

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041123\
 Data File : VD075622.D
 Acq On : 11 Apr 2023 16:10
 Operator : KP/SY
 Sample : VD0411SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0411SBS01

Quant Time: Apr 12 02:56:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 11 18:54:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	197386	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	341646	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	373678	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	197856	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	88207	54.474	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.940%	
35) Dibromofluoromethane	7.805	113	107951	53.915	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.840%	
50) Toluene-d8	10.269	98	412916	52.577	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.160%	
62) 4-Bromofluorobenzene	12.575	95	140443	57.844	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 115.680%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	28540	20.466	ug/l	99
3) Chloromethane	2.146	50	48977	17.754	ug/l	97
4) Vinyl Chloride	2.281	62	67477	19.876	ug/l	99
5) Bromomethane	2.675	94	53754	19.884	ug/l	99
6) Chloroethane	2.828	64	48997	20.574	ug/l	96
7) Trichlorofluoromethane	3.170	101	59691	20.611	ug/l	94
8) Diethyl Ether	3.593	74	19447	21.741	ug/l	65
9) 1,1,2-Trichlorotrifluo...	3.964	101	39840	20.900	ug/l	91
10) Methyl Iodide	4.164	142	44562	19.551	ug/l	91
11) Tert butyl alcohol	5.058	59	10699	139.759	ug/l #	100
12) 1,1-Dichloroethene	3.940	96	36055	19.705	ug/l	85
13) Acrolein	3.799	56	15256	128.927	ug/l	98
14) Allyl chloride	4.564	41	34859	21.110	ug/l #	80
15) Acrylonitrile	5.252	53	38953	113.643	ug/l	98
16) Acetone	4.022	43	35710	121.032	ug/l #	82
17) Carbon Disulfide	4.269	76	88094	18.602	ug/l	97
18) Methyl Acetate	4.569	43	20912	23.485	ug/l #	66
19) Methyl tert-butyl Ether	5.322	73	80208	20.741	ug/l	93
20) Methylene Chloride	4.799	84	92820	34.285	ug/l #	73
21) trans-1,2-Dichloroethene	5.305	96	43194	20.000	ug/l #	72
22) Diisopropyl ether	6.211	45	86330	21.312	ug/l #	88
23) Vinyl Acetate	6.158	43	206616	108.677	ug/l #	86
24) 1,1-Dichloroethane	6.111	63	69379	20.741	ug/l	95
25) 2-Butanone	7.081	43	45801	119.615	ug/l #	66
26) 2,2-Dichloropropane	7.075	77	64480	21.013	ug/l	93
27) cis-1,2-Dichloroethene	7.087	96	50566	19.885	ug/l	83
28) Bromochloromethane	7.428	49	24096	21.082	ug/l #	47
29) Tetrahydrofuran	7.446	42	23093	113.889	ug/l #	49
30) Chloroform	7.599	83	80131	21.057	ug/l	93
31) Cyclohexane	7.875	56	44886	19.053	ug/l #	54
32) 1,1,1-Trichloroethane	7.793	97	65479	20.676	ug/l	96
36) 1,1-Dichloropropene	8.010	75	53118	20.773	ug/l	95
37) Ethyl Acetate	7.169	43	18847	24.515	ug/l #	79
38) Carbon Tetrachloride	7.993	117	50476	20.584	ug/l	99
39) Methylcyclohexane	9.275	83	55756	18.311	ug/l	91
40) Benzene	8.252	78	171027	20.756	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	9706	23.053	ug/l #	67
42) 1,2-Dichloroethane	8.328	62	42129	22.005	ug/l	92
43) Isopropyl Acetate	8.363	43	33910	23.105	ug/l #	79
44) Trichloroethene	9.028	130	48247	19.991	ug/l	94
45) 1,2-Dichloropropane	9.305	63	39560	20.581	ug/l #	86
46) Dibromomethane	9.399	93	25124	21.052	ug/l	95
47) Bromodichloromethane	9.587	83	60709	21.035	ug/l	92
48) Methyl methacrylate	9.381	41	14087	21.180	ug/l #	56
49) 1,4-Dioxane	9.387	88	5336	493.232	ug/l #	75
51) 4-Methyl-2-Pentanone	10.157	43	90136	114.089	ug/l #	78
52) Toluene	10.334	92	109916	19.751	ug/l	92
53) t-1,3-Dichloropropene	10.557	75	54046	20.660	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	66097	20.780	ug/l #	75
55) 1,1,2-Trichloroethane	10.734	97	38742	22.013	ug/l	92
56) Ethyl methacrylate	10.599	69	34984	20.623	ug/l #	67
57) 1,3-Dichloropropane	10.881	76	57012	21.514	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	88452	107.847	ug/l #	87
59) 2-Hexanone	10.922	43	65971	118.529	ug/l	76
60) Dibromochloromethane	11.075	129	43096	20.509	ug/l	98
61) 1,2-Dibromoethane	11.181	107	34174	20.317	ug/l	98
64) Tetrachloroethene	10.810	164	39206	17.444	ug/l	96
65) Chlorobenzene	11.610	112	146001	20.128	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	53290	20.775	ug/l	96
67) Ethyl Benzene	11.687	91	232097	19.394	ug/l	95
68) m/p-Xylenes	11.793	106	193424	39.240	ug/l	89
69) o-Xylene	12.122	106	89336	19.394	ug/l	91
70) Styrene	12.134	104	156135	19.475	ug/l	93
71) Bromoform	12.298	173	30923	23.324	ug/l #	95
73) Isopropylbenzene	12.422	105	218892	17.828	ug/l	97
74) N-amyl acetate	12.234	43	34905	20.270	ug/l #	75
75) 1,1,2,2-Tetrachloroethane	12.675	83	49179	21.414	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	56079	36.216	ug/l #	100
77) Bromobenzene	12.704	156	64032	20.662	ug/l	84
78) n-propylbenzene	12.763	91	288633	19.552	ug/l	96
79) 2-Chlorotoluene	12.851	91	162329	19.882	ug/l	92
80) 1,3,5-Trimethylbenzene	12.904	105	198448	19.735	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	12334	18.256	ug/l #	75
82) 4-Chlorotoluene	12.951	91	170769	20.163	ug/l	91
83) tert-Butylbenzene	13.169	119	165005	18.899	ug/l	93
84) 1,2,4-Trimethylbenzene	13.216	105	198290	19.527	ug/l	92
85) sec-Butylbenzene	13.345	105	256953	19.259	ug/l	97
86) p-Isopropyltoluene	13.463	119	214086	19.088	ug/l	94
87) 1,3-Dichlorobenzene	13.463	146	128316	19.828	ug/l	95
88) 1,4-Dichlorobenzene	13.540	146	130493	20.389	ug/l	96
89) n-Butylbenzene	13.787	91	187202	18.358	ug/l	97
90) Hexachloroethane	14.057	117	42306	19.941	ug/l	93
91) 1,2-Dichlorobenzene	13.834	146	112557	20.178	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	5563	19.364	ug/l	86
93) 1,2,4-Trichlorobenzene	15.098	180	48325	16.334	ug/l	97
94) Hexachlorobutadiene	15.204	225	23071	16.462	ug/l	96
95) Naphthalene	15.334	128	91369	16.264	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	42883	16.359	ug/l	97

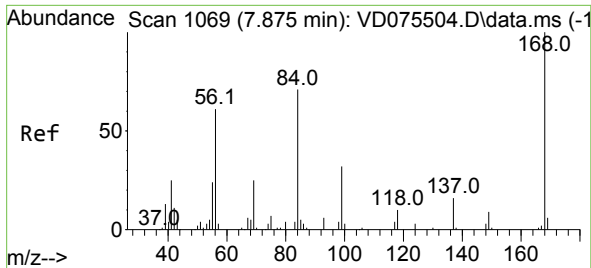
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Response via : Initial Calibration

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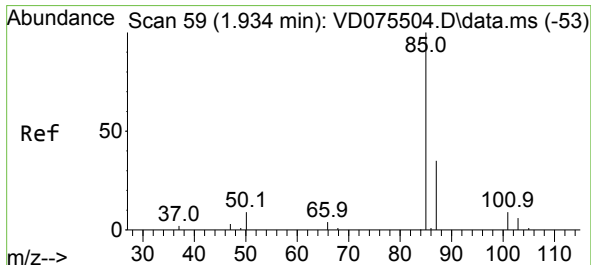
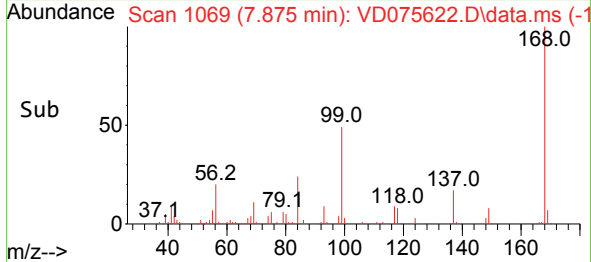
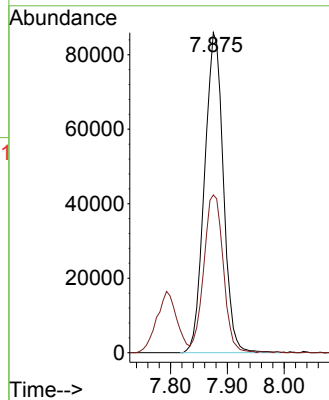
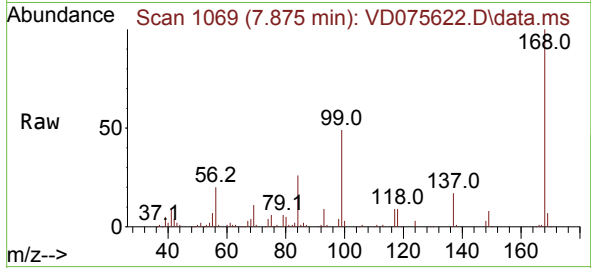
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075622.D
Acq: 11 Apr 2023 16:10

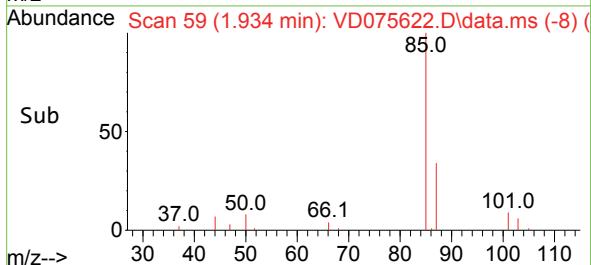
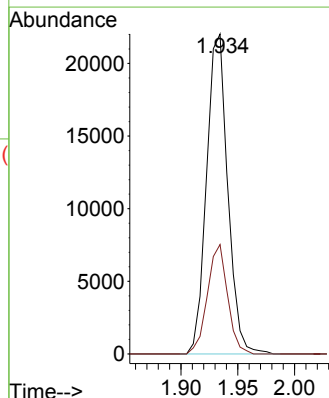
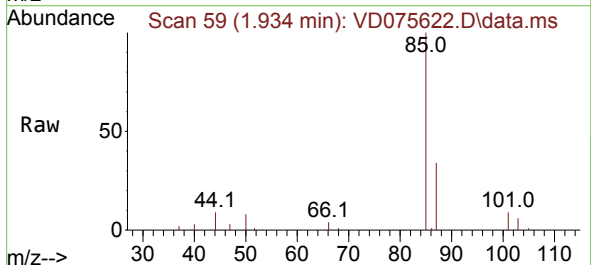
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ClientSampleId :
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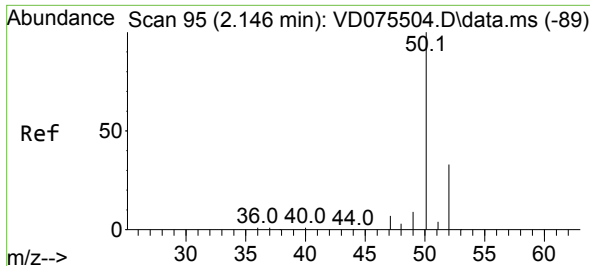
Tgt Ion:168 Resp: 197386
Ion Ratio Lower Upper
168 100
99 49.1 43.8 65.6



#2
Dichlorodifluoromethane
Concen: 20.466 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD075622.D
Acq: 11 Apr 2023 16:10

Tgt Ion: 85 Resp: 28540
Ion Ratio Lower Upper
85 100
87 34.2 17.3 51.7

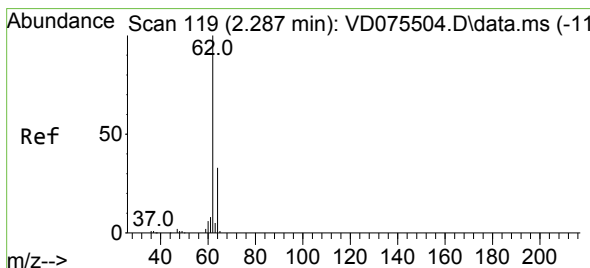
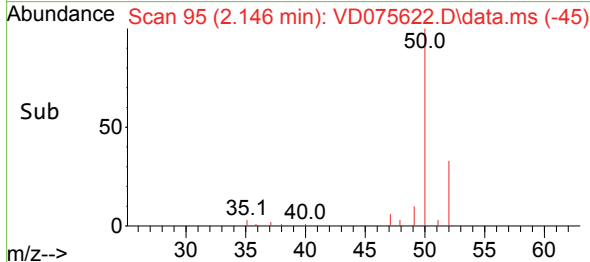
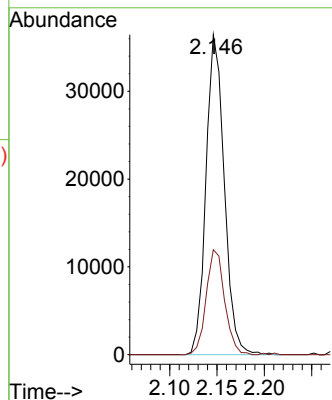
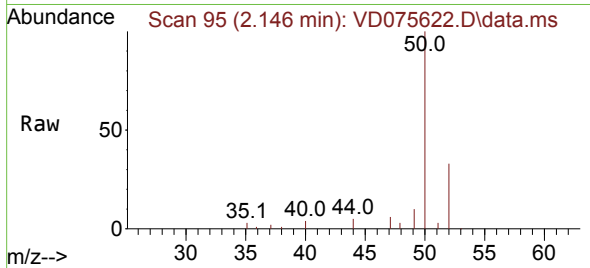




#3
Chloromethane
Concen: 17.754 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD075622.D
Acq: 11 Apr 2023 16:10

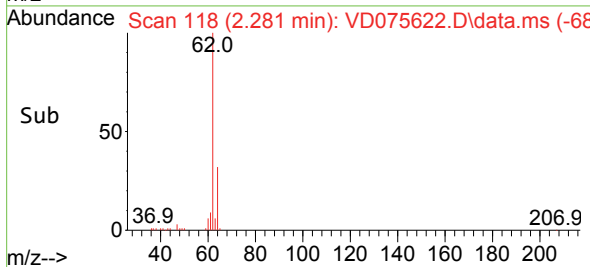
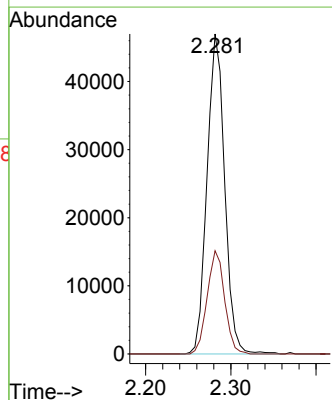
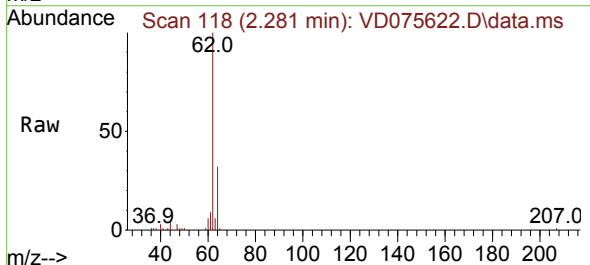
Instrument :
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ClientSampleId :
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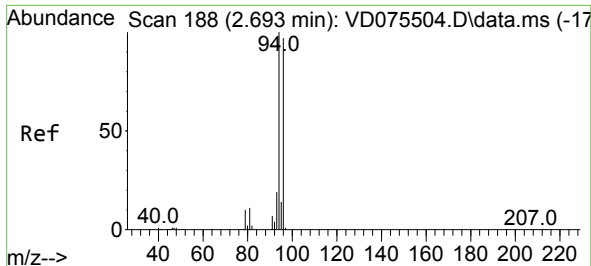
Tgt Ion: 50 Resp: 48977
Ion Ratio Lower Upper
50 100
52 32.8 27.8 41.8



#4
Vinyl Chloride
Concen: 19.876 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD075622.D
Acq: 11 Apr 2023 16:10

Tgt Ion: 62 Resp: 67477
Ion Ratio Lower Upper
62 100
64 32.3 25.4 38.0

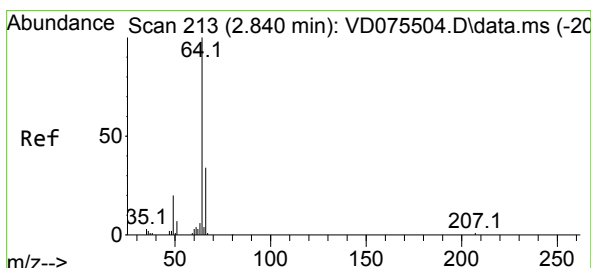
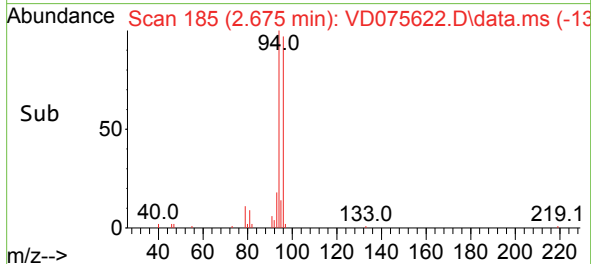
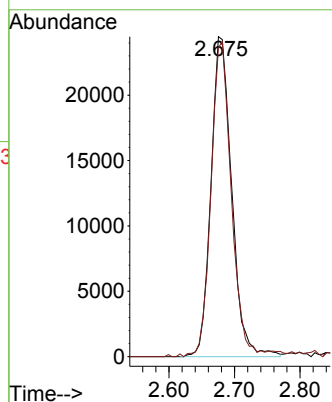
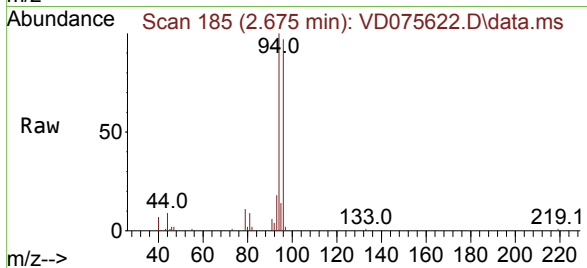




#5
Bromomethane
Concen: 19.884 ug/l
RT: 2.675 min Scan# 11
Delta R.T. -0.018 min
Lab File: VD075622.D
Acq: 11 Apr 2023 16:10

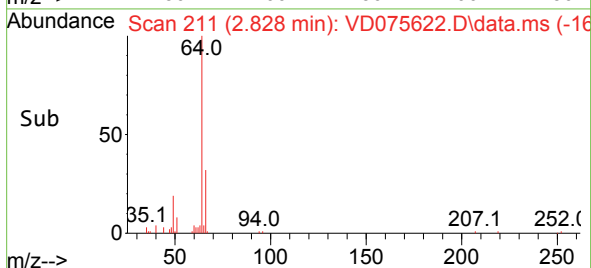
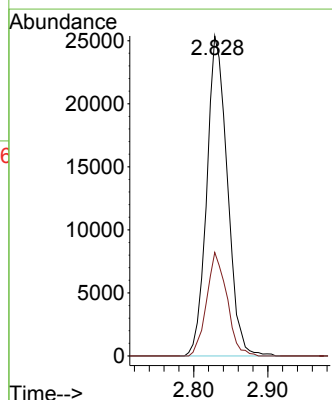
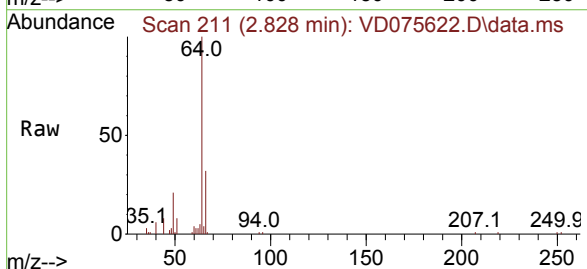
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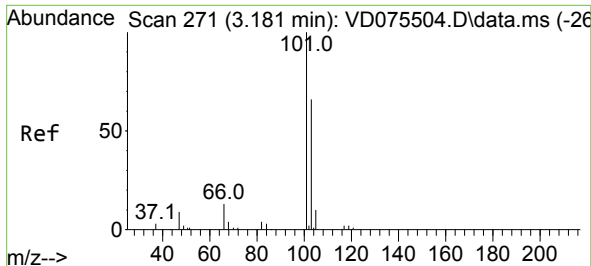
Tgt Ion: 94 Resp: 53754
Ion Ratio Lower Upper
94 100
96 95.9 77.5 116.3



#6
Chloroethane
Concen: 20.574 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.012 min
Lab File: VD075622.D
Acq: 11 Apr 2023 16:10

Tgt Ion: 64 Resp: 48997
Ion Ratio Lower Upper
64 100
66 32.3 27.7 41.5

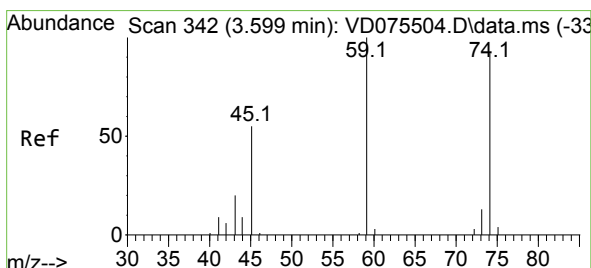
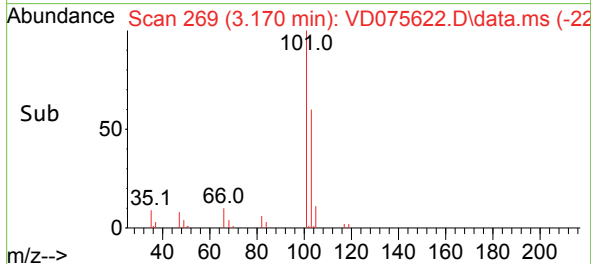
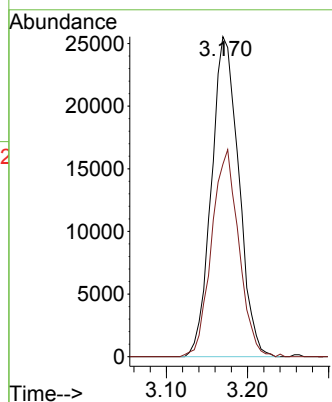
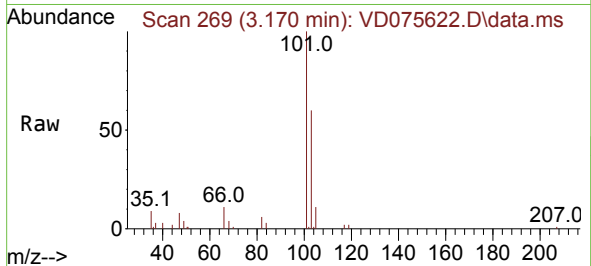




#7
Trichlorofluoromethane
Concen: 20.611 ug/l
RT: 3.170 min Scan# 207
Delta R.T. -0.012 min
Lab File: VD075622.D
Acq: 11 Apr 2023 16:10

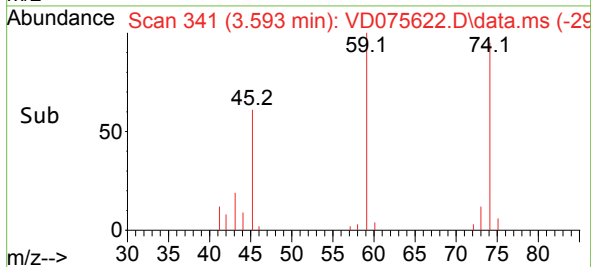
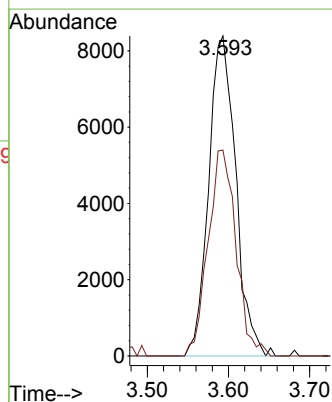
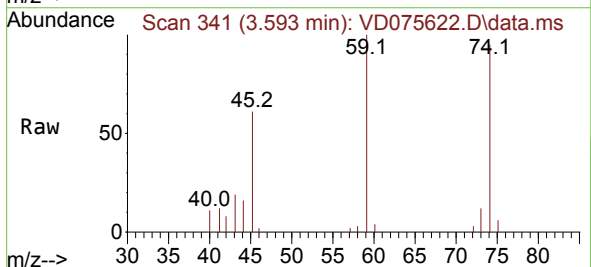
Instrument :
MSVOA_D
ClientSampleId :
VD0411SBS01

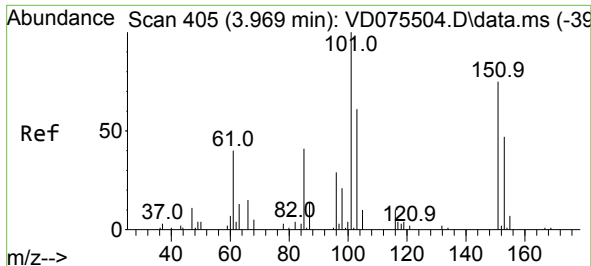
Tgt Ion:101 Resp: 59691
Ion Ratio Lower Upper
101 100
103 60.1 51.9 77.9



#8
Diethyl Ether
Concen: 21.741 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD075622.D
Acq: 11 Apr 2023 16:10

Tgt Ion: 74 Resp: 19447
Ion Ratio Lower Upper
74 100
45 66.6 50.9 152.7

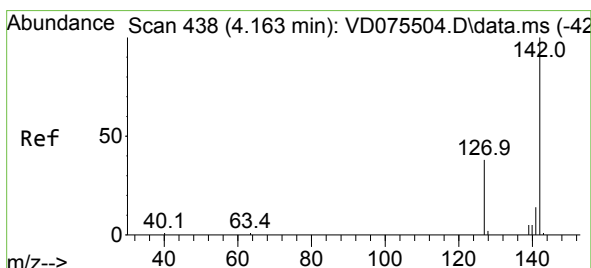
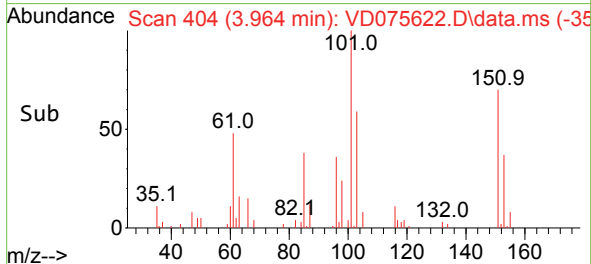
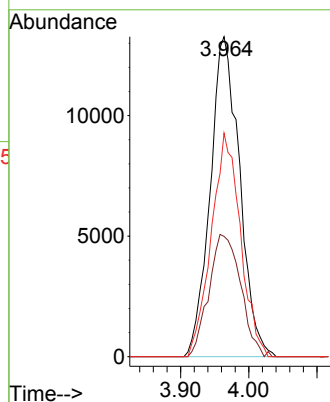
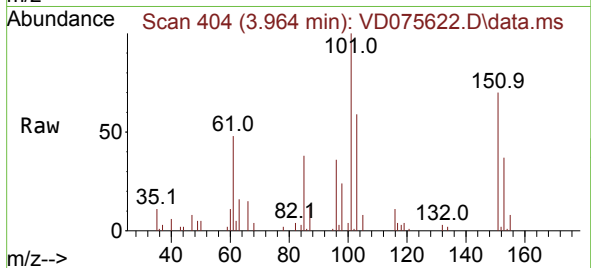




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.900 ug/l
RT: 3.964 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD075622.D
Acq: 11 Apr 2023 16:10

