

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100623\
 Data File : VD077276.D
 Acq On : 05 Oct 2023 15:36
 Operator : JC/SY
 Sample : VSTDIC010
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 06 07:39:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100623S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 07:36:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	166967	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	288679	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	274377	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	140696	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	19965	9.855	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	19.700%#
35) Dibromofluoromethane	7.804	113	23648	9.797	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	19.600%#
50) Toluene-d8	10.269	98	78538	9.159	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	18.320%#
62) 4-Bromofluorobenzene	12.575	95	25985	9.742	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	19.480%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	24207	11.249	ug/l	90
3) Chloromethane	2.146	50	38737	11.549	ug/l	93
4) Vinyl Chloride	2.281	62	48329	11.774	ug/l	90
5) Bromomethane	2.687	94	32828	11.320	ug/l	96
6) Chloroethane	2.828	64	30545	12.497	ug/l	98
7) Trichlorofluoromethane	3.169	101	46485	12.118	ug/l	97
8) Diethyl Ether	3.593	74	13074	10.499	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.958	101	29108	11.212	ug/l	99
10) Methyl Iodide	4.158	142	32410	10.132	ug/l #	87
11) Tert butyl alcohol	5.052	59	7628	55.216	ug/l #	73
12) 1,1-Dichloroethene	3.934	96	27559	10.876	ug/l	95
13) Acrolein	3.799	56	5065	52.317	ug/l	100
14) Allyl chloride	4.552	41	34203	10.402	ug/l	92
15) Acrylonitrile	5.252	53	29947	52.144	ug/l	97
16) Acetone	4.022	43	26970	52.363	ug/l #	86
17) Carbon Disulfide	4.269	76	92880	10.873	ug/l	98
18) Methyl Acetate	4.563	43	21930	10.649	ug/l	95
19) Methyl tert-butyl Ether	5.316	73	51542	9.803	ug/l	96
20) Methylene Chloride	4.799	84	54601	10.478	ug/l #	85
21) trans-1,2-Dichloroethene	5.305	96	32518	10.869	ug/l	95
22) Diisopropyl ether	6.216	45	71300	10.203	ug/l #	93
23) Vinyl Acetate	6.152	43	146264	51.194	ug/l	93
24) 1,1-Dichloroethane	6.116	63	55472	11.153	ug/l	94
25) 2-Butanone	7.081	43	37669	53.593	ug/l #	86
26) 2,2-Dichloropropane	7.075	77	45841	10.799	ug/l	97
27) cis-1,2-Dichloroethene	7.075	96	33473	10.438	ug/l	89
28) Bromochloromethane	7.422	49	22380	10.208	ug/l	82
29) Tetrahydrofuran	7.446	42	20554	51.081	ug/l	86
30) Chloroform	7.593	83	57038	11.032	ug/l	95
31) Cyclohexane	7.881	56	43499	10.561	ug/l	93
32) 1,1,1-Trichloroethane	7.793	97	48503	10.975	ug/l	96
36) 1,1-Dichloropropene	8.004	75	40968	10.182	ug/l	96
37) Ethyl Acetate	7.169	43	17334	10.820	ug/l #	88
38) Carbon Tetrachloride	7.987	117	38527	10.346	ug/l	96
39) Methylcyclohexane	9.275	83	43469	9.436	ug/l #	85
40) Benzene	8.251	78	124258	10.366	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	7740	9.426	ug/l #	88
42) 1,2-Dichloroethane	8.328	62	30435	10.711	ug/l	99
43) Isopropyl Acetate	8.363	43	28856	10.211	ug/l #	75
44) Trichloroethene	9.022	130	32995	10.754	ug/l	96
45) 1,2-Dichloropropane	9.304	63	31217	10.586	ug/l	98
46) Dibromomethane	9.393	93	18104	11.008	ug/l	91
47) Bromodichloromethane	9.581	83	40963	10.745	ug/l	96
48) Methyl methacrylate	9.375	41	12423	9.489	ug/l	88
49) 1,4-Dioxane	9.375	88	3192	194.959	ug/l #	87
51) 4-Methyl-2-Pentanone	10.157	43	72817	49.653	ug/l	89
52) Toluene	10.334	92	74318	10.113	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	37251	10.216	ug/l	98
54) cis-1,3-Dichloropropene	10.010	75	43608	9.964	ug/l #	92
55) 1,1,2-Trichloroethane	10.728	97	24463	10.904	ug/l	95
56) Ethyl methacrylate	10.598	69	21830	8.923	ug/l #	86
57) 1,3-Dichloropropane	10.875	76	37355	10.186	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	27635	52.931	ug/l	98
59) 2-Hexanone	10.922	43	50800	48.379	ug/l	85
60) Dibromochloromethane	11.075	129	26862	10.460	ug/l	100
61) 1,2-Dibromoethane	11.181	107	21414	10.260	ug/l	96
64) Tetrachloroethene	10.810	164	27953	11.113	ug/l	97
65) Chlorobenzene	11.604	112	81107	10.489	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	28509	10.461	ug/l	98
67) Ethyl Benzene	11.681	91	133699	9.708	ug/l	98
68) m/p-Xylenes	11.792	106	106113	19.824	ug/l	91
69) o-Xylene	12.122	106	46459	9.553	ug/l	91
70) Styrene	12.134	104	80595	9.646	ug/l	96
71) Bromoform	12.298	173	17278	11.415	ug/l #	95
73) Isopropylbenzene	12.422	105	120894	9.497	ug/l	97
74) N-amyl acetate	12.234	43	25679	9.823	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.675	83	26092	10.315	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	32246	23.291	ug/l #	100
77) Bromobenzene	12.698	156	31302	10.536	ug/l	93
78) n-propylbenzene	12.763	91	153611	9.612	ug/l	96
79) 2-Chlorotoluene	12.851	91	85645	9.958	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	103203	9.810	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	8659	10.555	ug/l	96
82) 4-Chlorotoluene	12.945	91	92733	10.237	ug/l	93
83) tert-Butylbenzene	13.169	119	87638	9.773	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	100412	9.547	ug/l	95
85) sec-Butylbenzene	13.345	105	134916	9.811	ug/l	95
86) p-Isopropyltoluene	13.463	119	109138	9.554	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	63593	10.311	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	66607	10.916	ug/l	96
89) n-Butylbenzene	13.786	91	105991	9.631	ug/l	95
90) Hexachloroethane	14.051	117	24647	10.776	ug/l	90
91) 1,2-Dichlorobenzene	13.828	146	56292	10.694	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3654	11.156	ug/l	97
93) 1,2,4-Trichlorobenzene	15.098	180	30515	9.648	ug/l	98
94) Hexachlorobutadiene	15.204	225	17999	10.800	ug/l	97
95) Naphthalene	15.333	128	56961	9.360	ug/l	95
96) 1,2,3-Trichlorobenzene	15.522	180	28232	10.034	ug/l	97

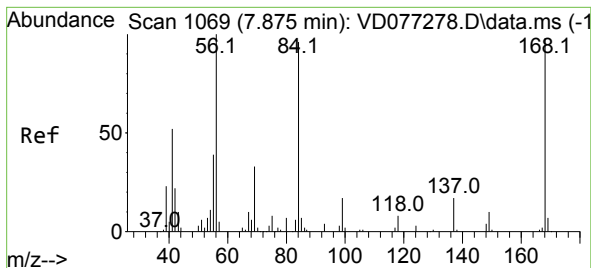
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD077276.D

Acq: 05 Oct 2023 15:36

Instrument :

MSVOA_D

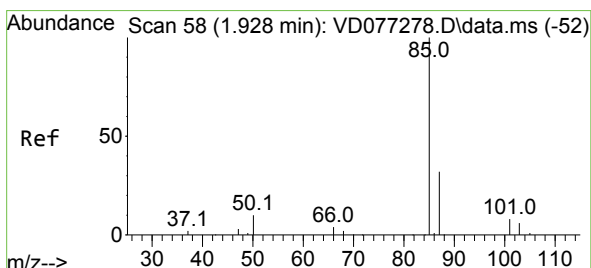
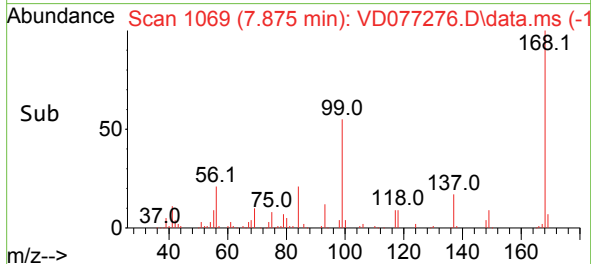
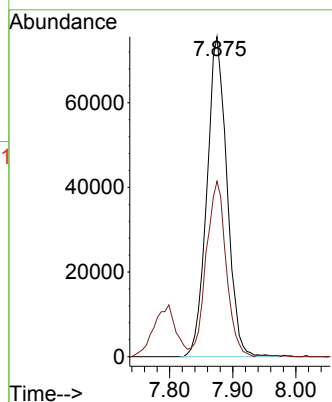
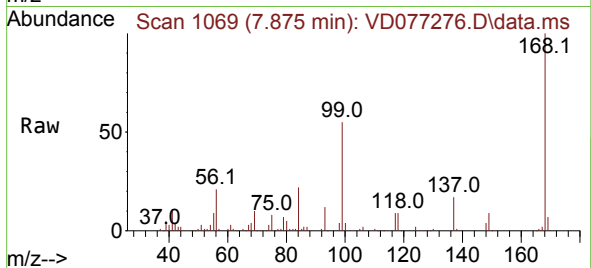
ClientSampleId :

Tgt Ion:168 Resp: 166967

Ion Ratio Lower Upper

168 100

99 54.5 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 11.249 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.006 min

Lab File: VD077276.D

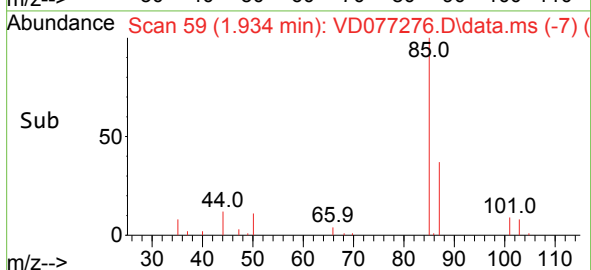
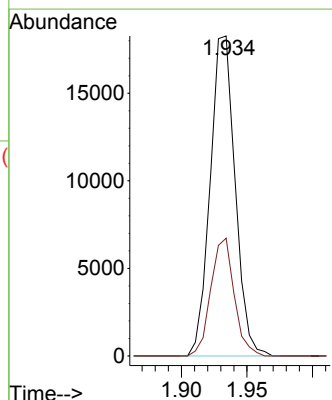
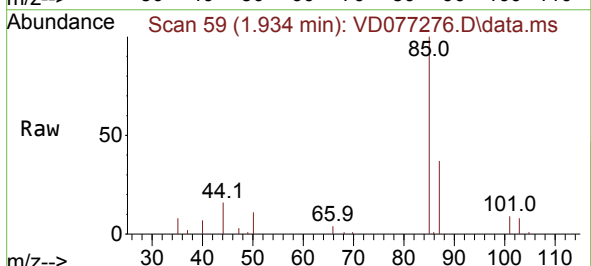
Acq: 05 Oct 2023 15:36

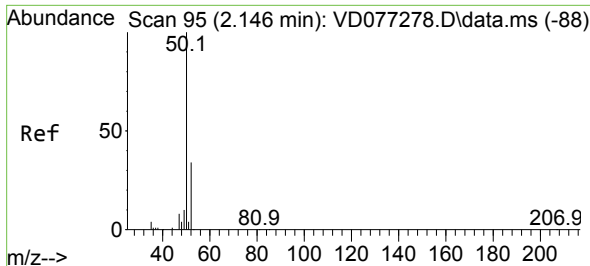
Tgt Ion: 85 Resp: 24207

Ion Ratio Lower Upper

85 100

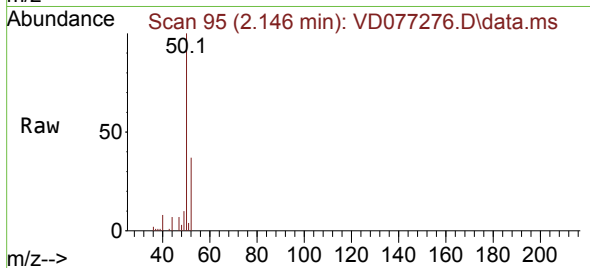
87 36.8 15.7 47.0



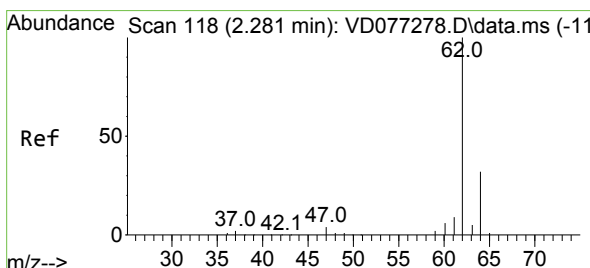
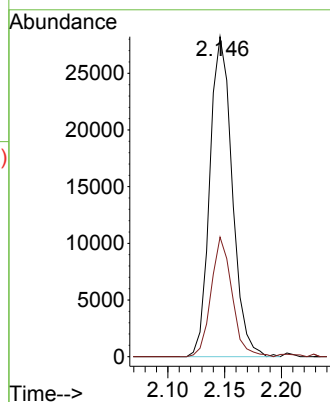
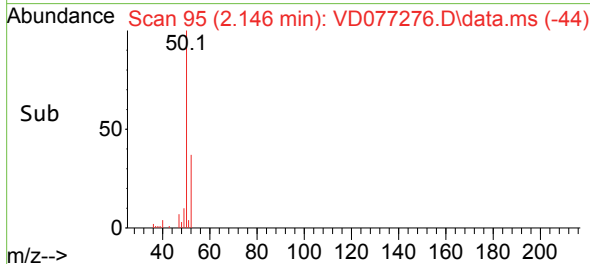


#3
Chloromethane
Concen: 11.549 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077276.D
Acq: 05 Oct 2023 15:36

Instrument :
MSVOA_D
ClientSampleId :

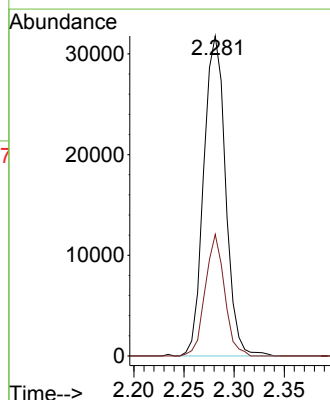
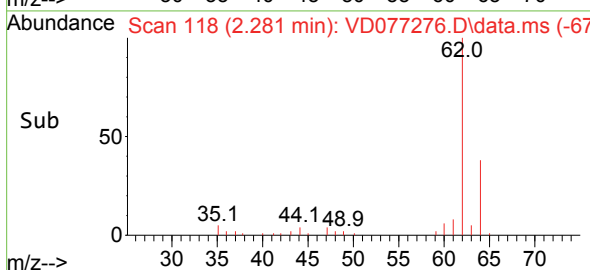
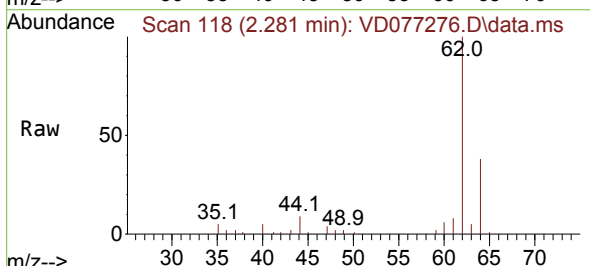


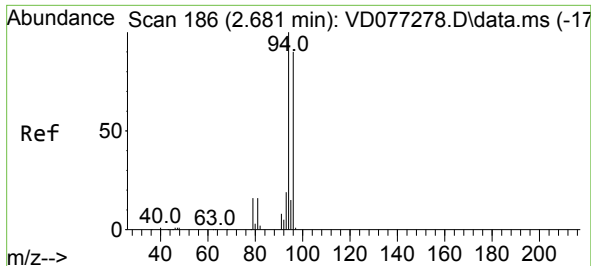
Tgt Ion: 50 Resp: 38737
Ion Ratio Lower Upper
50 100
52 37.4 26.6 40.0



#4
Vinyl Chloride
Concen: 11.774 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.000 min
Lab File: VD077276.D
Acq: 05 Oct 2023 15:36

Tgt Ion: 62 Resp: 48329
Ion Ratio Lower Upper
62 100
64 38.0 26.0 39.0





#5

Bromomethane

Concen: 11.320 ug/l

RT: 2.687 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077276.D

Acq: 05 Oct 2023 15:36

Instrument :

MSVOA_D

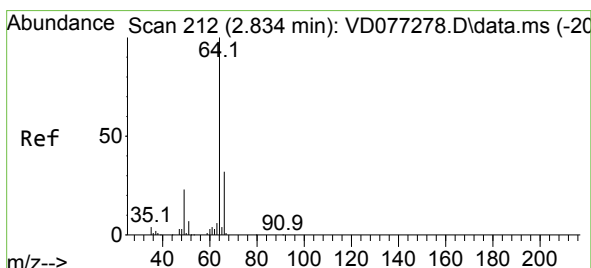
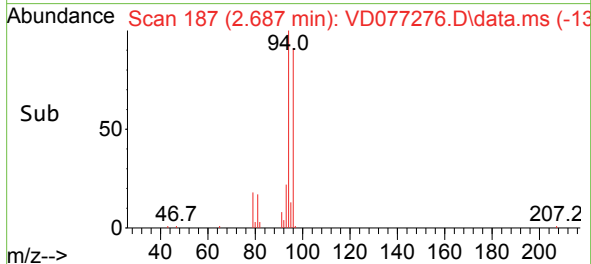
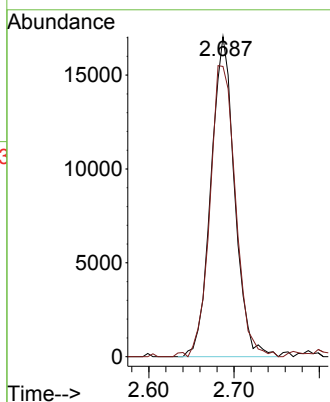
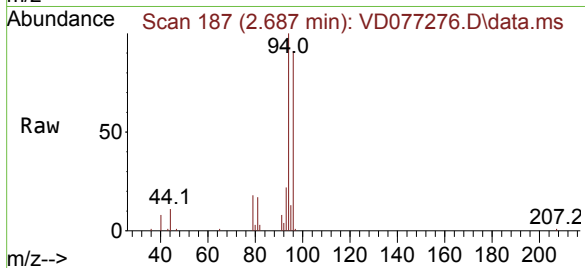
ClientSampleId :

Tgt Ion: 94 Resp: 32828

Ion Ratio Lower Upper

94 100

96 98.7 75.8 113.8



#6

Chloroethane

Concen: 12.497 ug/l

RT: 2.828 min Scan# 211

Delta R.T. -0.006 min

Lab File: VD077276.D

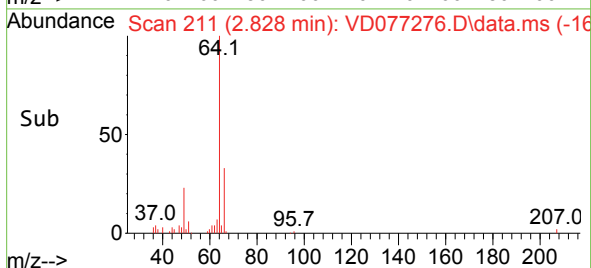
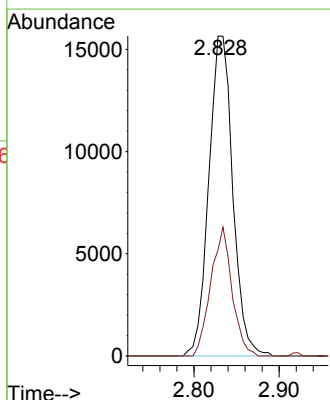
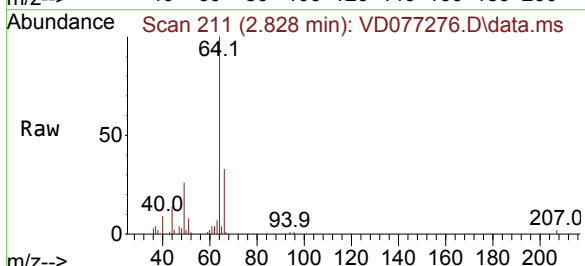
Acq: 05 Oct 2023 15:36

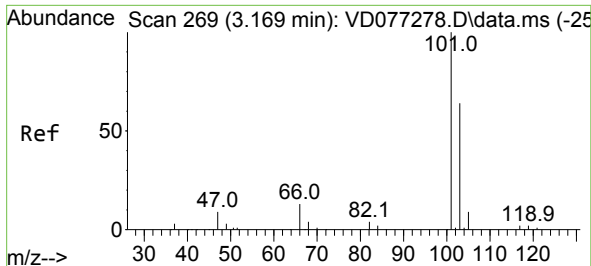
Tgt Ion: 64 Resp: 30545

Ion Ratio Lower Upper

64 100

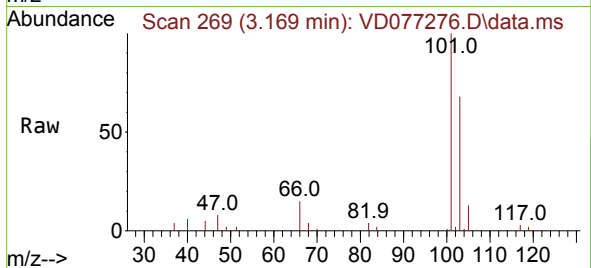
66 33.2 25.5 38.3



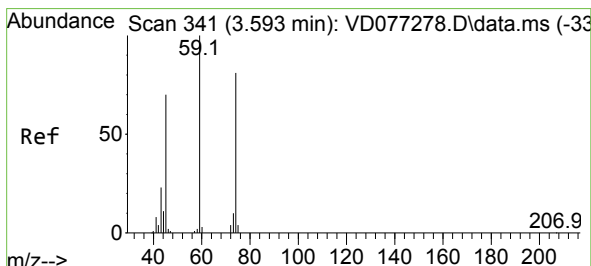
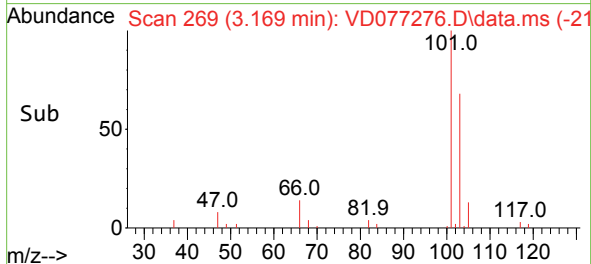
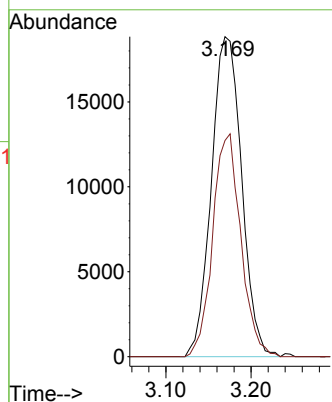


#7
 Trichlorofluoromethane
 Concen: 12.118 ug/l
 RT: 3.169 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD077276.D
 Acq: 05 Oct 2023 15:36

Instrument :
 MSVOA_D
 ClientSampleId :

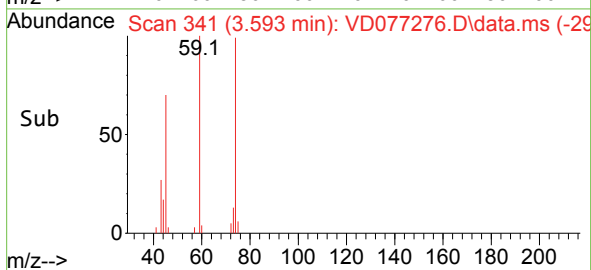
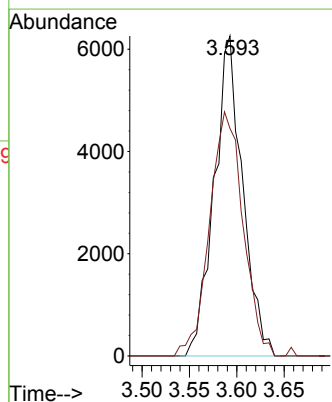
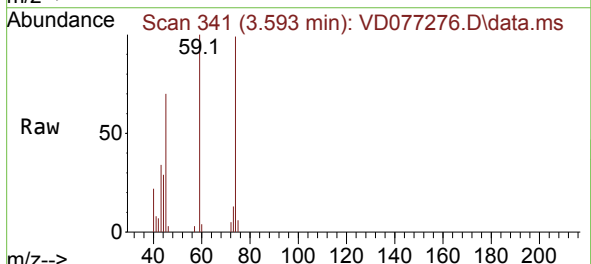


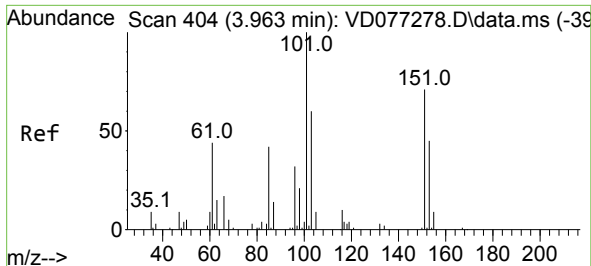
Tgt Ion:101 Resp: 46485
 Ion Ratio Lower Upper
 101 100
 103 67.5 52.3 78.5



#8
 Diethyl Ether
 Concen: 10.499 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VD077276.D
 Acq: 05 Oct 2023 15:36

Tgt Ion: 74 Resp: 13074
 Ion Ratio Lower Upper
 74 100
 45 89.9 37.5 112.7

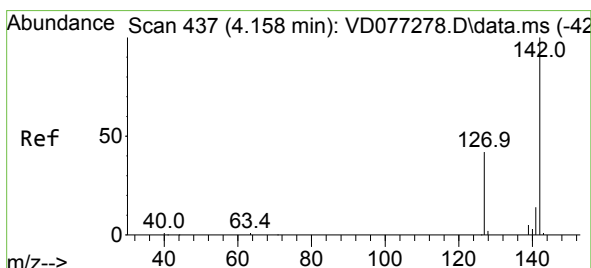
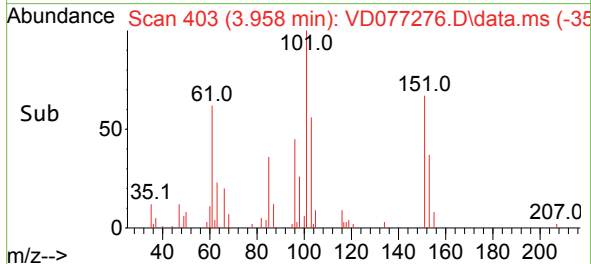
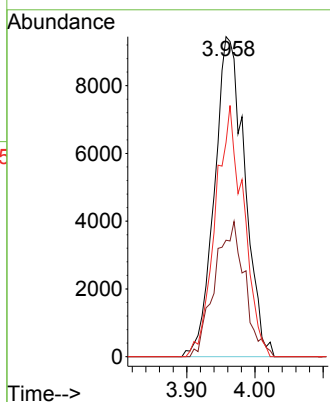
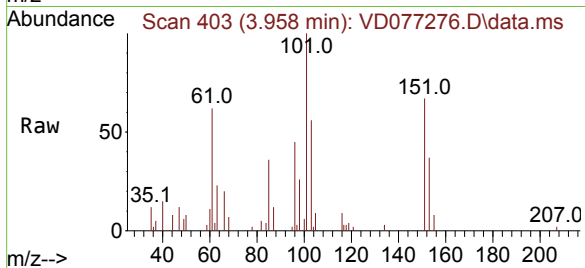




