

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121223\
 Data File : VD077820.D
 Acq On : 11 Dec 2023 19:16
 Operator : JC/SY
 Sample : VD1211SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 12 00:50:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 08 13:33:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	125758	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	224658	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	212516	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	109980	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	83128	56.096	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.200%
35) Dibromofluoromethane	7.810	113	84562	53.736	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.480%
50) Toluene-d8	10.269	98	345902	54.882	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.760%
62) 4-Bromofluorobenzene	12.575	95	101662	53.951	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	107.900%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	34509	21.967	ug/l	100
3) Chloromethane	2.152	50	51167	23.896	ug/l	99
4) Vinyl Chloride	2.287	62	64721	22.265	ug/l	99
5) Bromomethane	2.693	94	40584	24.881	ug/l	99
6) Chloroethane	2.840	64	45464	22.940	ug/l	99
7) Trichlorofluoromethane	3.181	101	57803	21.590	ug/l	99
8) Diethyl Ether	3.593	74	16971	22.575	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.975	101	32593	21.280	ug/l	95
10) Methyl Iodide	4.163	142	27063	24.184	ug/l	90
11) Tert butyl alcohol	5.052	59	7737	101.735	ug/l	98
12) 1,1-Dichloroethene	3.946	96	32871	21.745	ug/l #	79
13) Acrolein	3.805	56	14865	94.829	ug/l	91
14) Allyl chloride	4.563	41	46766	22.494	ug/l #	92
15) Acrylonitrile	5.258	53	35229	109.449	ug/l #	85
16) Acetone	4.022	43	43997	121.111	ug/l #	82
17) Carbon Disulfide	4.275	76	110469	21.601	ug/l	96
18) Methyl Acetate	4.569	43	26230	22.475	ug/l	95
19) Methyl tert-butyl Ether	5.328	73	73997	23.072	ug/l	95
20) Methylene Chloride	4.810	84	44871	22.947	ug/l	89
21) trans-1,2-Dichloroethene	5.316	96	38711	22.609	ug/l	89
22) Diisopropyl ether	6.222	45	100637	23.163	ug/l #	91
23) Vinyl Acetate	6.157	43	237310	111.851	ug/l #	89
24) 1,1-Dichloroethane	6.116	63	68657	23.335	ug/l	95
25) 2-Butanone	7.081	43	49983	114.569	ug/l #	86
26) 2,2-Dichloropropane	7.075	77	55344	22.404	ug/l	93
27) cis-1,2-Dichloroethene	7.081	96	44861	24.350	ug/l	91
28) Bromochloromethane	7.428	49	26861	22.594	ug/l	81
29) Tetrahydrofuran	7.452	42	26508	112.334	ug/l #	83
30) Chloroform	7.599	83	71082	24.140	ug/l	96
31) Cyclohexane	7.881	56	54426	20.649	ug/l	90
32) 1,1,1-Trichloroethane	7.799	97	57793	22.264	ug/l	98
36) 1,1-Dichloropropene	8.010	75	52321	20.786	ug/l	96
37) Ethyl Acetate	7.175	43	16642	16.956	ug/l	99
38) Carbon Tetrachloride	7.999	117	52487	20.916	ug/l	91
39) Methylcyclohexane	9.275	83	59798	20.039	ug/l	94
40) Benzene	8.257	78	157245	22.010	ug/l	95

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 ClientSampleId :

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 Quant Title : SW846 8260
 QLast Update : Fri Dec 08 13:33:18 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	11900	23.855	ug/l	87
42) 1,2-Dichloroethane	8.328	62	40822	22.044	ug/l	96
43) Isopropyl Acetate	8.357	43	36919	21.160	ug/l	92
44) Trichloroethene	9.028	130	39748	21.350	ug/l	95
45) 1,2-Dichloropropane	9.304	63	38541	22.192	ug/l	98
46) Dibromomethane	9.398	93	20372	22.169	ug/l	94
47) Bromodichloromethane	9.587	83	51159	21.964	ug/l #	92
48) Methyl methacrylate	9.387	41	21402	21.579	ug/l #	79
49) 1,4-Dioxane	9.375	88	3621	396.837	ug/l #	79
51) 4-Methyl-2-Pentanone	10.163	43	92194	103.538	ug/l	88
52) Toluene	10.334	92	98952	22.329	ug/l	99
53) t-1,3-Dichloropropene	10.557	75	48301	21.595	ug/l	91
54) cis-1,3-Dichloropropene	10.022	75	59573	22.029	ug/l #	89
55) 1,1,2-Trichloroethane	10.734	97	27623	21.976	ug/l #	86
56) Ethyl methacrylate	10.598	69	23690	21.380	ug/l #	83
57) 1,3-Dichloropropane	10.881	76	49115	22.669	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.875	63	63981	101.254	ug/l	92
59) 2-Hexanone	10.922	43	73206	99.095	ug/l	86
60) Dibromochloromethane	11.075	129	34115	22.543	ug/l	96
61) 1,2-Dibromoethane	11.181	107	26280	22.211	ug/l	96
64) Tetrachloroethene	10.810	164	33205	21.258	ug/l	91
65) Chlorobenzene	11.610	112	105501	19.943	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	37287	21.099	ug/l	96
67) Ethyl Benzene	11.687	91	183500	20.740	ug/l	100
68) m/p-Xylenes	11.792	106	144738	42.768	ug/l	94
69) o-Xylene	12.122	106	66715	21.390	ug/l	91
70) Styrene	12.140	104	100885	21.753	ug/l	96
71) Bromoform	12.292	173	19795	21.438	ug/l #	95
73) Isopropylbenzene	12.422	105	172284	20.669	ug/l	95
74) N-amyl acetate	12.234	43	32861	20.055	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.675	83	31592	21.737	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	39108	40.943	ug/l #	100
77) Bromobenzene	12.698	156	39788	20.294	ug/l	86
78) n-propylbenzene	12.763	91	210074	20.682	ug/l	97
79) 2-Chlorotoluene	12.851	91	115046	21.135	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	142024	20.429	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.475	75	10095	21.413	ug/l	96
82) 4-Chlorotoluene	12.945	91	122862	21.591	ug/l	94
83) tert-Butylbenzene	13.169	119	125361	21.359	ug/l	98
84) 1,2,4-Trimethylbenzene	13.216	105	147693	21.240	ug/l	98
85) sec-Butylbenzene	13.345	105	178716	20.600	ug/l	97
86) p-Isopropyltoluene	13.463	119	157732	20.307	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	84585	21.096	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	86180	20.590	ug/l	99
89) n-Butylbenzene	13.786	91	152137	20.815	ug/l	96
90) Hexachloroethane	14.051	117	31672	22.172	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	73104	21.438	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	4765	22.085	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	47547	20.414	ug/l	95
94) Hexachlorobutadiene	15.204	225	24478	19.489	ug/l	97
95) Naphthalene	15.333	128	79885	20.642	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	38173	19.880	ug/l	98

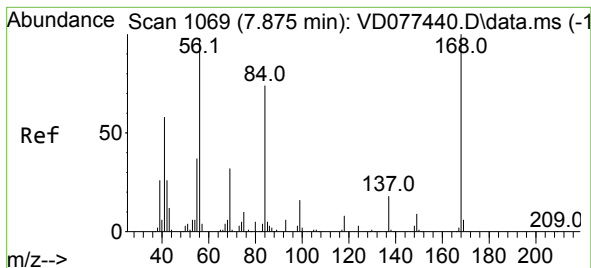
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Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VD077820.D

Acq: 11 Dec 2023 19:16

Instrument :

MSVOA_D

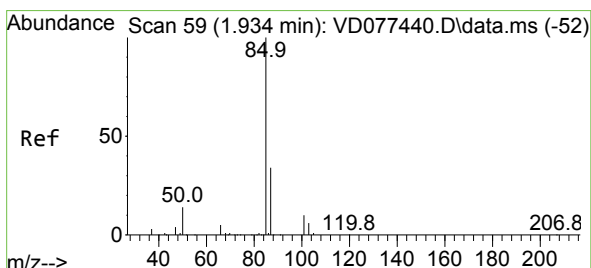
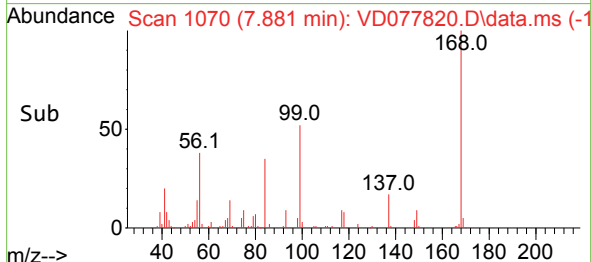
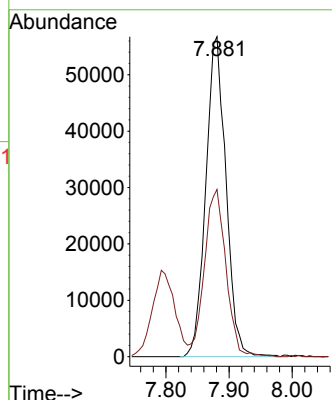
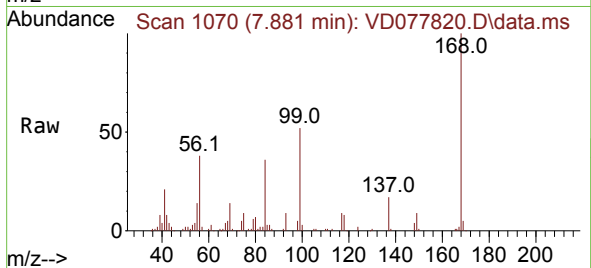
ClientSampleId :

Tgt Ion:168 Resp: 125758

Ion Ratio Lower Upper

168 100

99 52.2 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 21.967 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD077820.D

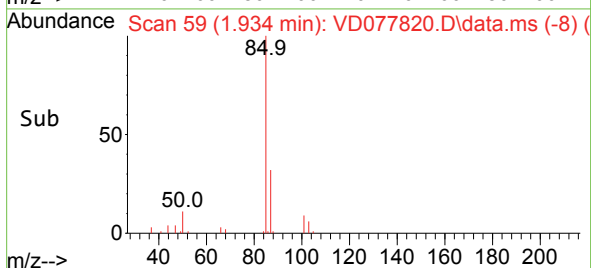
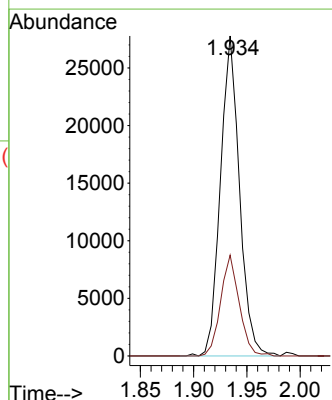
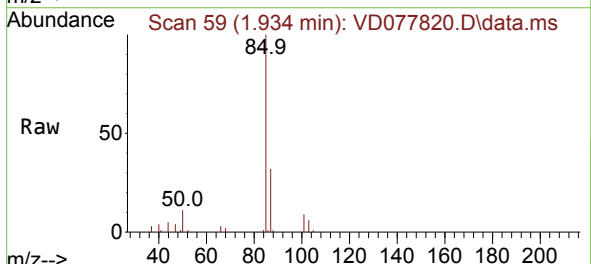
Acq: 11 Dec 2023 19:16

Tgt Ion: 85 Resp: 34509

Ion Ratio Lower Upper

85 100

87 31.5 15.7 47.0

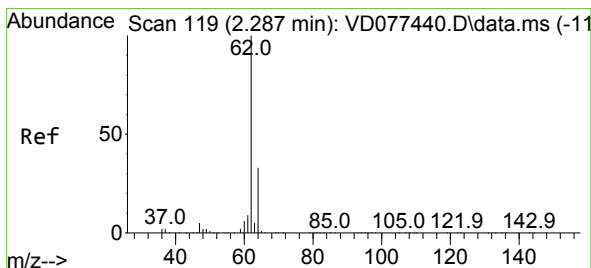
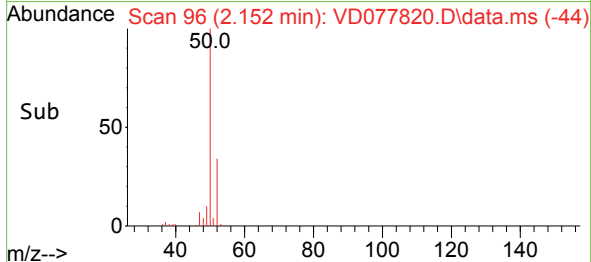
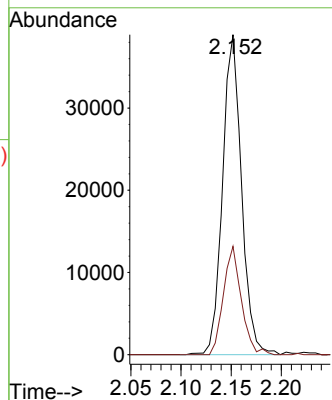
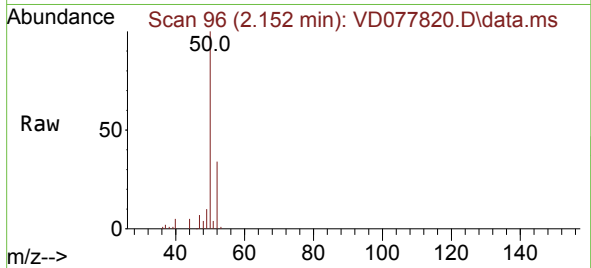




#3
Chloromethane
Concen: 23.896 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

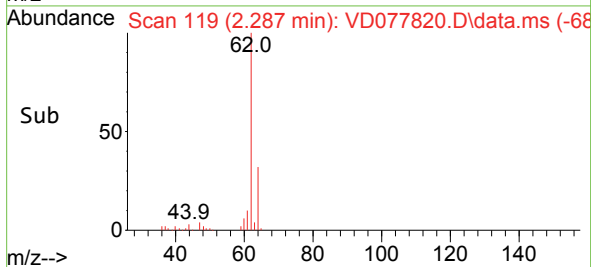
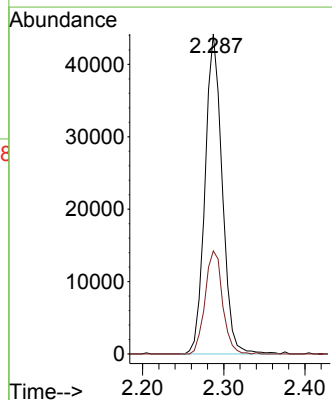
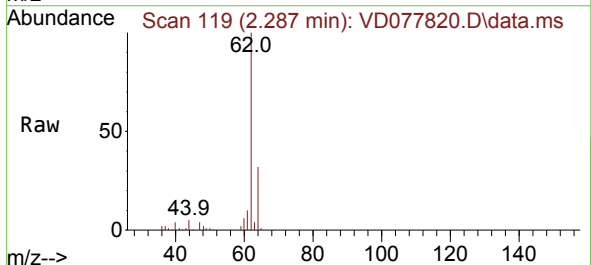
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 50 Resp: 51167
Ion Ratio Lower Upper
50 100
52 33.9 26.6 40.0



#4
Vinyl Chloride
Concen: 22.265 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

Tgt Ion: 62 Resp: 64721
Ion Ratio Lower Upper
62 100
64 32.2 26.0 39.0

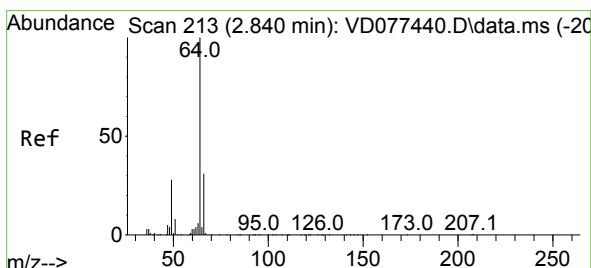
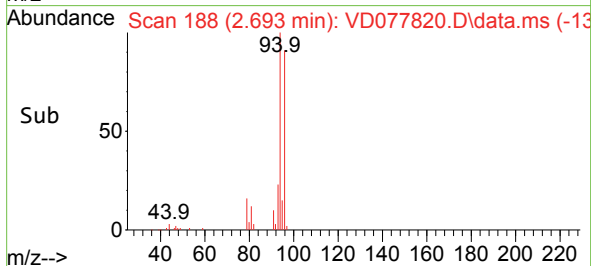
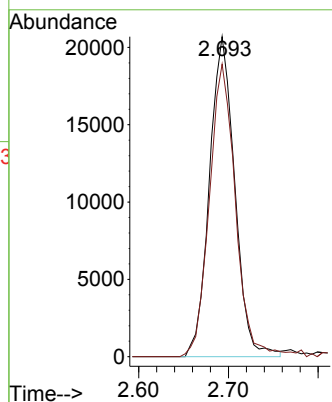
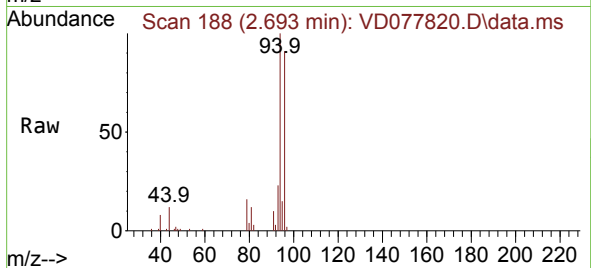




#5
Bromomethane
Concen: 24.881 ug/l
RT: 2.693 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

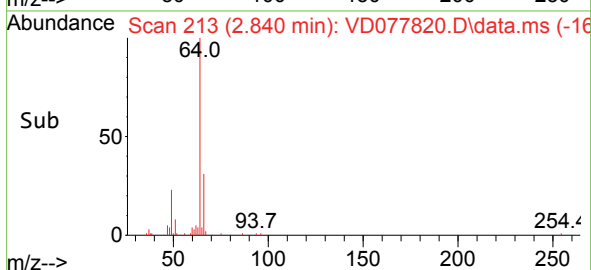
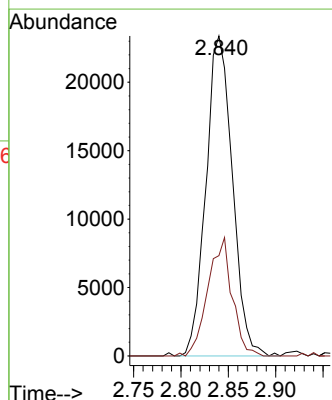
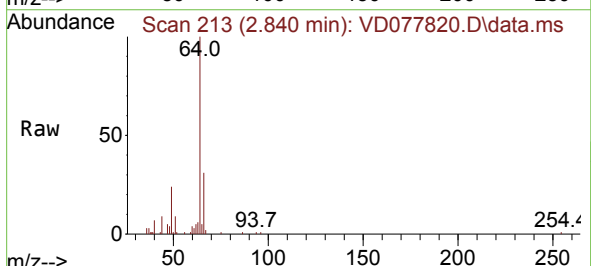
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MSVOA_D
ClientSampleId :

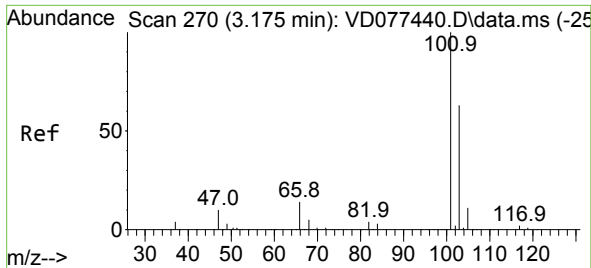
Tgt Ion: 94 Resp: 40584
Ion Ratio Lower Upper
94 100
96 93.9 75.8 113.8



#6
Chloroethane
Concen: 22.940 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

Tgt Ion: 64 Resp: 45464
Ion Ratio Lower Upper
64 100
66 31.3 25.5 38.3

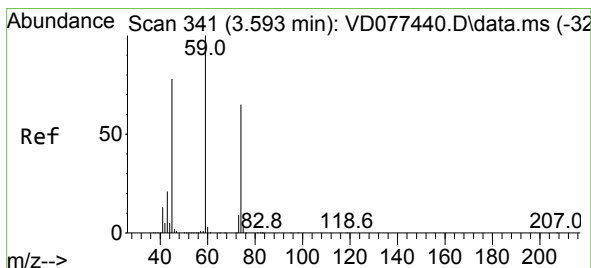
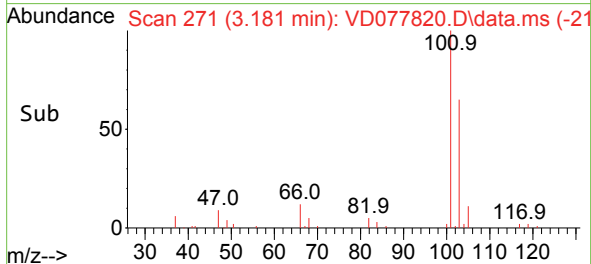
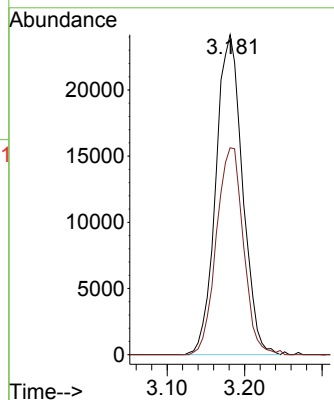
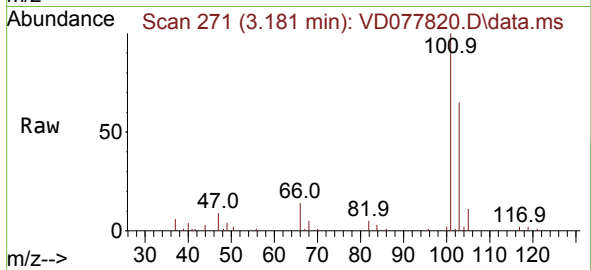




#7
 Trichlorofluoromethane
 Concen: 21.590 ug/l
 RT: 3.181 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD077820.D
 Acq: 11 Dec 2023 19:16

