13.3 39.8

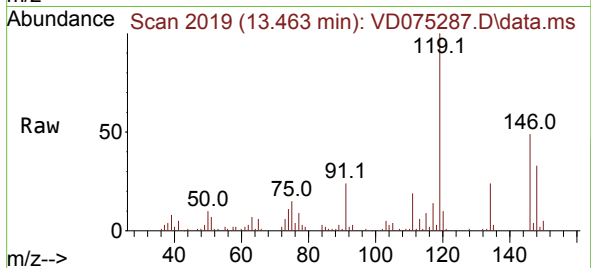
91 24.5 11.9 35.5



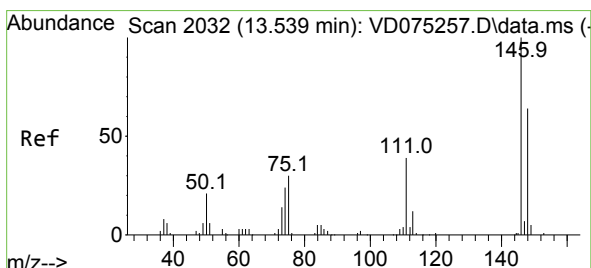
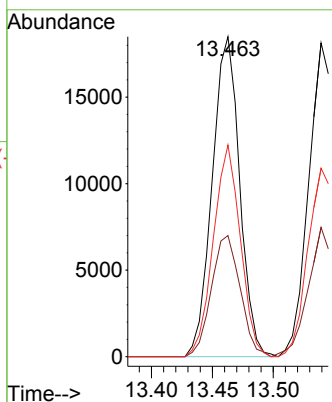
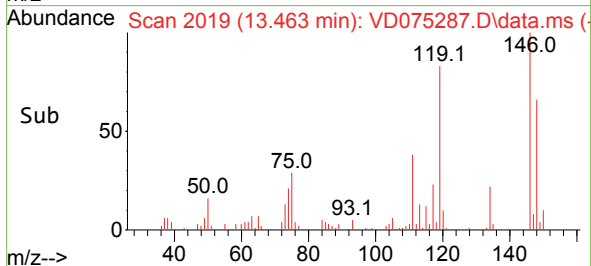


#87
 1,3-Dichlorobenzene
 Concen: 20.232 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD075287.D
 Acq: 09 Feb 2023 11:35

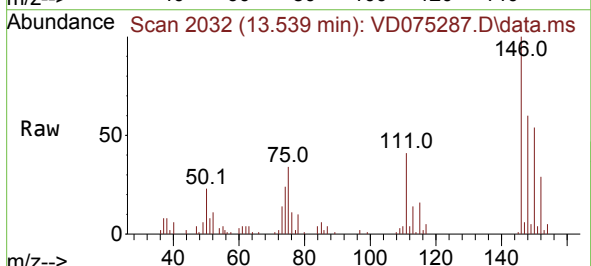
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0209SBSD01



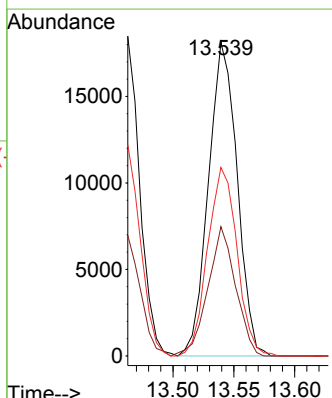
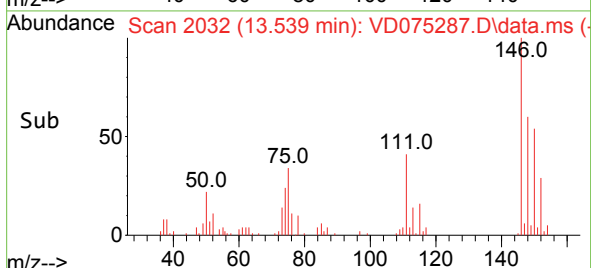
Tgt Ion:146 Resp: 29015
 Ion Ratio Lower Upper
 146 100
 111 39.7 18.9 56.9
 148 65.0 31.1 93.3