#9
1,1,2-Trichlorotrifluoroethane
Concen: 11.212 ug/l
RT: 3.958 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD077276.D
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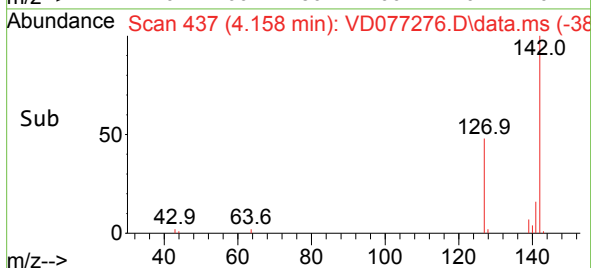
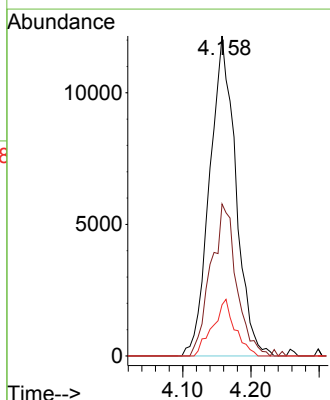
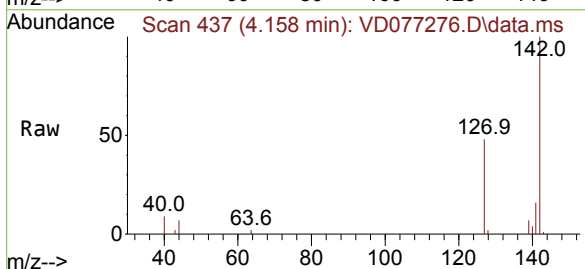
Instrument :
MSVOA_D
ClientSampleId :

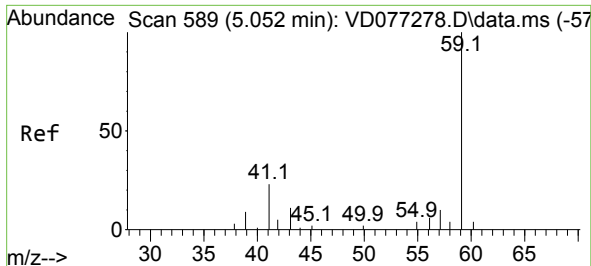
Tgt Ion:	101	Resp:	29108
Ion	Ratio	Lower	Upper
101	100		
85	42.0	33.8	50.6
151	73.5	59.8	89.6



#10
Methyl Iodide
Concen: 10.132 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD077276.D
Acq: 05 Oct 2023 15:36

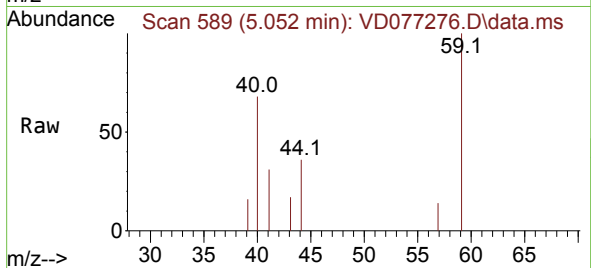
Tgt Ion:	142	Resp:	32410
Ion	Ratio	Lower	Upper
142	100		
127	46.6	29.4	44.0#
141	15.1	11.1	16.7



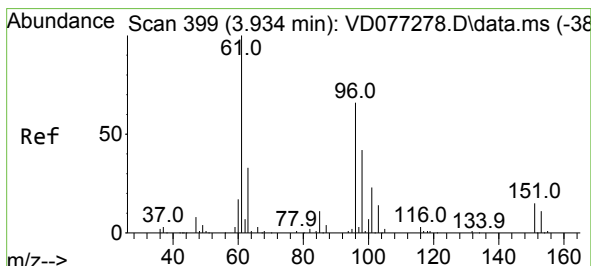
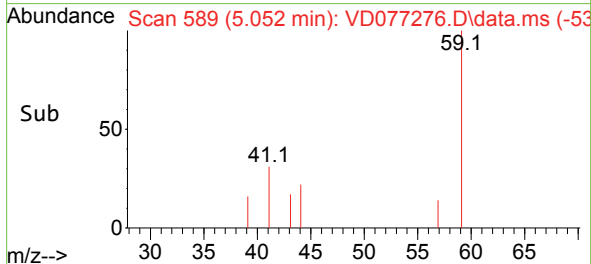
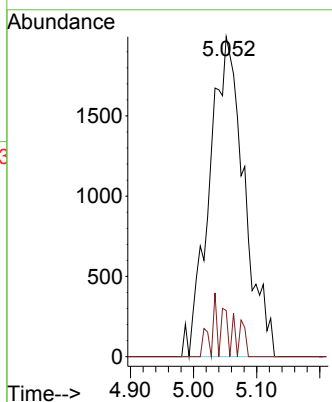


#11
Tert butyl alcohol
Concen: 55.216 ug/l
RT: 5.052 min Scan# 589
Delta R.T. -0.000 min
Lab File: VD077276.D
Acq: 05 Oct 2023 15:36

Instrument :
MSVOA_D
ClientSampleId :

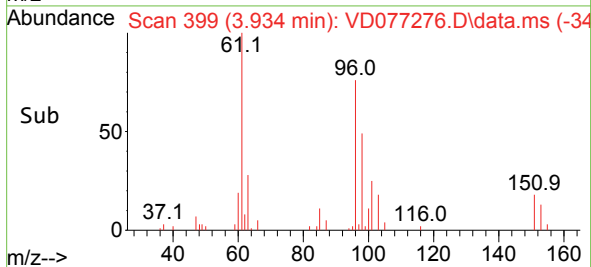
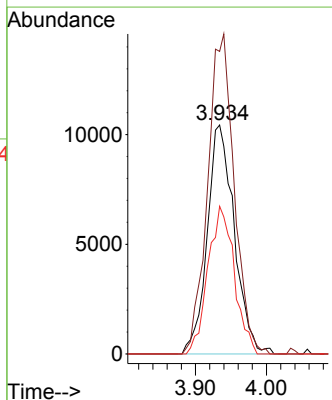
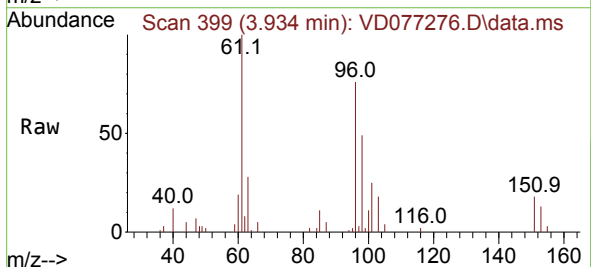


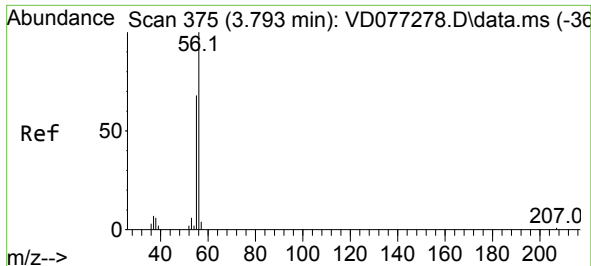
Tgt Ion: 59 Resp: 7628
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 10.876 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.000 min
Lab File: VD077276.D
Acq: 05 Oct 2023 15:36

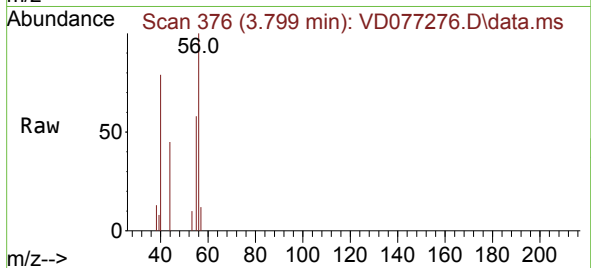
Tgt Ion: 96 Resp: 27559
Ion Ratio Lower Upper
96 100
61 132.2 100.6 150.8
98 64.5 50.2 75.2



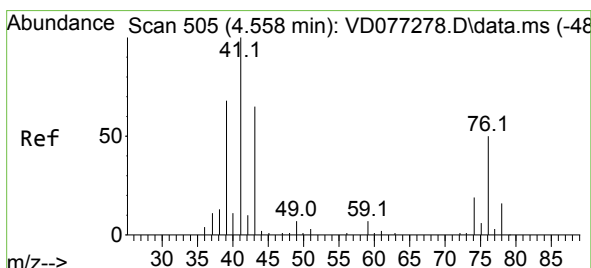
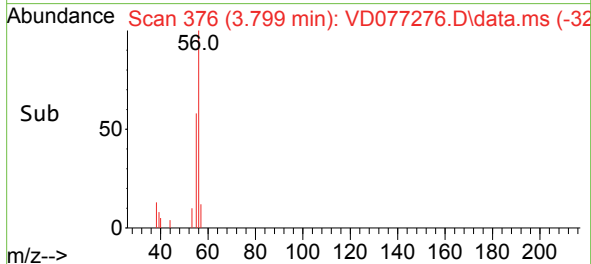
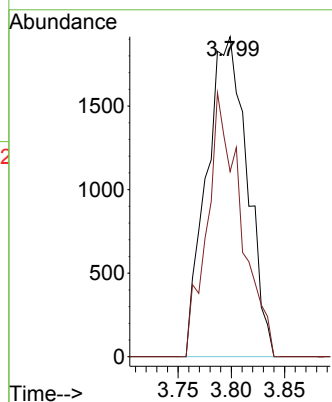


#13
Acrolein
Concen: 52.317 ug/l
RT: 3.799 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD077276.D
Acq: 05 Oct 2023 15:36

Instrument :
MSVOA_D
ClientSampleId :

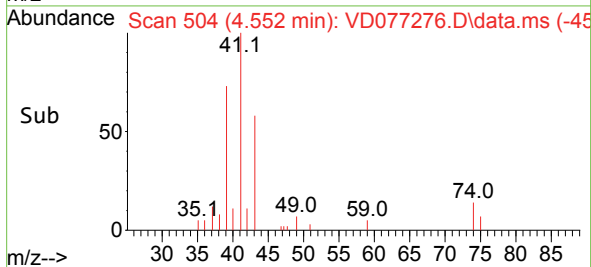
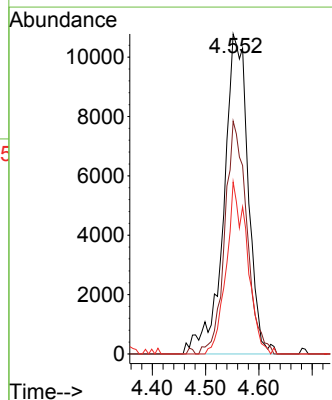
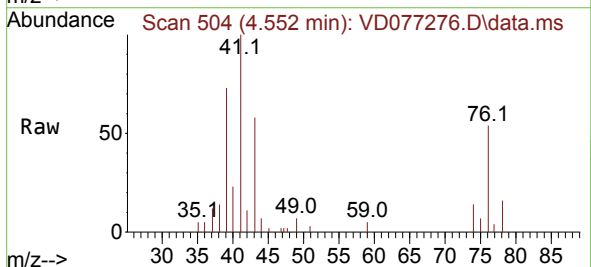


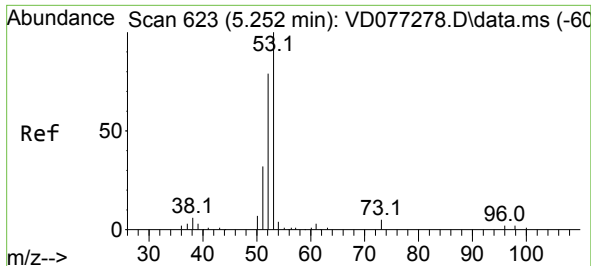
Tgt Ion: 56 Resp: 5065
Ion Ratio Lower Upper
56 100
55 69.0 55.1 82.7



#14
Allyl chloride
Concen: 10.402 ug/l
RT: 4.552 min Scan# 504
Delta R.T. -0.006 min
Lab File: VD077276.D
Acq: 05 Oct 2023 15:36

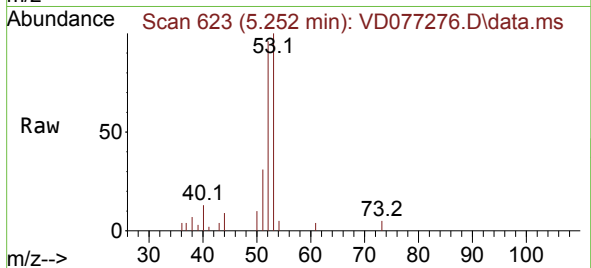
Tgt Ion: 41 Resp: 34203
Ion Ratio Lower Upper
41 100
39 65.5 53.8 80.6
76 46.5 45.8 68.8



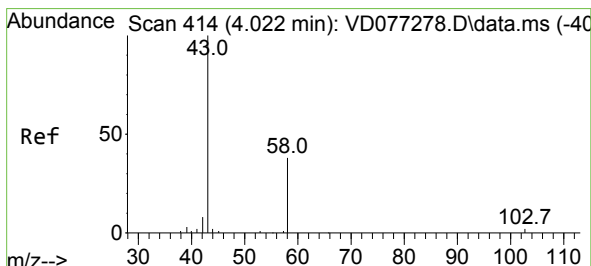
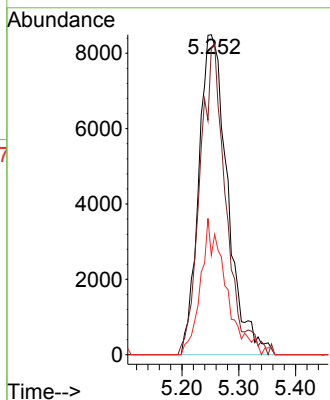
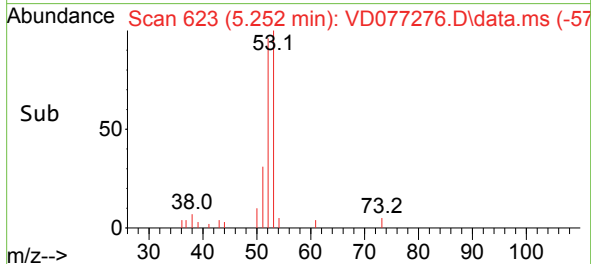


#15
Acrylonitrile
Concen: 52.144 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD077276.D
Acq: 05 Oct 2023 15:36

Instrument :
MSVOA_D
ClientSampleId :

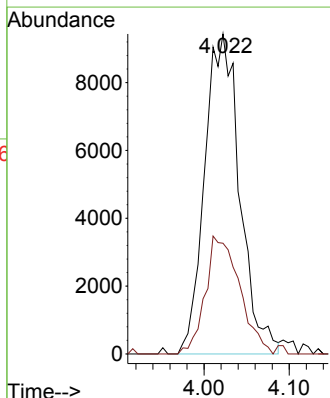
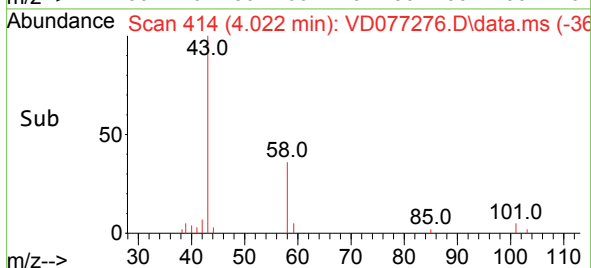
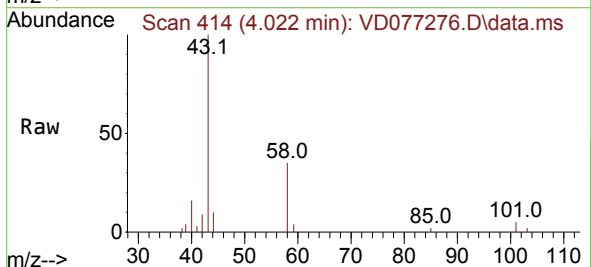


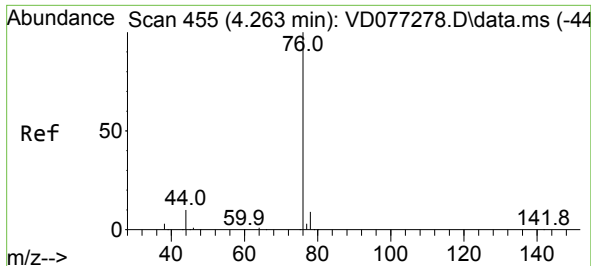
Tgt Ion:	53	Resp:	29947
Ion	Ratio	Lower	Upper
53	100		
52	83.5	65.0	97.4
51	37.0	28.3	42.5



#16
Acetone
Concen: 52.363 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD077276.D
Acq: 05 Oct 2023 15:36

Tgt Ion:	43	Resp:	26970
Ion	Ratio	Lower	Upper
43	100		
58	34.6	34.7	52.1#





#17

Carbon Disulfide

Concen: 10.873 ug/l

RT: 4.269 min Scan# 455

Delta R.T. 0.006 min

Lab File: VD077276.D

Acq: 05 Oct 2023 15:36

Instrument :

MSVOA_D

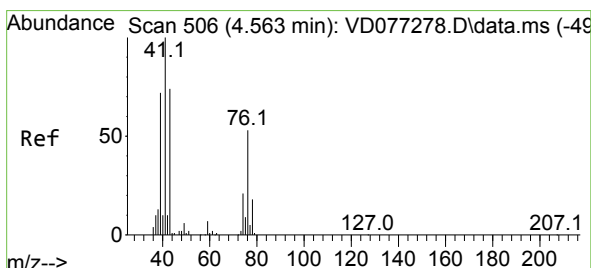
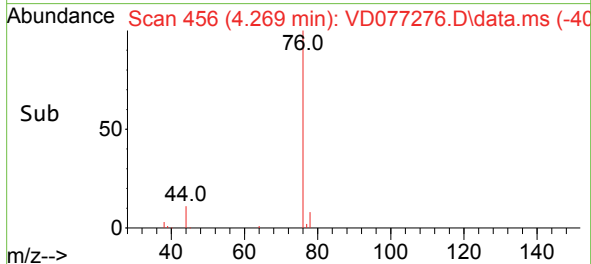
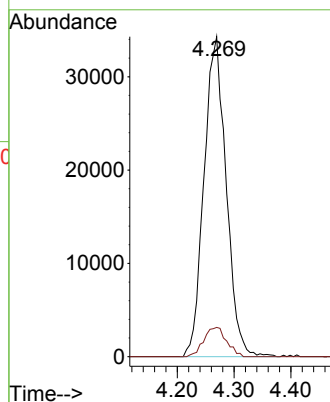
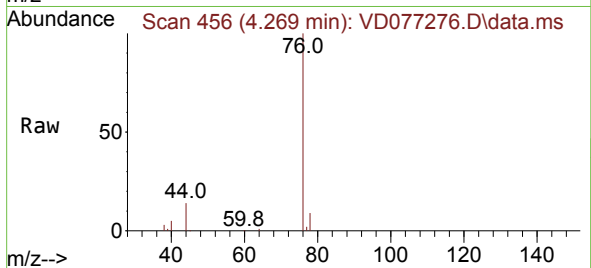
ClientSampleId :

Tgt Ion: 76 Resp: 92880

Ion Ratio Lower Upper

76 100

78 9.1 6.8 10.2



#18

Methyl Acetate

Concen: 10.649 ug/l

RT: 4.563 min Scan# 506

Delta R.T. -0.000 min

Lab File: VD077276.D

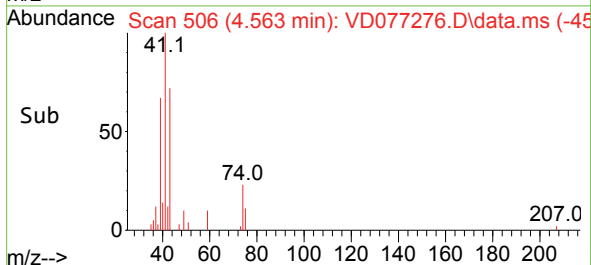
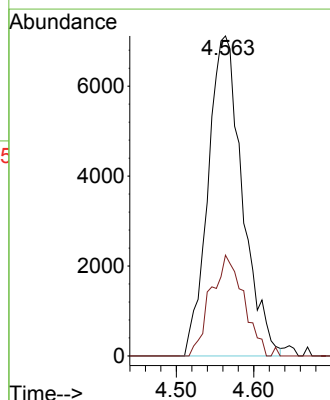
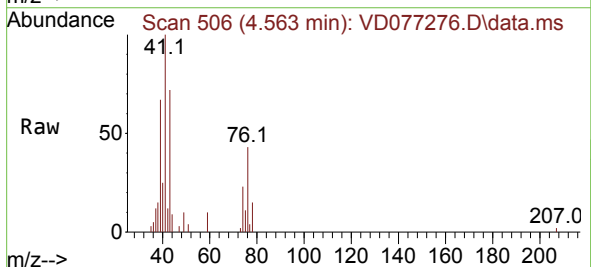
Acq: 05 Oct 2023 15:36

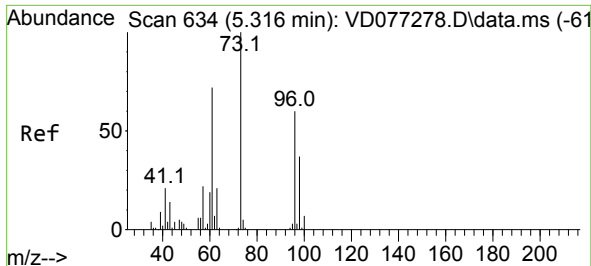
Tgt Ion: 43 Resp: 21930

Ion Ratio Lower Upper

43 100

74 30.0 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 9.803 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.000 min

Lab File: VD077276.D

Acq: 05 Oct 2023 15:36

Instrument :

MSVOA_D

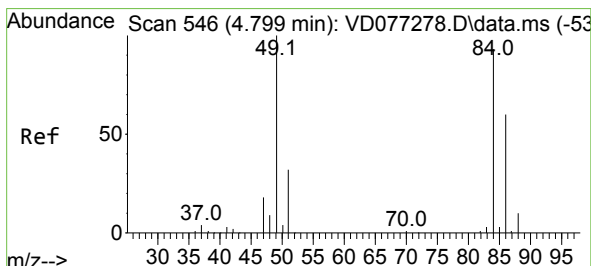
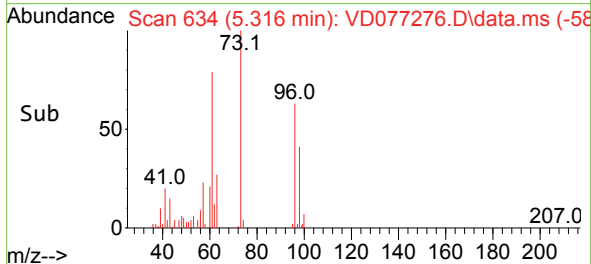
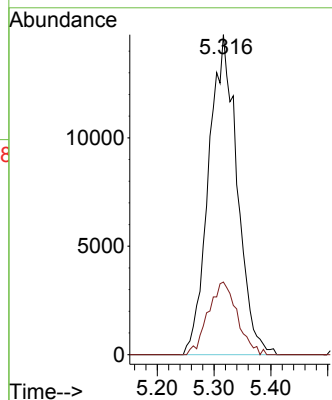
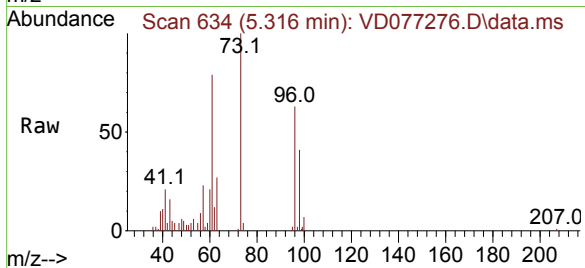
ClientSampleId :

Tgt Ion: 73 Resp: 51542

Ion Ratio Lower Upper

73 100

57 22.7 16.6 25.0



#20

Methylene Chloride

Concen: 10.478 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD077276.D

Acq: 05 Oct 2023 15:36

Tgt Ion: 84 Resp: 54601

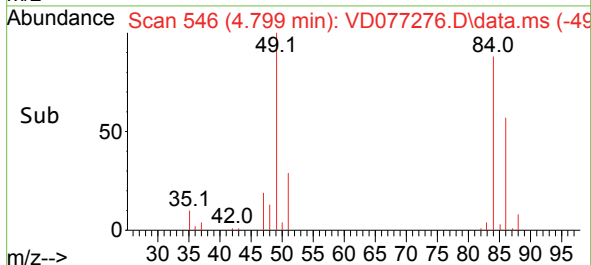
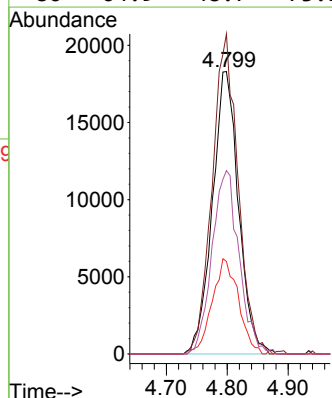
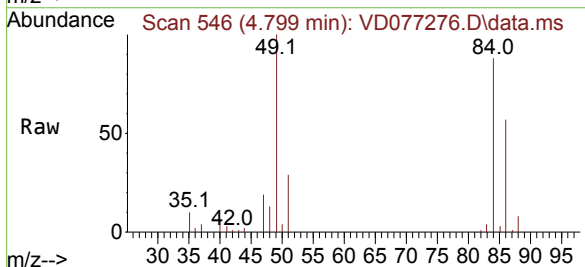
Ion Ratio Lower Upper

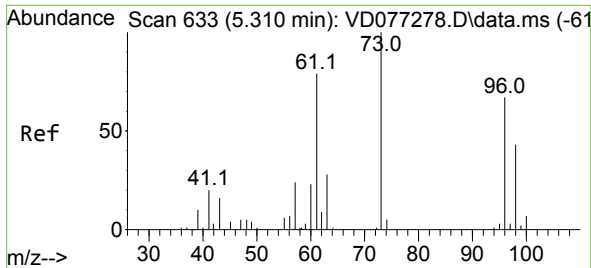
84 100

49 113.3 71.4 107.2#

51 32.8 24.5 36.7

86 64.9 48.7 73.1

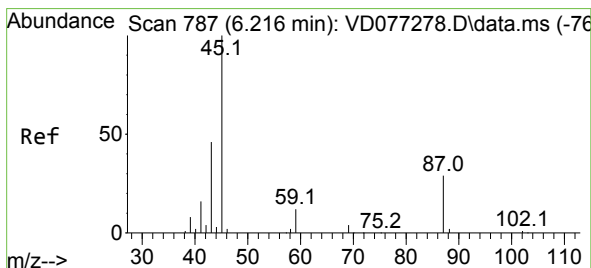
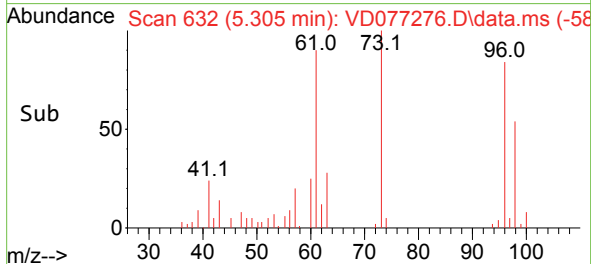
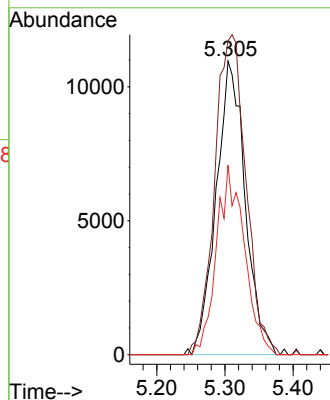
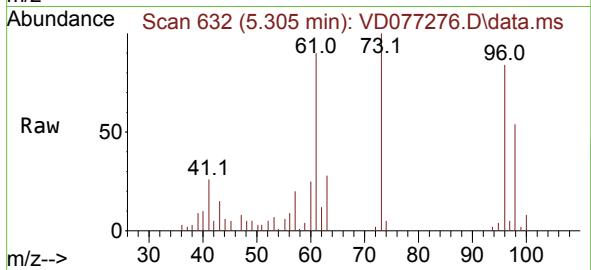




#21
trans-1,2-Dichloroethene
Concen: 10.869 ug/l
RT: 5.305 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD077276.D
Acq: 05 Oct 2023 15:36

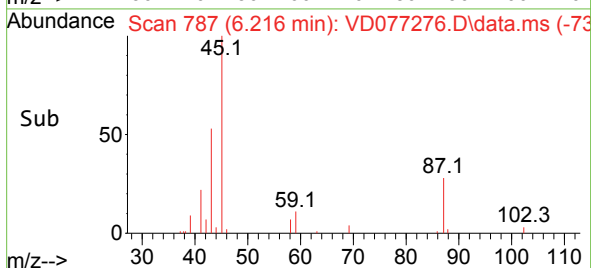
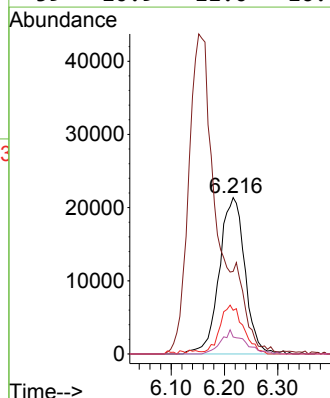
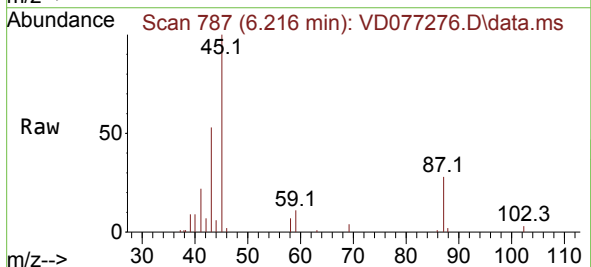
Instrument :
MSVOA_D
ClientSampleId :

