

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062623\
 Data File : VD076577.D
 Acq On : 26 Jun 2023 13:27
 Operator : KP/SY
 Sample : VD0626SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0626SBS01

Quant Time: Jun 27 04:25:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	130416	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	221735	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	199084	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	100122	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	62902	48.140	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.280%
35) Dibromofluoromethane	7.799	113	67534	51.269	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.540%
50) Toluene-d8	10.269	98	239316	47.905	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.800%
62) 4-Bromofluorobenzene	12.575	95	80783	49.826	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.660%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	20278	20.463	ug/l	98
3) Chloromethane	2.146	50	35242	17.099	ug/l	100
4) Vinyl Chloride	2.281	62	40286	17.523	ug/l	97
5) Bromomethane	2.675	94	28275	18.915	ug/l	99
6) Chloroethane	2.828	64	30480	19.343	ug/l	97
7) Trichlorofluoromethane	3.169	101	38397	20.294	ug/l	96
8) Diethyl Ether	3.587	74	13244	18.600	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.963	101	23931	19.640	ug/l	97
10) Methyl Iodide	4.158	142	28579	19.783	ug/l	91
11) Tert butyl alcohol	5.063	59	9369	83.046	ug/l #	84
12) 1,1-Dichloroethene	3.928	96	22342	18.722	ug/l	88
13) Acrolein	3.793	56	10260	84.433	ug/l	89
14) Allyl chloride	4.552	41	39465	18.083	ug/l #	86
15) Acrylonitrile	5.252	53	32260	88.106	ug/l	98
16) Acetone	4.022	43	29554	95.049	ug/l #	83
17) Carbon Disulfide	4.269	76	51986	15.944	ug/l	100
18) Methyl Acetate	4.558	43	24732	17.260	ug/l #	85
19) Methyl tert-butyl Ether	5.316	73	59841	18.332	ug/l #	87
20) Methylene Chloride	4.799	84	33554	13.597	ug/l #	89
21) trans-1,2-Dichloroethene	5.305	96	25498	18.486	ug/l #	83
22) Diisopropyl ether	6.210	45	86650	18.362	ug/l #	91
23) Vinyl Acetate	6.152	43	168874	72.196	ug/l #	88
24) 1,1-Dichloroethane	6.110	63	51485	19.538	ug/l	97
25) 2-Butanone	7.081	43	43654	90.772	ug/l #	82
26) 2,2-Dichloropropane	7.081	77	44011	19.371	ug/l	93
27) cis-1,2-Dichloroethene	7.075	96	32209	19.295	ug/l	84
28) Bromochloromethane	7.422	49	17157	21.436	ug/l #	71
29) Tetrahydrofuran	7.440	42	26388	85.380	ug/l #	79
30) Chloroform	7.599	83	52592	20.156	ug/l	95
31) Cyclohexane	7.881	56	38317	18.046	ug/l #	82
32) 1,1,1-Trichloroethane	7.793	97	43894	20.811	ug/l	95
36) 1,1-Dichloropropene	8.004	75	36376	19.720	ug/l	95
37) Ethyl Acetate	7.175	43	17664	16.525	ug/l	97
38) Carbon Tetrachloride	7.987	117	33743	20.466	ug/l	94
39) Methylcyclohexane	9.275	83	38444	17.759	ug/l #	87
40) Benzene	8.252	78	107544	19.118	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	13495	22.358	ug/l #	69
42) 1,2-Dichloroethane	8.328	62	31997	21.051	ug/l	95
43) Isopropyl Acetate	8.363	43	34975	17.283	ug/l #	74
44) Trichloroethene	9.028	130	28861	19.019	ug/l	98
45) 1,2-Dichloropropane	9.304	63	29182	19.133	ug/l #	87
46) Dibromomethane	9.399	93	17478	21.391	ug/l	89
47) Bromodichloromethane	9.581	83	41194	21.068	ug/l #	97
48) Methyl methacrylate	9.381	41	17887	19.285	ug/l #	66
49) 1,4-Dioxane	9.387	88	3756	383.677	ug/l #	75
51) 4-Methyl-2-Pentanone	10.157	43	94988	91.825	ug/l	88
52) Toluene	10.334	92	69342	19.643	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	38833	19.573	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	43980	18.697	ug/l #	79
55) 1,1,2-Trichloroethane	10.734	97	21654	18.947	ug/l #	87
56) Ethyl methacrylate	10.598	69	28137	18.855	ug/l #	71
57) 1,3-Dichloropropane	10.881	76	39022	19.942	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	59762	94.461	ug/l	94
59) 2-Hexanone	10.922	43	67989	94.486	ug/l	84
60) Dibromochloromethane	11.075	129	27975	21.033	ug/l	98
61) 1,2-Dibromoethane	11.181	107	21294	19.848	ug/l	99
64) Tetrachloroethene	10.810	164	23675	19.811	ug/l	90
65) Chlorobenzene	11.610	112	77855	20.585	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.681	131	29682	21.944	ug/l	94
67) Ethyl Benzene	11.687	91	138643	20.688	ug/l	95
68) m/p-Xylenes	11.793	106	106909	40.866	ug/l	91
69) o-Xylene	12.122	106	51675	20.751	ug/l	94
70) Styrene	12.134	104	88045	20.467	ug/l	95
71) Bromoform	12.298	173	16980	20.907	ug/l #	99
73) Isopropylbenzene	12.422	105	131279	19.475	ug/l	98
74) N-amyl acetate	12.234	43	34078	17.268	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.675	83	27600	19.842	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	33208	33.419	ug/l #	100
77) Bromobenzene	12.704	156	32601	19.603	ug/l	86
78) n-propylbenzene	12.763	91	163179	19.605	ug/l	96
79) 2-Chlorotoluene	12.851	91	91926	20.112	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	110075	19.995	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.475	75	8175	18.027	ug/l	88
82) 4-Chlorotoluene	12.945	91	93860	19.774	ug/l	96
83) tert-Butylbenzene	13.169	119	96835	19.797	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	109478	19.734	ug/l	98
85) sec-Butylbenzene	13.345	105	144733	19.939	ug/l	98
86) p-Isopropyltoluene	13.463	119	121883	20.095	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	66640	20.400	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	65005	19.952	ug/l	95
89) n-Butylbenzene	13.787	91	115333	19.495	ug/l	99
90) Hexachloroethane	14.051	117	22451	20.058	ug/l	94
91) 1,2-Dichlorobenzene	13.834	146	57520	20.150	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	4049	19.339	ug/l	97
93) 1,2,4-Trichlorobenzene	15.098	180	36894	19.393	ug/l	97
94) Hexachlorobutadiene	15.204	225	19847	21.458	ug/l	94
95) Naphthalene	15.333	128	70416	18.510	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	31877	19.232	ug/l	97

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ALS Vial : 5 Sample Multiplier: 1

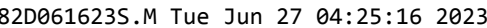
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MSVOA_D
ClientSampleId :
VD0626SBS01

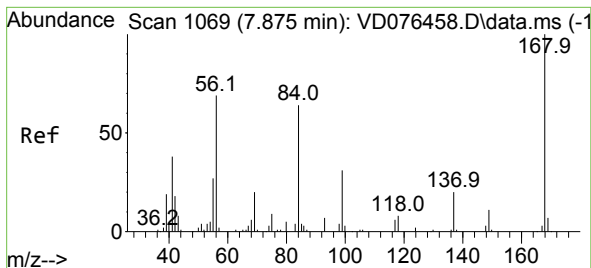
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Quant Title : SW846 8260
QLast Update : Mon Jun 19 04:51:45 2023
Response via : Initial Calibration

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD076577.D

Acq: 26 Jun 2023 13:27

Instrument :

MSVOA_D

ClientSampleId :

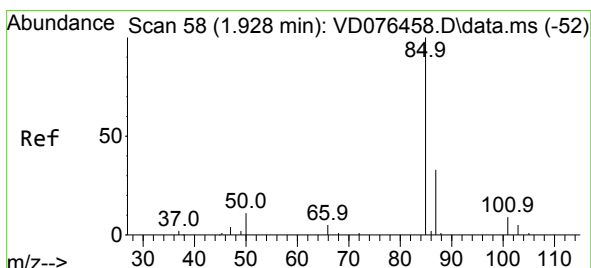
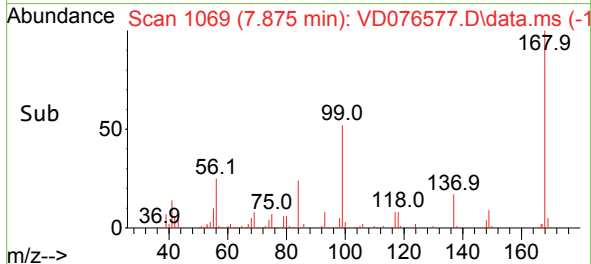
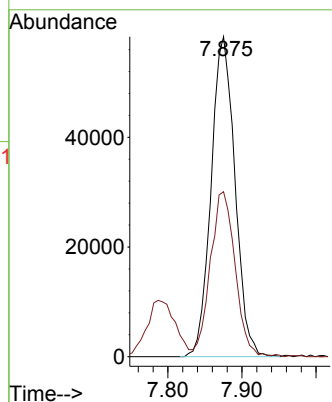
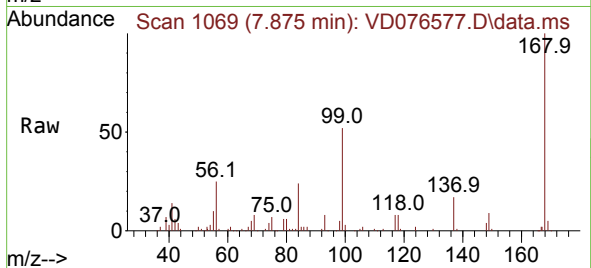
VD0626SBS01

Tgt Ion:168 Resp: 130416

Ion Ratio Lower Upper

168 100

99 51.2 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 20.463 ug/l

RT: 1.928 min Scan# 58

Delta R.T. -0.000 min

Lab File: VD076577.D

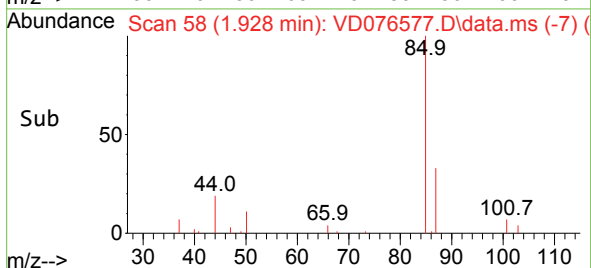
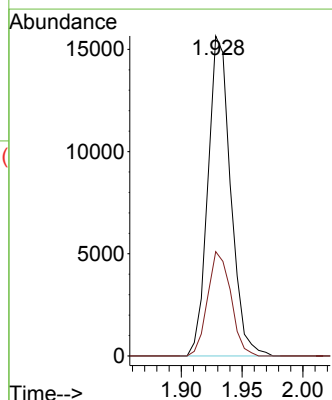
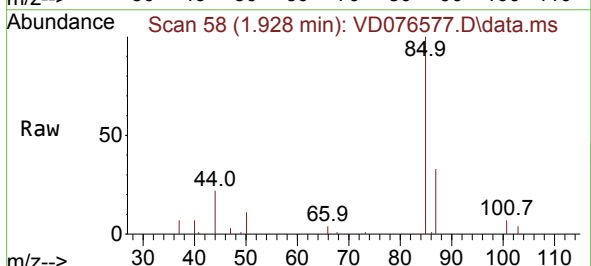
Acq: 26 Jun 2023 13:27

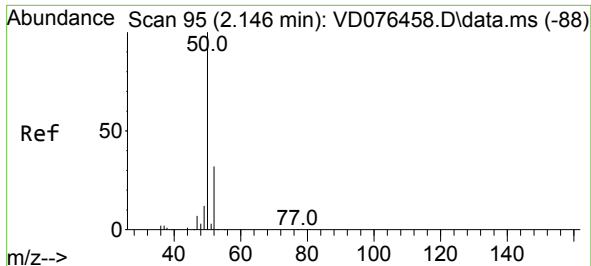
Tgt Ion: 85 Resp: 20278

Ion Ratio Lower Upper

85 100

87 32.6 15.7 47.0

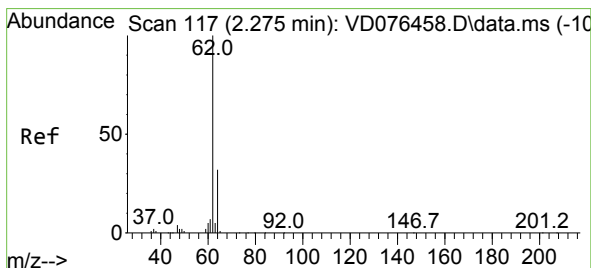
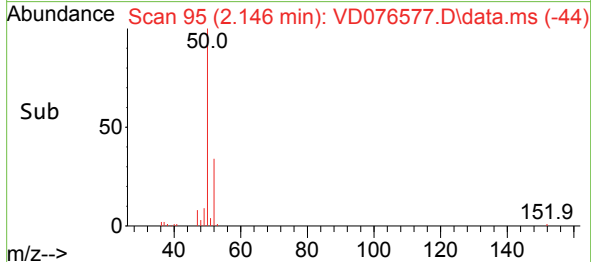
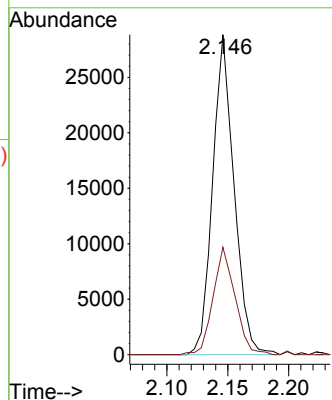
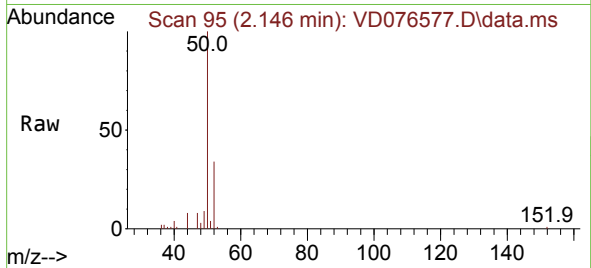




#3
Chloromethane
Concen: 17.099 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076577.D
Acq: 26 Jun 2023 13:27

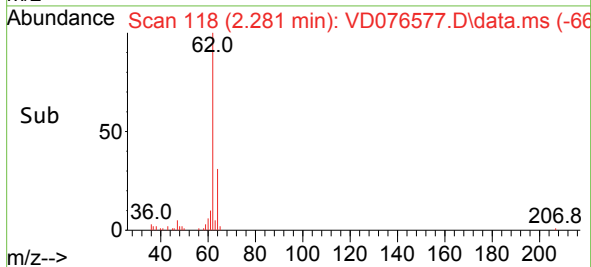
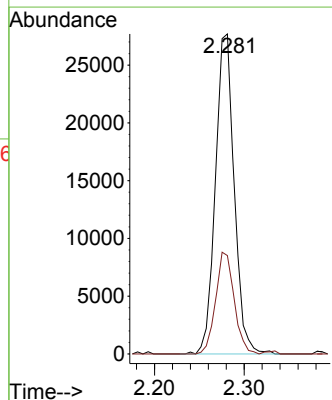
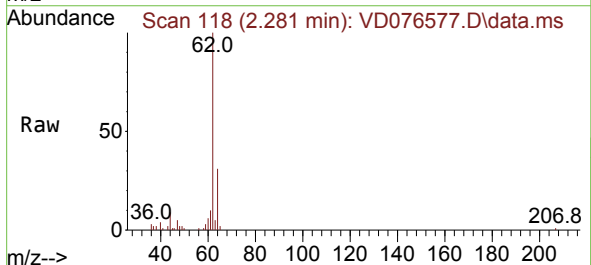
Instrument :
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ClientSampleId :
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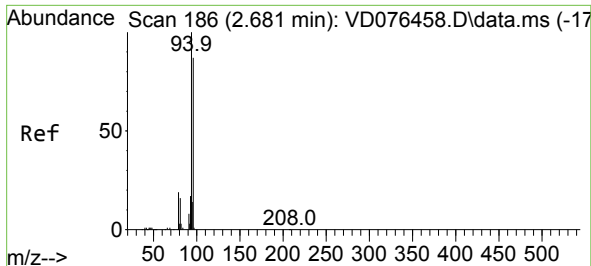
Tgt Ion: 50 Resp: 35242
Ion Ratio Lower Upper
50 100
52 33.6 26.6 40.0



#4
Vinyl Chloride
Concen: 17.523 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.006 min
Lab File: VD076577.D
Acq: 26 Jun 2023 13:27

Tgt Ion: 62 Resp: 40286
Ion Ratio Lower Upper
62 100
64 30.7 26.0 39.0

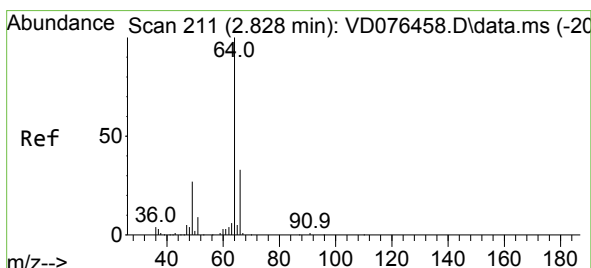
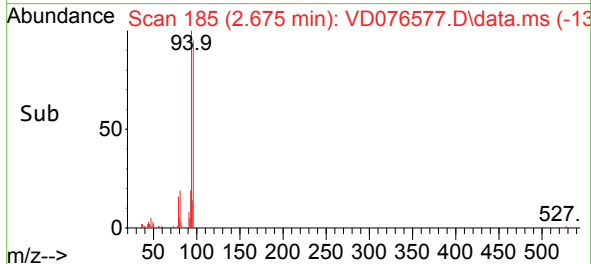
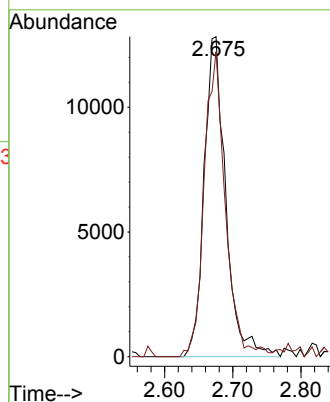
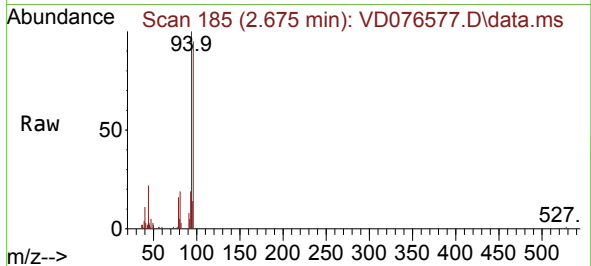




#5
Bromomethane
Concen: 18.915 ug/l
RT: 2.675 min Scan# 185
Delta R.T. -0.006 min
Lab File: VD076577.D
Acq: 26 Jun 2023 13:27

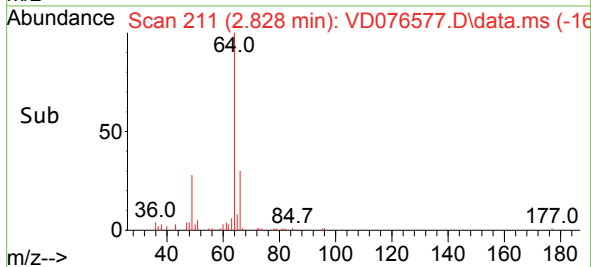
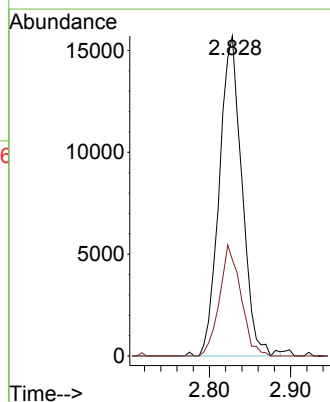
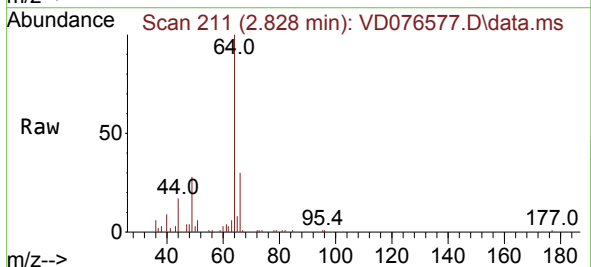
Instrument :
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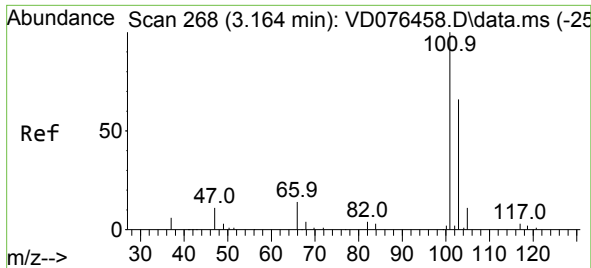
Tgt Ion: 94 Resp: 28275
Ion Ratio Lower Upper
94 100
96 93.5 75.8 113.8



#6
Chloroethane
Concen: 19.343 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.000 min
Lab File: VD076577.D
Acq: 26 Jun 2023 13:27

Tgt Ion: 64 Resp: 30480
Ion Ratio Lower Upper
64 100
66 30.1 25.5 38.3

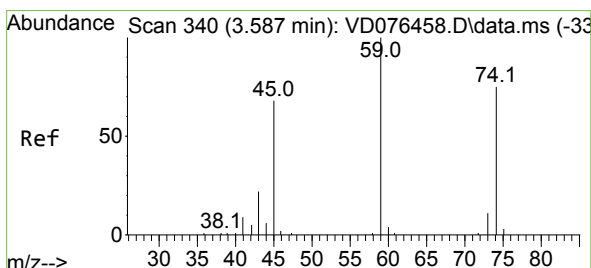
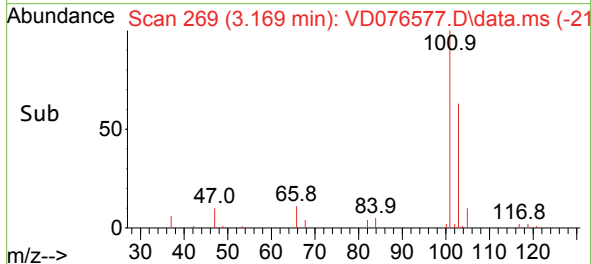
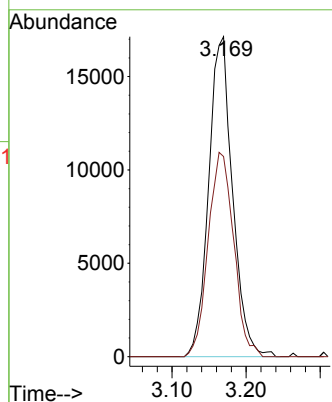
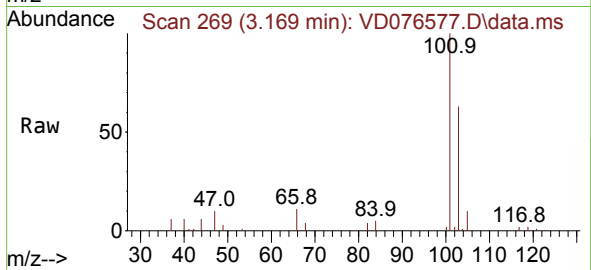




#7
 Trichlorofluoromethane
 Concen: 20.294 ug/l
 RT: 3.169 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VD076577.D
 Acq: 26 Jun 2023 13:27

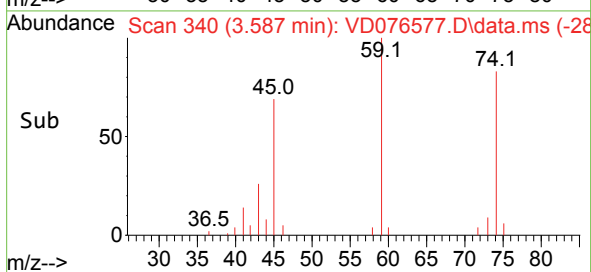
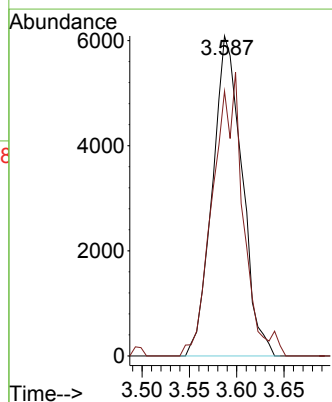
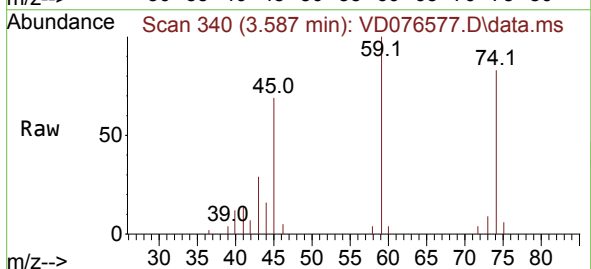
Instrument :
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 ClientSampleId :
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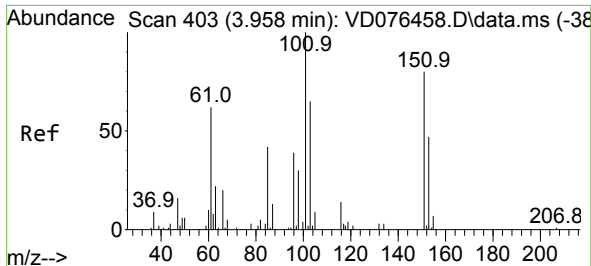
Tgt Ion:101 Resp: 38397
 Ion Ratio Lower Upper
 101 100
 103 62.6 52.3 78.5



#8
 Diethyl Ether
 Concen: 18.600 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. -0.000 min
 Lab File: VD076577.D
 Acq: 26 Jun 2023 13:27

Tgt Ion: 74 Resp: 13244
 Ion Ratio Lower Upper
 74 100
 45 90.7 37.5 112.7

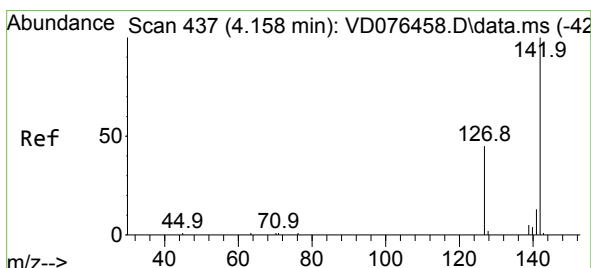
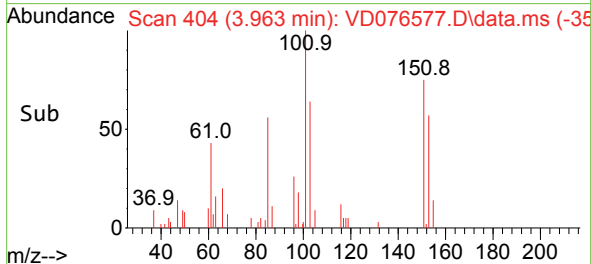
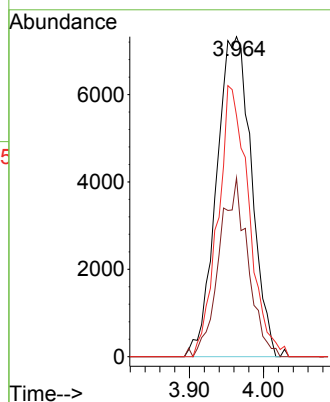
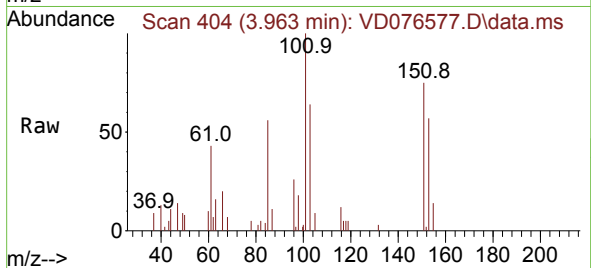




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.640 ug/l
RT: 3.963 min Scan# 403
Delta R.T. 0.006 min
Lab File: VD076577.D
Acq: 26 Jun 2023 13:27