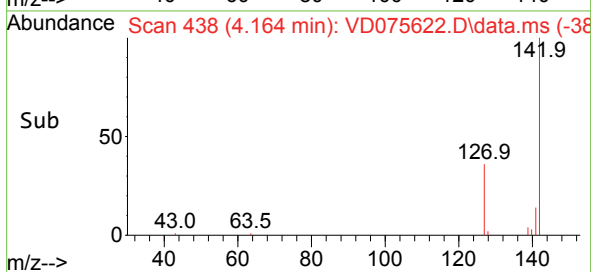
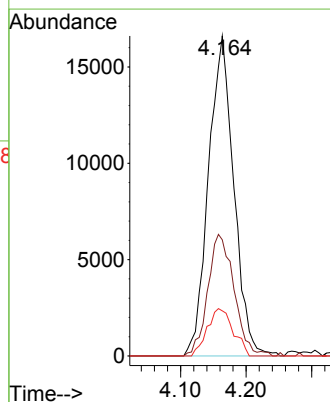
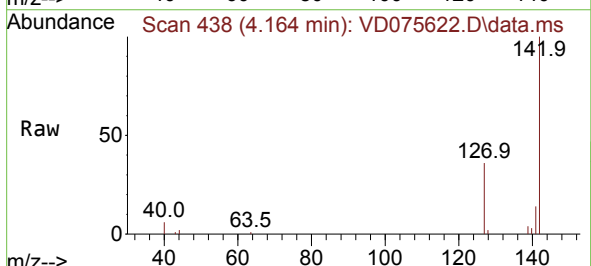
Instrument :
MSVOA_D
ClientSampleId :
VD0411SBS01

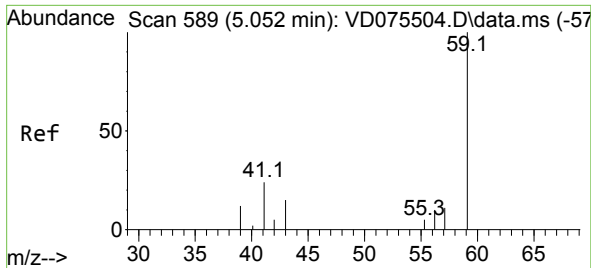
Tgt Ion:101 Resp: 39840
Ion Ratio Lower Upper
101 100
85 41.2 38.3 57.5
151 69.0 60.4 90.6



#10
Methyl Iodide
Concen: 19.551 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.000 min
Lab File: VD075622.D
Acq: 11 Apr 2023 16:10

Tgt Ion:142 Resp: 44562
Ion Ratio Lower Upper
142 100
127 39.4 37.1 55.7
141 15.1 11.3 16.9

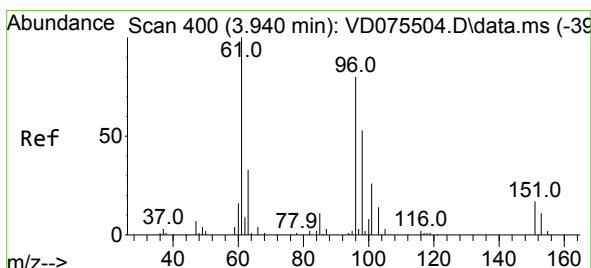
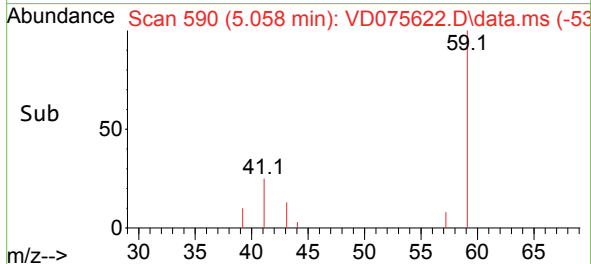
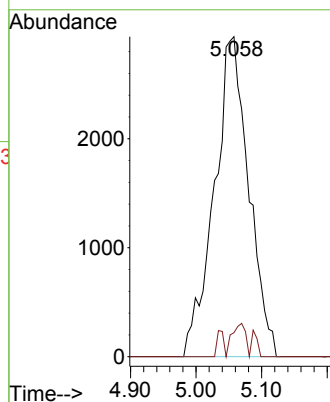
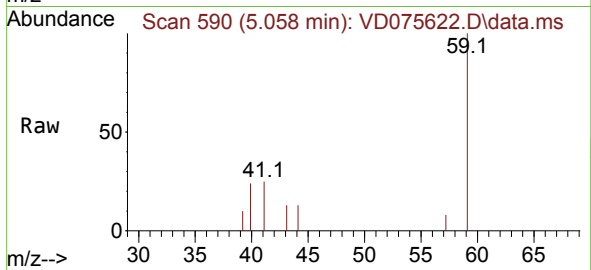




#11
Tert butyl alcohol
Concen: 139.759 ug/l
RT: 5.058 min Scan# 51
Delta R.T. -0.000 min
Lab File: VD075622.D
Acq: 11 Apr 2023 16:10

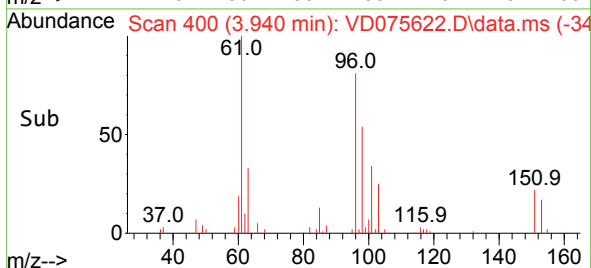
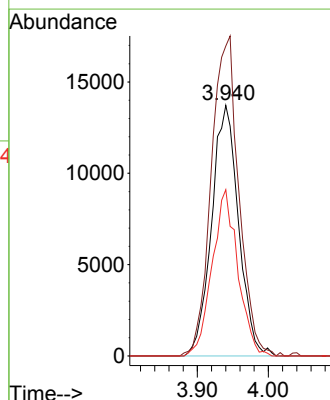
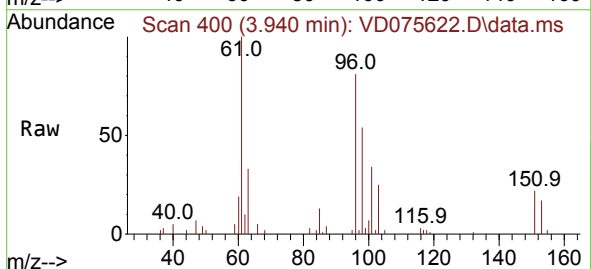
Instrument :
MSVOA_D
ClientSampleId :
VD0411SBS01

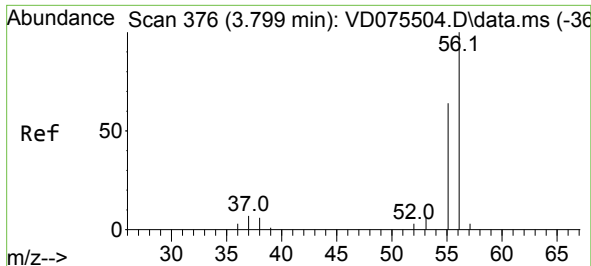
Tgt Ion: 59 Resp: 10699
Ion Ratio Lower Upper
59 100
57 4.1 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 19.705 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD075622.D
Acq: 11 Apr 2023 16:10

Tgt Ion: 96 Resp: 36055
Ion Ratio Lower Upper
96 100
61 123.7 118.6 177.8
98 66.3 49.7 74.5





#13

Acrolein

Concen: 128.927 ug/l

RT: 3.799 min Scan# 31

Delta R.T. 0.006 min

Lab File: VD075622.D

Acq: 11 Apr 2023 16:10

Instrument :

MSVOA_D

ClientSampleId :

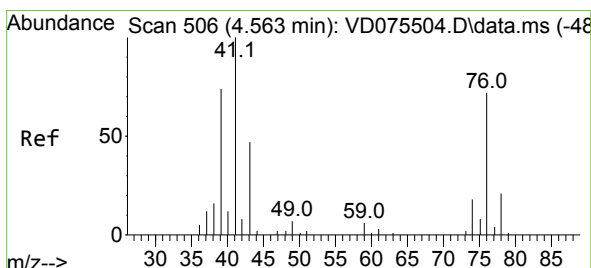
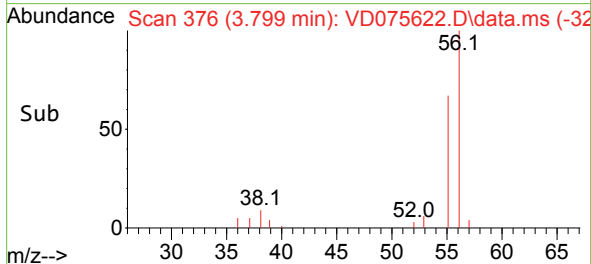
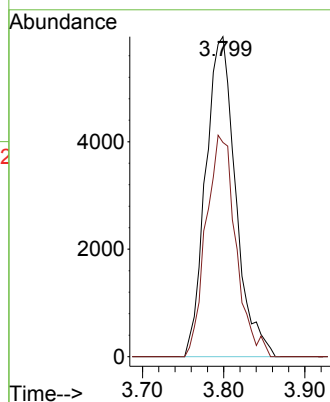
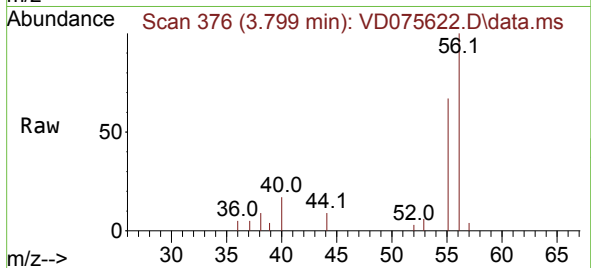
VD0411SBS01

Tgt Ion: 56 Resp: 15256

Ion Ratio Lower Upper

56 100

55 68.9 53.9 80.9



#14

Allyl chloride

Concen: 21.110 ug/l

RT: 4.564 min Scan# 506

Delta R.T. -0.000 min

Lab File: VD075622.D

Acq: 11 Apr 2023 16:10

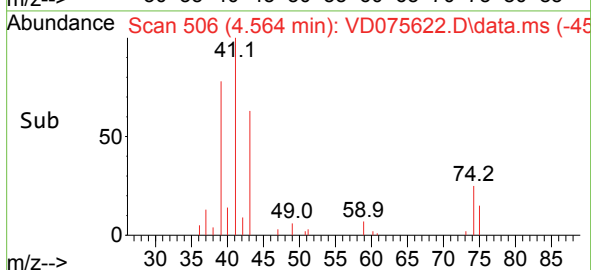
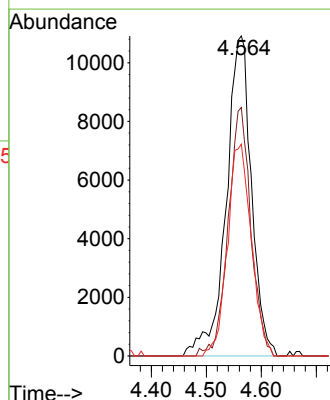
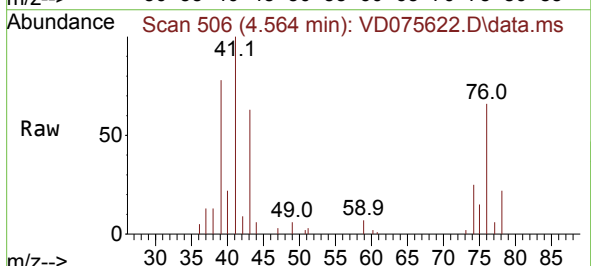
Tgt Ion: 41 Resp: 34859

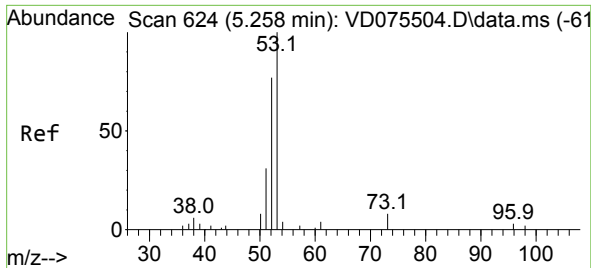
Ion Ratio Lower Upper

41 100

39 69.6 60.6 90.8

76 62.7 28.6 43.0#

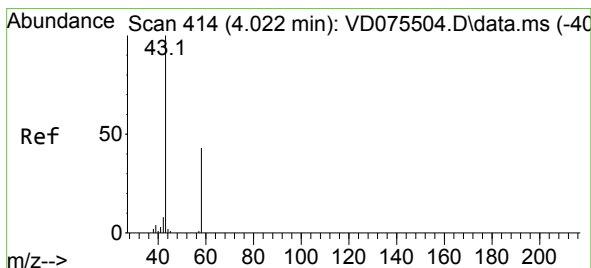
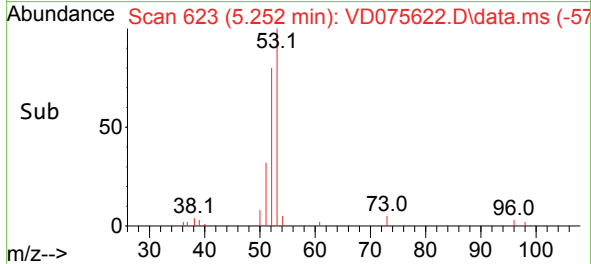
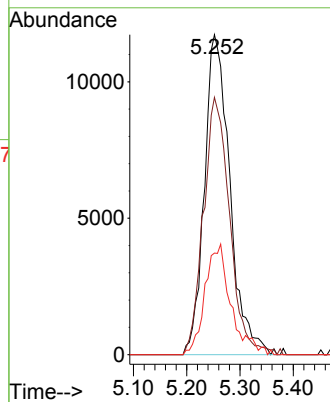
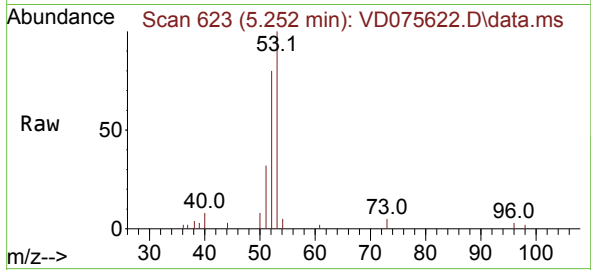




#15
Acrylonitrile
Concen: 113.643 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD075622.D
Acq: 11 Apr 2023 16:10

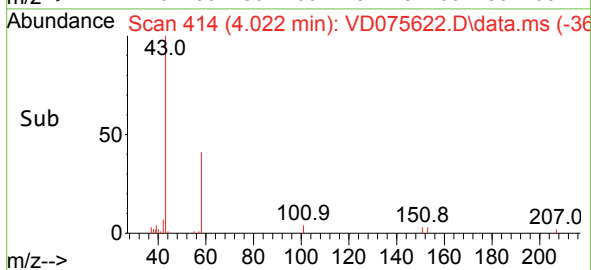
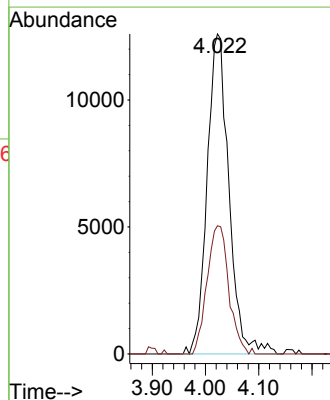
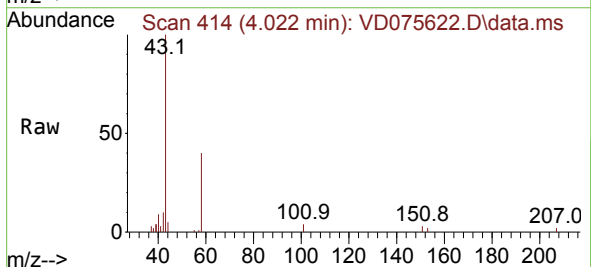
Instrument :
MSVOA_D
ClientSampleId :
VD0411SBS01

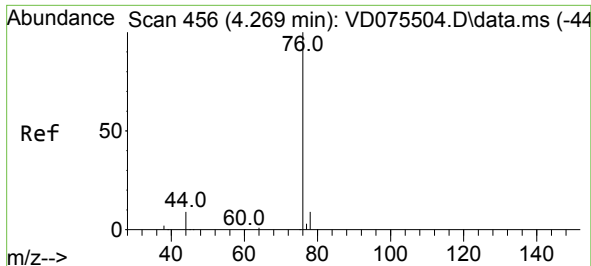
Tgt Ion:	53	Resp:	38953
Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.2	99.4
51	35.0	30.7	46.1



#16
Acetone
Concen: 121.032 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075622.D
Acq: 11 Apr 2023 16:10

Tgt Ion:	43	Resp:	35710
Ion	Ratio	Lower	Upper
43	100		
58	40.1	24.4	36.6#

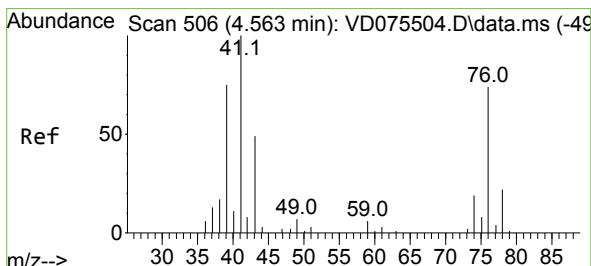
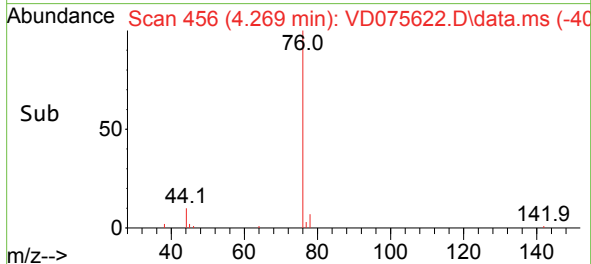
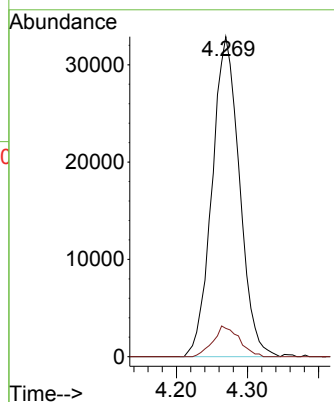
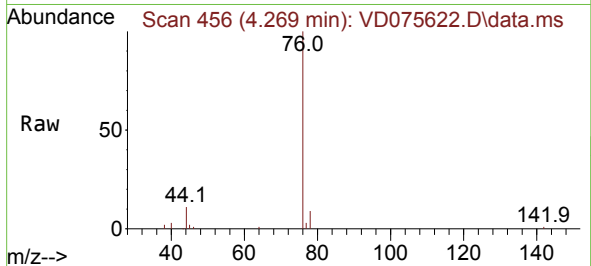




#17
Carbon Disulfide
Concen: 18.602 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD075622.D
Acq: 11 Apr 2023 16:10

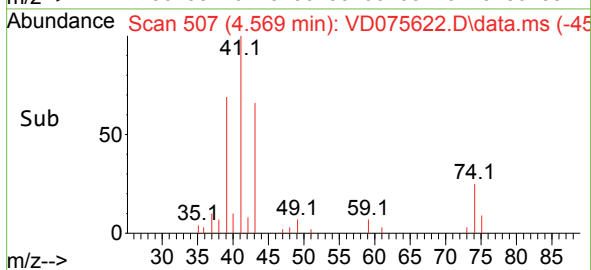
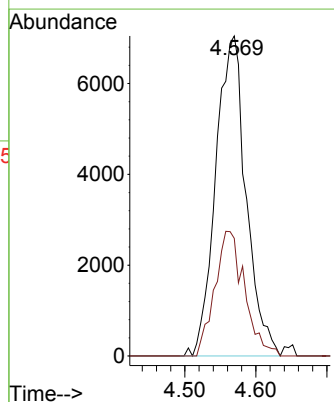
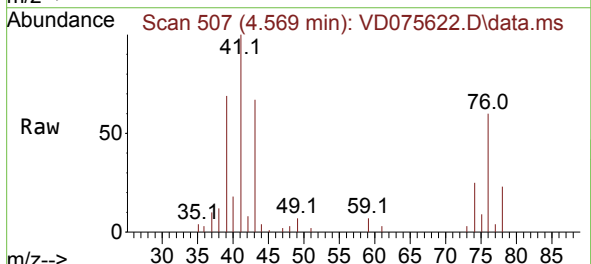
Instrument :
MSVOA_D
ClientSampleId :
VD0411SBS01

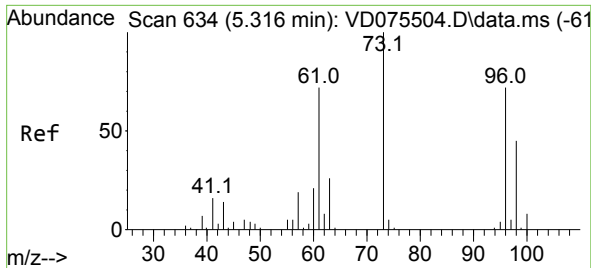
Tgt Ion: 76 Resp: 88094
Ion Ratio Lower Upper
76 100
78 8.9 8.0 12.0



#18
Methyl Acetate
Concen: 23.485 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.000 min
Lab File: VD075622.D
Acq: 11 Apr 2023 16:10

Tgt Ion: 43 Resp: 20912
Ion Ratio Lower Upper
43 100
74 38.2 17.8 26.6#

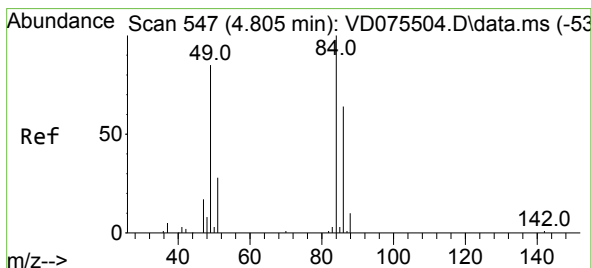
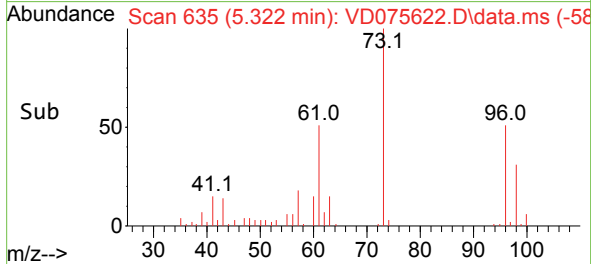
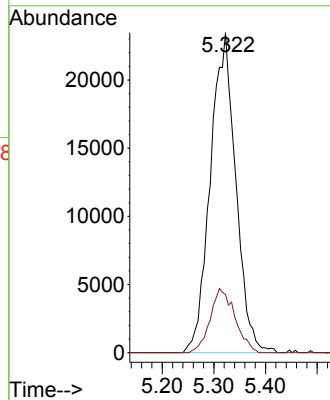
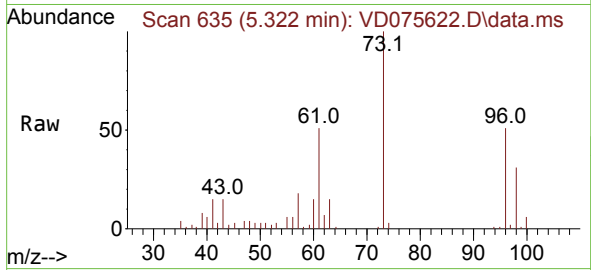




#19
Methyl tert-butyl Ether
Concen: 20.741 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD075622.D
Acq: 11 Apr 2023 16:10

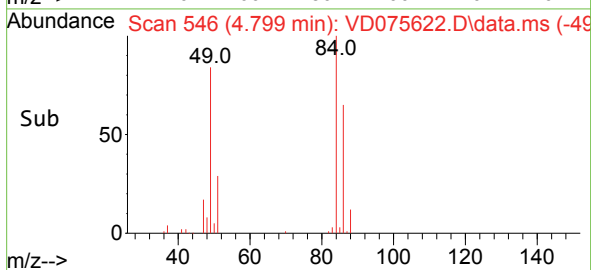
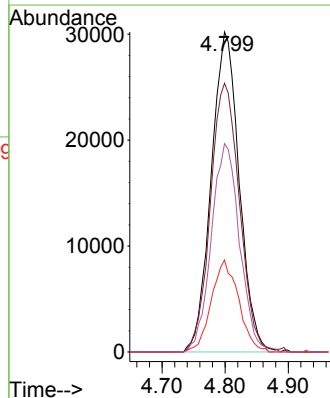
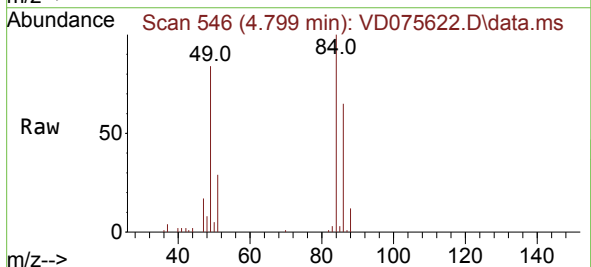
Instrument :
MSVOA_D
ClientSampleId :
VD0411SBS01

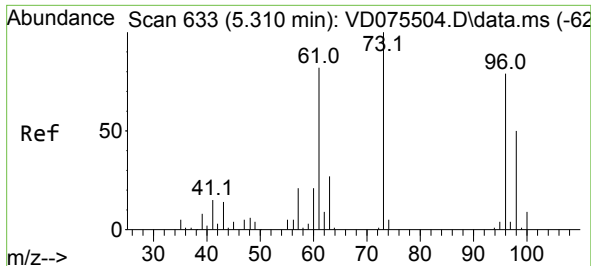
Tgt Ion: 73 Resp: 80208
Ion Ratio Lower Upper
73 100
57 18.2 17.2 25.8



#20
Methylene Chloride
Concen: 34.285 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD075622.D
Acq: 11 Apr 2023 16:10

Tgt Ion: 84 Resp: 92820
Ion Ratio Lower Upper
84 100
49 84.0 106.4 159.6#
51 28.8 32.4 48.6#
86 65.1 50.9 76.3

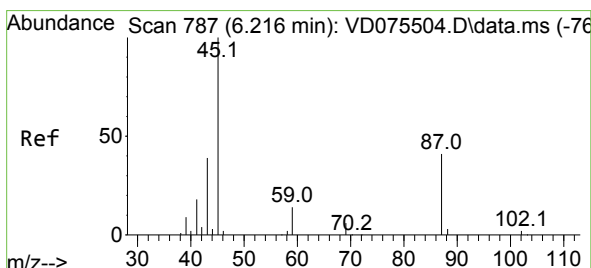
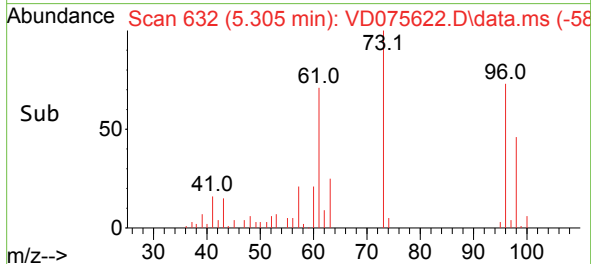
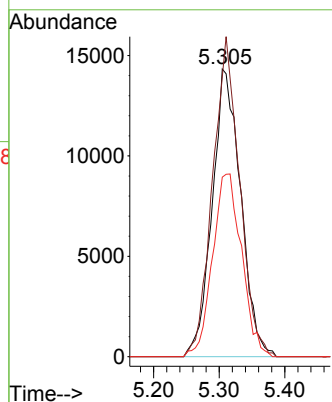
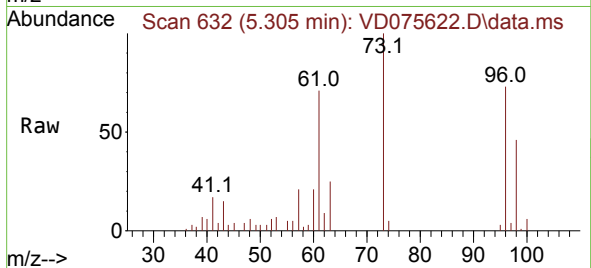




#21
trans-1,2-Dichloroethene
Concen: 20.000 ug/l
RT: 5.305 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD075622.D
Acq: 11 Apr 2023 16:10

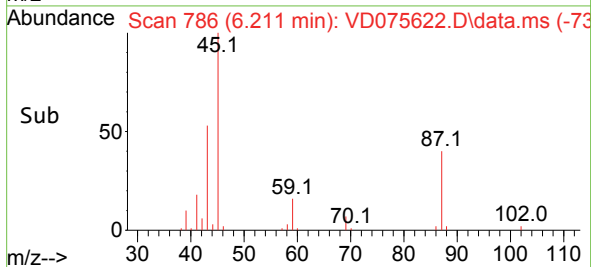
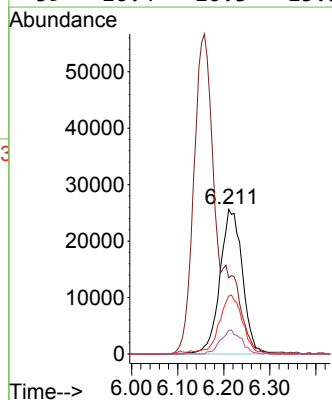
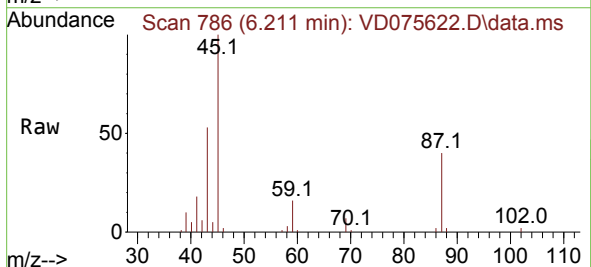
Instrument :
MSVOA_D
ClientSampleId :
VD0411SBS01