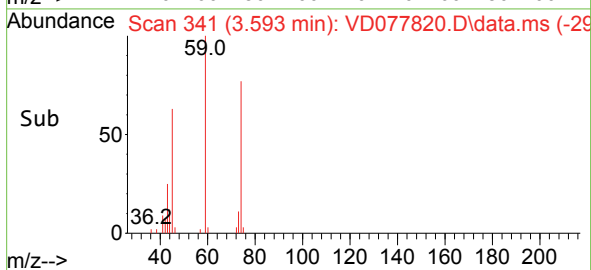
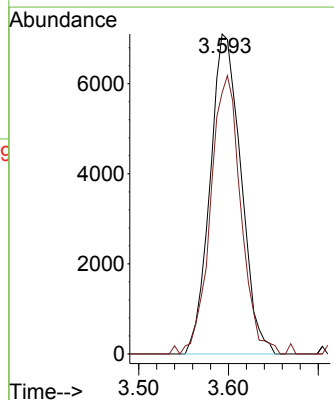
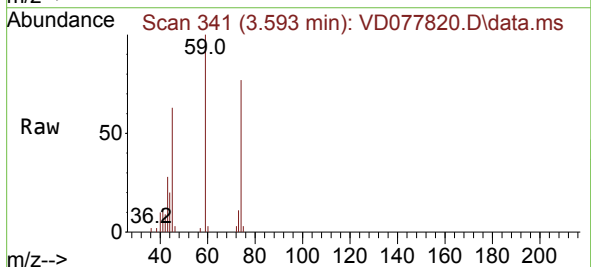
Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion:101 Resp: 57803
 Ion Ratio Lower Upper
 101 100
 103 64.7 52.3 78.5



#8
 Diethyl Ether
 Concen: 22.575 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VD077820.D
 Acq: 11 Dec 2023 19:16

Tgt Ion: 74 Resp: 16971
 Ion Ratio Lower Upper
 74 100
 45 85.4 37.5 112.7

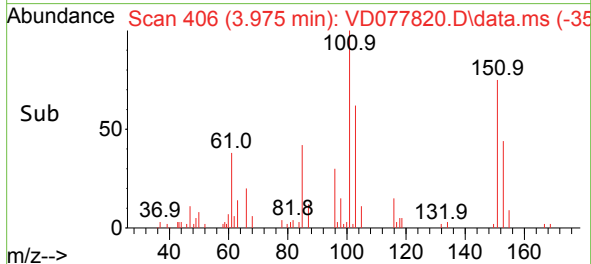
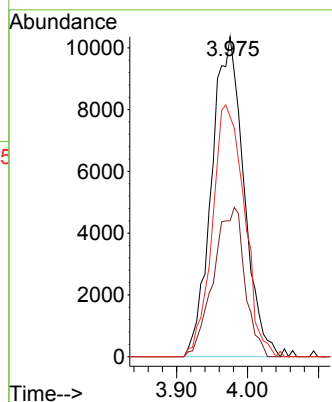
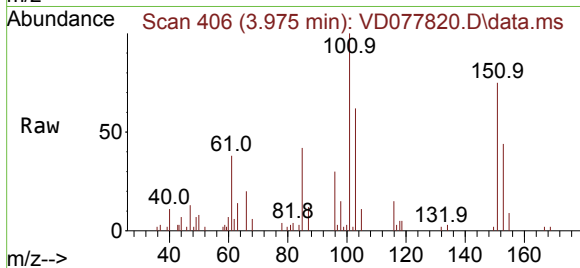




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.280 ug/l
RT: 3.975 min Scan# 406
Delta R.T. 0.012 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

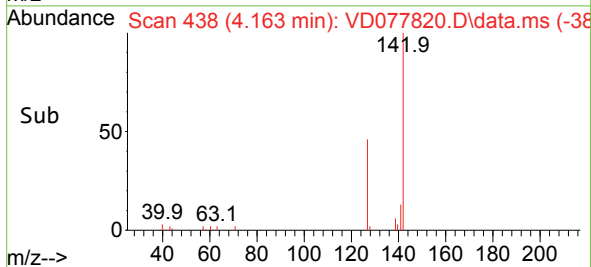
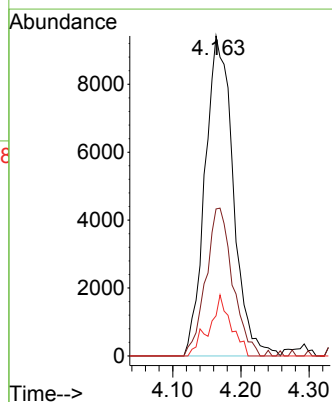
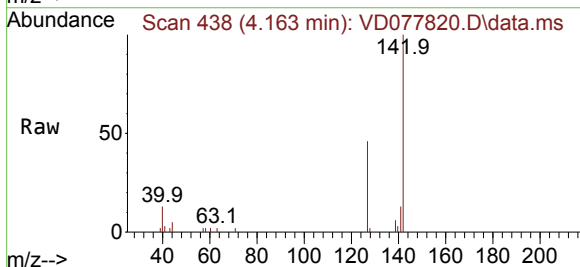
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MSVOA_D
ClientSampleId :

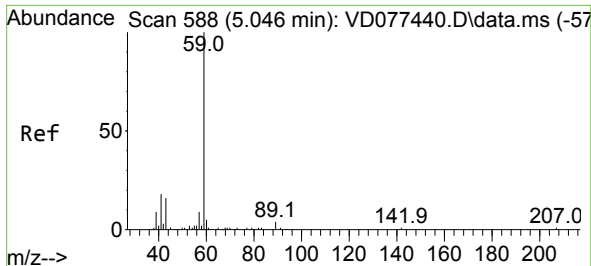
Tgt Ion:101 Resp: 32593
Ion Ratio Lower Upper
101 100
85 45.3 33.8 50.6
151 78.6 59.8 89.6



#10
Methyl Iodide
Concen: 24.184 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.006 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

Tgt Ion:142 Resp: 27063
Ion Ratio Lower Upper
142 100
127 44.0 29.4 44.0
141 14.7 11.1 16.7

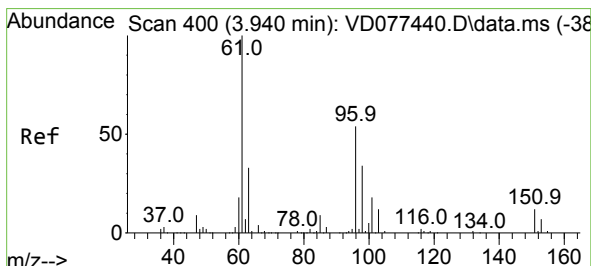
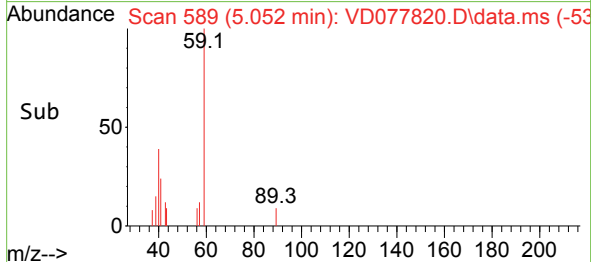
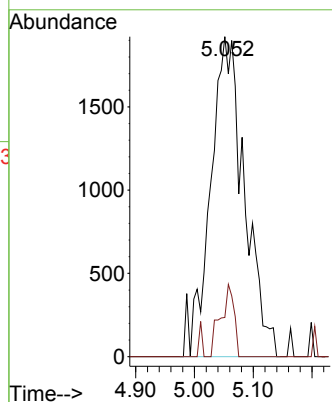
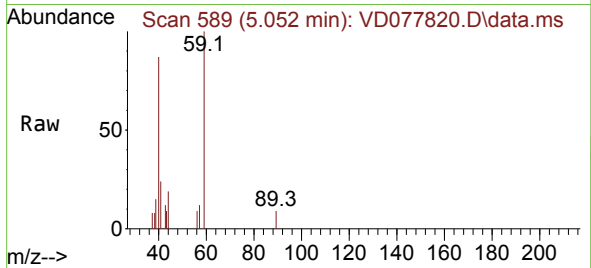




#11
Tert butyl alcohol
Concen: 101.735 ug/l
RT: 5.052 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

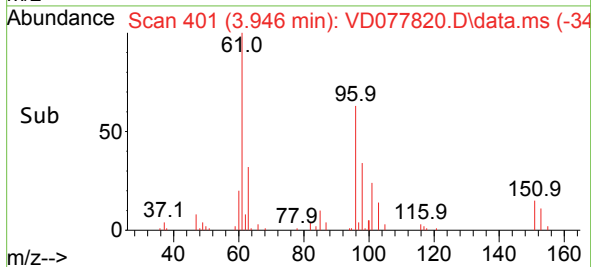
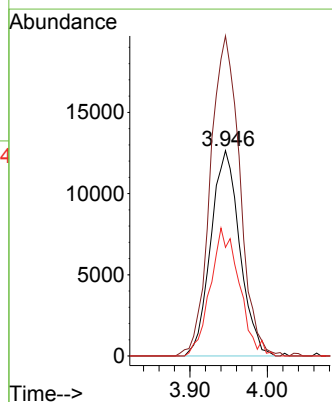
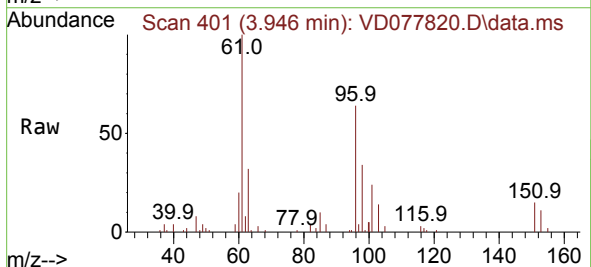
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 59 Resp: 7737
Ion Ratio Lower Upper
59 100
57 8.9 7.8 11.8



#12
1,1-Dichloroethene
Concen: 21.745 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

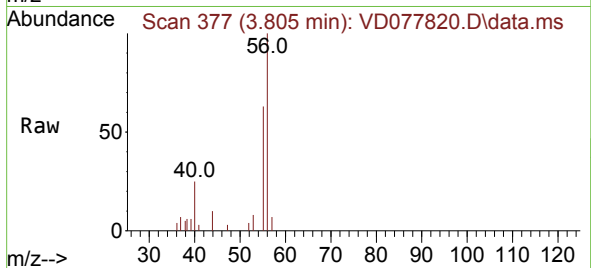
Tgt Ion: 96 Resp: 32871
Ion Ratio Lower Upper
96 100
61 154.5 100.6 150.8#
98 52.9 50.2 75.2



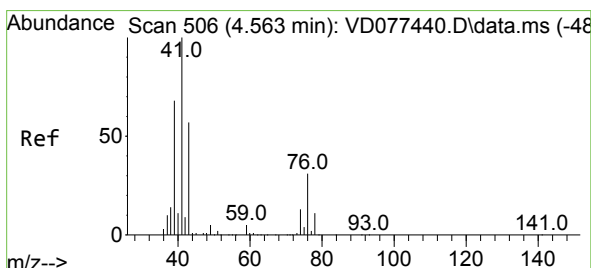
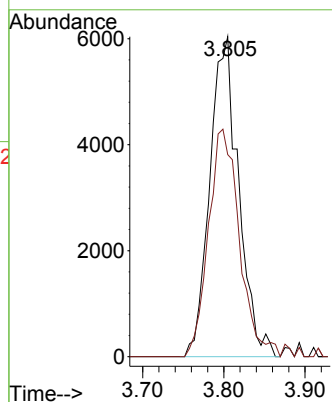
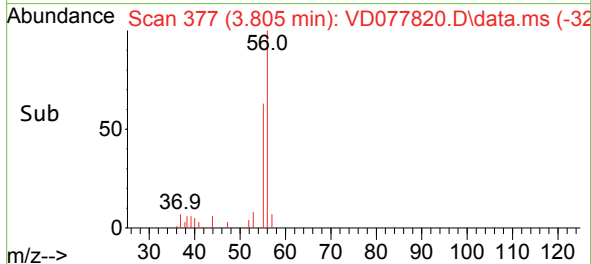


#13
Acrolein
Concen: 94.829 ug/l
RT: 3.805 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

Instrument :
MSVOA_D
ClientSampleId :

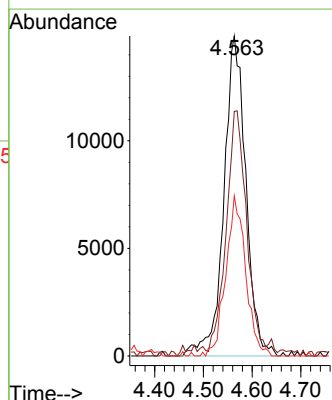
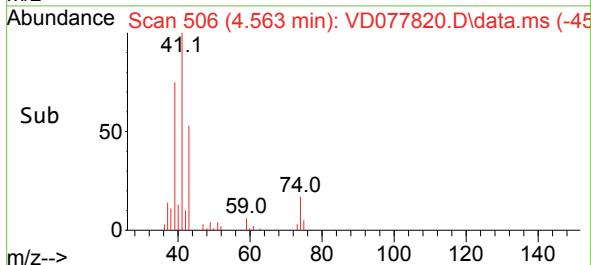
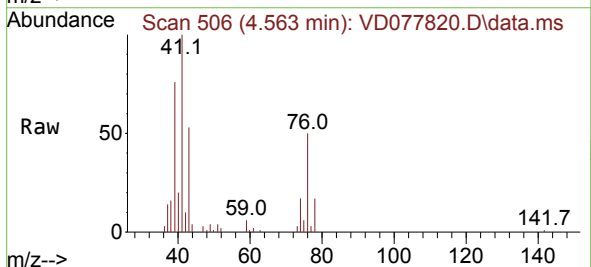


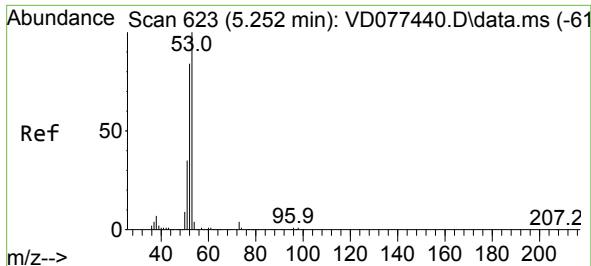
Tgt Ion: 56 Resp: 14865
Ion Ratio Lower Upper
56 100
55 76.4 55.1 82.7



#14
Allyl chloride
Concen: 22.494 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

Tgt Ion: 41 Resp: 46766
Ion Ratio Lower Upper
41 100
39 68.5 53.8 80.6
76 45.2 45.8 68.8#

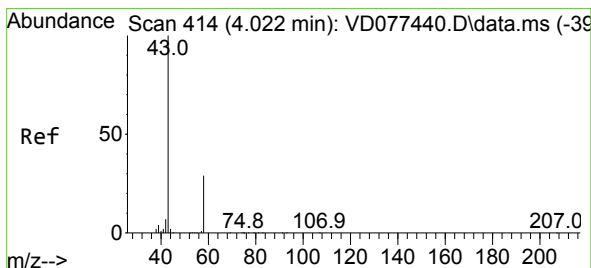
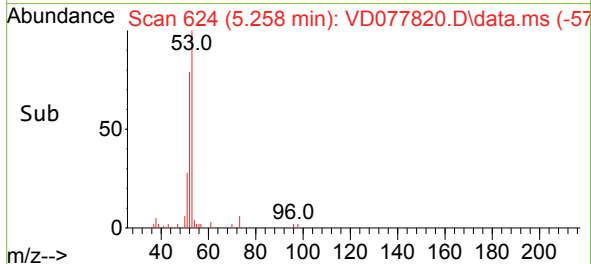
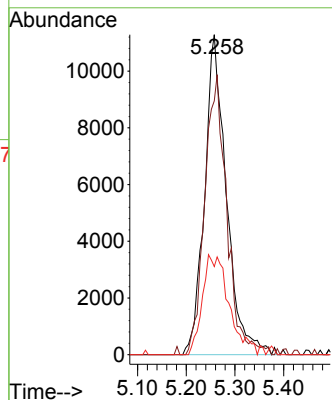
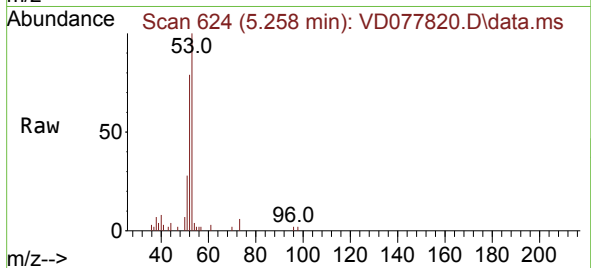




#15
Acrylonitrile
Concen: 109.449 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

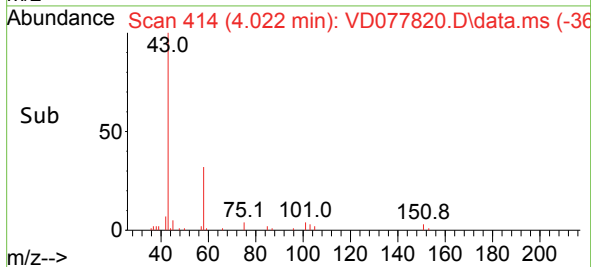
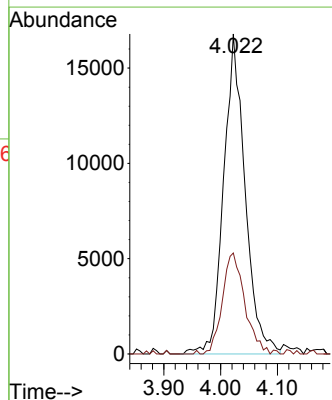
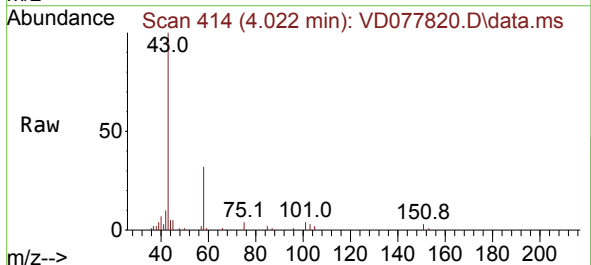
Instrument :
MSVOA_D
ClientSampleId :

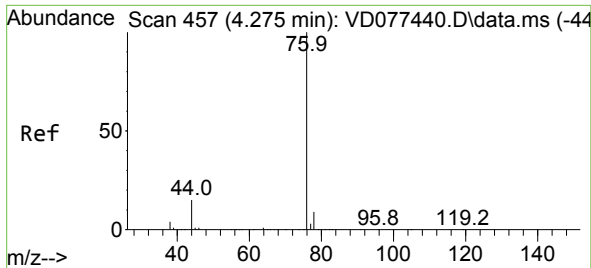
Tgt Ion: 53 Resp: 35229
Ion Ratio Lower Upper
53 100
52 88.5 65.0 97.4
51 17.8 28.3 42.5#



#16
Acetone
Concen: 121.111 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

Tgt Ion: 43 Resp: 43997
Ion Ratio Lower Upper
43 100
58 31.6 34.7 52.1#

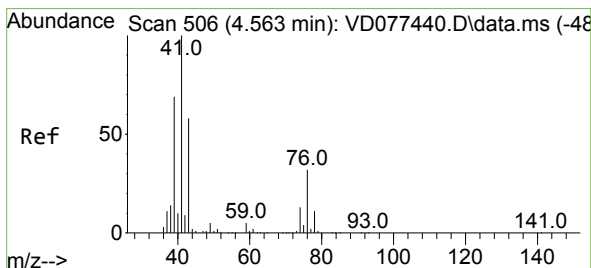
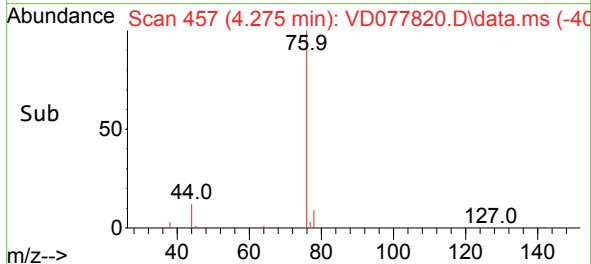
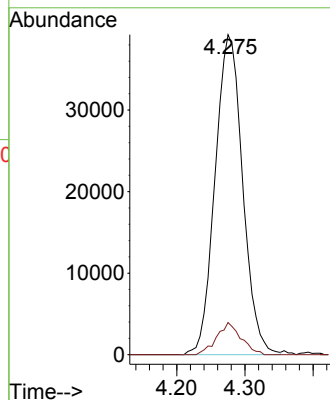
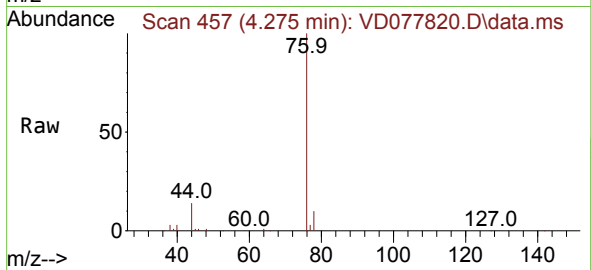




#17
Carbon Disulfide
Concen: 21.601 ug/l
RT: 4.275 min Scan# 411
Delta R.T. 0.000 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

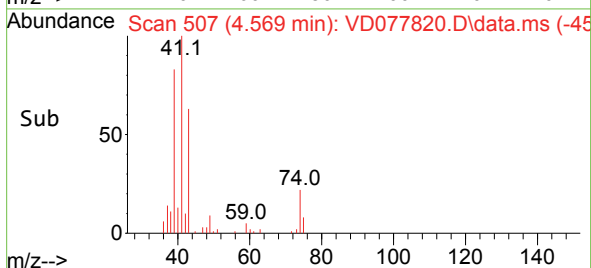
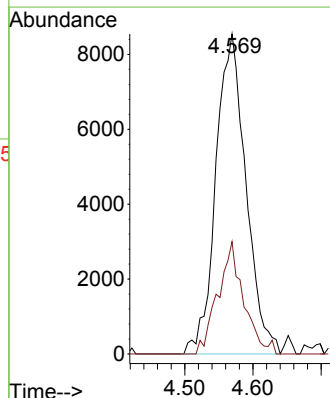
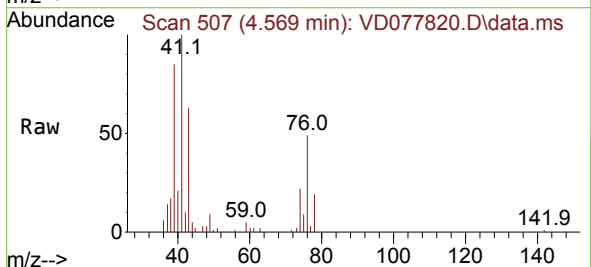
Instrument :
MSVOA_D
ClientSampleId :