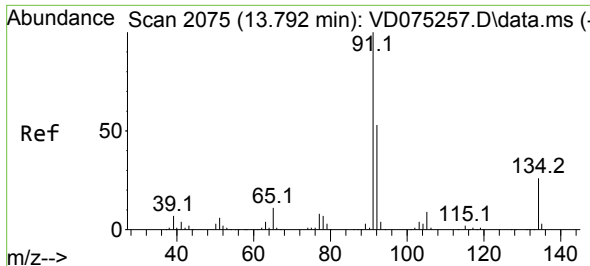


#88
 1,4-Dichlorobenzene
 Concen: 20.744 ug/l
 RT: 13.539 min Scan# 2032
 Delta R.T. 0.000 min
 Lab File: VD075287.D
 Acq: 09 Feb 2023 11:35



Tgt Ion:146 Resp: 29768
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.7 59.1
 148 61.6 31.9 95.5

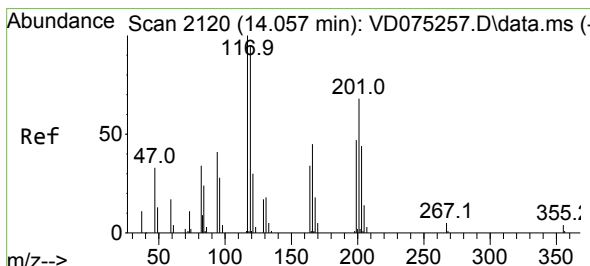
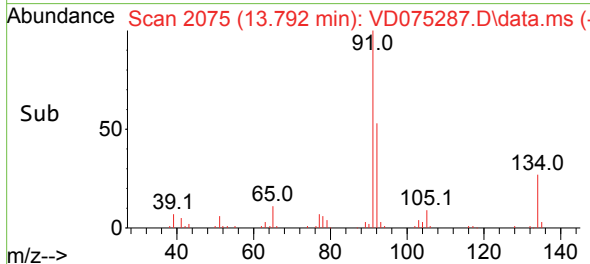
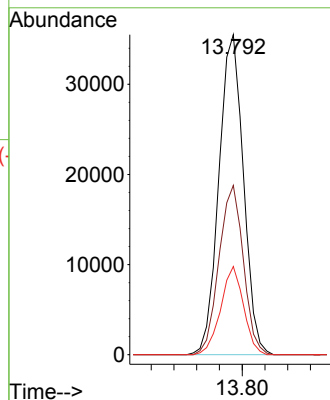
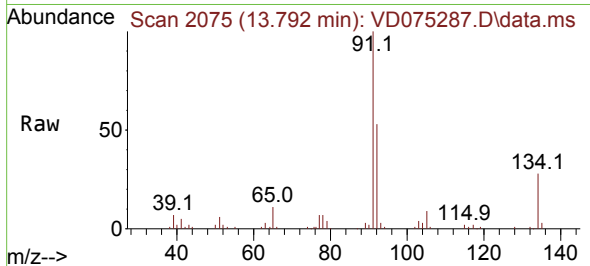




#89
n-Butylbenzene
Concen: 19.321 ug/l
RT: 13.792 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VD075287.D
Acq: 09 Feb 2023 11:35

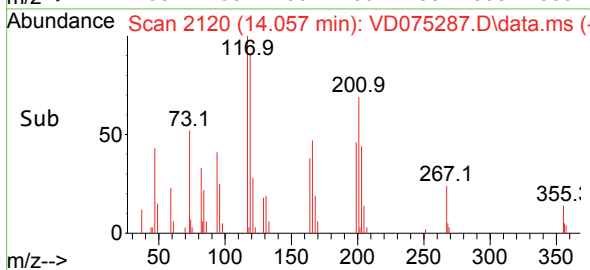
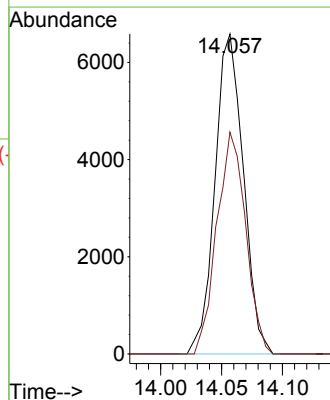
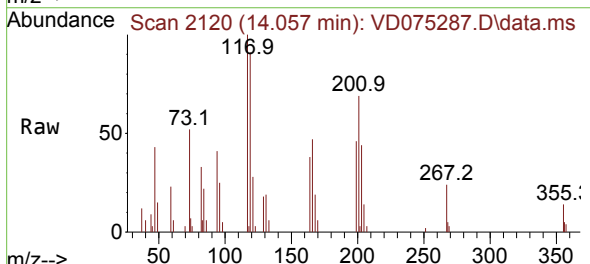
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBSD01