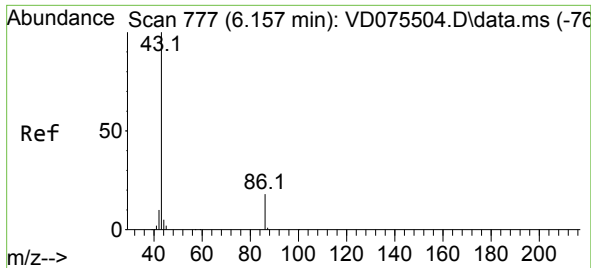
Tgt Ion: 96 Resp: 43194
Ion Ratio Lower Upper
96 100
61 97.2 117.2 175.8#
98 62.4 50.6 76.0



#22
Diisopropyl ether
Concen: 21.312 ug/l
RT: 6.211 min Scan# 786
Delta R.T. -0.006 min
Lab File: VD075622.D
Acq: 11 Apr 2023 16:10

Tgt Ion: 45 Resp: 86330
Ion Ratio Lower Upper
45 100
43 51.4 44.4 66.6
87 40.1 20.9 31.3#
59 16.4 10.3 15.5#

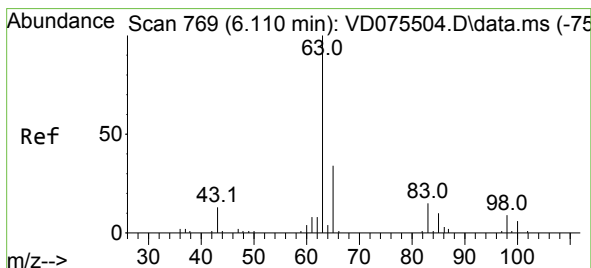
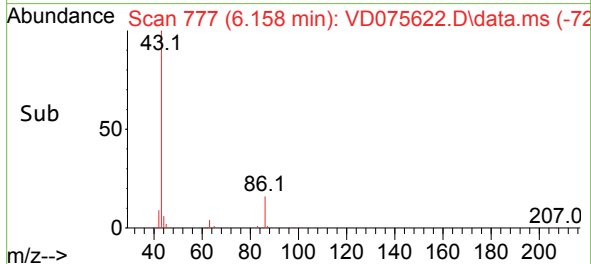
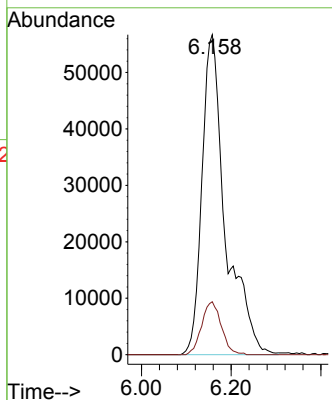
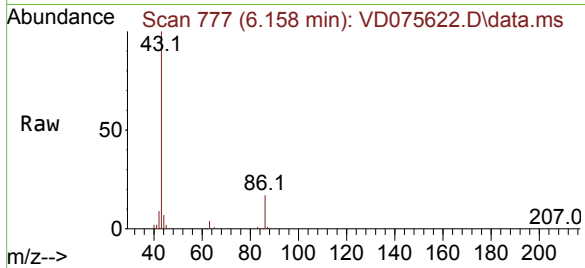




#23
 Vinyl Acetate
 Concen: 108.677 ug/l
 RT: 6.158 min Scan# 711
 Delta R.T. 0.000 min
 Lab File: VD075622.D
 Acq: 11 Apr 2023 16:10

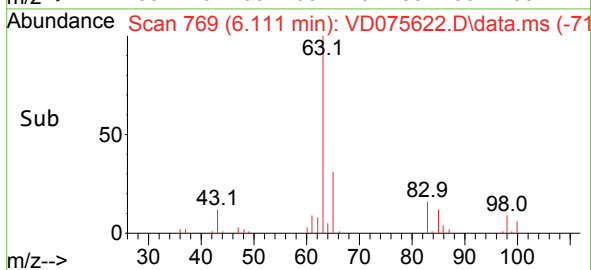
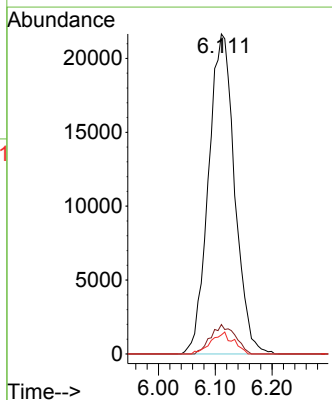
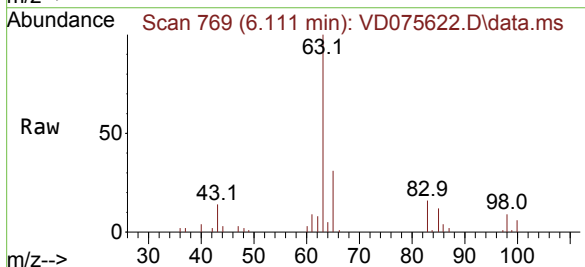
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0411SBS01

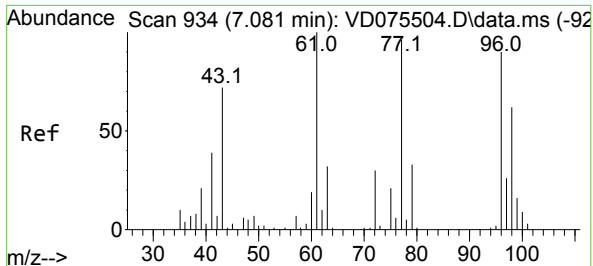
Tgt Ion: 43 Resp: 206616
 Ion Ratio Lower Upper
 43 100
 86 16.5 9.0 13.6#



#24
 1,1-Dichloroethane
 Concen: 20.741 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD075622.D
 Acq: 11 Apr 2023 16:10

Tgt Ion: 63 Resp: 69379
 Ion Ratio Lower Upper
 63 100
 98 9.2 3.9 11.7
 100 6.0 2.0 6.0

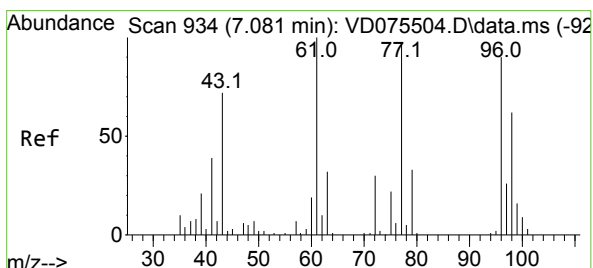
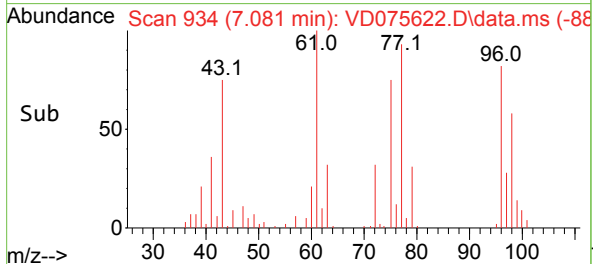
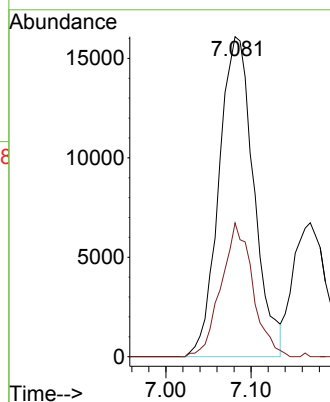
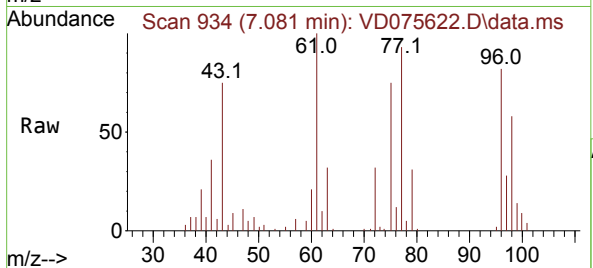




#25
2-Butanone
Concen: 119.615 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075622.D
Acq: 11 Apr 2023 16:10

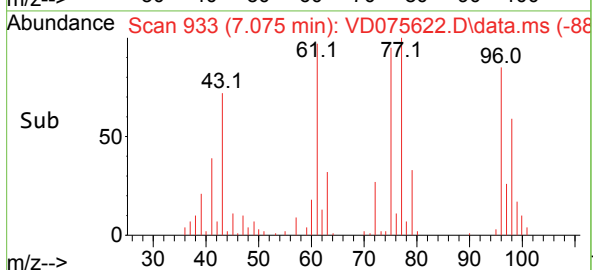
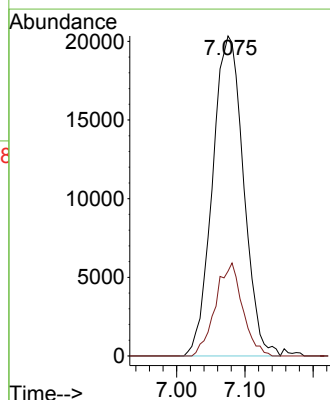
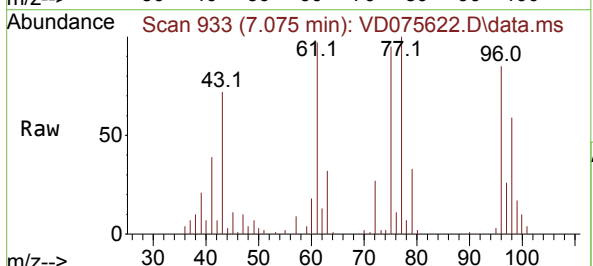
Instrument :
MSVOA_D
ClientSampleId :
VD0411SBS01

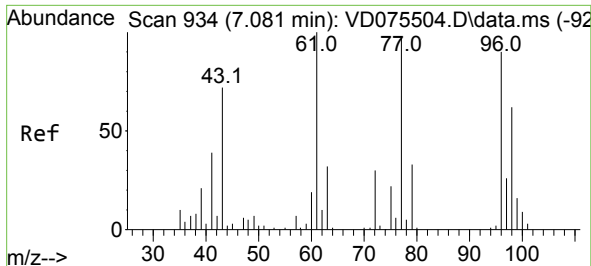
Tgt Ion: 43 Resp: 45801
Ion Ratio Lower Upper
43 100
72 41.8 19.8 29.8#



#26
2,2-Dichloropropane
Concen: 21.013 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD075622.D
Acq: 11 Apr 2023 16:10

Tgt Ion: 77 Resp: 64480
Ion Ratio Lower Upper
77 100
97 25.4 11.1 33.1

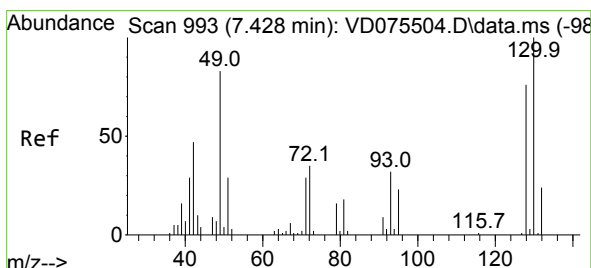
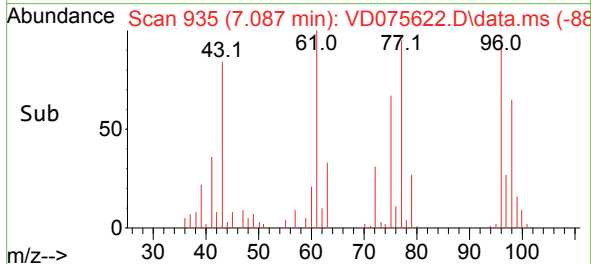
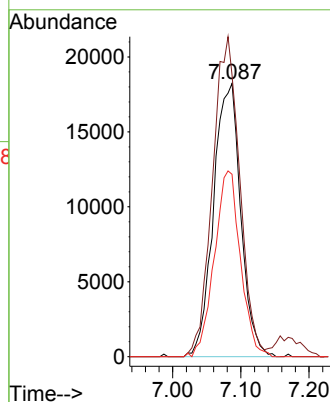
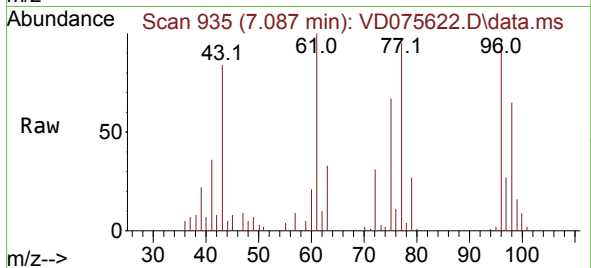




#27
 cis-1,2-Dichloroethene
 Concen: 19.885 ug/l
 RT: 7.087 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD075622.D
 Acq: 11 Apr 2023 16:10

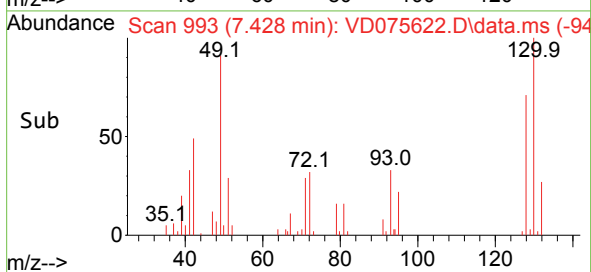
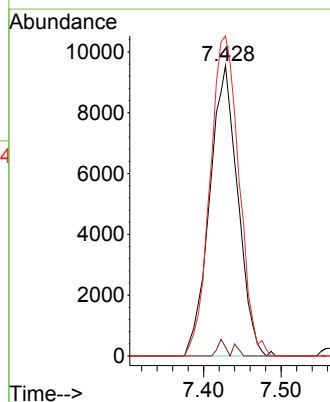
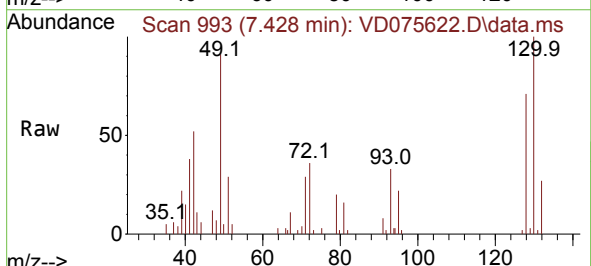
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0411SBS01

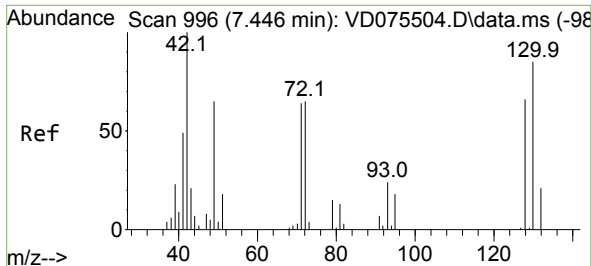
Tgt Ion: 96 Resp: 50566
 Ion Ratio Lower Upper
 96 100
 61 117.2 0.0 295.2
 98 65.2 0.0 129.2



#28
 Bromochloromethane
 Concen: 21.082 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD075622.D
 Acq: 11 Apr 2023 16:10

Tgt Ion: 49 Resp: 24096
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 2.2
 130 114.0 56.0 84.0#





#29

Tetrahydrofuran

Concen: 113.889 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD075622.D

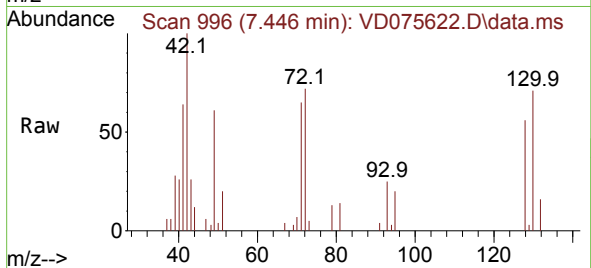
Acq: 11 Apr 2023 16:10

Instrument :

MSVOA_D

ClientSampleId :

VD0411SBS01



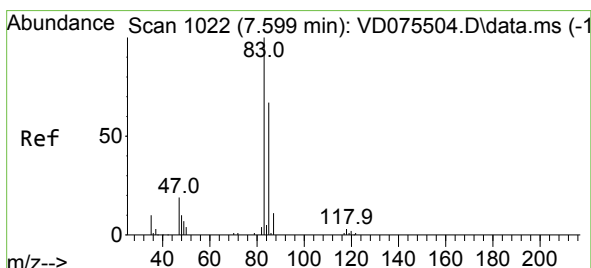
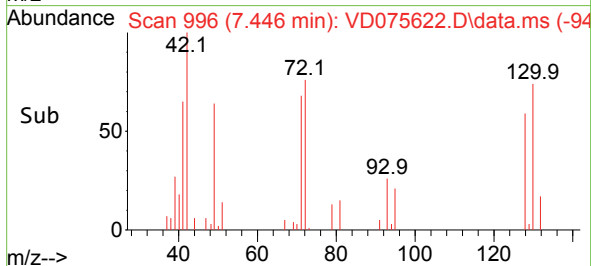
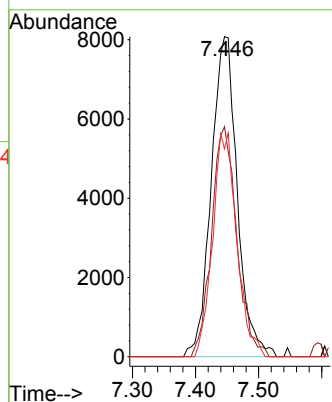
Tgt Ion: 42 Resp: 23093

Ion Ratio Lower Upper

42 100

72 69.4 31.8 47.6#

71 65.3 27.6 41.4#



#30

Chloroform

Concen: 21.057 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD075622.D

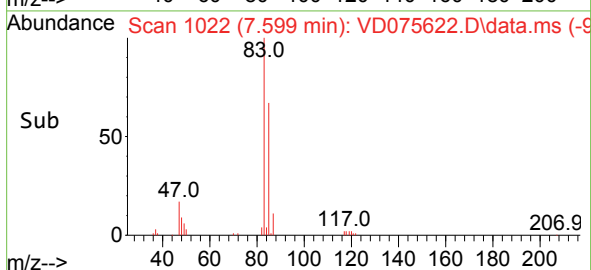
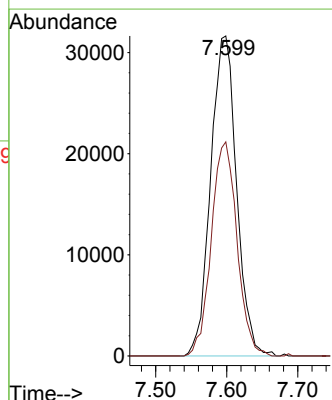
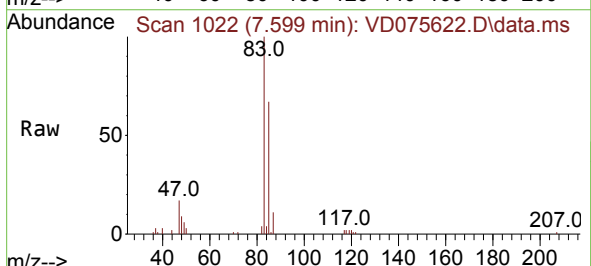
Acq: 11 Apr 2023 16:10

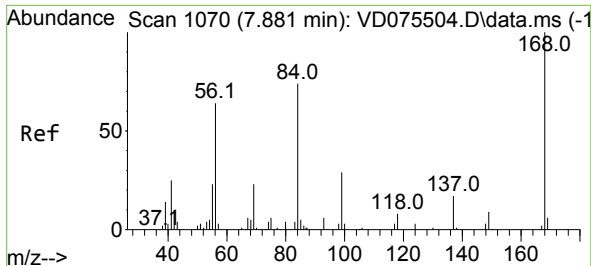
Tgt Ion: 83 Resp: 80131

Ion Ratio Lower Upper

83 100

85 66.9 49.4 74.2

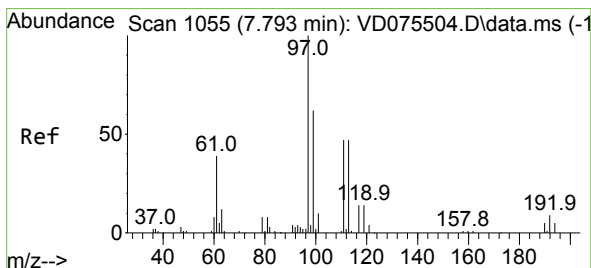
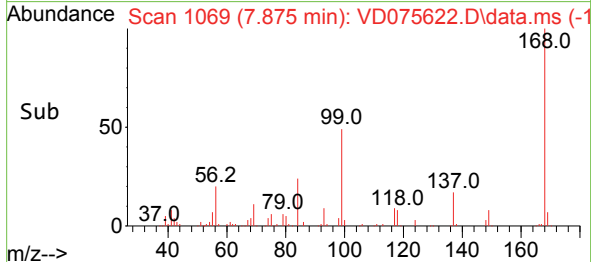
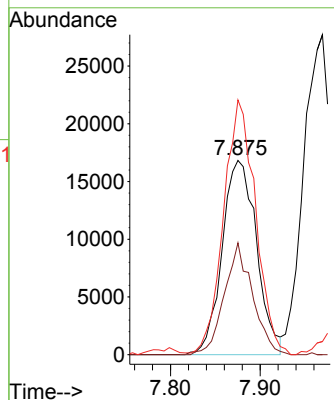
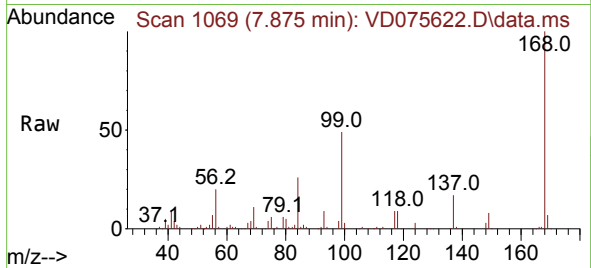




#31
Cyclohexane
Concen: 19.053 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075622.D
Acq: 11 Apr 2023 16:10

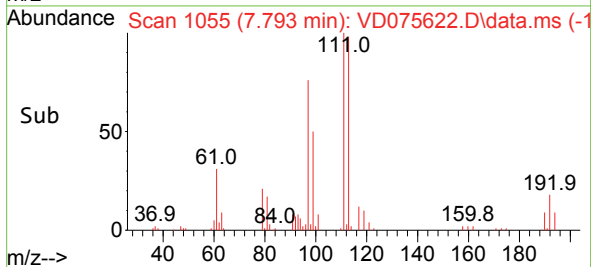
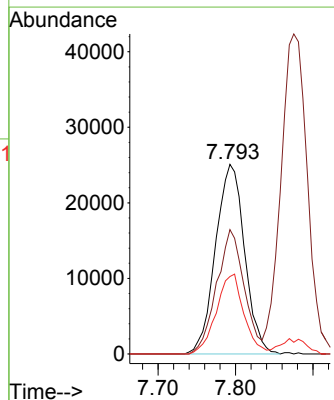
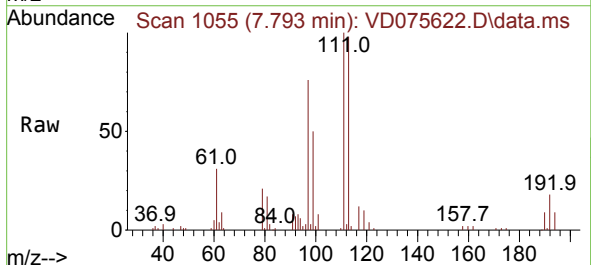
Instrument :
MSVOA_D
ClientSampleId :
VD0411SBS01

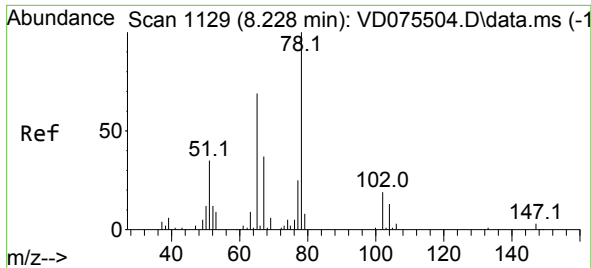
Tgt Ion: 56 Resp: 44886
Ion Ratio Lower Upper
56 100
69 57.5 25.5 38.3#
84 130.0 69.6 104.4#



#32
1,1,1-Trichloroethane
Concen: 20.676 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD075622.D
Acq: 11 Apr 2023 16:10

Tgt Ion: 97 Resp: 65479
Ion Ratio Lower Upper
97 100
99 62.5 50.5 75.7
61 39.8 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 54.474 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD075622.D

Acq: 11 Apr 2023 16:10

Instrument :

MSVOA_D

ClientSampleId :

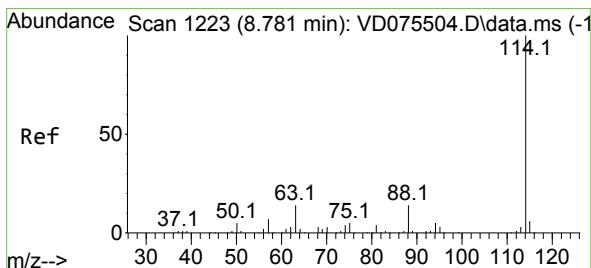
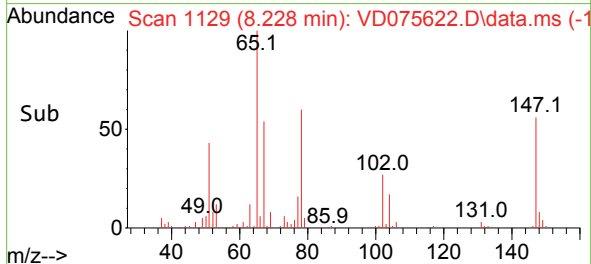
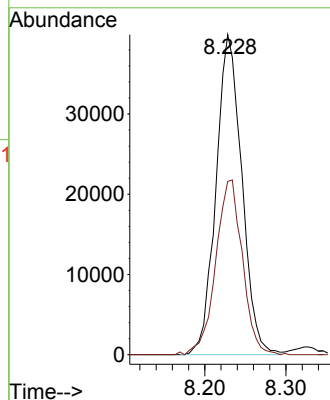
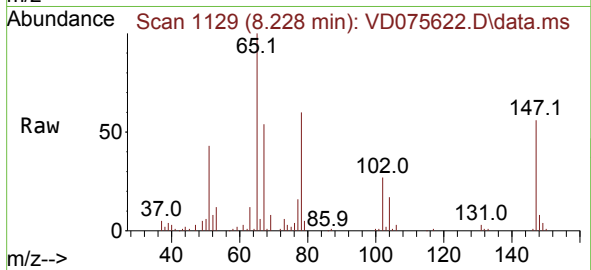
VD0411SBS01

Tgt Ion: 65 Resp: 88207

Ion Ratio Lower Upper

65 100

67 56.5 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD075622.D

Acq: 11 Apr 2023 16:10

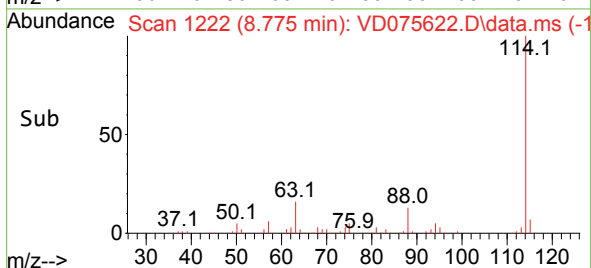
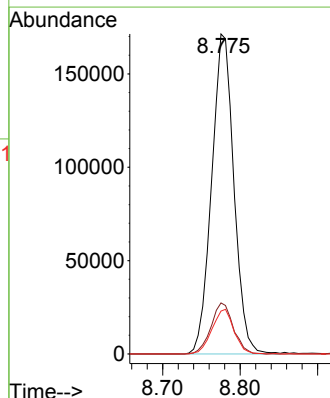
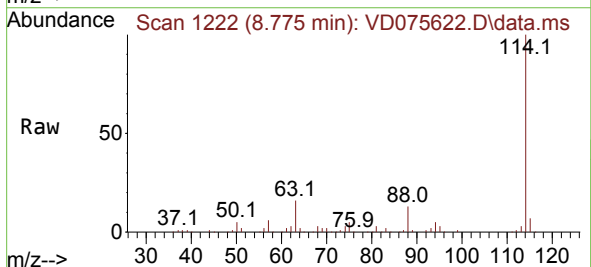
Tgt Ion: 114 Resp: 341646