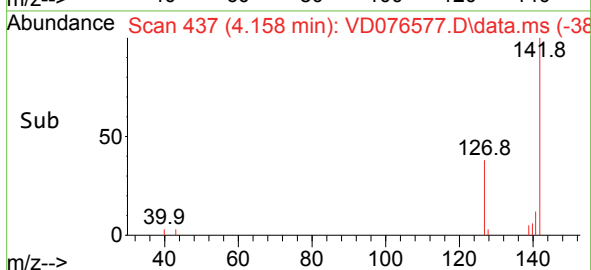
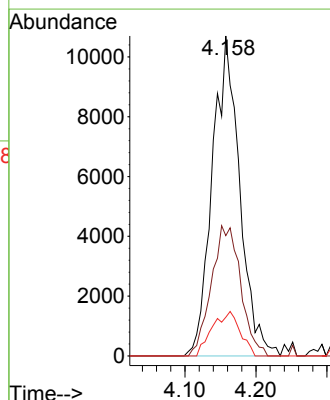
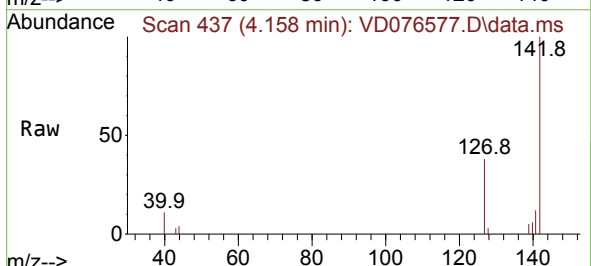
Instrument :
MSVOA_D
ClientSampleId :
VD0626SBS01

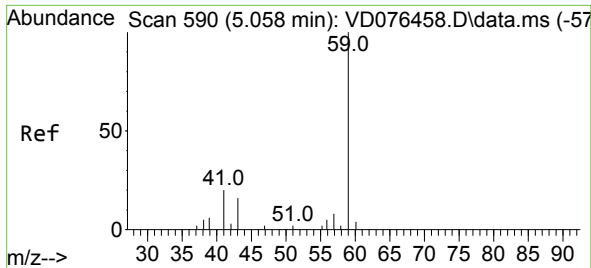
Tgt Ion:101	Resp:	23931
Ion Ratio	Lower	Upper
101	100	
85	46.3	33.8 50.6
151	74.9	59.8 89.6



#10
Methyl Iodide
Concen: 19.783 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD076577.D
Acq: 26 Jun 2023 13:27

Tgt Ion:142	Resp:	28579
Ion Ratio	Lower	Upper
142	100	
127	43.6	29.4 44.0
141	14.1	11.1 16.7

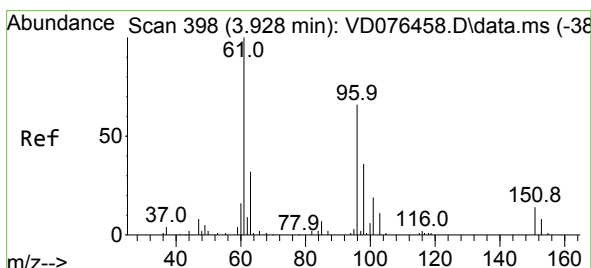
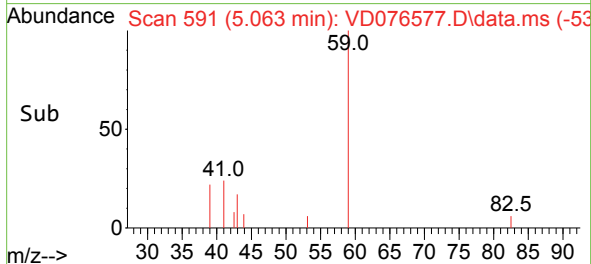
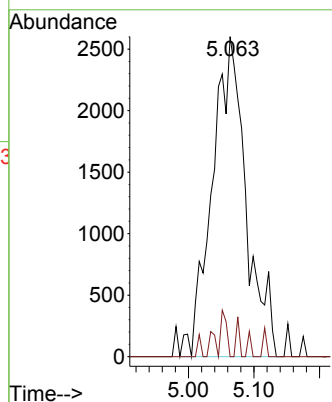
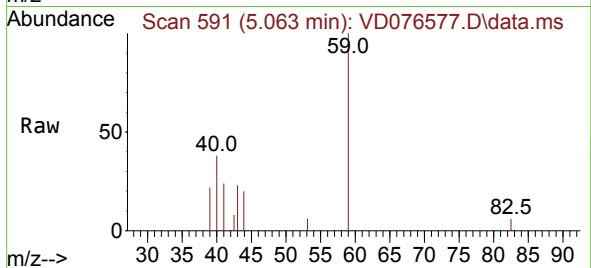




#11
Tert butyl alcohol
Concen: 83.046 ug/l
RT: 5.063 min Scan# 591
Delta R.T. 0.006 min
Lab File: VD076577.D
Acq: 26 Jun 2023 13:27

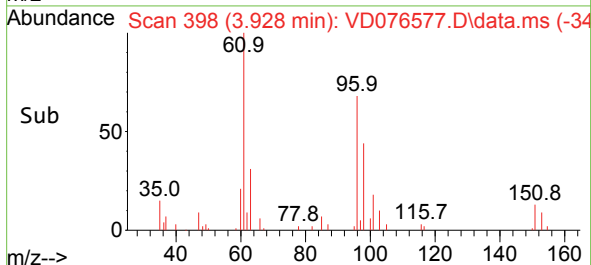
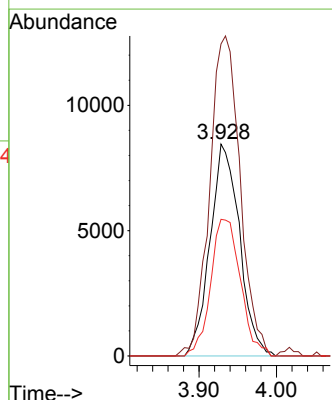
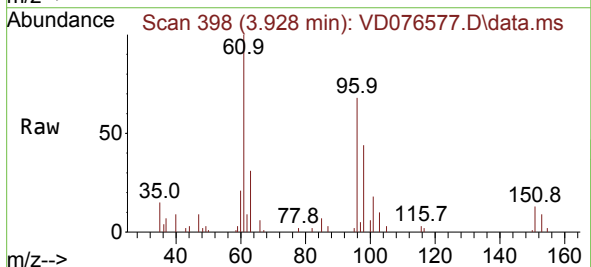
Instrument :
MSVOA_D
ClientSampleId :
VD0626SBS01

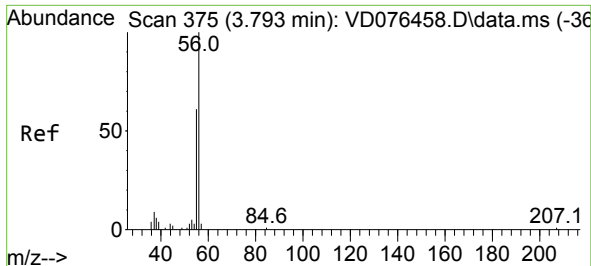
Tgt Ion: 59 Resp: 9369
Ion Ratio Lower Upper
59 100
57 3.9 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 18.722 ug/l
RT: 3.928 min Scan# 398
Delta R.T. -0.000 min
Lab File: VD076577.D
Acq: 26 Jun 2023 13:27

Tgt Ion: 96 Resp: 22342
Ion Ratio Lower Upper
96 100
61 145.4 100.6 150.8
98 64.5 50.2 75.2





#13

Acrolein

Concen: 84.433 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD076577.D

Acq: 26 Jun 2023 13:27

Instrument :

MSVOA_D

ClientSampleId :

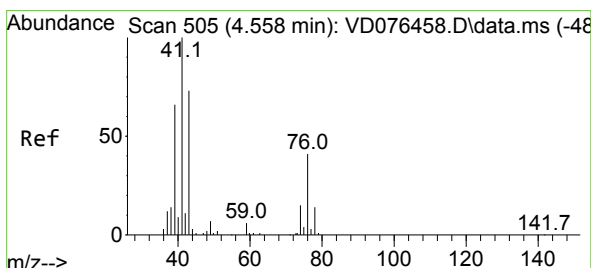
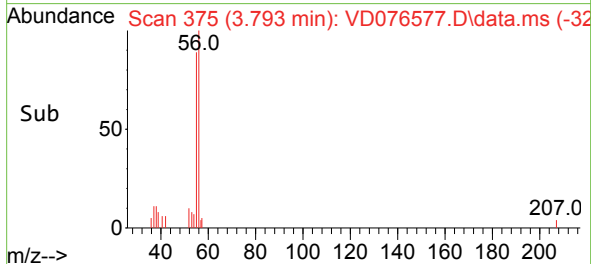
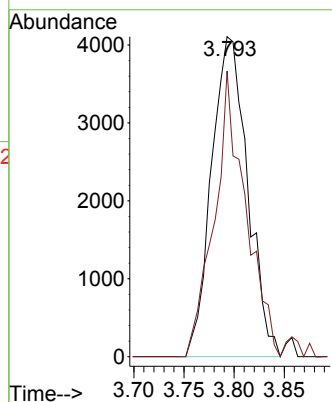
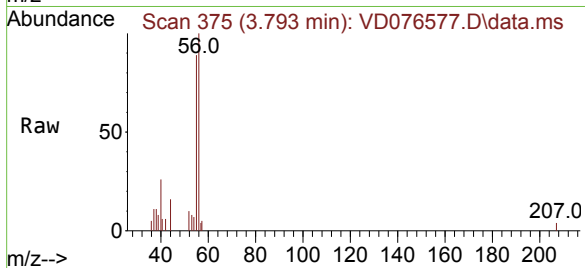
VD0626SBS01

Tgt Ion: 56 Resp: 10260

Ion Ratio Lower Upper

56 100

55 77.7 55.1 82.7



#14

Allyl chloride

Concen: 18.083 ug/l

RT: 4.552 min Scan# 504

Delta R.T. -0.006 min

Lab File: VD076577.D

Acq: 26 Jun 2023 13:27

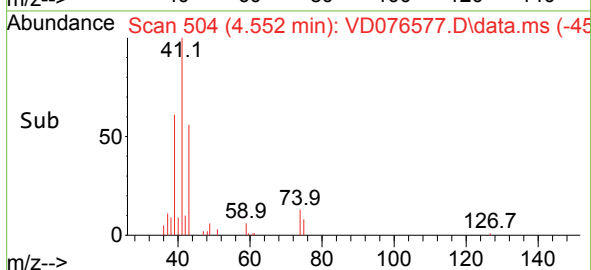
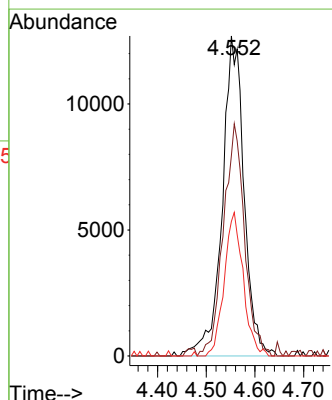
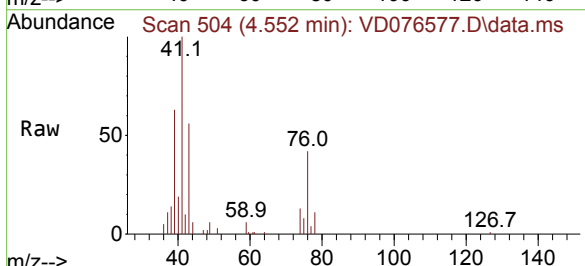
Tgt Ion: 41 Resp: 39465

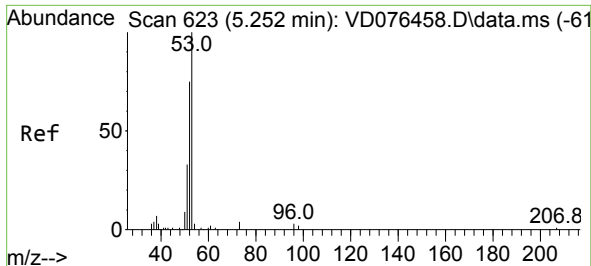
Ion Ratio Lower Upper

41 100

39 70.5 53.8 80.6

76 39.1 45.8 68.8#

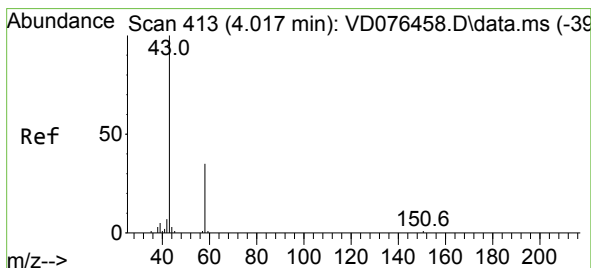
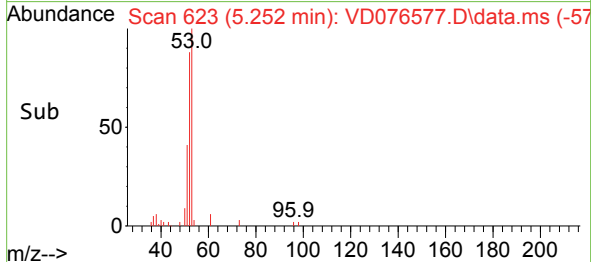
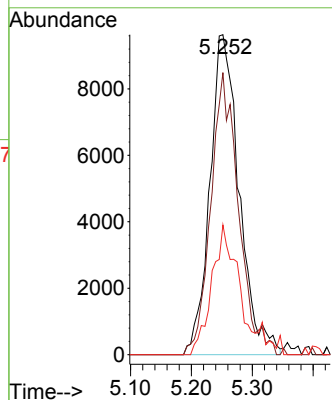
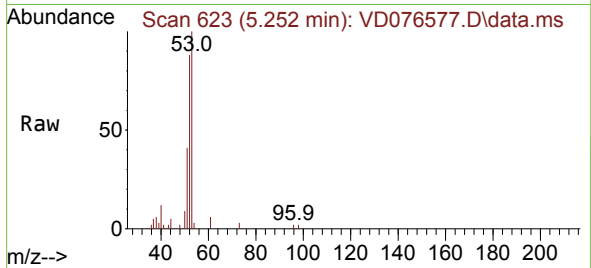




#15
Acrylonitrile
Concen: 88.106 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD076577.D
Acq: 26 Jun 2023 13:27

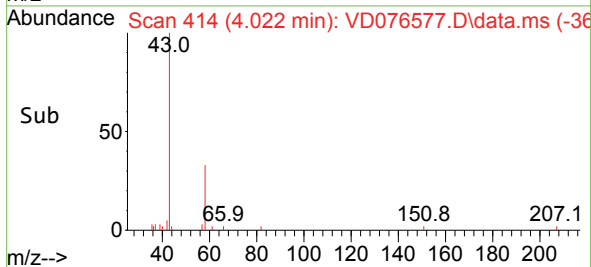
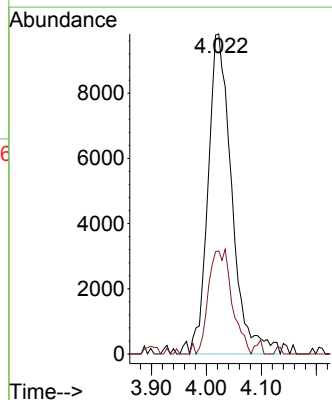
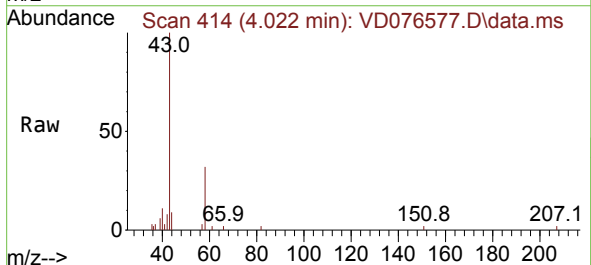
Instrument :
MSVOA_D
ClientSampleId :
VD0626SBS01

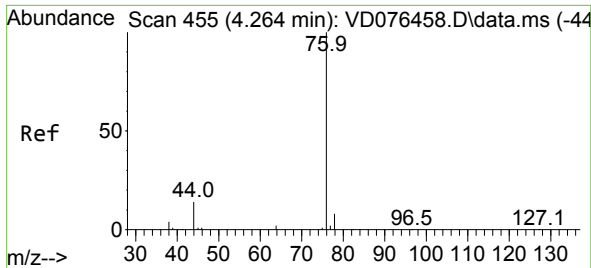
Tgt Ion:	53	Resp:	32260
Ion	Ratio	Lower	Upper
53	100		
52	83.2	65.0	97.4
51	36.1	28.3	42.5



#16
Acetone
Concen: 95.049 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD076577.D
Acq: 26 Jun 2023 13:27

Tgt Ion:	43	Resp:	29554
Ion	Ratio	Lower	Upper
43	100		
58	32.2	34.7	52.1#

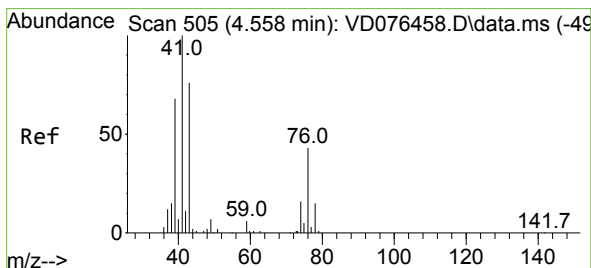
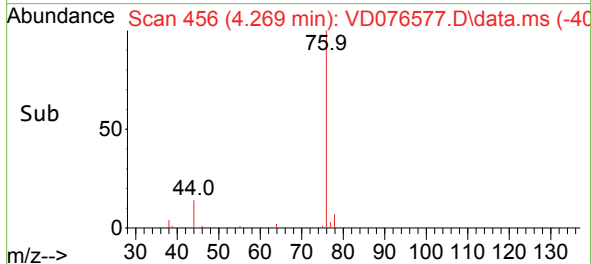
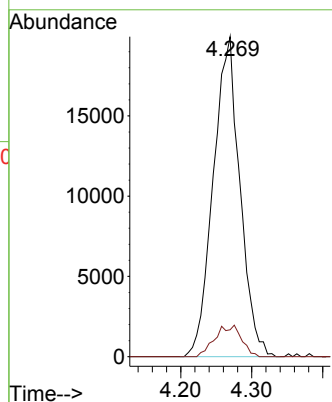
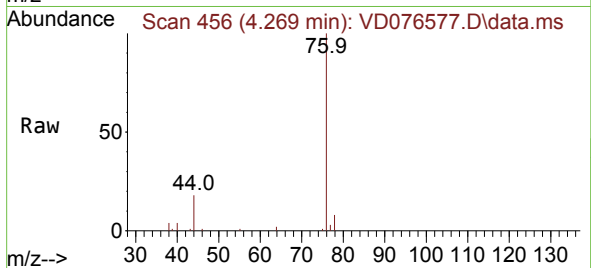




#17
Carbon Disulfide
Concen: 15.944 ug/l
RT: 4.269 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD076577.D
Acq: 26 Jun 2023 13:27

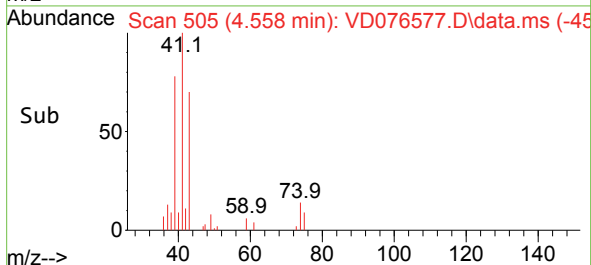
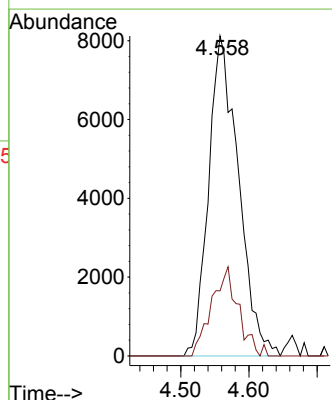
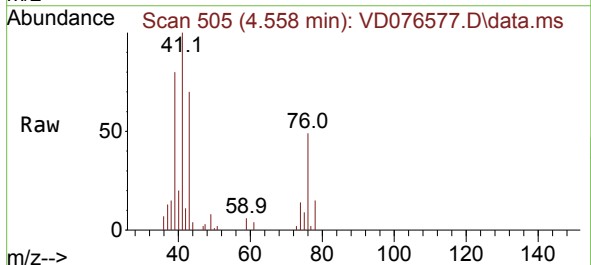
Instrument :
MSVOA_D
ClientSampleId :
VD0626SBS01

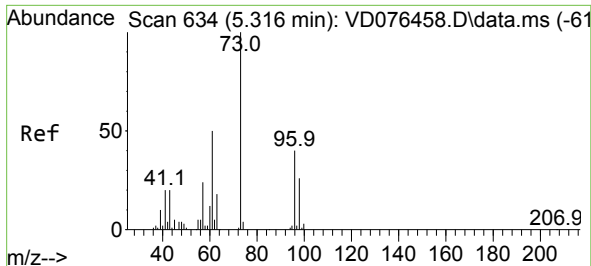
Tgt Ion: 76 Resp: 51986
Ion Ratio Lower Upper
76 100
78 8.4 6.8 10.2



#18
Methyl Acetate
Concen: 17.260 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.000 min
Lab File: VD076577.D
Acq: 26 Jun 2023 13:27

Tgt Ion: 43 Resp: 24732
Ion Ratio Lower Upper
43 100
74 24.6 26.4 39.6#

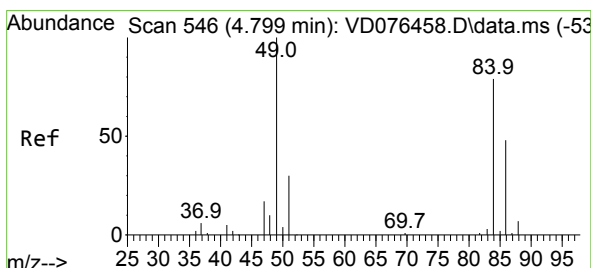
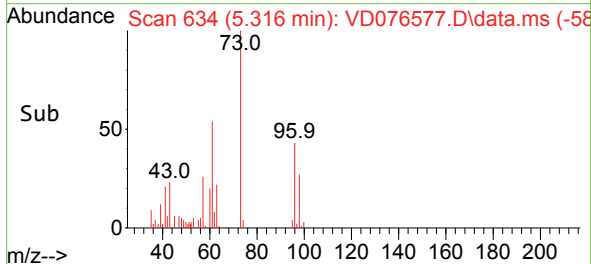
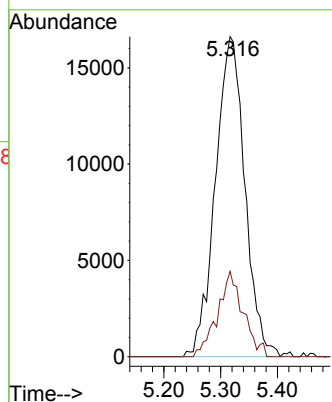
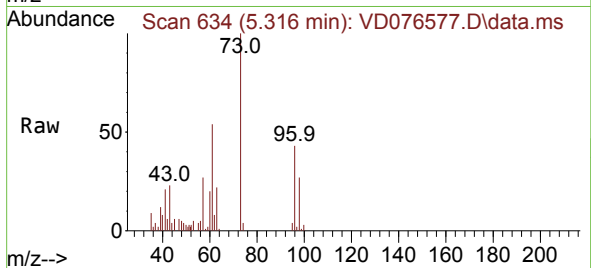




#19
Methyl tert-butyl Ether
Concen: 18.332 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD076577.D
Acq: 26 Jun 2023 13:27

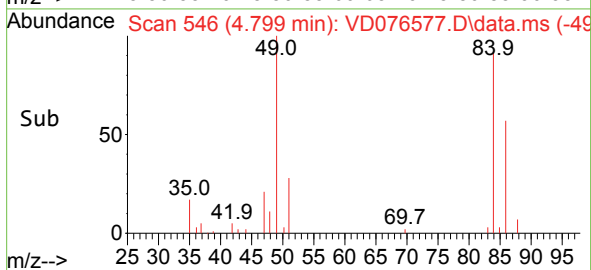
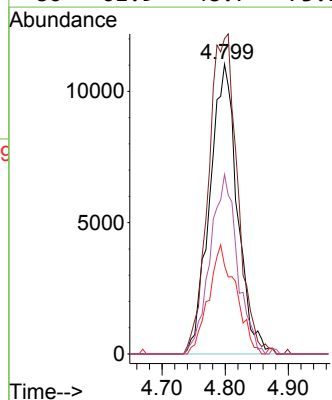
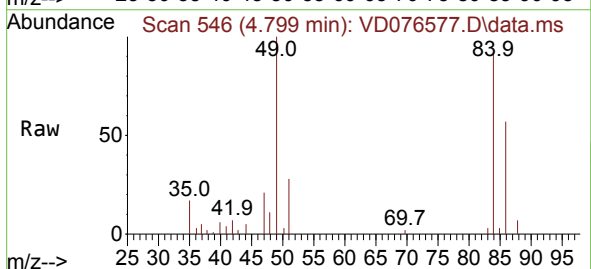
Instrument :
MSVOA_D
ClientSampleId :
VD0626SBS01

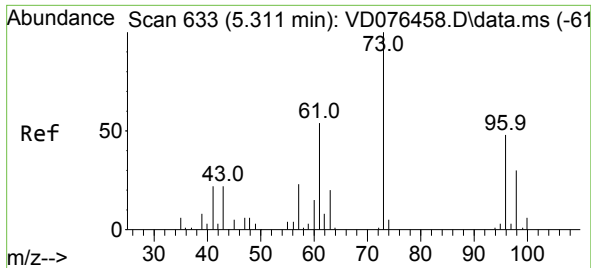
Tgt Ion: 73 Resp: 59841
Ion Ratio Lower Upper
73 100
57 26.7 16.6 25.0#



#20
Methylene Chloride
Concen: 13.597 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD076577.D
Acq: 26 Jun 2023 13:27

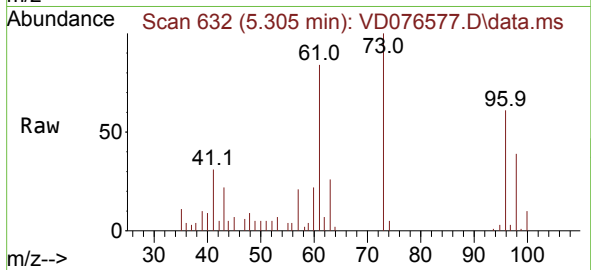
Tgt Ion: 84 Resp: 33554
Ion Ratio Lower Upper
84 100
49 108.8 71.4 107.2#
51 30.5 24.5 36.7
86 61.9 48.7 73.1



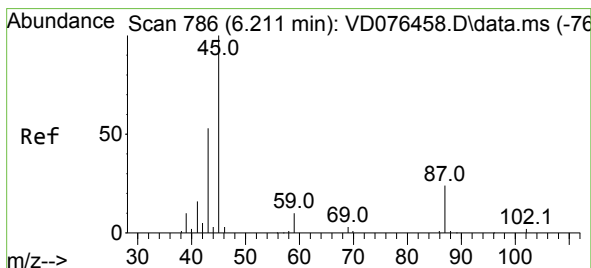
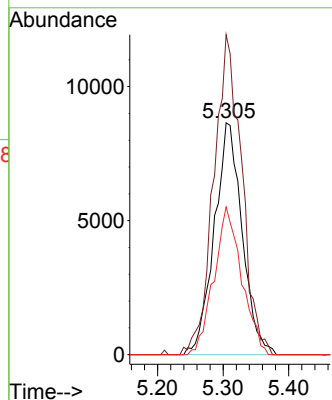
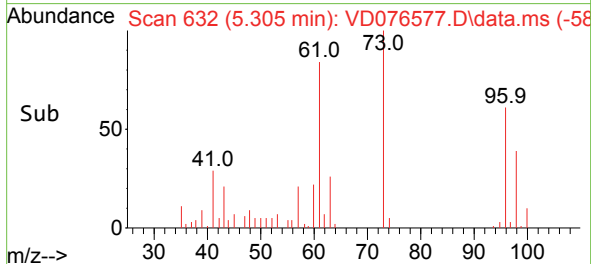


#21
trans-1,2-Dichloroethene
Concen: 18.486 ug/l
RT: 5.305 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD076577.D
Acq: 26 Jun 2023 13:27