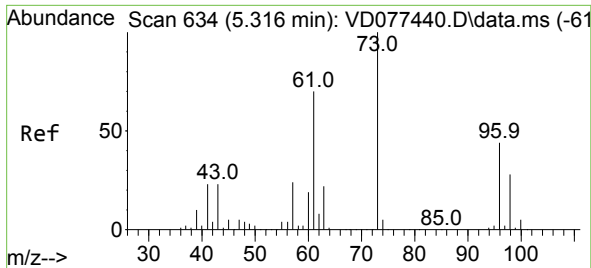
Tgt Ion: 76 Resp: 110469
Ion Ratio Lower Upper
76 100
78 10.1 6.8 10.2



#18
Methyl Acetate
Concen: 22.475 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

Tgt Ion: 43 Resp: 26230
Ion Ratio Lower Upper
43 100
74 30.1 26.4 39.6

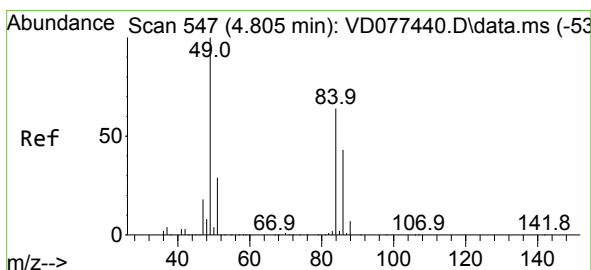
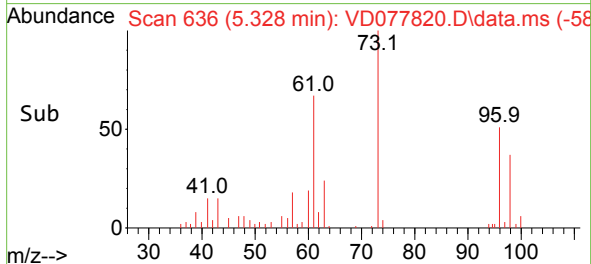
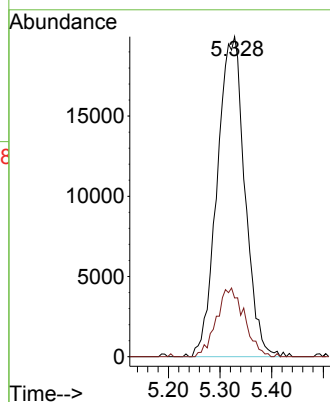
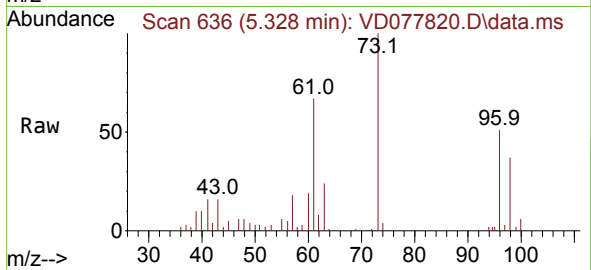




#19
Methyl tert-butyl Ether
Concen: 23.072 ug/l
RT: 5.328 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

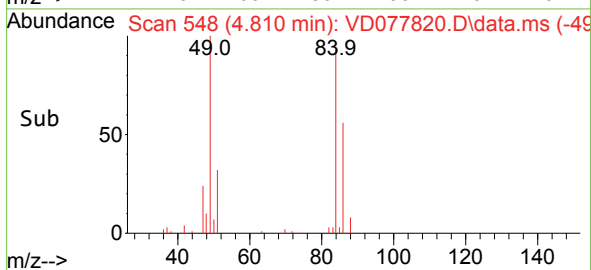
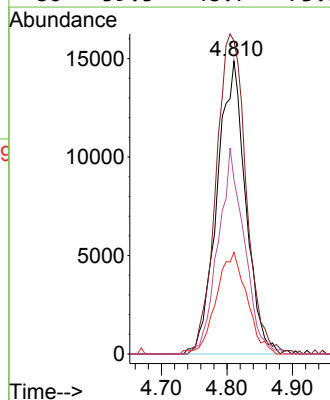
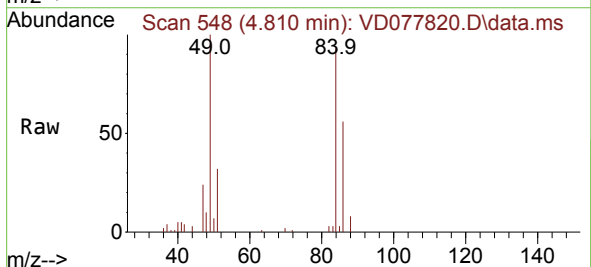
Instrument :
MSVOA_D
ClientSampleId :

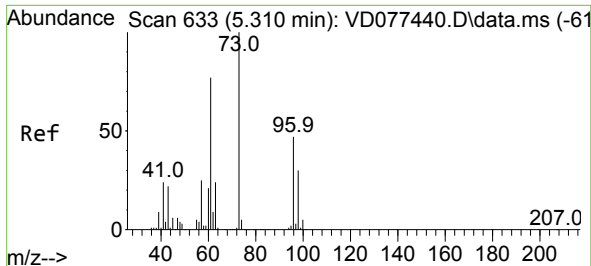
Tgt Ion: 73 Resp: 73997
Ion Ratio Lower Upper
73 100
57 18.3 16.6 25.0



#20
Methylene Chloride
Concen: 22.947 ug/l
RT: 4.810 min Scan# 548
Delta R.T. 0.005 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

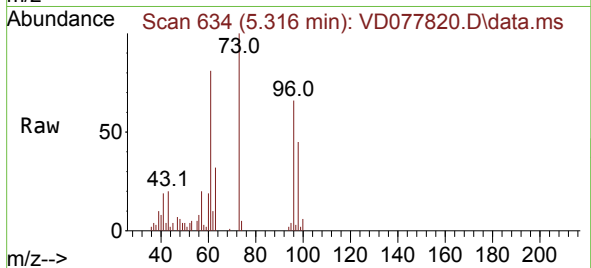
Tgt Ion: 84 Resp: 44871
Ion Ratio Lower Upper
84 100
49 107.0 71.4 107.2
51 34.7 24.5 36.7
86 59.5 48.7 73.1



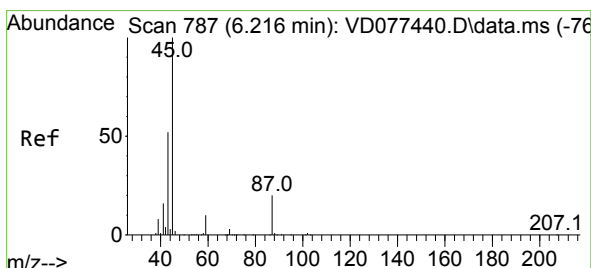
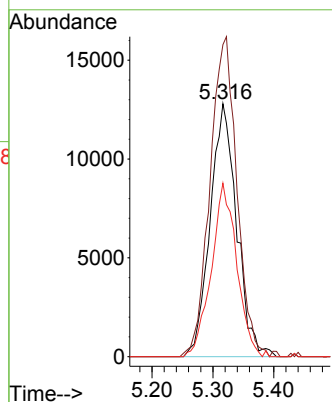
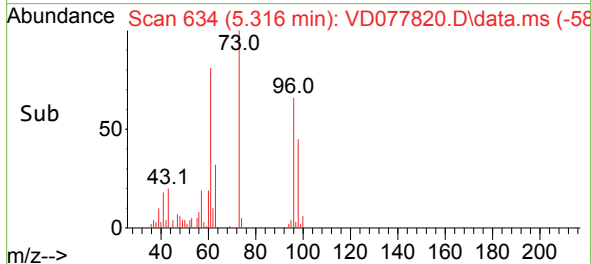


#21
trans-1,2-Dichloroethene
Concen: 22.609 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

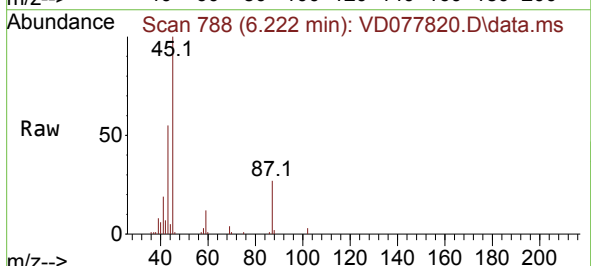
Instrument :
MSVOA_D
ClientSampleId :



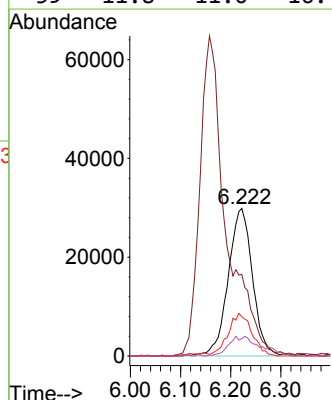
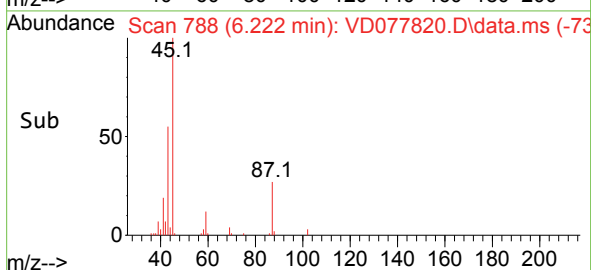
Tgt Ion: 96 Resp: 38711
Ion Ratio Lower Upper
96 100
61 123.3 89.3 133.9
98 68.6 48.6 73.0

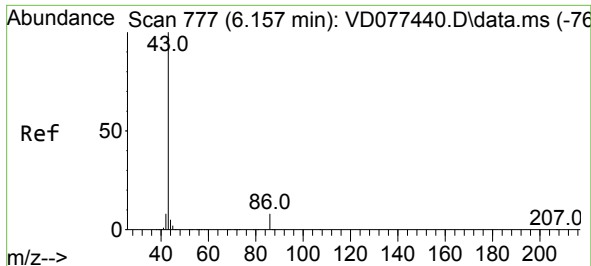


#22
Diisopropyl ether
Concen: 23.163 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16



Tgt Ion: 45 Resp: 100637
Ion Ratio Lower Upper
45 100
43 53.9 40.0 60.0
87 26.6 28.2 42.4#
59 11.8 11.0 16.4

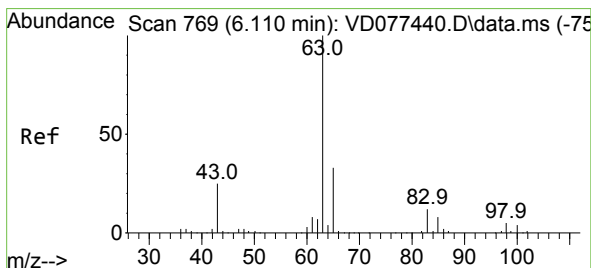
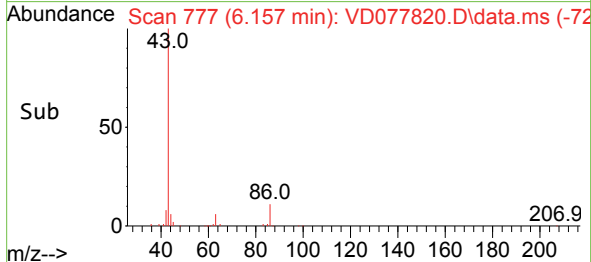
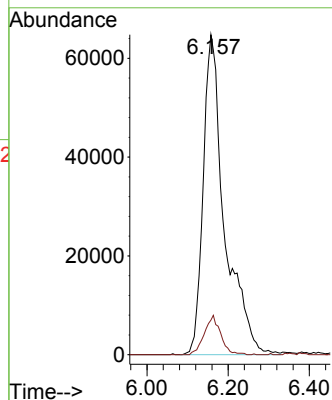
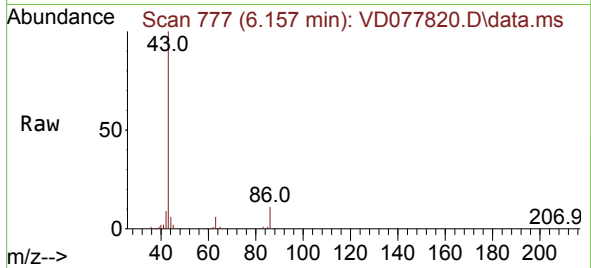




#23
 Vinyl Acetate
 Concen: 111.851 ug/l
 RT: 6.157 min Scan# 711
 Delta R.T. 0.000 min
 Lab File: VD077820.D
 Acq: 11 Dec 2023 19:16

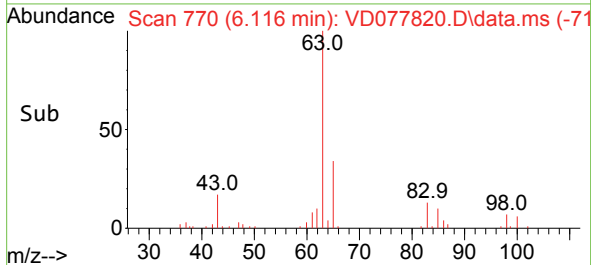
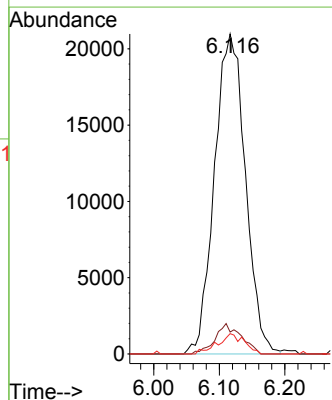
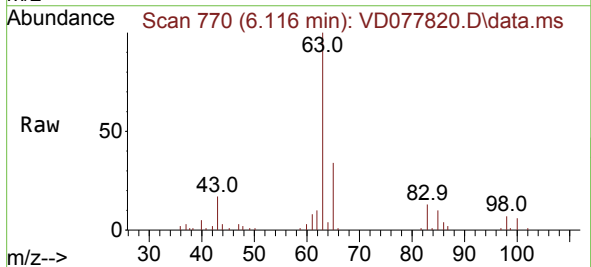
Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 43 Resp: 237310
 Ion Ratio Lower Upper
 43 100
 86 10.8 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 23.335 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD077820.D
 Acq: 11 Dec 2023 19:16

Tgt Ion: 63 Resp: 68657
 Ion Ratio Lower Upper
 63 100
 98 6.9 4.5 13.7
 100 6.4 2.5 7.5

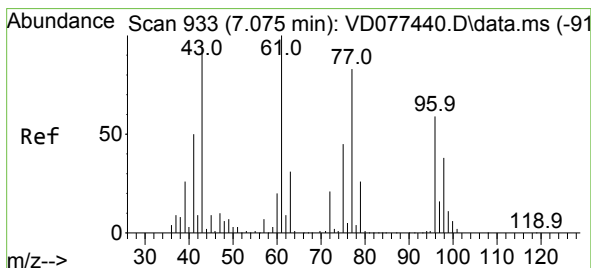
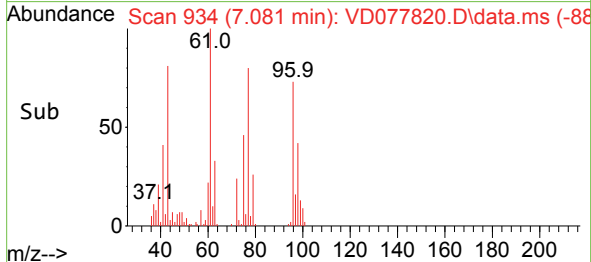
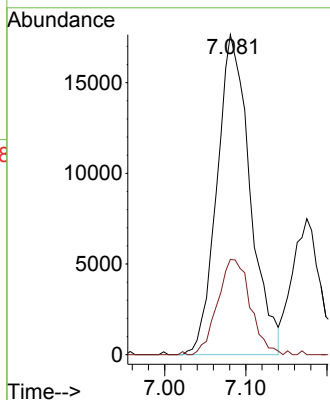
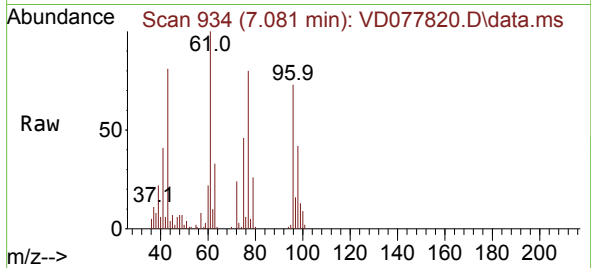




#25
2-Butanone
Concen: 114.569 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

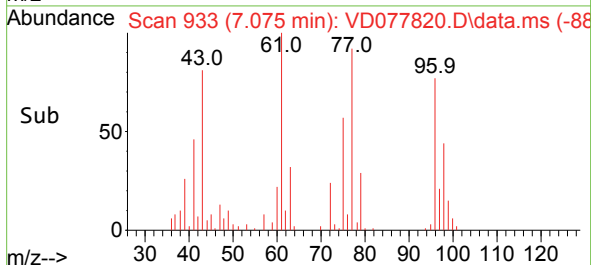
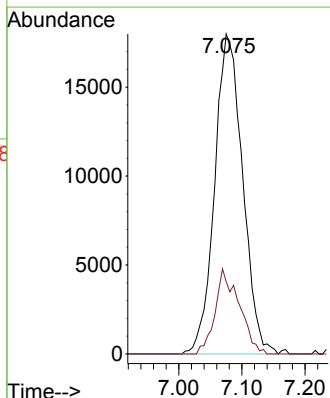
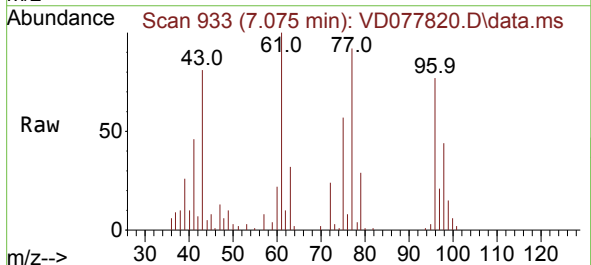
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 49983
Ion Ratio Lower Upper
43 100
72 29.7 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 22.404 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

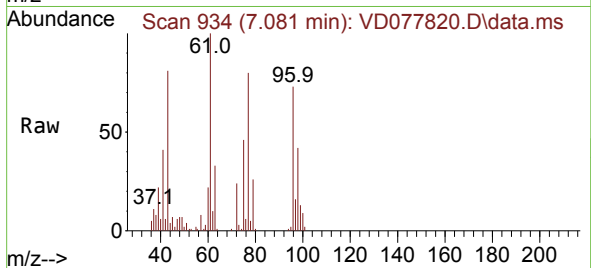
Tgt Ion: 77 Resp: 55344
Ion Ratio Lower Upper
77 100
97 22.9 13.2 39.6



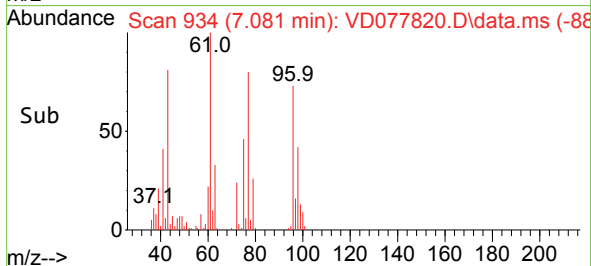
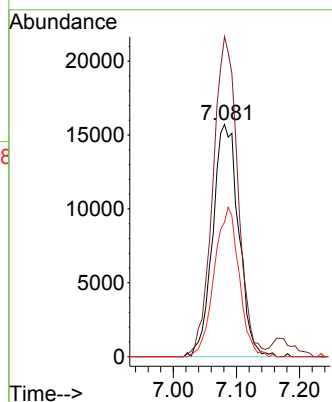


#27
 cis-1,2-Dichloroethene
 Concen: 24.350 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD077820.D
 Acq: 11 Dec 2023 19:16

Instrument :
 MSVOA_D
 ClientSampleId :

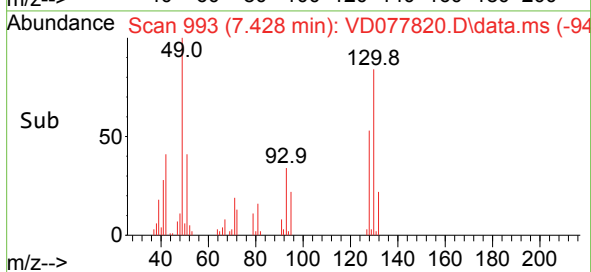
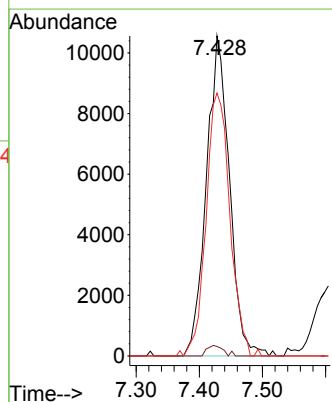
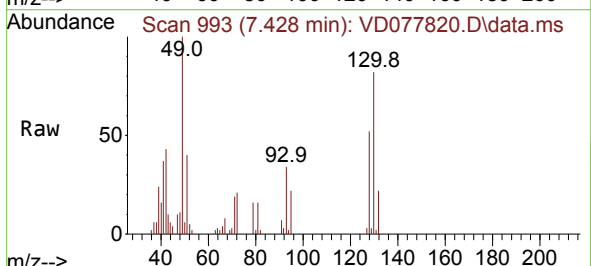


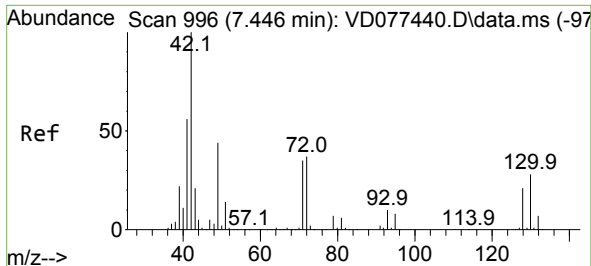
Tgt Ion:	96	Resp:	44861
Ion	Ratio	Lower	Upper
96	100		
61	132.6	0.0	239.2
98	61.5	0.0	128.6



#28
 Bromochloromethane
 Concen: 22.594 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD077820.D
 Acq: 11 Dec 2023 19:16

Tgt Ion:	49	Resp:	26861
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	6.0
130	84.3	83.2	124.8