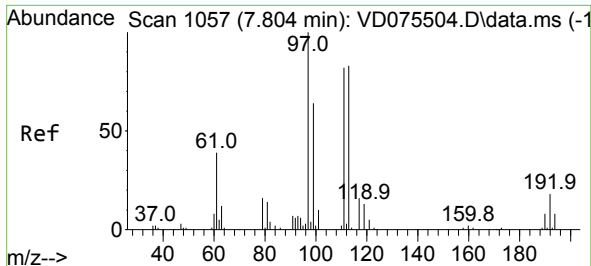
Ion Ratio Lower Upper

114 100

63 15.9 0.0 41.6

88 13.4 0.0 30.6

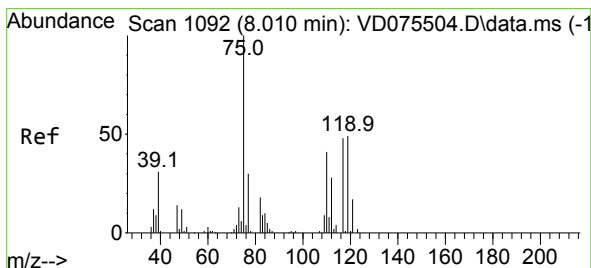
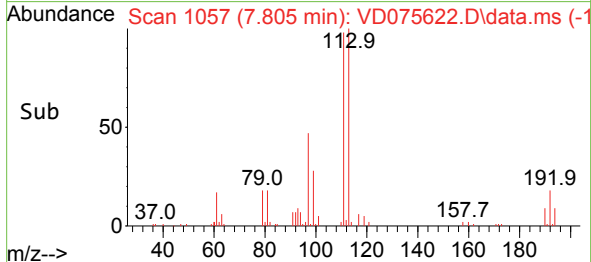
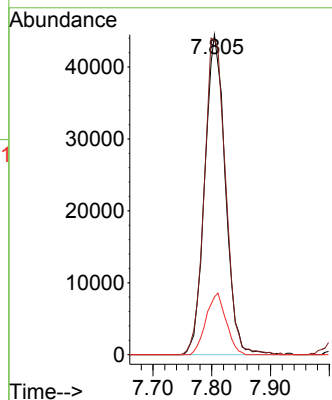
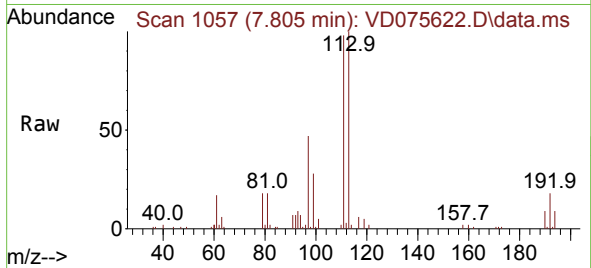




#35
 Dibromofluoromethane
 Concen: 53.915 ug/l
 RT: 7.805 min Scan# 1057
 Delta R.T. 0.000 min
 Lab File: VD075622.D
 Acq: 11 Apr 2023 16:10

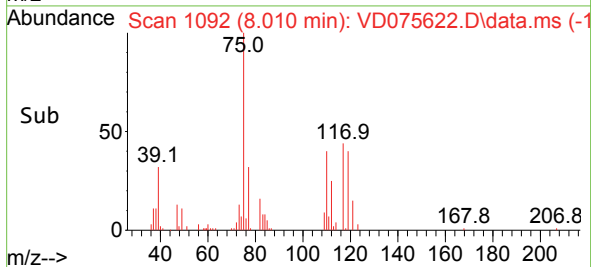
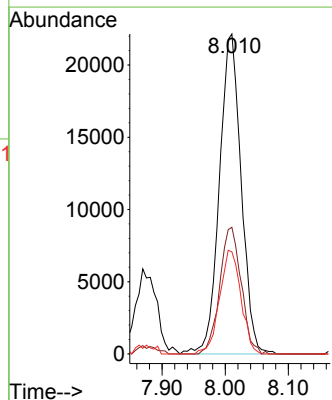
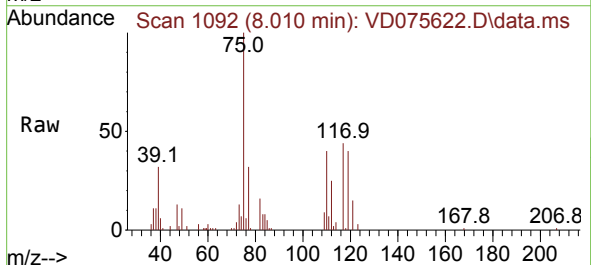
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0411SBS01

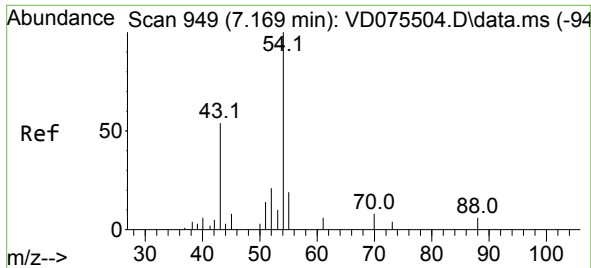
Tgt Ion:113 Resp: 107951
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.4 122.0
 192 18.8 15.2 22.8



#36
 1,1-Dichloropropene
 Concen: 20.773 ug/l
 RT: 8.010 min Scan# 1092
 Delta R.T. 0.006 min
 Lab File: VD075622.D
 Acq: 11 Apr 2023 16:10

Tgt Ion: 75 Resp: 53118
 Ion Ratio Lower Upper
 75 100
 110 39.0 17.1 51.2
 77 31.8 24.6 36.8





#37

Ethyl Acetate

Concen: 24.515 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD075622.D

Acq: 11 Apr 2023 16:10

Instrument :

MSVOA_D

ClientSampleId :

VD0411SBS01

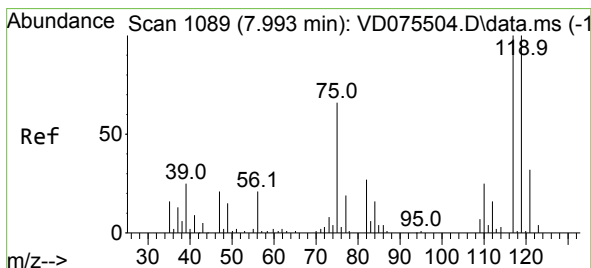
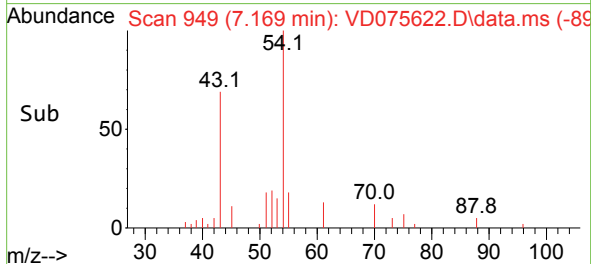
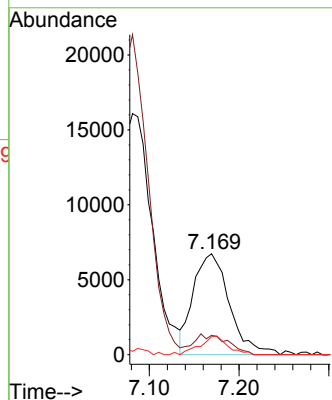
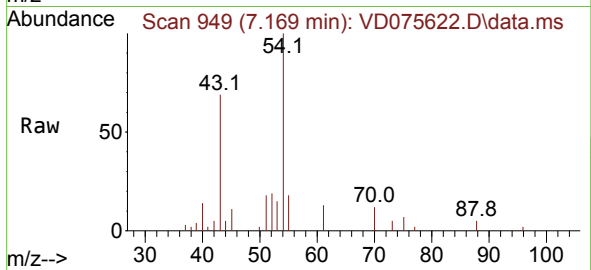
Tgt Ion: 43 Resp: 18847

Ion Ratio Lower Upper

43 100

61 18.5 0.0 0.0#

70 14.3 5.6 8.4#



#38

Carbon Tetrachloride

Concen: 20.584 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD075622.D

Acq: 11 Apr 2023 16:10

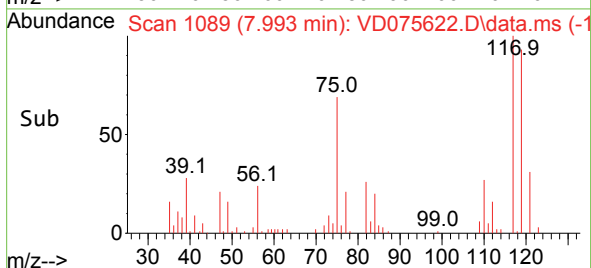
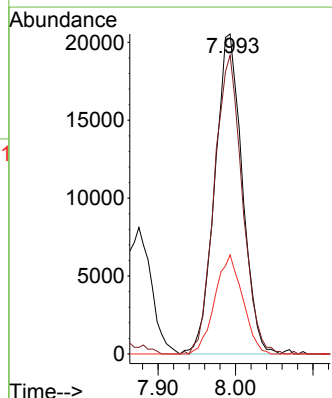
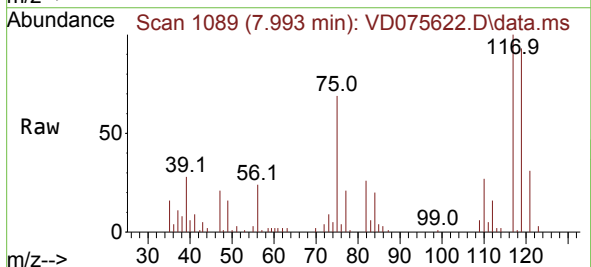
Tgt Ion: 117 Resp: 50476

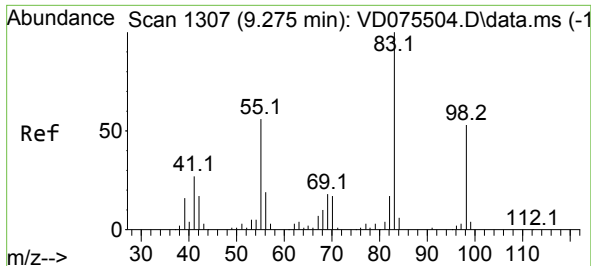
Ion Ratio Lower Upper

117 100

119 93.3 74.7 112.1

121 31.0 25.9 38.9





#39

Methylcyclohexane

Concen: 18.311 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD075622.D

Acq: 11 Apr 2023 16:10

Instrument :

MSVOA_D

ClientSampleId :

VD0411SBS01

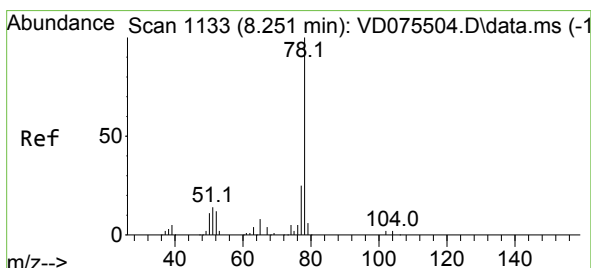
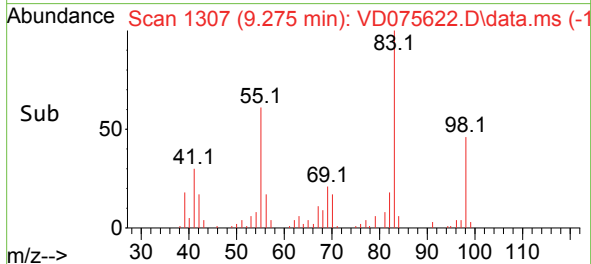
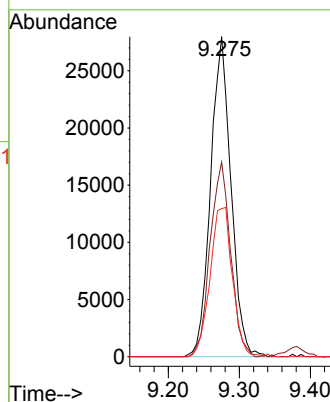
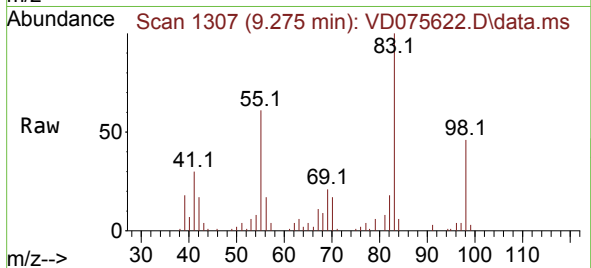
Tgt Ion: 83 Resp: 55756

Ion Ratio Lower Upper

83 100

55 60.8 56.8 85.2

98 46.3 38.9 58.3



#40

Benzene

Concen: 20.756 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD075622.D

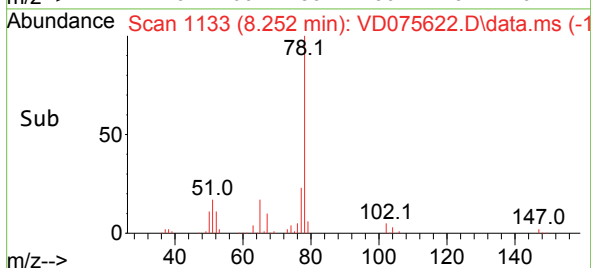
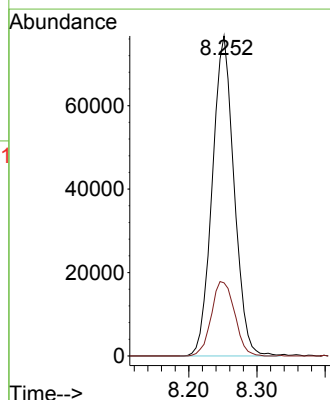
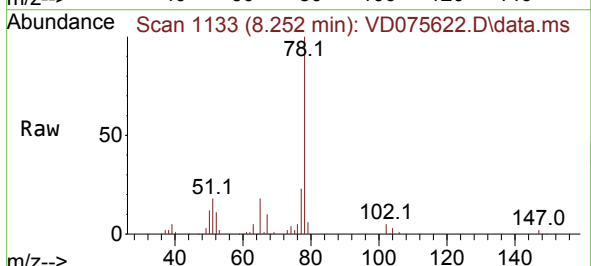
Acq: 11 Apr 2023 16:10

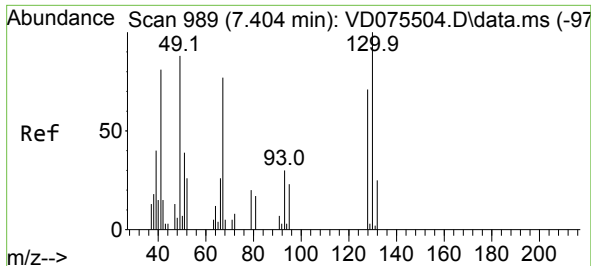
Tgt Ion: 78 Resp: 171027

Ion Ratio Lower Upper

78 100

77 22.8 19.1 28.7

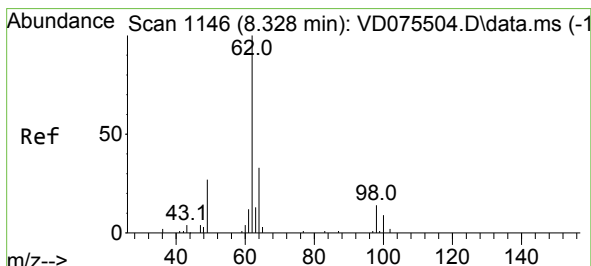
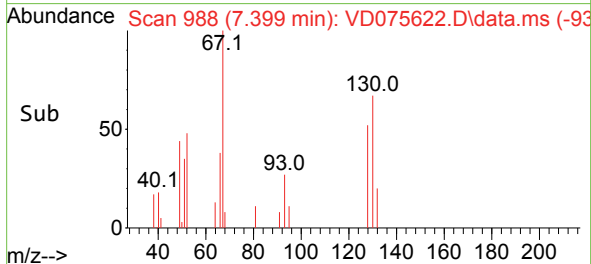
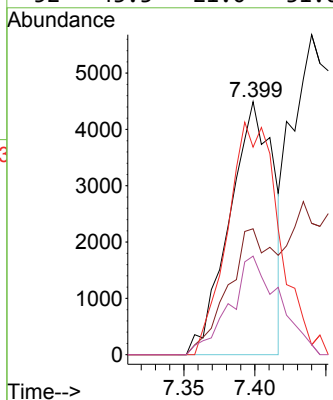
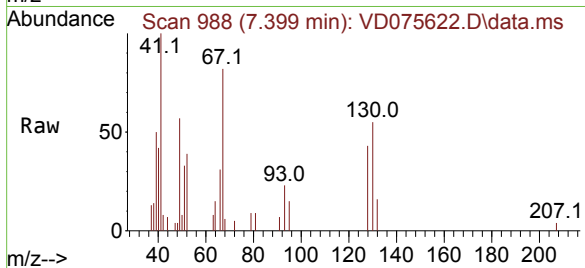




#41
Methacrylonitrile
Concen: 23.053 ug/l
RT: 7.399 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075622.D
Acq: 11 Apr 2023 16:10

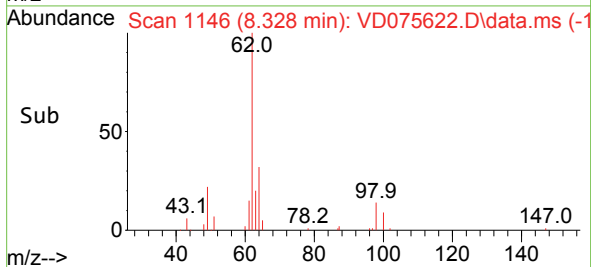
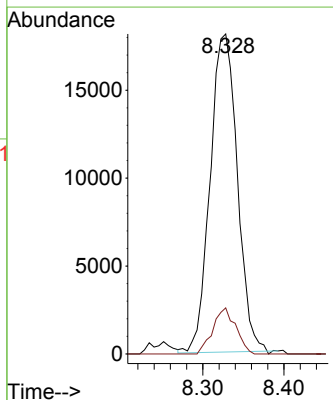
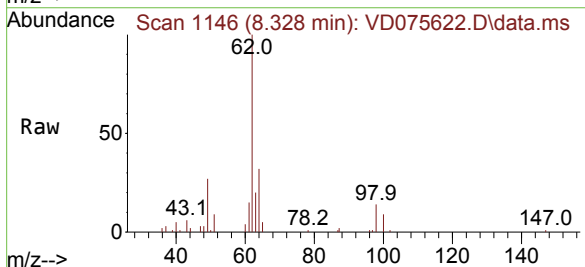
Instrument :
MSVOA_D
ClientSampleId :
VD0411SBS01

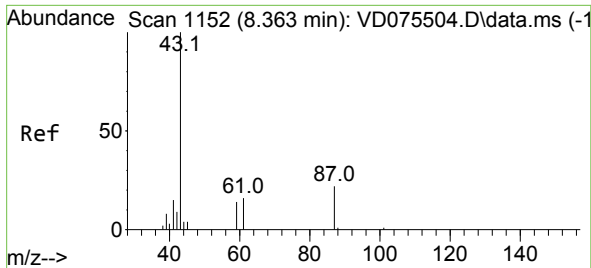
Tgt Ion:	41	Resp:	9706
Ion	Ratio	Lower	Upper
41	100		
39	52.2	45.3	67.9
67	107.5	50.5	75.7#
52	43.3	21.0	31.6#



#42
1,2-Dichloroethane
Concen: 22.005 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD075622.D
Acq: 11 Apr 2023 16:10

Tgt Ion:	62	Resp:	42129
Ion	Ratio	Lower	Upper
62	100		
98	12.2	0.0	18.8

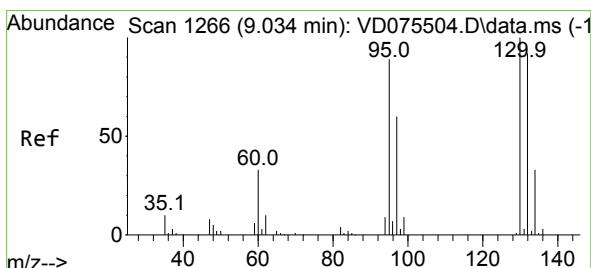
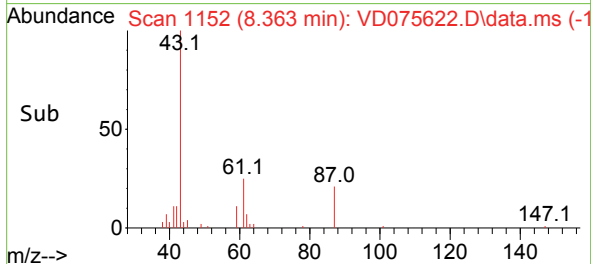
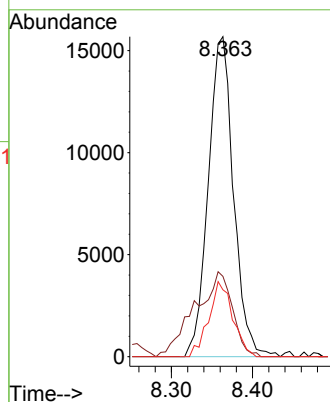
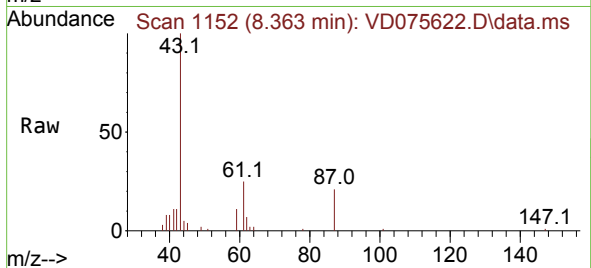




#43
Isopropyl Acetate
Concen: 23.105 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD075622.D
Acq: 11 Apr 2023 16:10

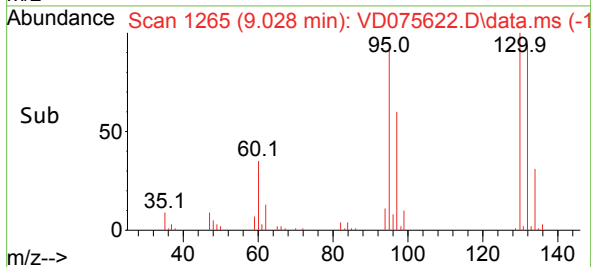
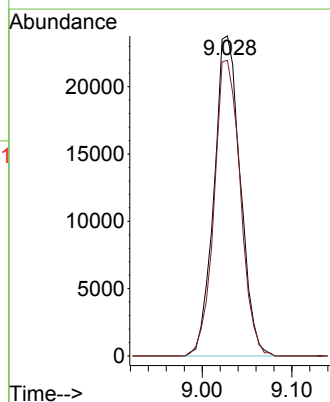
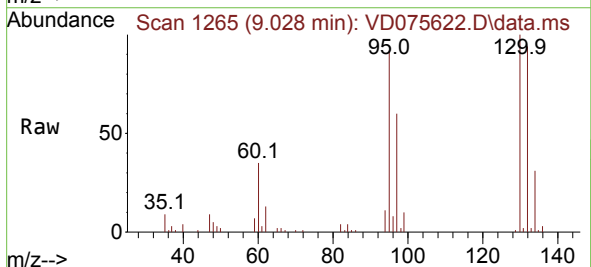
Instrument :
MSVOA_D
ClientSampleId :
VD0411SBS01

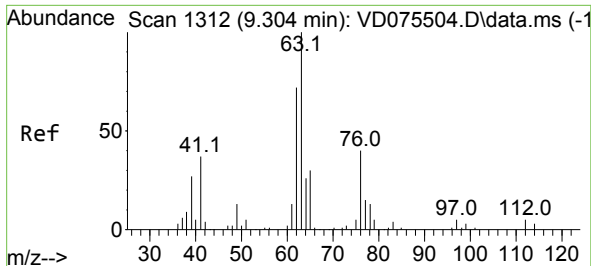
Tgt Ion: 43 Resp: 33910
Ion Ratio Lower Upper
43 100
61 39.2 23.4 35.0#
87 22.3 9.5 14.3#



#44
Trichloroethene
Concen: 19.991 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD075622.D
Acq: 11 Apr 2023 16:10

Tgt Ion:130 Resp: 48247
Ion Ratio Lower Upper
130 100
95 92.4 0.0 197.6





#45

1,2-Dichloropropane

Concen: 20.581 ug/l

RT: 9.305 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD075622.D

Acq: 11 Apr 2023 16:10

Instrument :

MSVOA_D

ClientSampleId :

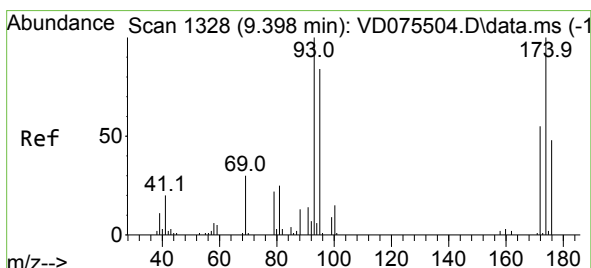
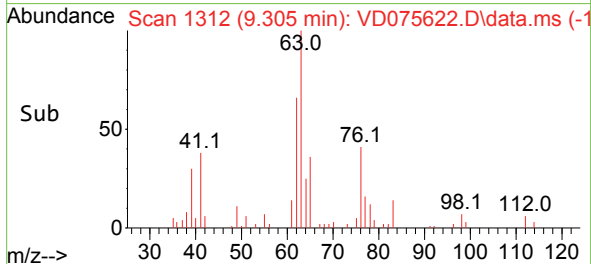
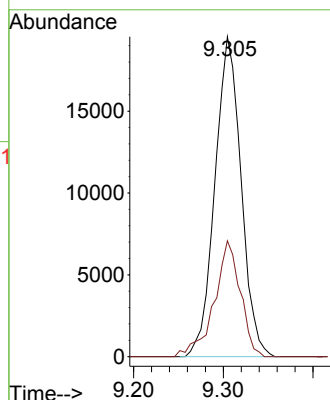
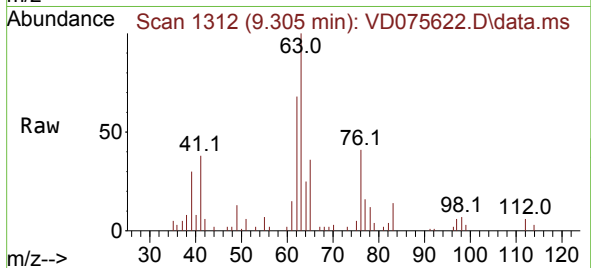
VD0411SBS01

Tgt Ion: 63 Resp: 39560

Ion Ratio Lower Upper

63 100

65 36.2 23.0 34.4#



#46

Dibromomethane

Concen: 21.052 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD075622.D

Acq: 11 Apr 2023 16:10

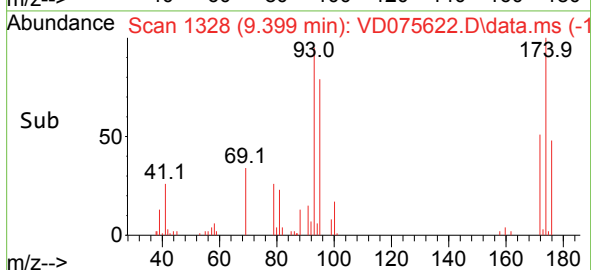
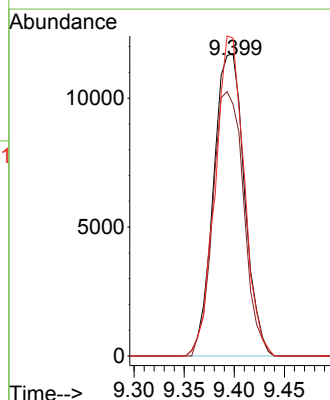
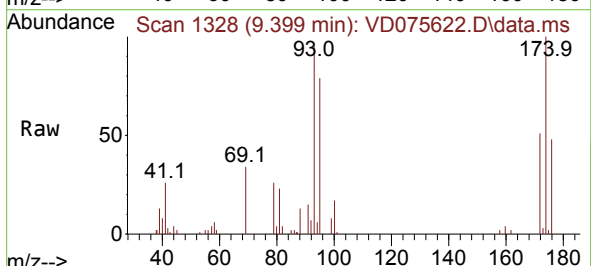
Tgt Ion: 93 Resp: 25124