Instrument :
MSVOA_D
ClientSampleId :
VD0626SBS01

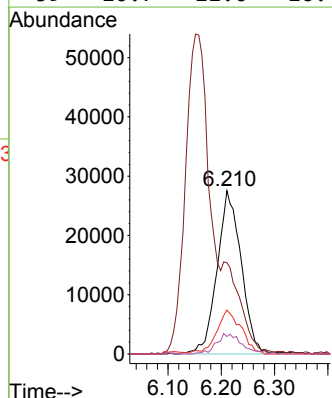
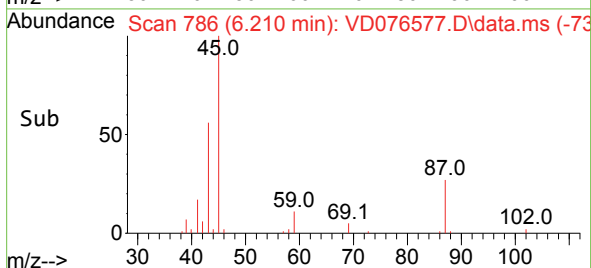
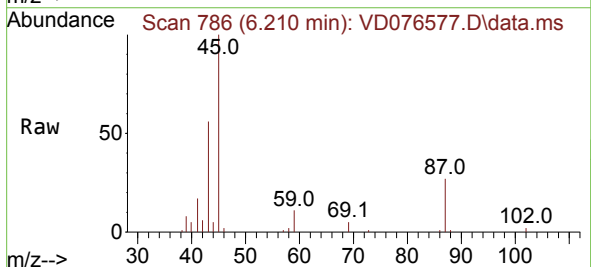


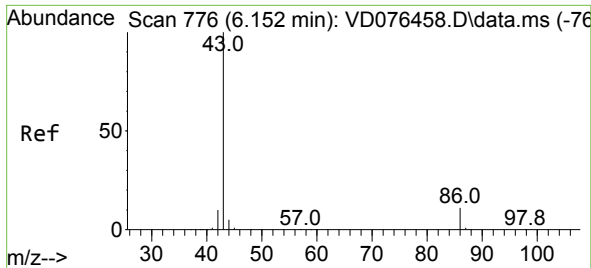
Tgt Ion: 96 Resp: 25498
Ion Ratio Lower Upper
96 100
61 138.0 89.3 133.9#
98 63.7 48.6 73.0



#22
Diisopropyl ether
Concen: 18.362 ug/l
RT: 6.210 min Scan# 786
Delta R.T. -0.000 min
Lab File: VD076577.D
Acq: 26 Jun 2023 13:27

Tgt Ion: 45 Resp: 86650
Ion Ratio Lower Upper
45 100
43 54.4 40.0 60.0
87 26.9 28.2 42.4#
59 10.7 11.0 16.4#

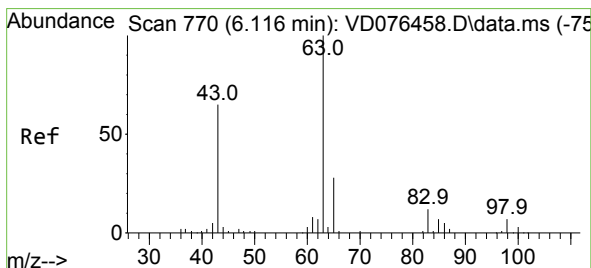
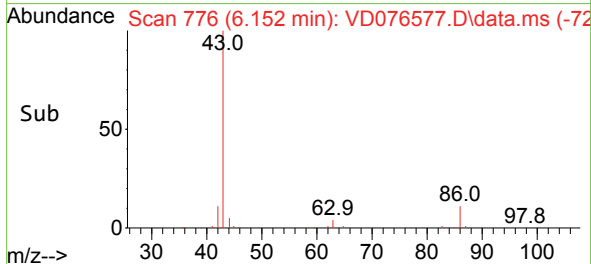
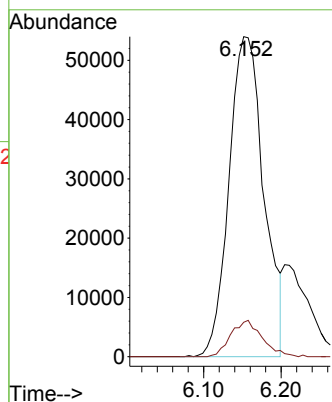
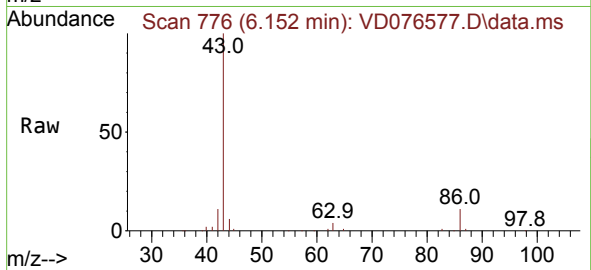




#23
 Vinyl Acetate
 Concen: 72.196 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD076577.D
 Acq: 26 Jun 2023 13:27

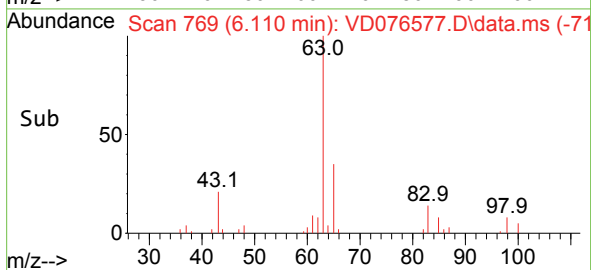
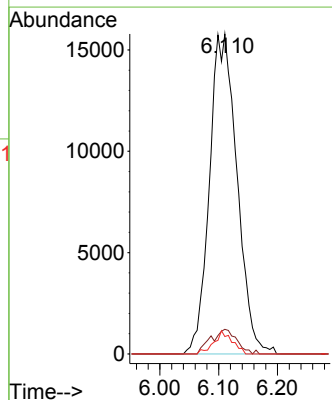
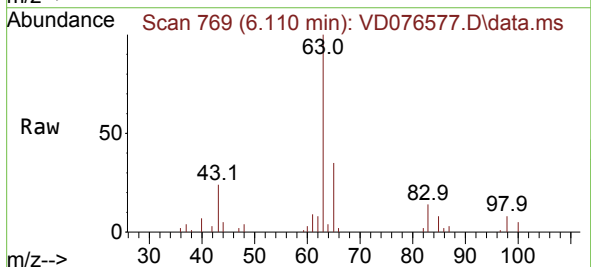
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0626SBS01

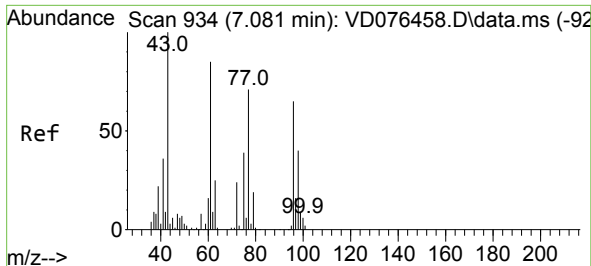
Tgt Ion: 43 Resp: 168874
 Ion Ratio Lower Upper
 43 100
 86 10.7 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 19.538 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD076577.D
 Acq: 26 Jun 2023 13:27

Tgt Ion: 63 Resp: 51485
 Ion Ratio Lower Upper
 63 100
 98 7.7 4.5 13.7
 100 5.4 2.5 7.5

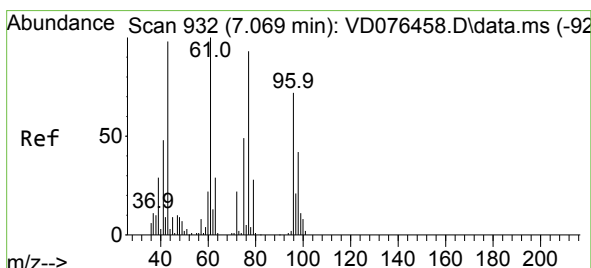
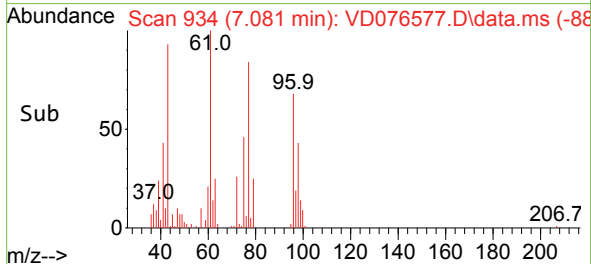
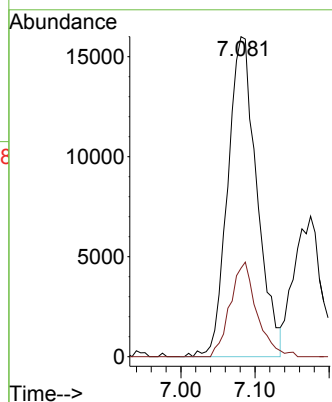
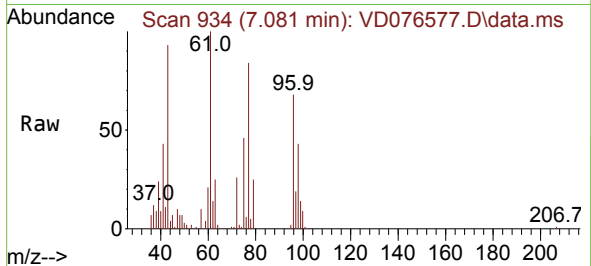




#25
2-Butanone
Concen: 90.772 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076577.D
Acq: 26 Jun 2023 13:27

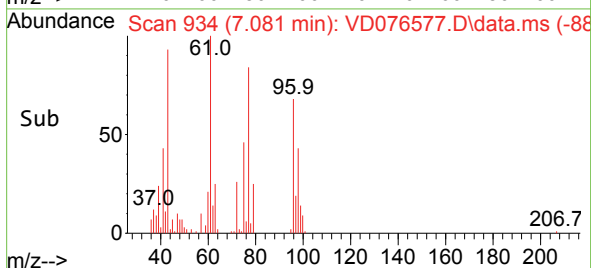
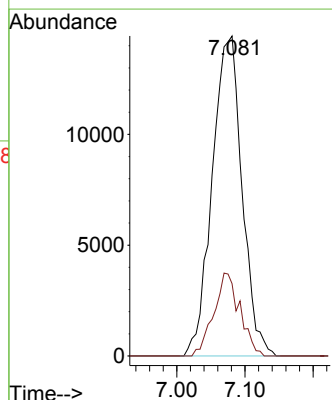
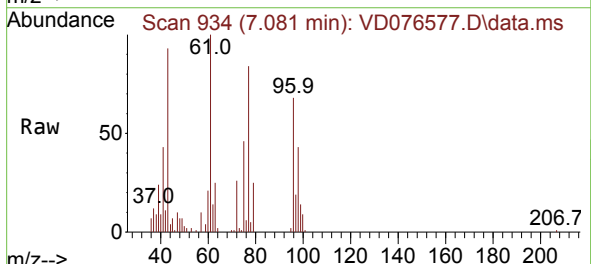
Instrument :
MSVOA_D
ClientSampleId :
VD0626SBS01

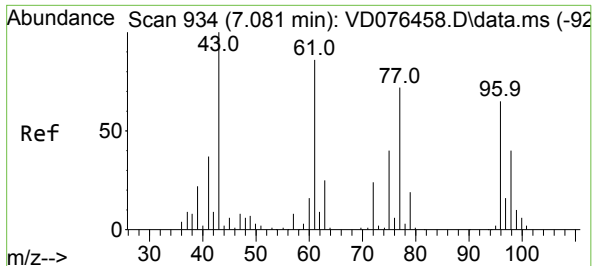
Tgt Ion: 43 Resp: 43654
Ion Ratio Lower Upper
43 100
72 27.7 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 19.371 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.012 min
Lab File: VD076577.D
Acq: 26 Jun 2023 13:27

Tgt Ion: 77 Resp: 44011
Ion Ratio Lower Upper
77 100
97 22.7 13.2 39.6

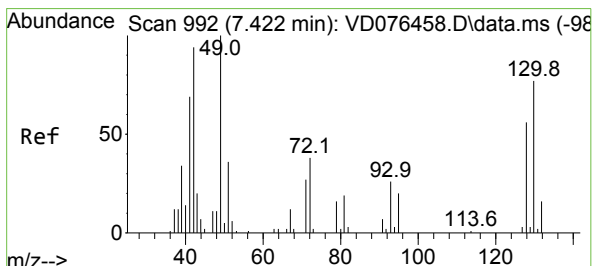
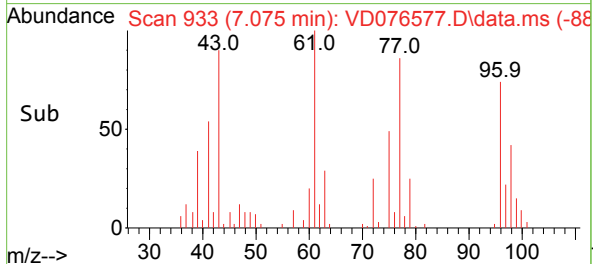
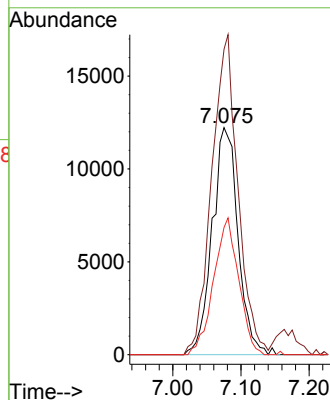
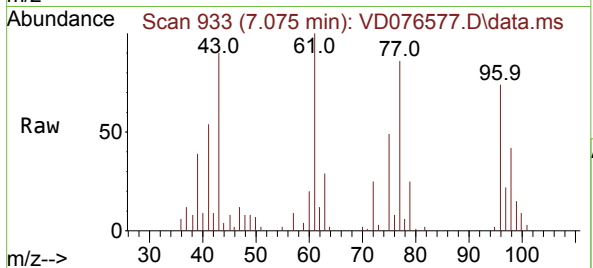




#27
 cis-1,2-Dichloroethene
 Concen: 19.295 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VD076577.D
 Acq: 26 Jun 2023 13:27

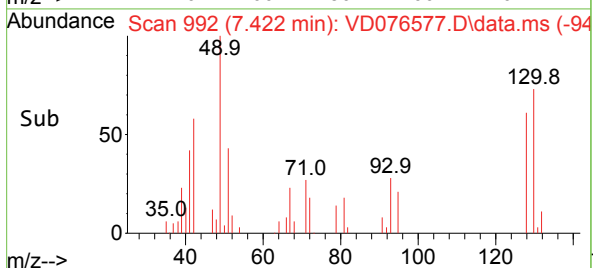
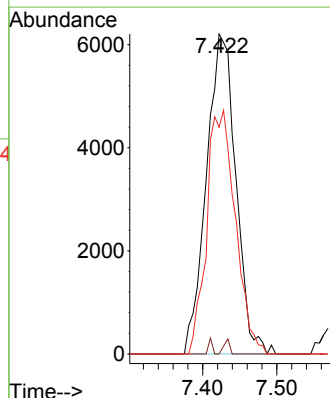
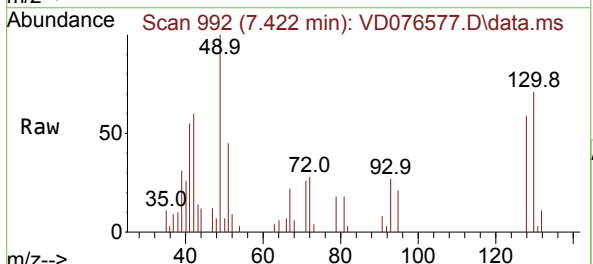
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0626SBS01

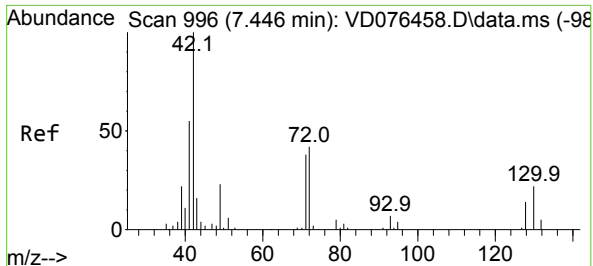
Tgt Ion: 96 Resp: 32209
 Ion Ratio Lower Upper
 96 100
 61 142.8 0.0 239.2
 98 58.6 0.0 128.6



#28
 Bromochloromethane
 Concen: 21.436 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. 0.000 min
 Lab File: VD076577.D
 Acq: 26 Jun 2023 13:27

Tgt Ion: 49 Resp: 17157
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 6.0
 130 74.0 83.2 124.8#





#29

Tetrahydrofuran

Concen: 85.380 ug/l

RT: 7.440 min Scan# 996

Delta R.T. -0.006 min

Lab File: VD076577.D

Acq: 26 Jun 2023 13:27

Instrument :

MSVOA_D

ClientSampleId :

VD0626SBS01

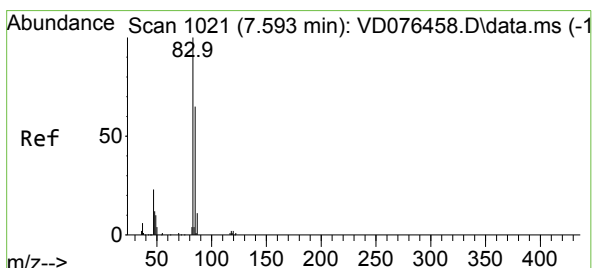
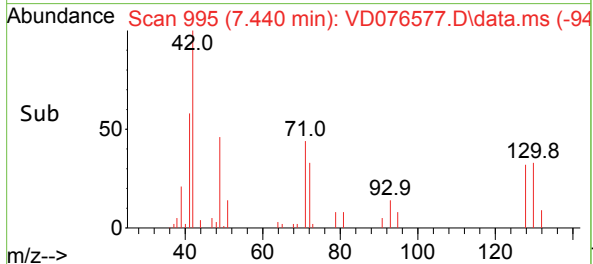
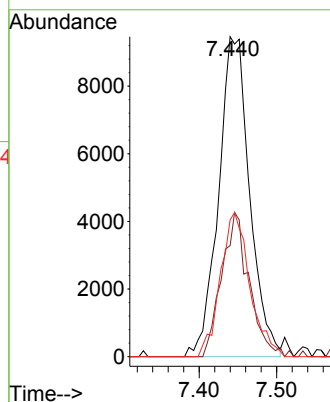
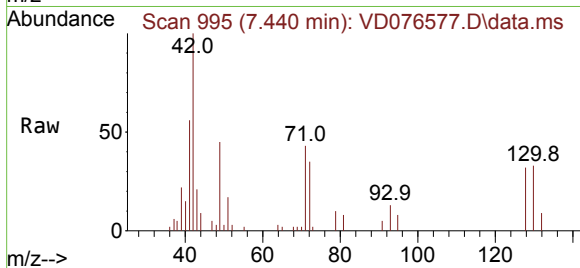
Tgt Ion: 42 Resp: 26388

Ion Ratio Lower Upper

42 100

72 39.9 46.5 69.7#

71 42.6 44.5 66.7#



#30

Chloroform

Concen: 20.156 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VD076577.D

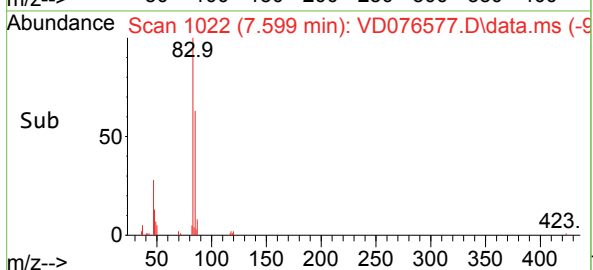
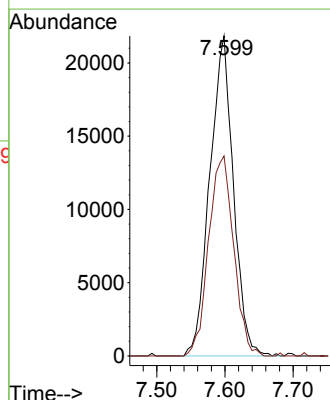
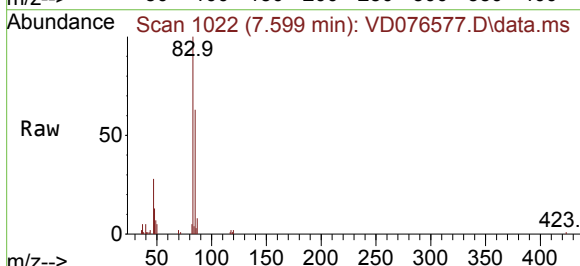
Acq: 26 Jun 2023 13:27

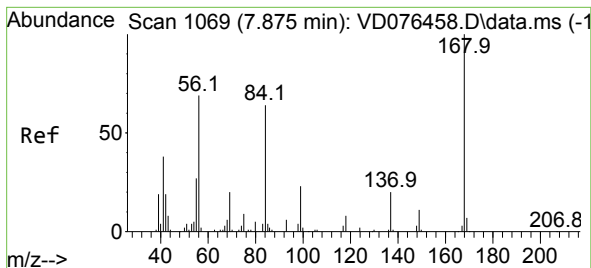
Tgt Ion: 83 Resp: 52592

Ion Ratio Lower Upper

83 100

85 62.5 53.4 80.2





#31

Cyclohexane

Concen: 18.046 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.006 min

Lab File: VD076577.D

Acq: 26 Jun 2023 13:27

Instrument :

MSVOA_D

ClientSampleId :

VD0626SBS01

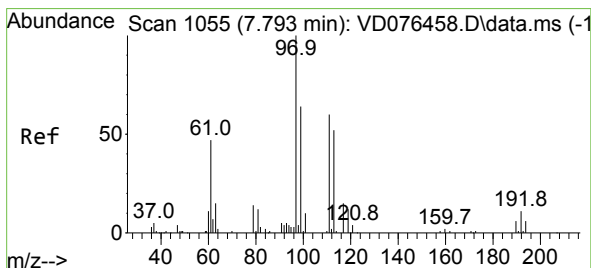
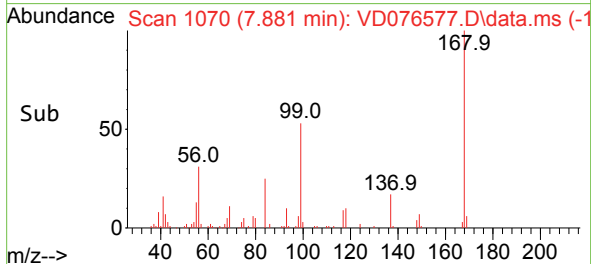
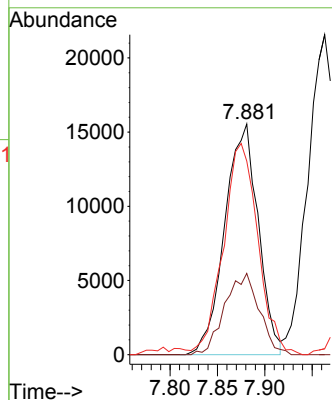
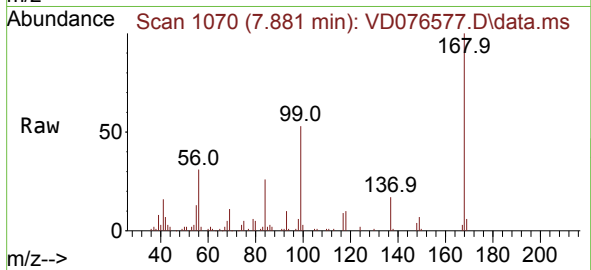
Tgt Ion: 56 Resp: 38317

Ion Ratio Lower Upper

56 100

69 35.3 28.6 43.0

84 81.3 84.8 127.2#



#32

1,1,1-Trichloroethane

Concen: 20.811 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD076577.D

Acq: 26 Jun 2023 13:27

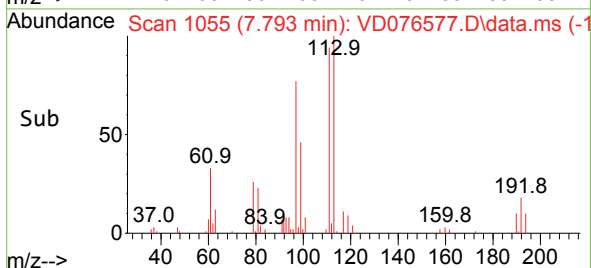
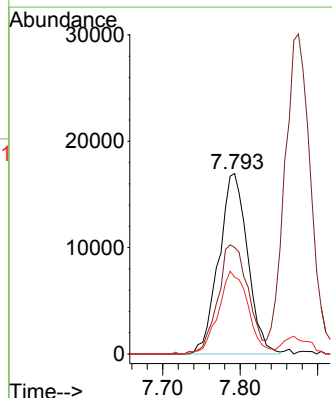
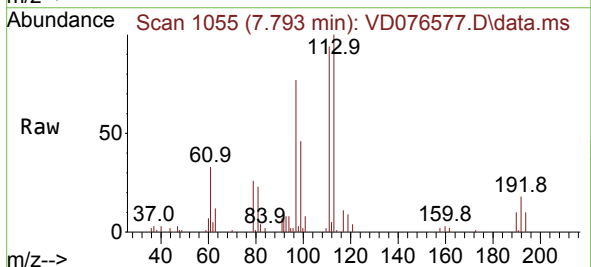
Tgt Ion: 97 Resp: 43894

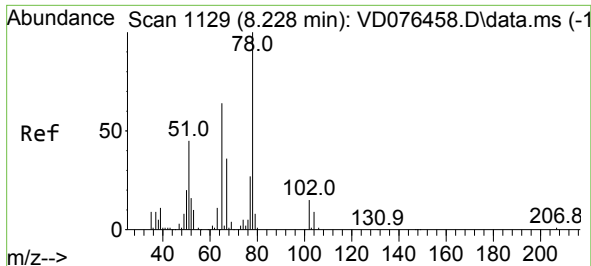
Ion Ratio Lower Upper

97 100

99 62.9 52.0 78.0

61 47.5 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 48.140 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076577.D

Acq: 26 Jun 2023 13:27

Instrument :

MSVOA_D

ClientSampleId :

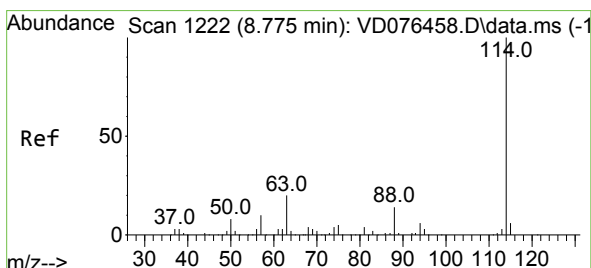
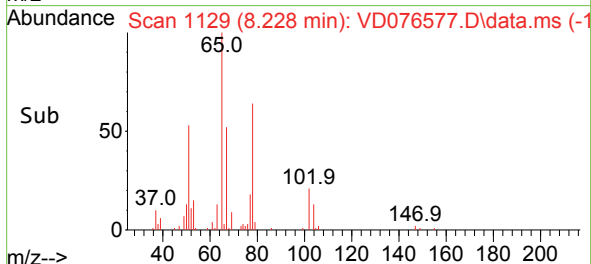
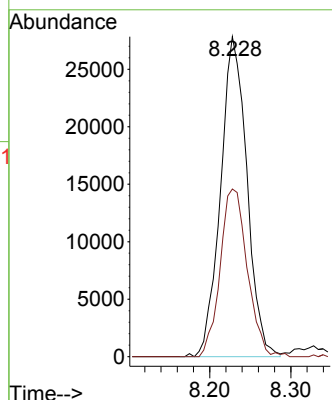
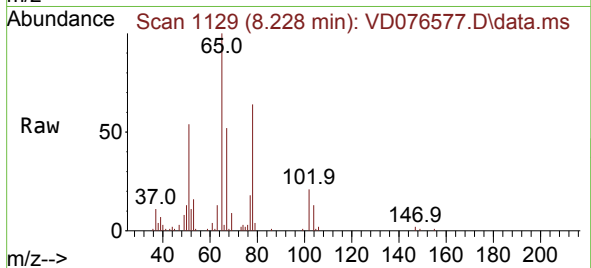
VD0626SBS01

Tgt Ion: 65 Resp: 62902

Ion Ratio Lower Upper

65 100

67 54.0 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD076577.D

Acq: 26 Jun 2023 13:27

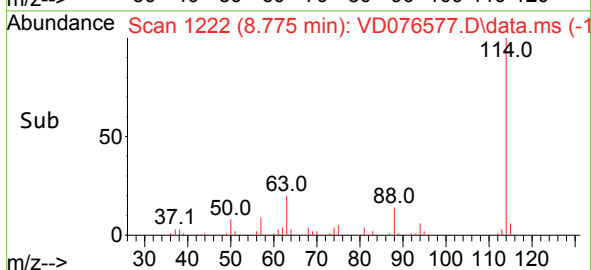
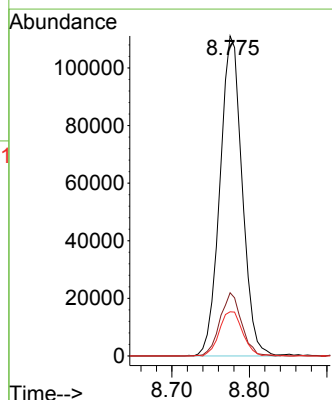
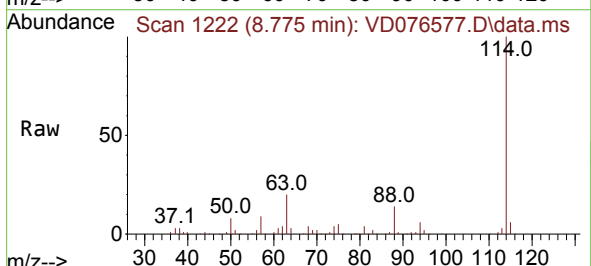
Tgt Ion: 114 Resp: 221735