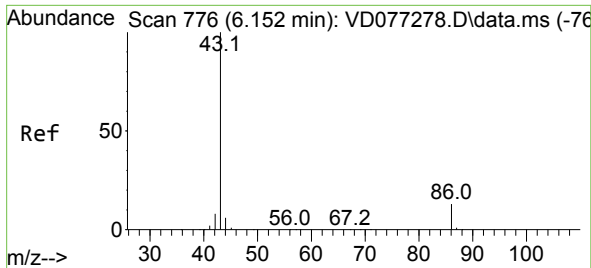
Tgt Ion: 96 Resp: 32518
Ion Ratio Lower Upper
96 100
61 106.9 89.3 133.9
98 64.6 48.6 73.0



#22
Diisopropyl ether
Concen: 10.203 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.000 min
Lab File: VD077276.D
Acq: 05 Oct 2023 15:36

Tgt Ion: 45 Resp: 71300
Ion Ratio Lower Upper
45 100
43 51.6 40.0 60.0
87 28.0 28.2 42.4#
59 10.9 11.0 16.4#

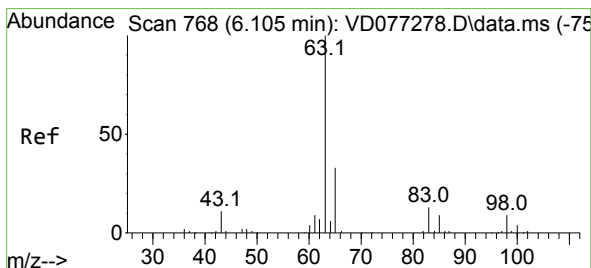
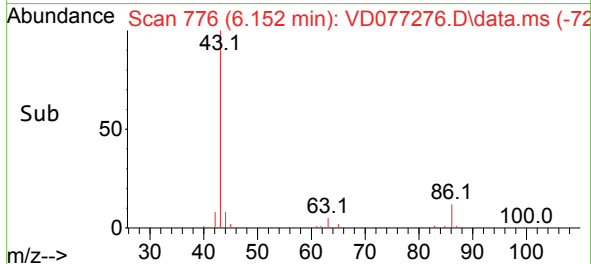
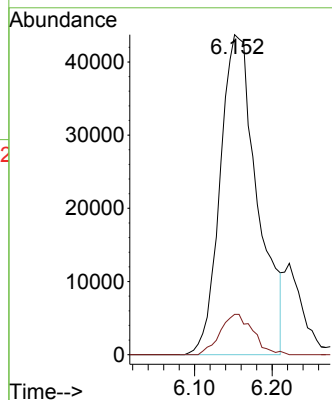
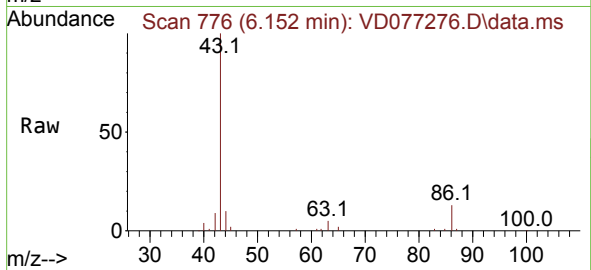




#23
 Vinyl Acetate
 Concen: 51.194 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD077276.D
 Acq: 05 Oct 2023 15:36

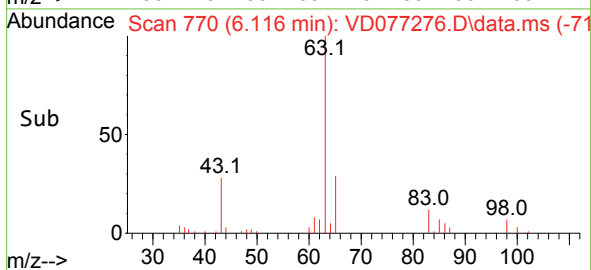
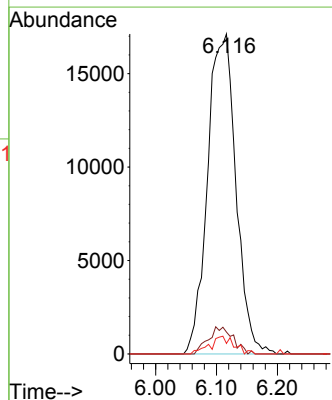
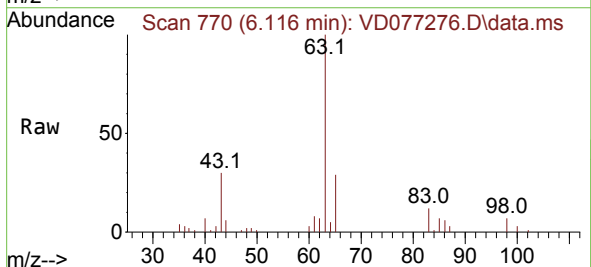
Instrument :
 MSVOA_D
 ClientSampleId :

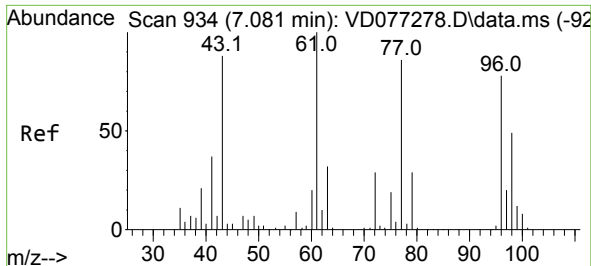
Tgt Ion: 43 Resp: 146264
 Ion Ratio Lower Upper
 43 100
 86 12.6 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 11.153 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.012 min
 Lab File: VD077276.D
 Acq: 05 Oct 2023 15:36

Tgt Ion: 63 Resp: 55472
 Ion Ratio Lower Upper
 63 100
 98 6.9 4.5 13.7
 100 3.3 2.5 7.5





#25

2-Butanone

Concen: 53.593 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD077276.D

Acq: 05 Oct 2023 15:36

Instrument :

MSVOA_D

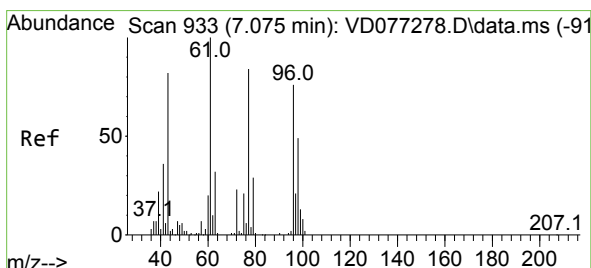
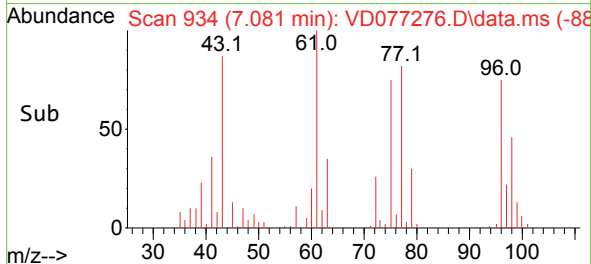
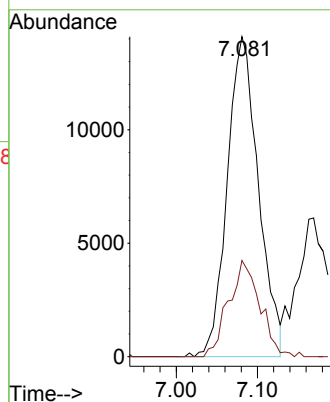
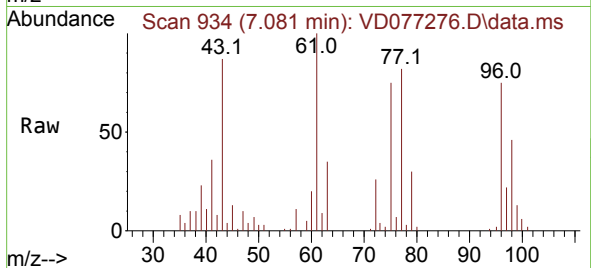
ClientSampleId :

Tgt Ion: 43 Resp: 37669

Ion Ratio Lower Upper

43 100

72 30.0 30.7 46.1#



#26

2,2-Dichloropropane

Concen: 10.799 ug/l

RT: 7.075 min Scan# 933

Delta R.T. -0.000 min

Lab File: VD077276.D

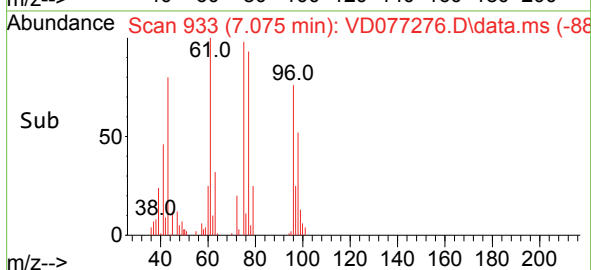
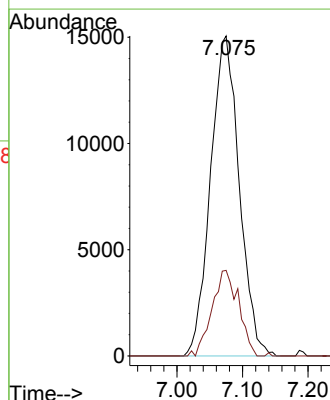
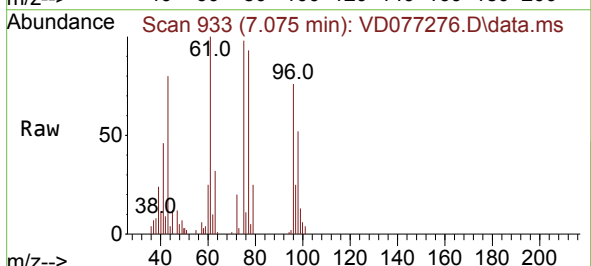
Acq: 05 Oct 2023 15:36

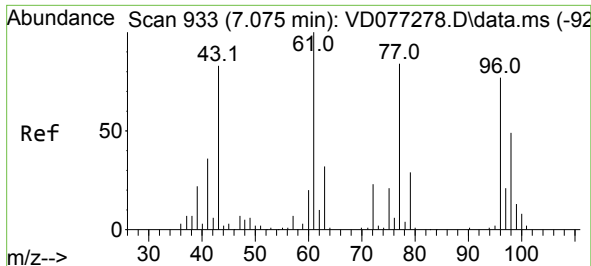
Tgt Ion: 77 Resp: 45841

Ion Ratio Lower Upper

77 100

97 24.8 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 10.438 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD077276.D

Acq: 05 Oct 2023 15:36

Instrument :

MSVOA_D

ClientSampleId :

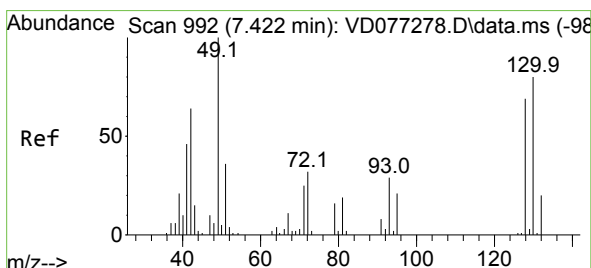
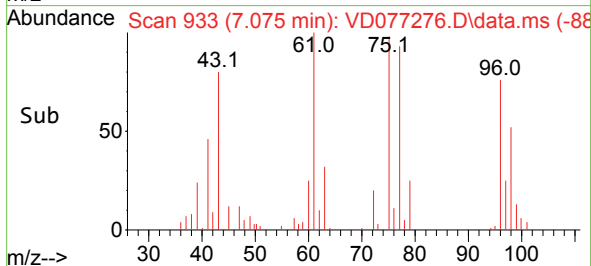
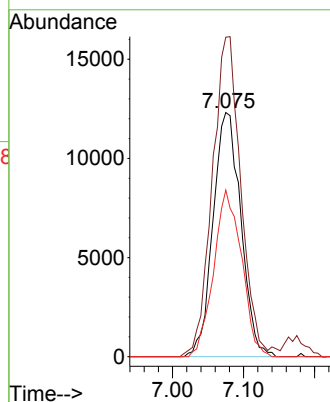
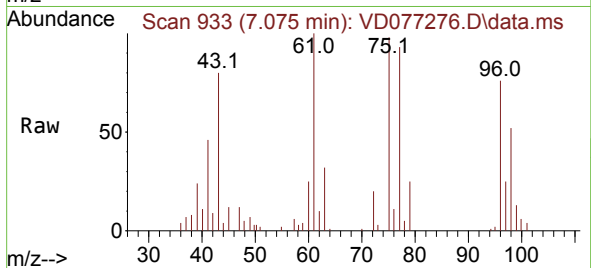
Tgt Ion: 96 Resp: 33473

Ion Ratio Lower Upper

96 100

61 134.8 0.0 239.2

98 68.3 0.0 128.6



#28

Bromochloromethane

Concen: 10.208 ug/l

RT: 7.422 min Scan# 992

Delta R.T. 0.000 min

Lab File: VD077276.D

Acq: 05 Oct 2023 15:36

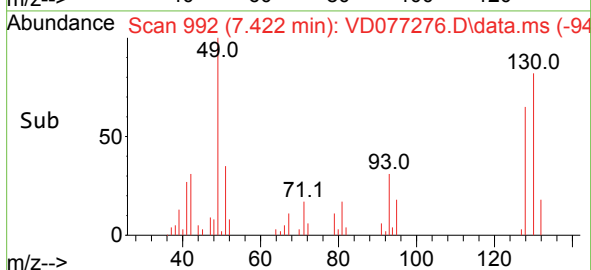
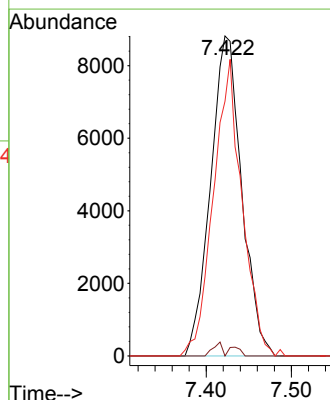
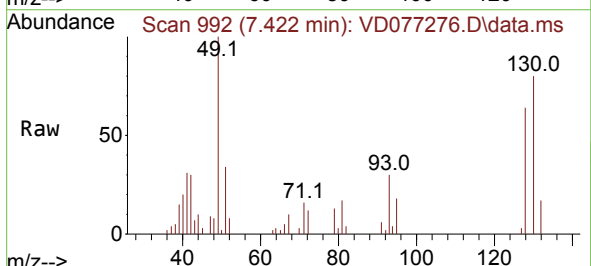
Tgt Ion: 49 Resp: 22380

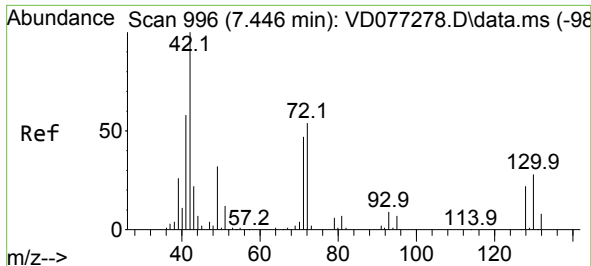
Ion Ratio Lower Upper

49 100

129 1.0 0.0 6.0

130 85.2 83.2 124.8





#29

Tetrahydrofuran

Concen: 51.081 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

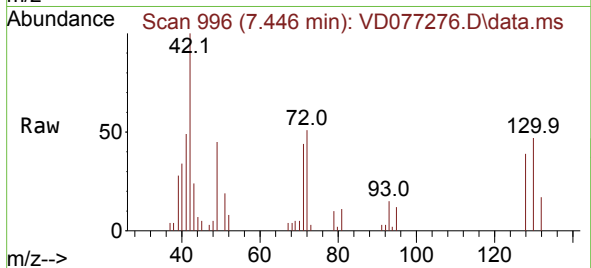
Lab File: VD077276.D

Acq: 05 Oct 2023 15:36

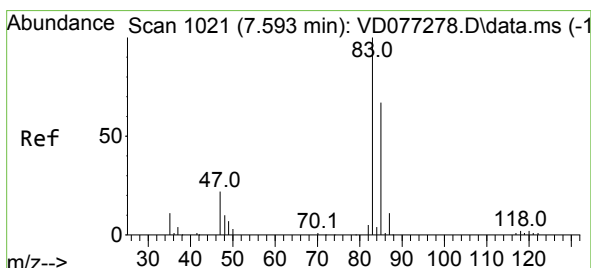
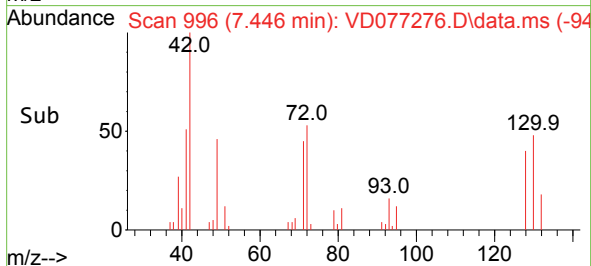
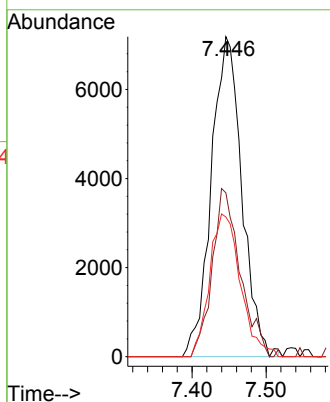
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	42	Resp:	20554
Ion Ratio	Lower	Upper	
42	100		
72	48.1	46.5	69.7
71	45.1	44.5	66.7



#30

Chloroform

Concen: 11.032 ug/l

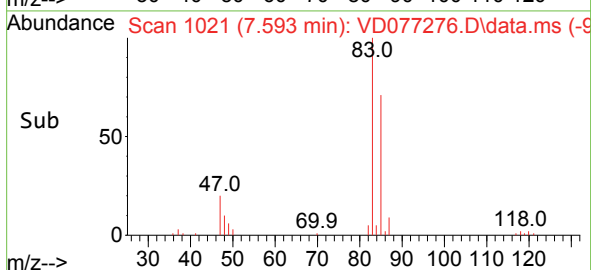
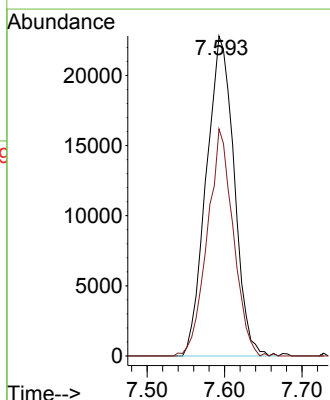
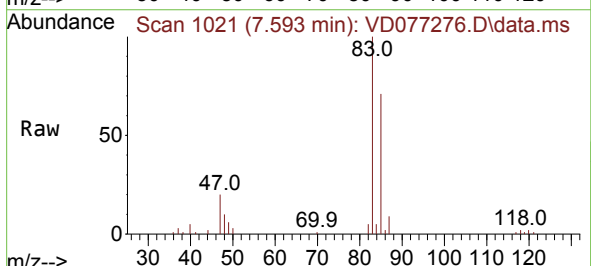
RT: 7.593 min Scan# 1021

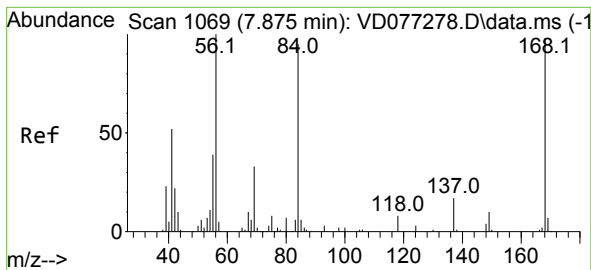
Delta R.T. -0.000 min

Lab File: VD077276.D

Acq: 05 Oct 2023 15:36

Tgt Ion:	83	Resp:	57038
Ion Ratio	Lower	Upper	
83	100		
85	71.0	53.4	80.2





#31

Cyclohexane

Concen: 10.561 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.006 min

Lab File: VD077276.D

Acq: 05 Oct 2023 15:36

Instrument :

MSVOA_D

ClientSampleId :

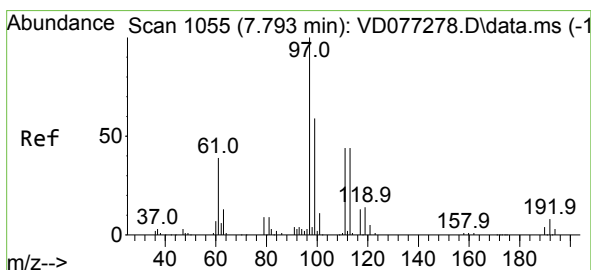
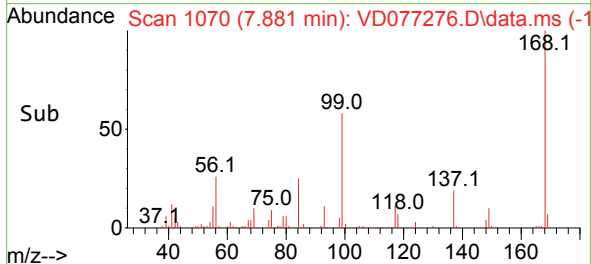
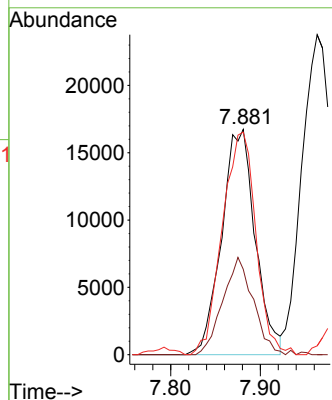
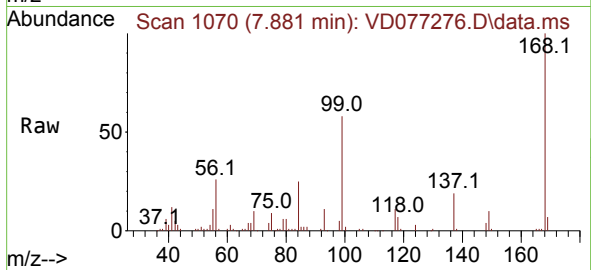
Tgt Ion: 56 Resp: 43499

Ion Ratio Lower Upper

56 100

69 37.9 28.6 43.0

84 97.3 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 10.975 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD077276.D

Acq: 05 Oct 2023 15:36

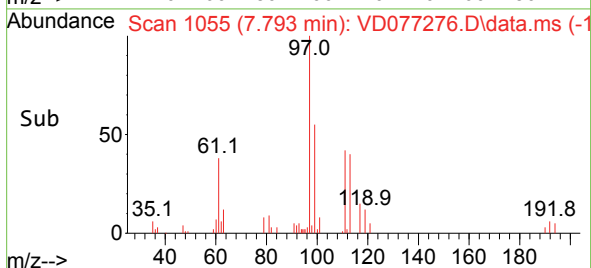
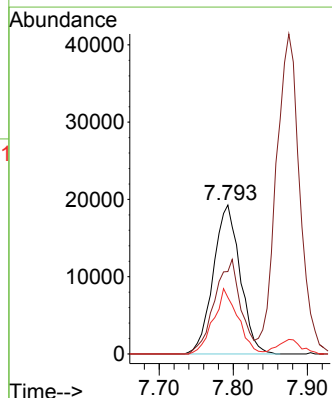
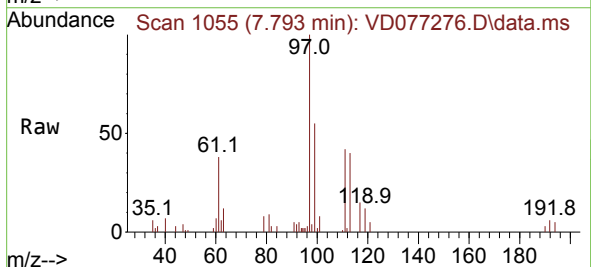
Tgt Ion: 97 Resp: 48503

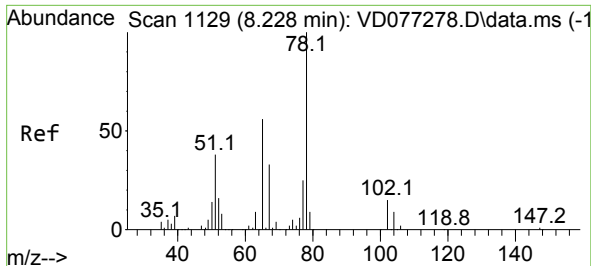
Ion Ratio Lower Upper

97 100

99 61.6 52.0 78.0

61 39.9 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 9.855 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD077276.D

Acq: 05 Oct 2023 15:36

Instrument :

MSVOA_D

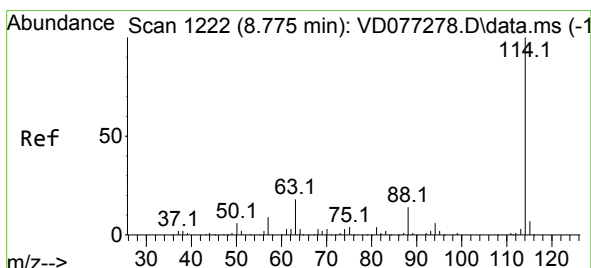
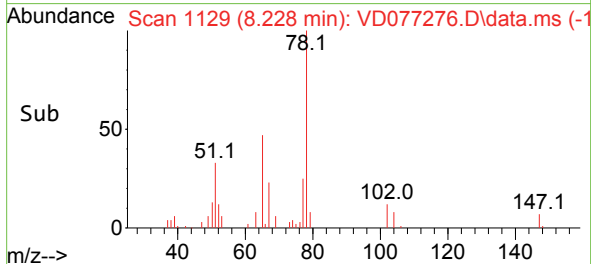
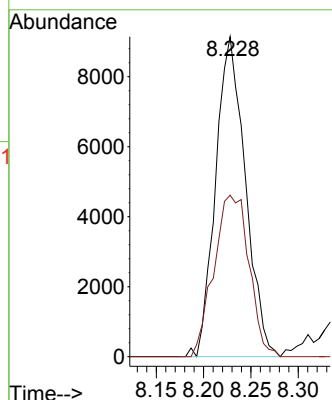
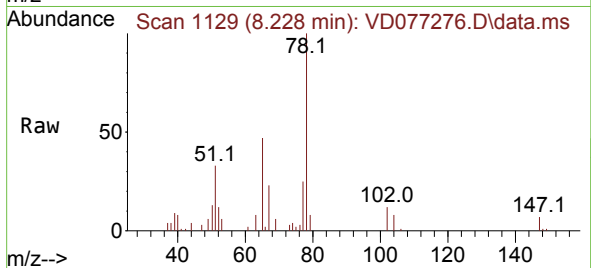
ClientSampleId :

Tgt Ion: 65 Resp: 19965

Ion Ratio Lower Upper

65 100

67 59.7 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: VD077276.D

Acq: 05 Oct 2023 15:36

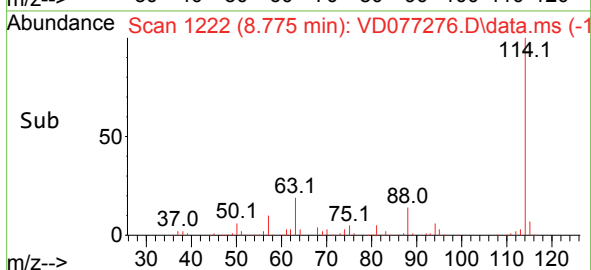
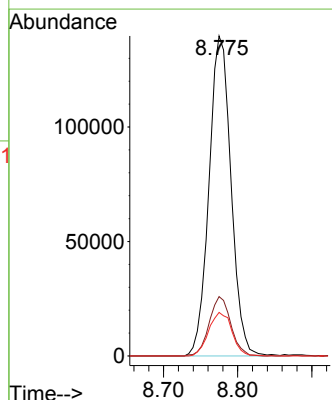
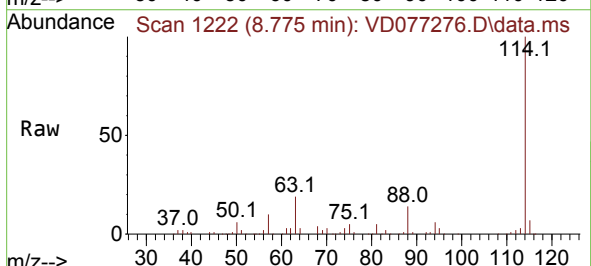
Tgt Ion: 114 Resp: 288679