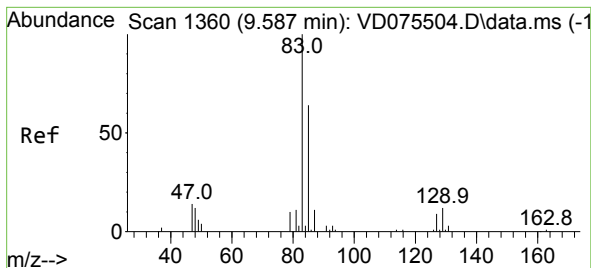
Ion Ratio Lower Upper

93 100

95 87.3 64.5 96.7

174 98.9 76.2 114.4





#47

Bromodichloromethane

Concen: 21.035 ug/l

RT: 9.587 min Scan# 1360

Delta R.T. 0.000 min

Lab File: VD075622.D

Acq: 11 Apr 2023 16:10

Instrument :

MSVOA_D

ClientSampleId :

VD0411SBS01

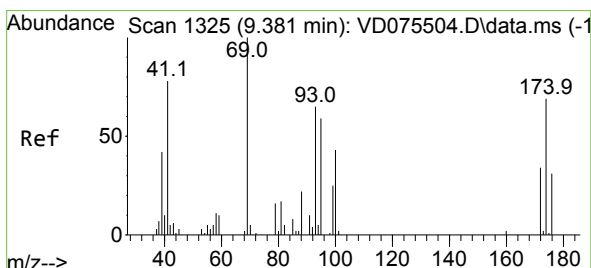
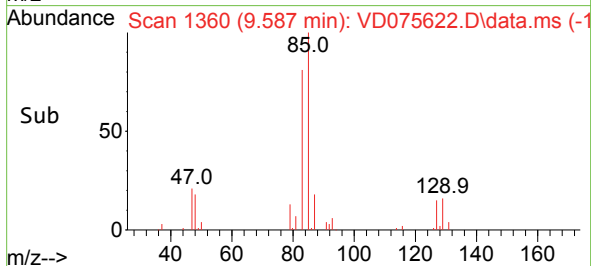
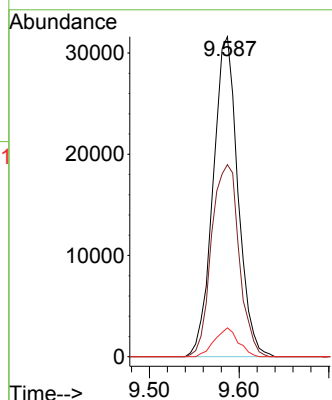
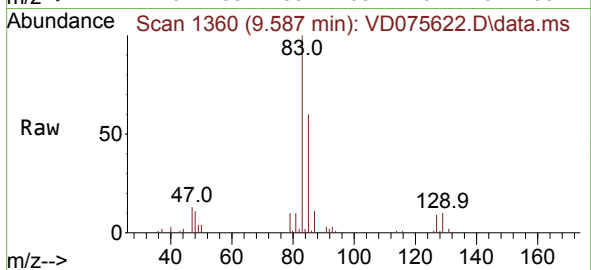
Tgt Ion: 83 Resp: 60709

Ion Ratio Lower Upper

83 100

85 60.0 53.7 80.5

127 9.0 7.0 10.6



#48

Methyl methacrylate

Concen: 21.180 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.000 min

Lab File: VD075622.D

Acq: 11 Apr 2023 16:10

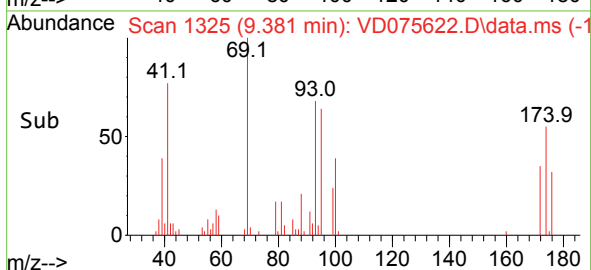
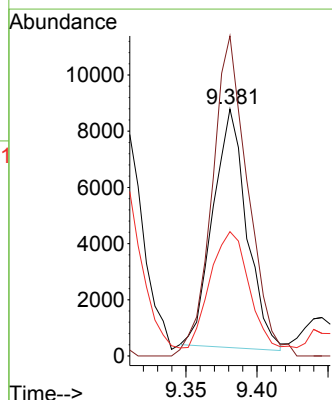
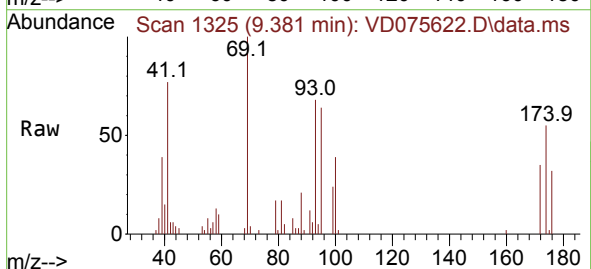
Tgt Ion: 41 Resp: 14087

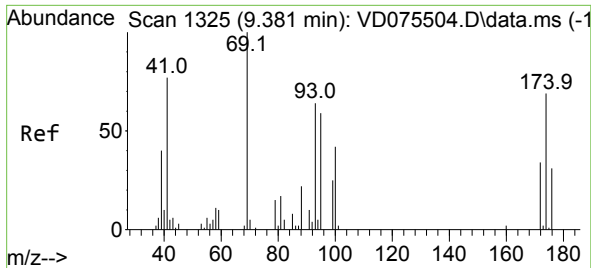
Ion Ratio Lower Upper

41 100

69 141.8 58.6 88.0#

39 64.7 53.4 80.0

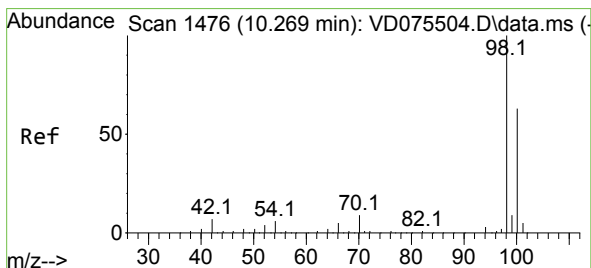
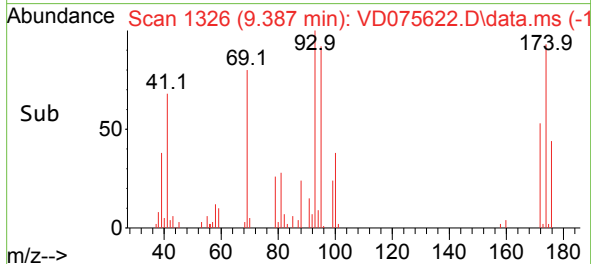
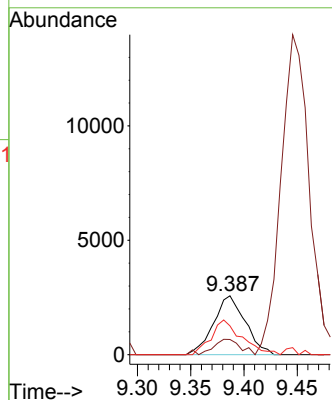
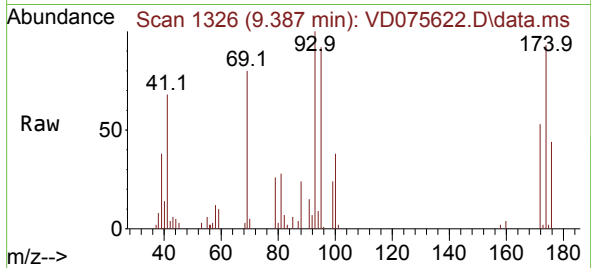




#49
1,4-Dioxane
Concen: 493.232 ug/l
RT: 9.387 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075622.D
Acq: 11 Apr 2023 16:10

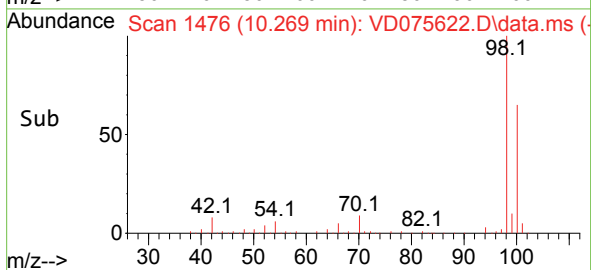
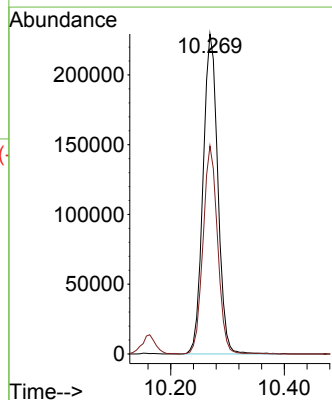
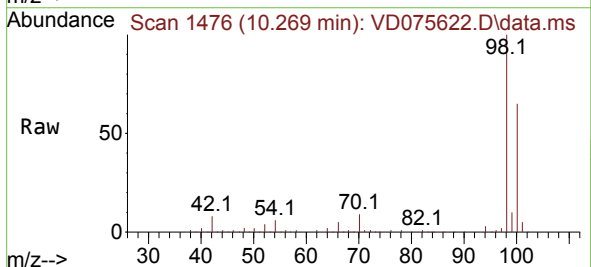
Instrument :
MSVOA_D
ClientSampleId :
VD0411SBS01

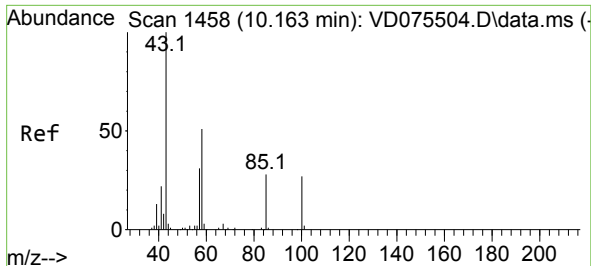
Tgt Ion: 88 Resp: 5336
Ion Ratio Lower Upper
88 100
43 21.2 34.6 51.8#
58 56.4 58.0 87.0#



#50
Toluene-d8
Concen: 52.577 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075622.D
Acq: 11 Apr 2023 16:10

Tgt Ion: 98 Resp: 412916
Ion Ratio Lower Upper
98 100
100 64.0 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 114.089 ug/l

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD075622.D

Acq: 11 Apr 2023 16:10

Instrument :

MSVOA_D

ClientSampleId :

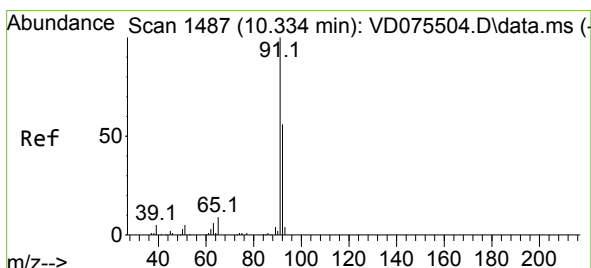
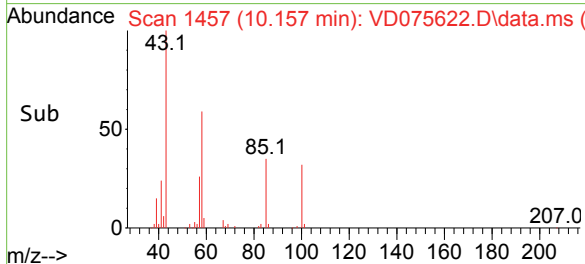
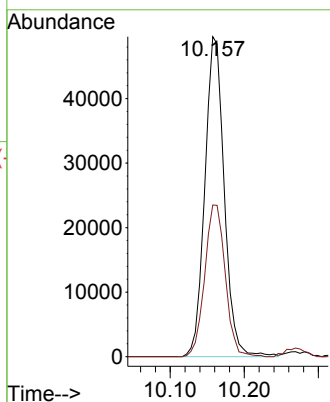
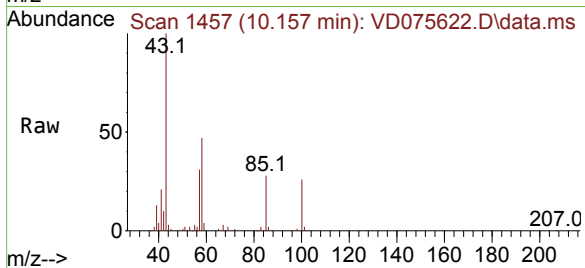
VD0411SBS01

Tgt Ion: 43 Resp: 90136

Ion Ratio Lower Upper

43 100

58 50.2 29.5 44.3#



#52

Toluene

Concen: 19.751 ug/l

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD075622.D

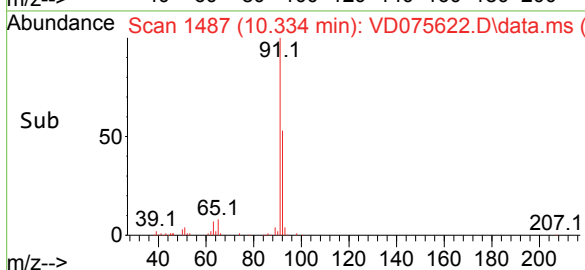
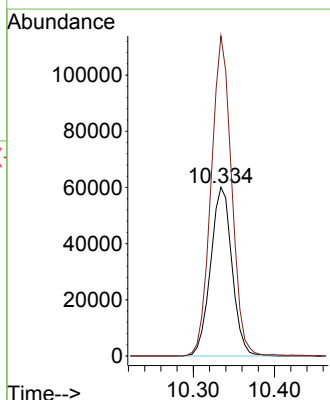
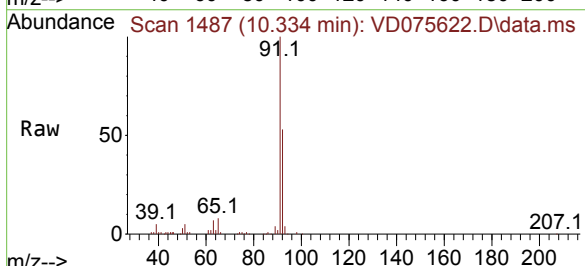
Acq: 11 Apr 2023 16:10

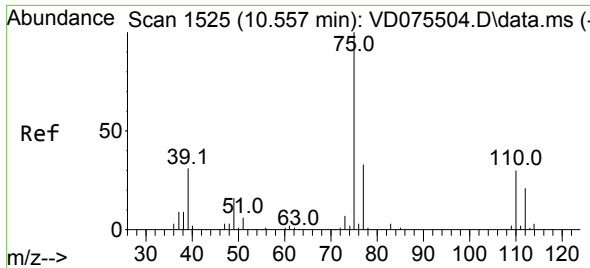
Tgt Ion: 92 Resp: 109916

Ion Ratio Lower Upper

92 100

91 181.6 136.5 204.7

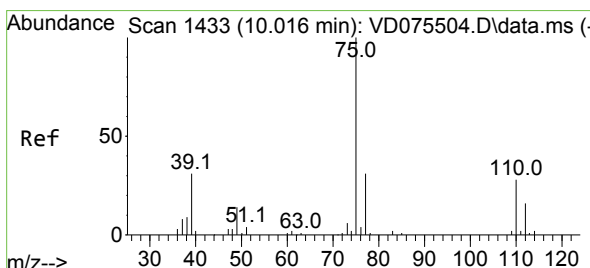
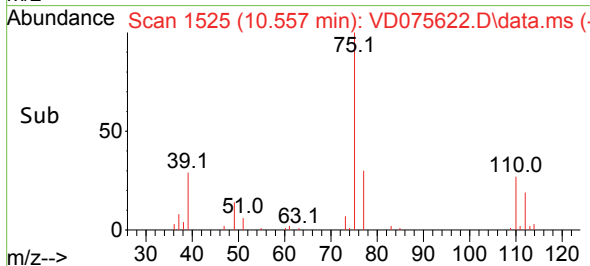
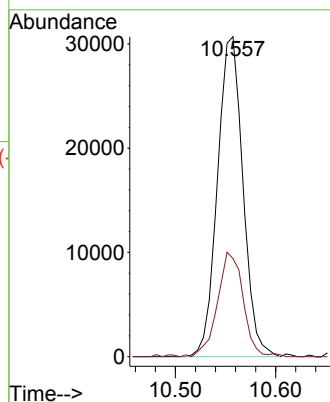
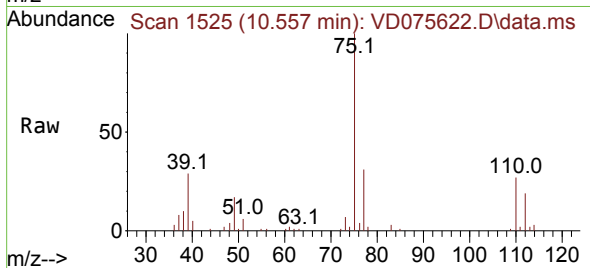




#53
 t-1,3-Dichloropropene
 Concen: 20.660 ug/l
 RT: 10.557 min Scan# 1525
 Delta R.T. 0.000 min
 Lab File: VD075622.D
 Acq: 11 Apr 2023 16:10

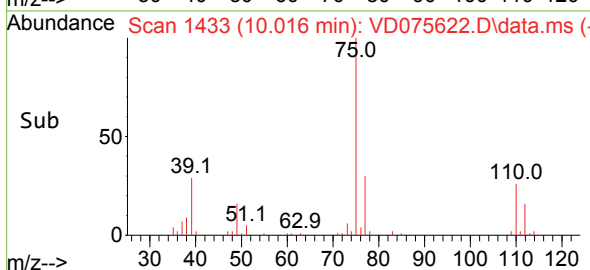
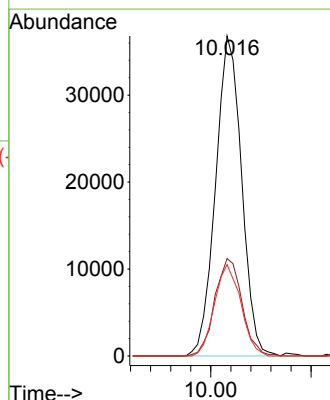
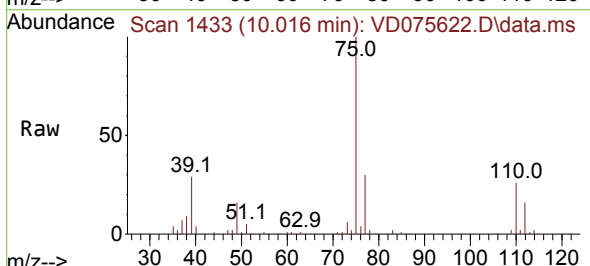
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0411SBS01

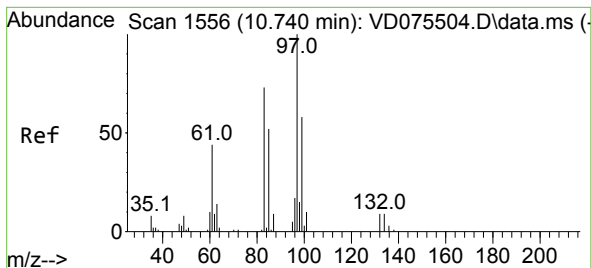
Tgt Ion: 75 Resp: 54046
 Ion Ratio Lower Upper
 75 100
 77 30.7 26.3 39.5



#54
 cis-1,3-Dichloropropene
 Concen: 20.780 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD075622.D
 Acq: 11 Apr 2023 16:10

Tgt Ion: 75 Resp: 66097
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.6 38.4
 39 28.6 44.8 67.2#





#55

1,1,2-Trichloroethane

Concen: 22.013 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD075622.D

Acq: 11 Apr 2023 16:10

Instrument :

MSVOA_D

ClientSampleId :

VD0411SBS01

Tgt Ion: 97 Resp: 38742

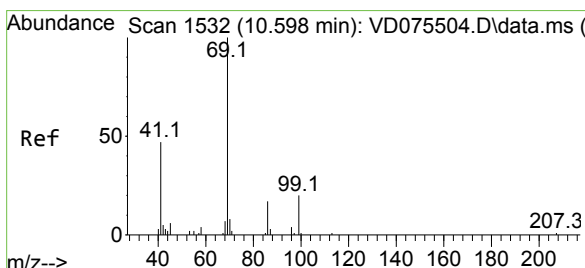
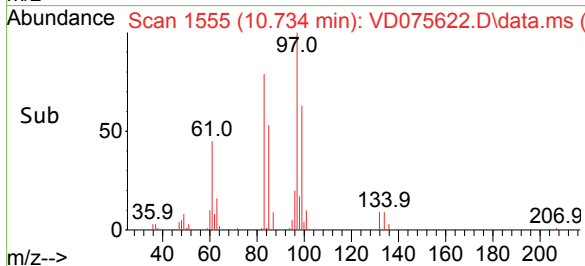
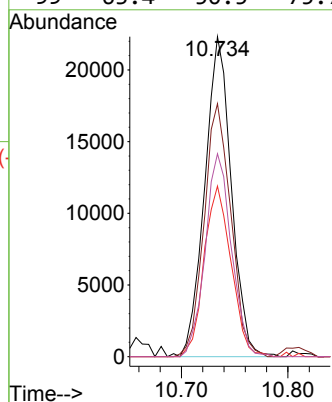
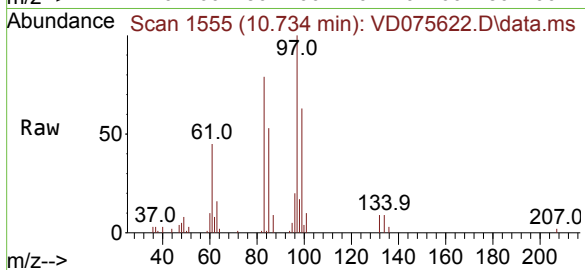
Ion Ratio Lower Upper

97 100

83 78.2 74.2 111.4

85 53.3 45.4 68.0

99 63.4 50.5 75.7



#56

Ethyl methacrylate

Concen: 20.623 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD075622.D

Acq: 11 Apr 2023 16:10

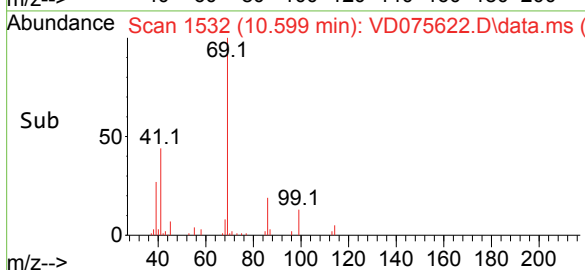
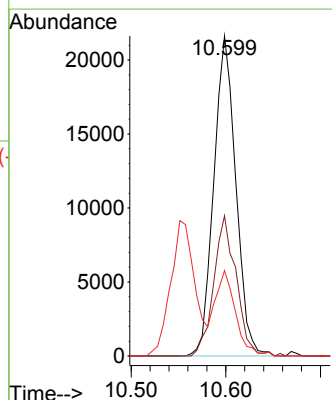
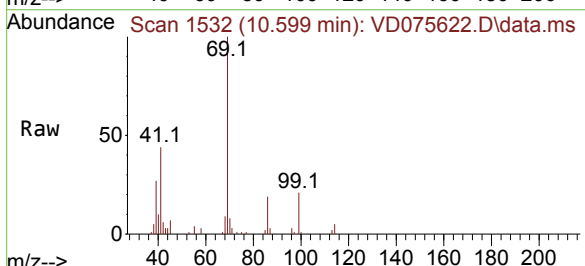
Tgt Ion: 69 Resp: 34984

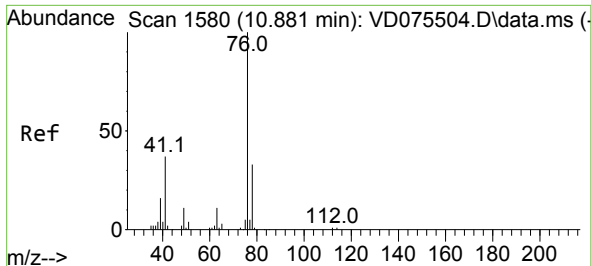
Ion Ratio Lower Upper

69 100

41 44.7 59.3 88.9#

39 24.7 36.0 54.0#





#57

1,3-Dichloropropane

Concen: 21.514 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD075622.D

Acq: 11 Apr 2023 16:10

Instrument :

MSVOA_D

ClientSampleId :

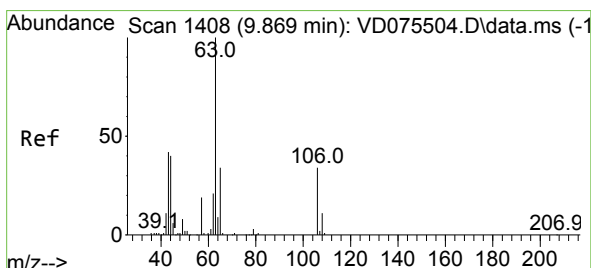
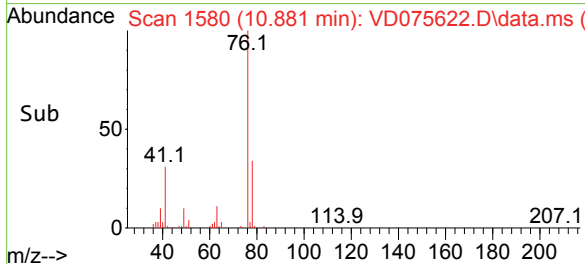
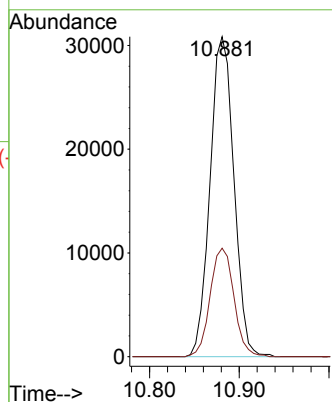
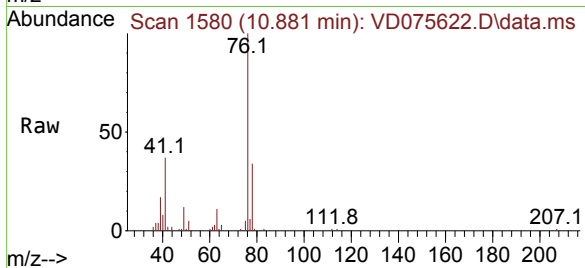
VD0411SBS01

Tgt Ion: 76 Resp: 57012

Ion Ratio Lower Upper

76 100

78 33.8 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 107.847 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD075622.D

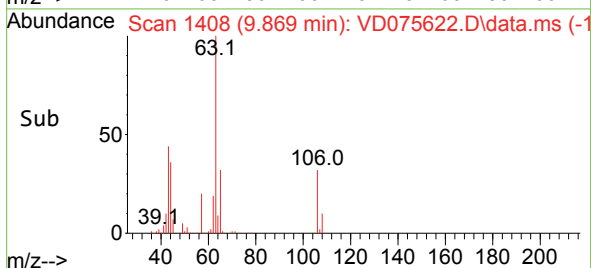
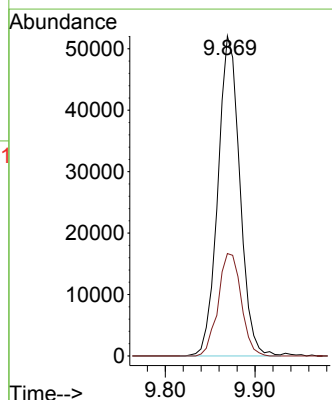
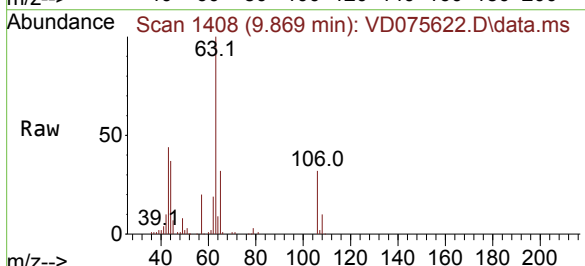
Acq: 11 Apr 2023 16:10