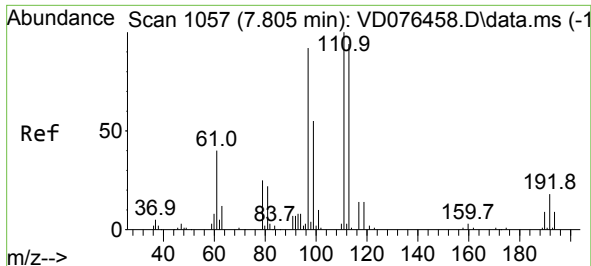
Ion Ratio Lower Upper

114 100

63 19.8 0.0 33.4

88 13.8 0.0 26.2





#35

Dibromofluoromethane

Concen: 51.269 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD076577.D

Acq: 26 Jun 2023 13:27

Instrument :

MSVOA_D

ClientSampleId :

VD0626SBS01

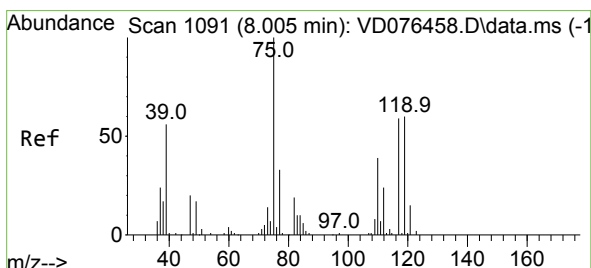
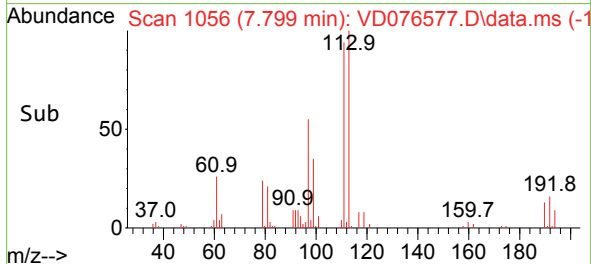
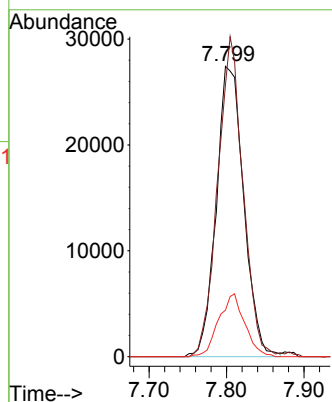
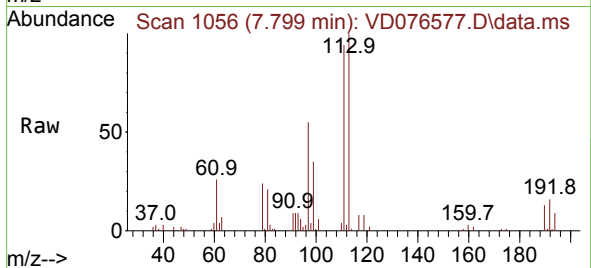
Tgt Ion:113 Resp: 67534

Ion Ratio Lower Upper

113 100

111 102.4 84.7 127.1

192 20.5 16.8 25.2



#36

1,1-Dichloropropene

Concen: 19.720 ug/l

RT: 8.004 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VD076577.D

Acq: 26 Jun 2023 13:27

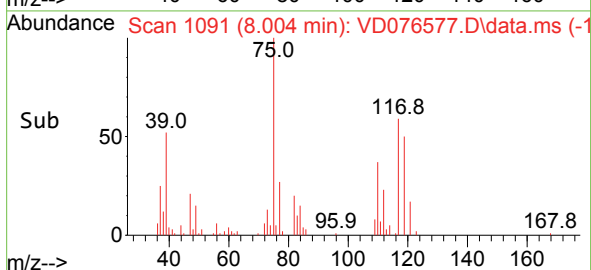
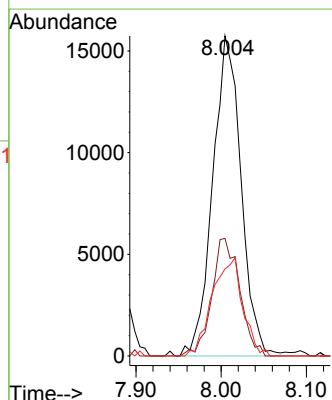
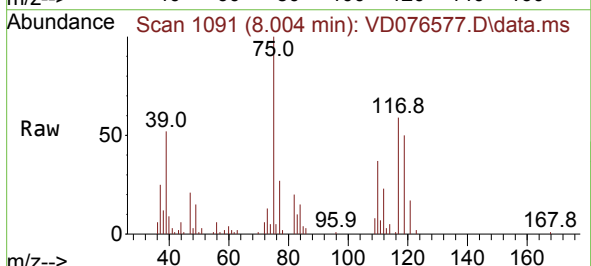
Tgt Ion: 75 Resp: 36376

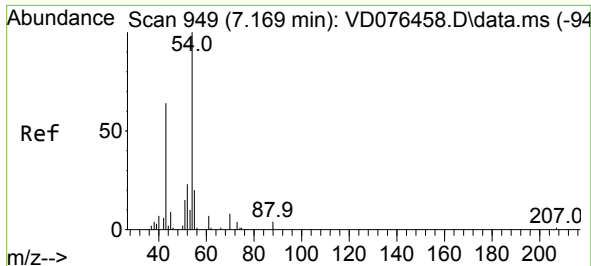
Ion Ratio Lower Upper

75 100

110 36.2 19.9 59.6

77 33.0 24.7 37.1

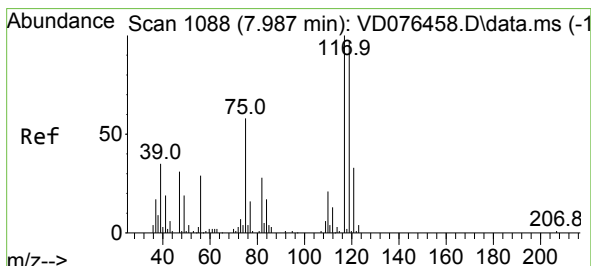
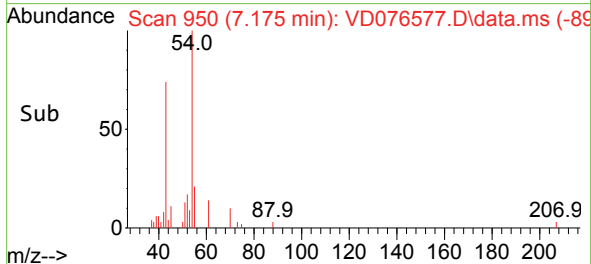
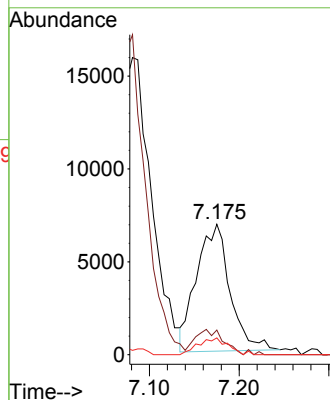
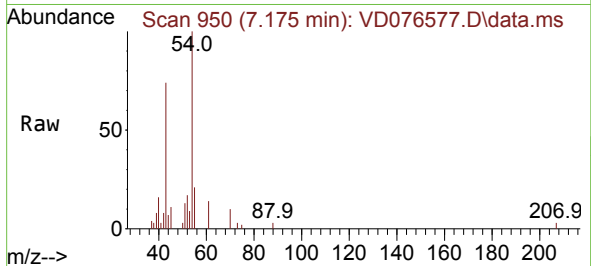




#37
Ethyl Acetate
Concen: 16.525 ug/l
RT: 7.175 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD076577.D
Acq: 26 Jun 2023 13:27

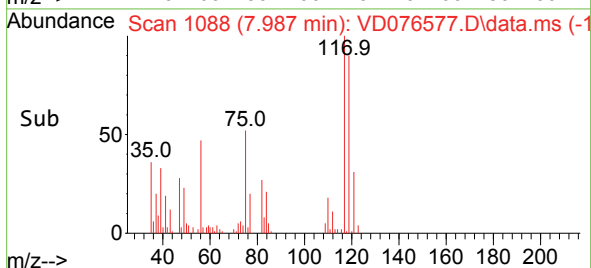
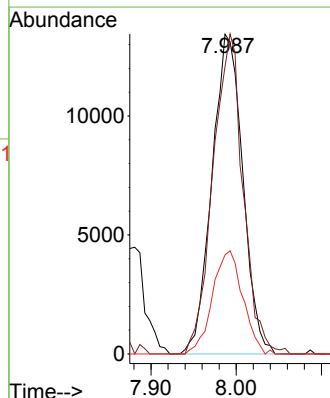
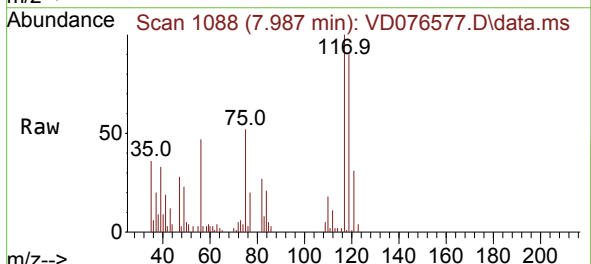
Instrument :
MSVOA_D
ClientSampleId :
VD0626SBS01

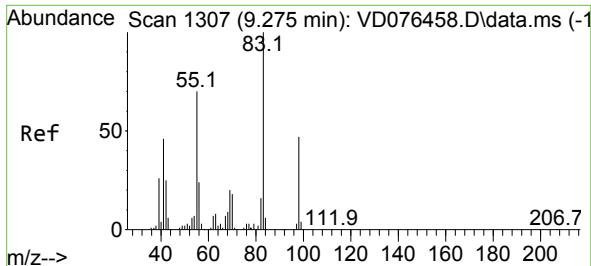
Tgt Ion: 43 Resp: 17664
Ion Ratio Lower Upper
43 100
61 16.7 14.9 22.3
70 11.8 10.0 15.0



#38
Carbon Tetrachloride
Concen: 20.466 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VD076577.D
Acq: 26 Jun 2023 13:27

Tgt Ion: 117 Resp: 33743
Ion Ratio Lower Upper
117 100
119 89.9 78.0 117.0
121 31.0 24.2 36.2

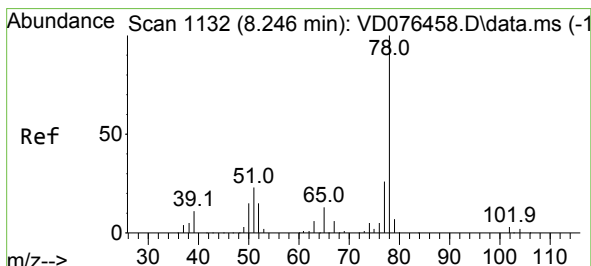
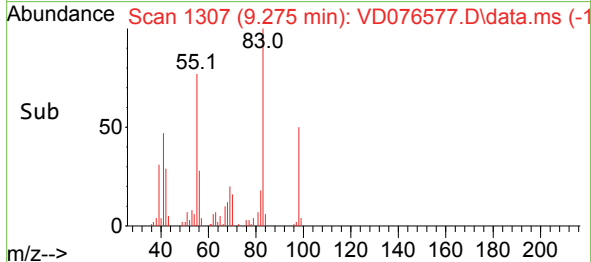
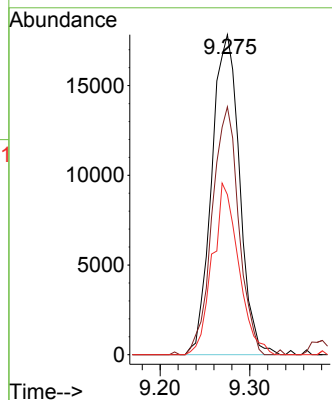
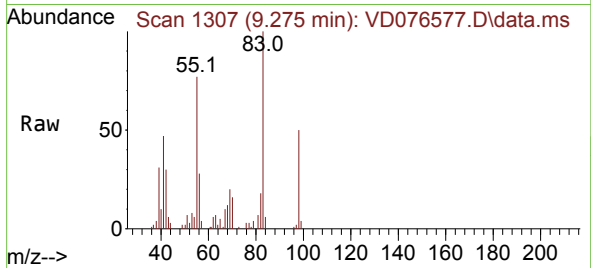




#39
Methylcyclohexane
Concen: 17.759 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. -0.000 min
Lab File: VD076577.D
Acq: 26 Jun 2023 13:27

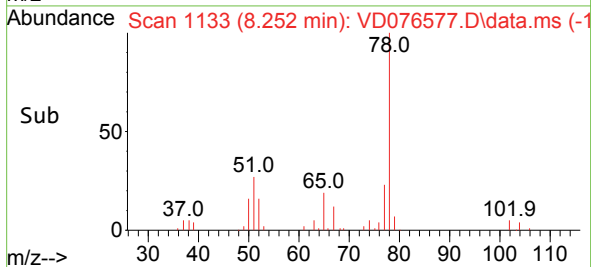
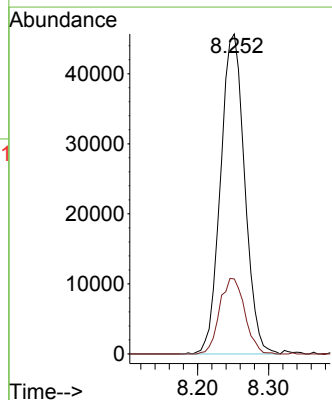
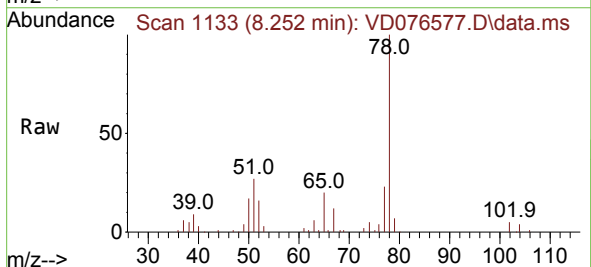
Instrument :
MSVOA_D
ClientSampleId :
VD0626SBS01

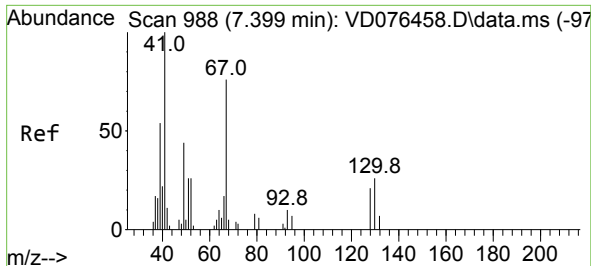
Tgt Ion: 83 Resp: 38444
Ion Ratio Lower Upper
83 100
55 77.4 49.4 74.0#
98 50.0 38.4 57.6



#40
Benzene
Concen: 19.118 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. 0.006 min
Lab File: VD076577.D
Acq: 26 Jun 2023 13:27

Tgt Ion: 78 Resp: 107544
Ion Ratio Lower Upper
78 100
77 23.4 19.4 29.0

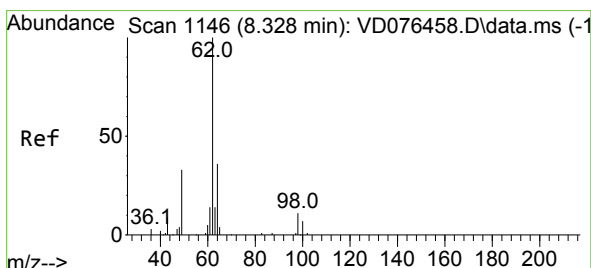
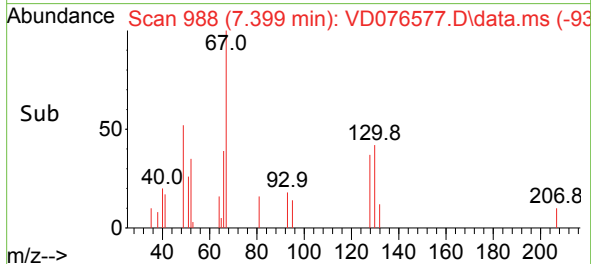
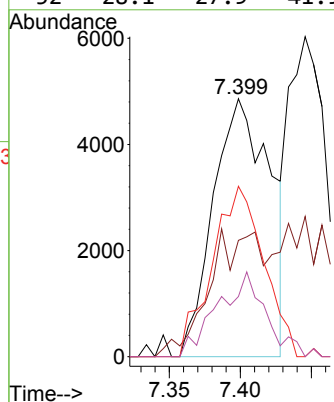
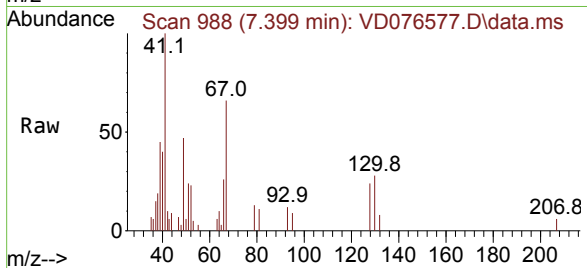




#41
Methacrylonitrile
Concen: 22.358 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076577.D
Acq: 26 Jun 2023 13:27

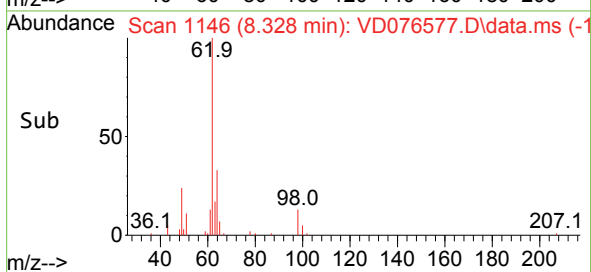
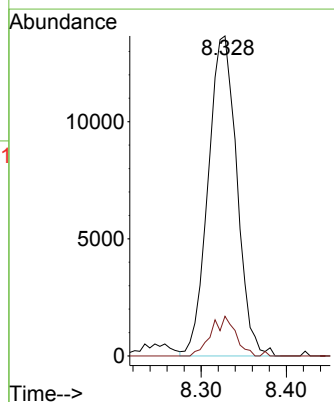
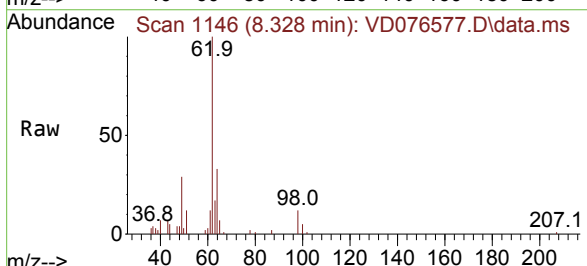
Instrument :
MSVOA_D
ClientSampleId :
VD0626SBS01

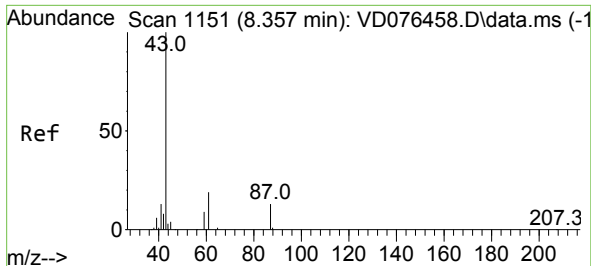
Tgt Ion:	41	Resp:	13495
Ion	Ratio	Lower	Upper
41	100		
39	22.0	34.0	51.0#
67	60.0	77.0	115.4#
52	28.1	27.9	41.9



#42
1,2-Dichloroethane
Concen: 21.051 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD076577.D
Acq: 26 Jun 2023 13:27

Tgt Ion:	62	Resp:	31997
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	25.4

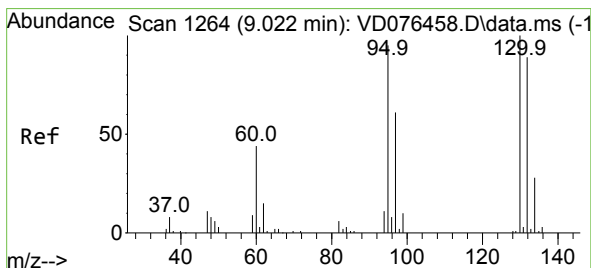
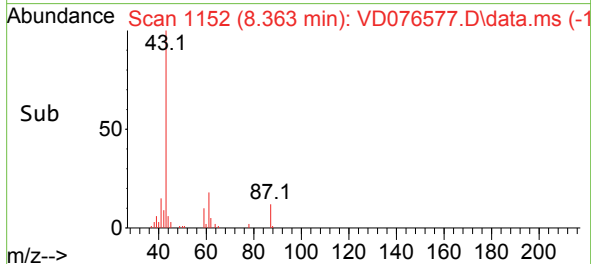
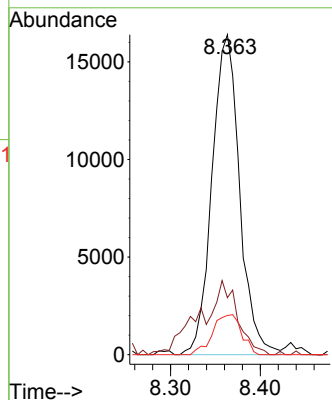
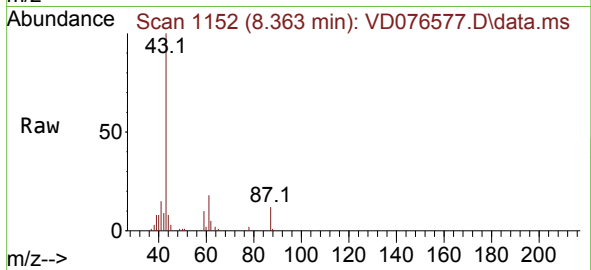




#43
Isopropyl Acetate
Concen: 17.283 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.006 min
Lab File: VD076577.D
Acq: 26 Jun 2023 13:27

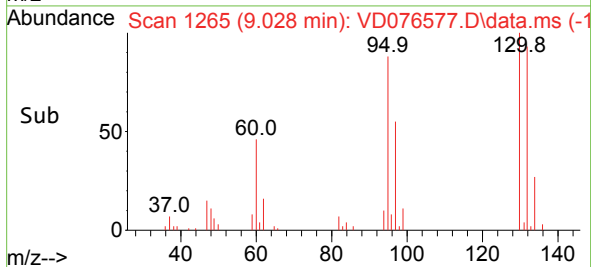
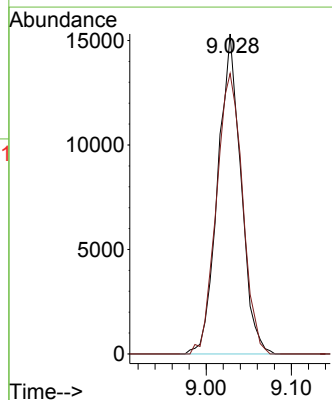
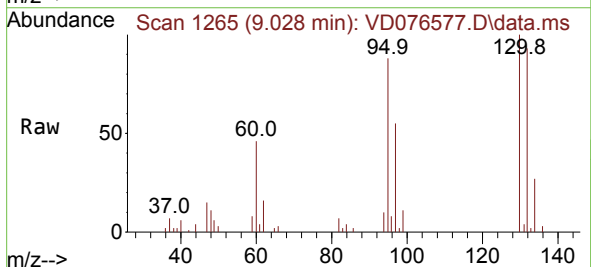
Instrument :
MSVOA_D
ClientSampleId :
VD0626SBS01

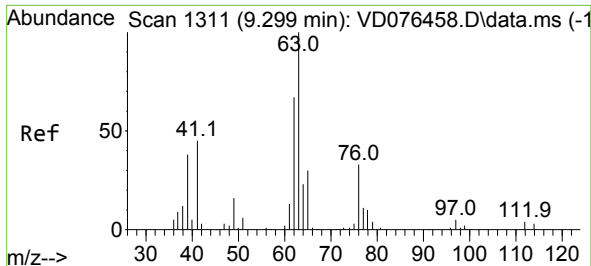
Tgt Ion: 43 Resp: 34975
Ion Ratio Lower Upper
43 100
61 19.6 31.4 47.0#
87 13.2 14.9 22.3#



#44
Trichloroethene
Concen: 19.019 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VD076577.D
Acq: 26 Jun 2023 13:27

Tgt Ion:130 Resp: 28861
Ion Ratio Lower Upper
130 100
95 87.6 0.0 179.2





#45

1,2-Dichloropropane

Concen: 19.133 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD076577.D

Acq: 26 Jun 2023 13:27

Instrument :

MSVOA_D

ClientSampleId :

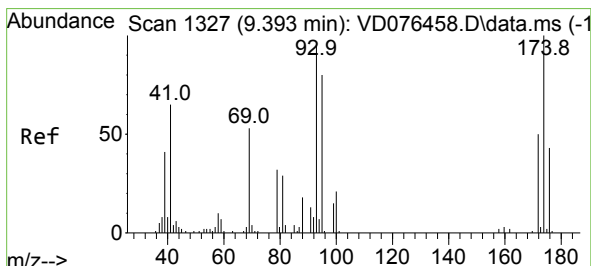
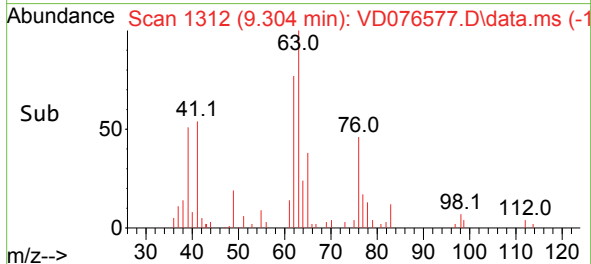
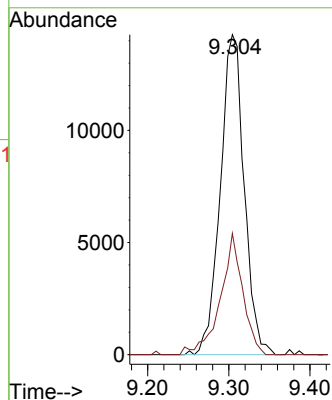
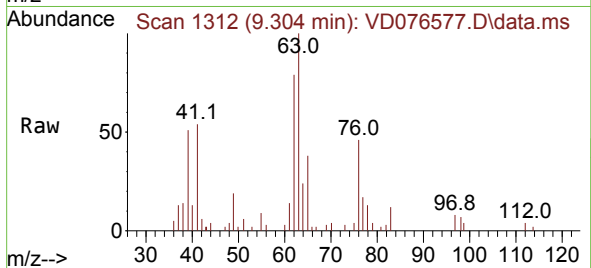
VD0626SBS01

Tgt Ion: 63 Resp: 29182

Ion Ratio Lower Upper

63 100

65 37.9 24.5 36.7#



#46

Dibromomethane

Concen: 21.391 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD076577.D

Acq: 26 Jun 2023 13:27

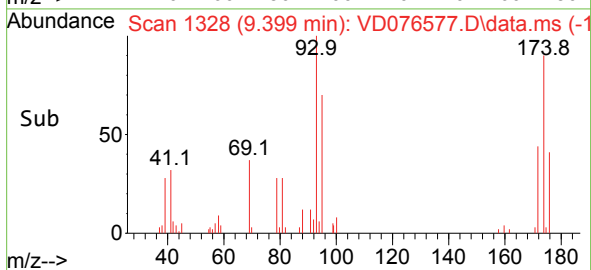
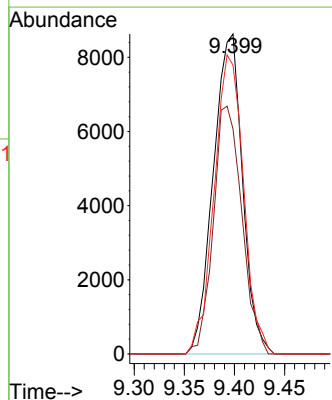
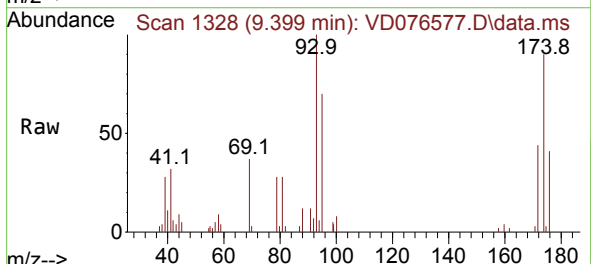
Tgt Ion: 93 Resp: 17478