#29

Tetrahydrofuran

Concen: 112.334 ug/l

RT: 7.452 min Scan# 997

Delta R.T. 0.006 min

Lab File: VD077820.D

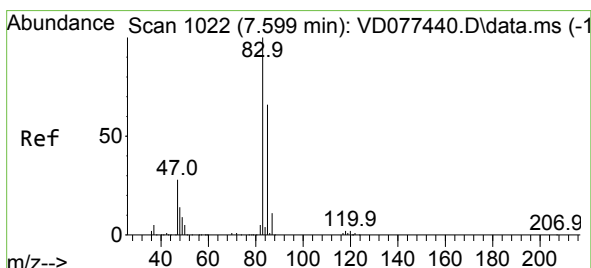
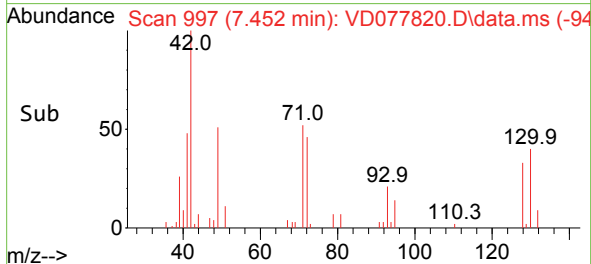
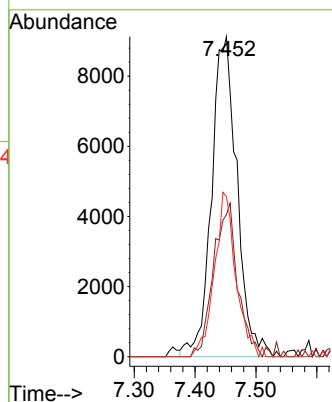
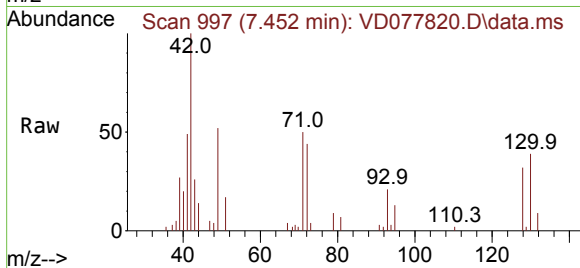
Acq: 11 Dec 2023 19:16

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	42	Resp:	26508
Ion	Ratio	Lower	Upper
42	100		
72	45.3	46.5	69.7#
71	43.8	44.5	66.7#



#30

Chloroform

Concen: 24.140 ug/l

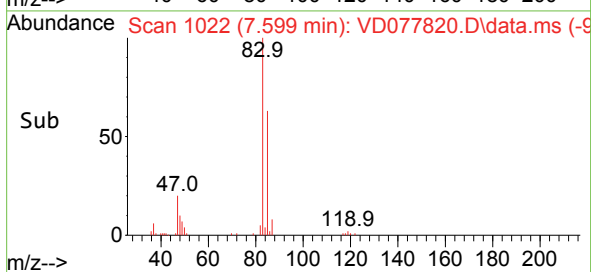
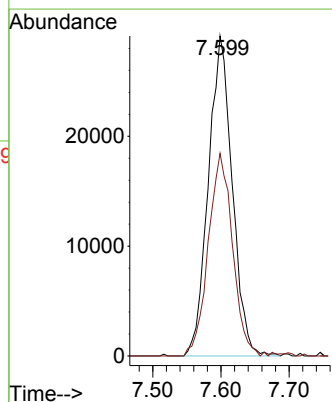
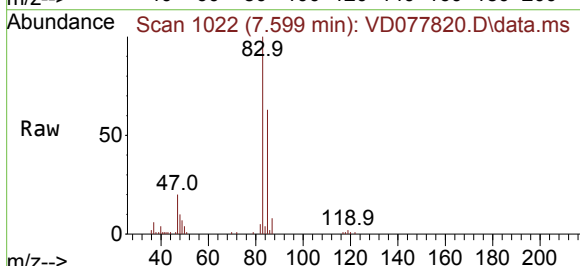
RT: 7.599 min Scan# 1022

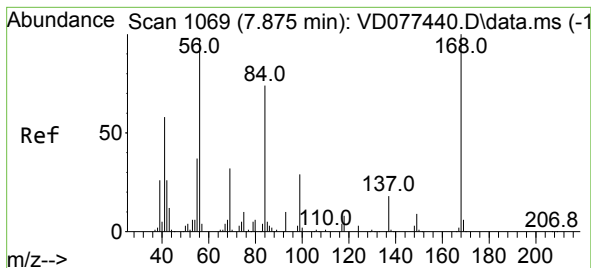
Delta R.T. -0.000 min

Lab File: VD077820.D

Acq: 11 Dec 2023 19:16

Tgt Ion:	83	Resp:	71082
Ion	Ratio	Lower	Upper
83	100		
85	63.3	53.4	80.2





#31

Cyclohexane

Concen: 20.649 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.006 min

Lab File: VD077820.D

Acq: 11 Dec 2023 19:16

Instrument :

MSVOA_D

ClientSampleId :

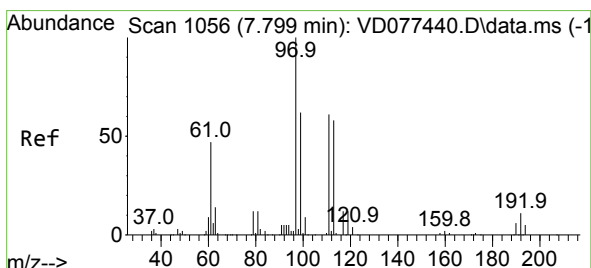
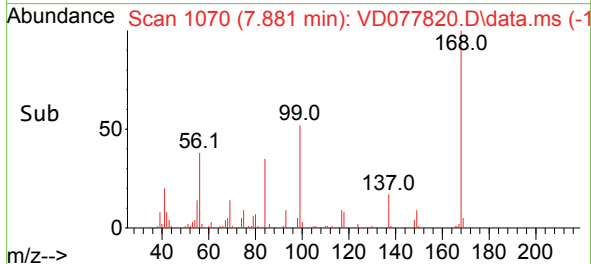
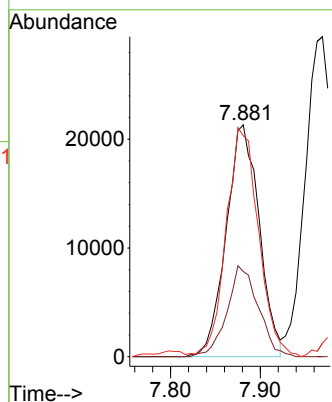
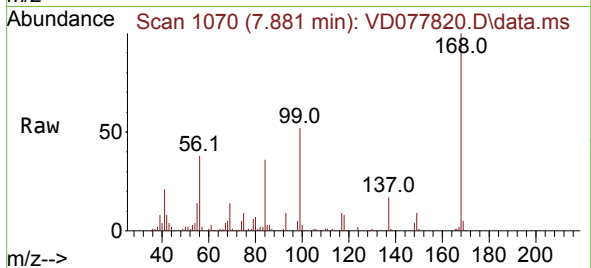
Tgt Ion: 56 Resp: 54426

Ion Ratio Lower Upper

56 100

69 36.8 28.6 43.0

84 93.1 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 22.264 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VD077820.D

Acq: 11 Dec 2023 19:16

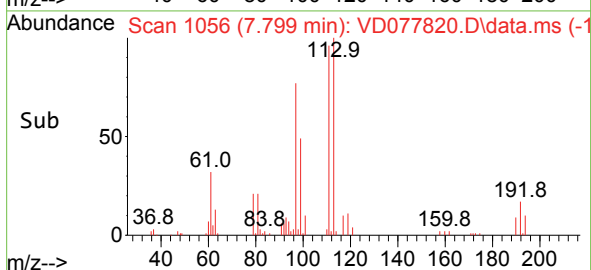
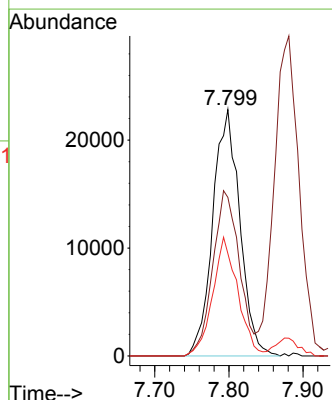
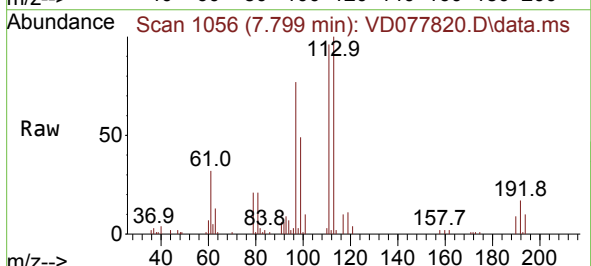
Tgt Ion: 97 Resp: 57793

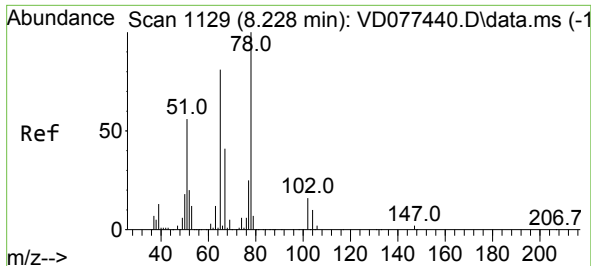
Ion Ratio Lower Upper

97 100

99 65.9 52.0 78.0

61 44.8 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 56.096 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD077820.D

Acq: 11 Dec 2023 19:16

Instrument :

MSVOA_D

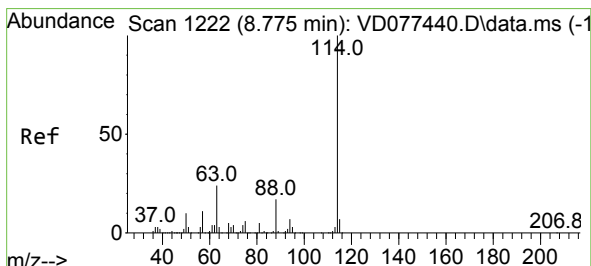
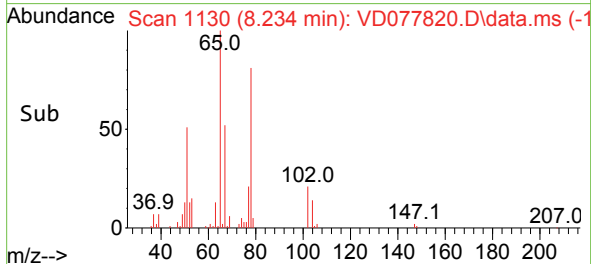
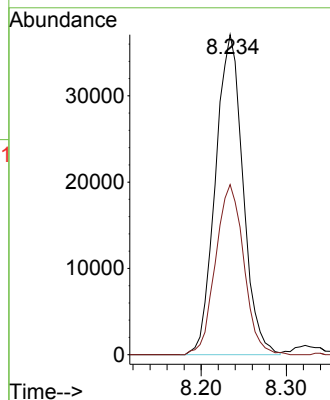
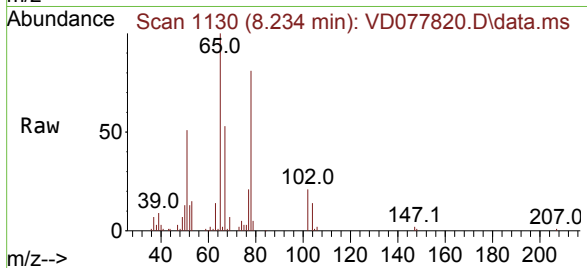
ClientSampleId :

Tgt Ion: 65 Resp: 83128

Ion Ratio Lower Upper

65 100

67 54.5 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD077820.D

Acq: 11 Dec 2023 19:16

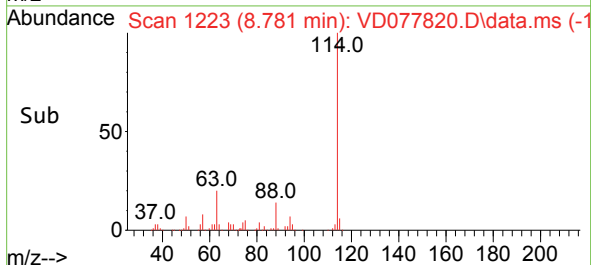
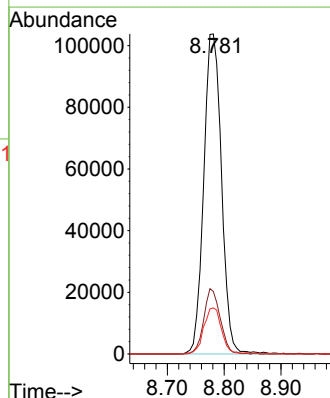
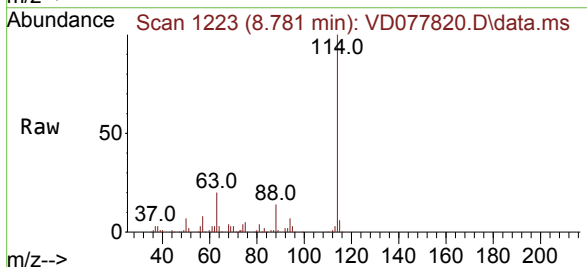
Tgt Ion: 114 Resp: 224658

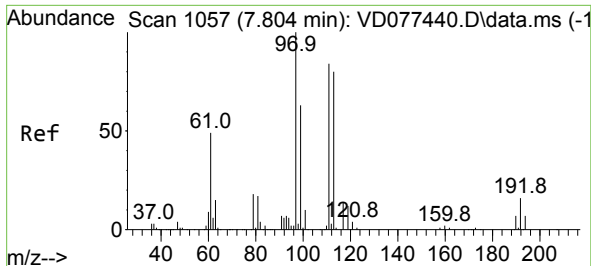
Ion Ratio Lower Upper

114 100

63 19.6 0.0 33.4

88 14.4 0.0 26.2





#35

Dibromofluoromethane

Concen: 53.736 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

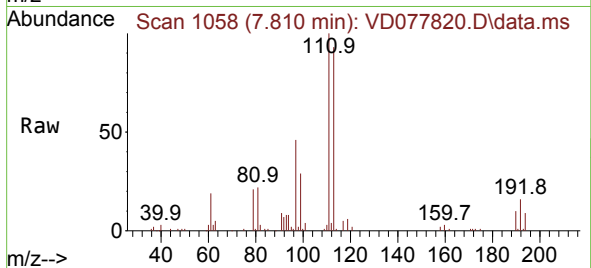
Lab File: VD077820.D

Acq: 11 Dec 2023 19:16

Instrument :

MSVOA_D

ClientSampleId :



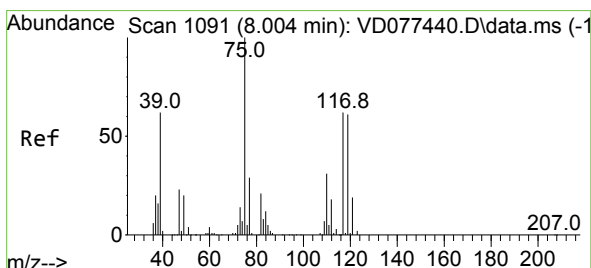
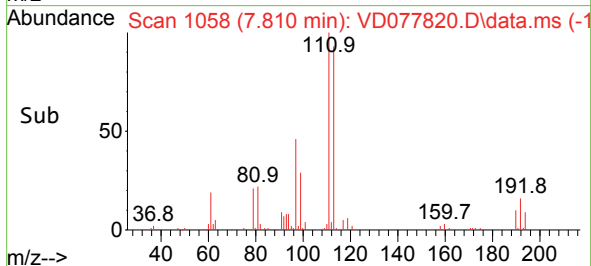
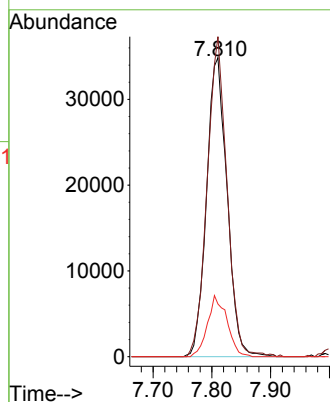
Tgt Ion:113 Resp: 84562

Ion Ratio Lower Upper

113 100

111 103.2 84.7 127.1

192 19.4 16.8 25.2



#36

1,1-Dichloropropene

Concen: 20.786 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.006 min

Lab File: VD077820.D

Acq: 11 Dec 2023 19:16

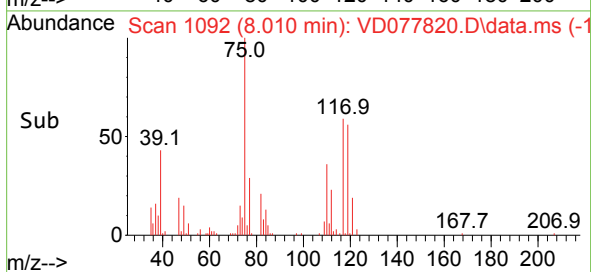
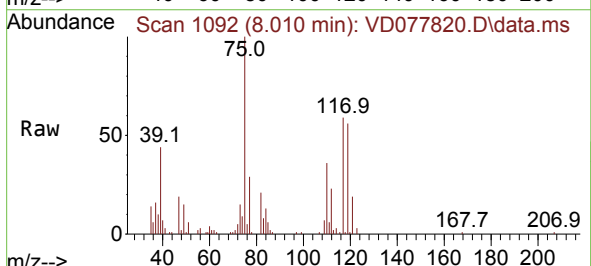
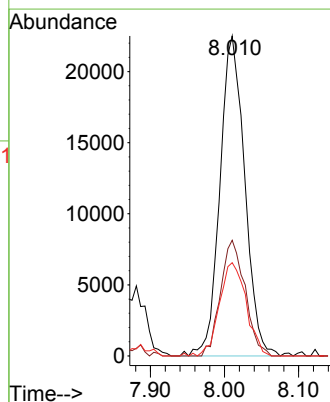
Tgt Ion: 75 Resp: 52321

Ion Ratio Lower Upper

75 100

110 35.9 19.9 59.6

77 31.4 24.7 37.1





#37

Ethyl Acetate

Concen: 16.956 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.006 min

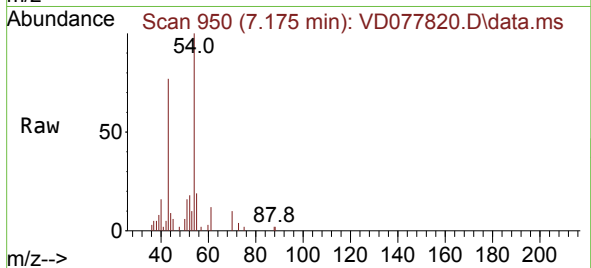
Lab File: VD077820.D

Acq: 11 Dec 2023 19:16

Instrument :

MSVOA_D

ClientSampleId :



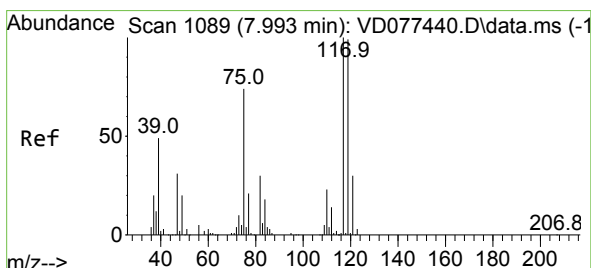
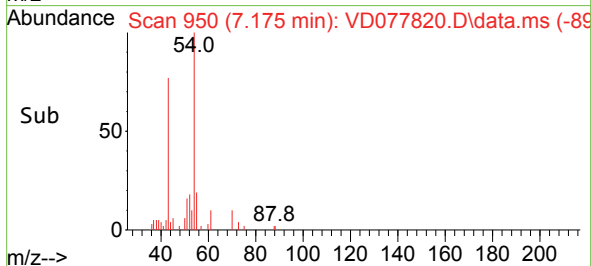
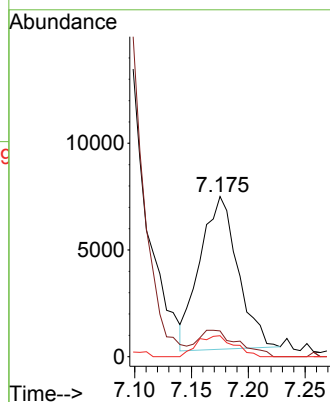
Tgt Ion: 43 Resp: 16642

Ion Ratio Lower Upper

43 100

61 18.4 14.9 22.3

70 13.3 10.0 15.0



#38

Carbon Tetrachloride

Concen: 20.916 ug/l

RT: 7.999 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD077820.D

Acq: 11 Dec 2023 19:16

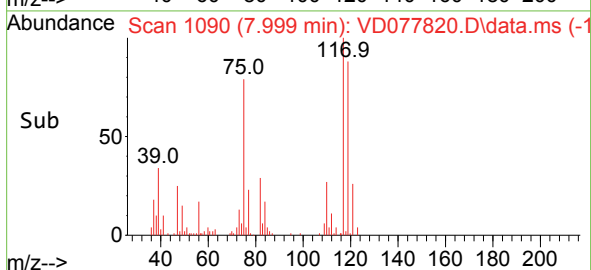
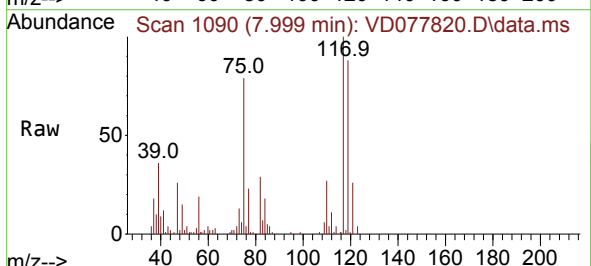
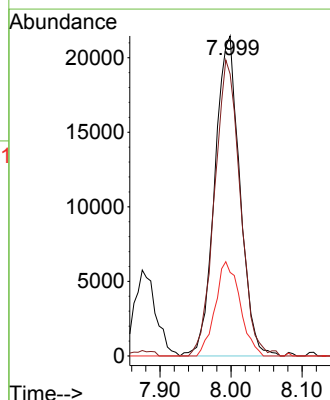
Tgt Ion: 117 Resp: 52487