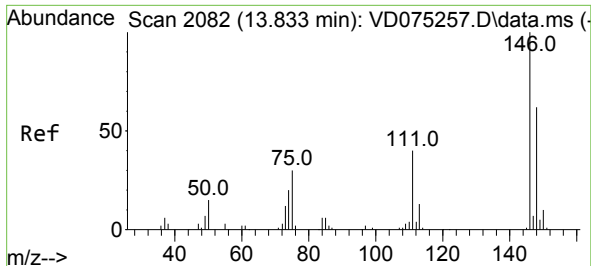
Tgt Ion: 91 Resp: 53240
Ion Ratio Lower Upper
91 100
92 52.5 26.8 80.3
134 25.7 13.3 39.8



#90
Hexachloroethane
Concen: 19.182 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. -0.000 min
Lab File: VD075287.D
Acq: 09 Feb 2023 11:35

Tgt Ion: 117 Resp: 10674
Ion Ratio Lower Upper
117 100
201 70.6 35.1 105.5

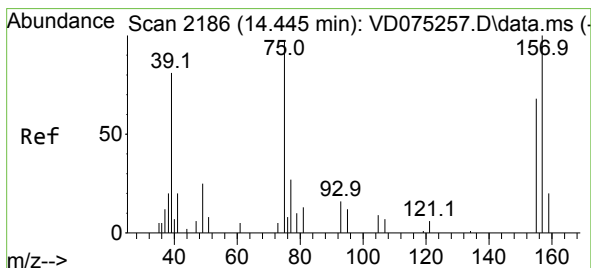
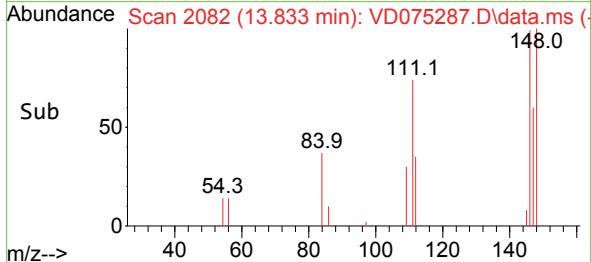
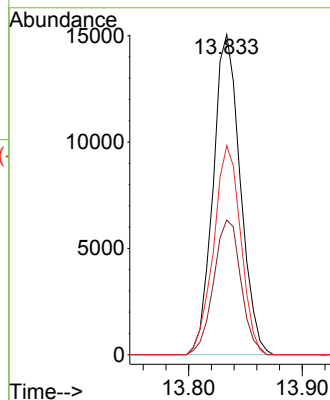
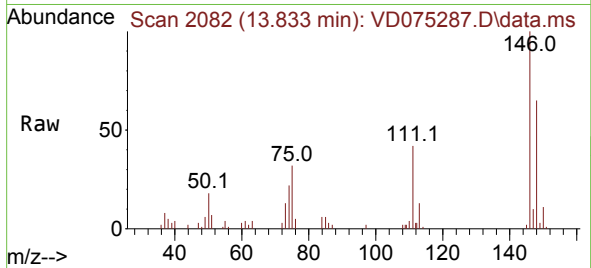




#91
1,2-Dichlorobenzene
Concen: 20.070 ug/l
RT: 13.833 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD075287.D
Acq: 09 Feb 2023 11:35

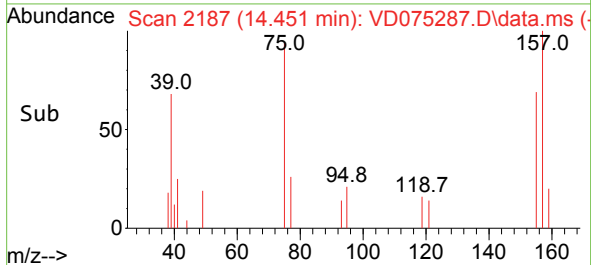
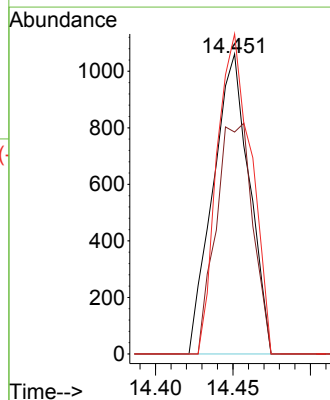
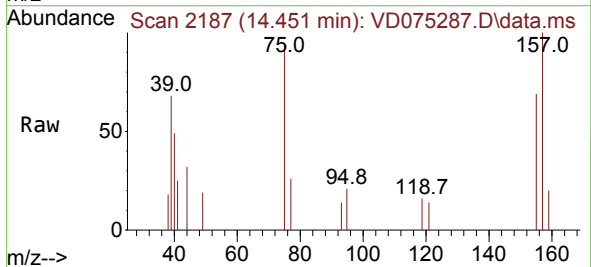
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