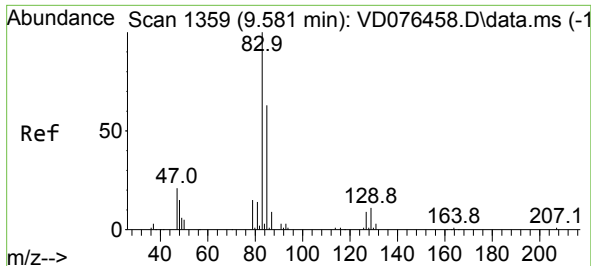
Ion Ratio Lower Upper

93 100

95 75.9 67.7 101.5

174 94.2 85.4 128.2

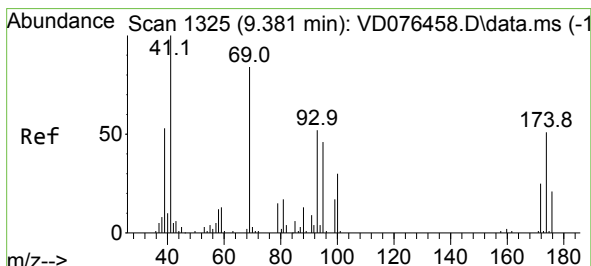
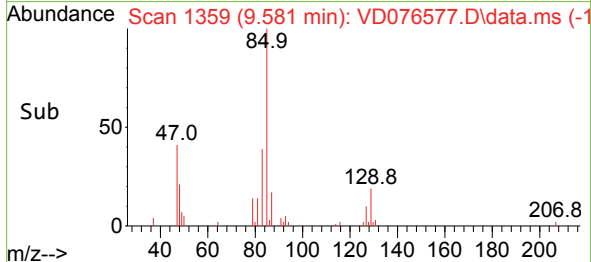
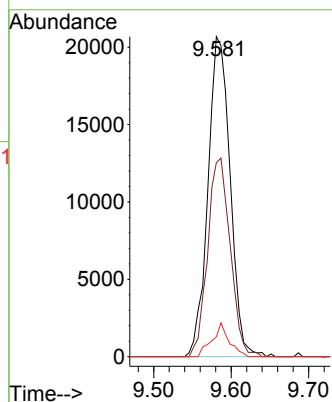
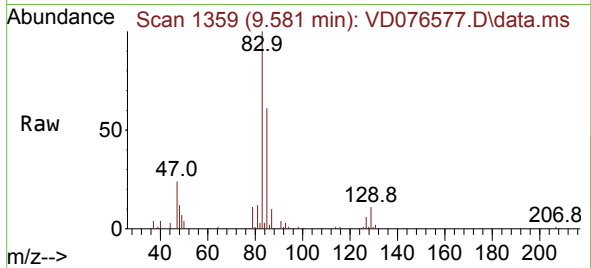




#47
Bromodichloromethane
Concen: 21.068 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VD076577.D
Acq: 26 Jun 2023 13:27

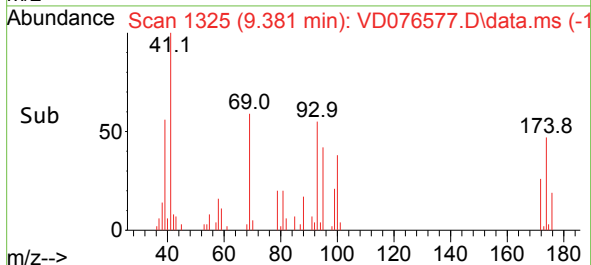
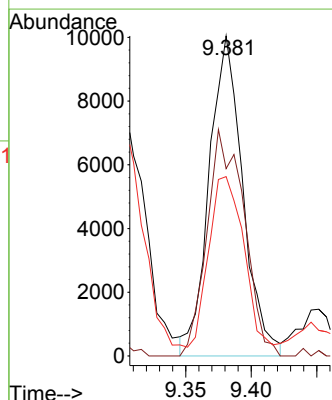
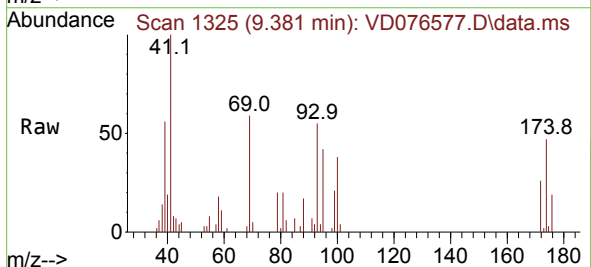
Instrument :
MSVOA_D
ClientSampleId :
VD0626SBS01

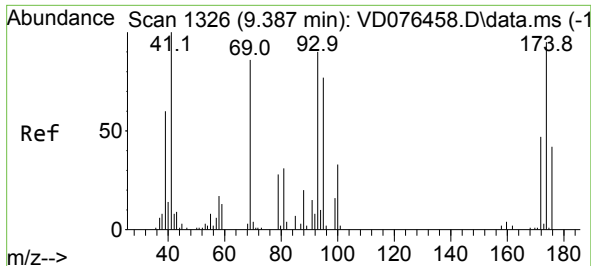
Tgt Ion: 83 Resp: 41194
Ion Ratio Lower Upper
83 100
85 60.6 50.2 75.4
127 6.2 6.3 9.5#



#48
Methyl methacrylate
Concen: 19.285 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD076577.D
Acq: 26 Jun 2023 13:27

Tgt Ion: 41 Resp: 17887
Ion Ratio Lower Upper
41 100
69 78.1 102.2 153.2#
39 60.6 41.4 62.2





#49

1,4-Dioxane

Concen: 383.677 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. -0.000 min

Lab File: VD076577.D

Acq: 26 Jun 2023 13:27

Instrument :

MSVOA_D

ClientSampleId :

VD0626SBS01

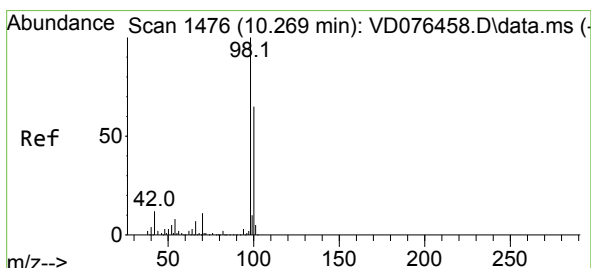
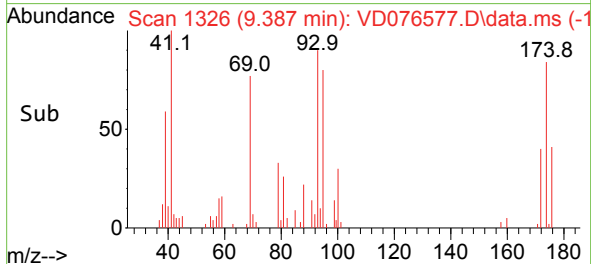
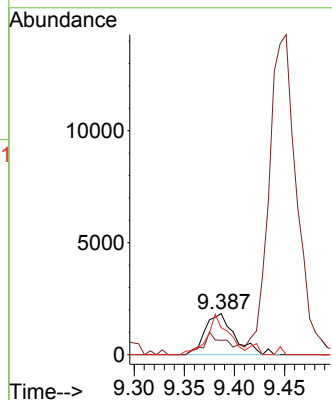
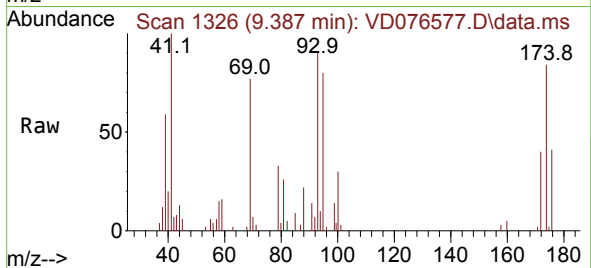
Tgt Ion: 88 Resp: 3756

Ion Ratio Lower Upper

88 100

43 39.0 19.0 28.6#

58 70.4 43.5 65.3#



#50

Toluene-d8

Concen: 47.905 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD076577.D

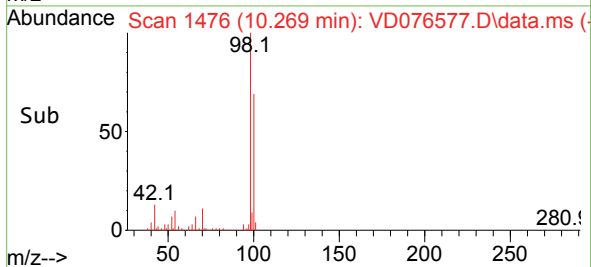
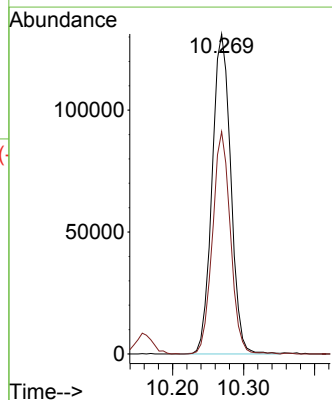
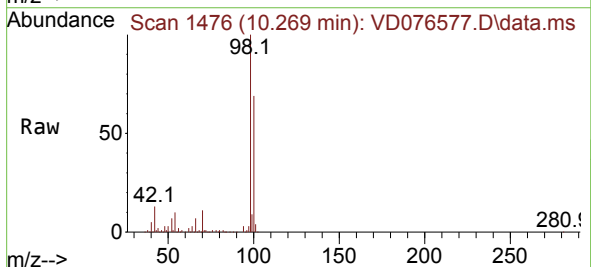
Acq: 26 Jun 2023 13:27

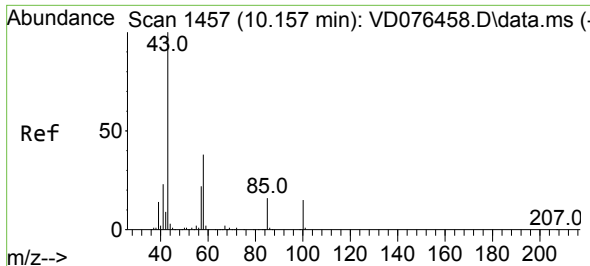
Tgt Ion: 98 Resp: 239316

Ion Ratio Lower Upper

98 100

100 66.7 50.3 75.5

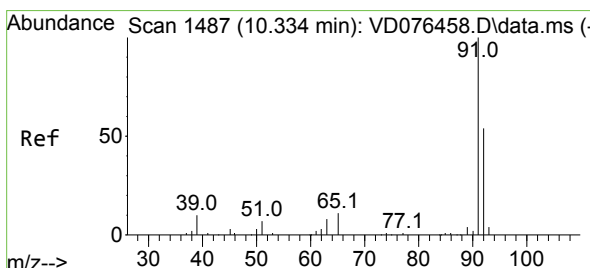
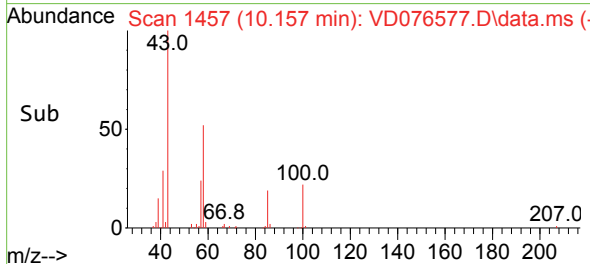
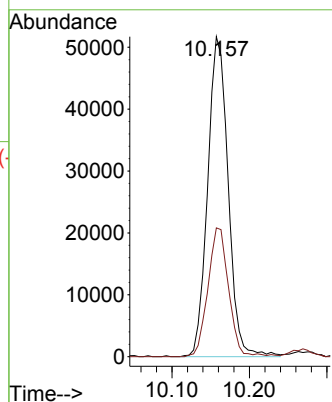
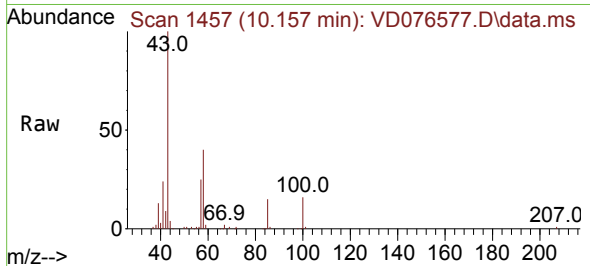




#51
4-Methyl-2-Pentanone
Concen: 91.825 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD076577.D
Acq: 26 Jun 2023 13:27

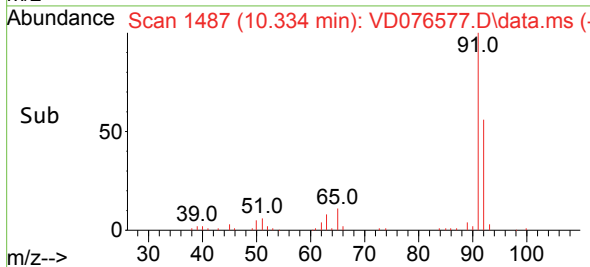
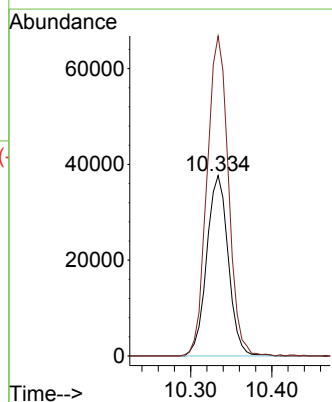
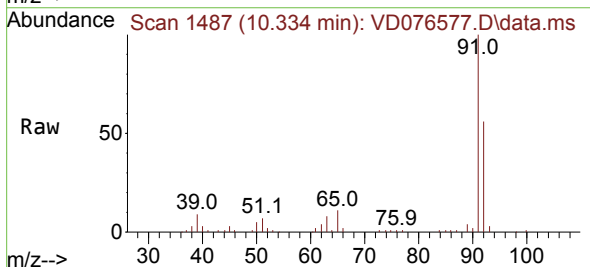
Instrument :
MSVOA_D
ClientSampleId :
VD0626SBS01

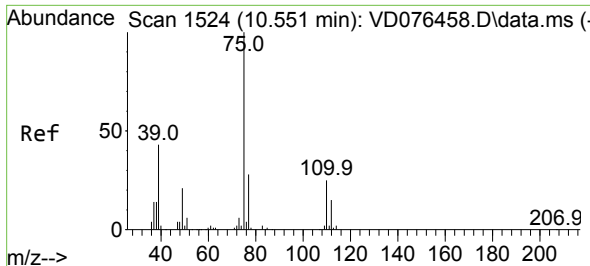
Tgt Ion: 43 Resp: 94988
Ion Ratio Lower Upper
43 100
58 40.5 38.9 58.3



#52
Toluene
Concen: 19.643 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076577.D
Acq: 26 Jun 2023 13:27

Tgt Ion: 92 Resp: 69342
Ion Ratio Lower Upper
92 100
91 176.4 143.0 214.4

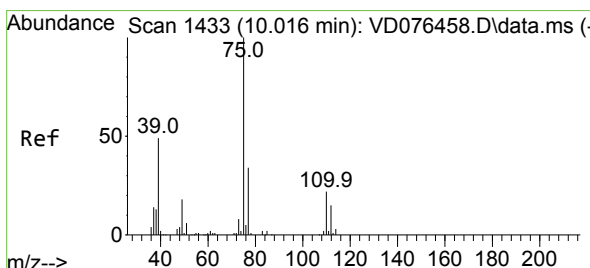
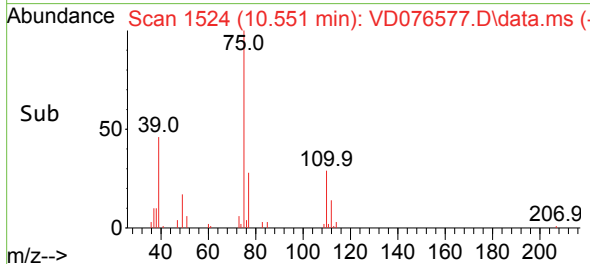
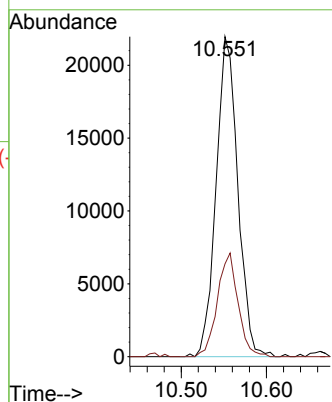
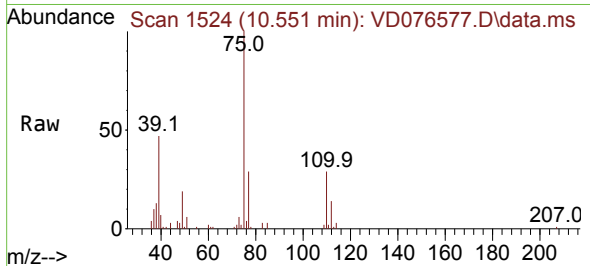




#53
 t-1,3-Dichloropropene
 Concen: 19.573 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. -0.000 min
 Lab File: VD076577.D
 Acq: 26 Jun 2023 13:27

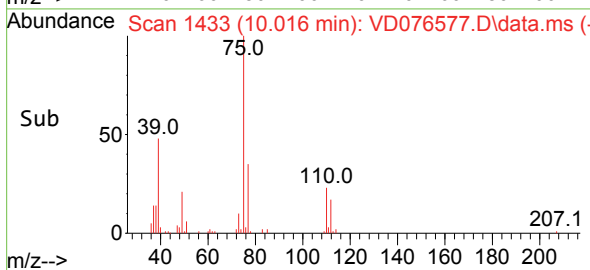
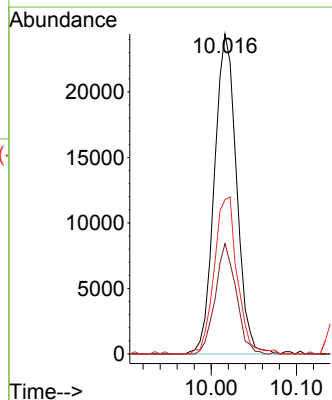
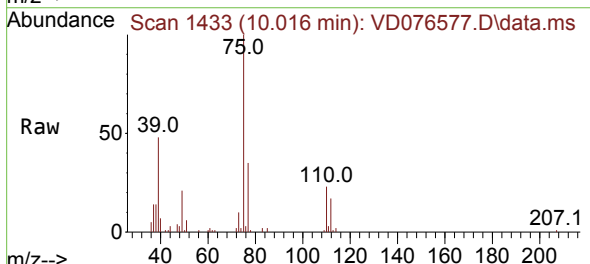
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0626SBS01

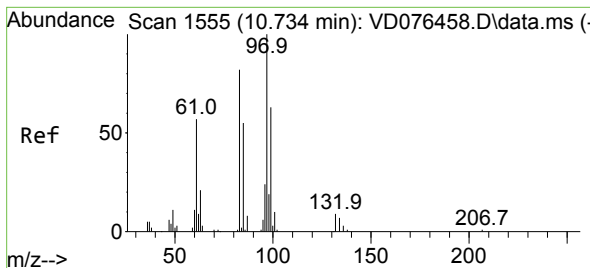
Tgt Ion: 75 Resp: 38833
 Ion Ratio Lower Upper
 75 100
 77 29.0 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 18.697 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD076577.D
 Acq: 26 Jun 2023 13:27

Tgt Ion: 75 Resp: 43980
 Ion Ratio Lower Upper
 75 100
 77 34.5 25.5 38.3
 39 48.2 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 18.947 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD076577.D

Acq: 26 Jun 2023 13:27

Instrument :

MSVOA_D

ClientSampleId :

VD0626SBS01

Tgt Ion: 97 Resp: 21654

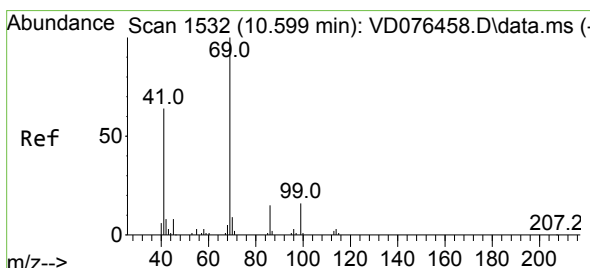
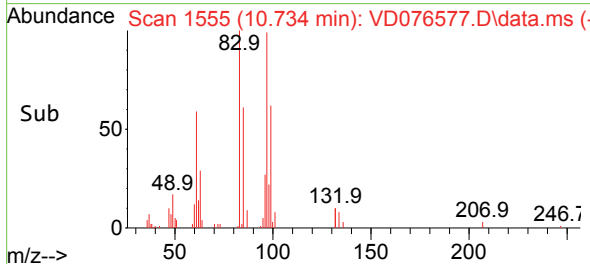
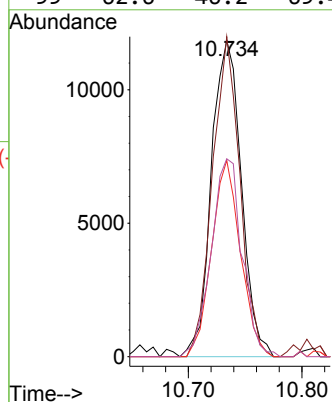
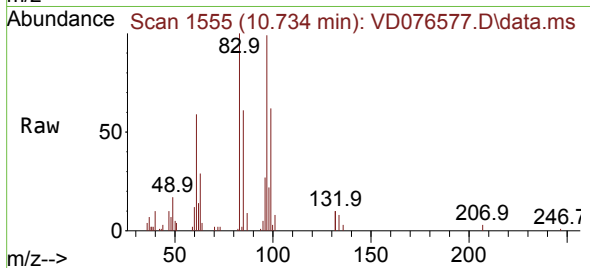
Ion Ratio Lower Upper

97 100

83 101.2 65.8 98.6#

85 62.1 45.7 68.5

99 62.6 46.2 69.4



#56

Ethyl methacrylate

Concen: 18.855 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. -0.000 min

Lab File: VD076577.D

Acq: 26 Jun 2023 13:27

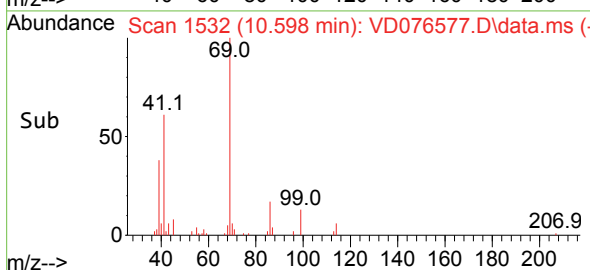
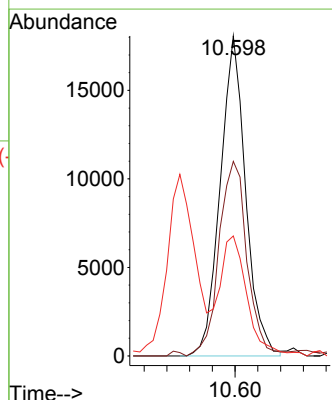
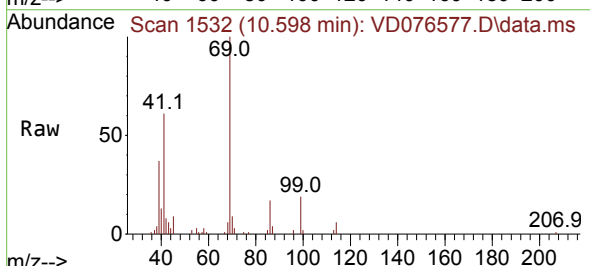
Tgt Ion: 69 Resp: 28137

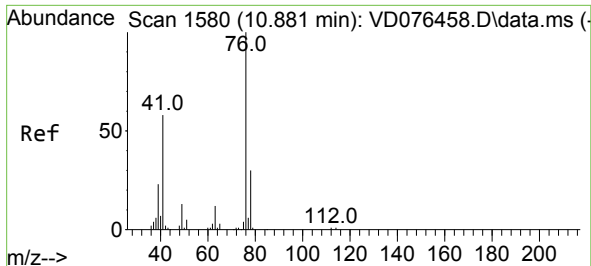
Ion Ratio Lower Upper

69 100

41 67.0 39.1 58.7#

39 41.5 20.0 30.0#

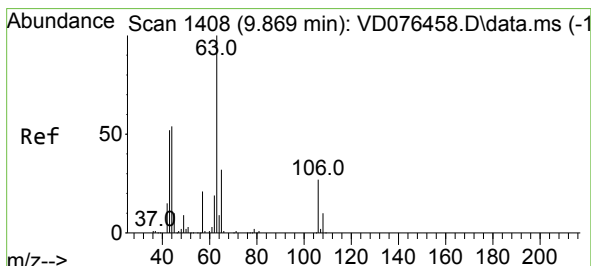
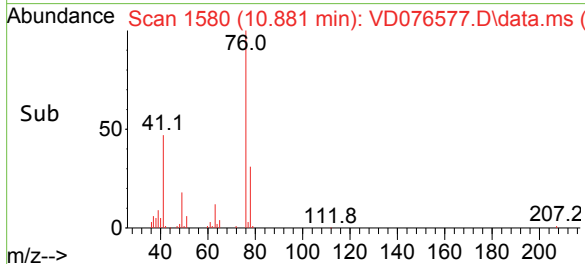
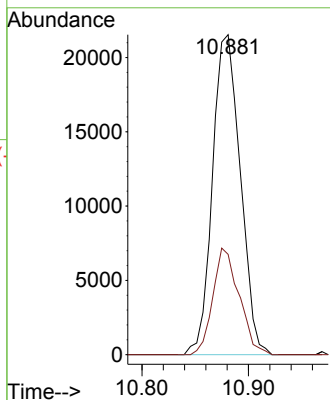
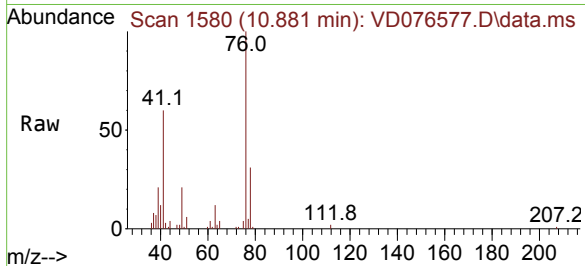




#57
1,3-Dichloropropane
Concen: 19.942 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD076577.D
Acq: 26 Jun 2023 13:27

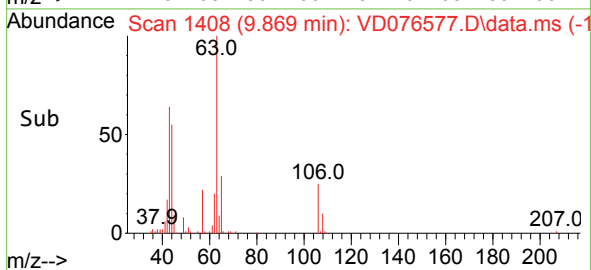
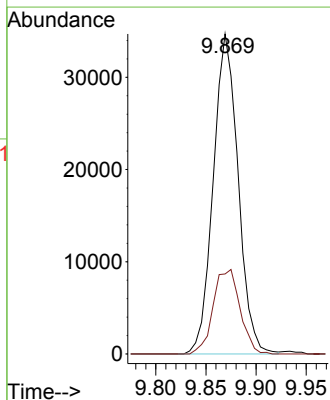
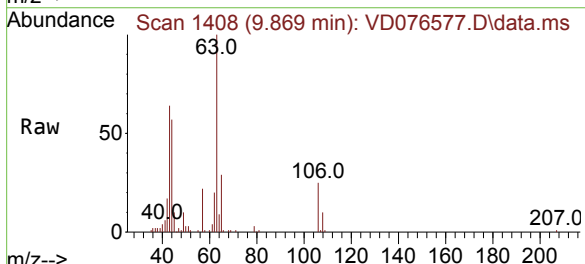
Instrument :
MSVOA_D
ClientSampleId :
VD0626SBS01

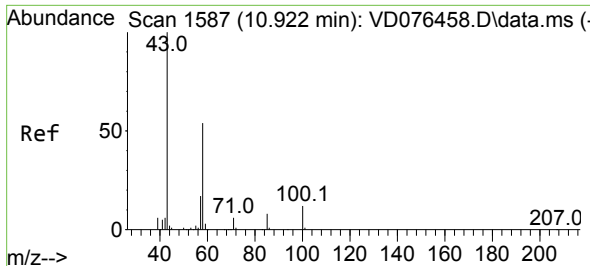
Tgt Ion: 76 Resp: 39022
Ion Ratio Lower Upper
76 100
78 31.5 26.4 39.6