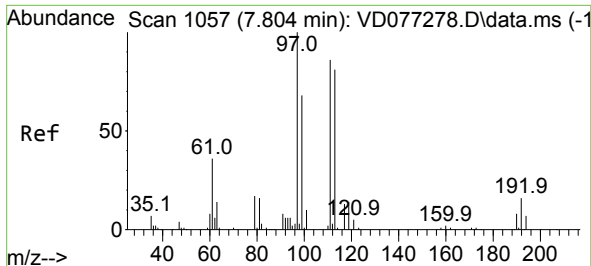
Ion Ratio Lower Upper

114 100

63 18.5 0.0 33.4

88 13.6 0.0 26.2

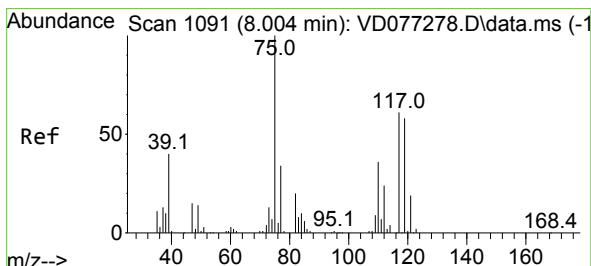
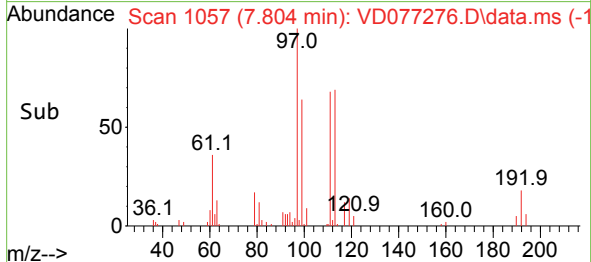
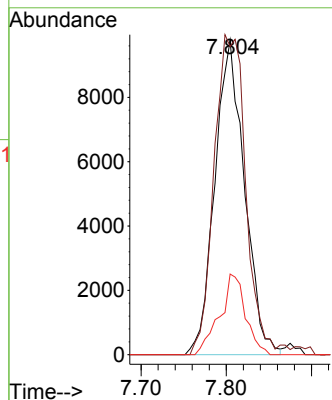
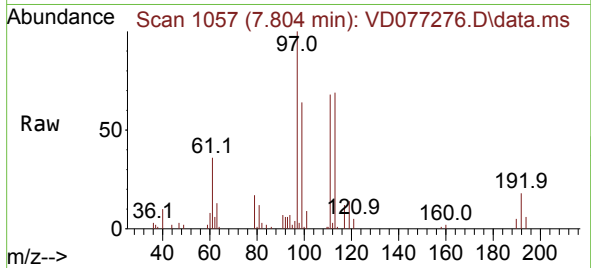




#35
Dibromofluoromethane
Concen: 9.797 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD077276.D
Acq: 05 Oct 2023 15:36

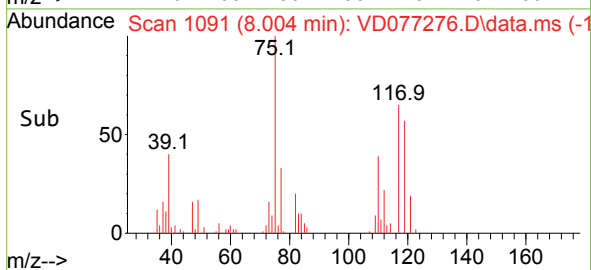
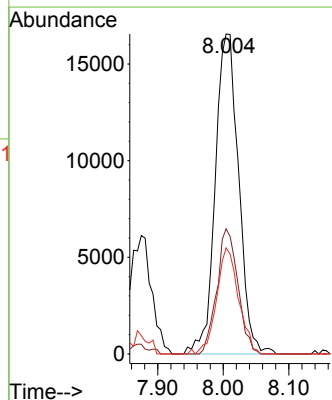
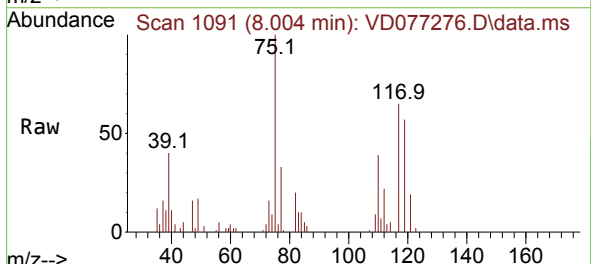
Instrument :
MSVOA_D
ClientSampleId :

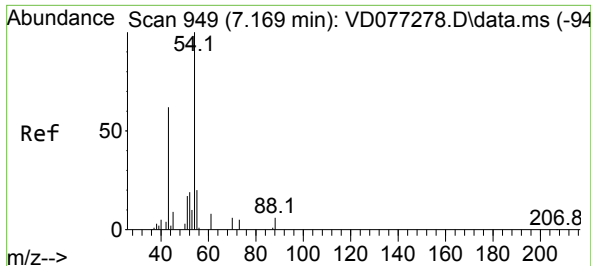
Tgt Ion:113 Resp: 23648
Ion Ratio Lower Upper
113 100
111 108.8 84.7 127.1
192 22.3 16.8 25.2



#36
1,1-Dichloropropene
Concen: 10.182 ug/l
RT: 8.004 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VD077276.D
Acq: 05 Oct 2023 15:36

Tgt Ion: 75 Resp: 40968
Ion Ratio Lower Upper
75 100
110 35.2 19.9 59.6
77 31.3 24.7 37.1





#37

Ethyl Acetate

Concen: 10.820 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.000 min

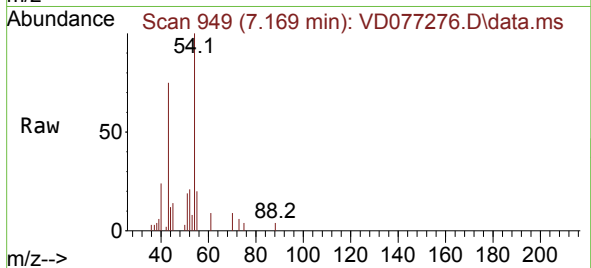
Lab File: VD077276.D

Acq: 05 Oct 2023 15:36

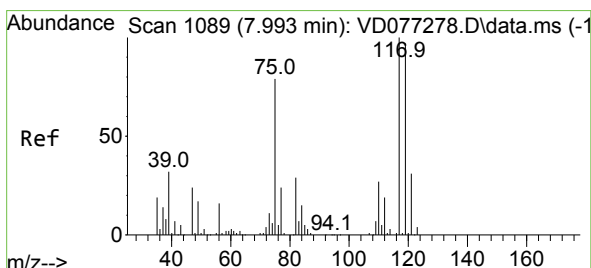
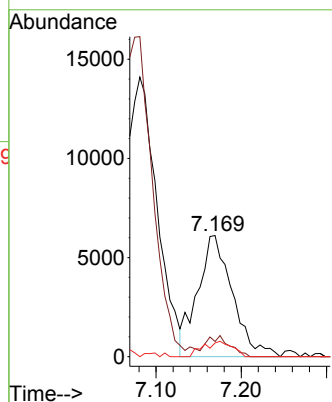
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43	Resp: 17334
Ion Ratio	Lower Upper
43	100
61	11.3 14.9 22.3#
70	10.6 10.0 15.0



#38

Carbon Tetrachloride

Concen: 10.346 ug/l

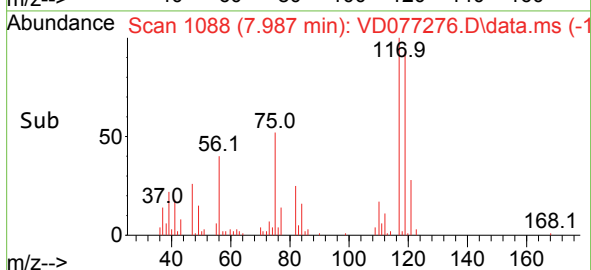
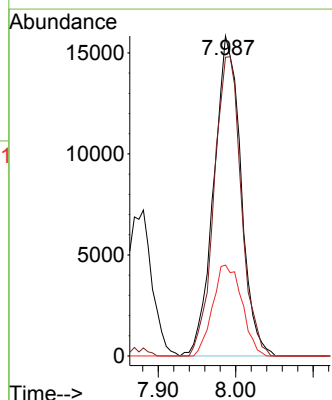
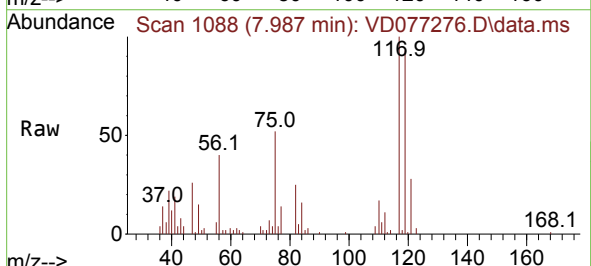
RT: 7.987 min Scan# 1088

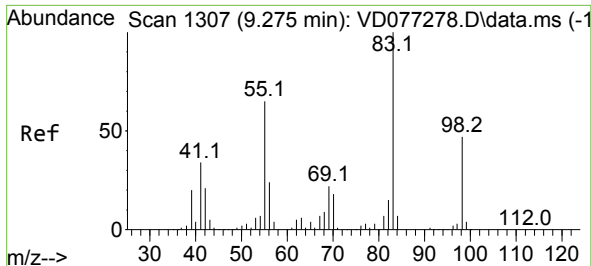
Delta R.T. -0.006 min

Lab File: VD077276.D

Acq: 05 Oct 2023 15:36

Tgt Ion: 117	Resp: 38527
Ion Ratio	Lower Upper
117	100
119	93.4 78.0 117.0
121	28.4 24.2 36.2





#39

Methylcyclohexane

Concen: 9.436 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD077276.D

Acq: 05 Oct 2023 15:36

Instrument :

MSVOA_D

ClientSampleId :

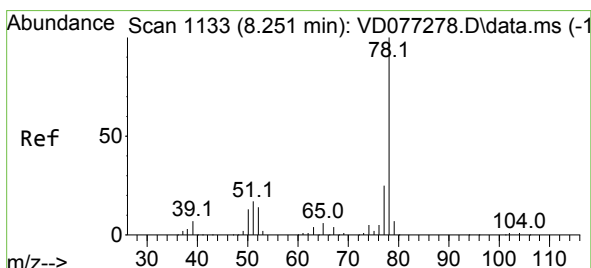
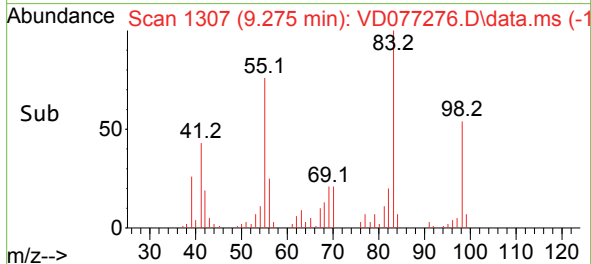
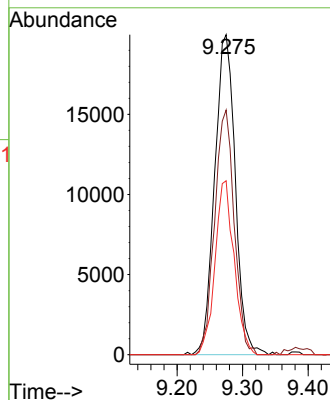
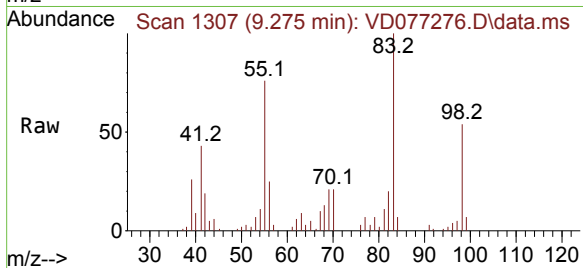
Tgt Ion: 83 Resp: 43469

Ion Ratio Lower Upper

83 100

55 76.4 49.4 74.0#

98 54.4 38.4 57.6



#40

Benzene

Concen: 10.366 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD077276.D

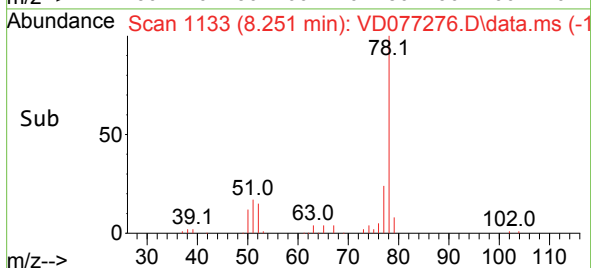
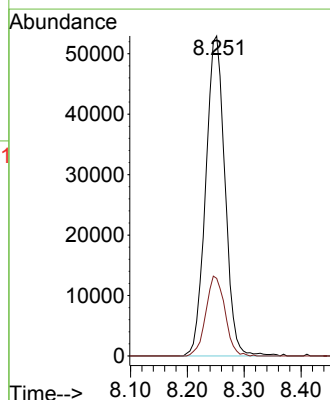
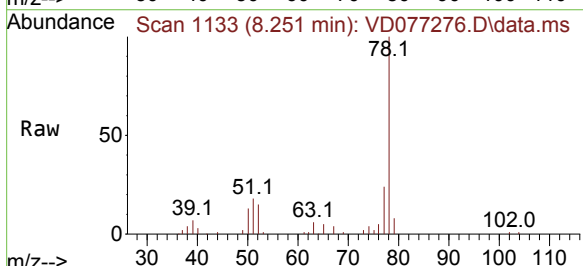
Acq: 05 Oct 2023 15:36

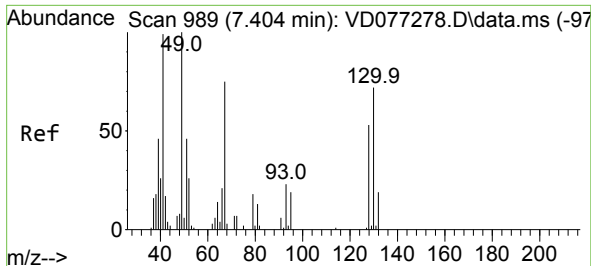
Tgt Ion: 78 Resp: 124258

Ion Ratio Lower Upper

78 100

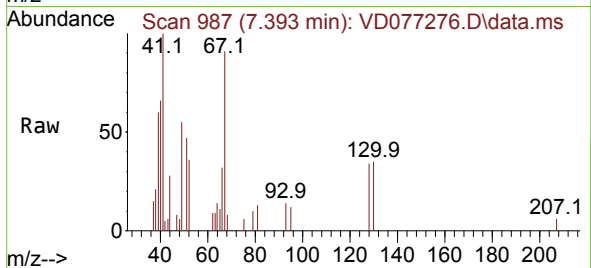
77 24.3 19.4 29.0



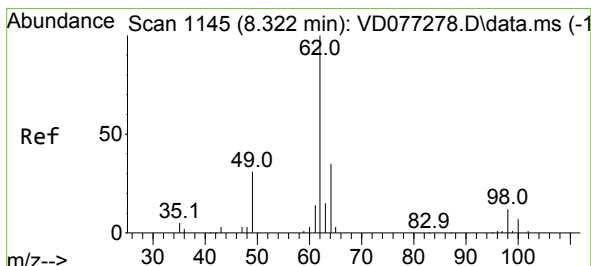
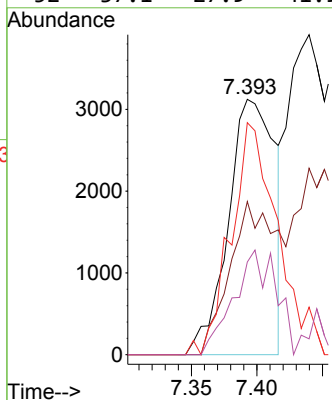
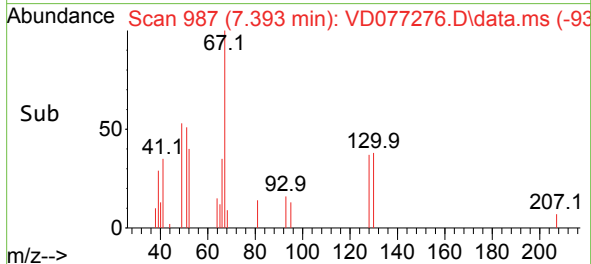


#41
Methacrylonitrile
Concen: 9.426 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD077276.D
Acq: 05 Oct 2023 15:36

Instrument :
MSVOA_D
ClientSampleId :

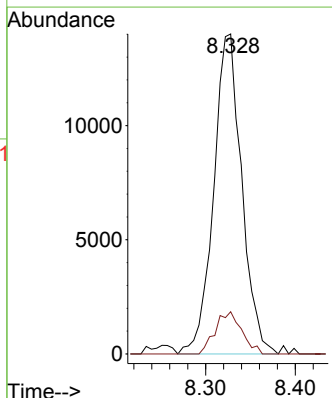
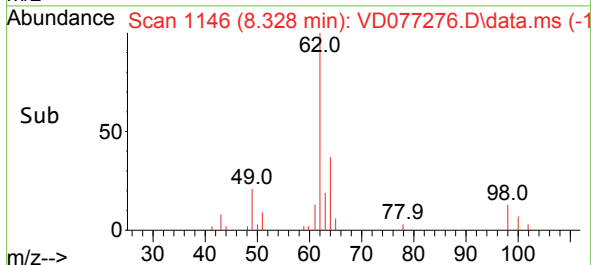
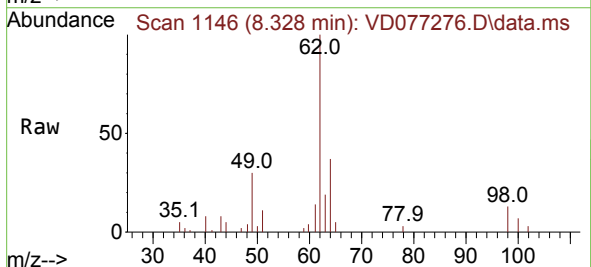


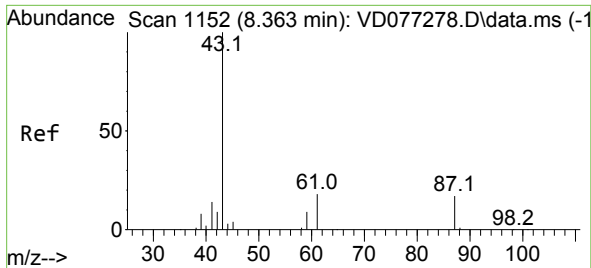
Tgt Ion: 41 Resp: 7740
Ion Ratio Lower Upper
41 100
39 62.5 34.0 51.0#
67 90.8 77.0 115.4
52 37.1 27.9 41.9



#42
1,2-Dichloroethane
Concen: 10.711 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD077276.D
Acq: 05 Oct 2023 15:36

Tgt Ion: 62 Resp: 30435
Ion Ratio Lower Upper
62 100
98 12.4 0.0 25.4

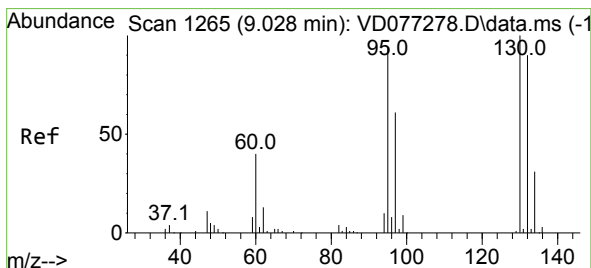
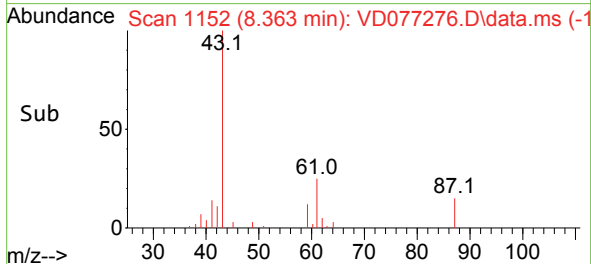
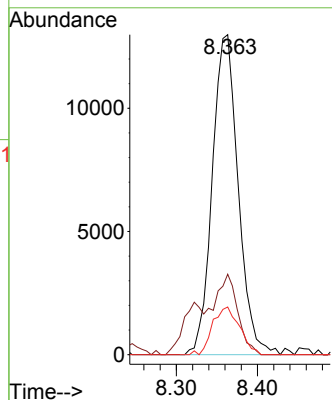
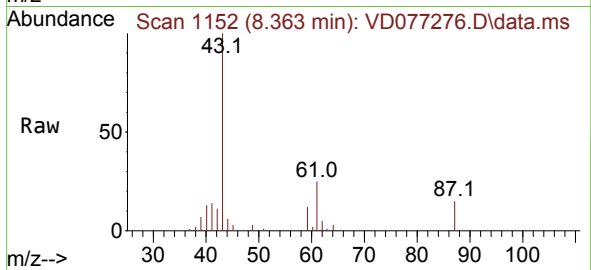




#43
Isopropyl Acetate
Concen: 10.211 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD077276.D
Acq: 05 Oct 2023 15:36

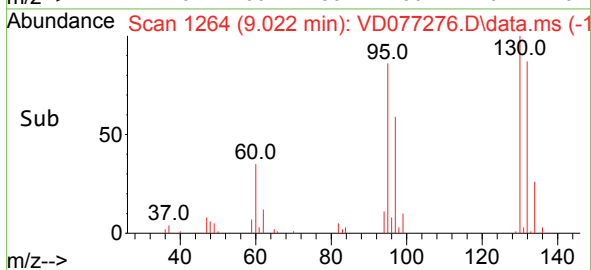
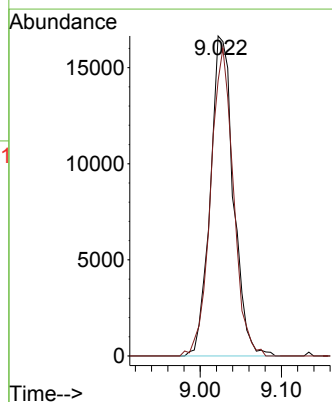
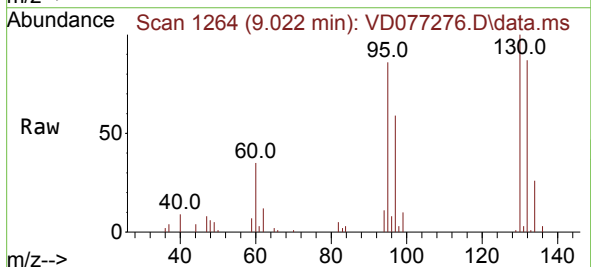
Instrument :
MSVOA_D
ClientSampleId :

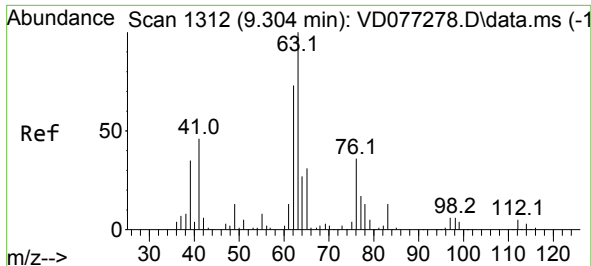
Tgt Ion: 43 Resp: 28856
Ion Ratio Lower Upper
43 100
61 18.8 31.4 47.0#
87 15.5 14.9 22.3



#44
Trichloroethene
Concen: 10.754 ug/l
RT: 9.022 min Scan# 1264
Delta R.T. -0.006 min
Lab File: VD077276.D
Acq: 05 Oct 2023 15:36

Tgt Ion:130 Resp: 32995
Ion Ratio Lower Upper
130 100
95 86.1 0.0 179.2





#45

1,2-Dichloropropane

Concen: 10.586 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD077276.D

Acq: 05 Oct 2023 15:36

Instrument :

MSVOA_D

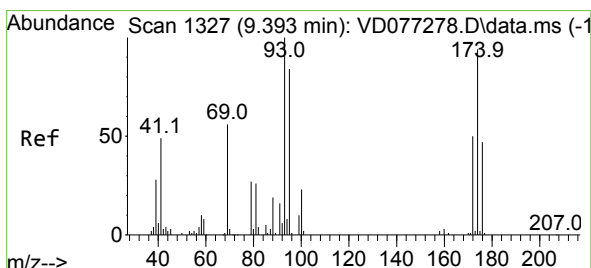
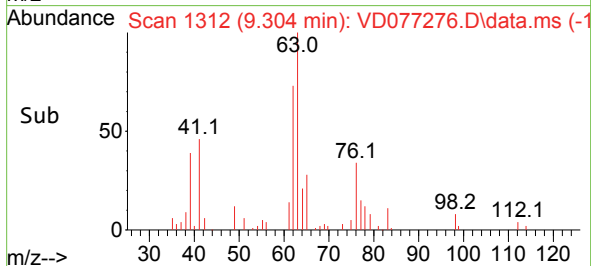
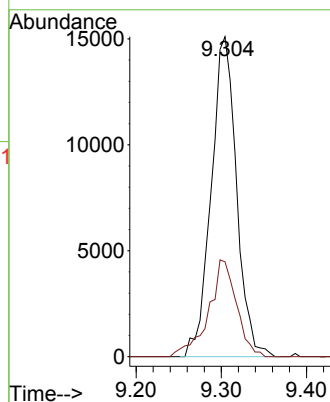
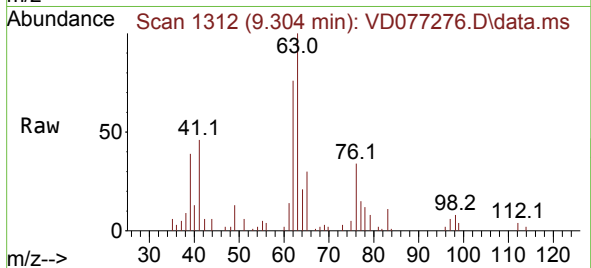
ClientSampleId :

Tgt Ion: 63 Resp: 31217

Ion Ratio Lower Upper

63 100

65 29.7 24.5 36.7



#46

Dibromomethane

Concen: 11.008 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD077276.D

Acq: 05 Oct 2023 15:36

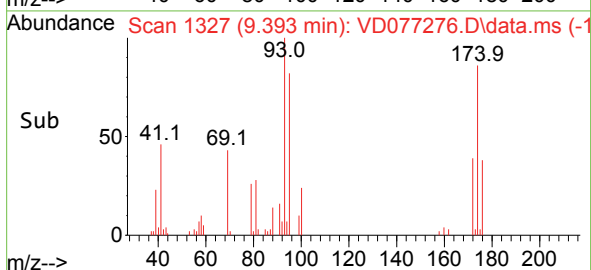
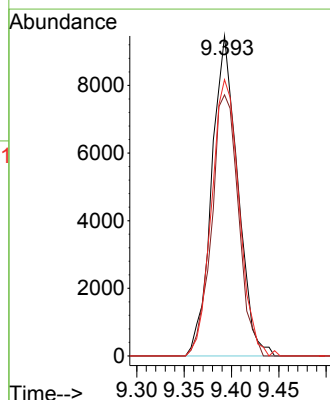
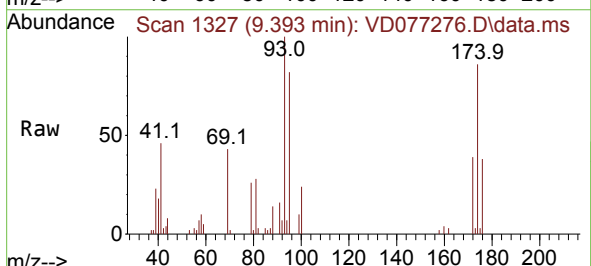
Tgt Ion: 93 Resp: 18104