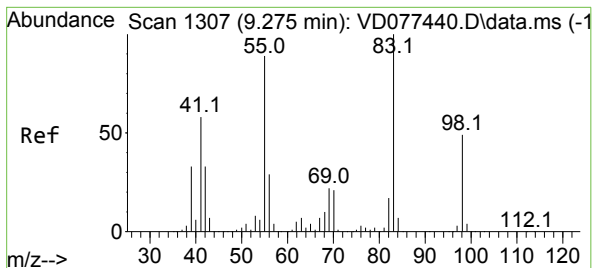
Ion Ratio Lower Upper

117 100

119 88.1 78.0 117.0

121 26.1 24.2 36.2





#39

Methylcyclohexane

Concen: 20.039 ug/l

RT: 9.275 min Scan# 1137

Delta R.T. -0.000 min

Lab File: VD077820.D

Acq: 11 Dec 2023 19:16

Instrument :

MSVOA_D

ClientSampleId :

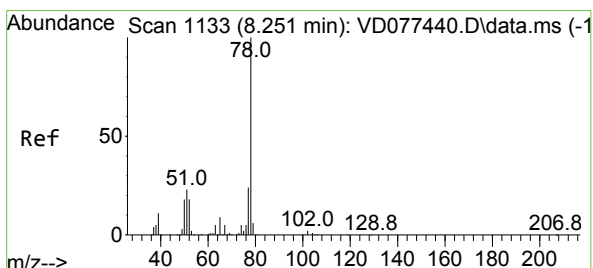
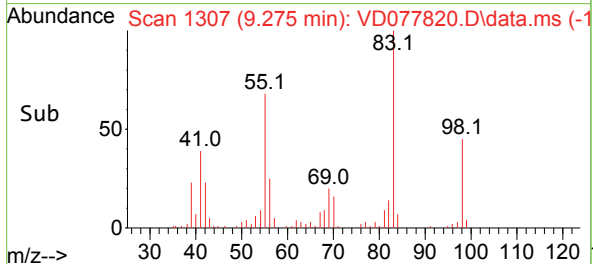
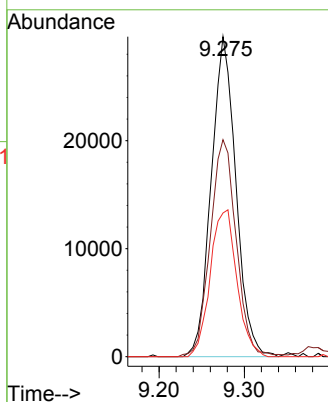
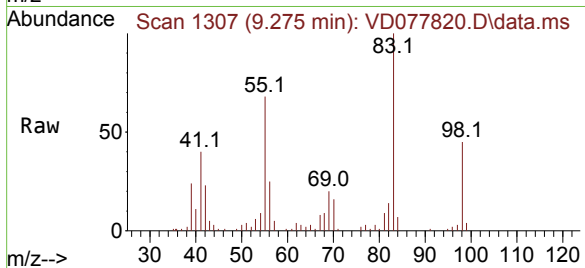
Tgt Ion: 83 Resp: 59798

Ion Ratio Lower Upper

83 100

55 67.8 49.4 74.0

98 44.9 38.4 57.6



#40

Benzene

Concen: 22.010 ug/l

RT: 8.257 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VD077820.D

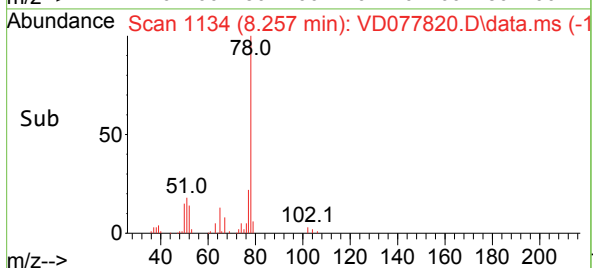
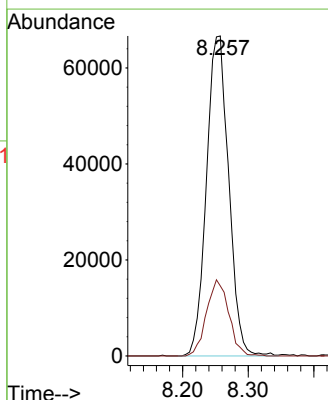
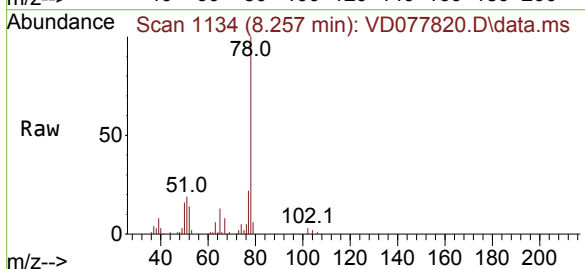
Acq: 11 Dec 2023 19:16

Tgt Ion: 78 Resp: 157245

Ion Ratio Lower Upper

78 100

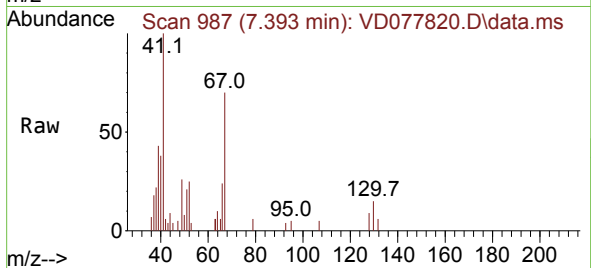
77 21.9 19.4 29.0



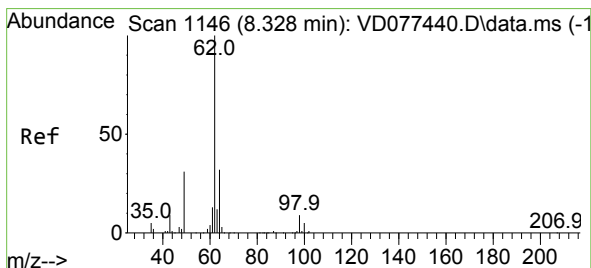
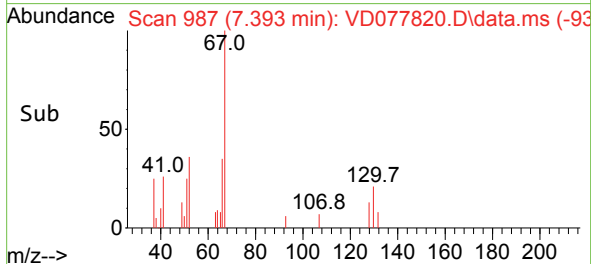
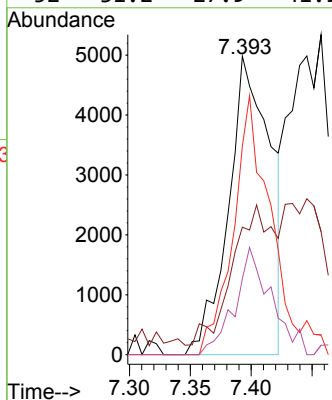


#41
Methacrylonitrile
Concen: 23.855 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.011 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

Instrument :
MSVOA_D
ClientSampleId :

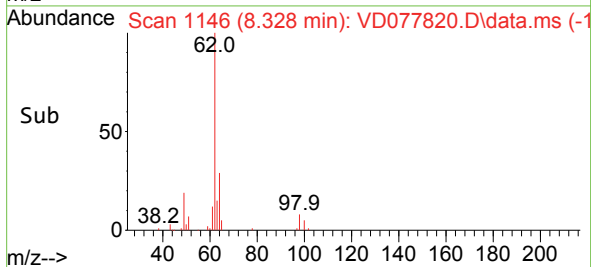
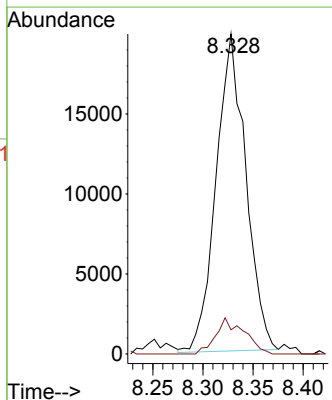
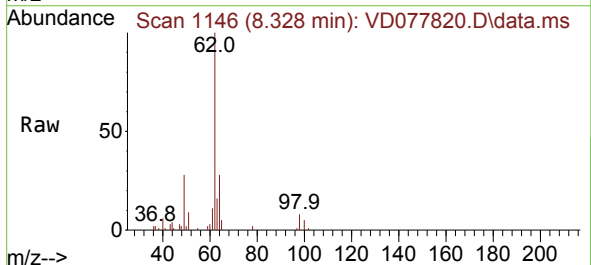


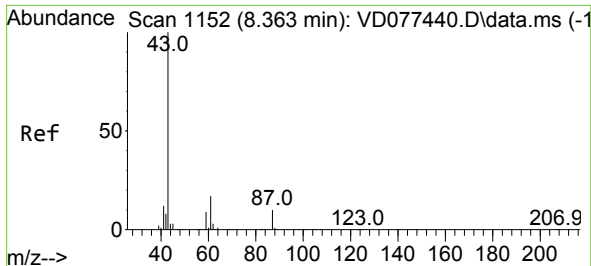
Tgt Ion:	41	Resp:	11900
Ion Ratio	Lower	Upper	
41	100		
39	47.2	34.0	51.0
67	78.8	77.0	115.4
52	31.2	27.9	41.9



#42
1,2-Dichloroethane
Concen: 22.044 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

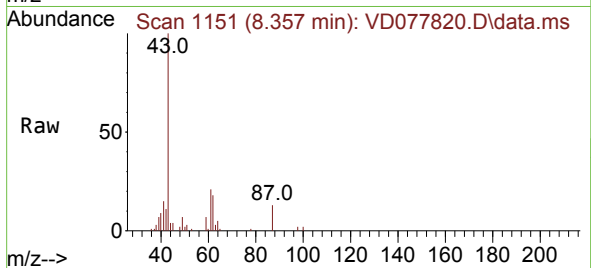
Tgt Ion:	62	Resp:	40822
Ion Ratio	Lower	Upper	
62	100		
98	10.9	0.0	25.4



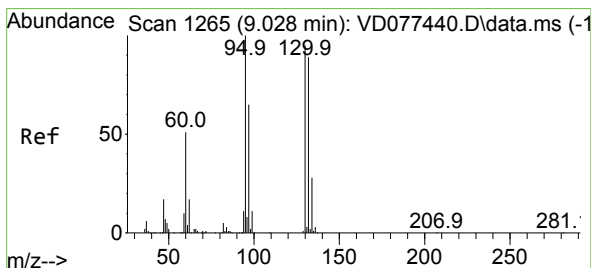
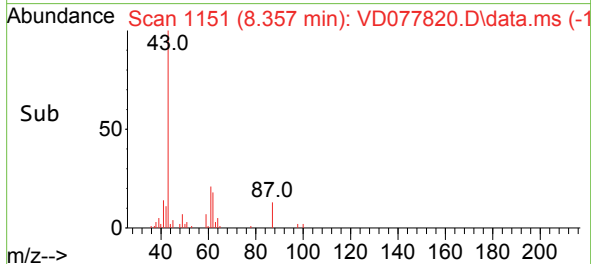
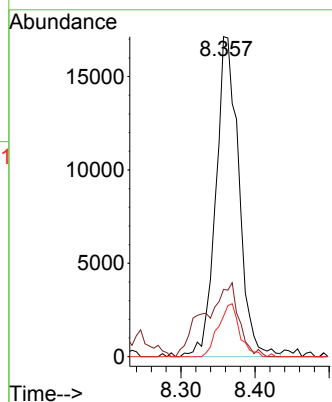


#43
Isopropyl Acetate
Concen: 21.160 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

Instrument :
MSVOA_D
ClientSampleId :

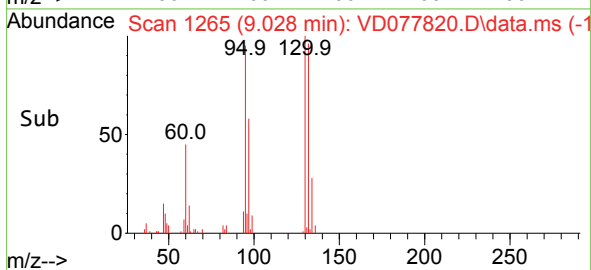
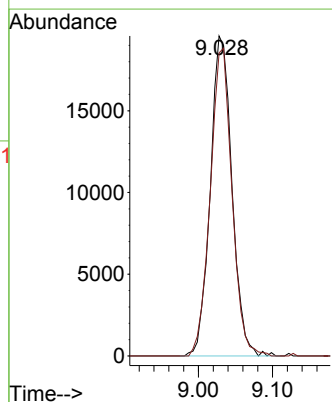
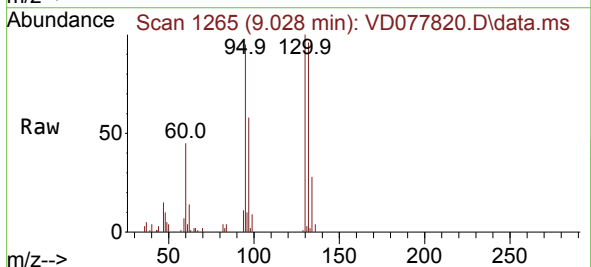


Tgt Ion: 43 Resp: 36919
Ion Ratio Lower Upper
43 100
61 34.3 31.4 47.0
87 15.3 14.9 22.3



#44
Trichloroethene
Concen: 21.350 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

Tgt Ion:130 Resp: 39748
Ion Ratio Lower Upper
130 100
95 94.7 0.0 179.2





#45

1,2-Dichloropropane

Concen: 22.192 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077820.D

Acq: 11 Dec 2023 19:16

Instrument :

MSVOA_D

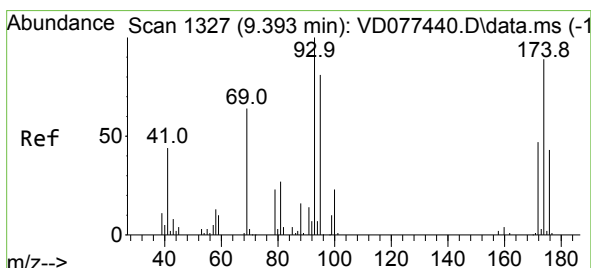
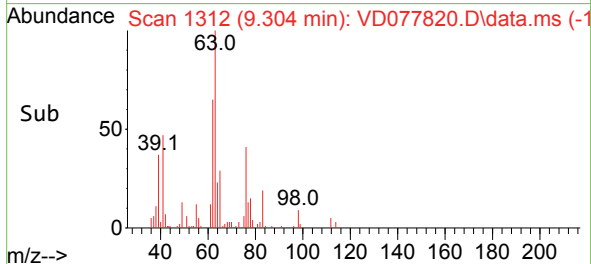
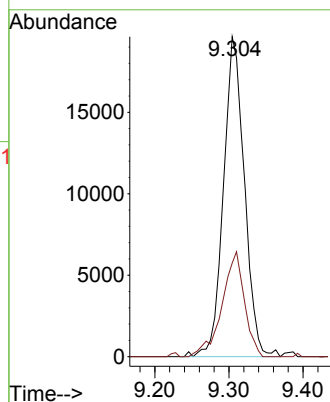
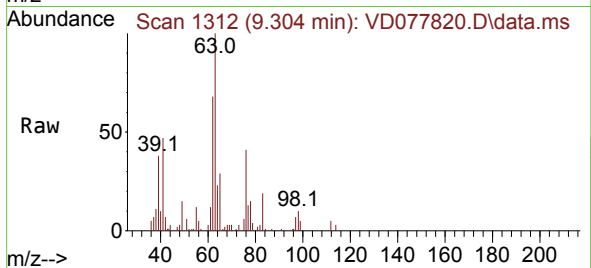
ClientSampleId :

Tgt Ion: 63 Resp: 38541

Ion Ratio Lower Upper

63 100

65 29.3 24.5 36.7



#46

Dibromomethane

Concen: 22.169 ug/l

RT: 9.398 min Scan# 1328

Delta R.T. 0.005 min

Lab File: VD077820.D

Acq: 11 Dec 2023 19:16

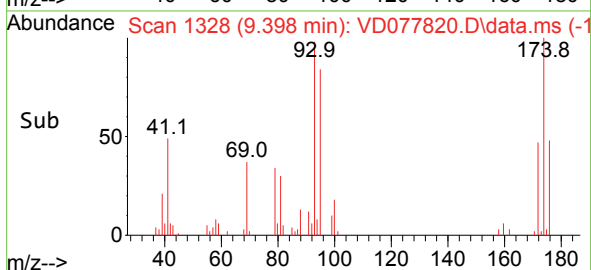
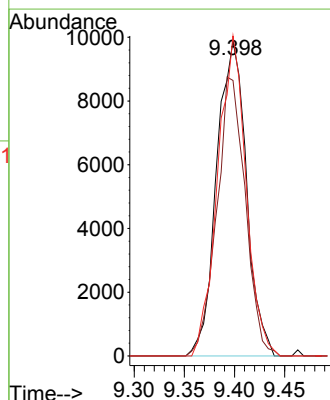
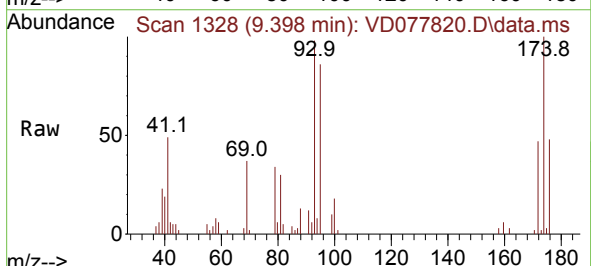
Tgt Ion: 93 Resp: 20372

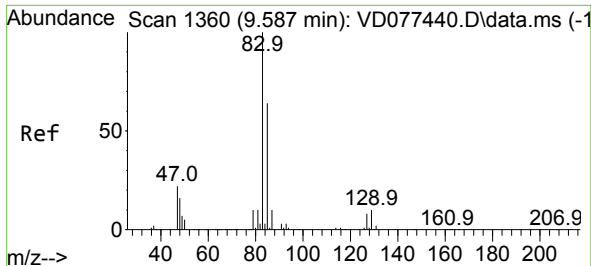
Ion Ratio Lower Upper

93 100

95 84.9 67.7 101.5

174 96.7 85.4 128.2

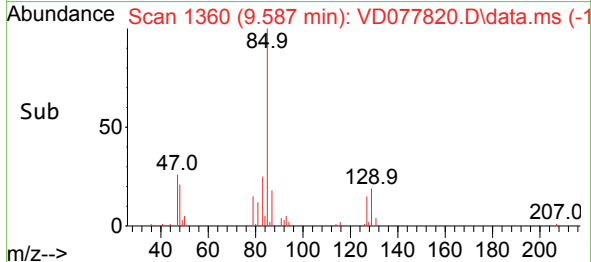
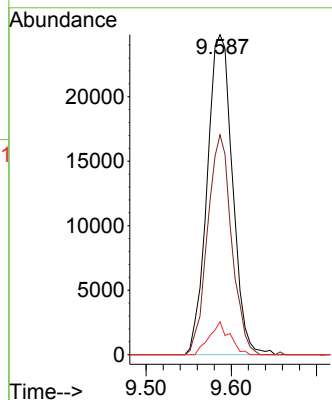
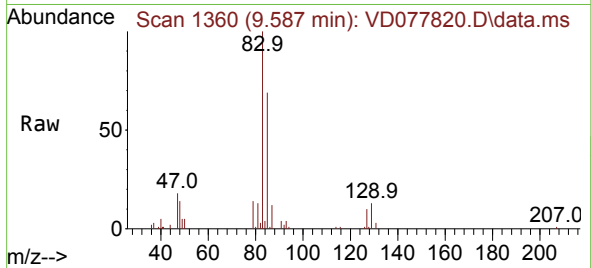




#47
Bromodichloromethane
Concen: 21.964 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

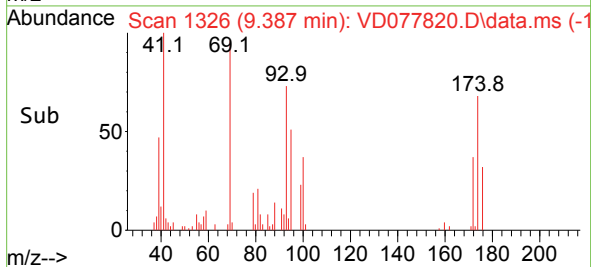
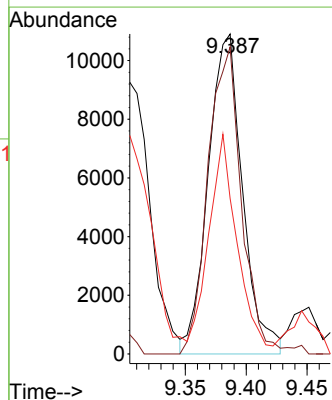
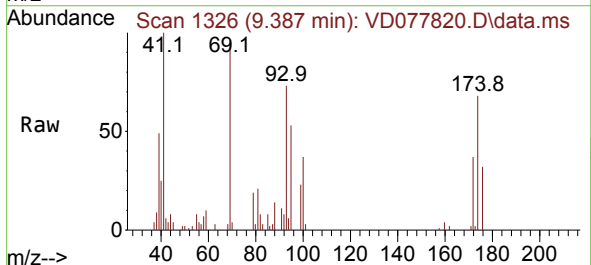
Instrument :
MSVOA_D
ClientSampleId :

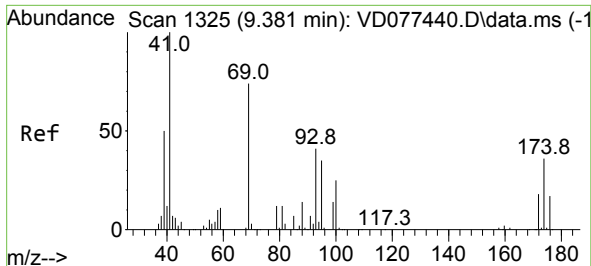
Tgt Ion: 83 Resp: 51159
Ion Ratio Lower Upper
83 100
85 68.7 50.2 75.4
127 10.3 6.3 9.5#



#48
Methyl methacrylate
Concen: 21.579 ug/l
RT: 9.387 min Scan# 1326
Delta R.T. 0.006 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

Tgt Ion: 41 Resp: 21402
Ion Ratio Lower Upper
41 100
69 94.2 102.2 153.2#
39 52.7 41.4 62.2





#49

1,4-Dioxane

Concen: 396.837 ug/l

RT: 9.375 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD077820.D

Acq: 11 Dec 2023 19:16

Instrument :