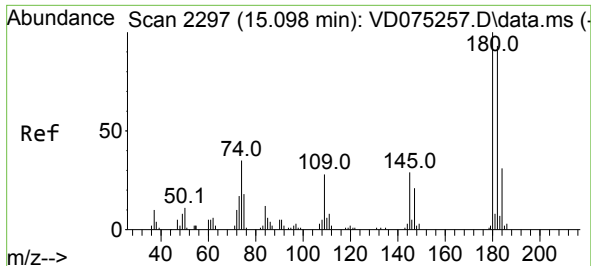
Tgt Ion:146 Resp: 24974
Ion Ratio Lower Upper
146 100
111 42.4 20.4 61.2
148 65.2 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.437 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VD075287.D
Acq: 09 Feb 2023 11:35

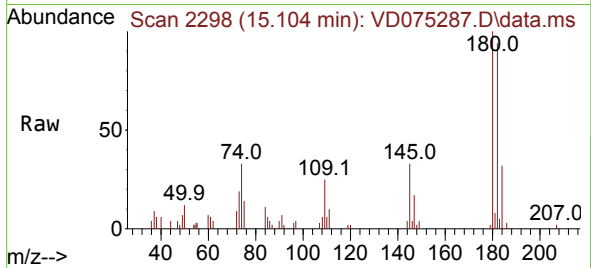
Tgt Ion: 75 Resp: 1728
Ion Ratio Lower Upper
75 100
155 77.8 43.4 130.2
157 100.2 56.4 169.2



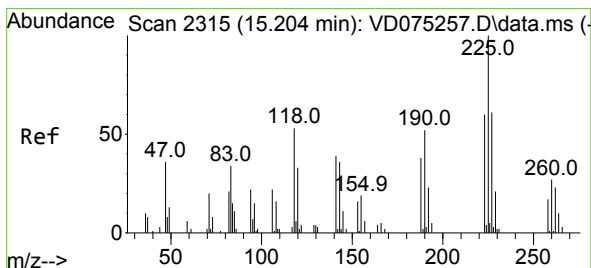
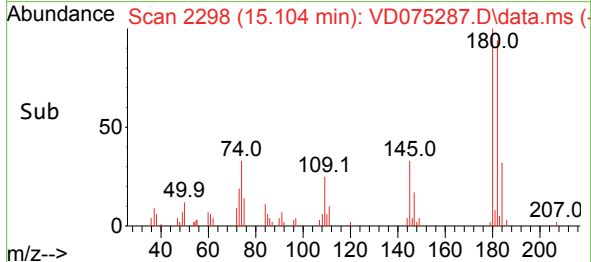
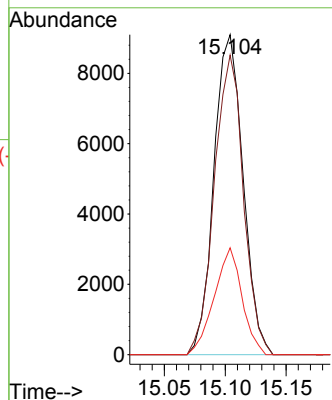


#93
1,2,4-Trichlorobenzene
Concen: 19.484 ug/l
RT: 15.104 min Scan# 211
Delta R.T. 0.006 min
Lab File: VD075287.D
Acq: 09 Feb 2023 11:35