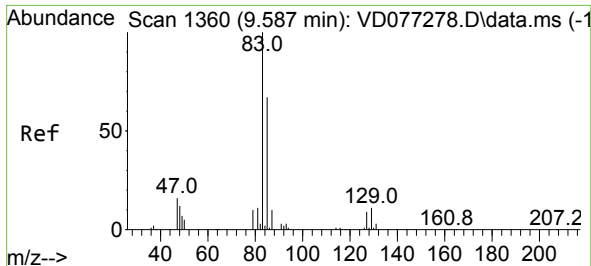
Ion Ratio Lower Upper

93 100

95 83.7 67.7 101.5

174 91.3 85.4 128.2

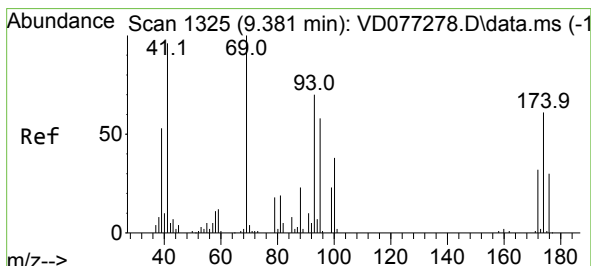
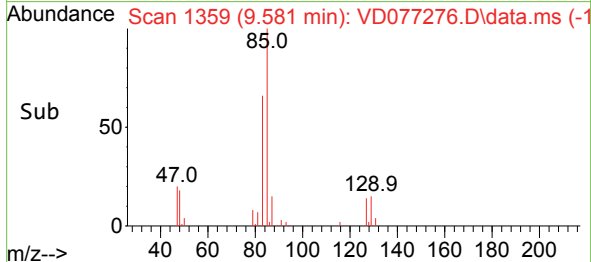
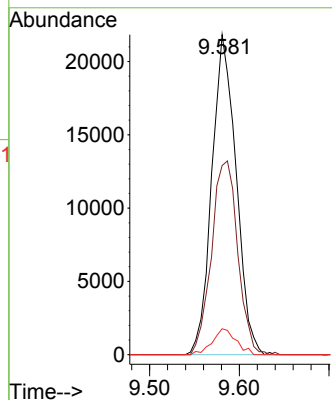
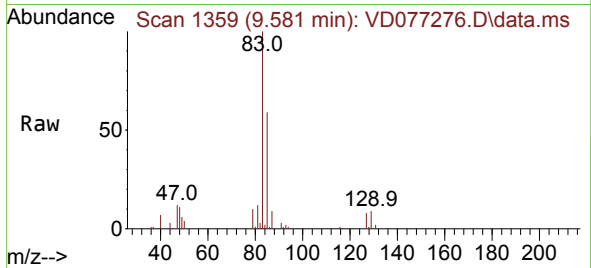




#47
Bromodichloromethane
Concen: 10.745 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD077276.D
Acq: 05 Oct 2023 15:36

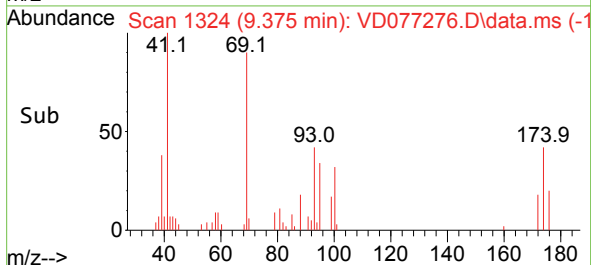
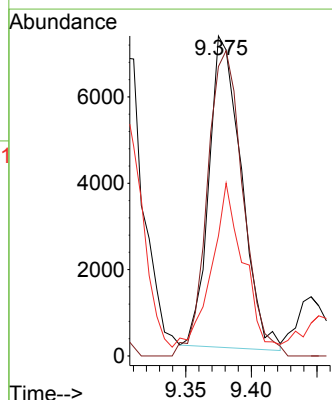
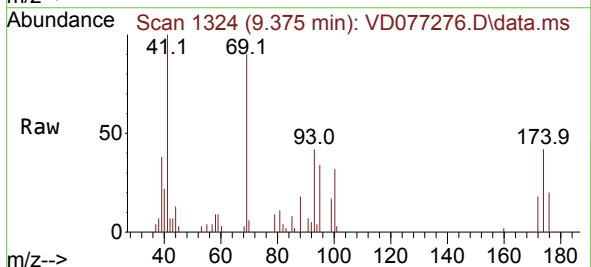
Instrument :
MSVOA_D
ClientSampleId :

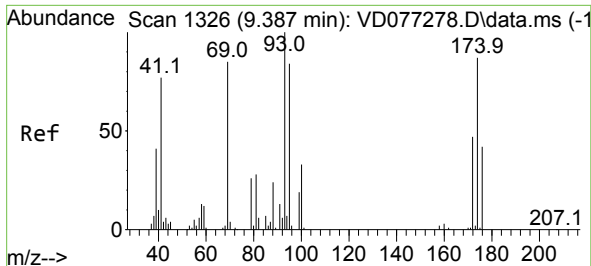
Tgt Ion: 83 Resp: 40963
Ion Ratio Lower Upper
83 100
85 59.1 50.2 75.4
127 8.1 6.3 9.5



#48
Methyl methacrylate
Concen: 9.489 ug/l
RT: 9.375 min Scan# 1324
Delta R.T. -0.006 min
Lab File: VD077276.D
Acq: 05 Oct 2023 15:36

Tgt Ion: 41 Resp: 12423
Ion Ratio Lower Upper
41 100
69 108.2 102.2 153.2
39 52.2 41.4 62.2





#49

1,4-Dioxane

Concen: 194.959 ug/l

RT: 9.375 min Scan# 11

Delta R.T. -0.012 min

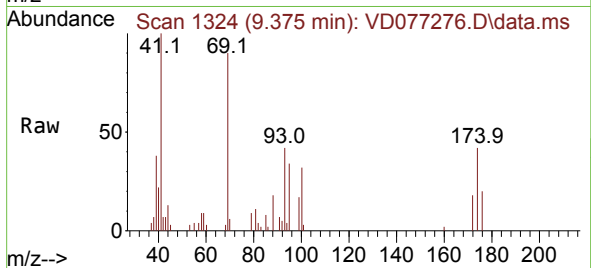
Lab File: VD077276.D

Acq: 05 Oct 2023 15:36

Instrument :

MSVOA_D

ClientSampleId :



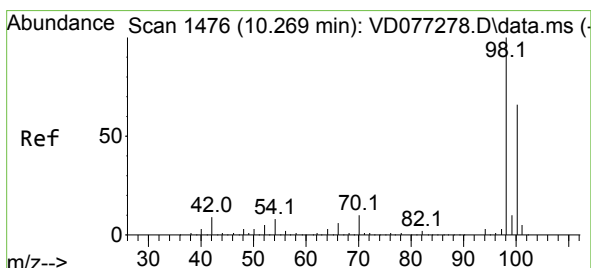
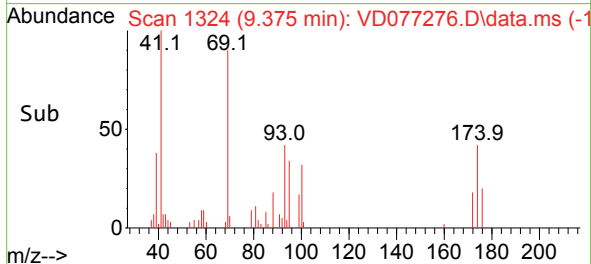
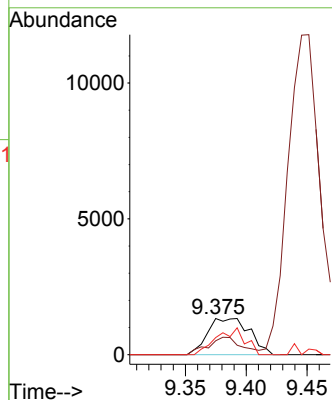
Tgt Ion: 88 Resp: 3192

Ion Ratio Lower Upper

88 100

43 38.8 19.0 28.6#

58 50.4 43.5 65.3



#50

Toluene-d8

Concen: 9.159 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD077276.D

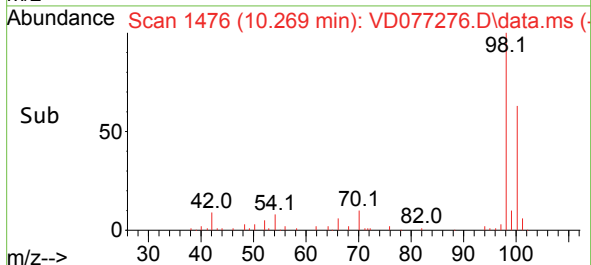
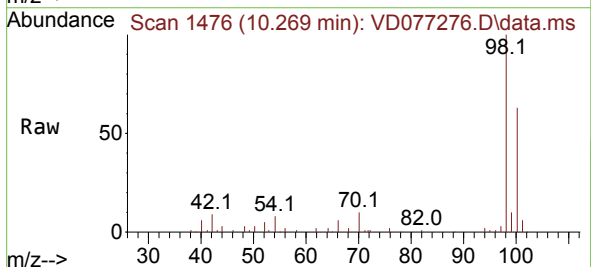
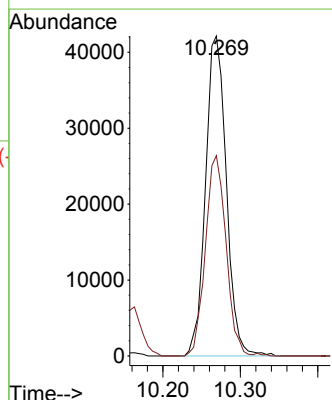
Acq: 05 Oct 2023 15:36

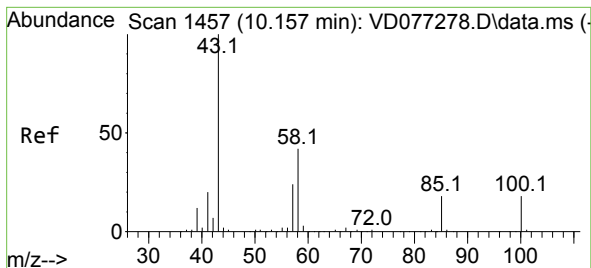
Tgt Ion: 98 Resp: 78538

Ion Ratio Lower Upper

98 100

100 62.1 50.3 75.5

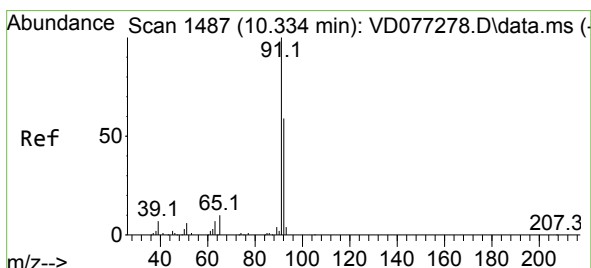
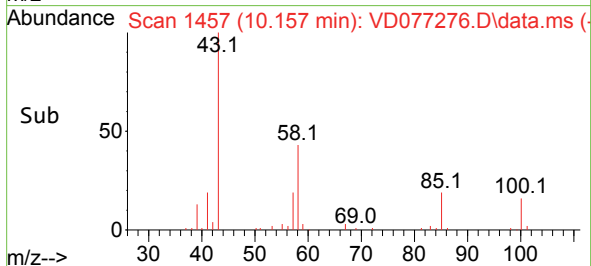
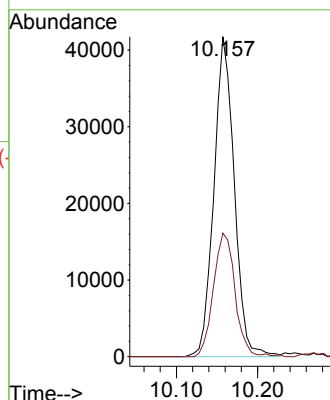
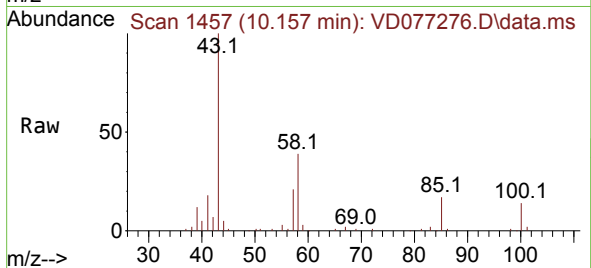




#51
4-Methyl-2-Pentanone
Concen: 49.653 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD077276.D
Acq: 05 Oct 2023 15:36

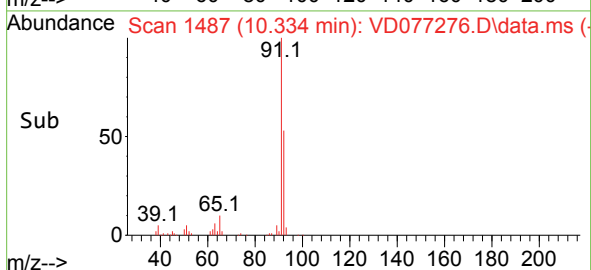
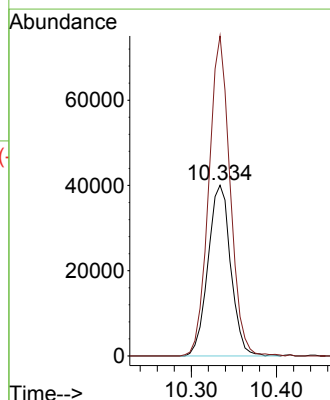
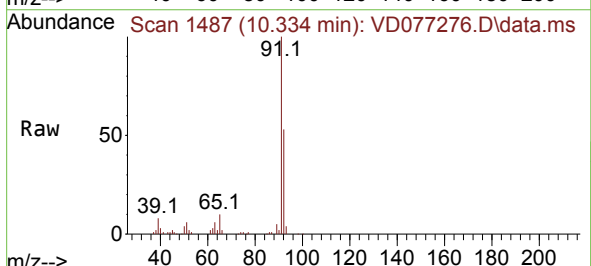
Instrument :
MSVOA_D
ClientSampleId :

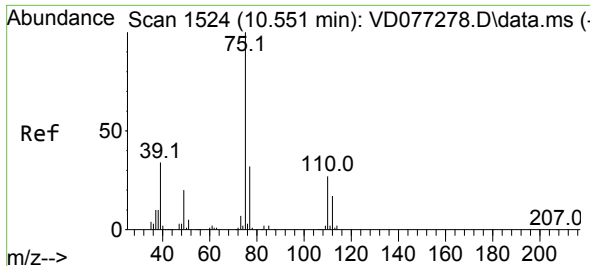
Tgt Ion: 43 Resp: 72817
Ion Ratio Lower Upper
43 100
58 41.1 38.9 58.3



#52
Toluene
Concen: 10.113 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077276.D
Acq: 05 Oct 2023 15:36

Tgt Ion: 92 Resp: 74318
Ion Ratio Lower Upper
92 100
91 175.9 143.0 214.4

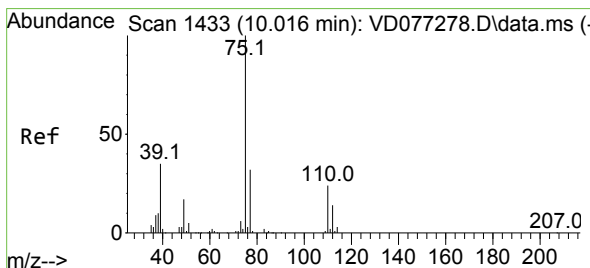
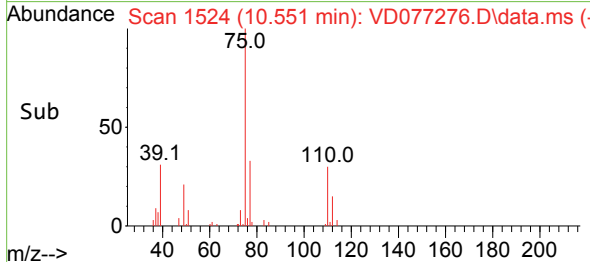
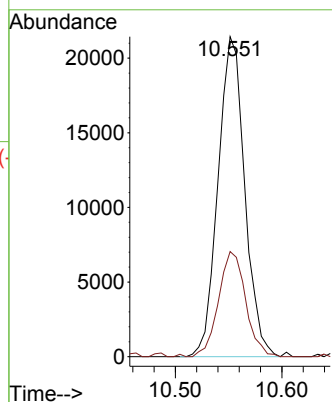
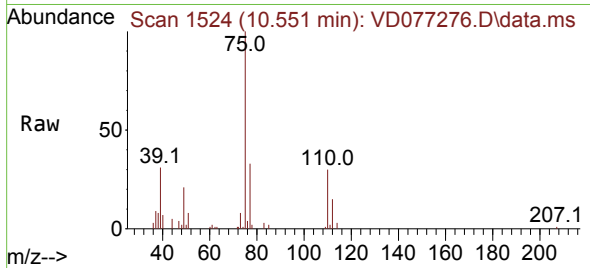




#53
t-1,3-Dichloropropene
Concen: 10.216 ug/l
RT: 10.551 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077276.D
Acq: 05 Oct 2023 15:36

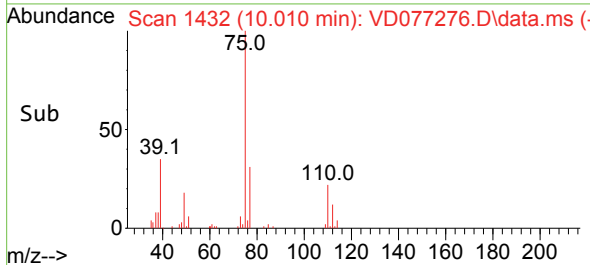
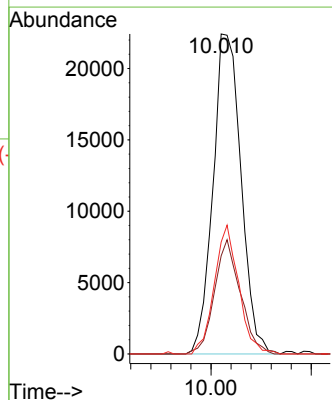
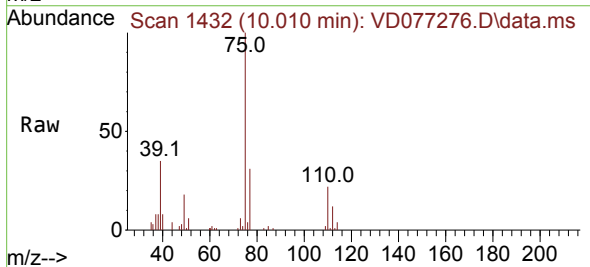
Instrument :
MSVOA_D
ClientSampleId :

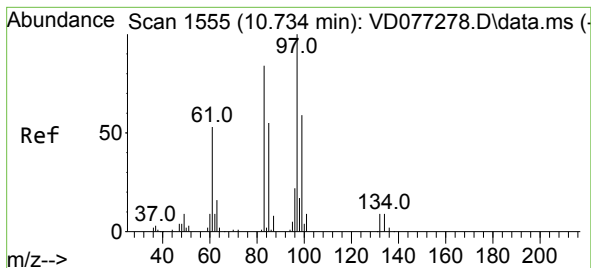
Tgt Ion: 75 Resp: 37251
Ion Ratio Lower Upper
75 100
77 32.9 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 9.964 ug/l
RT: 10.010 min Scan# 1432
Delta R.T. -0.006 min
Lab File: VD077276.D
Acq: 05 Oct 2023 15:36

Tgt Ion: 75 Resp: 43608
Ion Ratio Lower Upper
75 100
77 30.6 25.5 38.3
39 34.9 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 10.904 ug/l

RT: 10.728 min Scan# 1554

Delta R.T. -0.006 min

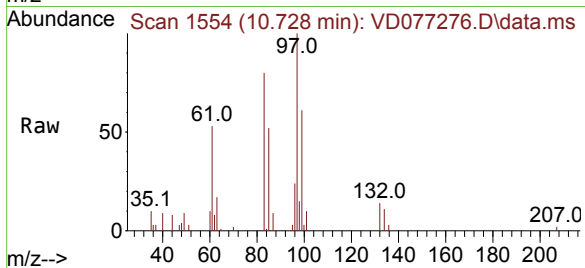
Lab File: VD077276.D

Acq: 05 Oct 2023 15:36

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 24463

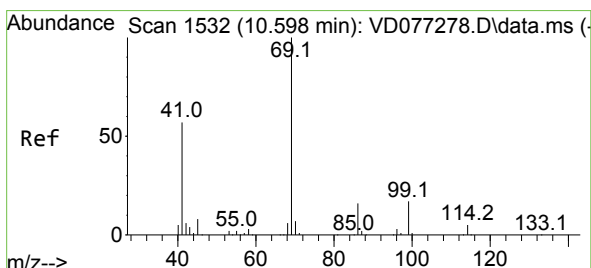
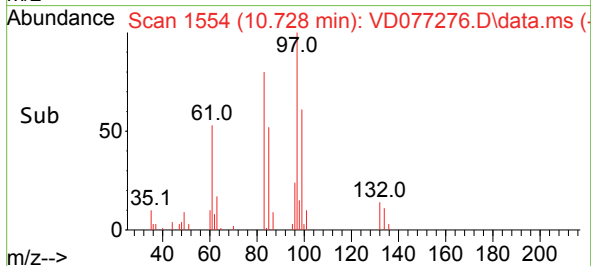
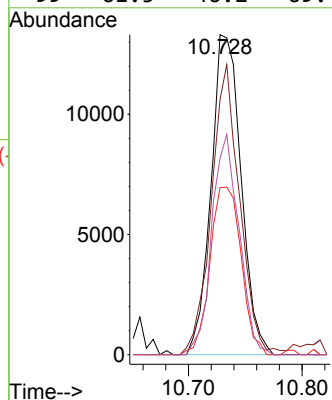
Ion Ratio Lower Upper

97 100

83 79.8 65.8 98.6

85 52.2 45.7 68.5

99 61.5 46.2 69.4



#56

Ethyl methacrylate

Concen: 8.923 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. -0.000 min

Lab File: VD077276.D

Acq: 05 Oct 2023 15:36

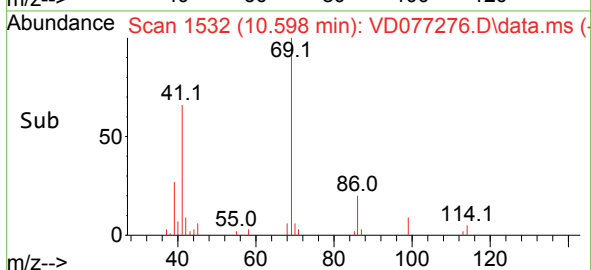
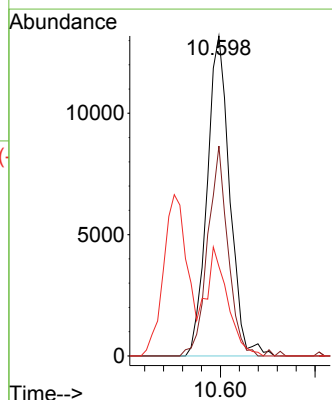
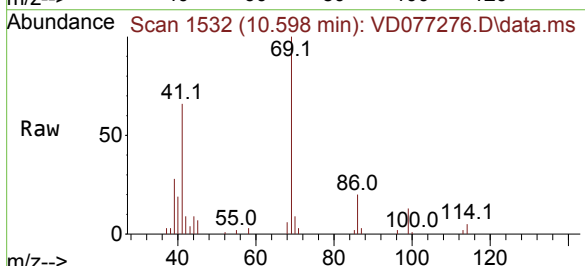
Tgt Ion: 69 Resp: 21830

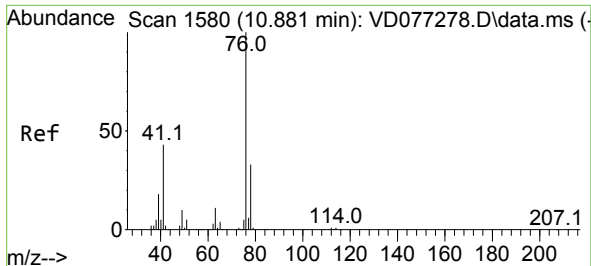
Ion Ratio Lower Upper

69 100

41 58.6 39.1 58.7

39 32.5 20.0 30.0#





#57

1,3-Dichloropropane

Concen: 10.186 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. -0.006 min

Lab File: VD077276.D

Acq: 05 Oct 2023 15:36

Instrument :

MSVOA_D

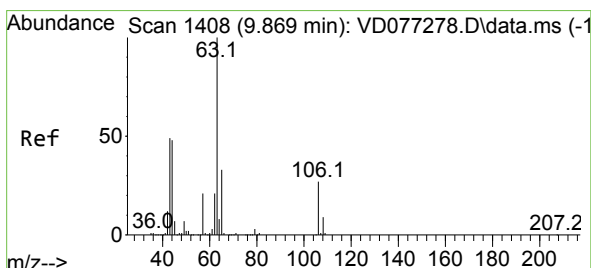
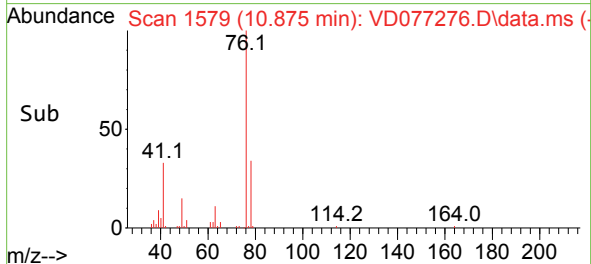
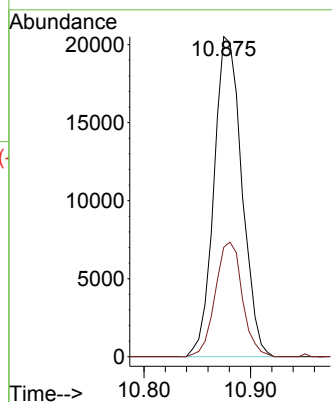
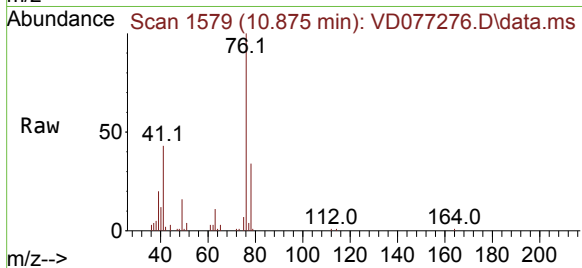
ClientSampleId :

Tgt Ion: 76 Resp: 37355

Ion Ratio Lower Upper

76 100

78 34.6 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 52.931 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077276.D

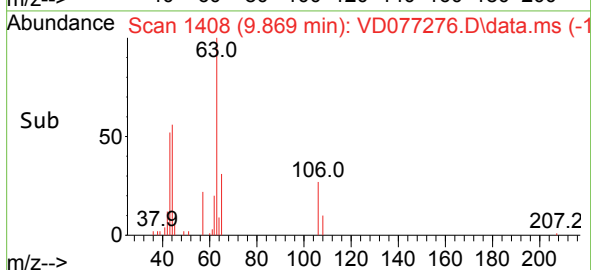
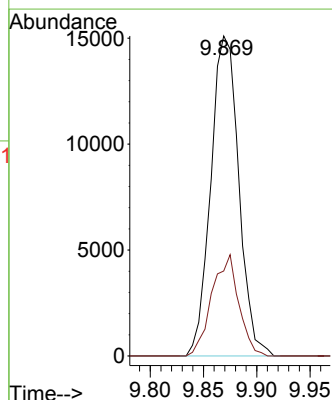
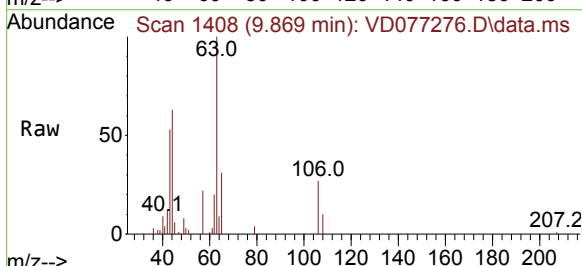
Acq: 05 Oct 2023 15:36