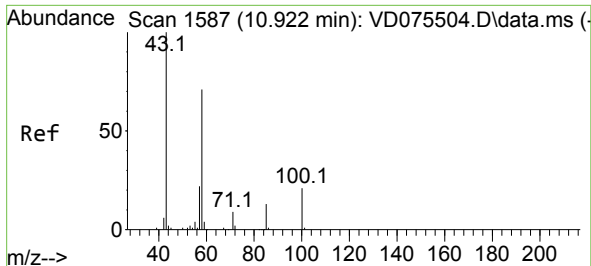
Tgt Ion: 63 Resp: 88452

Ion Ratio Lower Upper

63 100

106 33.5 21.4 32.2#

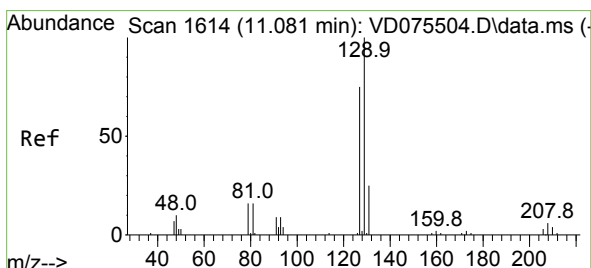
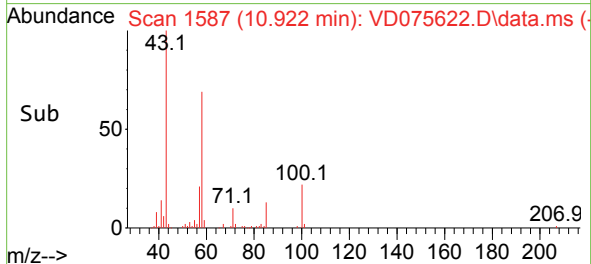
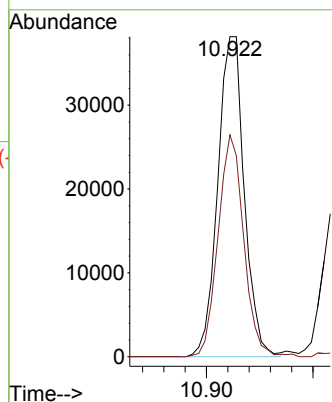
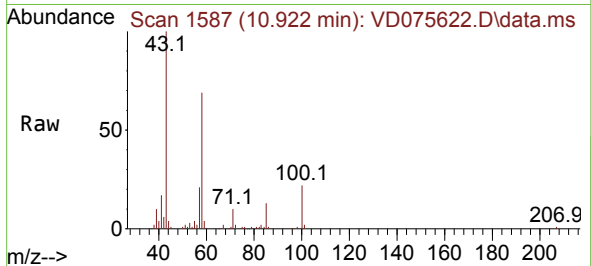




#59
2-Hexanone
Concen: 118.529 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD075622.D
Acq: 11 Apr 2023 16:10

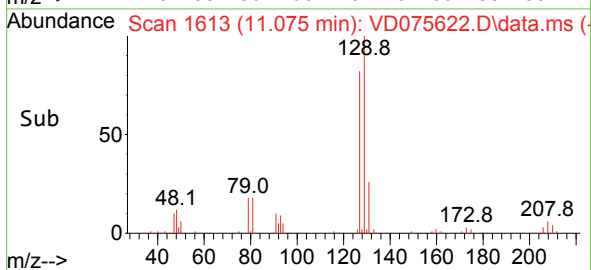
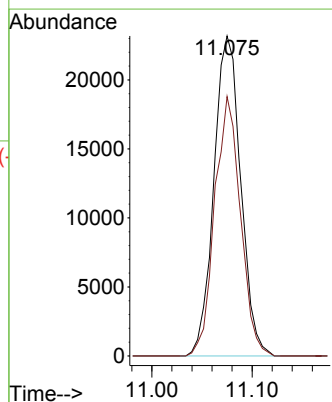
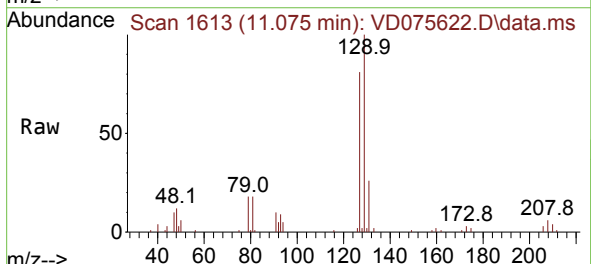
Instrument :
MSVOA_D
ClientSampleId :
VD0411SBS01

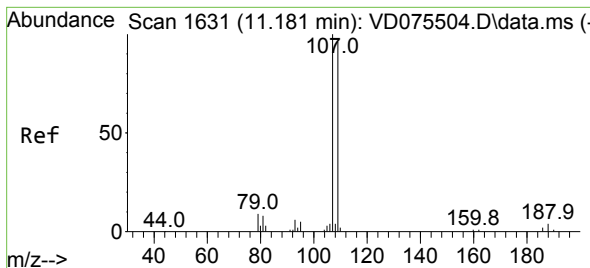
Tgt Ion: 43 Resp: 65971
Ion Ratio Lower Upper
43 100
58 66.9 25.3 75.8



#60
Dibromochloromethane
Concen: 20.509 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD075622.D
Acq: 11 Apr 2023 16:10

Tgt Ion: 129 Resp: 43096
Ion Ratio Lower Upper
129 100
127 78.0 38.1 114.5

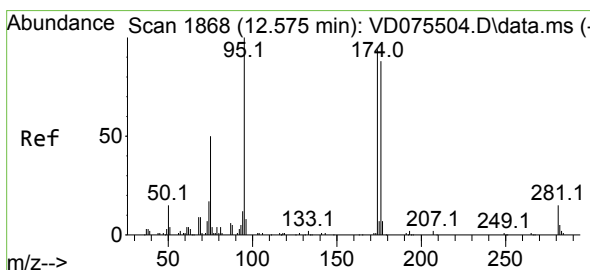
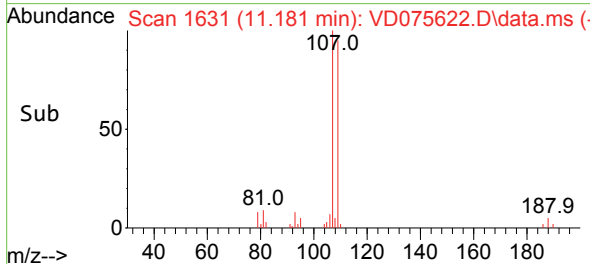
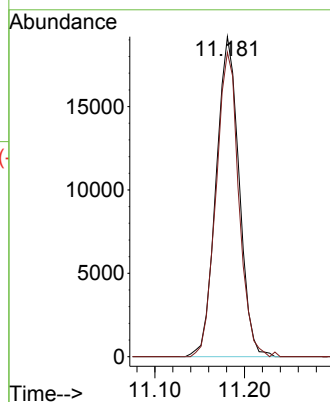
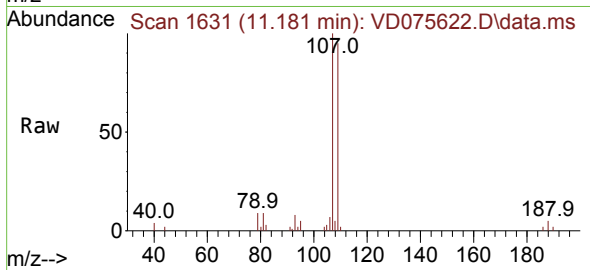




#61
1,2-Dibromoethane
Concen: 20.317 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD075622.D
Acq: 11 Apr 2023 16:10

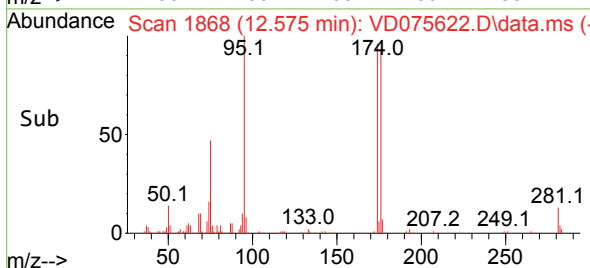
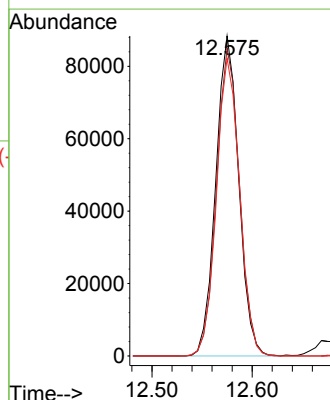
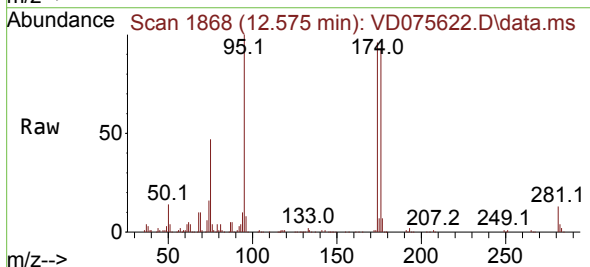
Instrument :
MSVOA_D
ClientSampleId :
VD0411SBS01

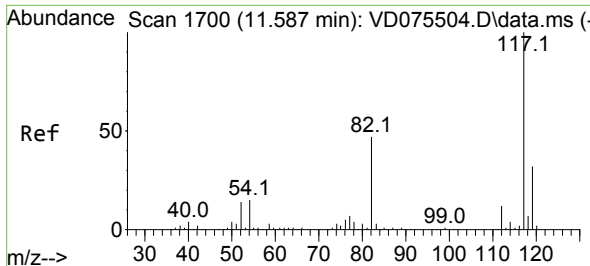
Tgt Ion:107 Resp: 34174
Ion Ratio Lower Upper
107 100
109 94.3 73.6 110.4



#62
4-Bromofluorobenzene
Concen: 57.844 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075622.D
Acq: 11 Apr 2023 16:10

Tgt Ion: 95 Resp: 140443
Ion Ratio Lower Upper
95 100
174 96.4 0.0 164.0
176 93.9 0.0 156.8

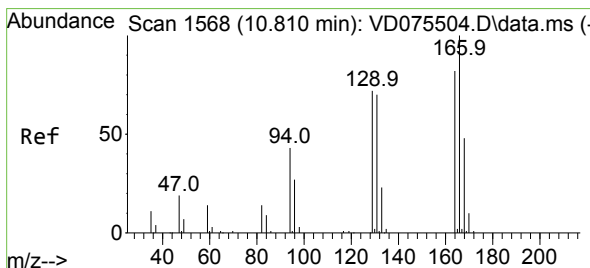
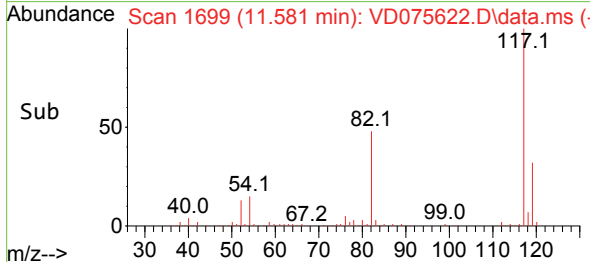
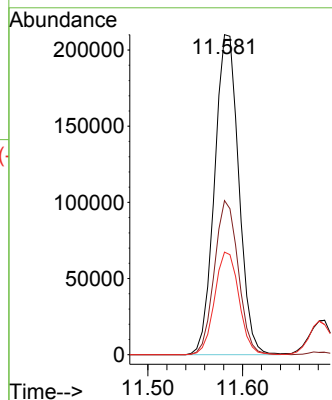
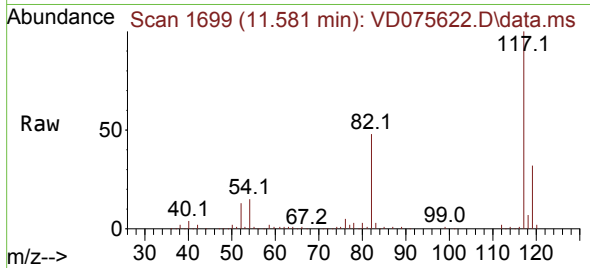




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD075622.D
Acq: 11 Apr 2023 16:10

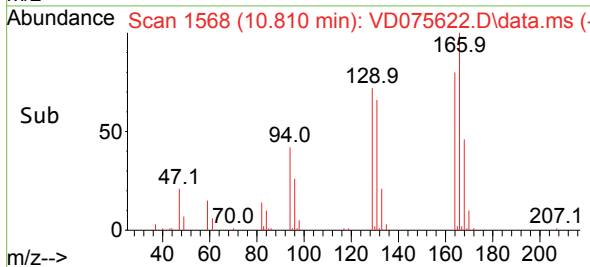
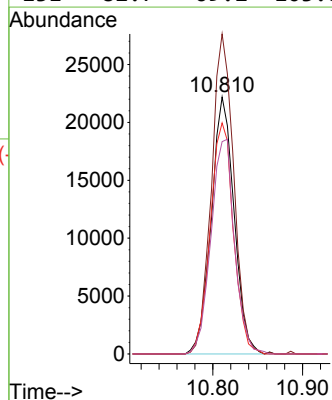
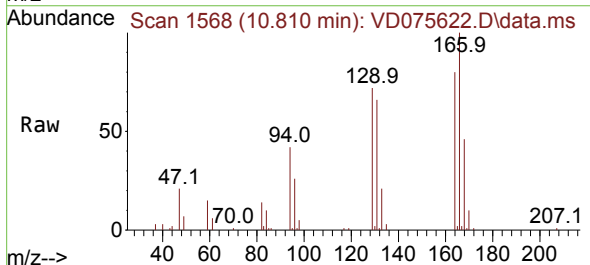
Instrument :
MSVOA_D
ClientSampleId :
VD0411SBS01

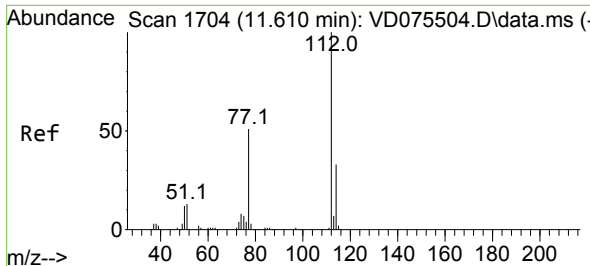
Tgt Ion:117 Resp: 373678
Ion Ratio Lower Upper
117 100
82 48.1 44.0 66.0
119 32.1 25.1 37.7



#64
Tetrachloroethene
Concen: 17.444 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075622.D
Acq: 11 Apr 2023 16:10

Tgt Ion:164 Resp: 39206
Ion Ratio Lower Upper
164 100
166 124.5 94.9 142.3
129 89.9 73.0 109.6
131 82.7 69.2 103.8

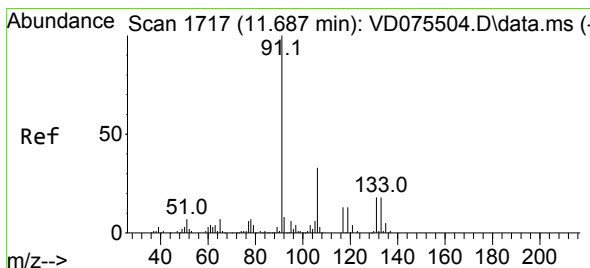
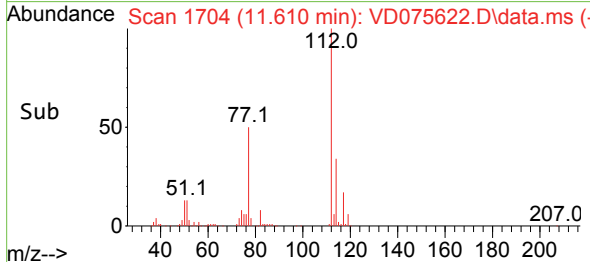
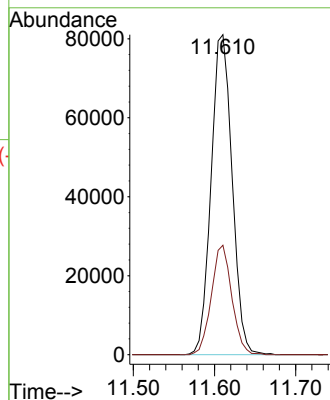
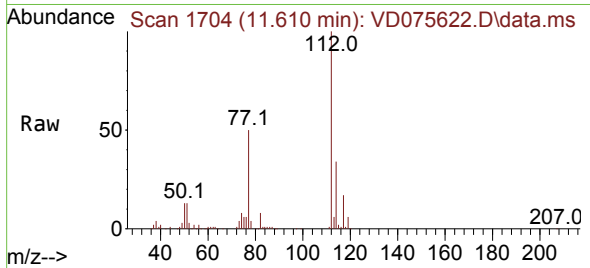




#65
Chlorobenzene
Concen: 20.128 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075622.D
Acq: 11 Apr 2023 16:10

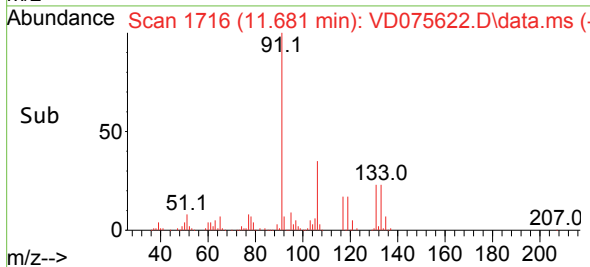
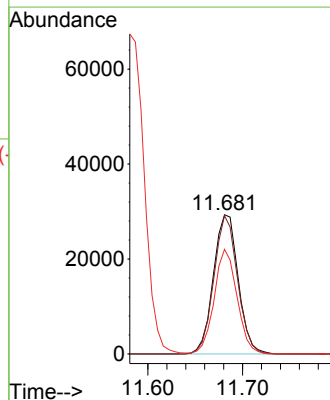
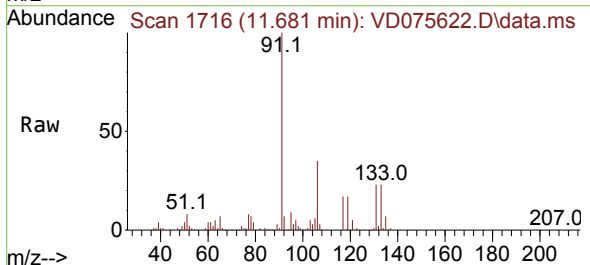
Instrument :
MSVOA_D
ClientSampleId :
VD0411SBS01

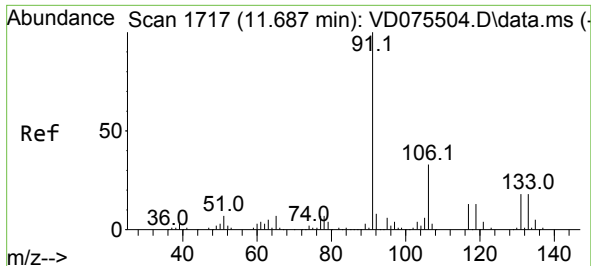
Tgt Ion:112 Resp: 146001
Ion Ratio Lower Upper
112 100
114 34.2 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.775 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD075622.D
Acq: 11 Apr 2023 16:10

Tgt Ion:131 Resp: 53290
Ion Ratio Lower Upper
131 100
133 94.6 46.7 140.0
119 69.2 31.9 95.9

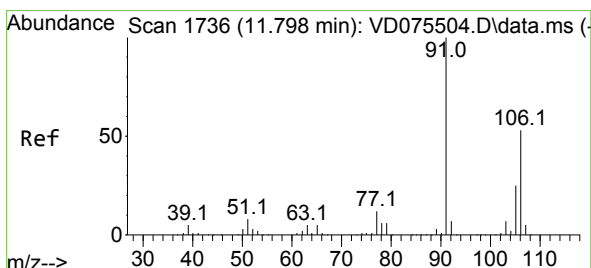
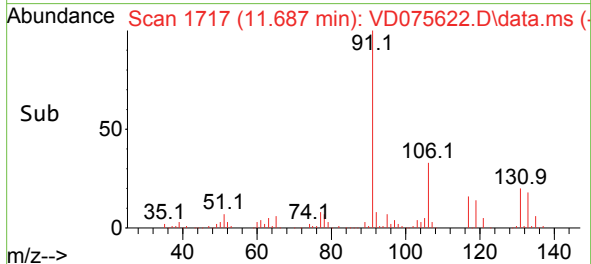
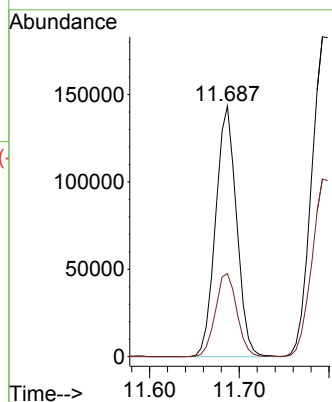
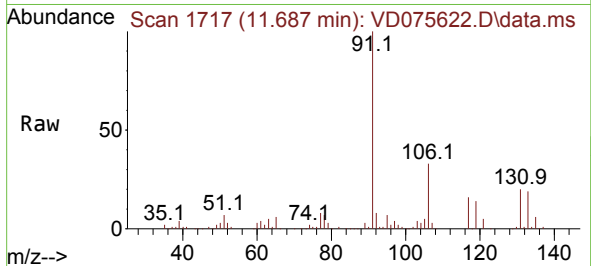




#67
Ethyl Benzene
Concen: 19.394 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD075622.D
Acq: 11 Apr 2023 16:10

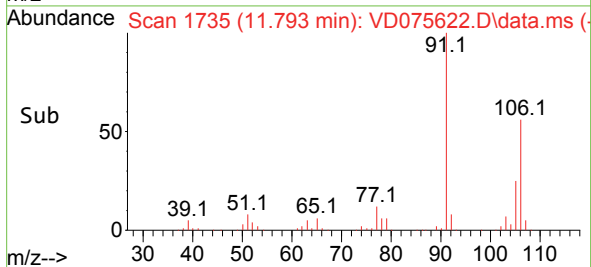
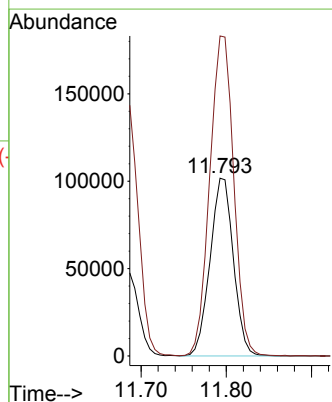
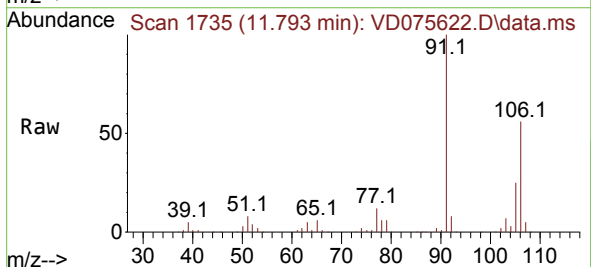
Instrument :
MSVOA_D
ClientSampleId :
VD0411SBS01

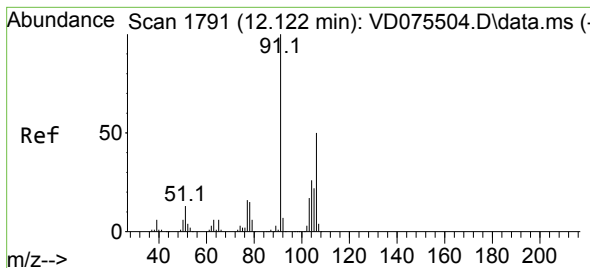
Tgt Ion: 91 Resp: 232097
Ion Ratio Lower Upper
91 100
106 33.1 24.5 36.7



#68
m/p-Xylenes
Concen: 39.240 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VD075622.D
Acq: 11 Apr 2023 16:10

Tgt Ion: 106 Resp: 193424
Ion Ratio Lower Upper
106 100
91 185.1 161.5 242.3





#69

o-Xylene

Concen: 19.394 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD075622.D

Acq: 11 Apr 2023 16:10

Instrument :

MSVOA_D

ClientSampleId :

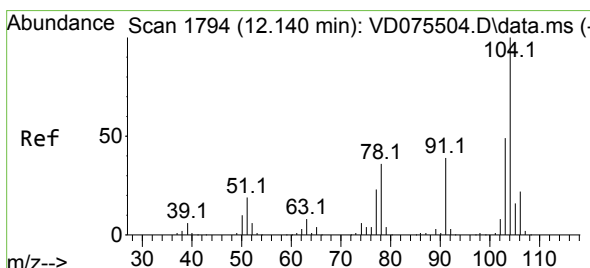
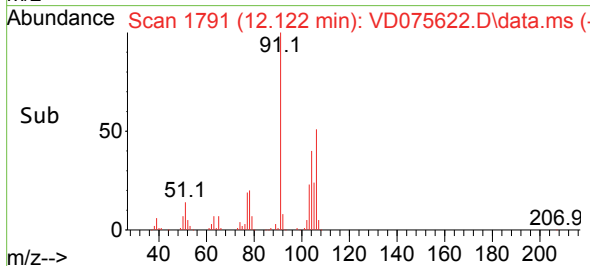
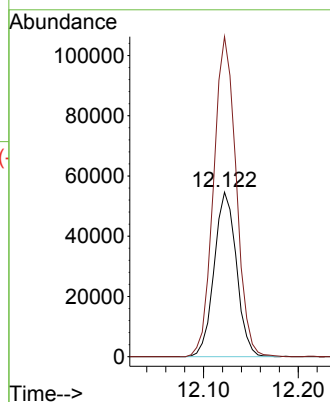
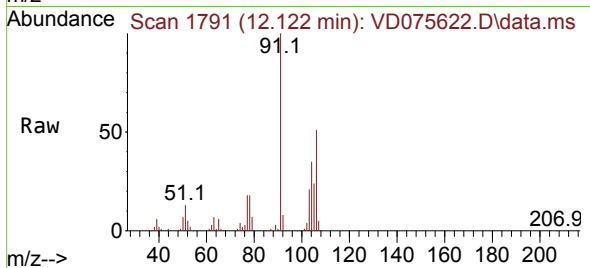
VD0411SBS01

Tgt Ion:106 Resp: 89336

Ion Ratio Lower Upper

106 100

91 197.4 105.7 317.1



#70

Styrene

Concen: 19.475 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VD075622.D

Acq: 11 Apr 2023 16:10

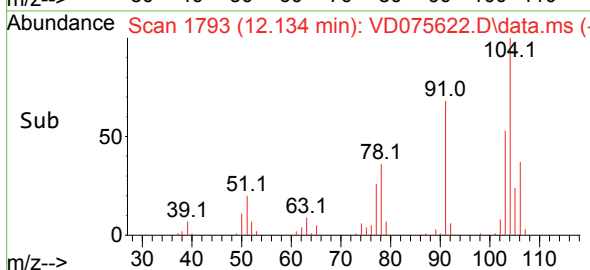
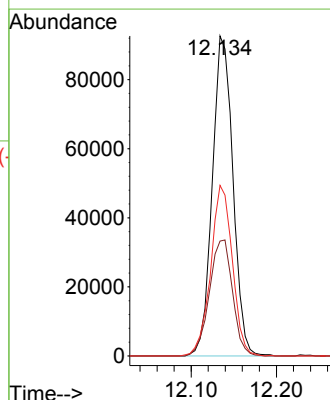
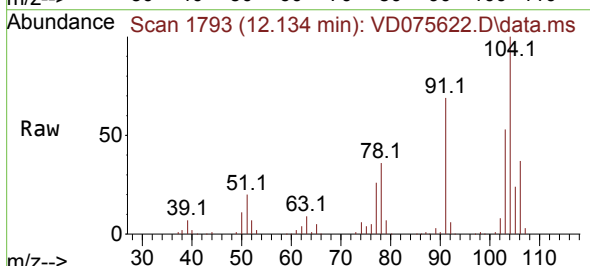
Tgt Ion:104 Resp: 156135

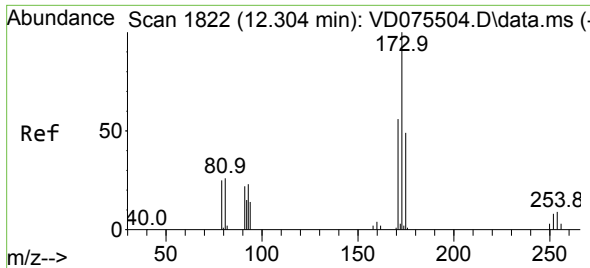
Ion Ratio Lower Upper

104 100

78 40.6 40.2 60.4

103 55.8 44.2 66.2

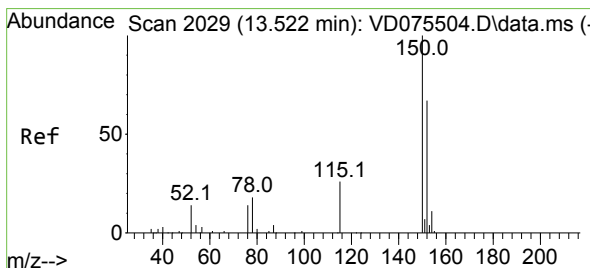
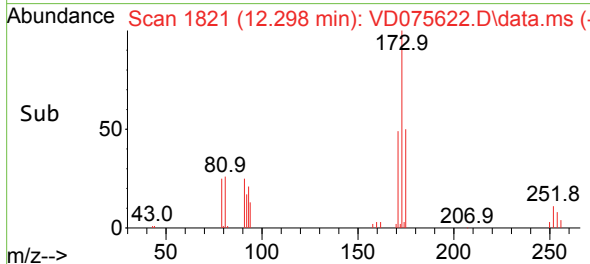
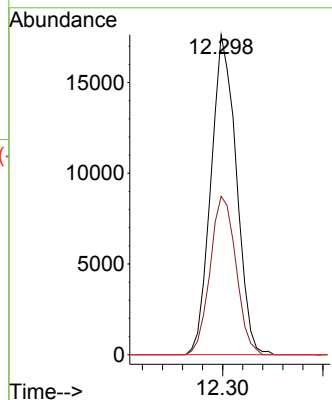
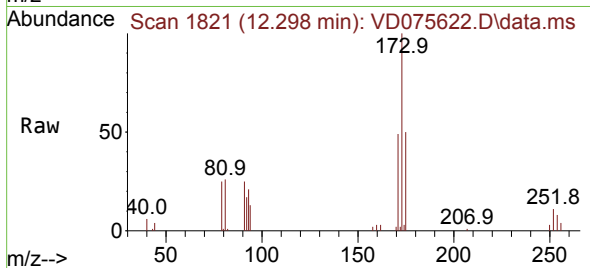