#58
2-Chloroethyl Vinyl ether
Concen: 94.461 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. -0.000 min
Lab File: VD076577.D
Acq: 26 Jun 2023 13:27

Tgt Ion: 63 Resp: 59762
Ion Ratio Lower Upper
63 100
106 28.4 25.3 37.9

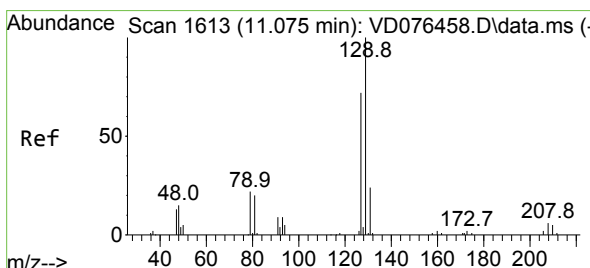
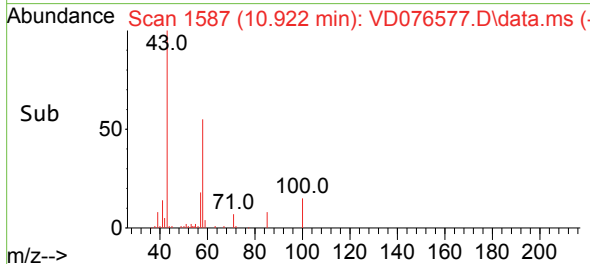
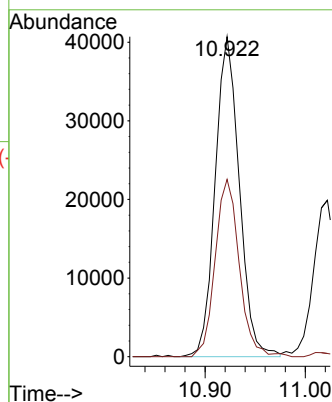
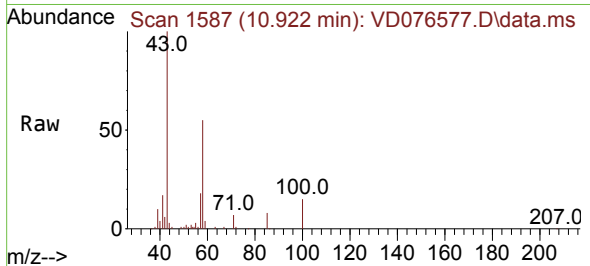




#59
2-Hexanone
Concen: 94.486 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD076577.D
Acq: 26 Jun 2023 13:27

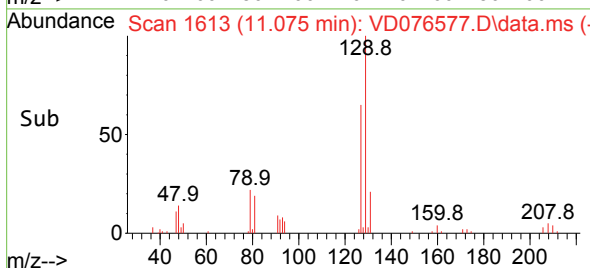
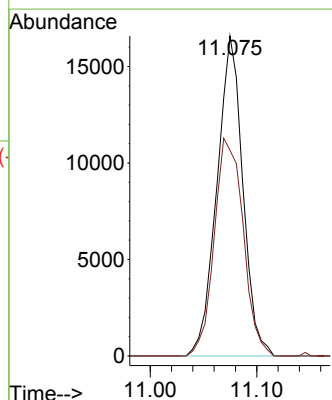
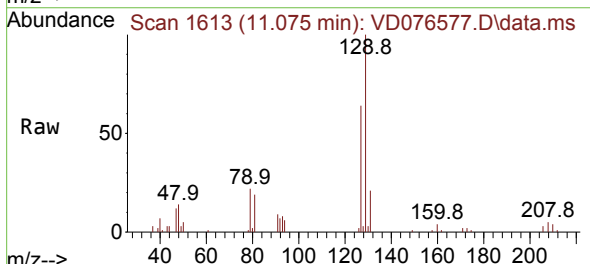
Instrument :
MSVOA_D
ClientSampleId :
VD0626SBS01

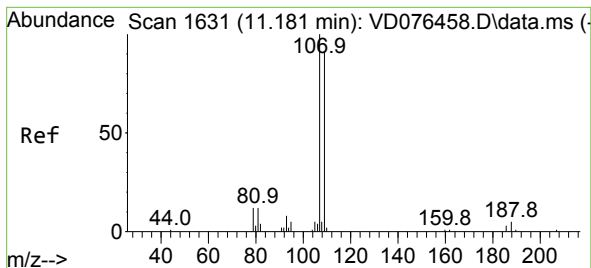
Tgt Ion: 43 Resp: 67989
Ion Ratio Lower Upper
43 100
58 55.3 34.1 102.2



#60
Dibromochloromethane
Concen: 21.033 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076577.D
Acq: 26 Jun 2023 13:27

Tgt Ion: 129 Resp: 27975
Ion Ratio Lower Upper
129 100
127 75.9 37.1 111.5

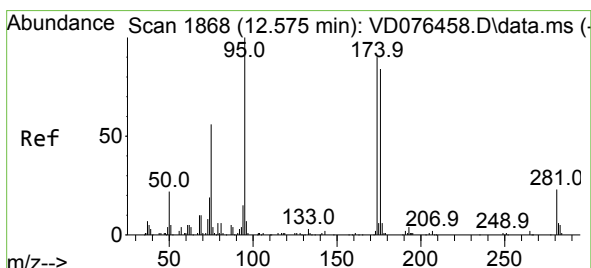
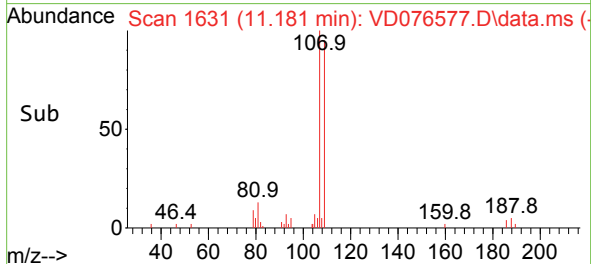
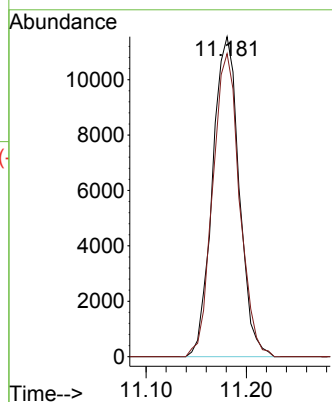
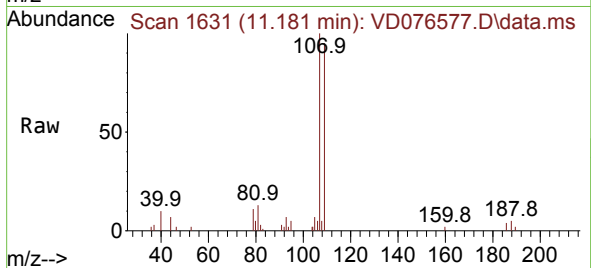




#61
1,2-Dibromoethane
Concen: 19.848 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076577.D
Acq: 26 Jun 2023 13:27

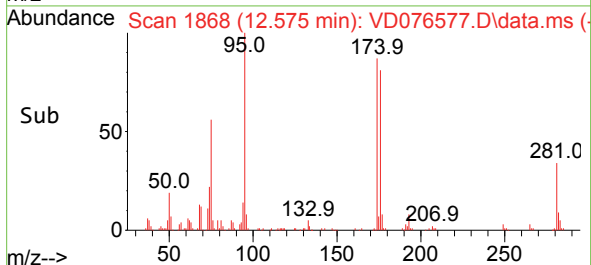
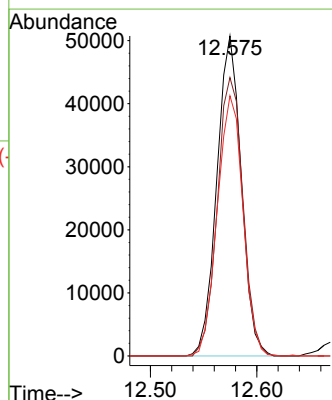
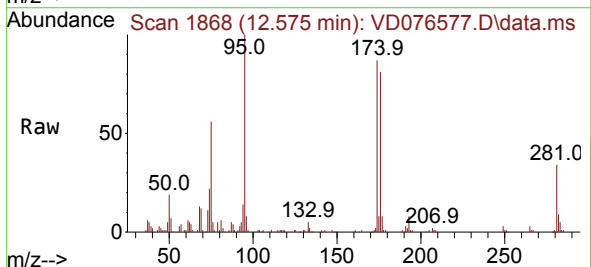
Instrument :
MSVOA_D
ClientSampleId :
VD0626SBS01

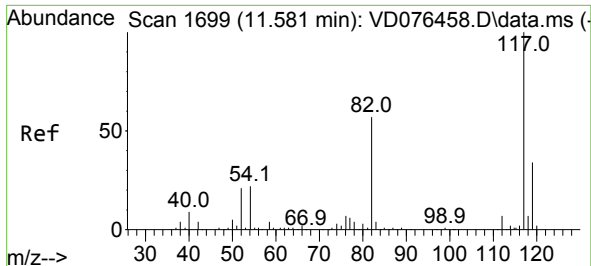
Tgt Ion:107 Resp: 21294
Ion Ratio Lower Upper
107 100
109 95.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 49.826 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076577.D
Acq: 26 Jun 2023 13:27

Tgt Ion: 95 Resp: 80783
Ion Ratio Lower Upper
95 100
174 91.0 0.0 201.8
176 85.0 0.0 191.8

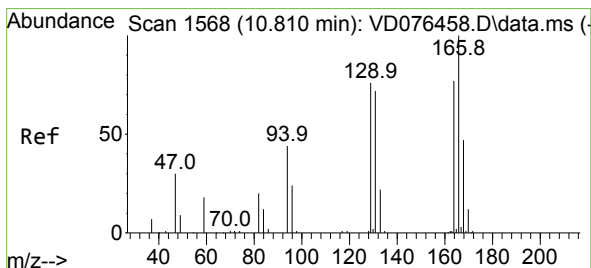
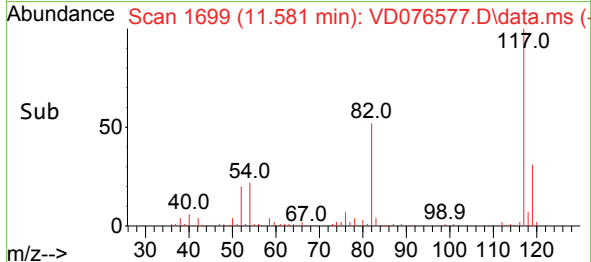
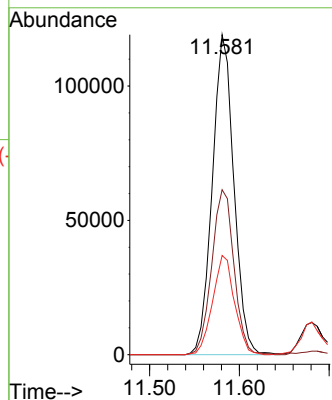
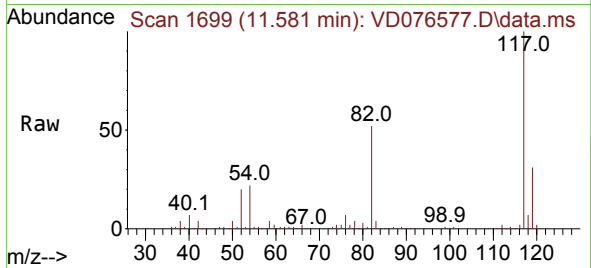




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076577.D
Acq: 26 Jun 2023 13:27

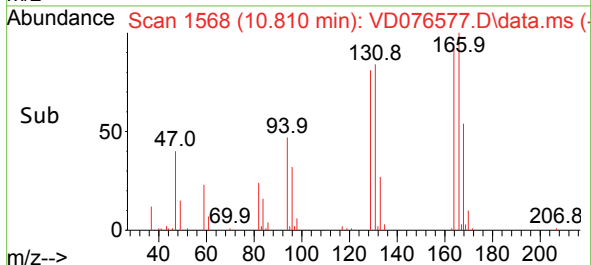
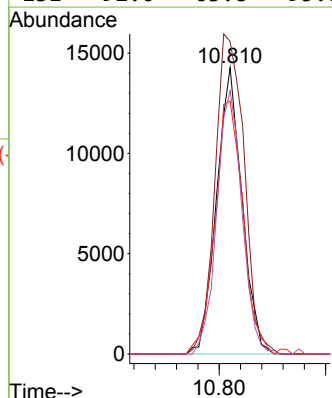
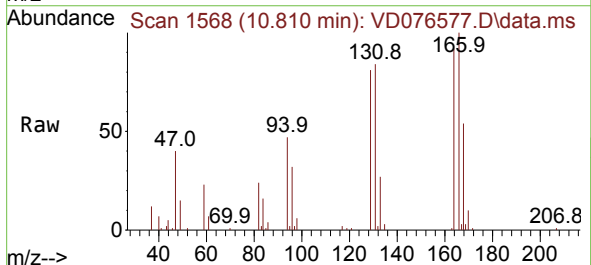
Instrument :
MSVOA_D
ClientSampleId :
VD0626SBS01

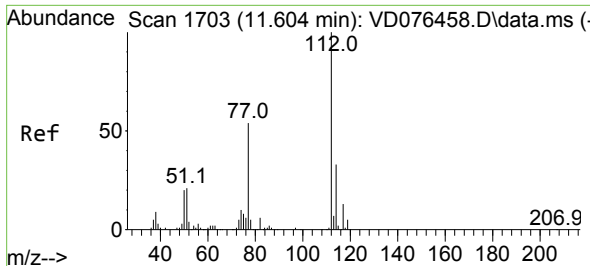
Tgt Ion:117 Resp: 199084
Ion Ratio Lower Upper
117 100
82 51.5 38.3 57.5
119 31.0 25.0 37.4



#64
Tetrachloroethene
Concen: 19.811 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD076577.D
Acq: 26 Jun 2023 13:27

Tgt Ion:164 Resp: 23675
Ion Ratio Lower Upper
164 100
166 109.1 99.2 148.8
129 88.3 68.4 102.6
131 92.0 63.8 95.8

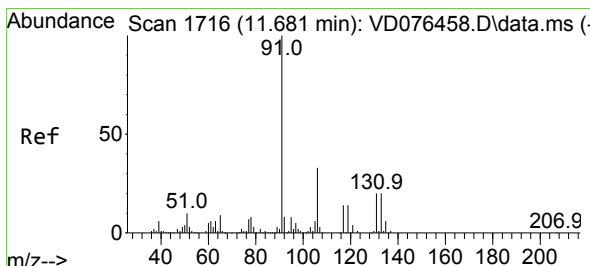
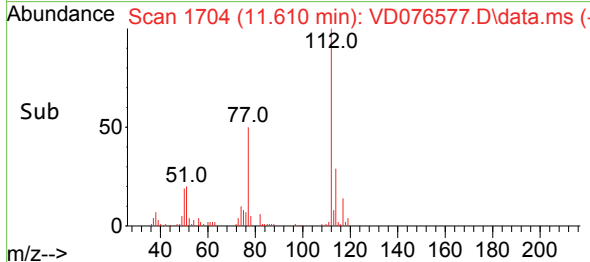
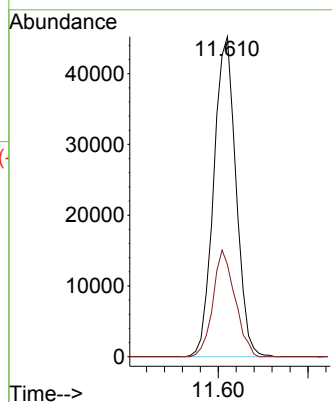
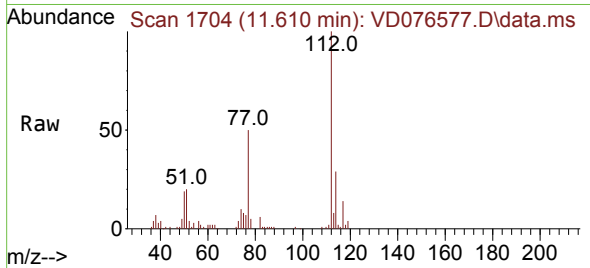




#65
Chlorobenzene
Concen: 20.585 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD076577.D
Acq: 26 Jun 2023 13:27

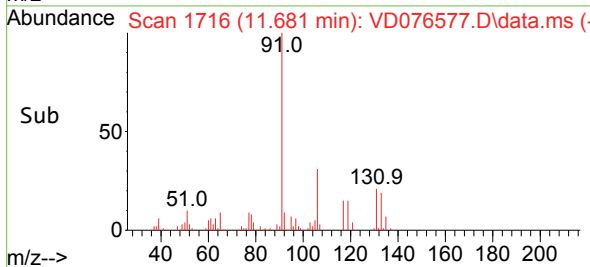
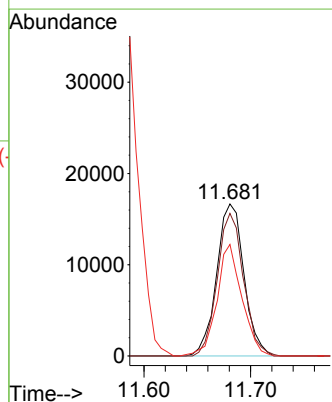
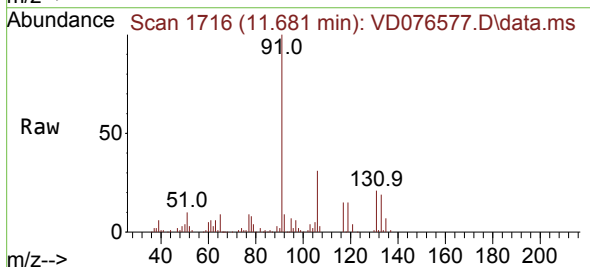
Instrument :
MSVOA_D
ClientSampleId :
VD0626SBS01

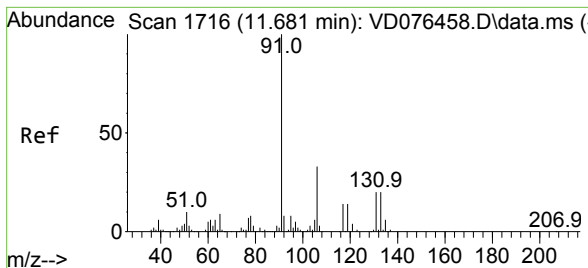
Tgt Ion:112 Resp: 77855
Ion Ratio Lower Upper
112 100
114 28.8 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 21.944 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076577.D
Acq: 26 Jun 2023 13:27

Tgt Ion:131 Resp: 29682
Ion Ratio Lower Upper
131 100
133 90.3 48.5 145.5
119 67.1 35.6 106.9





#67

Ethyl Benzene

Concen: 20.688 ug/l

RT: 11.687 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD076577.D

Acq: 26 Jun 2023 13:27

Instrument :

MSVOA_D

ClientSampleId :

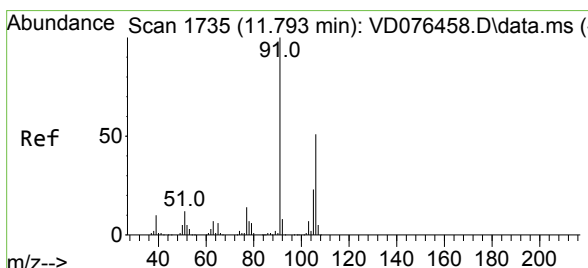
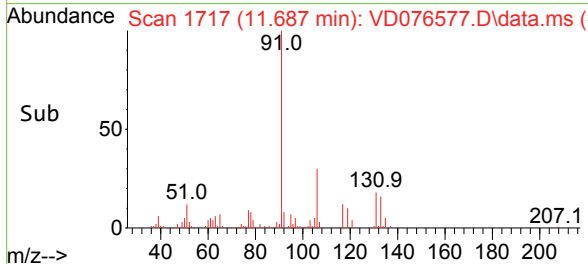
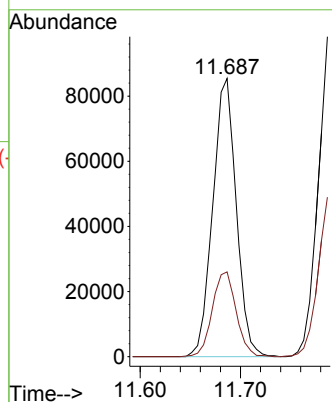
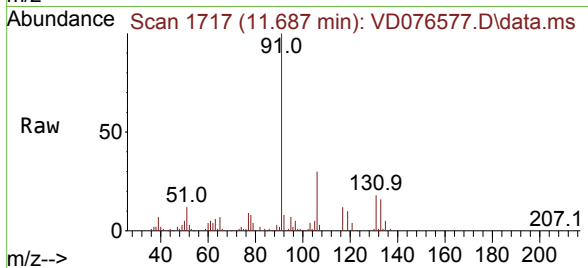
VD0626SBS01

Tgt Ion: 91 Resp: 138643

Ion Ratio Lower Upper

91 100

106 30.5 26.5 39.7



#68

m/p-Xylenes

Concen: 40.866 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD076577.D

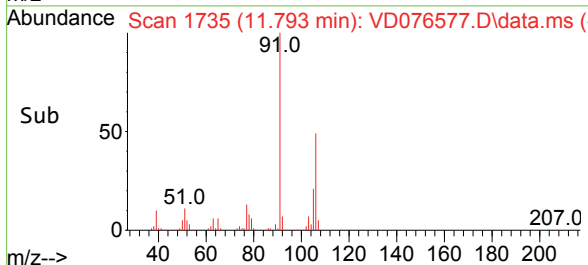
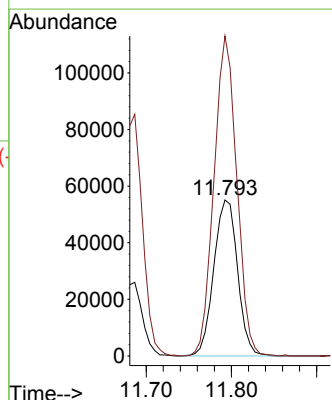
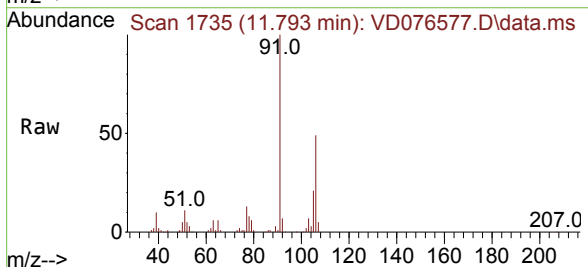
Acq: 26 Jun 2023 13:27

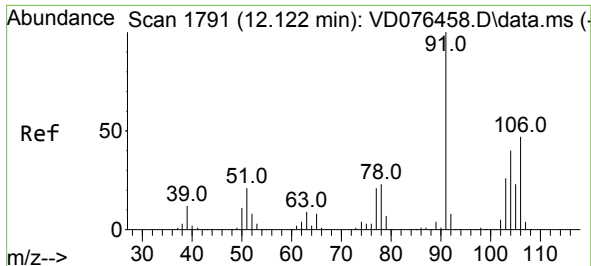
Tgt Ion:106 Resp: 106909

Ion Ratio Lower Upper

106 100

91 196.9 147.0 220.6

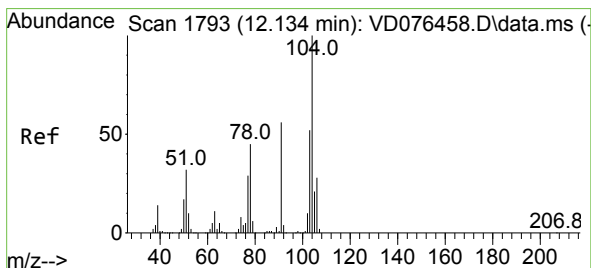
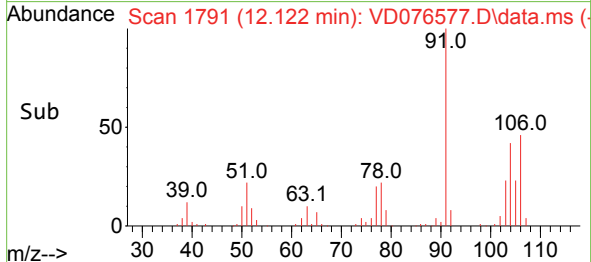
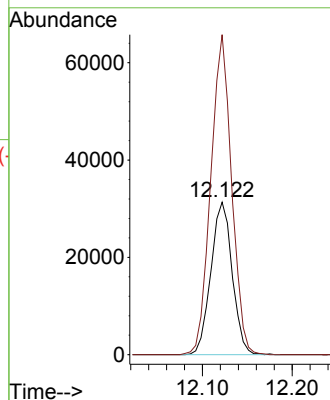
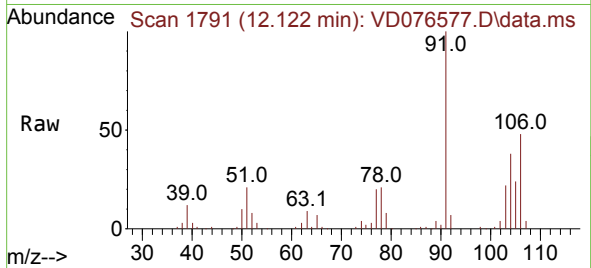




#69
o-Xylene
Concen: 20.751 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076577.D
Acq: 26 Jun 2023 13:27

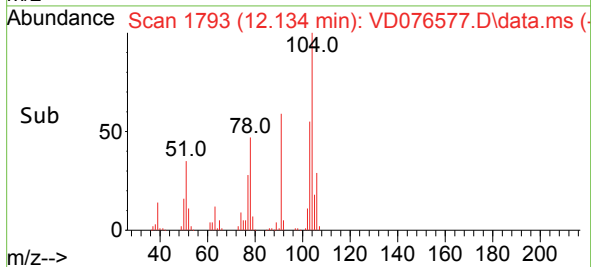
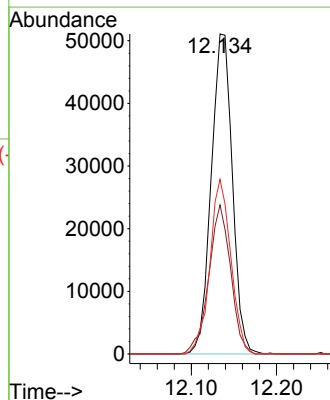
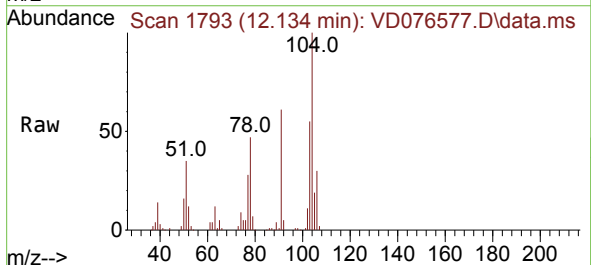
Instrument :
MSVOA_D
ClientSampleId :
VD0626SBS01

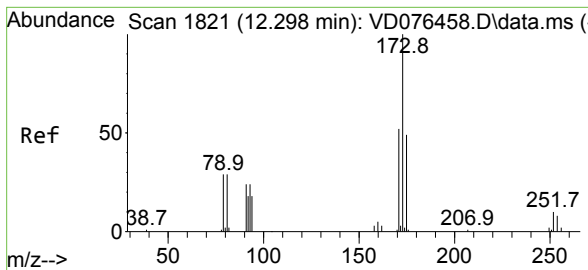
Tgt Ion:106 Resp: 51675
Ion Ratio Lower Upper
106 100
91 205.4 97.9 293.6



#70
Styrene
Concen: 20.467 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076577.D
Acq: 26 Jun 2023 13:27

Tgt Ion:104 Resp: 88045
Ion Ratio Lower Upper
104 100
78 48.0 33.2 49.8
103 54.1 43.6 65.4