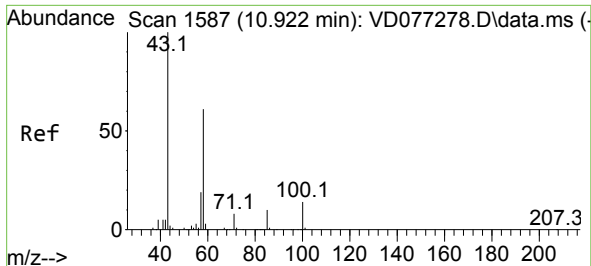
Tgt Ion: 63 Resp: 27635

Ion Ratio Lower Upper

63 100

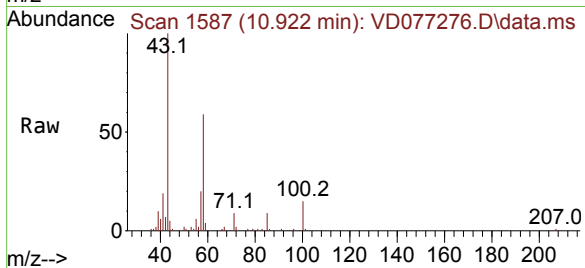
106 30.3 25.3 37.9



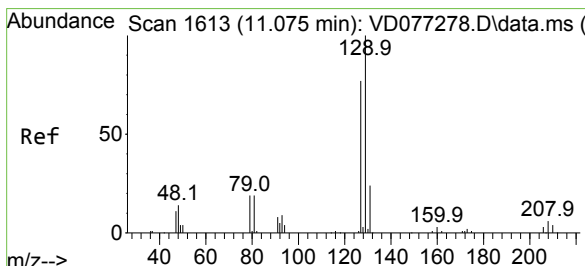
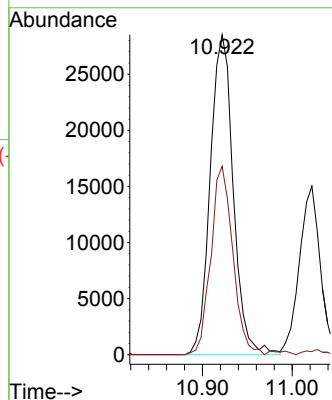
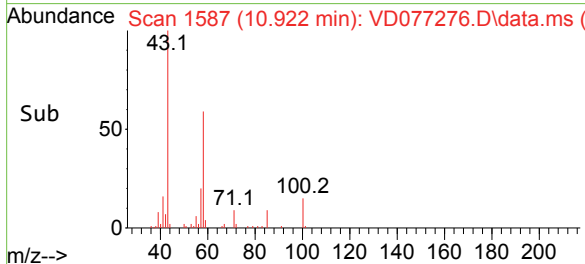


#59
2-Hexanone
Concen: 48.379 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077276.D
Acq: 05 Oct 2023 15:36

Instrument :
MSVOA_D
ClientSampleId :

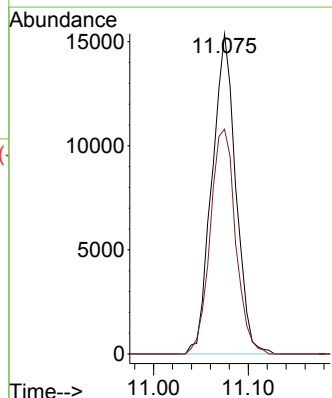
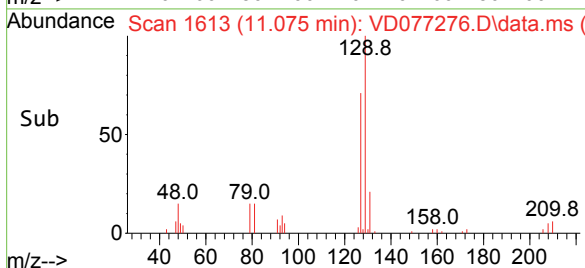
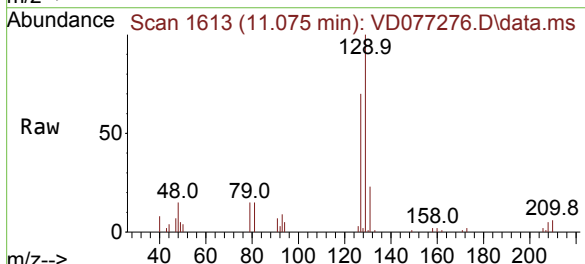


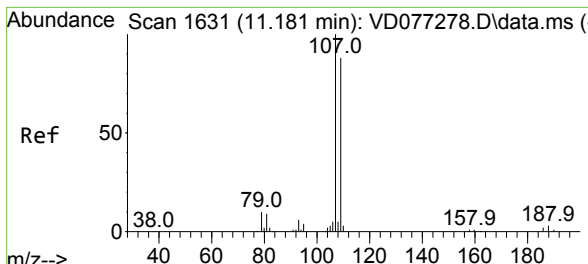
Tgt Ion: 43 Resp: 50800
Ion Ratio Lower Upper
43 100
58 56.2 34.1 102.2



#60
Dibromochloromethane
Concen: 10.460 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077276.D
Acq: 05 Oct 2023 15:36

Tgt Ion: 129 Resp: 26862
Ion Ratio Lower Upper
129 100
127 74.7 37.1 111.5

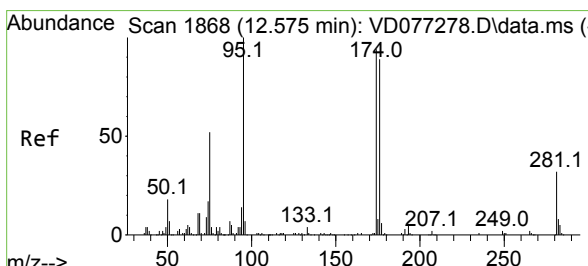
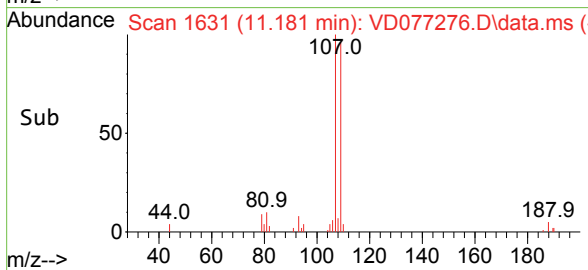
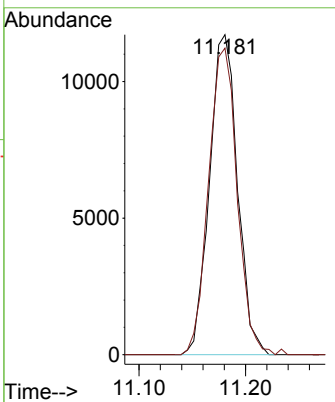
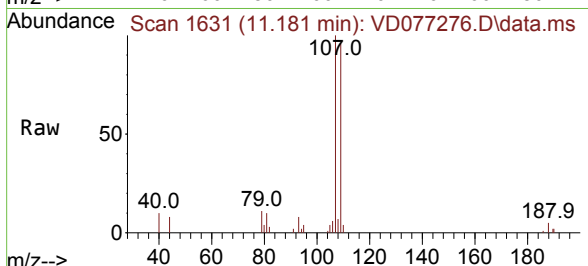




#61
 1,2-Dibromoethane
 Concen: 10.260 ug/l
 RT: 11.181 min Scan# 1631
 Delta R.T. -0.000 min
 Lab File: VD077276.D
 Acq: 05 Oct 2023 15:36

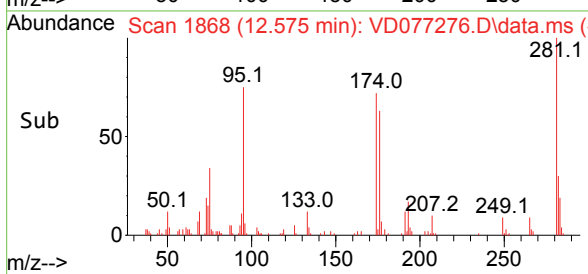
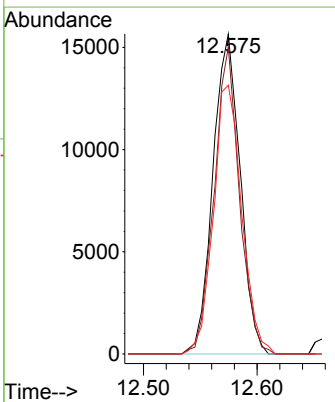
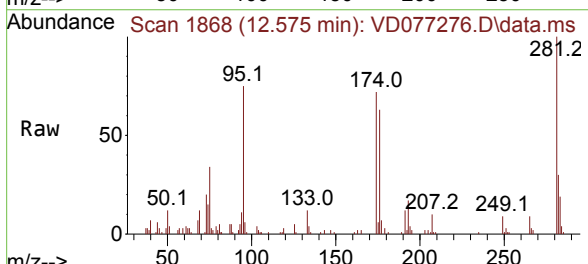
Instrument :
 MSVOA_D
 ClientSampleId :

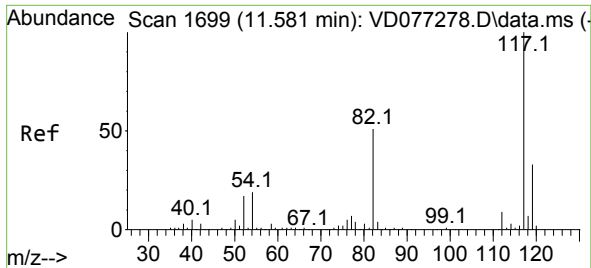
Tgt Ion:	107	Resp:	21414
Ion Ratio	Lower	Upper	
107	100		
109	98.0	75.6	113.4



#62
 4-Bromofluorobenzene
 Concen: 9.742 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.000 min
 Lab File: VD077276.D
 Acq: 05 Oct 2023 15:36

Tgt Ion:	95	Resp:	25985
Ion Ratio	Lower	Upper	
95	100		
174	89.5	0.0	201.8
176	87.5	0.0	191.8

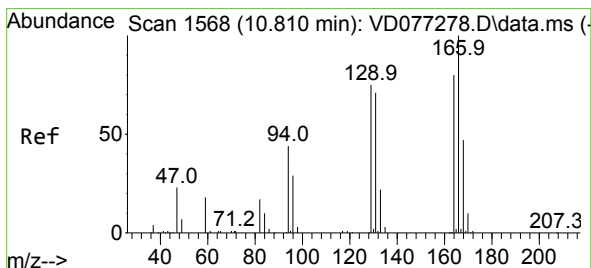
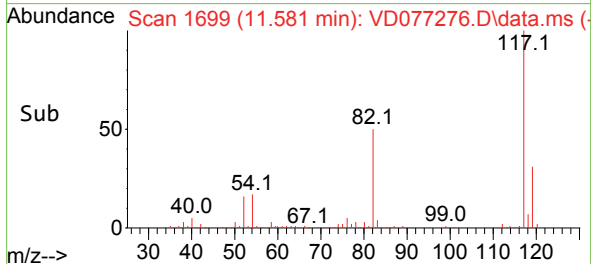
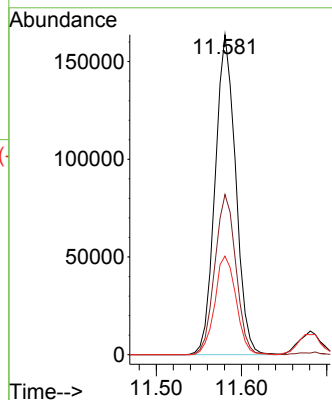
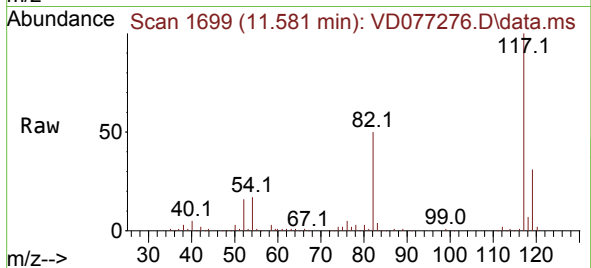




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD077276.D
Acq: 05 Oct 2023 15:36

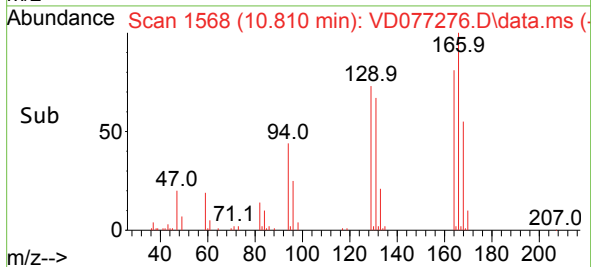
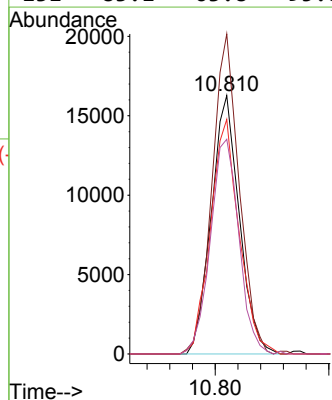
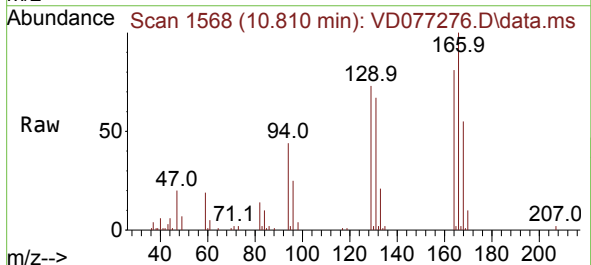
Instrument :
MSVOA_D
ClientSampleId :

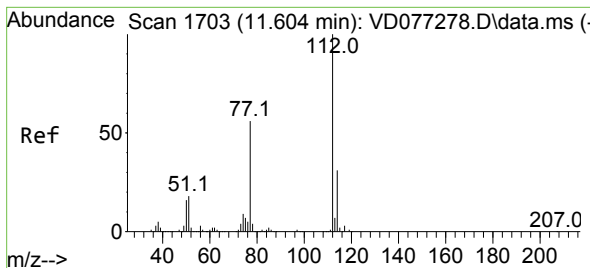
Tgt Ion:117 Resp: 274377
Ion Ratio Lower Upper
117 100
82 50.0 38.3 57.5
119 30.8 25.0 37.4



#64
Tetrachloroethene
Concen: 11.113 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD077276.D
Acq: 05 Oct 2023 15:36

Tgt Ion:164 Resp: 27953
Ion Ratio Lower Upper
164 100
166 123.8 99.2 148.8
129 90.8 68.4 102.6
131 83.1 63.8 95.8

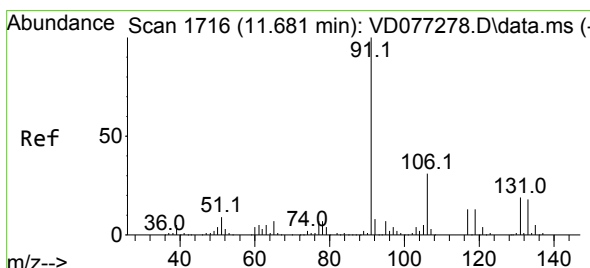
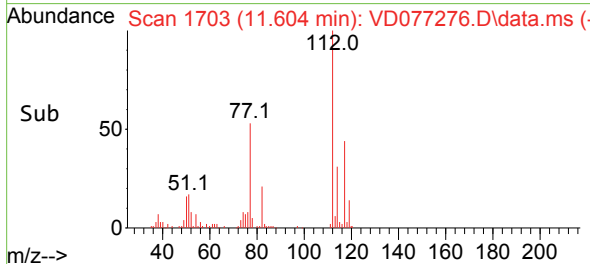
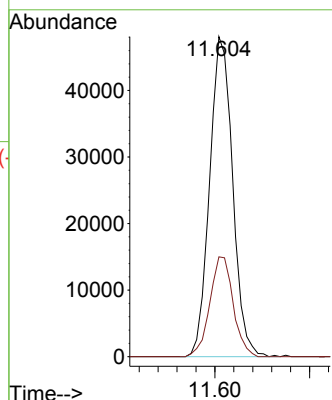
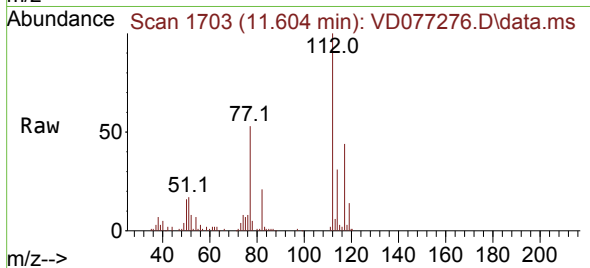




#65
Chlorobenzene
Concen: 10.489 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD077276.D
Acq: 05 Oct 2023 15:36

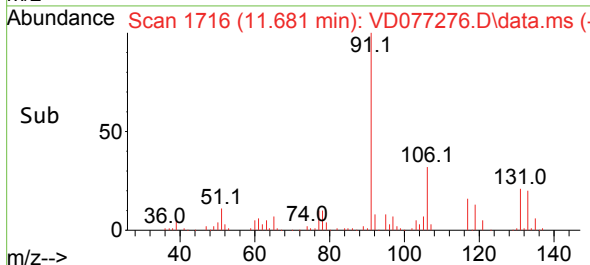
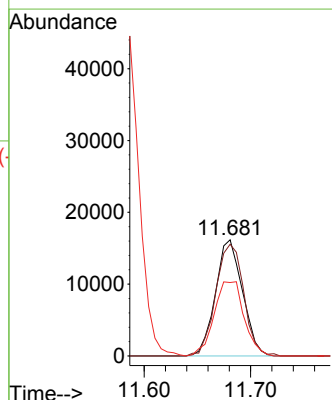
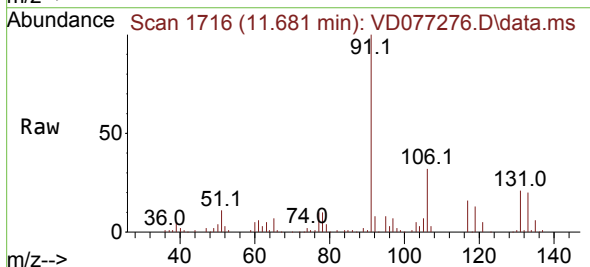
Instrument :
MSVOA_D
ClientSampleId :

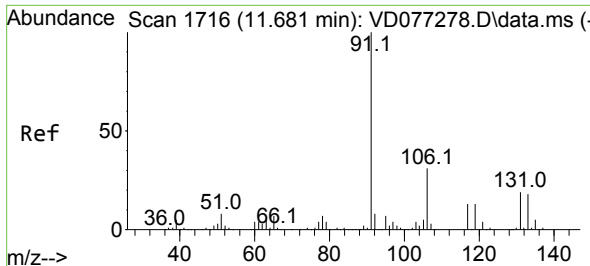
Tgt Ion:112 Resp: 81107
Ion Ratio Lower Upper
112 100
114 31.2 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 10.461 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD077276.D
Acq: 05 Oct 2023 15:36

Tgt Ion:131 Resp: 28509
Ion Ratio Lower Upper
131 100
133 99.6 48.5 145.5
119 71.1 35.6 106.9

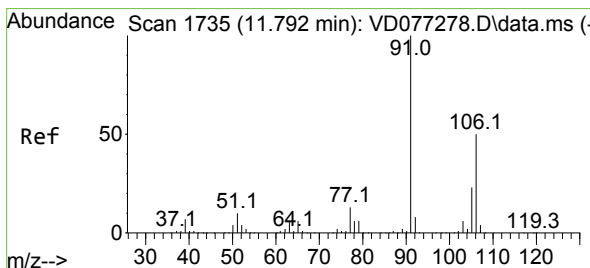
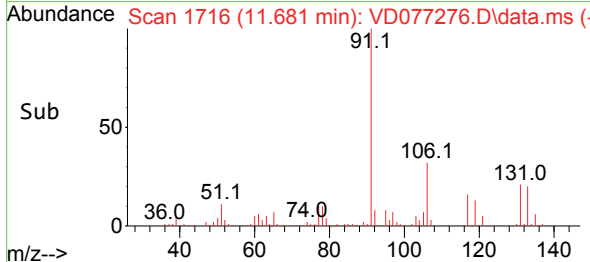
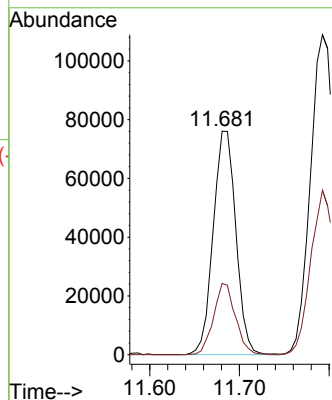
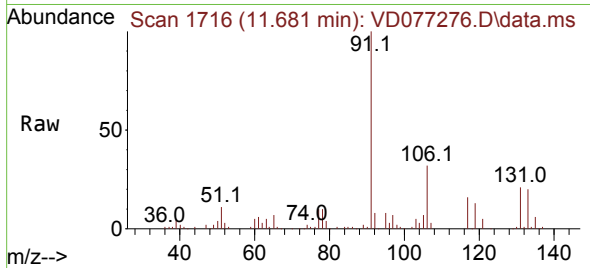




#67
Ethyl Benzene
Concen: 9.708 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD077276.D
Acq: 05 Oct 2023 15:36

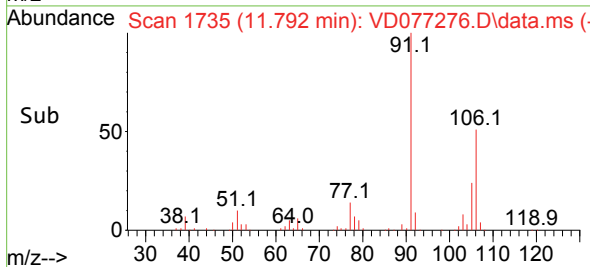
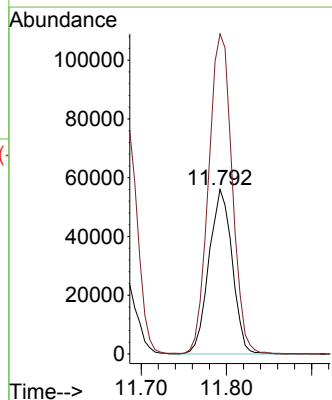
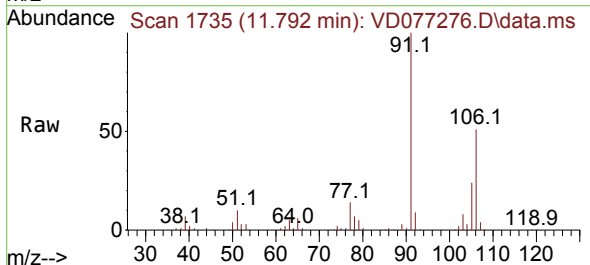
Instrument :
MSVOA_D
ClientSampleId :

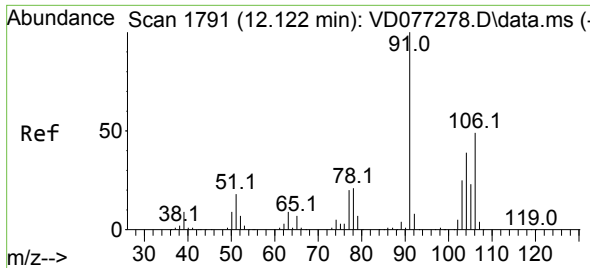
Tgt Ion: 91 Resp: 133699
Ion Ratio Lower Upper
91 100
106 31.9 26.5 39.7



#68
m/p-Xylenes
Concen: 19.824 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD077276.D
Acq: 05 Oct 2023 15:36

Tgt Ion:106 Resp: 106113
Ion Ratio Lower Upper
106 100
91 197.4 147.0 220.6

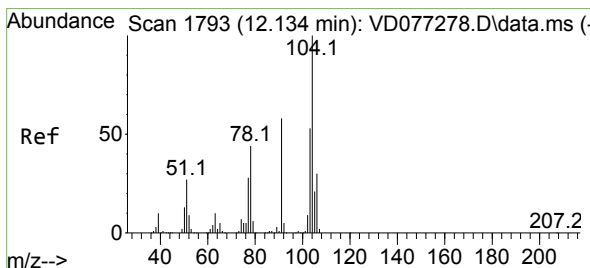
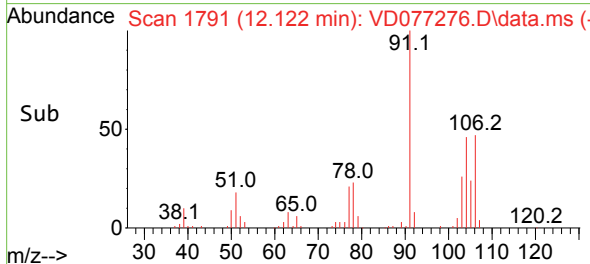
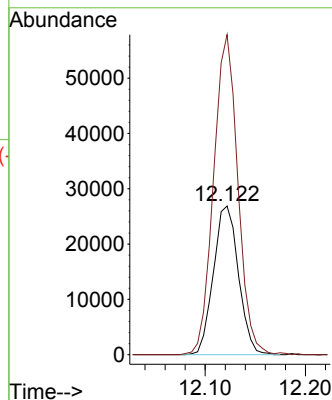
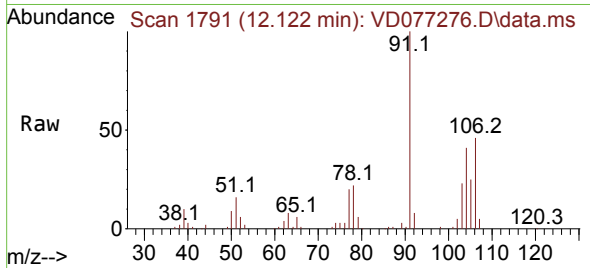




#69
o-Xylene
Concen: 9.553 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077276.D
Acq: 05 Oct 2023 15:36

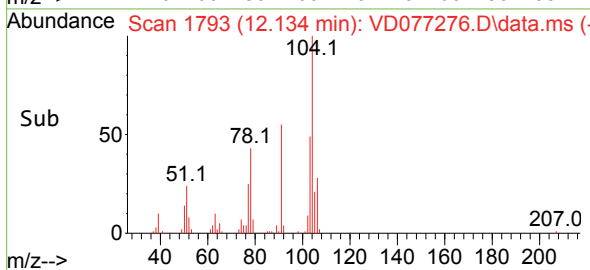
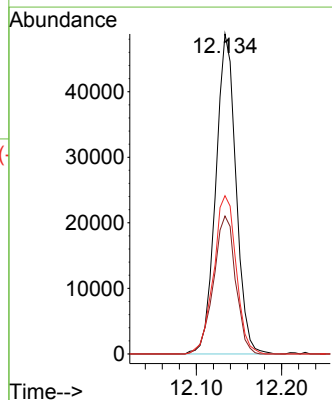
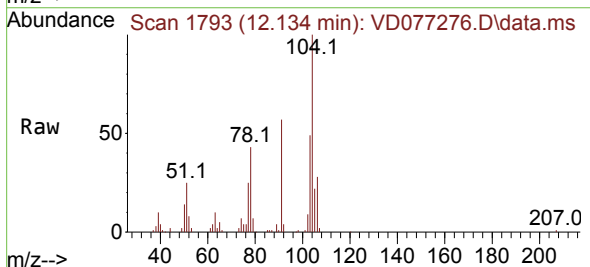
Instrument :
MSVOA_D
ClientSampleId :

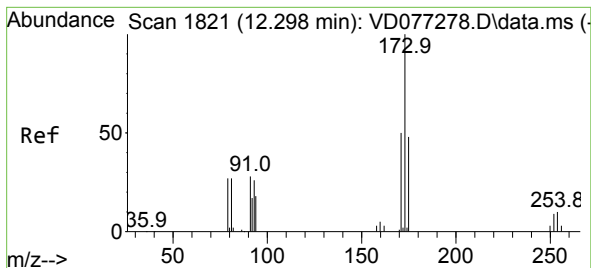
Tgt Ion:106 Resp: 46459
Ion Ratio Lower Upper
106 100
91 209.4 97.9 293.6



#70
Styrene
Concen: 9.646 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD077276.D
Acq: 05 Oct 2023 15:36

Tgt Ion:104 Resp: 80595
Ion Ratio Lower Upper
104 100
78 46.9 33.2 49.8
103 55.0 43.6 65.4





#71

Bromoform

Concen: 11.415 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. -0.000 min

Lab File: VD077276.D

Acq: 05 Oct 2023 15:36

Instrument :

MSVOA_D

ClientSampleId :