#71
Bromoform
Concen: 23.324 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.006 min
Lab File: VD075622.D
Acq: 11 Apr 2023 16:10

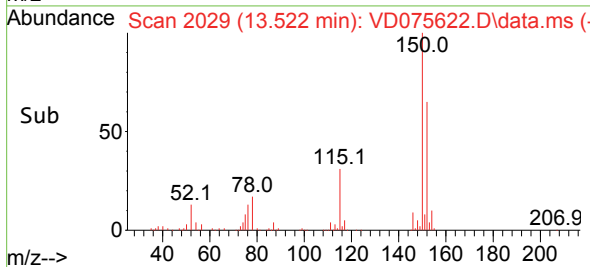
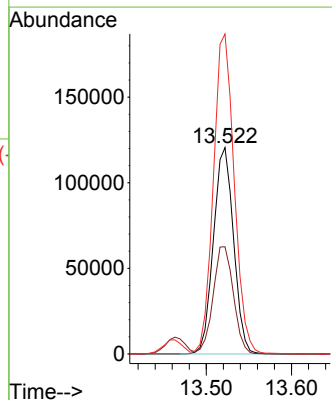
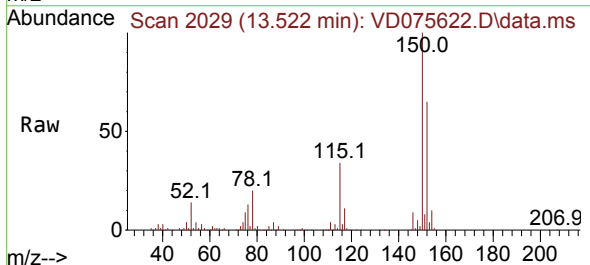
Instrument :
MSVOA_D
ClientSampleId :
VD0411SBS01

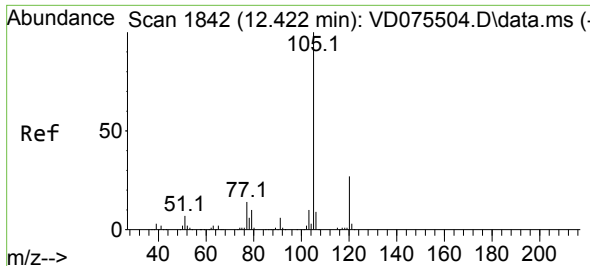
Tgt Ion:173 Resp: 30923
Ion Ratio Lower Upper
173 100
175 50.6 23.5 70.5
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.000 min
Lab File: VD075622.D
Acq: 11 Apr 2023 16:10

Tgt Ion:152 Resp: 197856
Ion Ratio Lower Upper
152 100
115 52.4 30.1 90.3
150 160.5 0.0 364.8

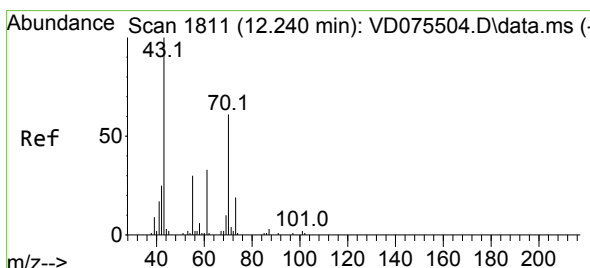
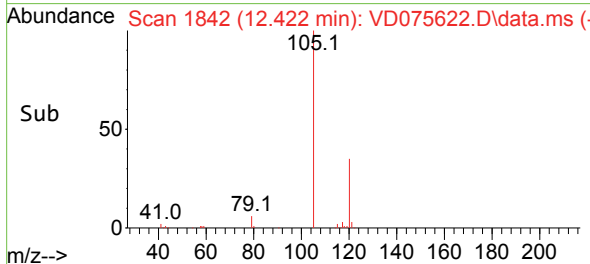
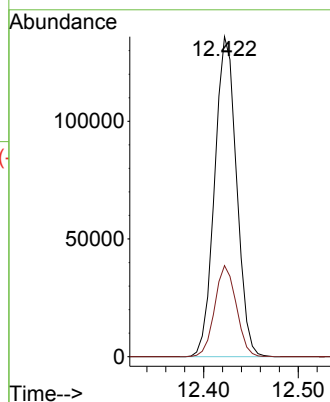
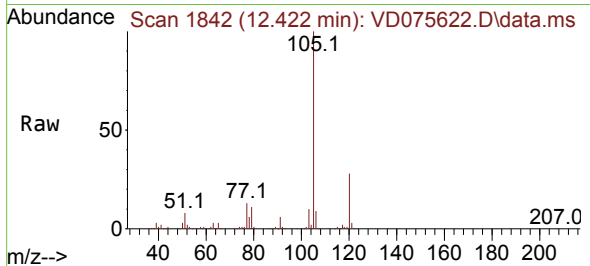




#73
Isopropylbenzene
Concen: 17.828 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD075622.D
Acq: 11 Apr 2023 16:10

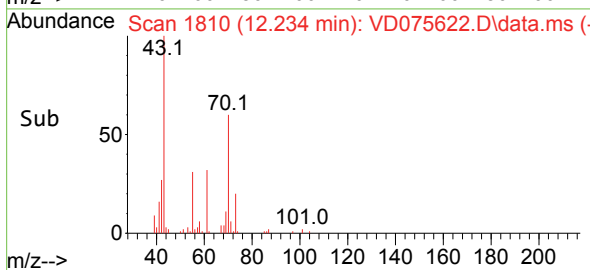
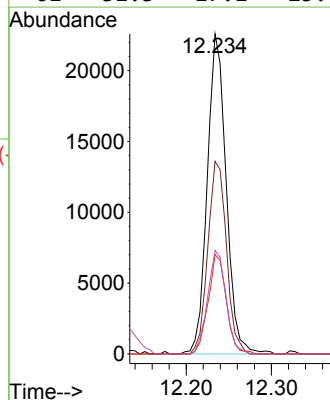
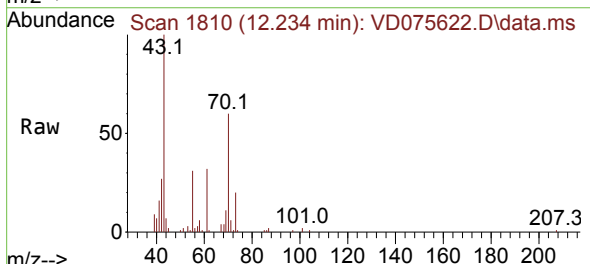
Instrument :
MSVOA_D
ClientSampleId :
VD0411SBS01

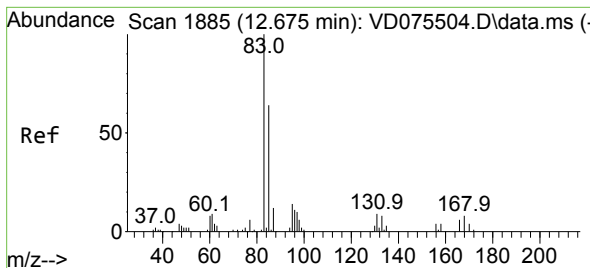
Tgt Ion:105 Resp: 218892
Ion Ratio Lower Upper
105 100
120 28.0 13.4 40.1



#74
N-ethyl acetate
Concen: 20.270 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VD075622.D
Acq: 11 Apr 2023 16:10

Tgt Ion: 43 Resp: 34905
Ion Ratio Lower Upper
43 100
70 59.2 31.0 46.4#
55 29.7 18.6 28.0#
61 31.3 17.1 25.7#





#75

1,1,2,2-Tetrachloroethane

Concen: 21.414 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD075622.D

Acq: 11 Apr 2023 16:10

Instrument :

MSVOA_D

ClientSampleId :

VD0411SBS01

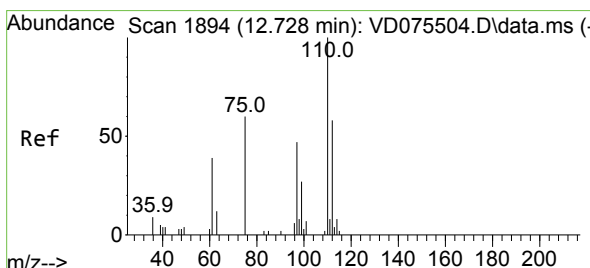
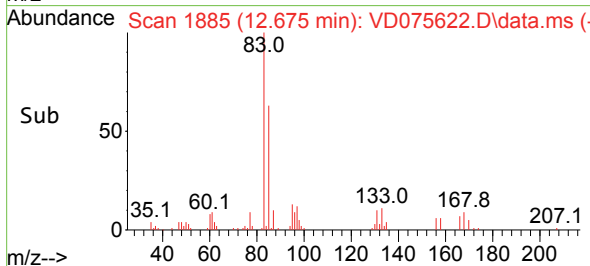
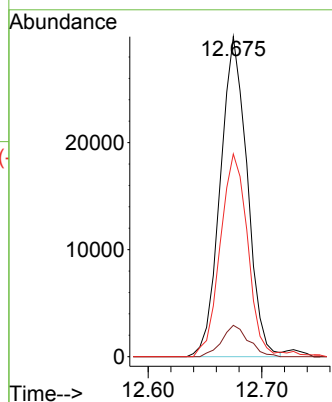
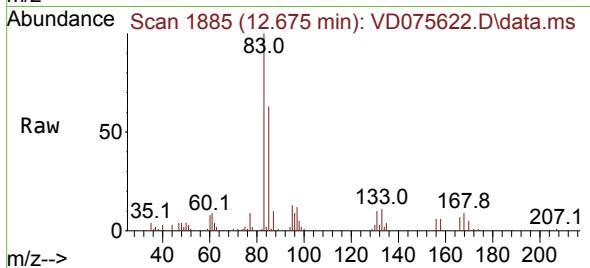
Tgt Ion: 83 Resp: 49179

Ion Ratio Lower Upper

83 100

131 9.7 5.1 15.2

85 65.5 33.6 100.6



#76

1,2,3-Trichloropropane

Concen: 36.216 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.006 min

Lab File: VD075622.D

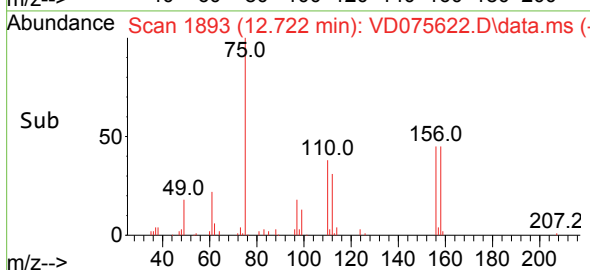
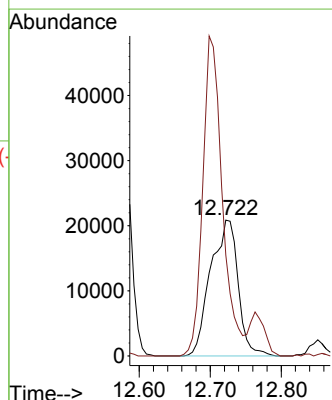
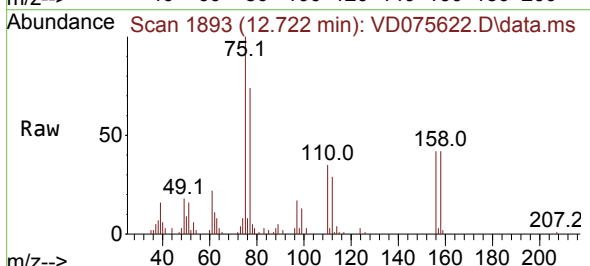
Acq: 11 Apr 2023 16:10

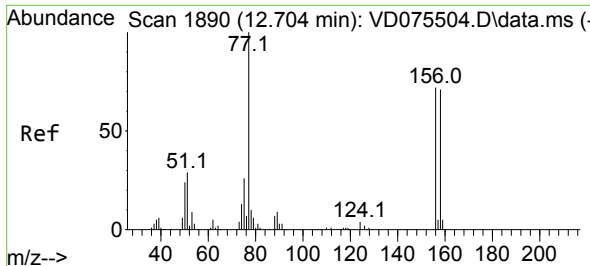
Tgt Ion: 75 Resp: 56079

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

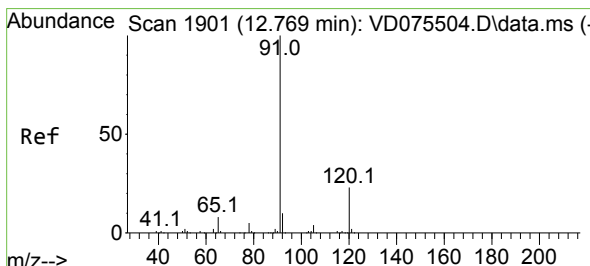
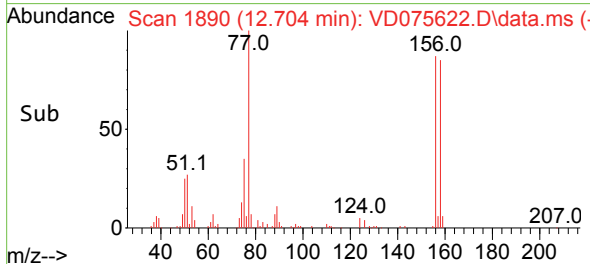
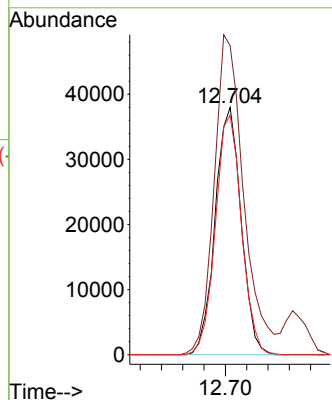
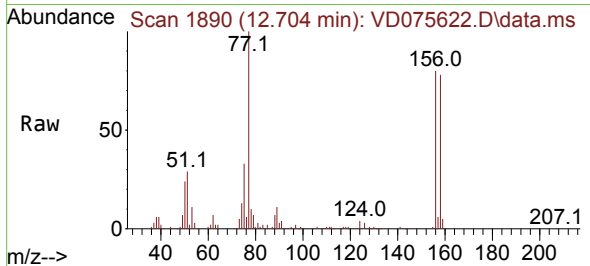




#77
Bromobenzene
Concen: 20.662 ug/l
RT: 12.704 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075622.D
Acq: 11 Apr 2023 16:10

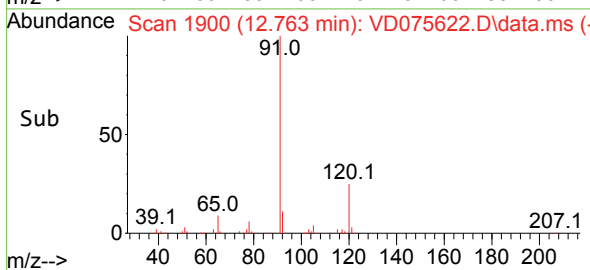
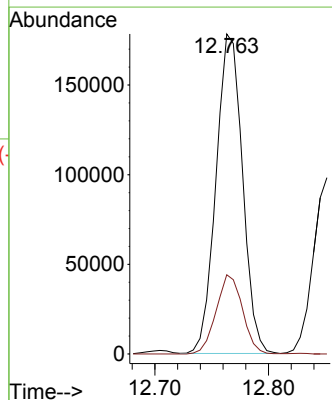
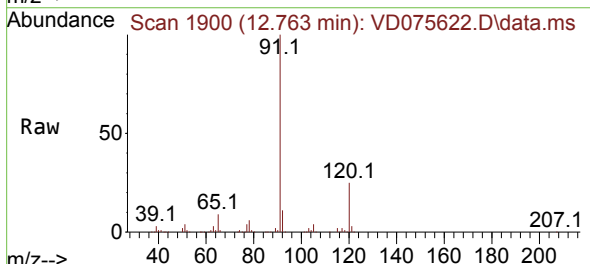
Instrument :
MSVOA_D
ClientSampleId :
VD0411SBS01

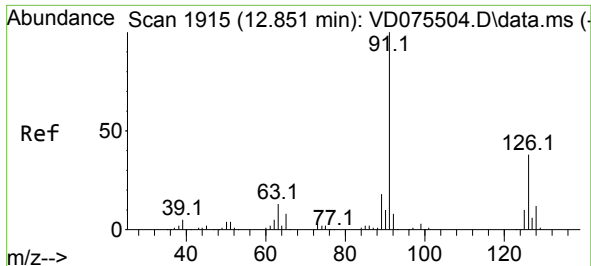
Tgt Ion:156 Resp: 64032
Ion Ratio Lower Upper
156 100
77 146.7 89.5 268.6
158 97.3 47.8 143.4



#78
n-propylbenzene
Concen: 19.552 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.006 min
Lab File: VD075622.D
Acq: 11 Apr 2023 16:10

Tgt Ion: 91 Resp: 288633
Ion Ratio Lower Upper
91 100
120 24.6 11.4 34.2

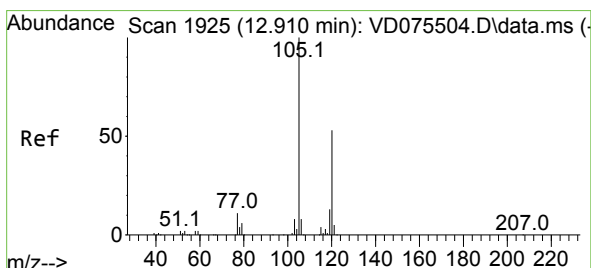
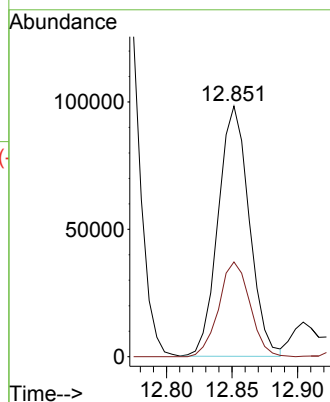
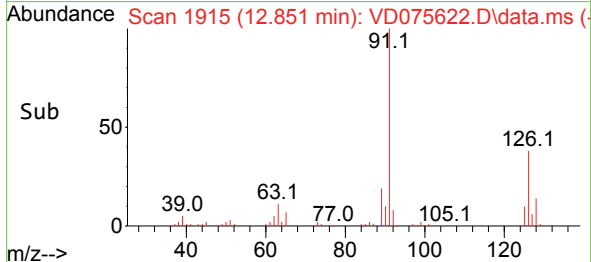
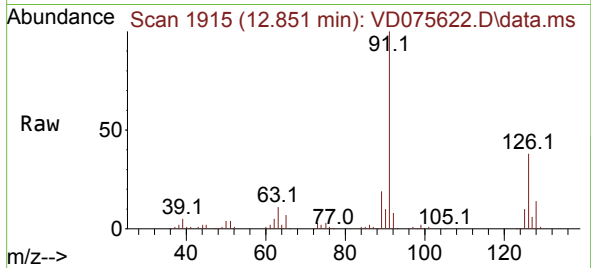




#79
2-Chlorotoluene
Concen: 19.882 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD075622.D
Acq: 11 Apr 2023 16:10

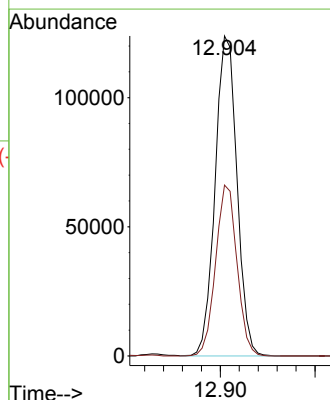
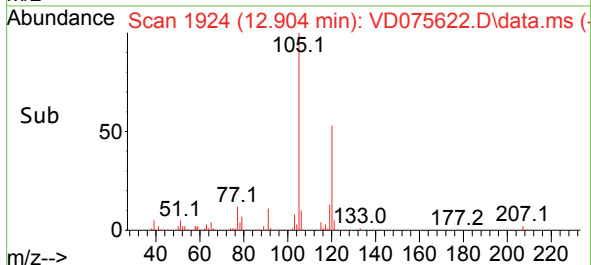
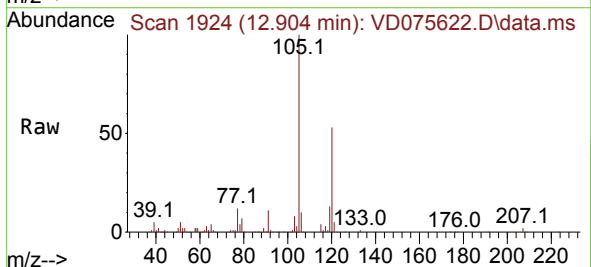
Instrument :
MSVOA_D
ClientSampleId :
VD0411SBS01

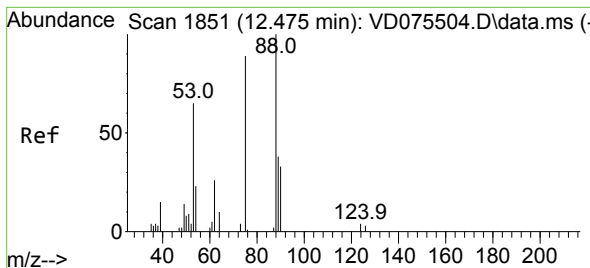
Tgt Ion: 91 Resp: 162329
Ion Ratio Lower Upper
91 100
126 37.8 16.8 50.3



#80
1,3,5-Trimethylbenzene
Concen: 19.735 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.006 min
Lab File: VD075622.D
Acq: 11 Apr 2023 16:10

Tgt Ion: 105 Resp: 198448
Ion Ratio Lower Upper
105 100
120 52.3 24.3 72.8

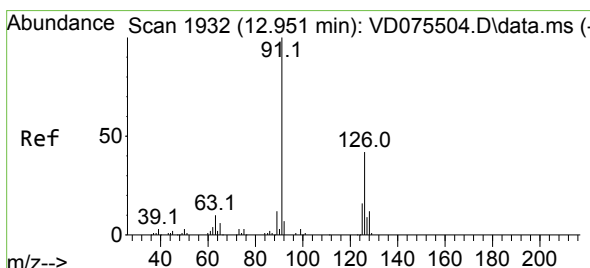
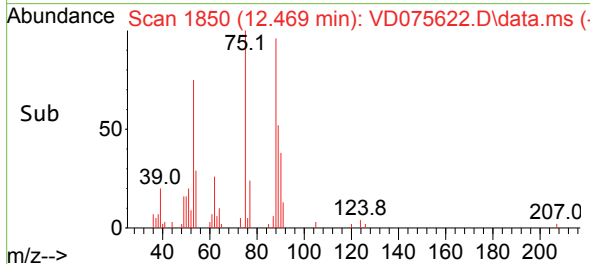
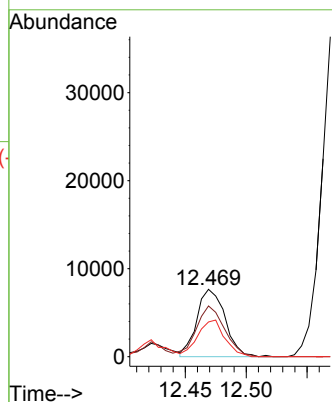
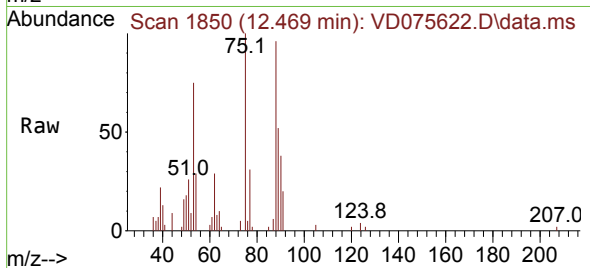




#81
trans-1,4-Dichloro-2-butene
Concen: 18.256 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD075622.D
Acq: 11 Apr 2023 16:10

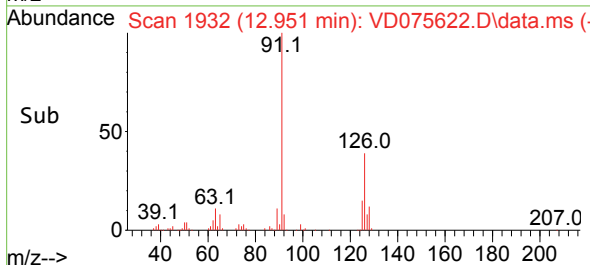
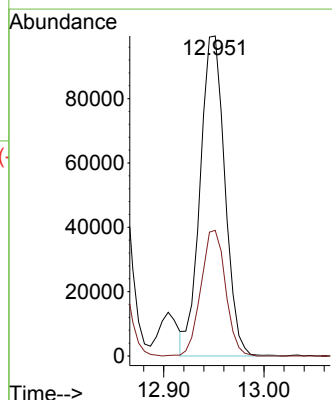
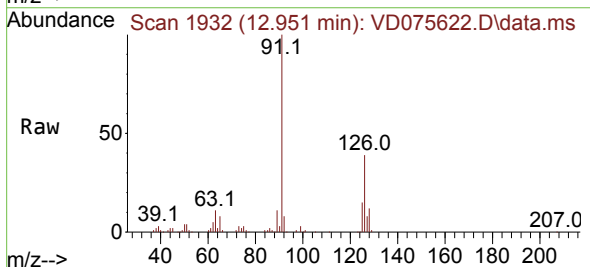
Instrument :
MSVOA_D
ClientSampleId :
VD0411SBS01

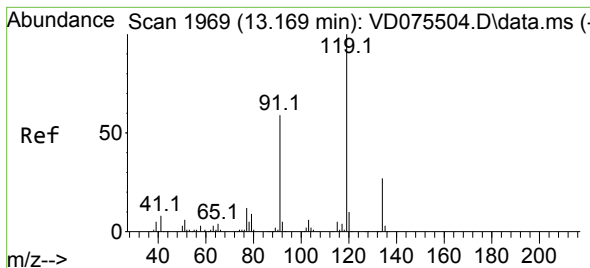
Tgt Ion: 75 Resp: 12334
Ion Ratio Lower Upper
75 100
53 76.1 90.5 135.7#
89 52.1 40.2 60.4



#82
4-Chlorotoluene
Concen: 20.163 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.000 min
Lab File: VD075622.D
Acq: 11 Apr 2023 16:10

Tgt Ion: 91 Resp: 170769
Ion Ratio Lower Upper
91 100
126 39.1 17.1 51.2





#83

tert-Butylbenzene

Concen: 18.899 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD075622.D

Acq: 11 Apr 2023 16:10

Instrument :

MSVOA_D

ClientSampleId :

VD0411SBS01

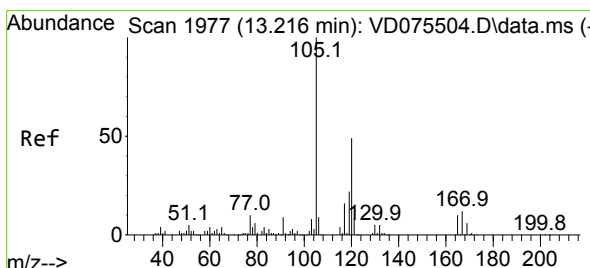
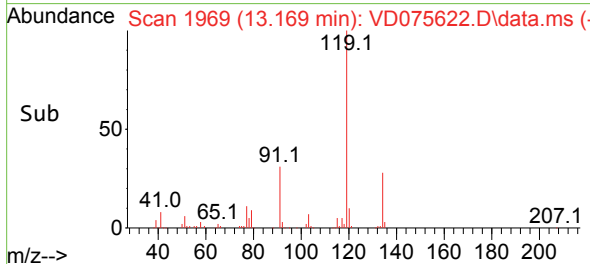
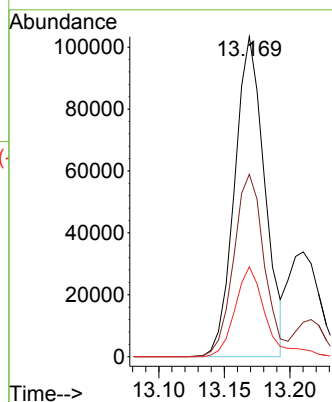
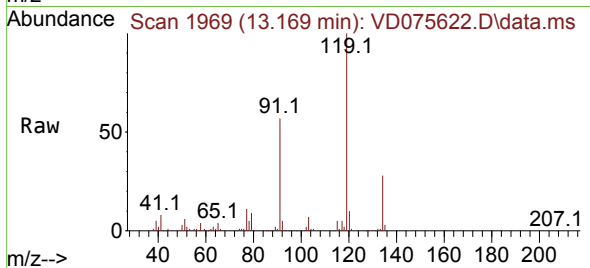
Tgt Ion:119 Resp: 165005