Instrument :
MSVOA_D
ClientSampleId :
VD0209SBSD01

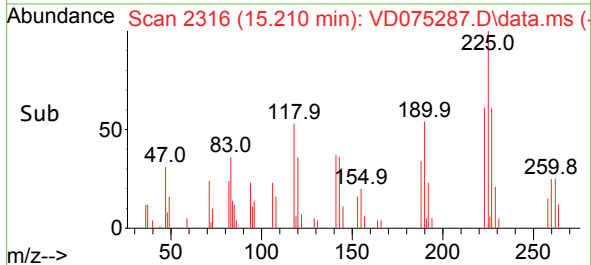
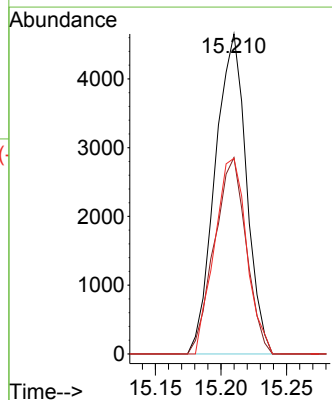
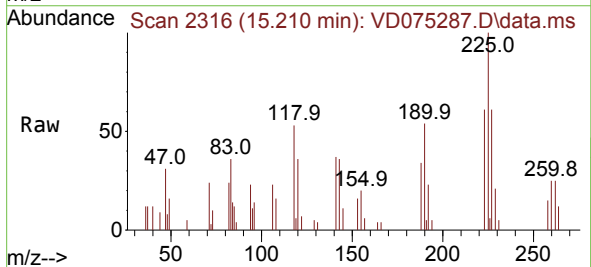


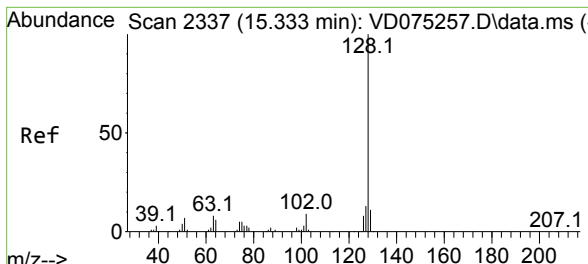
Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	46.2	138.6
145	31.9	15.8	47.4



#94
Hexachlorobutadiene
Concen: 18.739 ug/l
RT: 15.210 min Scan# 2316
Delta R.T. 0.006 min
Lab File: VD075287.D
Acq: 09 Feb 2023 11:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	31.8	95.4
227	63.0	30.7	92.1

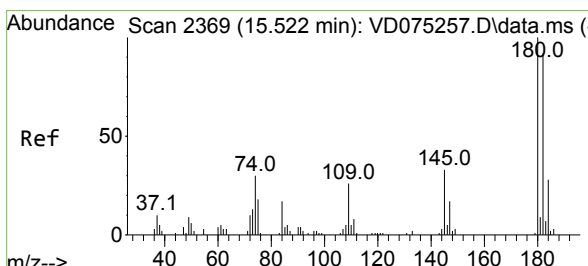
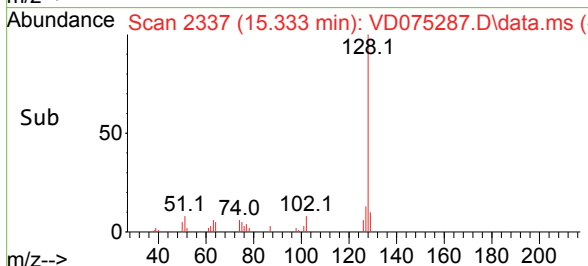
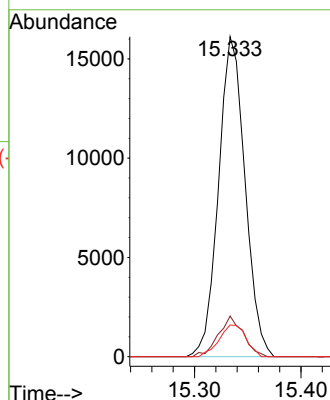
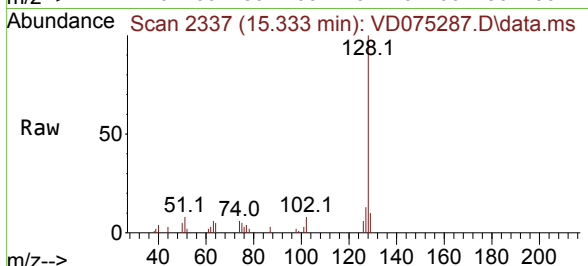




#95
Naphthalene
Concen: 19.162 ug/l
RT: 15.333 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD075287.D
Acq: 09 Feb 2023 11:35

Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

Tgt Ion:128	Resp:	27795
Ion Ratio	Lower	Upper
128	100	
127	11.9	10.6 15.8
129	10.1	8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.685 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD075287.D
Acq: 09 Feb 2023 11:35

Tgt Ion:180	Resp:	13236
Ion Ratio	Lower	Upper
180	100	
182	94.3	47.0 141.0
145	32.4	16.1 48.3