MSVOA_D

ClientSampleId :

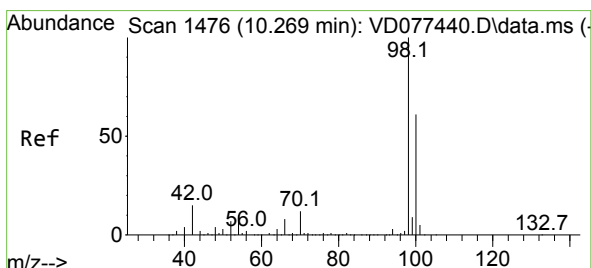
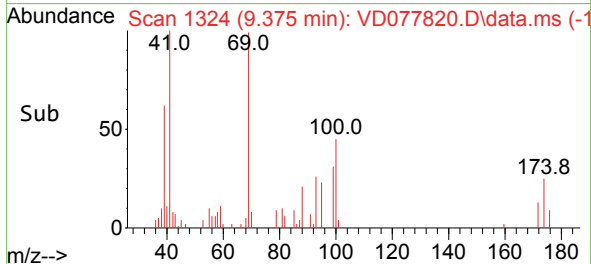
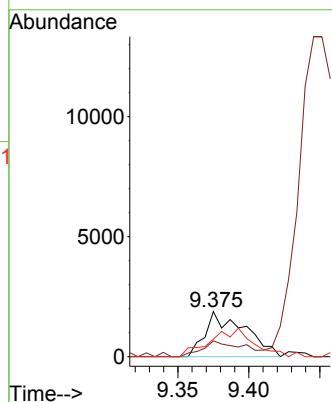
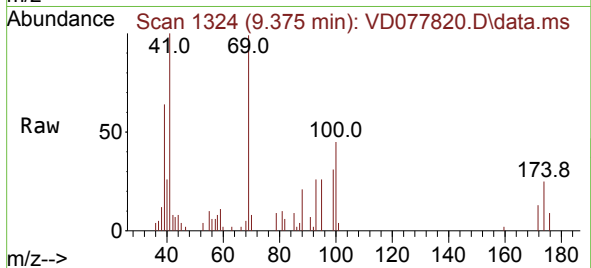
Tgt Ion: 88 Resp: 3621

Ion Ratio Lower Upper

88 100

43 34.6 19.0 28.6#

58 69.6 43.5 65.3#



#50

Toluene-d8

Concen: 54.882 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077820.D

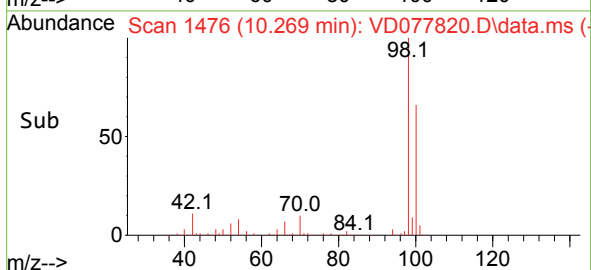
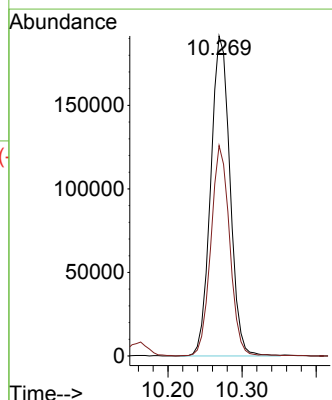
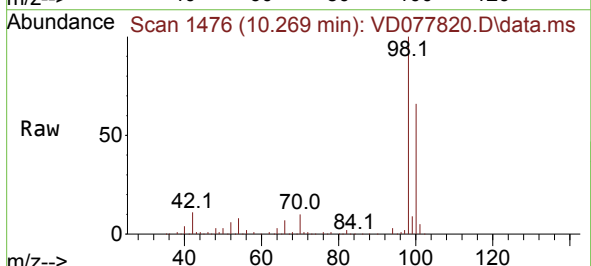
Acq: 11 Dec 2023 19:16

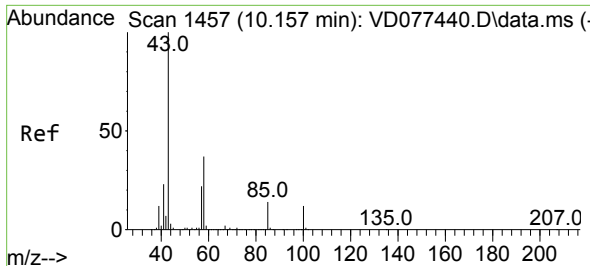
Tgt Ion: 98 Resp: 345902

Ion Ratio Lower Upper

98 100

100 64.2 50.3 75.5

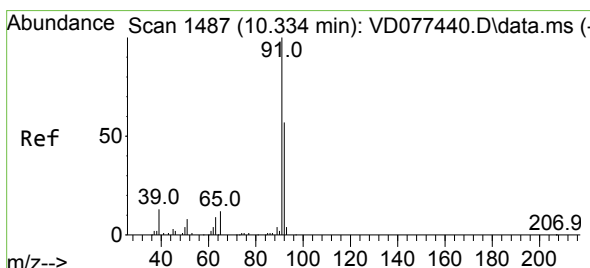
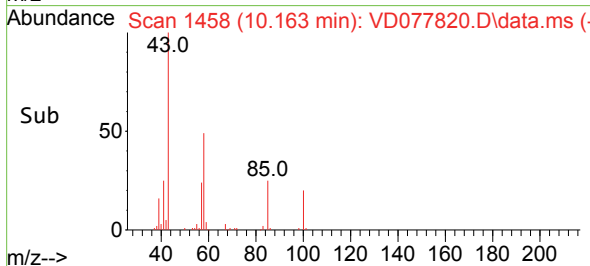
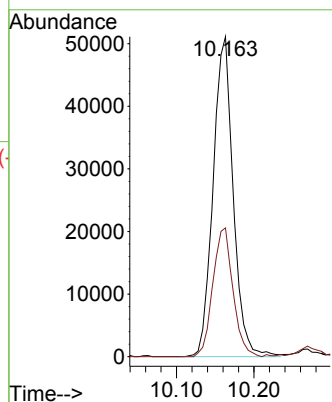
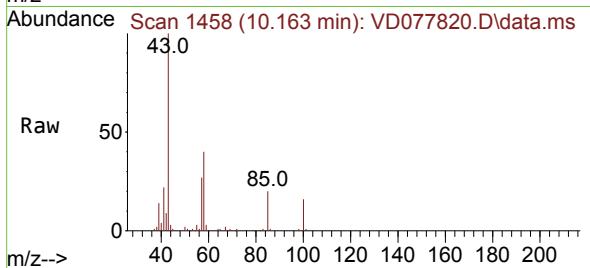




#51
4-Methyl-2-Pentanone
Concen: 103.538 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

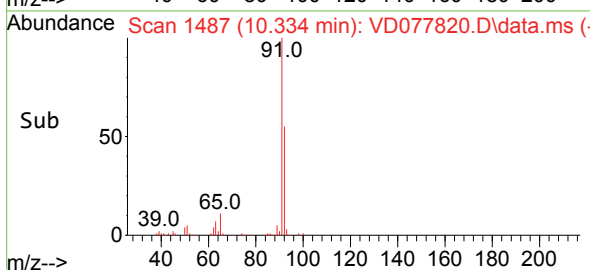
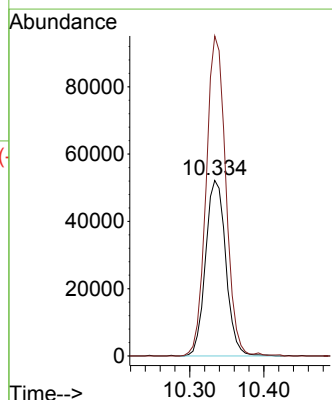
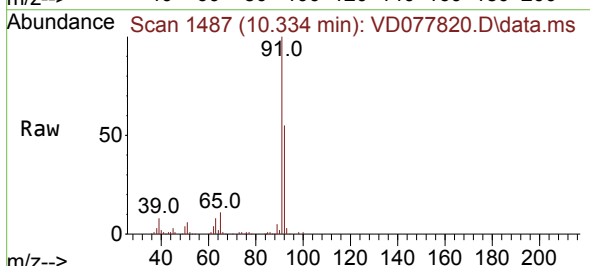
Instrument :
MSVOA_D
ClientSampleId :

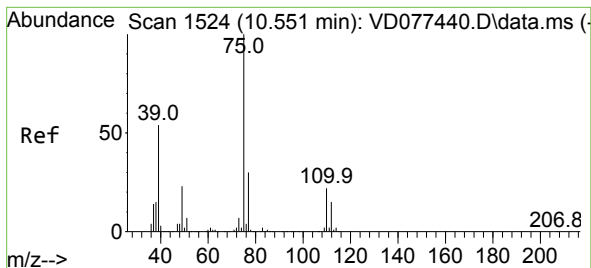
Tgt Ion: 43 Resp: 92194
Ion Ratio Lower Upper
43 100
58 40.2 38.9 58.3



#52
Toluene
Concen: 22.329 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

Tgt Ion: 92 Resp: 98952
Ion Ratio Lower Upper
92 100
91 176.9 143.0 214.4

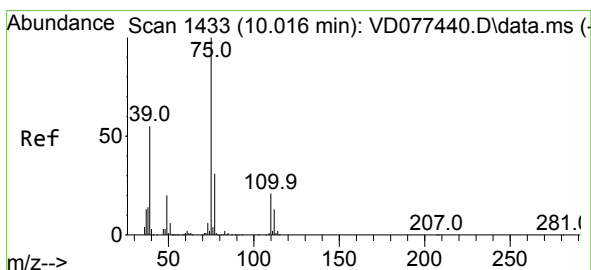
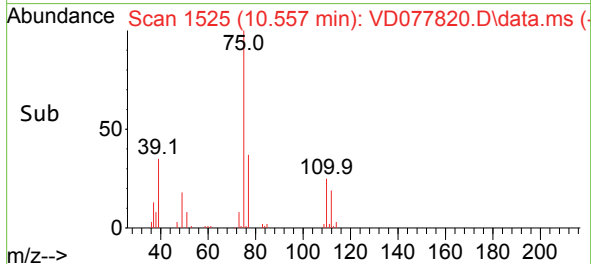
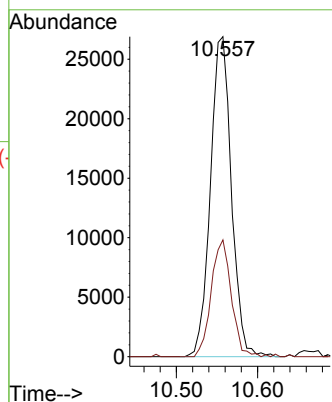
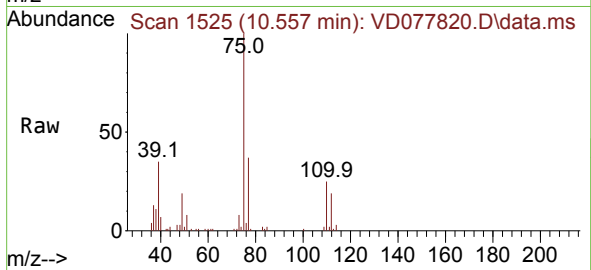




#53
 t-1,3-Dichloropropene
 Concen: 21.595 ug/l
 RT: 10.557 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VD077820.D
 Acq: 11 Dec 2023 19:16

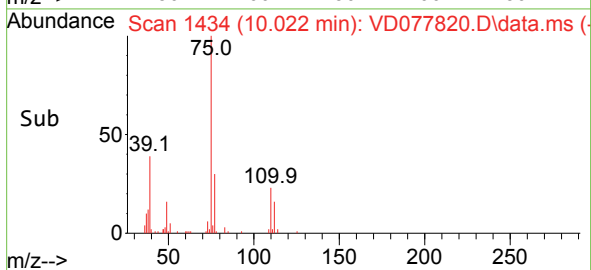
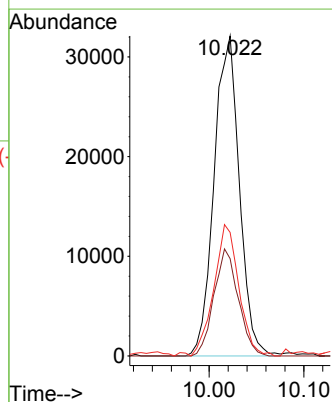
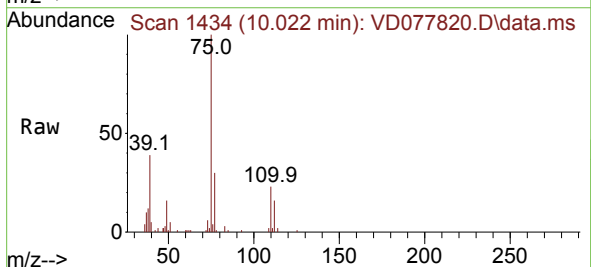
Instrument :
 MSVOA_D
 ClientSampleId :

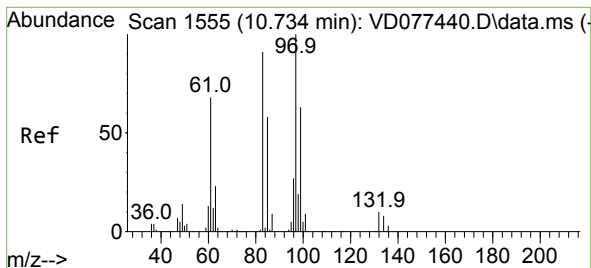
Tgt Ion: 75 Resp: 48301
 Ion Ratio Lower Upper
 75 100
 77 36.5 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 22.029 ug/l
 RT: 10.022 min Scan# 1434
 Delta R.T. 0.006 min
 Lab File: VD077820.D
 Acq: 11 Dec 2023 19:16

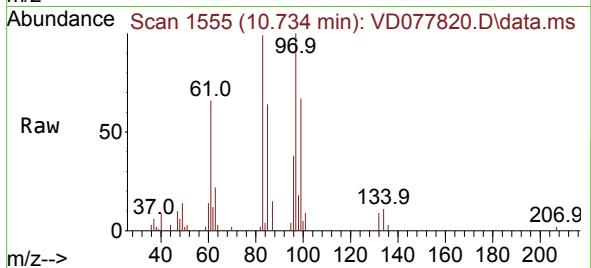
Tgt Ion: 75 Resp: 59573
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.5 38.3
 39 38.6 22.1 33.1#



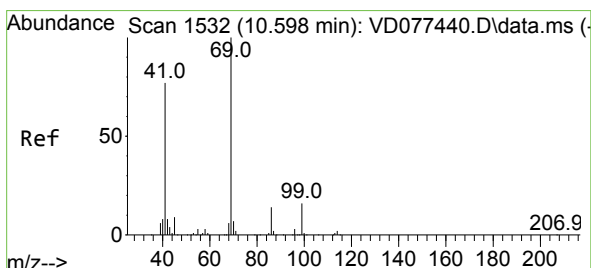
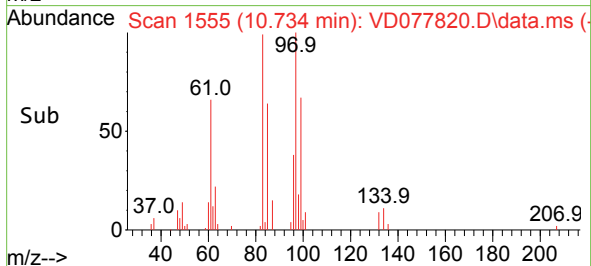
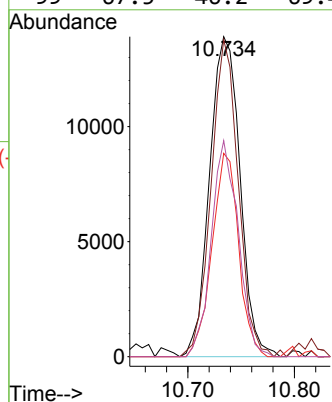


#55
1,1,2-Trichloroethane
Concen: 21.976 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

Instrument :
MSVOA_D
ClientSampleId :

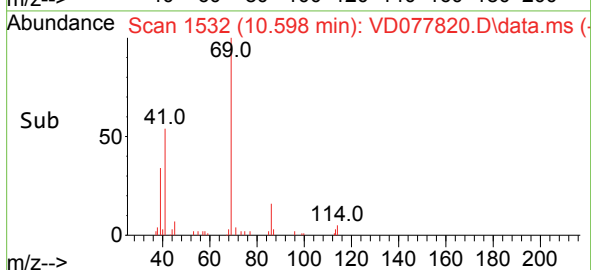
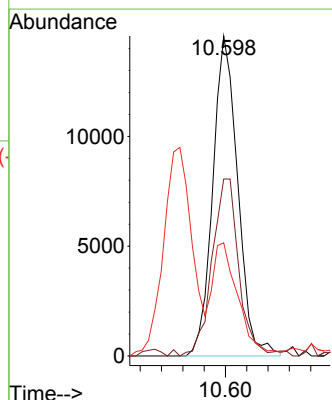
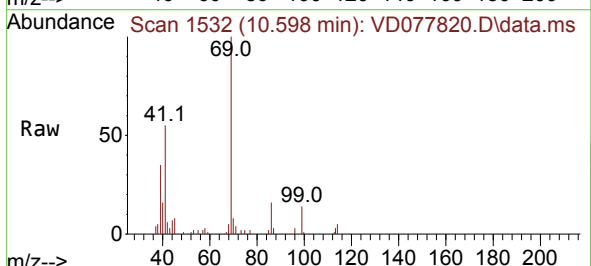


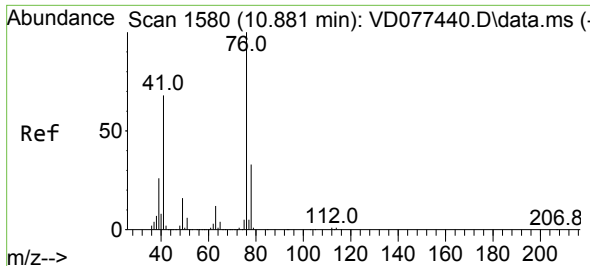
Tgt Ion:	97	Resp:	27623
Ion	Ratio	Lower	Upper
97	100		
83	99.0	65.8	98.6#
85	63.6	45.7	68.5
99	67.5	46.2	69.4



#56
Ethyl methacrylate
Concen: 21.380 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

Tgt Ion:	69	Resp:	23690
Ion	Ratio	Lower	Upper
69	100		
41	59.7	39.1	58.7#
39	34.6	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 22.669 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD077820.D

Acq: 11 Dec 2023 19:16

Instrument :

MSVOA_D

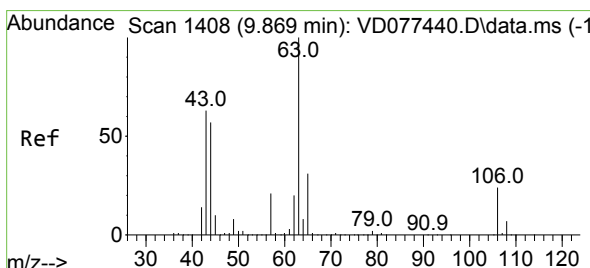
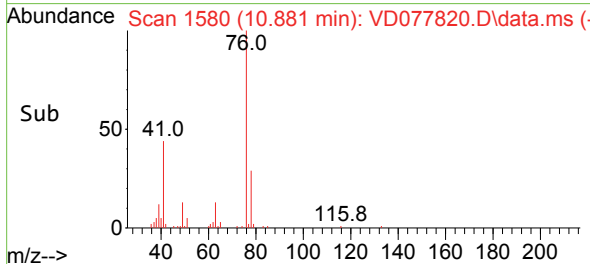
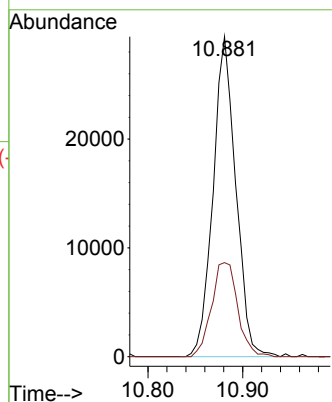
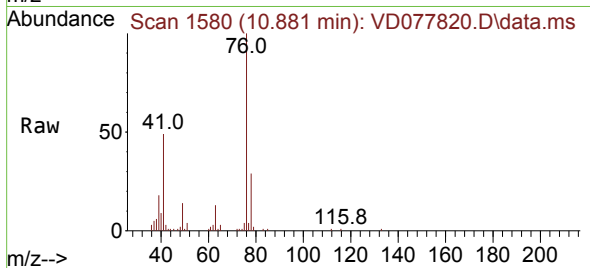
ClientSampleId :

Tgt Ion: 76 Resp: 49115

Ion Ratio Lower Upper

76 100

78 33.8 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 101.254 ug/l

RT: 9.875 min Scan# 1409

Delta R.T. 0.006 min

Lab File: VD077820.D

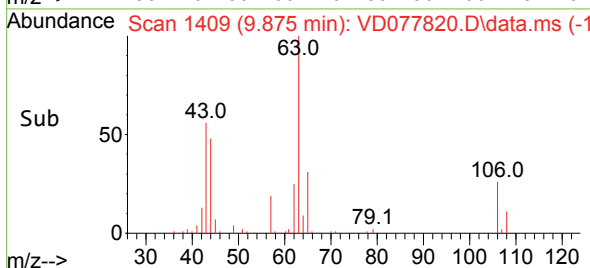
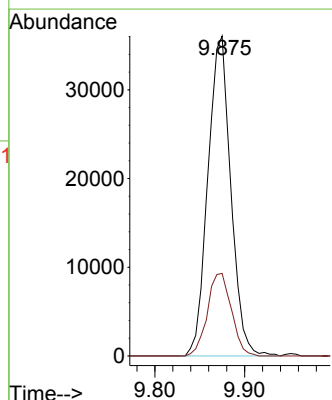
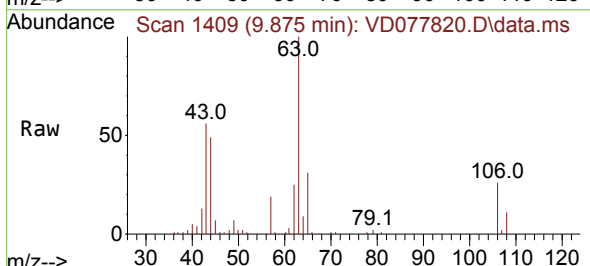
Acq: 11 Dec 2023 19:16