Ion Ratio Lower Upper

119 100

91 58.3 32.4 97.0

134 28.7 13.0 39.0



#84

1,2,4-Trimethylbenzene

Concen: 19.527 ug/l

RT: 13.216 min Scan# 1977

Delta R.T. 0.000 min

Lab File: VD075622.D

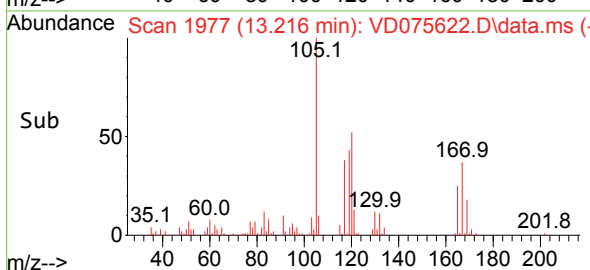
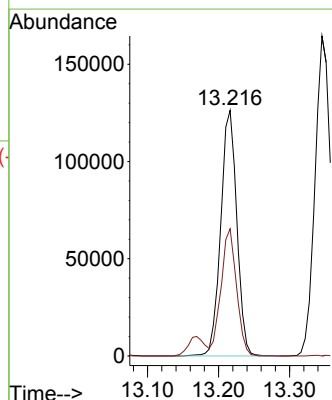
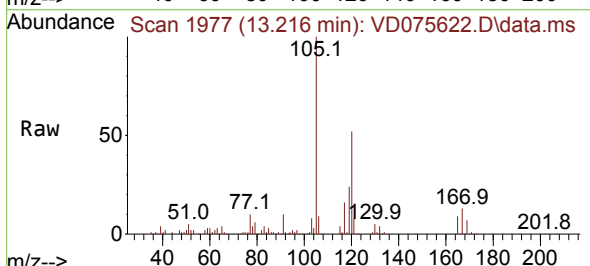
Acq: 11 Apr 2023 16:10

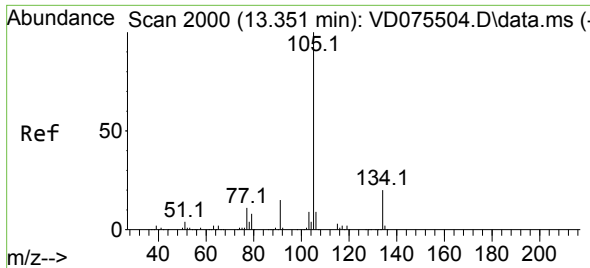
Tgt Ion:105 Resp: 198290

Ion Ratio Lower Upper

105 100

120 50.0 22.3 66.9

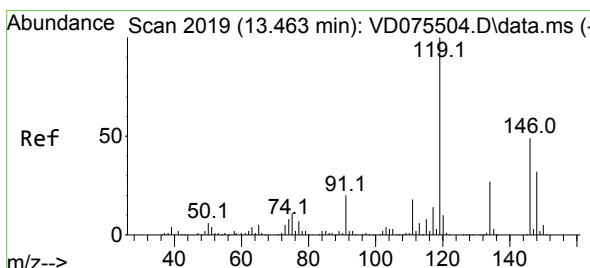
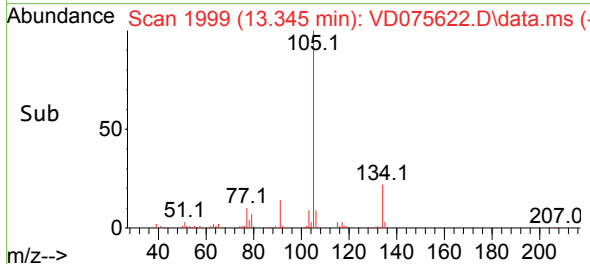
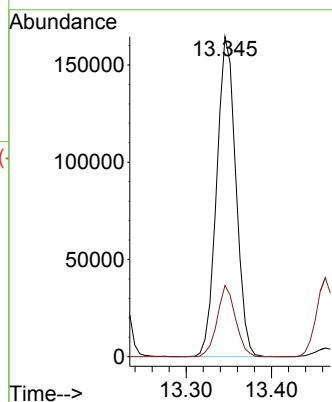
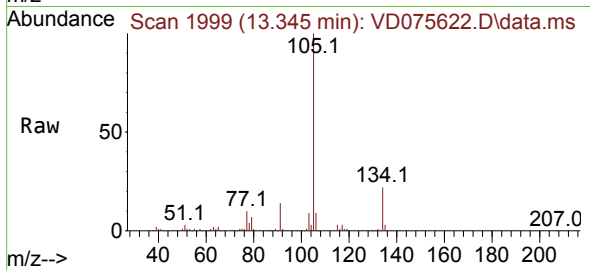




#85
 sec-Butylbenzene
 Concen: 19.259 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.006 min
 Lab File: VD075622.D
 Acq: 11 Apr 2023 16:10

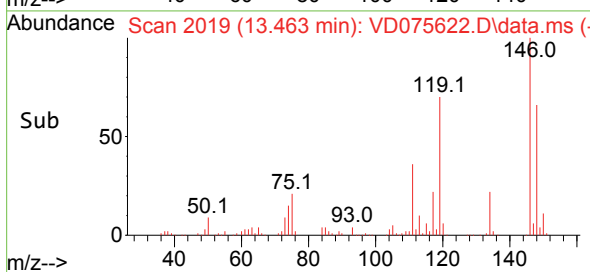
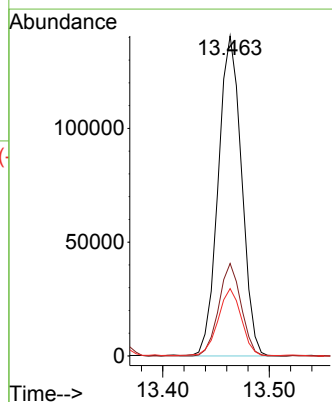
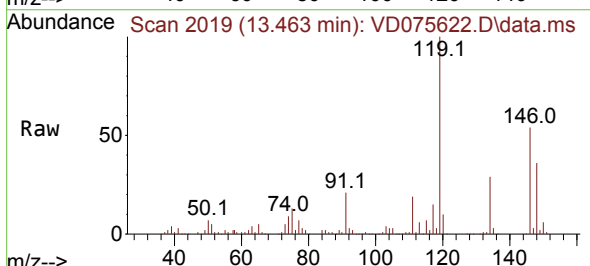
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0411SBS01

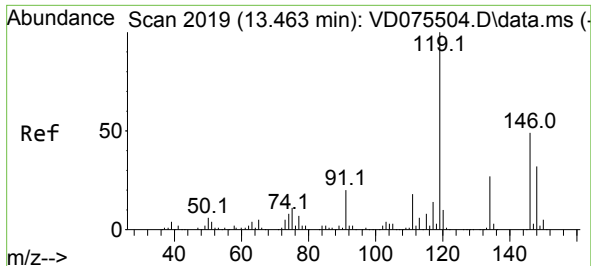
Tgt Ion:105 Resp: 256953
 Ion Ratio Lower Upper
 105 100
 134 21.3 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 19.088 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD075622.D
 Acq: 11 Apr 2023 16:10

Tgt Ion:119 Resp: 214086
 Ion Ratio Lower Upper
 119 100
 134 27.6 13.1 39.3
 91 20.7 12.4 37.4

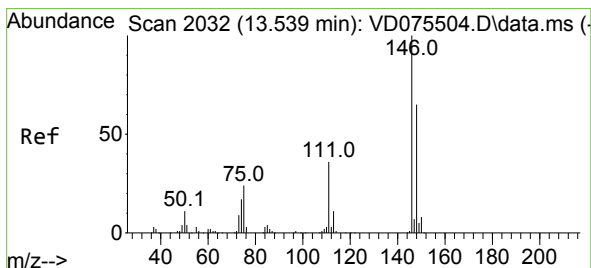
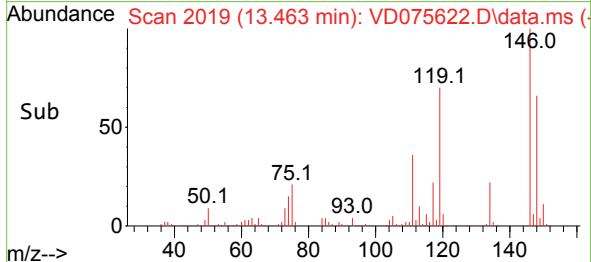
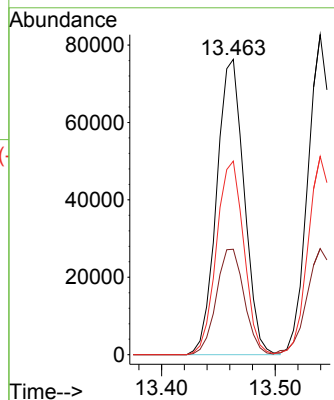
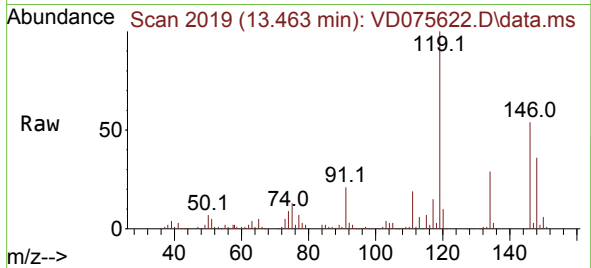




#87
 1,3-Dichlorobenzene
 Concen: 19.828 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD075622.D
 Acq: 11 Apr 2023 16:10

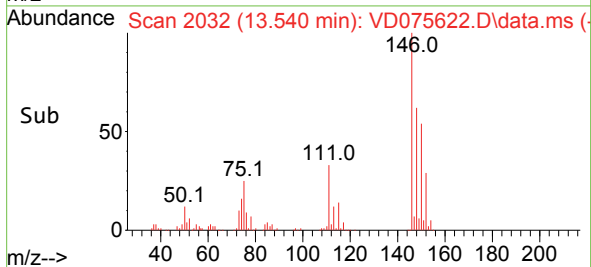
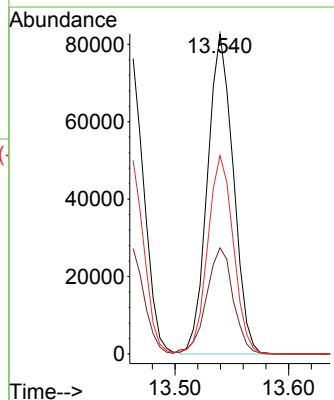
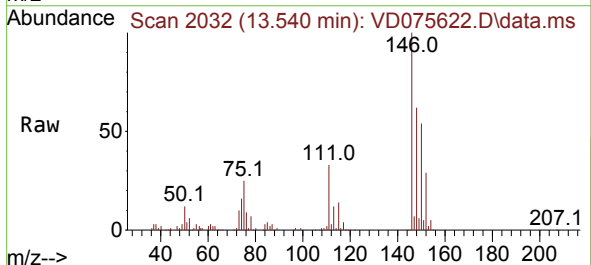
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0411SBS01

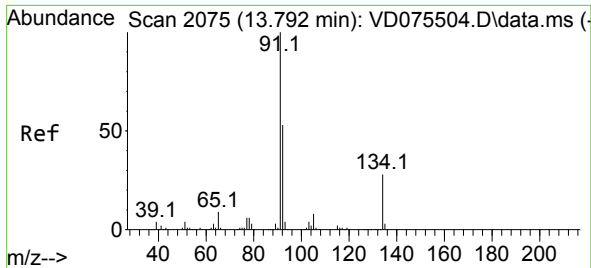
Tgt Ion:146 Resp: 128316
 Ion Ratio Lower Upper
 146 100
 111 36.2 19.8 59.3
 148 65.2 31.0 93.0



#88
 1,4-Dichlorobenzene
 Concen: 20.389 ug/l
 RT: 13.540 min Scan# 2032
 Delta R.T. -0.006 min
 Lab File: VD075622.D
 Acq: 11 Apr 2023 16:10

Tgt Ion:146 Resp: 130493
 Ion Ratio Lower Upper
 146 100
 111 34.4 19.6 58.8
 148 61.9 31.7 95.1

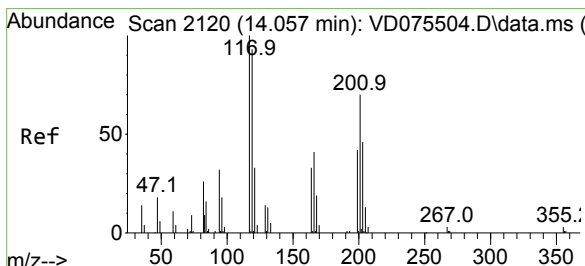
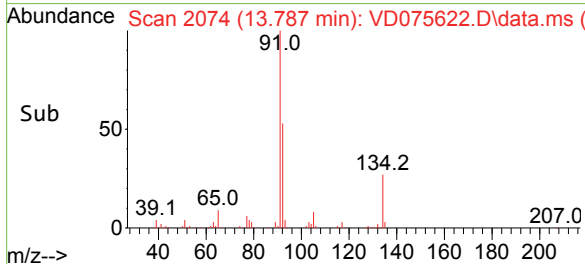
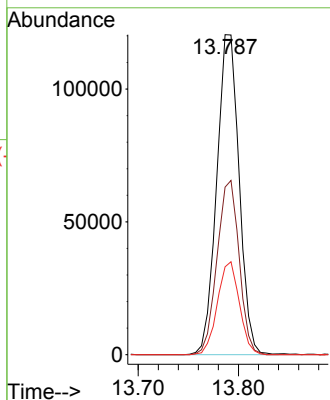
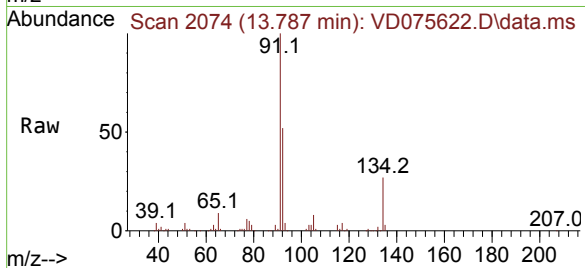




#89
n-Butylbenzene
Concen: 18.358 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.006 min
Lab File: VD075622.D
Acq: 11 Apr 2023 16:10

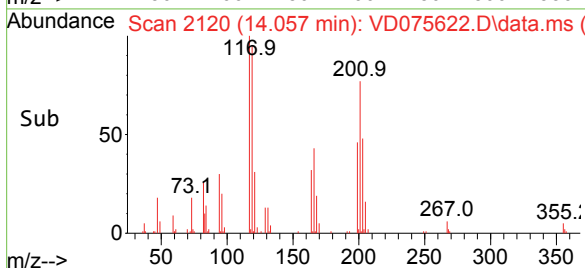
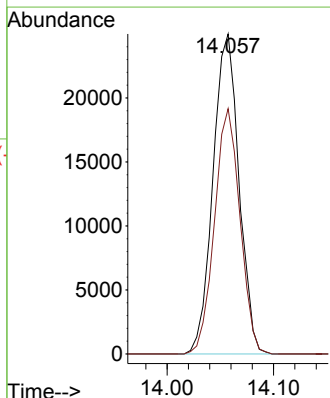
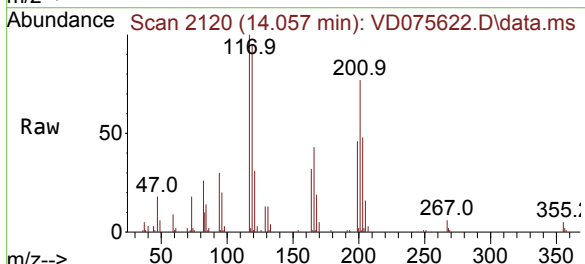
Instrument :
MSVOA_D
ClientSampleId :
VD0411SBS01

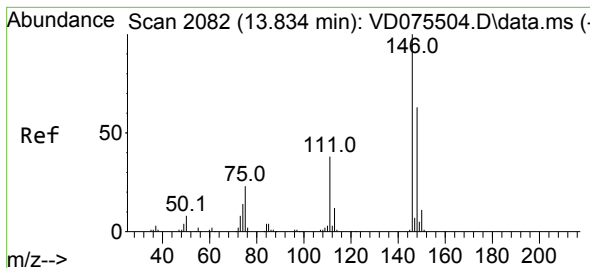
Tgt Ion: 91 Resp: 187202
Ion Ratio Lower Upper
91 100
92 53.6 26.2 78.5
134 28.4 12.7 38.0



#90
Hexachloroethane
Concen: 19.941 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD075622.D
Acq: 11 Apr 2023 16:10

Tgt Ion: 117 Resp: 42306
Ion Ratio Lower Upper
117 100
201 75.1 34.5 103.6





#91

1,2-Dichlorobenzene

Concen: 20.178 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD075622.D

Acq: 11 Apr 2023 16:10

Instrument :

MSVOA_D

ClientSampleId :

VD0411SBS01

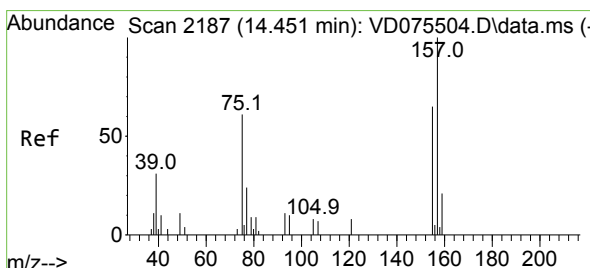
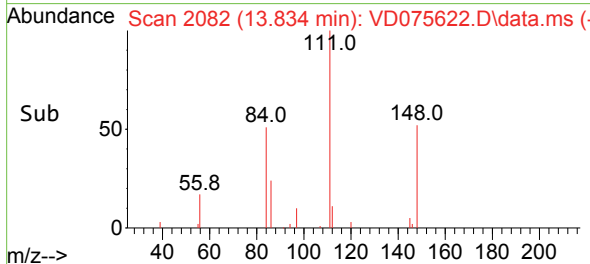
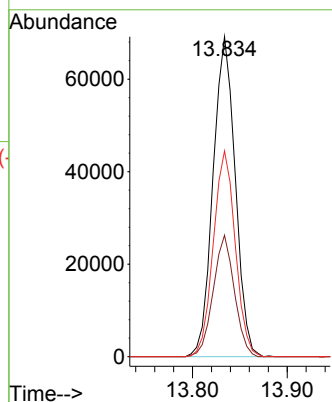
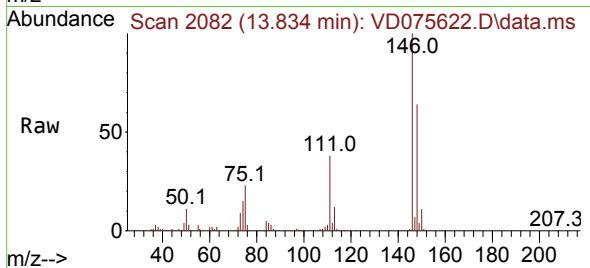
Tgt Ion:146 Resp: 112557

Ion Ratio Lower Upper

146 100

111 36.3 20.6 61.8

148 63.6 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.364 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.006 min

Lab File: VD075622.D

Acq: 11 Apr 2023 16:10

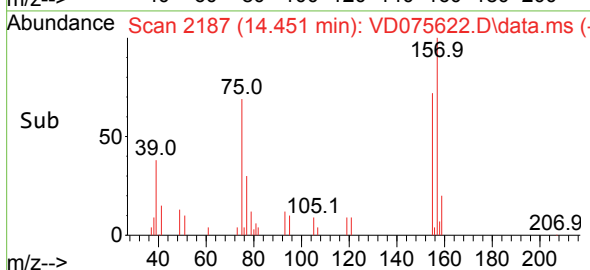
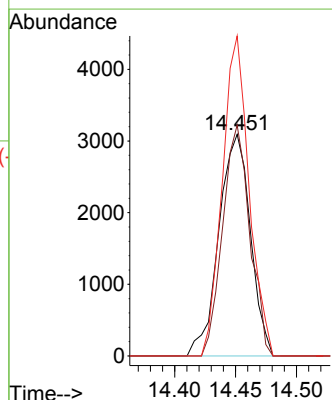
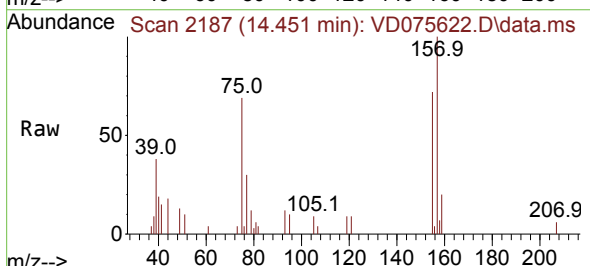
Tgt Ion: 75 Resp: 5563

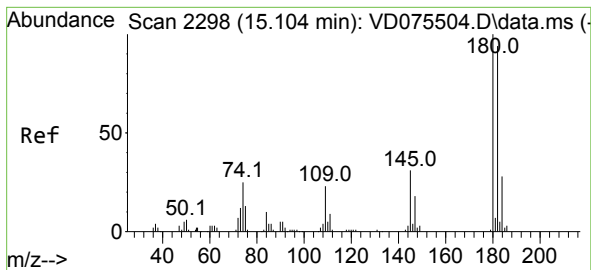
Ion Ratio Lower Upper

75 100

155 90.1 39.5 118.5

157 122.7 53.5 160.7





#93

1,2,4-Trichlorobenzene

Concen: 16.334 ug/l

RT: 15.098 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD075622.D

Acq: 11 Apr 2023 16:10

Instrument :

MSVOA_D

ClientSampleId :

VD0411SBS01

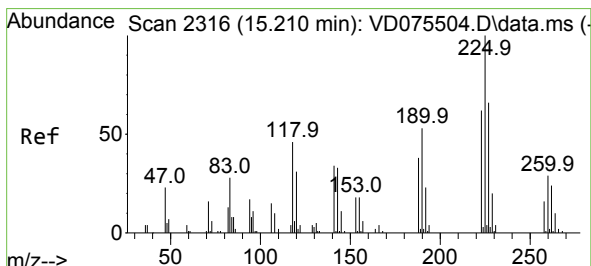
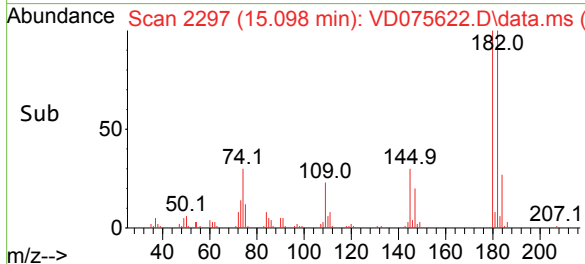
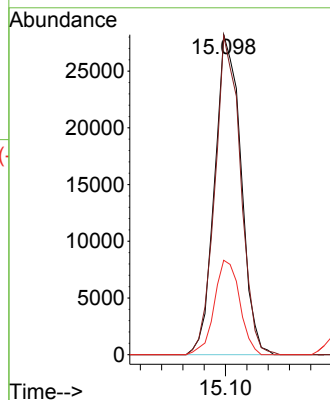
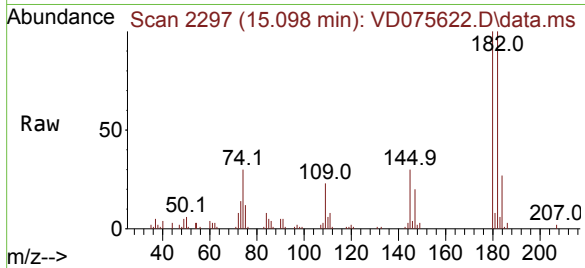
Tgt Ion:180 Resp: 48325

Ion Ratio Lower Upper

180 100

182 97.1 47.9 143.7

145 28.5 15.9 47.7



#94

Hexachlorobutadiene

Concen: 16.462 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.006 min

Lab File: VD075622.D

Acq: 11 Apr 2023 16:10

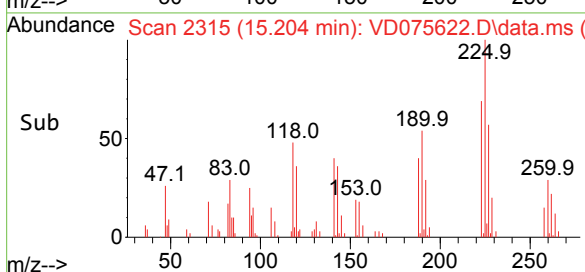
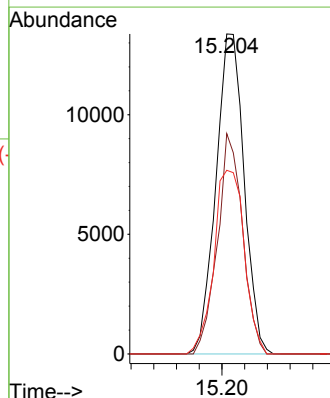
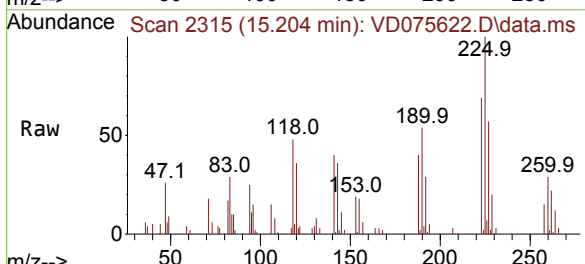
Tgt Ion:225 Resp: 23071

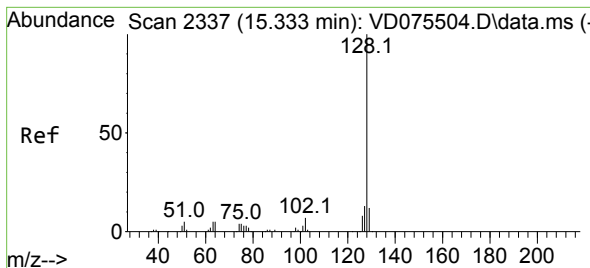
Ion Ratio Lower Upper

225 100

223 61.4 33.1 99.2

227 61.7 31.9 95.9





#95

Naphthalene

Concen: 16.264 ug/l

RT: 15.334 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD075622.D

Acq: 11 Apr 2023 16:10

Instrument :

MSVOA_D

ClientSampleId :

VD0411SBS01

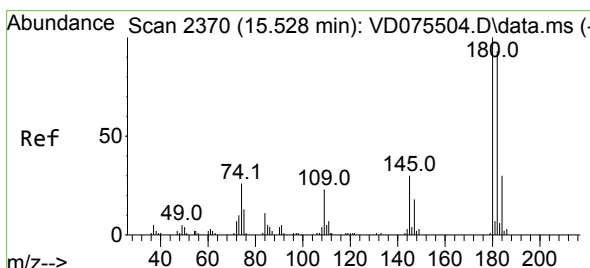
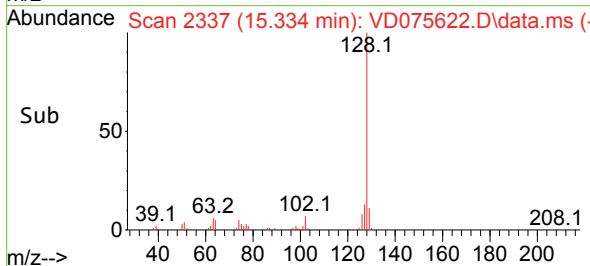
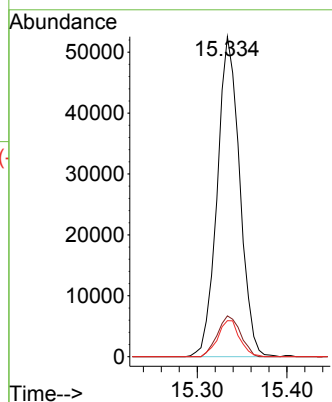
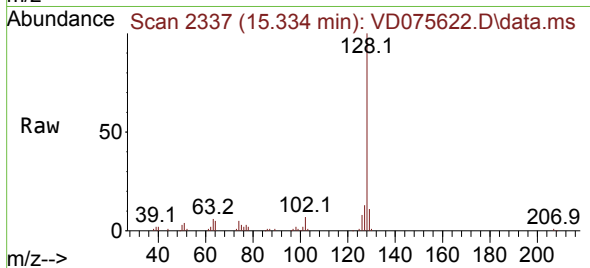
Tgt Ion:128 Resp: 91369

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 11.0 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 16.359 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. -0.006 min

Lab File: VD075622.D

Acq: 11 Apr 2023 16:10

Tgt Ion:180 Resp: 42883

Ion Ratio Lower Upper

180 100

182 93.0 47.7 143.1

145 31.2 16.4 49.4