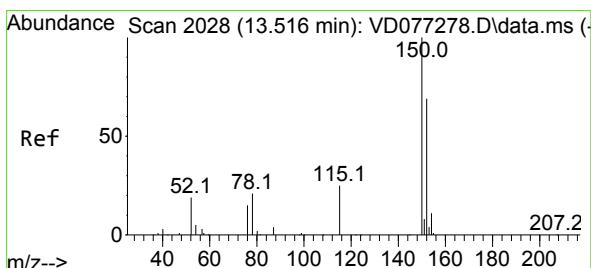
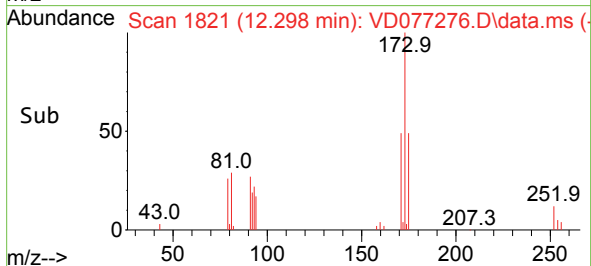
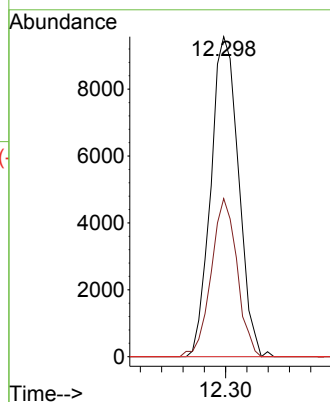
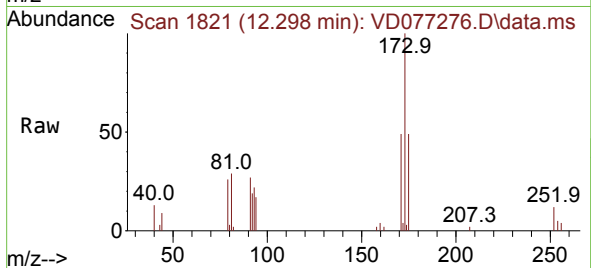
Tgt Ion:173 Resp: 17278

Ion Ratio Lower Upper

173 100

175 46.0 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: VD077276.D

Acq: 05 Oct 2023 15:36

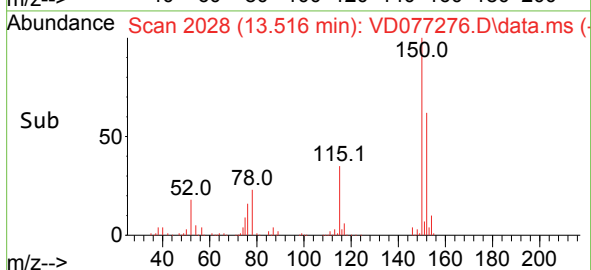
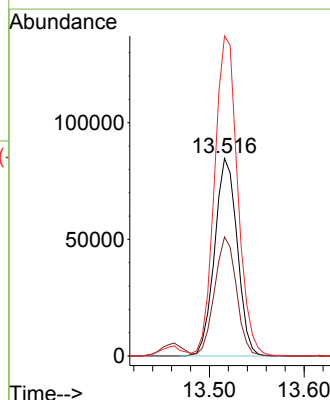
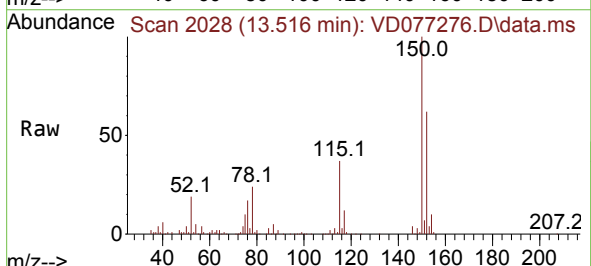
Tgt Ion:152 Resp: 140696

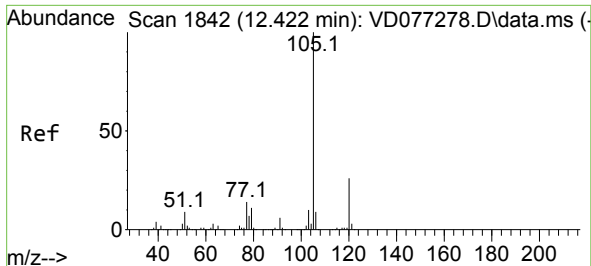
Ion Ratio Lower Upper

152 100

115 58.5 27.1 81.3

150 165.8 0.0 353.6

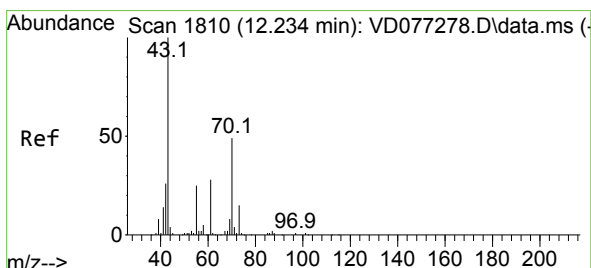
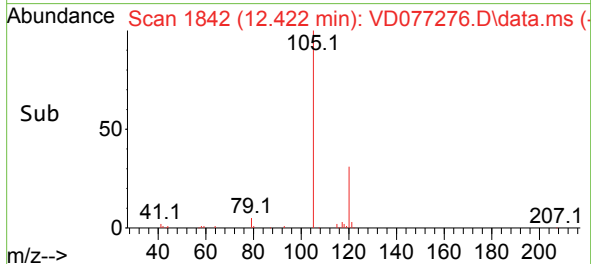
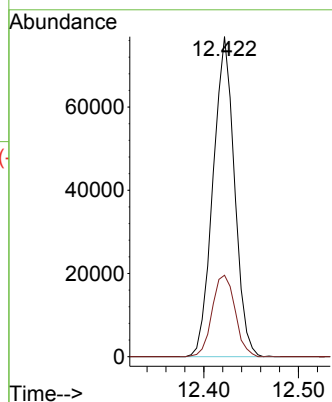
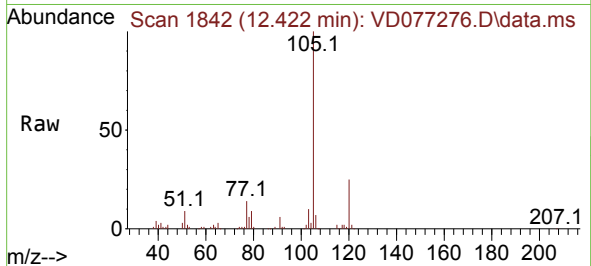




#73
Isopropylbenzene
Concen: 9.497 ug/l
RT: 12.422 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077276.D
Acq: 05 Oct 2023 15:36

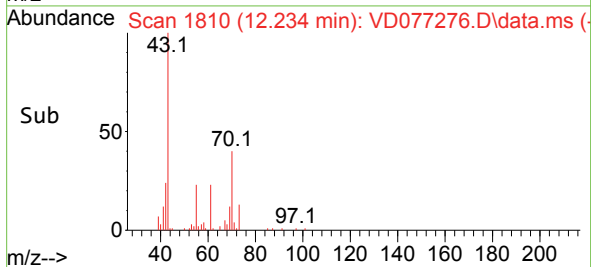
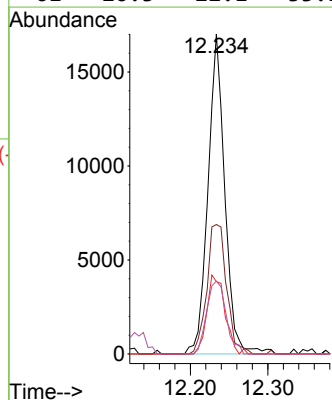
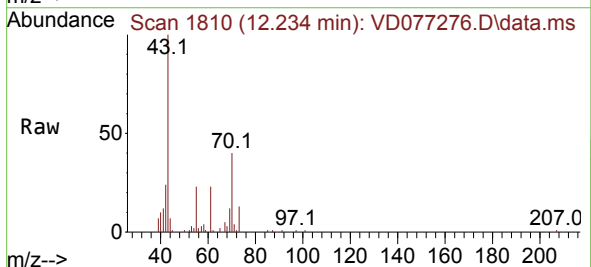
Instrument :
MSVOA_D
ClientSampleId :

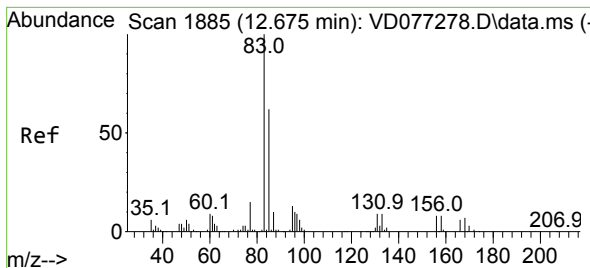
Tgt Ion:105 Resp: 120894
Ion Ratio Lower Upper
105 100
120 27.2 14.3 42.9



#74
N-ethyl acetate
Concen: 9.823 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD077276.D
Acq: 05 Oct 2023 15:36

Tgt Ion: 43 Resp: 25679
Ion Ratio Lower Upper
43 100
70 47.4 45.0 67.4
55 26.4 23.8 35.6
61 26.3 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 10.315 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD077276.D

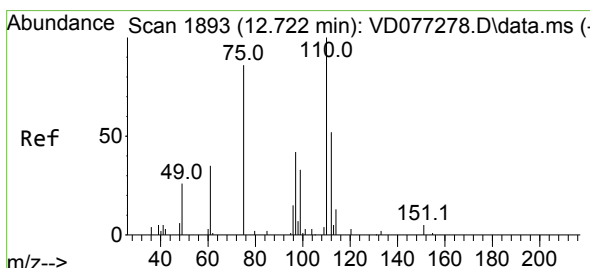
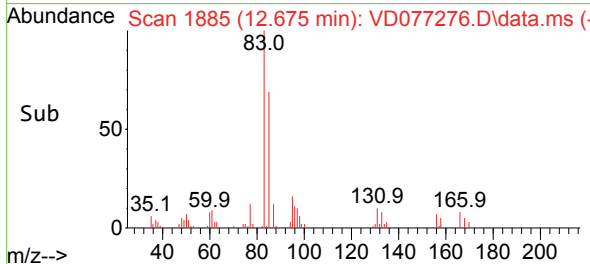
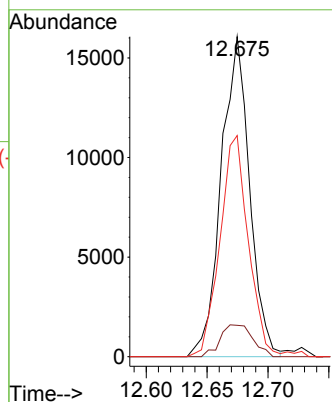
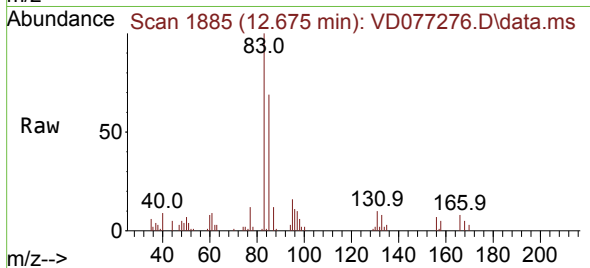
Acq: 05 Oct 2023 15:36

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	83	Resp:	26092
Ion Ratio	Lower	Upper	
83	100		
131	11.4	5.1	15.3
85	68.9	32.6	97.8



#76

1,2,3-Trichloropropane

Concen: 23.291 ug/l

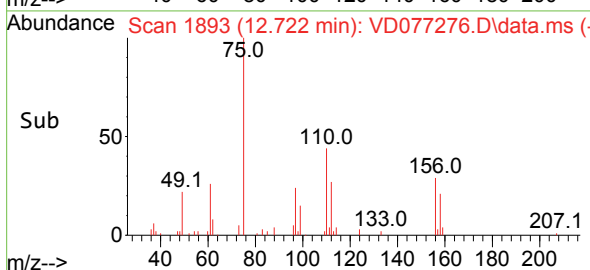
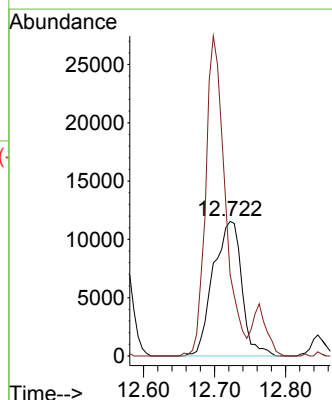
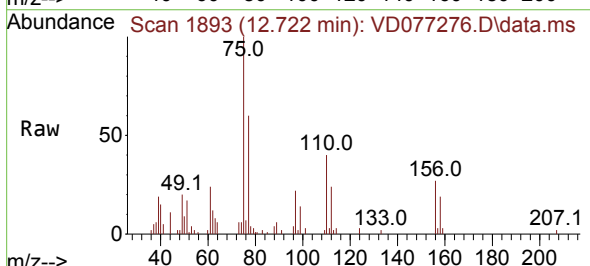
RT: 12.722 min Scan# 1893

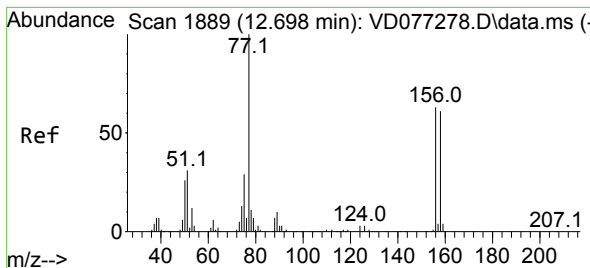
Delta R.T. -0.000 min

Lab File: VD077276.D

Acq: 05 Oct 2023 15:36

Tgt Ion:	75	Resp:	32246
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 10.536 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.000 min

Lab File: VD077276.D

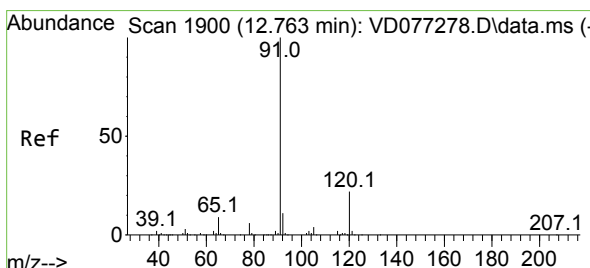
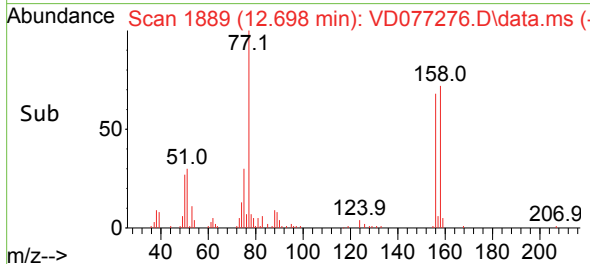
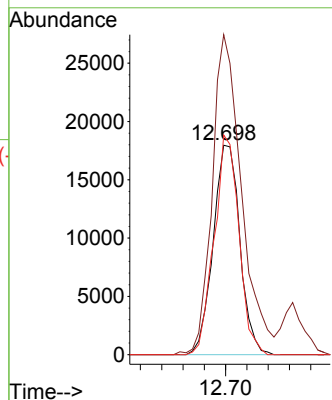
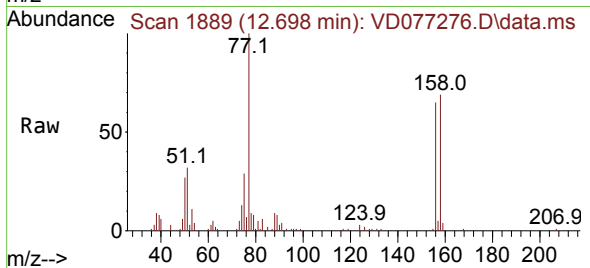
Acq: 05 Oct 2023 15:36

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	156	Resp:	31302
Ion Ratio	Lower	Upper	
156	100		
77	167.8	76.8	230.4
158	97.4	48.6	145.9



#78

n-propylbenzene

Concen: 9.612 ug/l

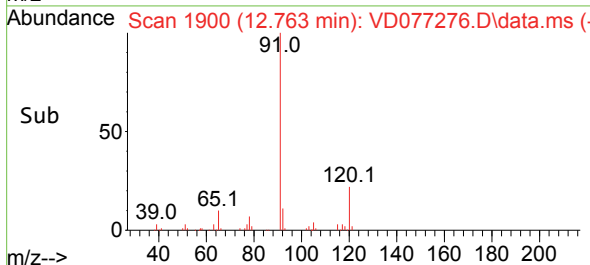
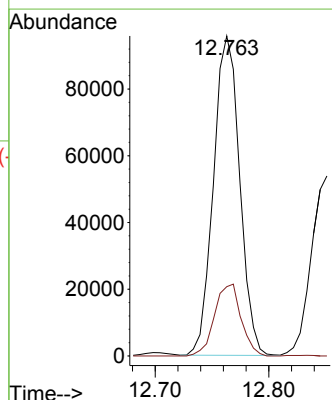
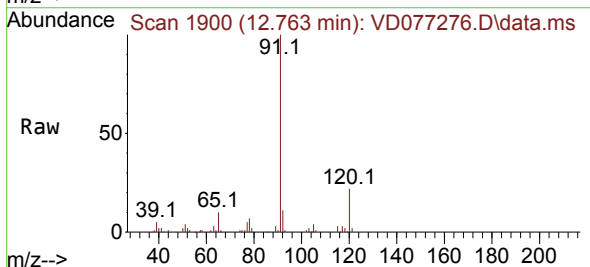
RT: 12.763 min Scan# 1900

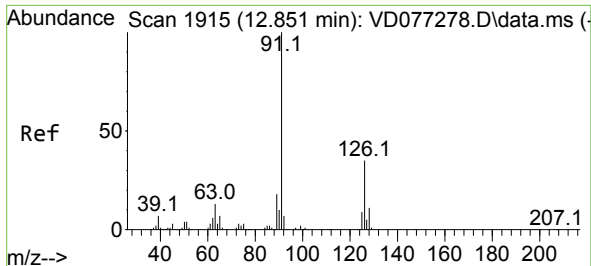
Delta R.T. -0.000 min

Lab File: VD077276.D

Acq: 05 Oct 2023 15:36

Tgt Ion:	91	Resp:	153611
Ion Ratio	Lower	Upper	
91	100		
120	22.8	12.4	37.2

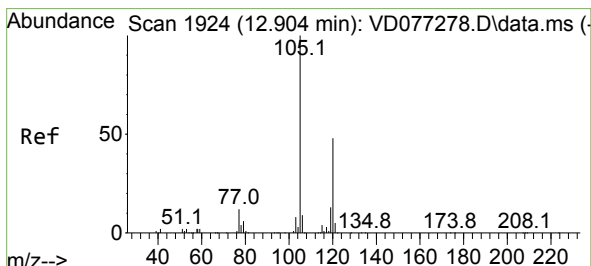
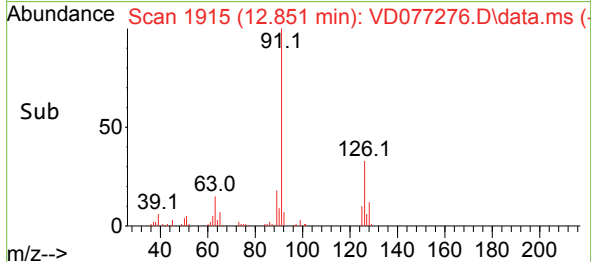
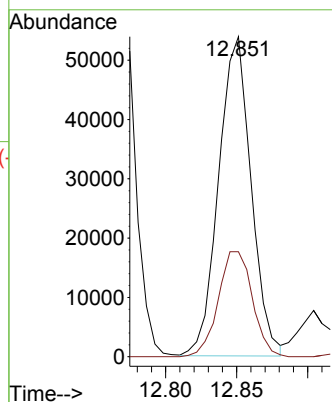
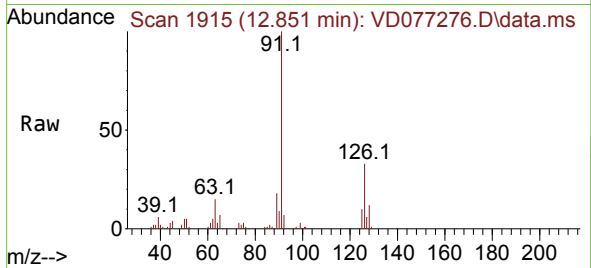




#79
2-Chlorotoluene
Concen: 9.958 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD077276.D
Acq: 05 Oct 2023 15:36

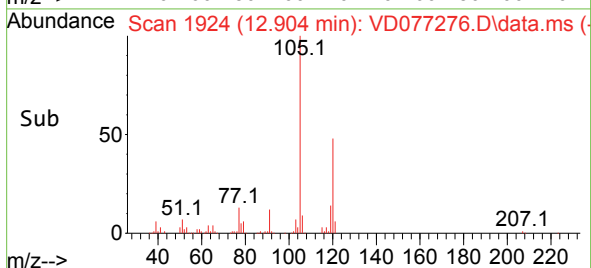
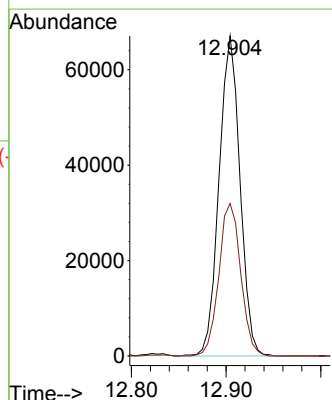
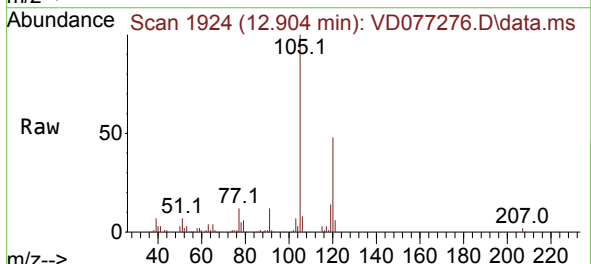
Instrument :
MSVOA_D
ClientSampleId :

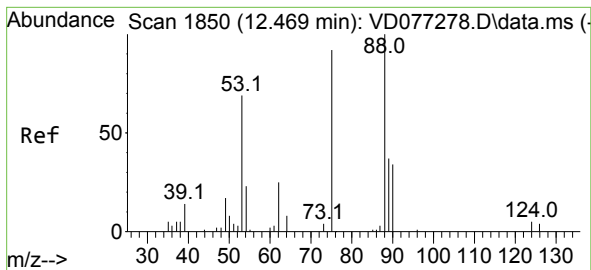
Tgt Ion: 91 Resp: 85645
Ion Ratio Lower Upper
91 100
126 34.6 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 9.810 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD077276.D
Acq: 05 Oct 2023 15:36

Tgt Ion: 105 Resp: 103203
Ion Ratio Lower Upper
105 100
120 49.7 26.4 79.2

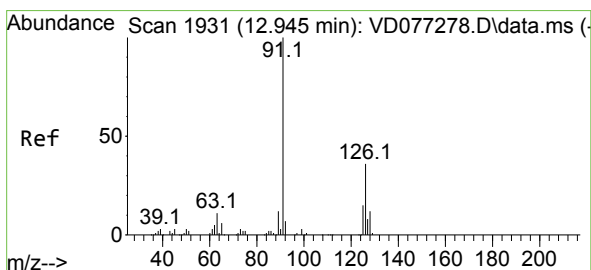
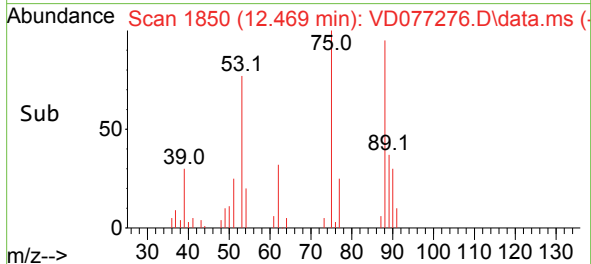
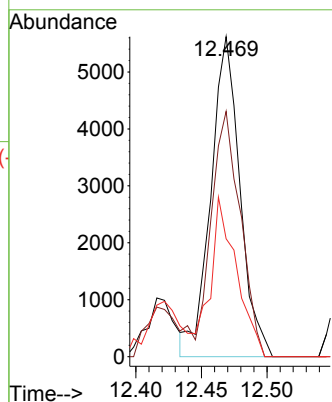
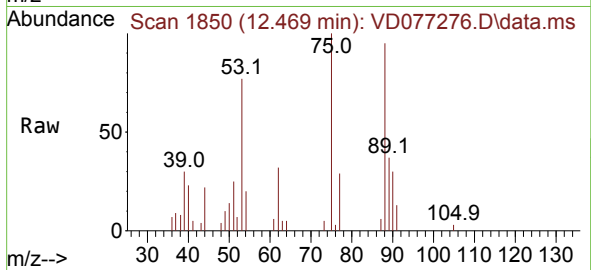




#81
trans-1,4-Dichloro-2-butene
Concen: 10.555 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD077276.D
Acq: 05 Oct 2023 15:36

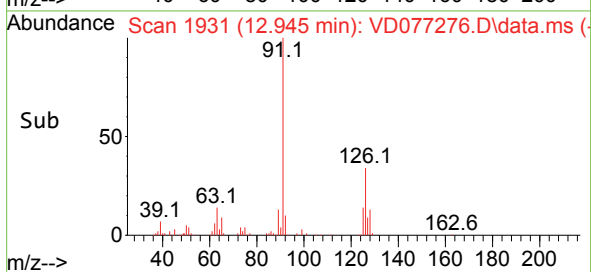
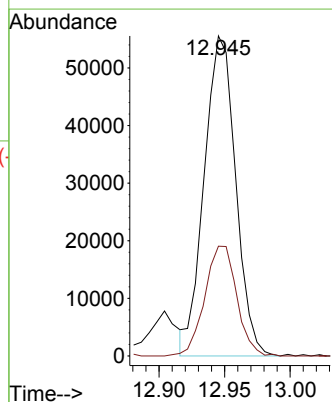
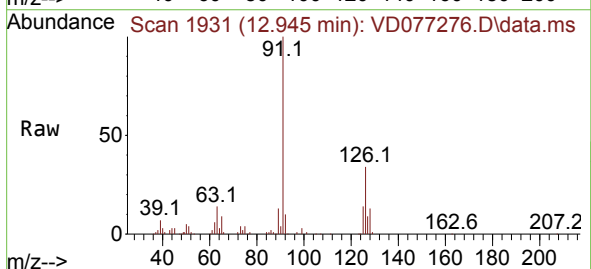
Instrument :
MSVOA_D
ClientSampleId :

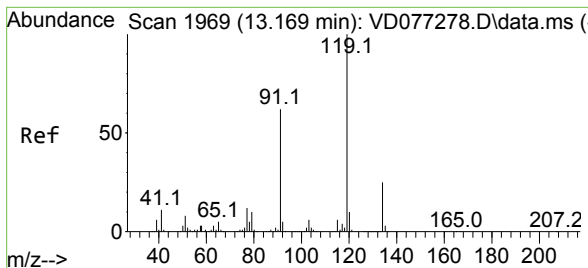
Tgt Ion: 75 Resp: 8659
Ion Ratio Lower Upper
75 100
53 76.0 63.0 94.4
89 43.9 37.9 56.9



#82
4-Chlorotoluene
Concen: 10.237 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD077276.D
Acq: 05 Oct 2023 15:36

Tgt Ion: 91 Resp: 92733
Ion Ratio Lower Upper
91 100
126 34.9 19.4 58.4





#83

tert-Butylbenzene

Concen: 9.773 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. -0.000 min

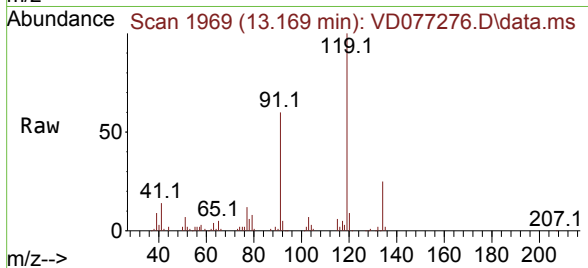
Lab File: VD077276.D

Acq: 05 Oct 2023 15:36

Instrument :

MSVOA_D

ClientSampleId :



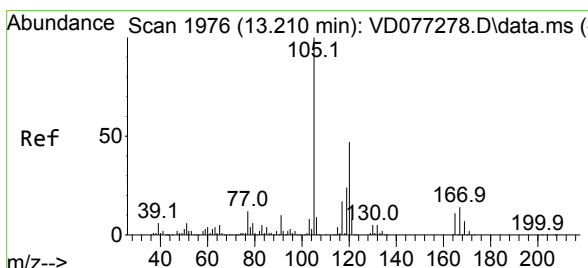
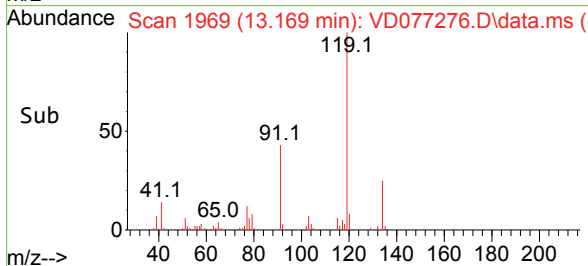
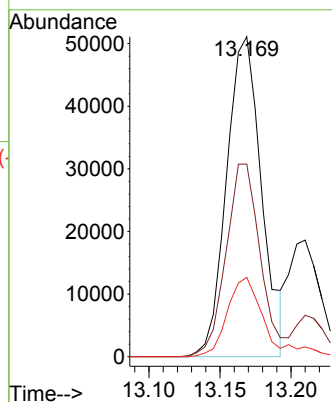
Tgt Ion:119 Resp: 87638