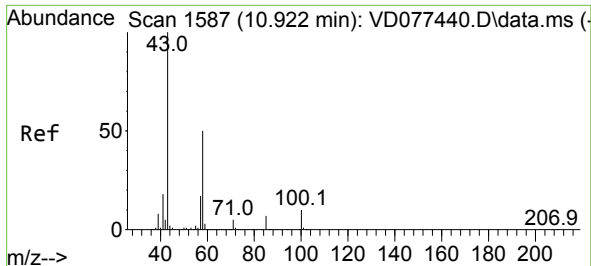
Tgt Ion: 63 Resp: 63981

Ion Ratio Lower Upper

63 100

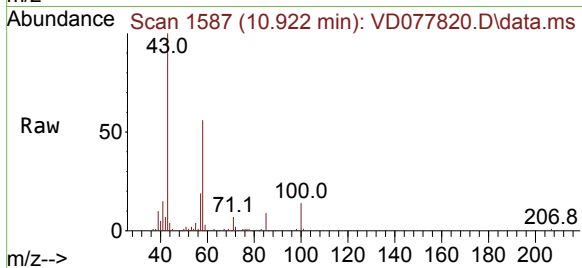
106 27.0 25.3 37.9



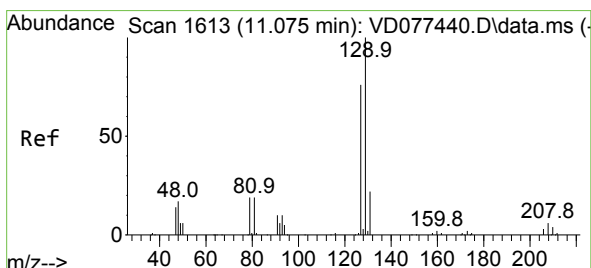
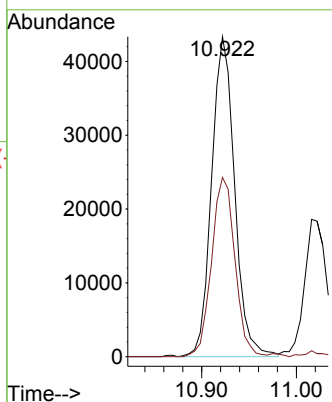
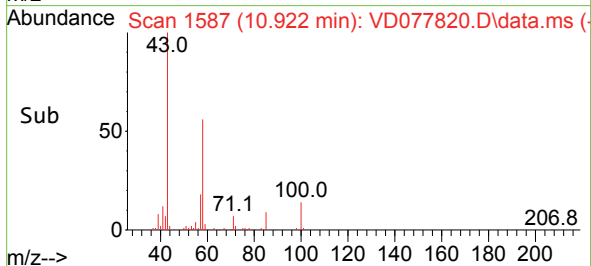


#59
2-Hexanone
Concen: 99.095 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

Instrument :
MSVOA_D
ClientSampleId :

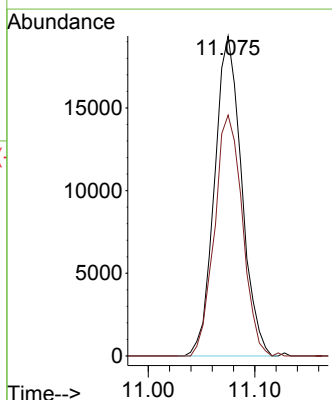
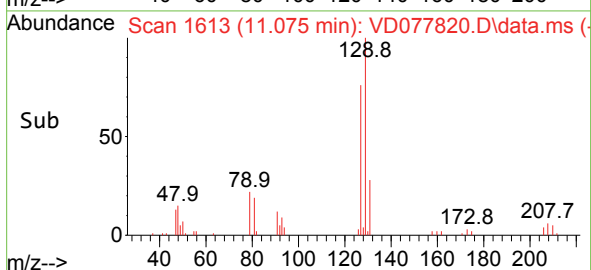
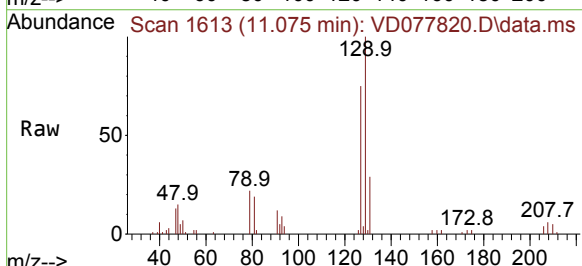


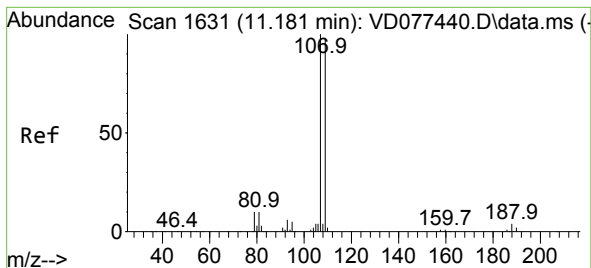
Tgt Ion: 43 Resp: 73206
Ion Ratio Lower Upper
43 100
58 56.7 34.1 102.2



#60
Dibromochloromethane
Concen: 22.543 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

Tgt Ion: 129 Resp: 34115
Ion Ratio Lower Upper
129 100
127 77.5 37.1 111.5





#61

1,2-Dibromoethane

Concen: 22.211 ug/l

RT: 11.181 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD077820.D

Acq: 11 Dec 2023 19:16

Instrument :

MSVOA_D

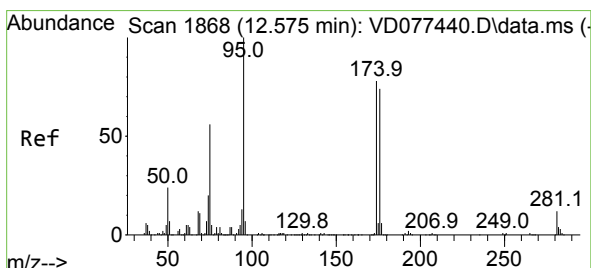
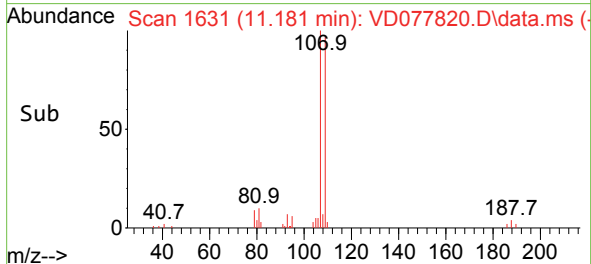
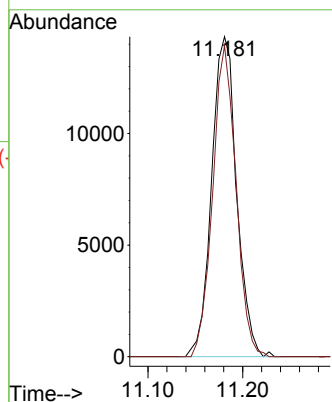
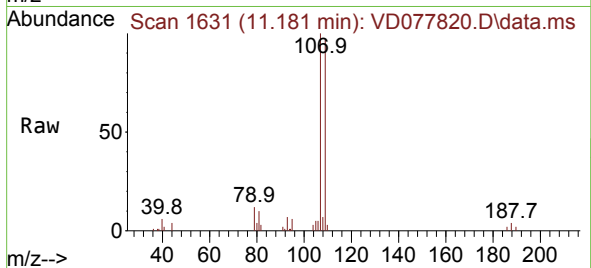
ClientSampleId :

Tgt Ion:107 Resp: 26280

Ion Ratio Lower Upper

107 100

109 90.8 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 53.951 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD077820.D

Acq: 11 Dec 2023 19:16

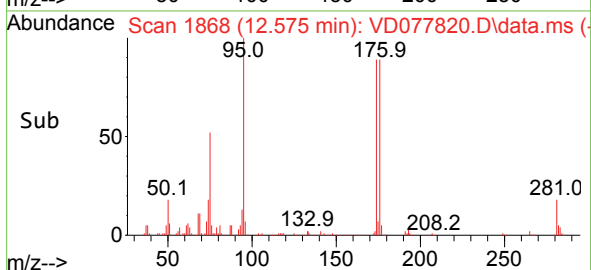
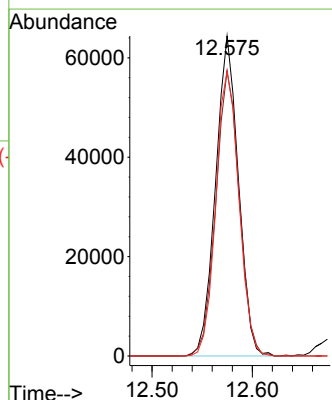
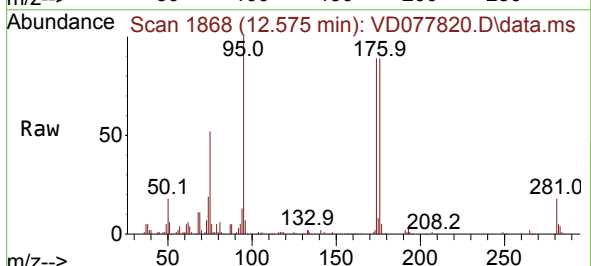
Tgt Ion: 95 Resp: 101662

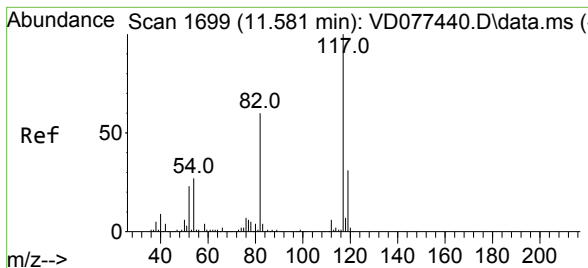
Ion Ratio Lower Upper

95 100

174 91.5 0.0 201.8

176 89.8 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: VD077820.D

Acq: 11 Dec 2023 19:16

Instrument :

MSVOA_D

ClientSampleId :

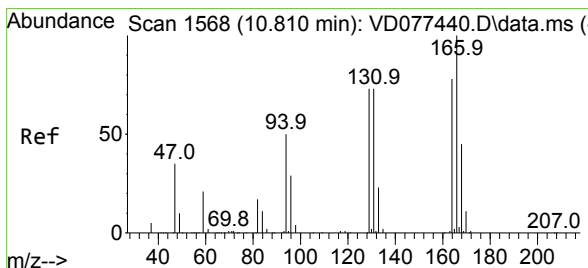
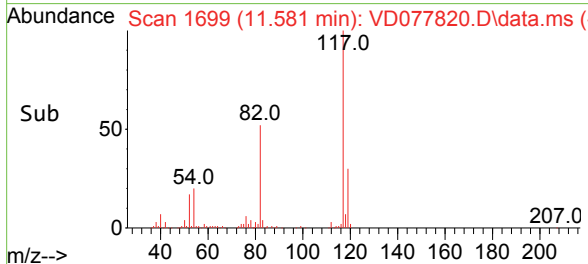
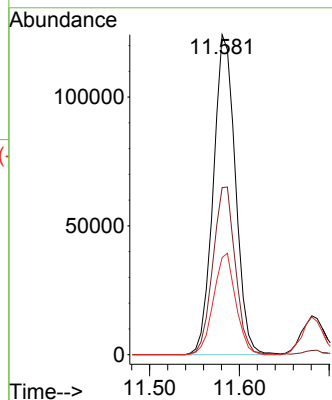
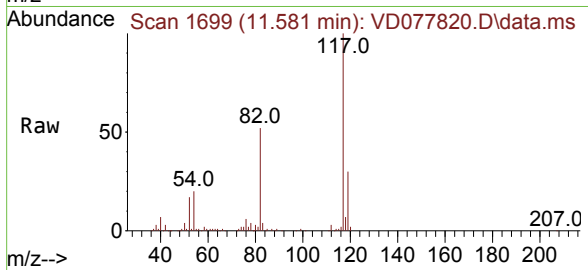
Tgt Ion:117 Resp: 212516

Ion Ratio Lower Upper

117 100

82 52.2 38.3 57.5

119 30.3 25.0 37.4



#64

Tetrachloroethene

Concen: 21.258 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD077820.D

Acq: 11 Dec 2023 19:16

Tgt Ion:164 Resp: 33205

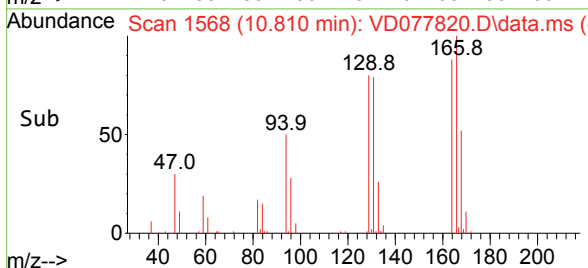
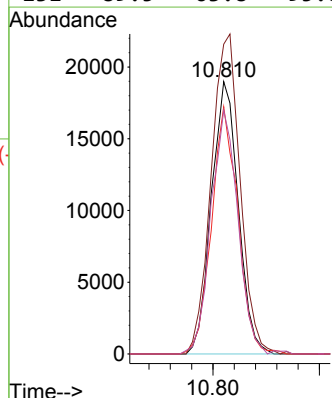
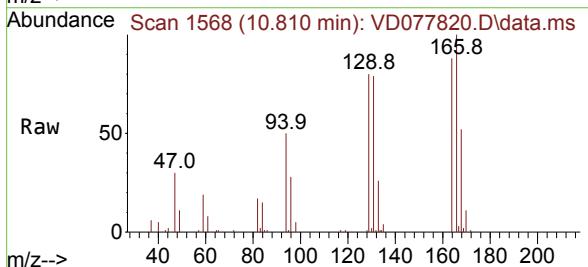
Ion Ratio Lower Upper

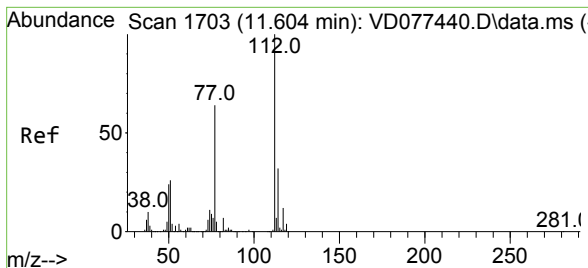
164 100

166 113.7 99.2 148.8

129 90.8 68.4 102.6

131 89.5 63.8 95.8





#65

Chlorobenzene

Concen: 19.943 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VD077820.D

Acq: 11 Dec 2023 19:16

Instrument :

MSVOA_D

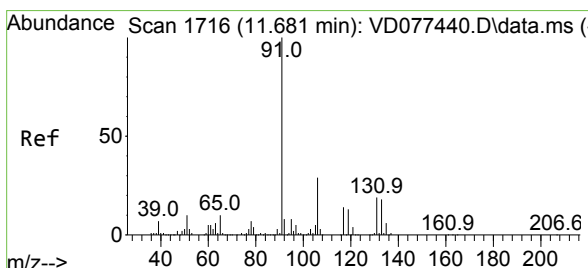
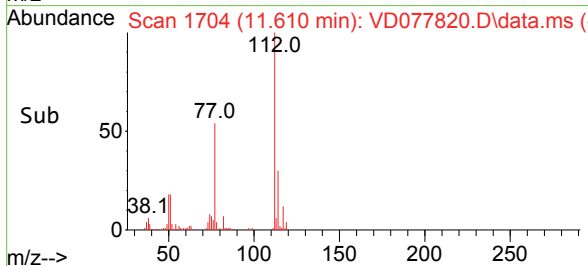
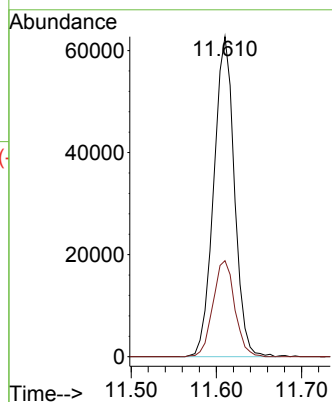
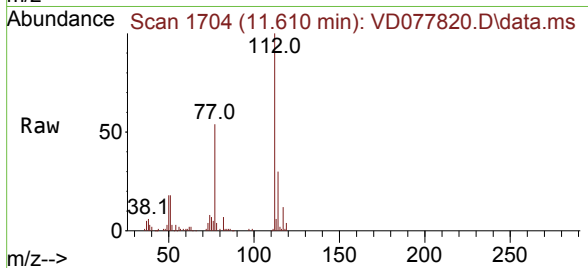
ClientSampleId :

Tgt Ion:112 Resp: 105501

Ion Ratio Lower Upper

112 100

114 30.0 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 21.099 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD077820.D

Acq: 11 Dec 2023 19:16

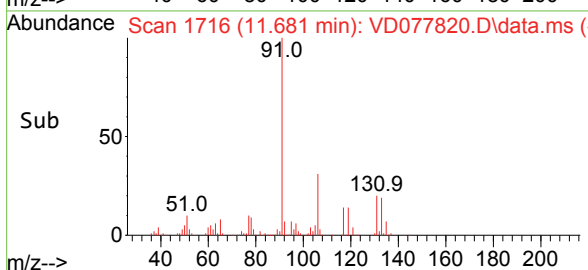
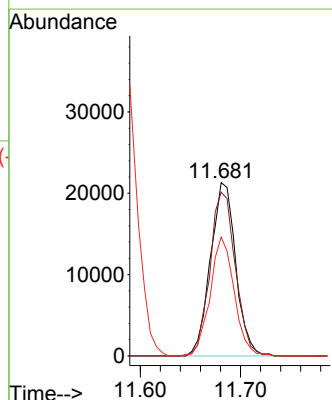
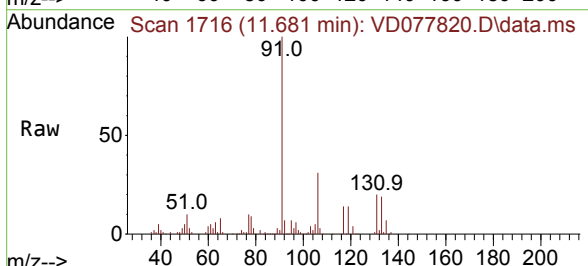
Tgt Ion:131 Resp: 37287

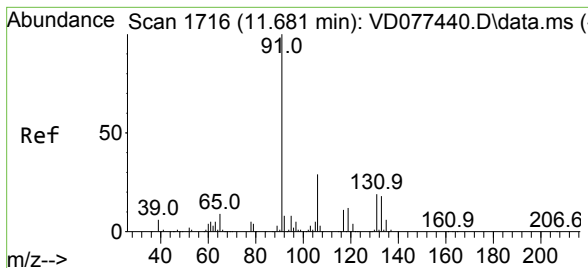
Ion Ratio Lower Upper

131 100

133 95.5 48.5 145.5

119 65.4 35.6 106.9





#67

Ethyl Benzene

Concen: 20.740 ug/l

RT: 11.687 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD077820.D

Acq: 11 Dec 2023 19:16

Instrument :

MSVOA_D

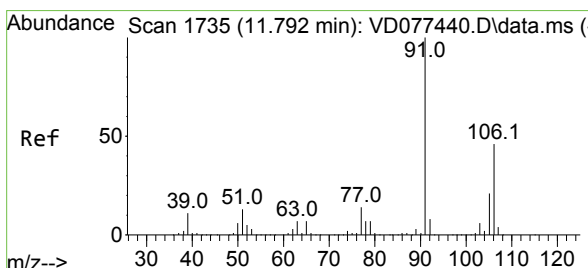
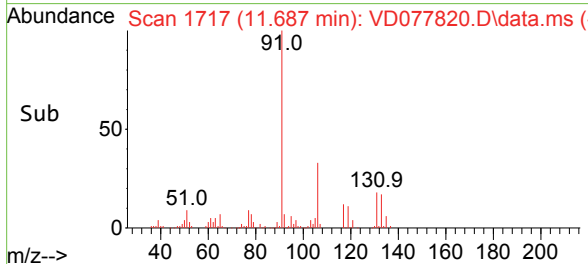
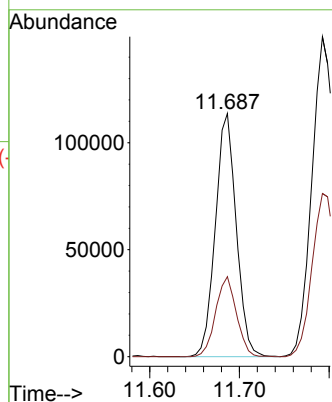
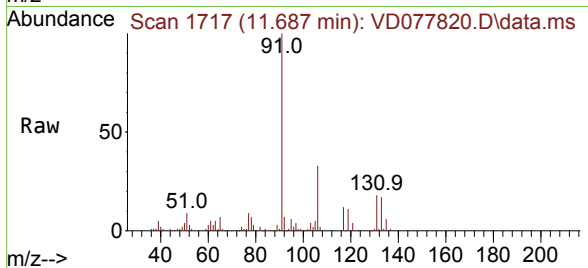
ClientSampleId :

Tgt Ion: 91 Resp: 183500

Ion Ratio Lower Upper

91 100

106 32.9 26.5 39.7



#68

m/p-Xylenes

Concen: 42.768 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD077820.D

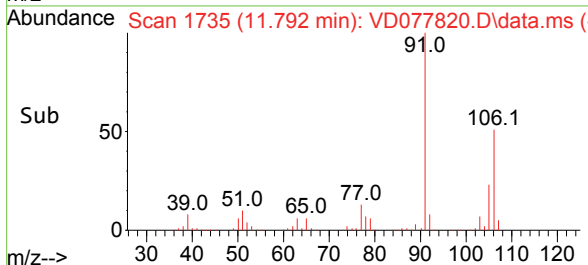
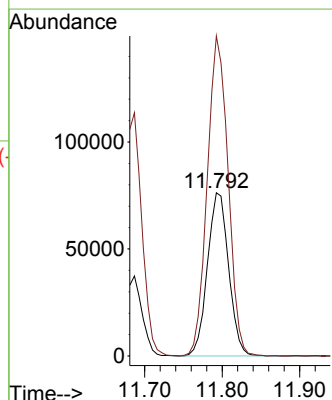
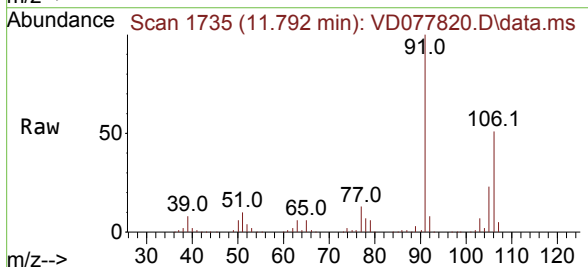
Acq: 11 Dec 2023 19:16