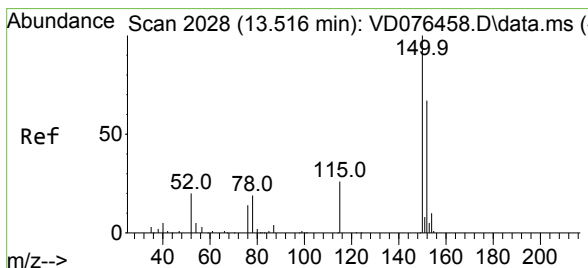
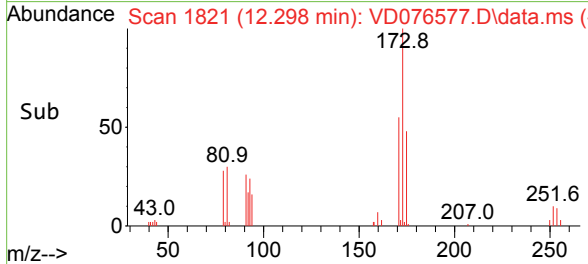
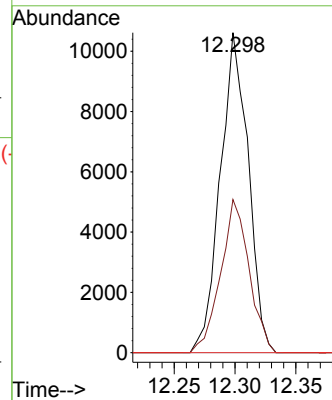
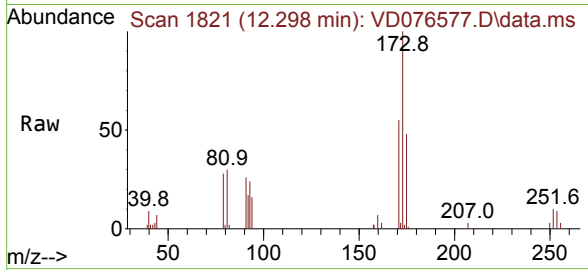




#71
Bromoform
Concen: 20.907 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD076577.D
Acq: 26 Jun 2023 13:27

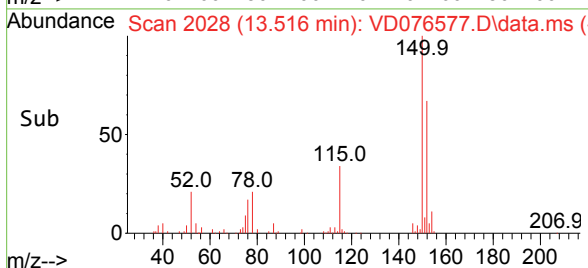
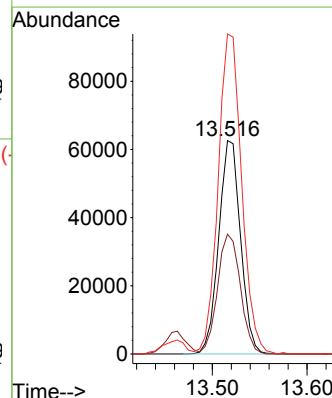
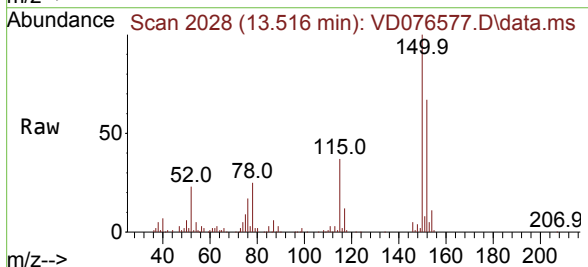
Instrument :
MSVOA_D
ClientSampleId :
VD0626SBS01

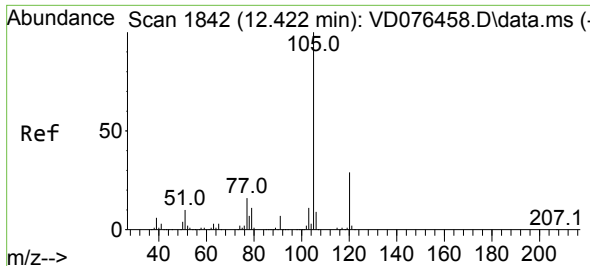
Tgt Ion:173 Resp: 16980
Ion Ratio Lower Upper
173 100
175 48.7 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD076577.D
Acq: 26 Jun 2023 13:27

Tgt Ion:152 Resp: 100122
Ion Ratio Lower Upper
152 100
115 58.8 27.1 81.3
150 162.0 0.0 353.6

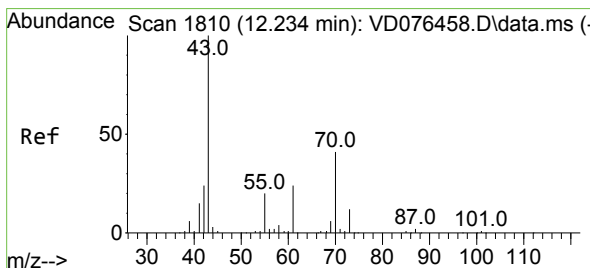
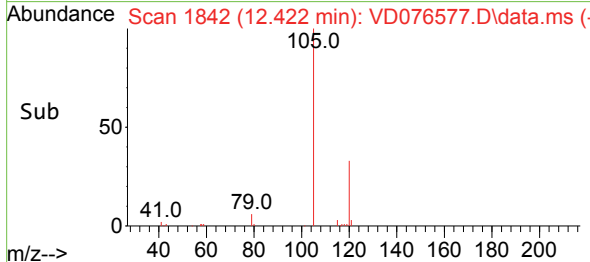
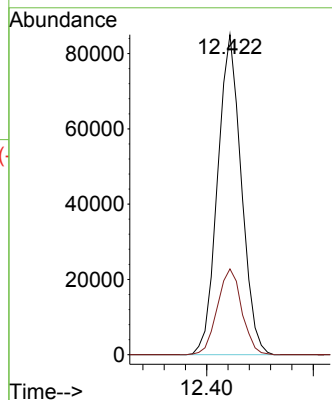
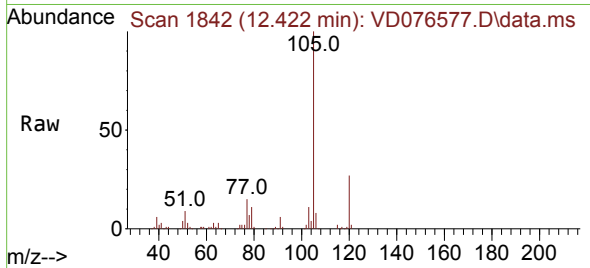




#73
Isopropylbenzene
Concen: 19.475 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076577.D
Acq: 26 Jun 2023 13:27

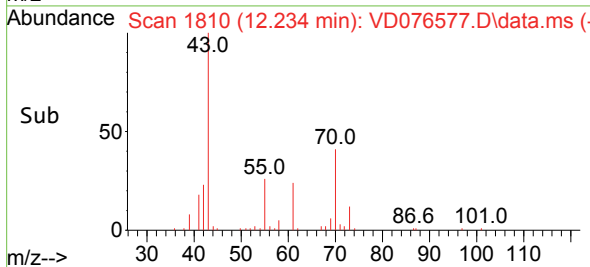
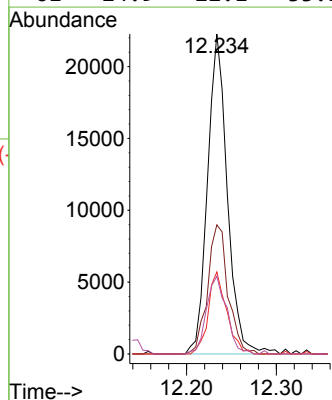
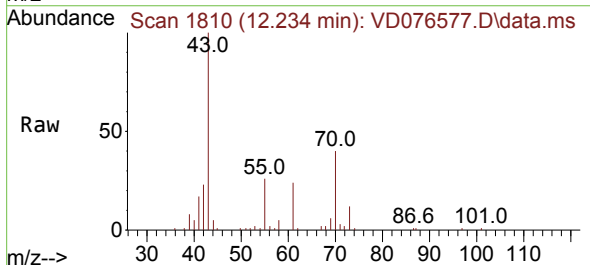
Instrument :
MSVOA_D
ClientSampleId :
VD0626SBS01

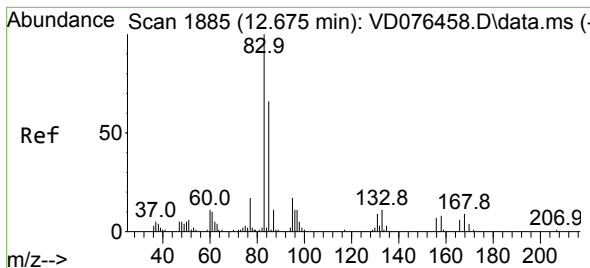
Tgt Ion:105 Resp: 131279
Ion Ratio Lower Upper
105 100
120 27.5 14.3 42.9



#74
N-ethyl acetate
Concen: 17.268 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076577.D
Acq: 26 Jun 2023 13:27

Tgt Ion: 43 Resp: 34078
Ion Ratio Lower Upper
43 100
70 41.9 45.0 67.4#
55 24.1 23.8 35.6
61 24.9 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.842 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD076577.D

Acq: 26 Jun 2023 13:27

Instrument :

MSVOA_D

ClientSampleId :

VD0626SBS01

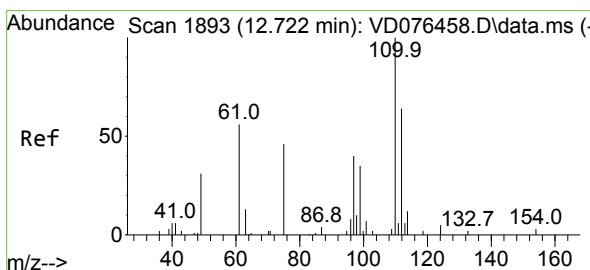
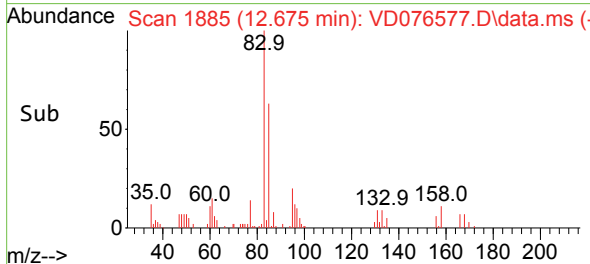
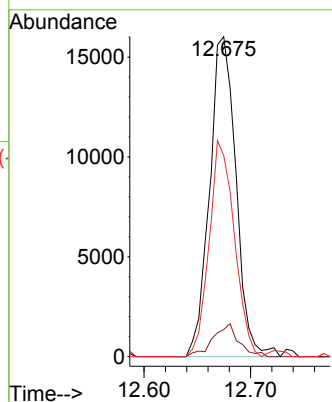
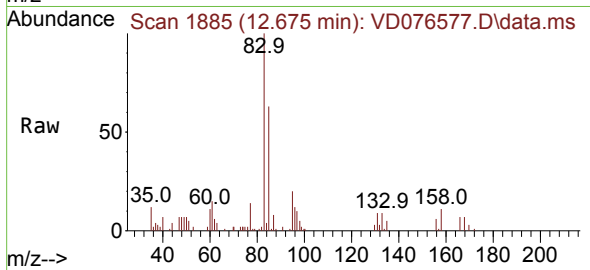
Tgt Ion: 83 Resp: 27600

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.3

85 64.3 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 33.419 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VD076577.D

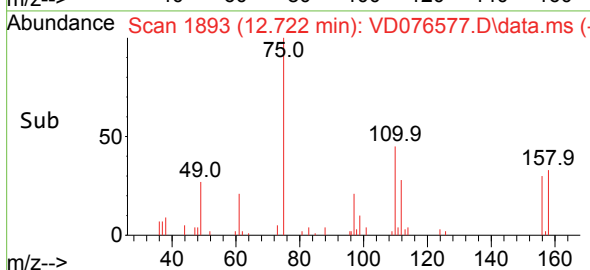
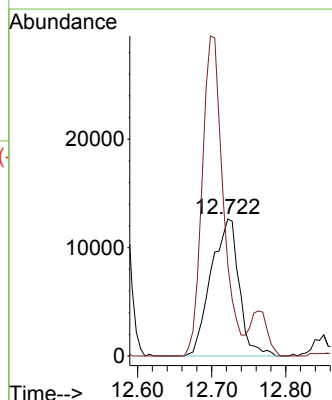
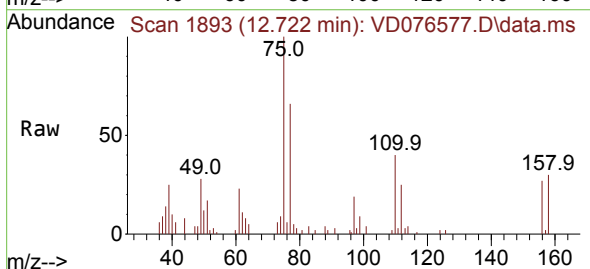
Acq: 26 Jun 2023 13:27

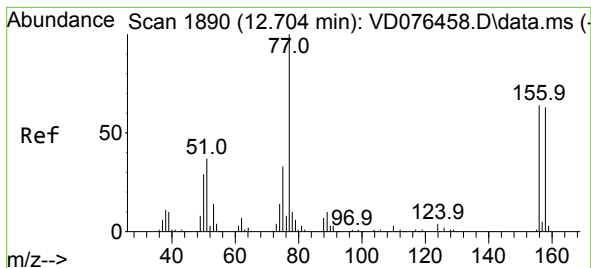
Tgt Ion: 75 Resp: 33208

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.603 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. -0.000 min

Lab File: VD076577.D

Acq: 26 Jun 2023 13:27

Instrument :

MSVOA_D

ClientSampleId :

VD0626SBS01

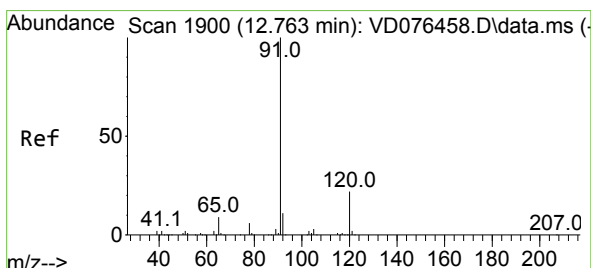
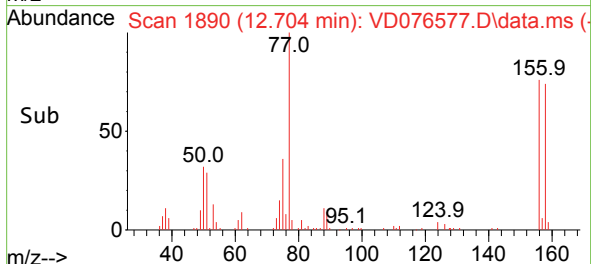
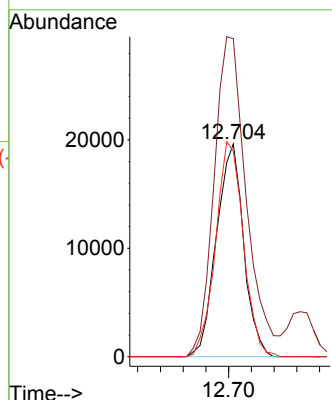
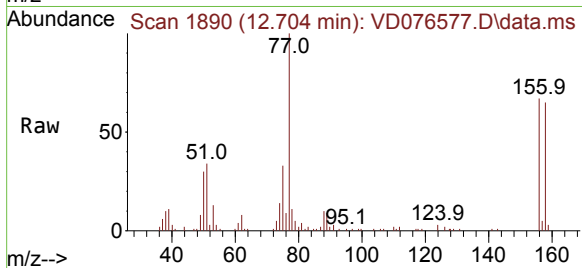
Tgt Ion:156 Resp: 32601

Ion Ratio Lower Upper

156 100

77 179.0 76.8 230.4

158 103.2 48.6 145.9



#78

n-propylbenzene

Concen: 19.605 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD076577.D

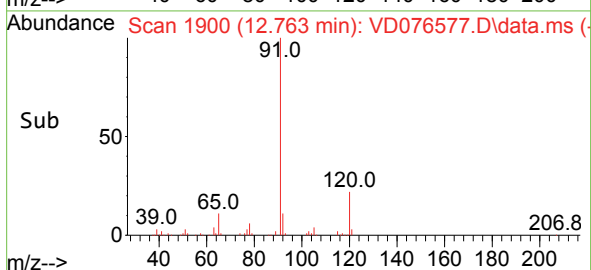
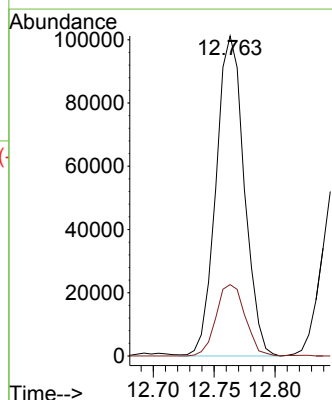
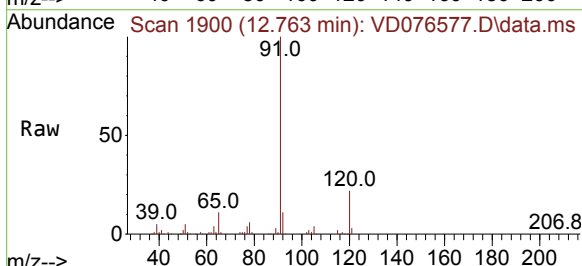
Acq: 26 Jun 2023 13:27

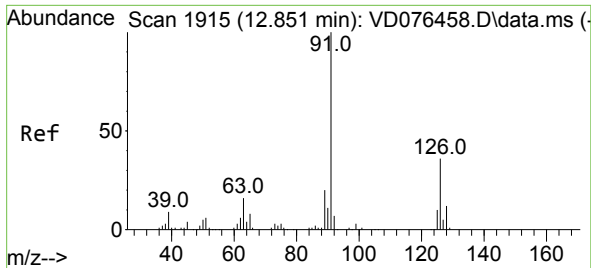
Tgt Ion: 91 Resp: 163179

Ion Ratio Lower Upper

91 100

120 22.9 12.4 37.2

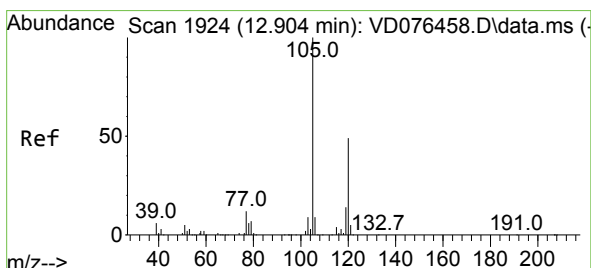
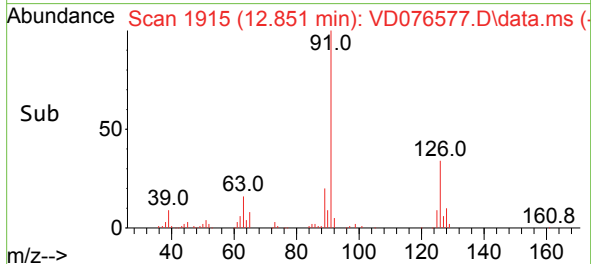
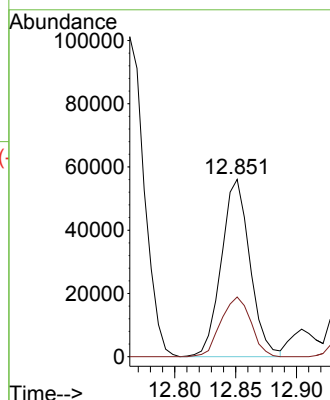
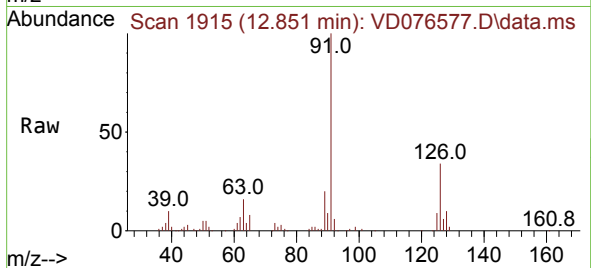




#79
2-Chlorotoluene
Concen: 20.112 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD076577.D
Acq: 26 Jun 2023 13:27

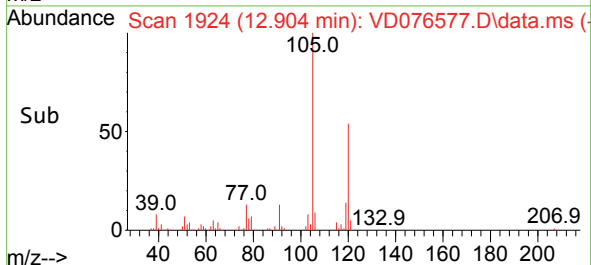
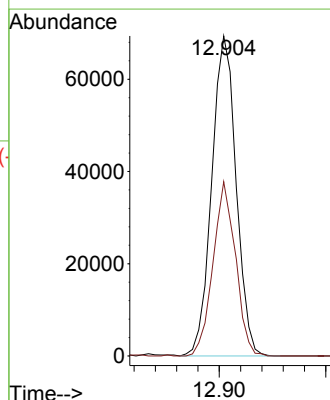
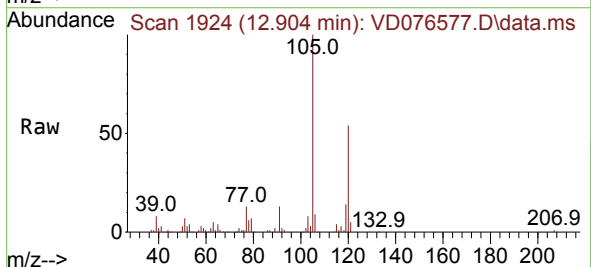
Instrument :
MSVOA_D
ClientSampleId :
VD0626SBS01

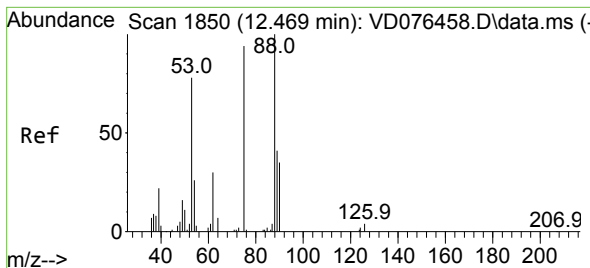
Tgt Ion: 91 Resp: 91926
Ion Ratio Lower Upper
91 100
126 35.1 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 19.995 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD076577.D
Acq: 26 Jun 2023 13:27

Tgt Ion: 105 Resp: 110075
Ion Ratio Lower Upper
105 100
120 50.2 26.4 79.2

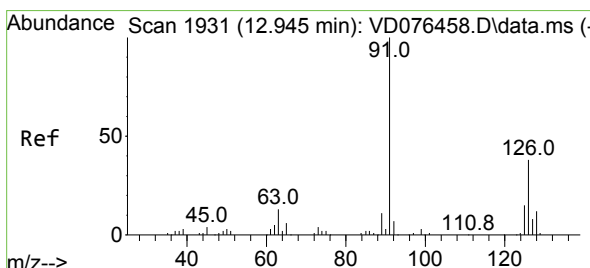
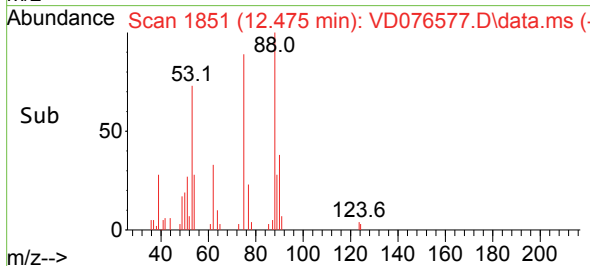
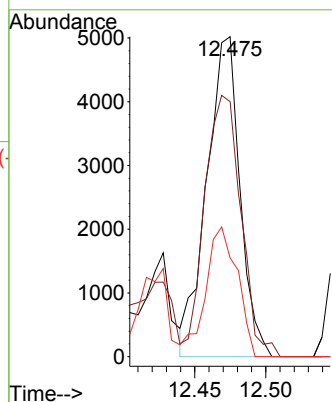
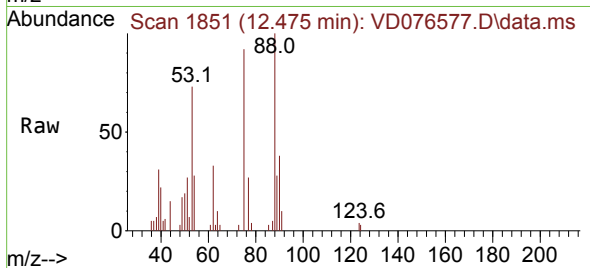




#81
trans-1,4-Dichloro-2-butene
Concen: 18.027 ug/l
RT: 12.475 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VD076577.D
Acq: 26 Jun 2023 13:27

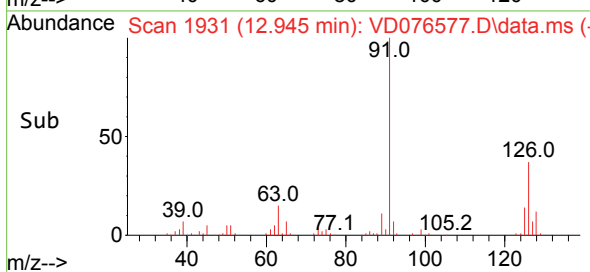
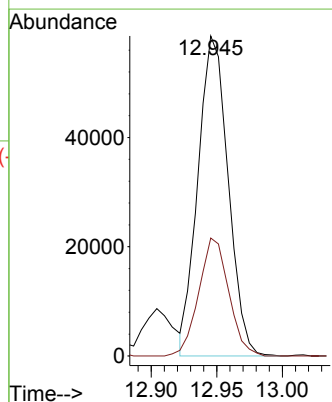
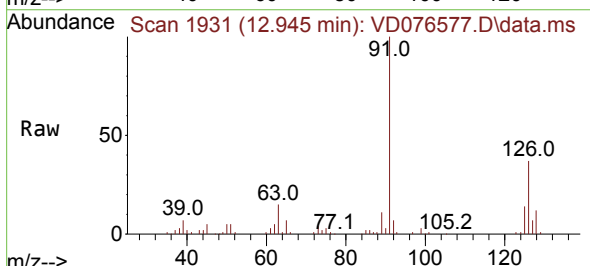
Instrument :
MSVOA_D
ClientSampleId :
VD0626SBS01

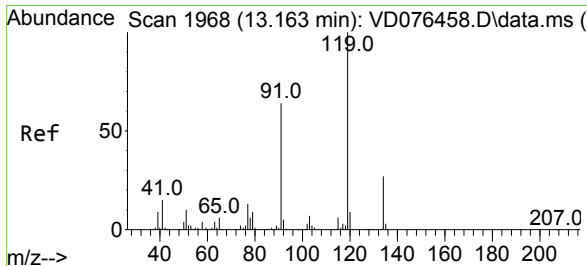
Tgt Ion:	75	Resp:	8175
Ion	Ratio	Lower	Upper
75	100		
53	88.9	63.0	94.4
89	38.5	37.9	56.9



#82
4-Chlorotoluene
Concen: 19.774 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD076577.D
Acq: 26 Jun 2023 13:27

Tgt Ion:	91	Resp:	93860
Ion	Ratio	Lower	Upper
91	100		
126	36.7	19.4	58.4

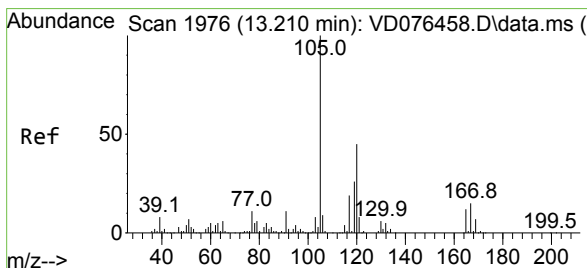
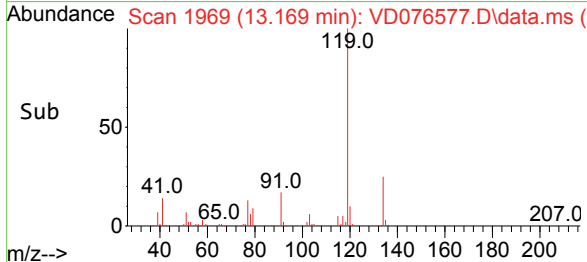
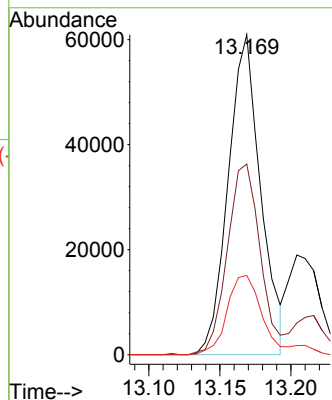
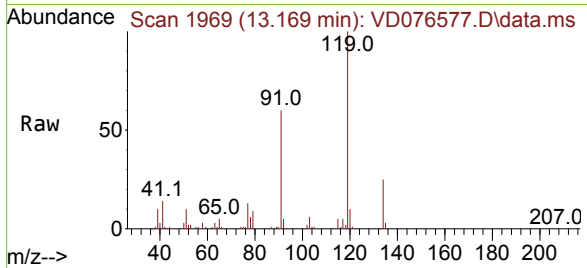