Ion Ratio Lower Upper

119 100

91 59.6 29.3 87.8

134 26.5 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 9.547 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VD077276.D

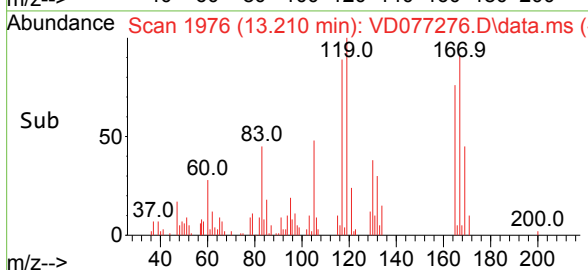
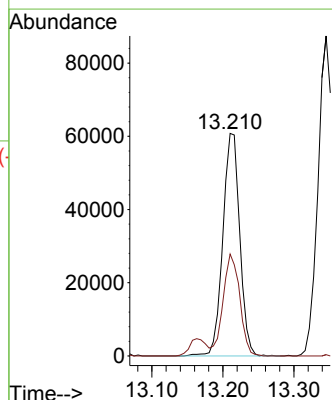
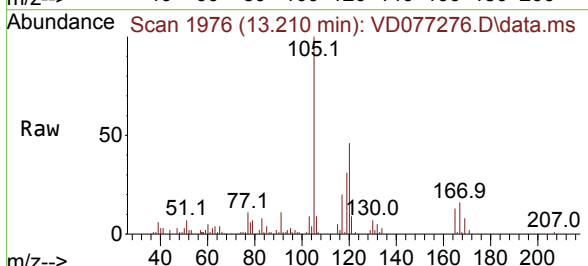
Acq: 05 Oct 2023 15:36

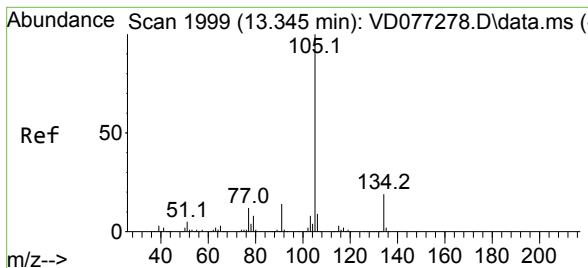
Tgt Ion:105 Resp: 100412

Ion Ratio Lower Upper

105 100

120 45.2 24.3 72.9





#85

sec-Butylbenzene

Concen: 9.811 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VD077276.D

Acq: 05 Oct 2023 15:36

Instrument :

MSVOA_D

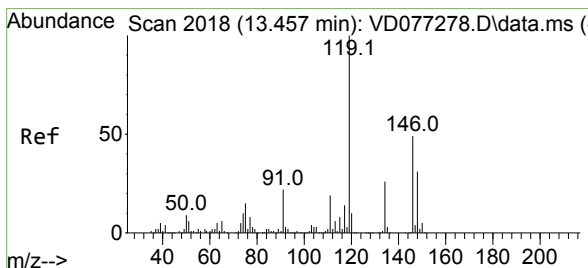
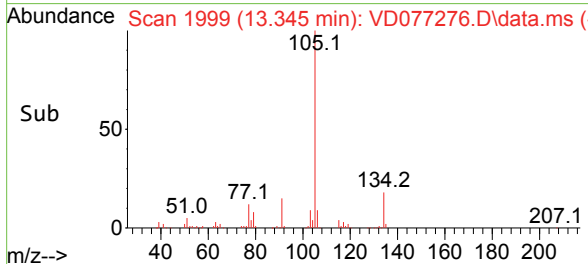
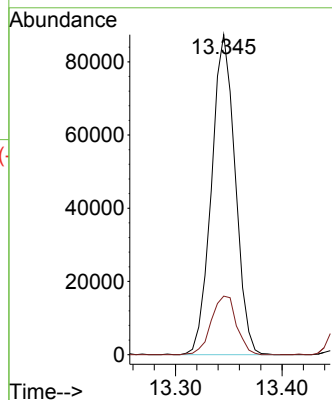
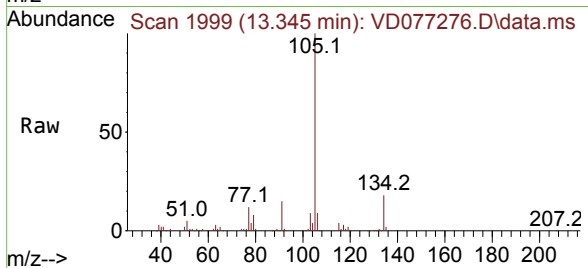
ClientSampleId :

Tgt Ion:105 Resp: 134916

Ion Ratio Lower Upper

105 100

134 19.5 10.9 32.9



#86

p-Isopropyltoluene

Concen: 9.554 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.006 min

Lab File: VD077276.D

Acq: 05 Oct 2023 15:36

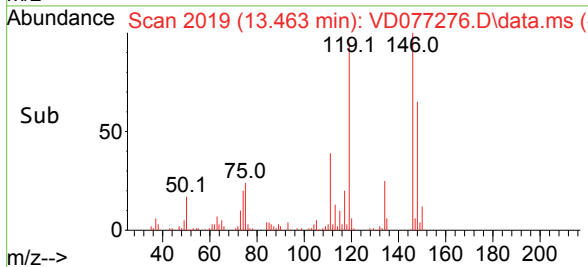
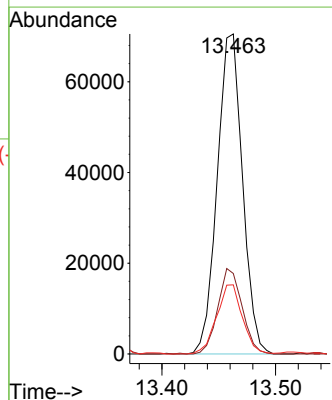
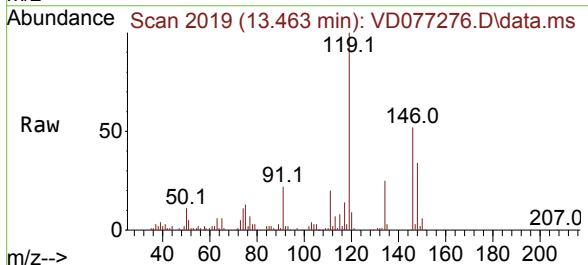
Tgt Ion:119 Resp: 109138

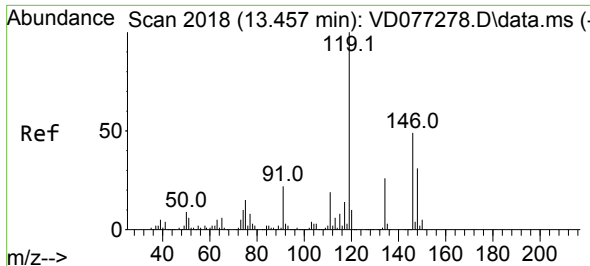
Ion Ratio Lower Upper

119 100

134 25.5 14.2 42.6

91 22.1 10.5 31.5

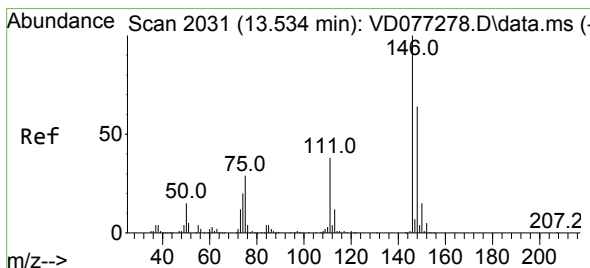
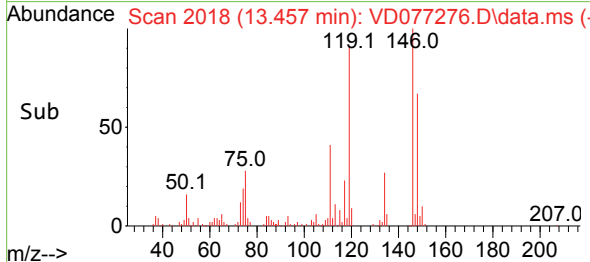
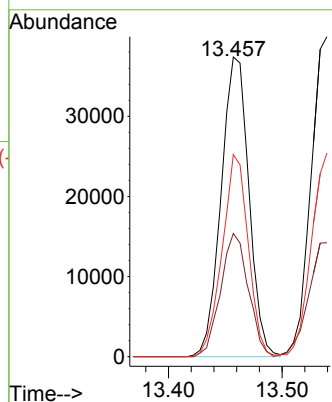
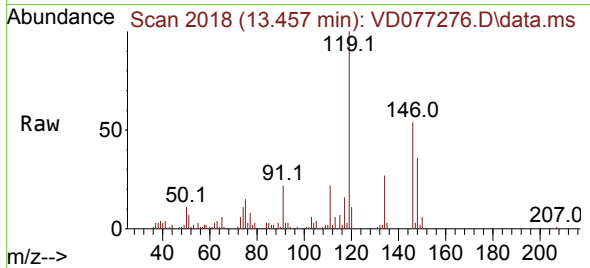




#87
1,3-Dichlorobenzene
Concen: 10.311 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD077276.D
Acq: 05 Oct 2023 15:36

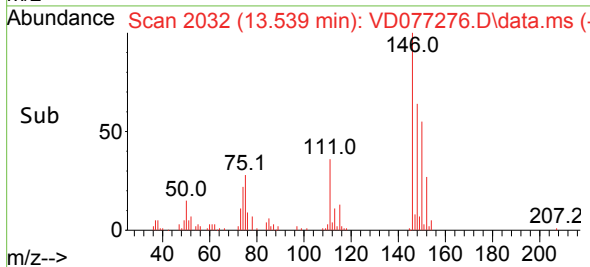
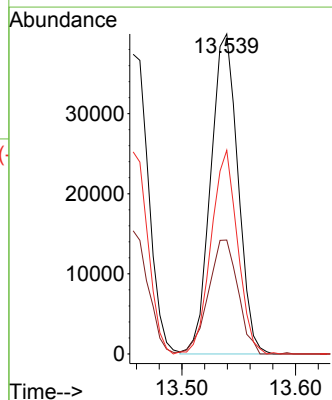
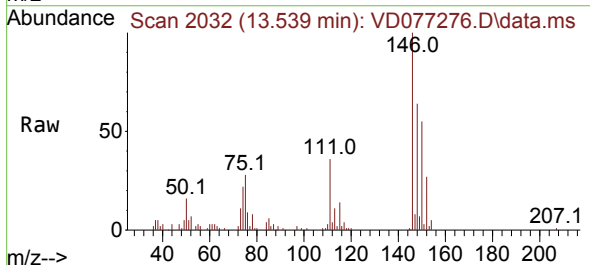
Instrument :
MSVOA_D
ClientSampleId :

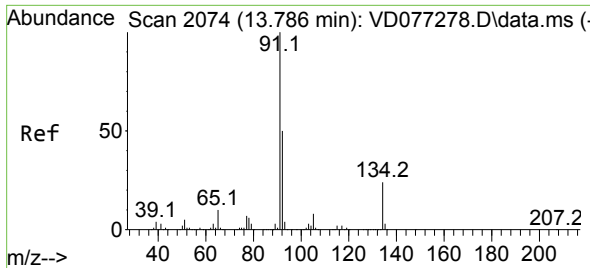
Tgt Ion:146 Resp: 63593
Ion Ratio Lower Upper
146 100
111 41.1 17.9 53.8
148 63.1 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 10.916 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VD077276.D
Acq: 05 Oct 2023 15:36

Tgt Ion:146 Resp: 66607
Ion Ratio Lower Upper
146 100
111 38.7 17.4 52.3
148 61.9 31.7 95.1

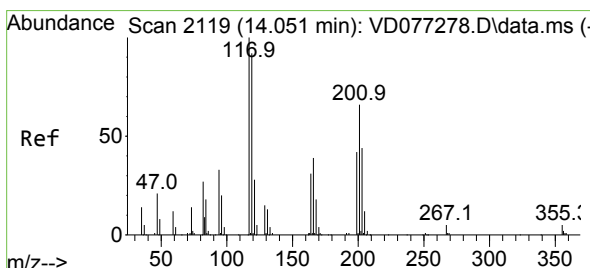
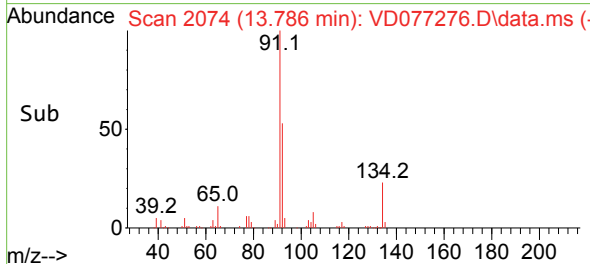
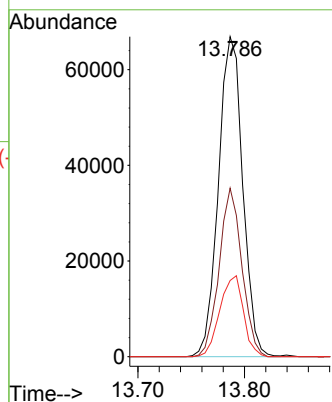
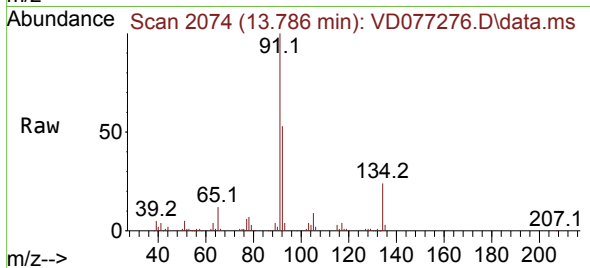




#89
n-Butylbenzene
Concen: 9.631 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD077276.D
Acq: 05 Oct 2023 15:36

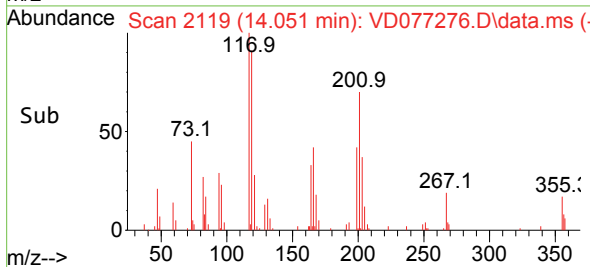
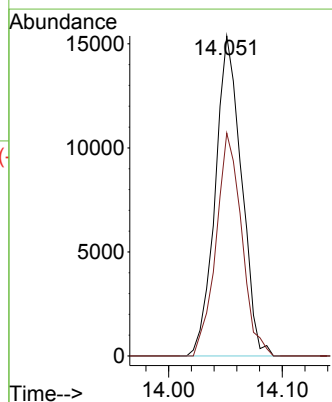
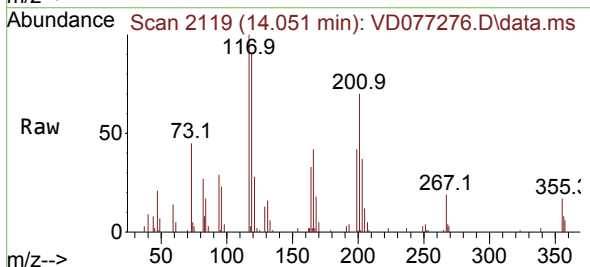
Instrument :
MSVOA_D
ClientSampleId :

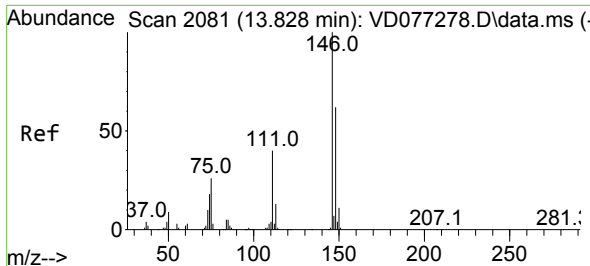
Tgt Ion: 91 Resp: 105991
Ion Ratio Lower Upper
91 100
92 49.3 26.5 79.5
134 24.6 13.8 41.3



#90
Hexachloroethane
Concen: 10.776 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.000 min
Lab File: VD077276.D
Acq: 05 Oct 2023 15:36

Tgt Ion: 117 Resp: 24647
Ion Ratio Lower Upper
117 100
201 68.1 38.5 115.5

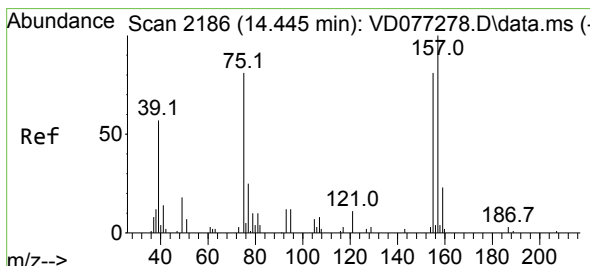
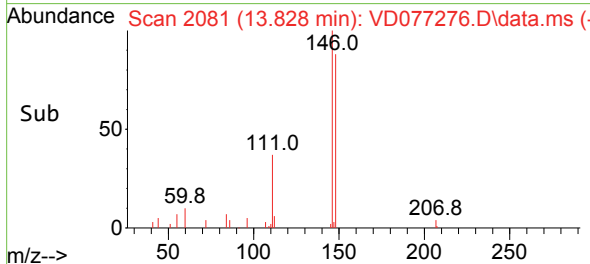
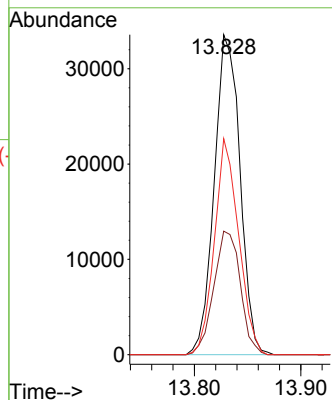
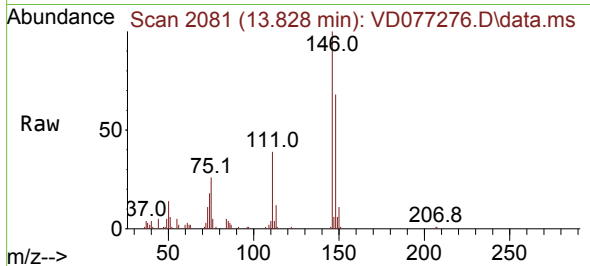




#91
 1,2-Dichlorobenzene
 Concen: 10.694 ug/l
 RT: 13.828 min Scan# 2081
 Delta R.T. -0.000 min
 Lab File: VD077276.D
 Acq: 05 Oct 2023 15:36

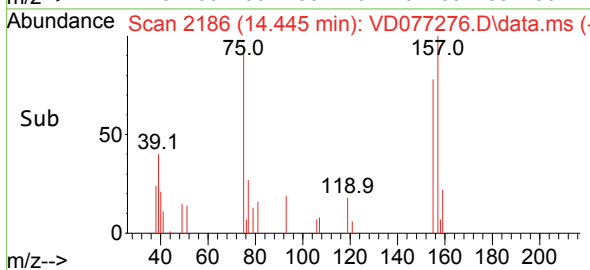
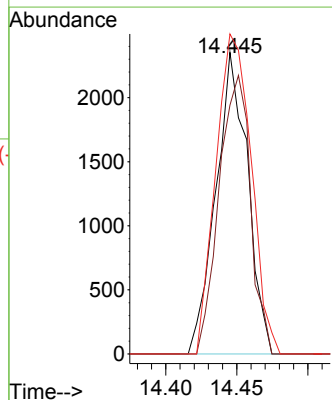
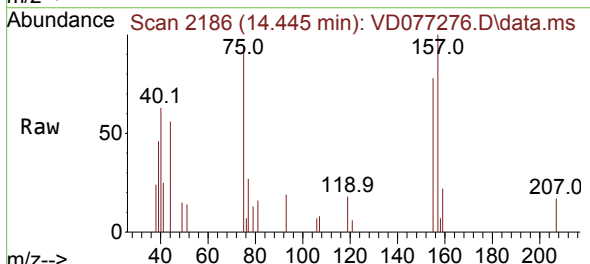
Instrument :
 MSVOA_D
 ClientSampleId :

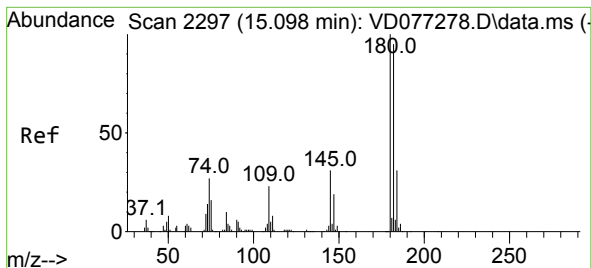
Tgt Ion:	146	Resp:	56292
Ion Ratio	Lower	Upper	
146	100		
111	39.9	18.3	54.8
148	63.7	31.6	94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 11.156 ug/l
 RT: 14.445 min Scan# 2186
 Delta R.T. -0.000 min
 Lab File: VD077276.D
 Acq: 05 Oct 2023 15:36

Tgt Ion:	75	Resp:	3654
Ion Ratio	Lower	Upper	
75	100		
155	91.3	47.9	143.8
157	118.4	59.9	179.7





#93

1,2,4-Trichlorobenzene

Concen: 9.648 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD077276.D

Acq: 05 Oct 2023 15:36

Instrument :

MSVOA_D

ClientSampleId :

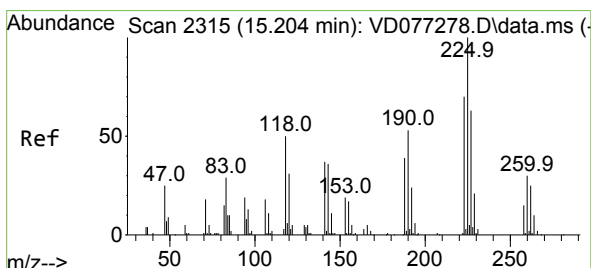
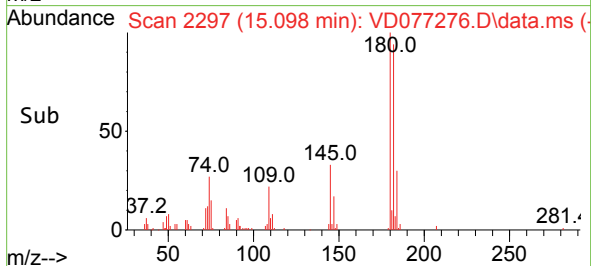
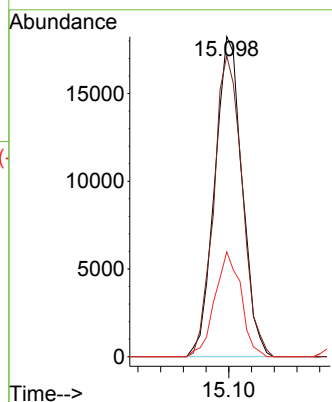
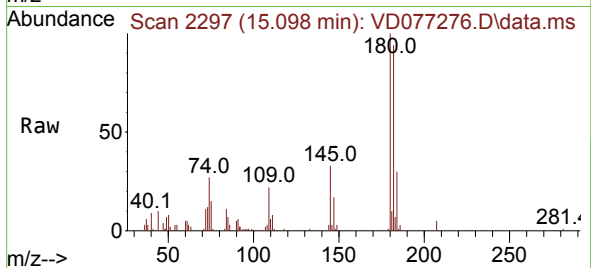
Tgt Ion:180 Resp: 30515

Ion Ratio Lower Upper

180 100

182 97.4 48.5 145.6

145 31.4 14.2 42.6



#94

Hexachlorobutadiene

Concen: 10.800 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD077276.D

Acq: 05 Oct 2023 15:36

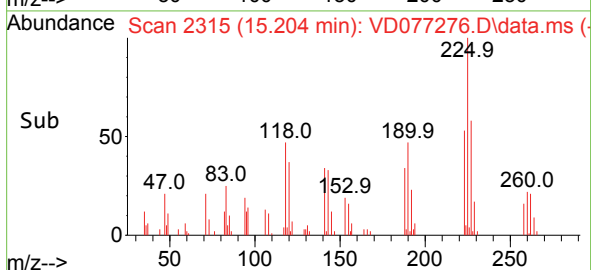
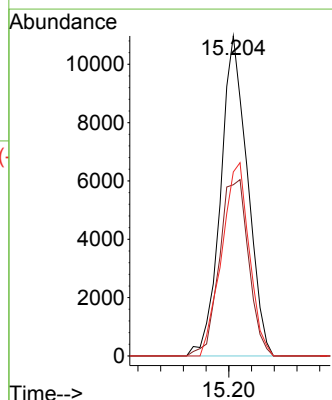
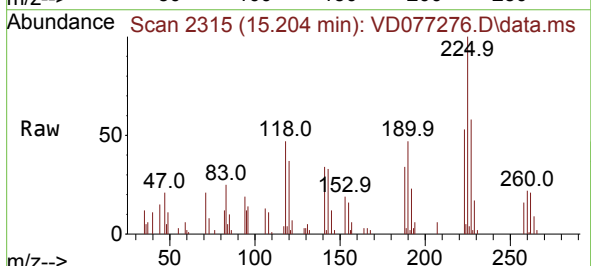
Tgt Ion:225 Resp: 17999

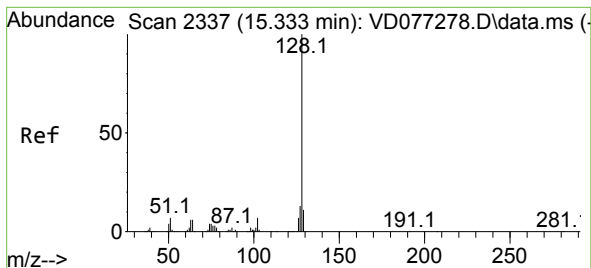
Ion Ratio Lower Upper

225 100

223 59.9 31.6 94.8

227 61.7 31.7 95.1





#95

Naphthalene

Concen: 9.360 ug/l

RT: 15.333 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD077276.D

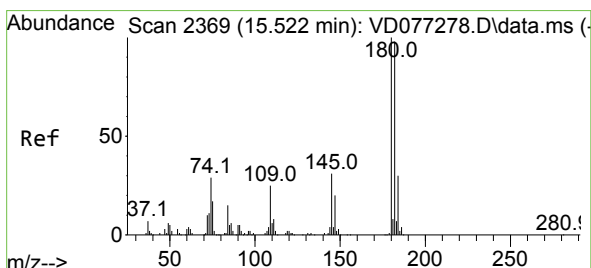
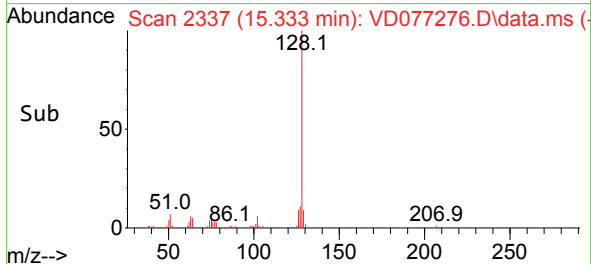
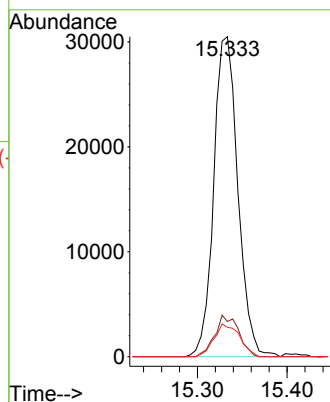
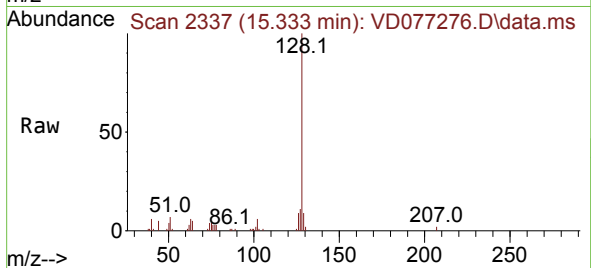
Acq: 05 Oct 2023 15:36

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:128	Resp:	56961
Ion Ratio	Lower	Upper
128	100	
127	11.0	10.5 15.7
129	9.2	8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 10.034 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD077276.D

Acq: 05 Oct 2023 15:36

Tgt Ion:180	Resp:	28232
Ion Ratio	Lower	Upper
180	100	
182	91.8	47.3 141.9
145	28.8	15.1 45.3