#83
tert-Butylbenzene
Concen: 19.797 ug/l
RT: 13.169 min Scan# 1968
Delta R.T. 0.006 min
Lab File: VD076577.D
Acq: 26 Jun 2023 13:27

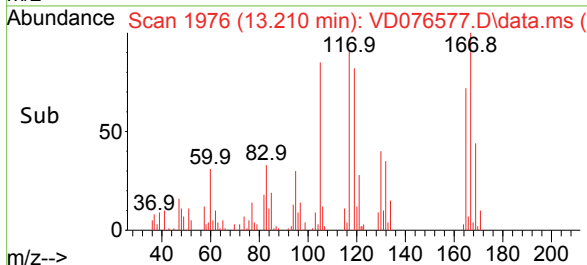
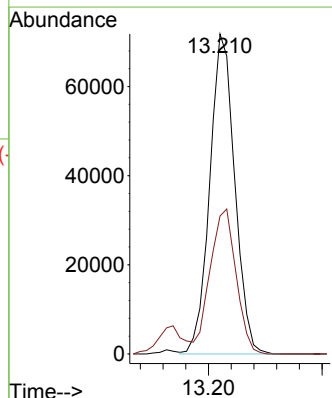
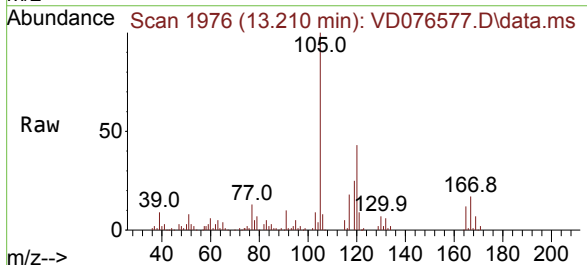
Instrument :
MSVOA_D
ClientSampleId :
VD0626SBS01

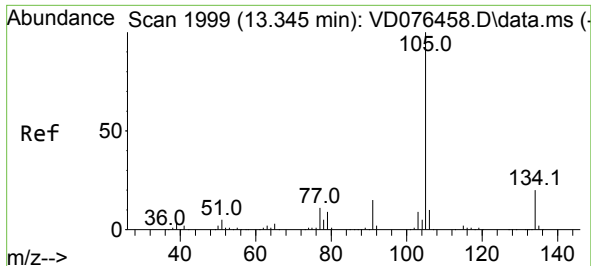
Tgt Ion:119 Resp: 96835
Ion Ratio Lower Upper
119 100
91 60.4 29.3 87.8
134 26.5 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 19.734 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD076577.D
Acq: 26 Jun 2023 13:27

Tgt Ion:105 Resp: 109478
Ion Ratio Lower Upper
105 100
120 47.1 24.3 72.9

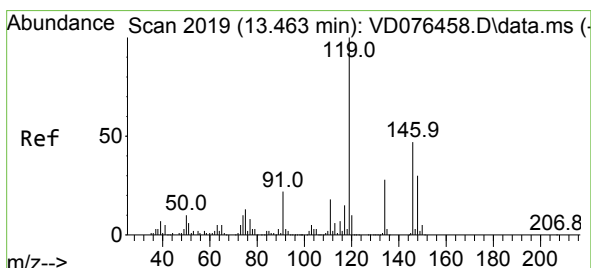
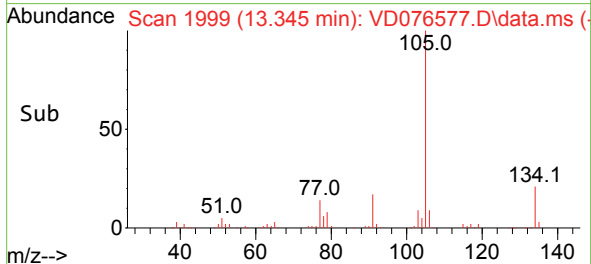
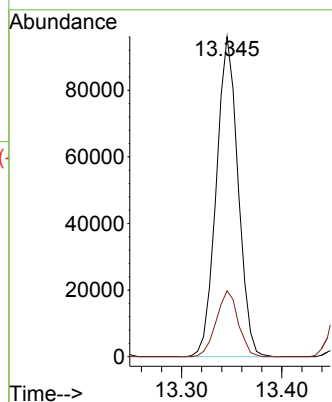
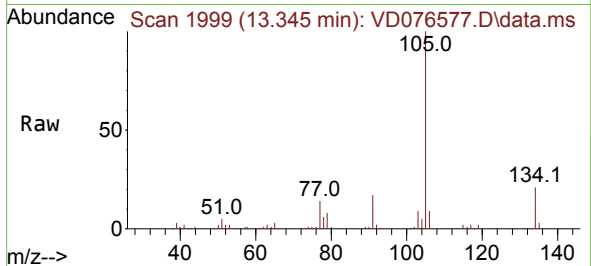




#85
 sec-Butylbenzene
 Concen: 19.939 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD076577.D
 Acq: 26 Jun 2023 13:27

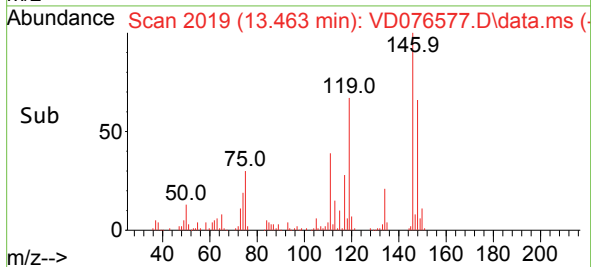
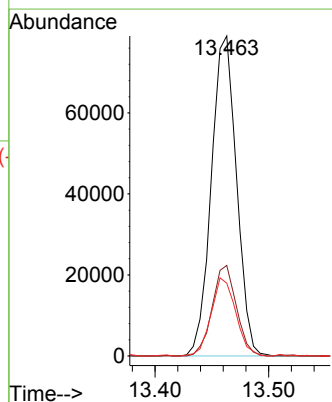
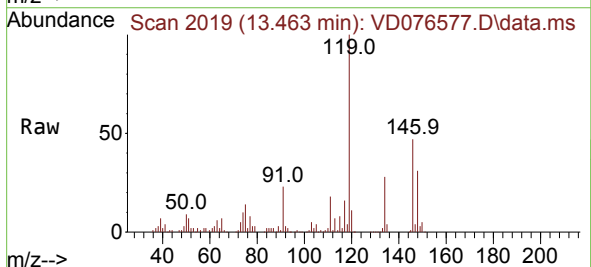
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0626SBS01

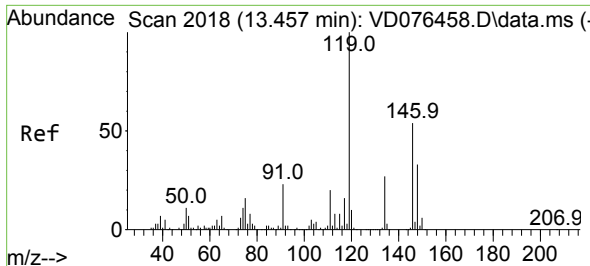
Tgt Ion:105 Resp: 144733
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 20.095 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD076577.D
 Acq: 26 Jun 2023 13:27

Tgt Ion:119 Resp: 121883
 Ion Ratio Lower Upper
 119 100
 134 27.1 14.2 42.6
 91 23.8 10.5 31.5

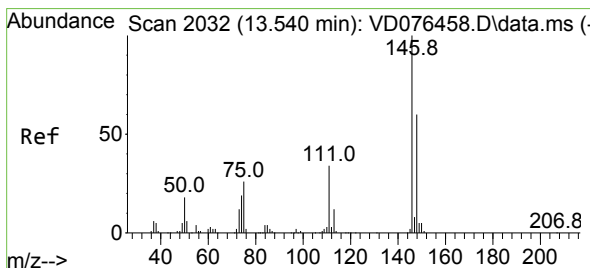
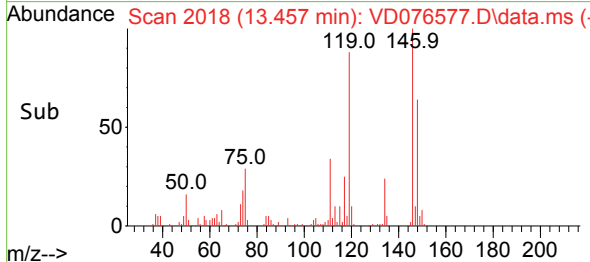
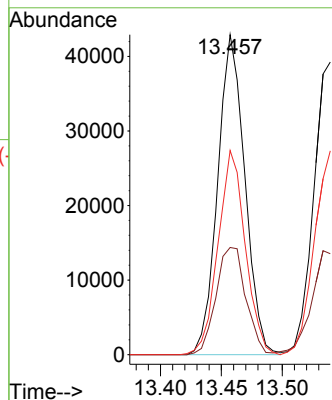
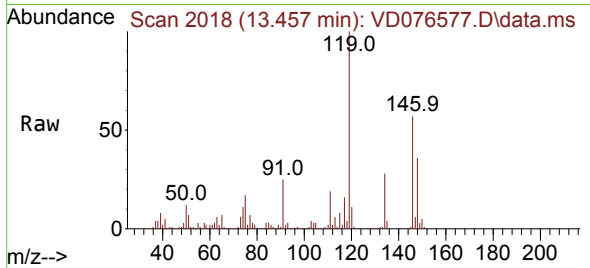




#87
1,3-Dichlorobenzene
Concen: 20.400 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD076577.D
Acq: 26 Jun 2023 13:27

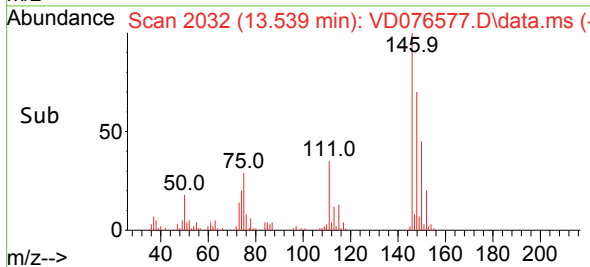
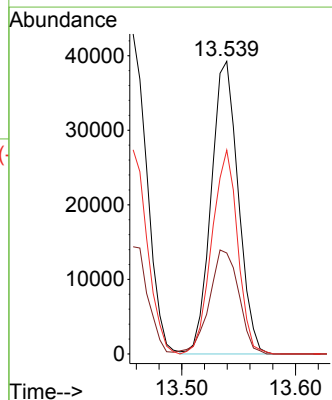
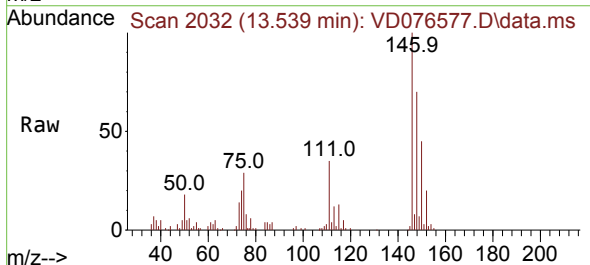
Instrument :
MSVOA_D
ClientSampleId :
VD0626SBS01

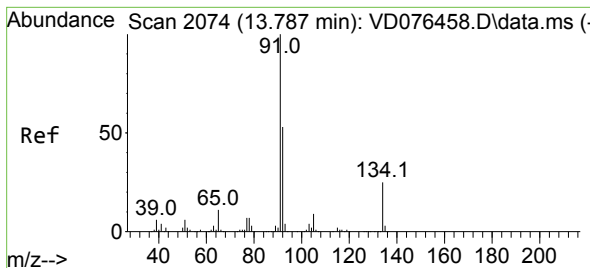
Tgt Ion:146 Resp: 66640
Ion Ratio Lower Upper
146 100
111 36.8 17.9 53.8
148 64.0 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 19.952 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD076577.D
Acq: 26 Jun 2023 13:27

Tgt Ion:146 Resp: 65005
Ion Ratio Lower Upper
146 100
111 38.5 17.4 52.3
148 66.4 31.7 95.1





#89

n-Butylbenzene

Concen: 19.495 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VD076577.D

Acq: 26 Jun 2023 13:27

Instrument :

MSVOA_D

ClientSampleId :

VD0626SBS01

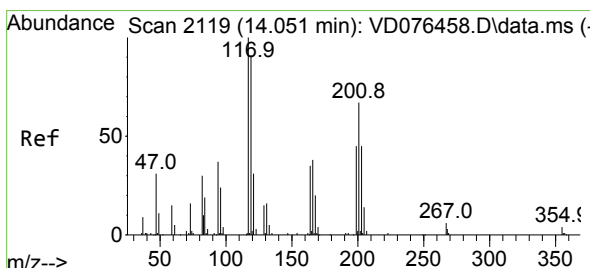
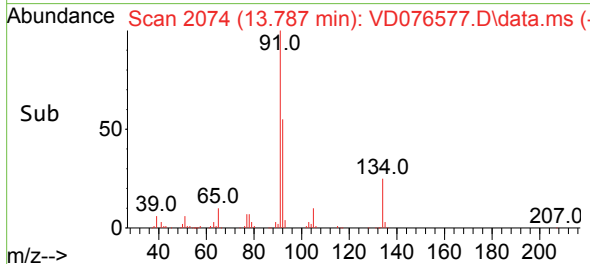
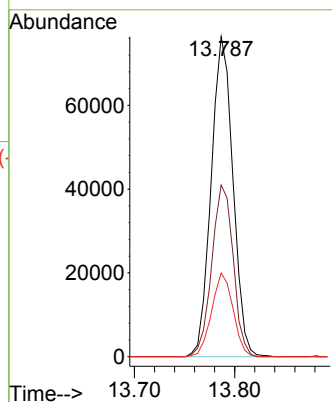
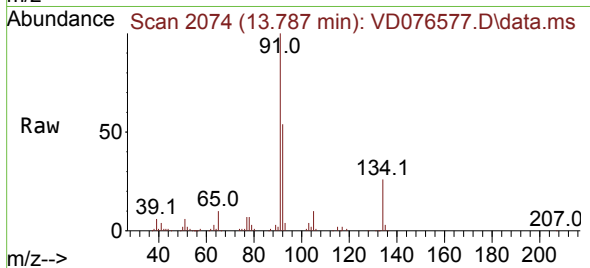
Tgt Ion: 91 Resp: 115333

Ion Ratio Lower Upper

91 100

92 52.8 26.5 79.5

134 25.8 13.8 41.3



#90

Hexachloroethane

Concen: 20.058 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. -0.000 min

Lab File: VD076577.D

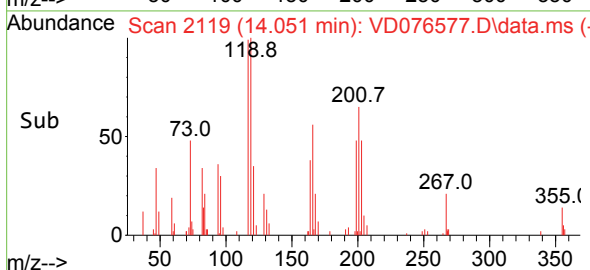
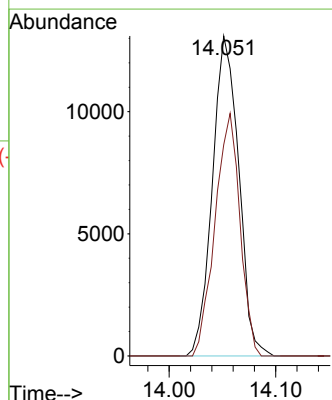
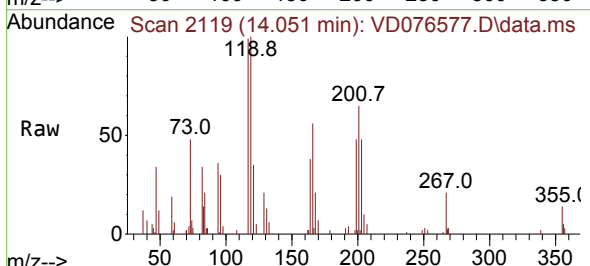
Acq: 26 Jun 2023 13:27

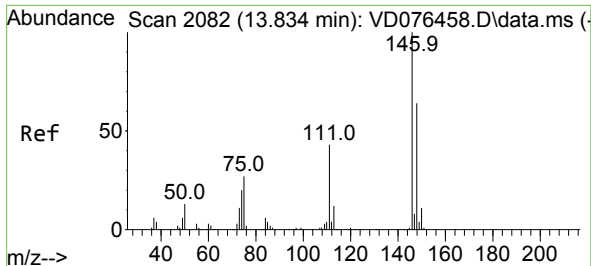
Tgt Ion: 117 Resp: 22451

Ion Ratio Lower Upper

117 100

201 71.9 38.5 115.5

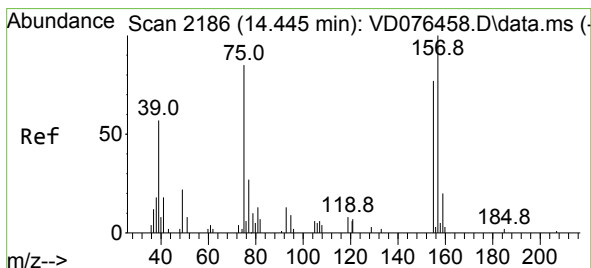
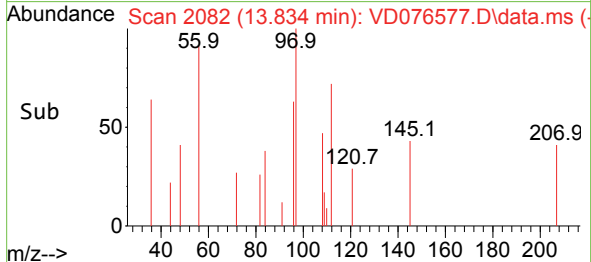
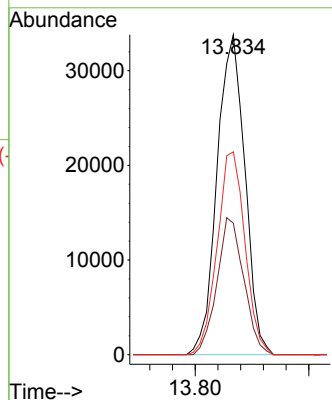
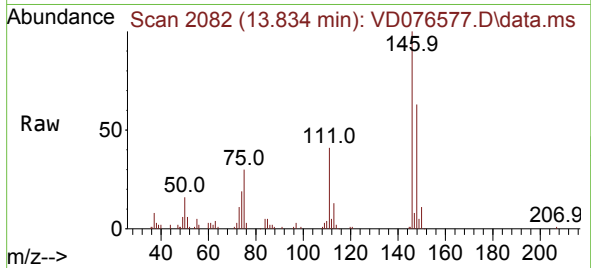




#91
1,2-Dichlorobenzene
Concen: 20.150 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD076577.D
Acq: 26 Jun 2023 13:27

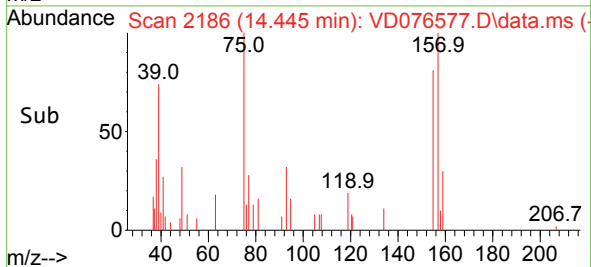
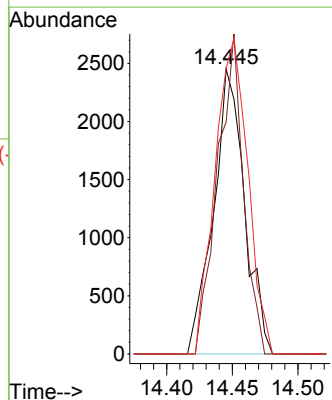
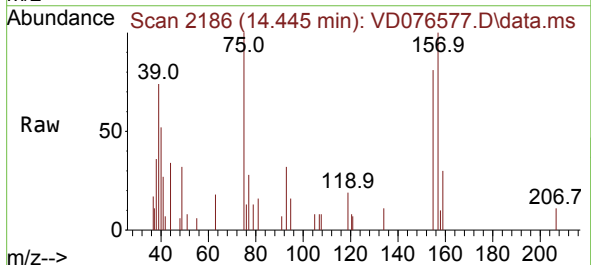
Instrument :
MSVOA_D
ClientSampleId :
VD0626SBS01

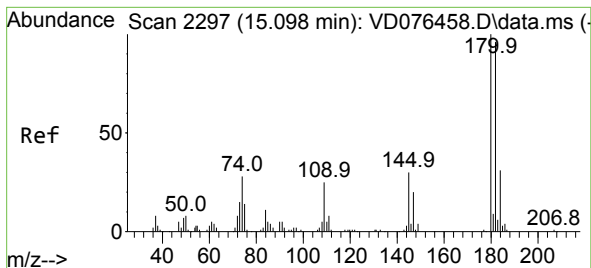
Tgt Ion:146 Resp: 57520
Ion Ratio Lower Upper
146 100
111 41.3 18.3 54.8
148 63.5 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.339 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VD076577.D
Acq: 26 Jun 2023 13:27

Tgt Ion: 75 Resp: 4049
Ion Ratio Lower Upper
75 100
155 93.5 47.9 143.8
157 116.9 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 19.393 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD076577.D

Acq: 26 Jun 2023 13:27

Instrument :

MSVOA_D

ClientSampleId :

VD0626SBS01

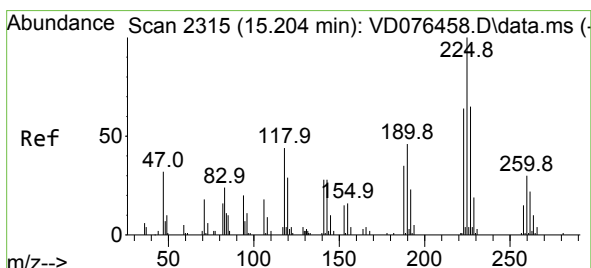
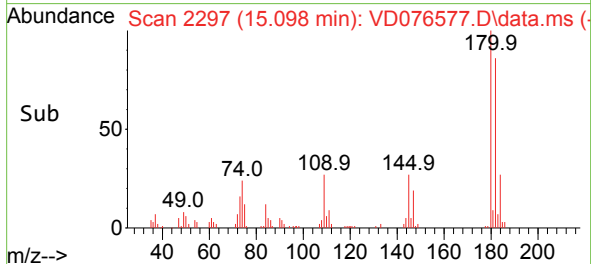
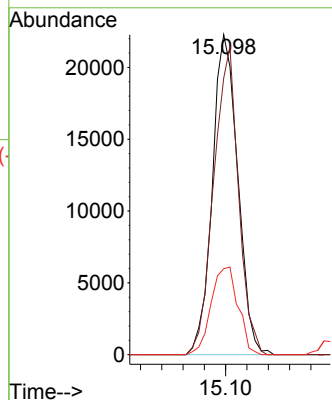
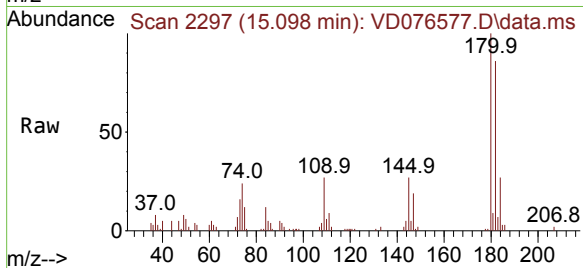
Tgt Ion:180 Resp: 36894

Ion Ratio Lower Upper

180 100

182 93.7 48.5 145.6

145 29.1 14.2 42.6



#94

Hexachlorobutadiene

Concen: 21.458 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD076577.D

Acq: 26 Jun 2023 13:27

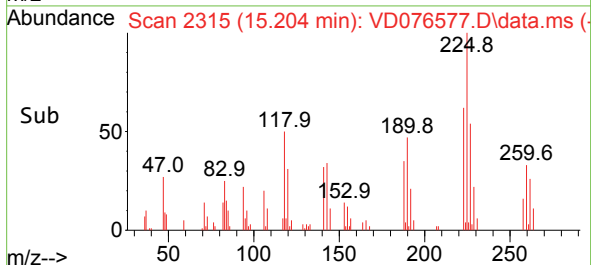
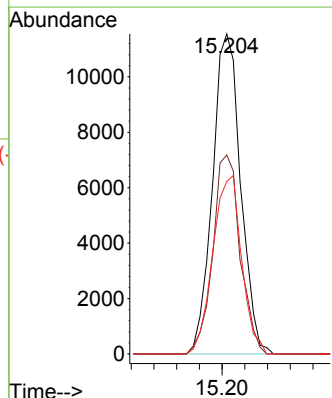
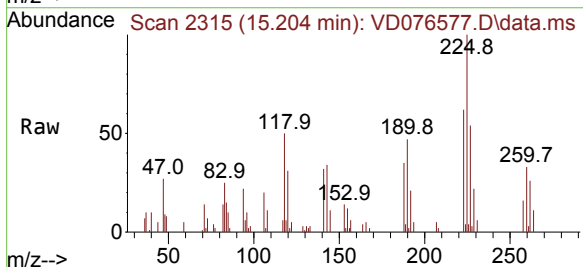
Tgt Ion:225 Resp: 19847

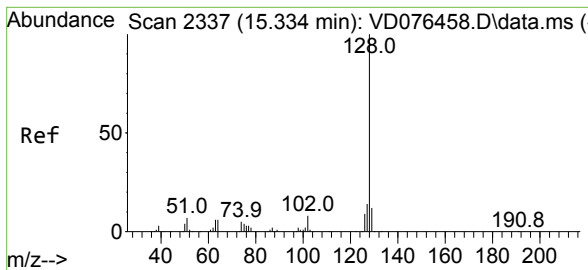
Ion Ratio Lower Upper

225 100

223 60.4 31.6 94.8

227 57.0 31.7 95.1

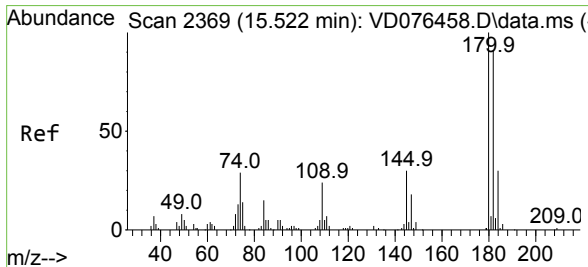
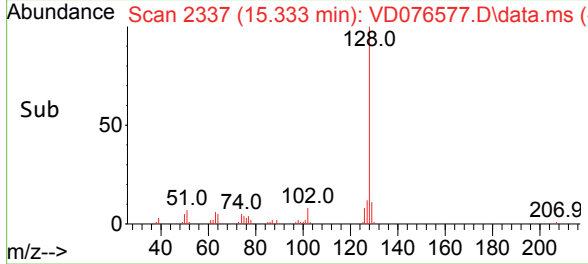
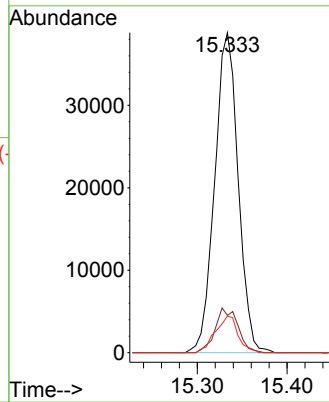
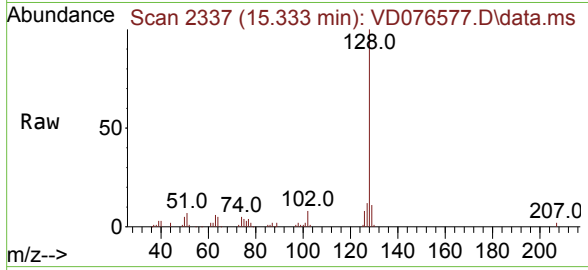




#95
Naphthalene
Concen: 18.510 ug/l
RT: 15.333 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VD076577.D
Acq: 26 Jun 2023 13:27

Instrument :
MSVOA_D
ClientSampleId :
VD0626SBS01

Tgt Ion:128	Resp:	70416
Ion Ratio	Lower	Upper
128	100	
127	11.7	10.5 15.7
129	11.5	8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.232 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD076577.D
Acq: 26 Jun 2023 13:27

Tgt Ion:180	Resp:	31877
Ion Ratio	Lower	Upper
180	100	
182	97.5	47.3 141.9
145	31.6	15.1 45.3