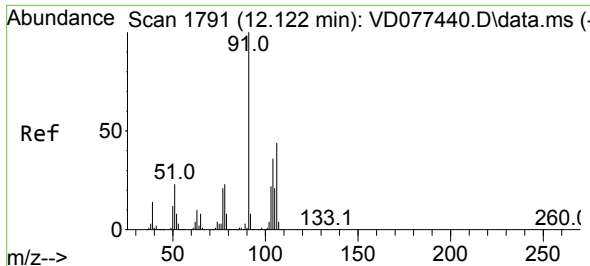
Tgt Ion:106 Resp: 144738

Ion Ratio Lower Upper

106 100

91 193.0 147.0 220.6

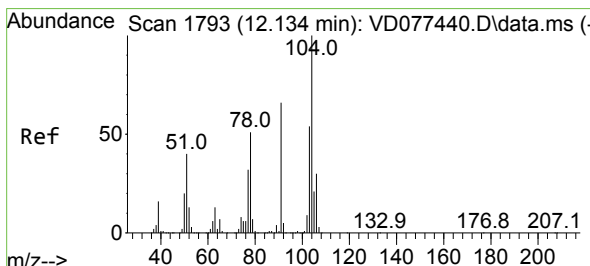
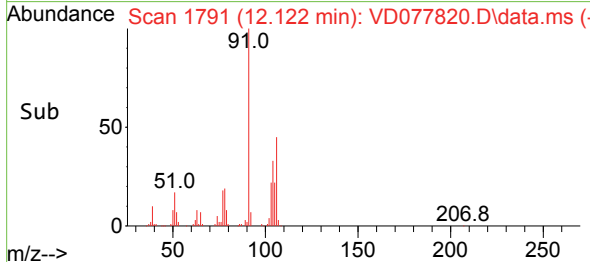
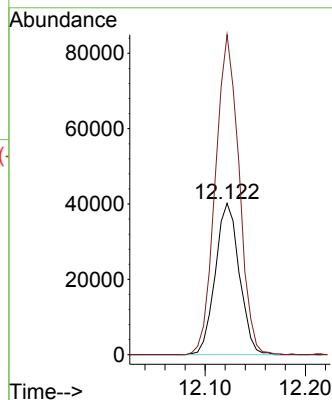
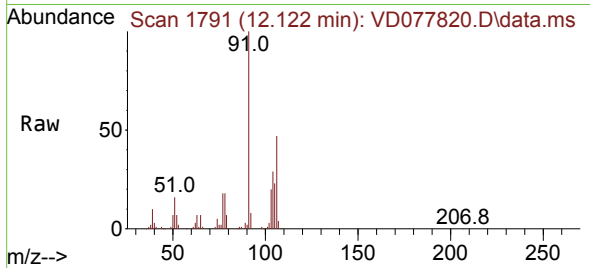




#69
o-Xylene
Concen: 21.390 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

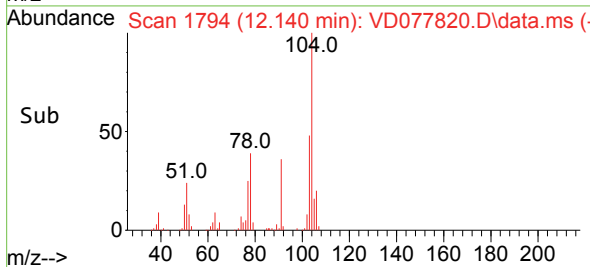
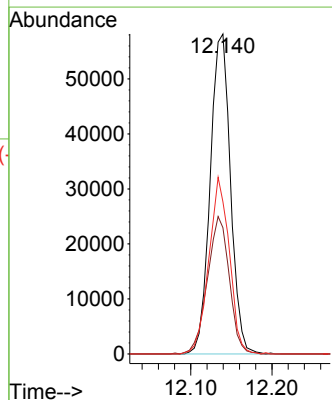
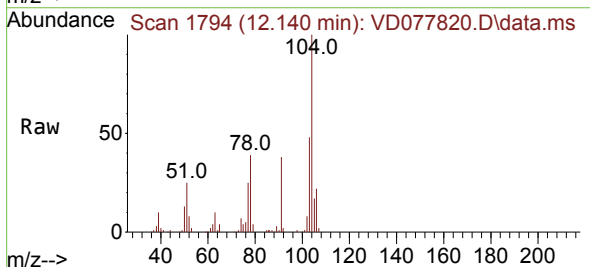
Instrument :
MSVOA_D
ClientSampleId :

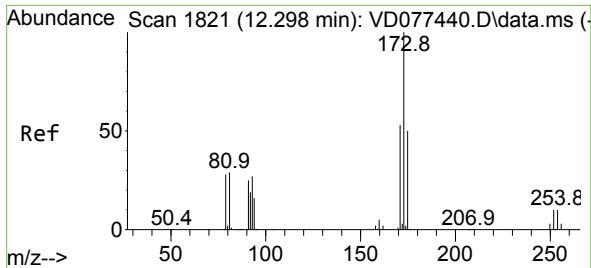
Tgt Ion:106 Resp: 66715
Ion Ratio Lower Upper
106 100
91 208.4 97.9 293.6



#70
Styrene
Concen: 21.753 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

Tgt Ion:104 Resp: 100885
Ion Ratio Lower Upper
104 100
78 46.4 33.2 49.8
103 55.7 43.6 65.4

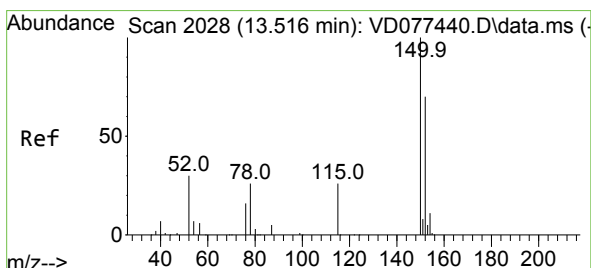
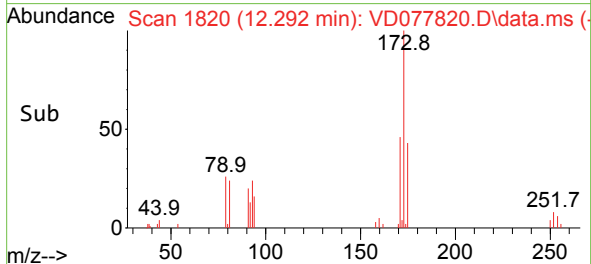
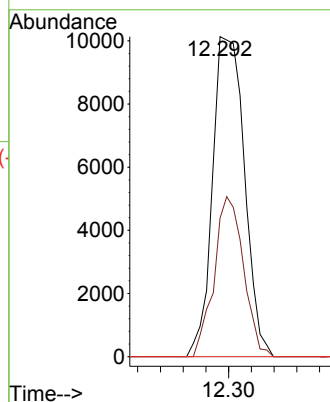
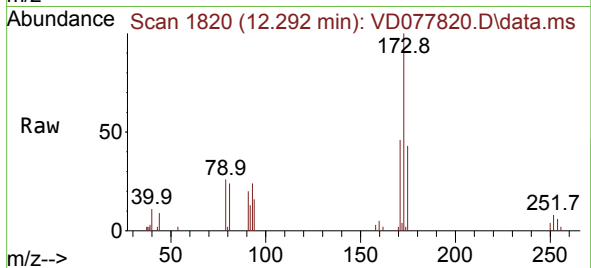




#71
Bromoform
Concen: 21.438 ug/l
RT: 12.292 min Scan# 1821
Delta R.T. -0.006 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

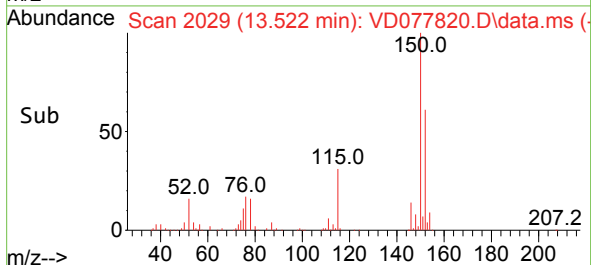
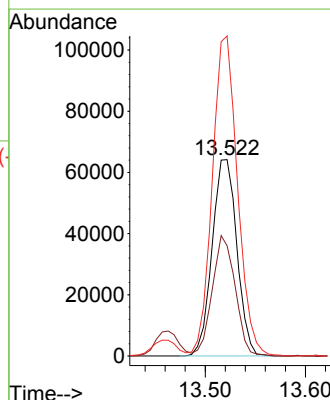
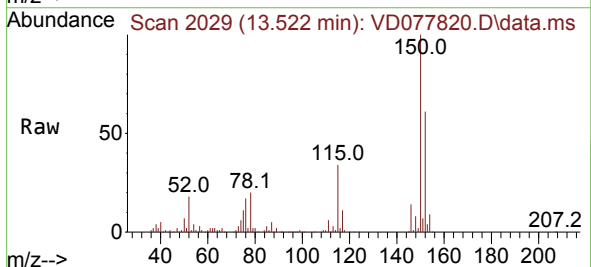
Instrument :
MSVOA_D
ClientSampleId :

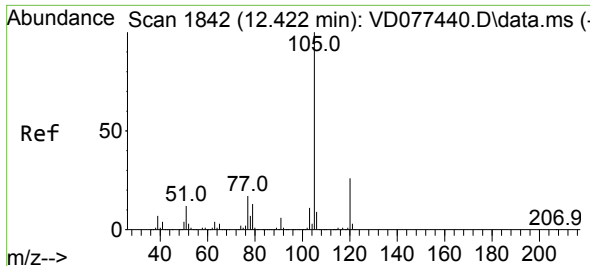
Tgt Ion:173 Resp: 19795
Ion Ratio Lower Upper
173 100
175 46.0 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

Tgt Ion:152 Resp: 109980
Ion Ratio Lower Upper
152 100
115 56.8 27.1 81.3
150 166.4 0.0 353.6

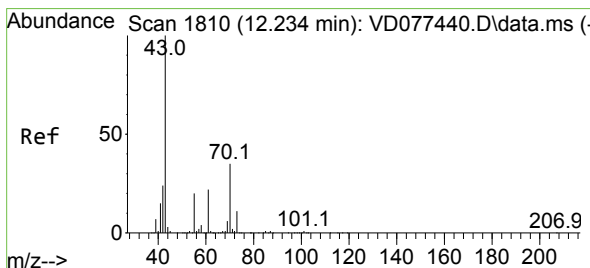
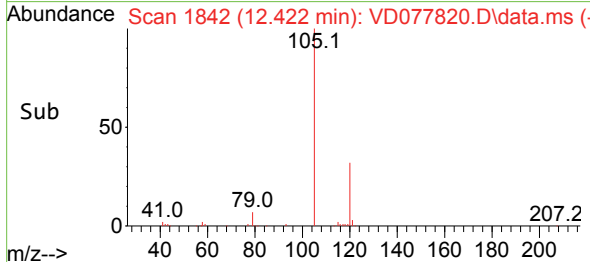
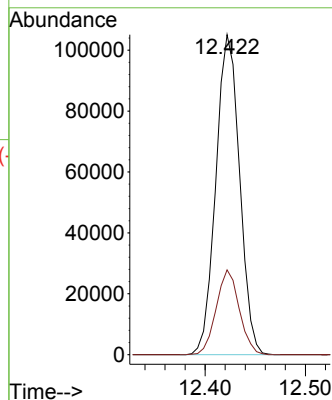
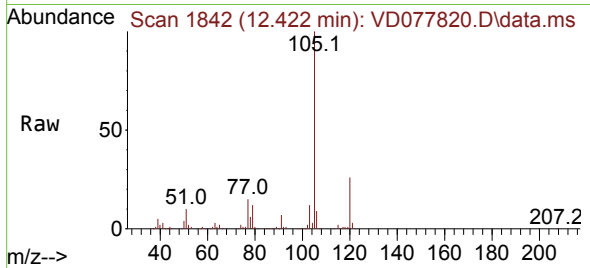




#73
Isopropylbenzene
Concen: 20.669 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

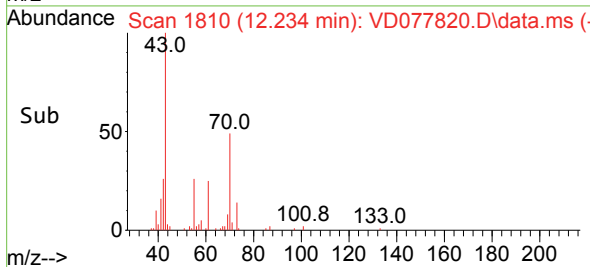
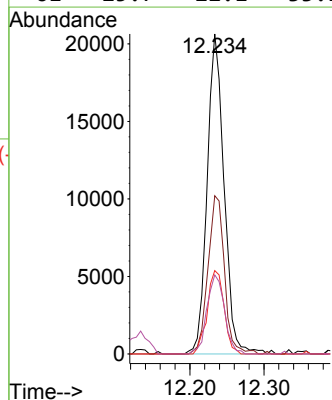
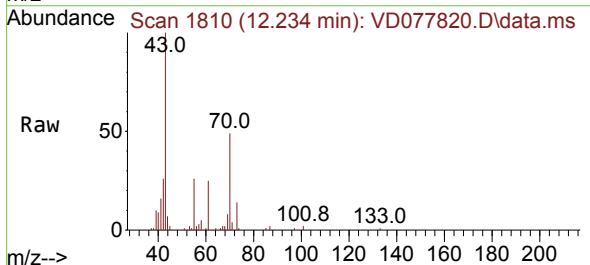
Instrument :
MSVOA_D
ClientSampleId :

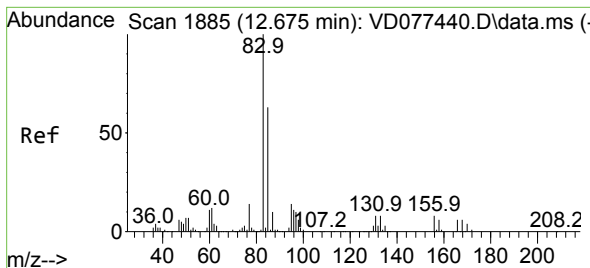
Tgt Ion:105 Resp: 172284
Ion Ratio Lower Upper
105 100
120 25.7 14.3 42.9



#74
N-ethyl acetate
Concen: 20.055 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

Tgt Ion: 43 Resp: 32861
Ion Ratio Lower Upper
43 100
70 48.2 45.0 67.4
55 25.8 23.8 35.6
61 25.7 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 21.737 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD077820.D

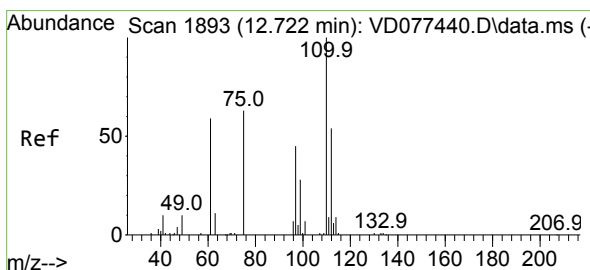
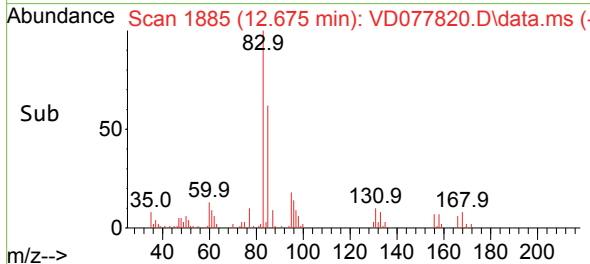
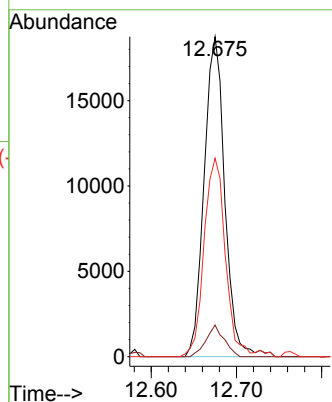
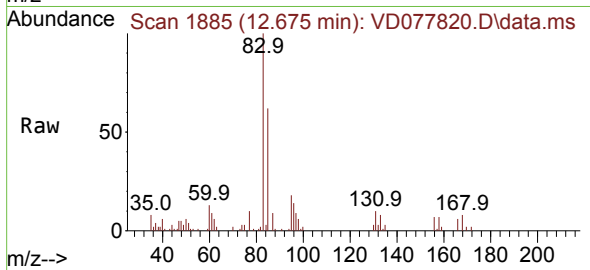
Acq: 11 Dec 2023 19:16

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	83	Resp:	31592
Ion Ratio	Lower	Upper	
83	100		
131	8.7	5.1	15.3
85	63.8	32.6	97.8



#76

1,2,3-Trichloropropane

Concen: 40.943 ug/l

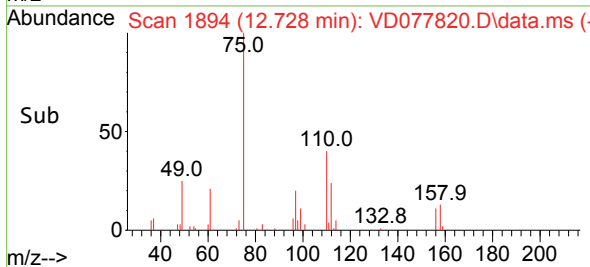
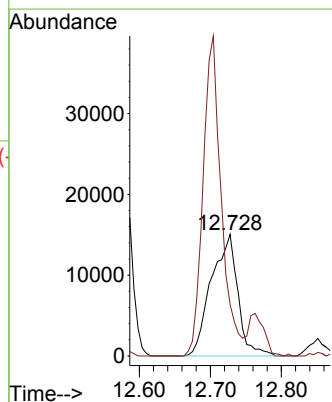
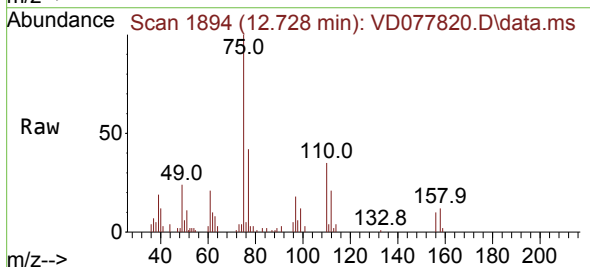
RT: 12.728 min Scan# 1894

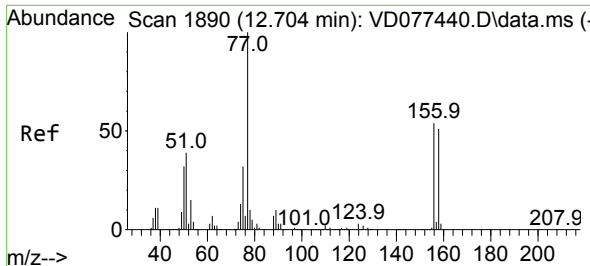
Delta R.T. 0.006 min

Lab File: VD077820.D

Acq: 11 Dec 2023 19:16

Tgt Ion:	75	Resp:	39108
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0

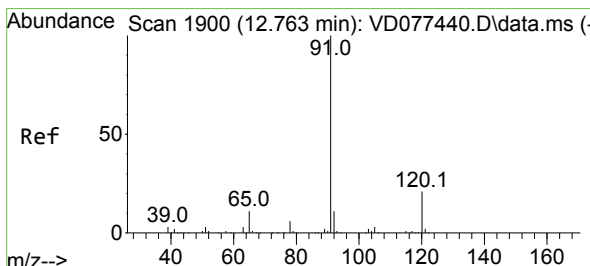
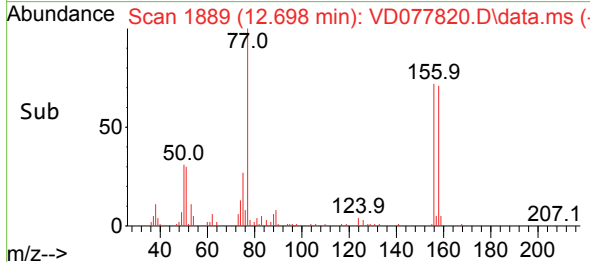
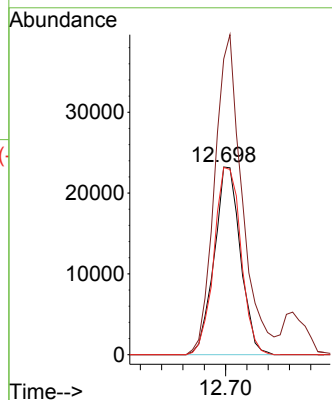
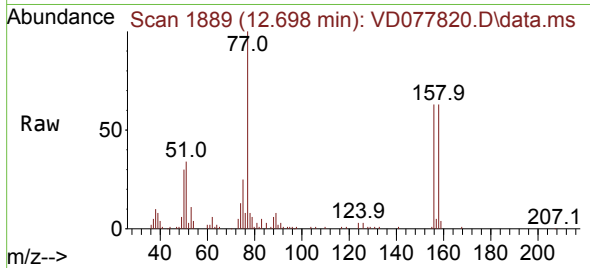




#77
Bromobenzene
Concen: 20.294 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

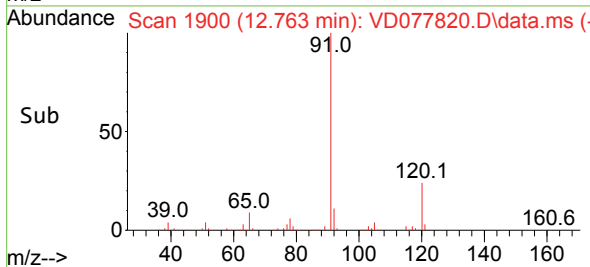
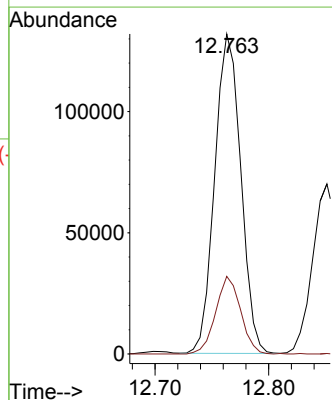
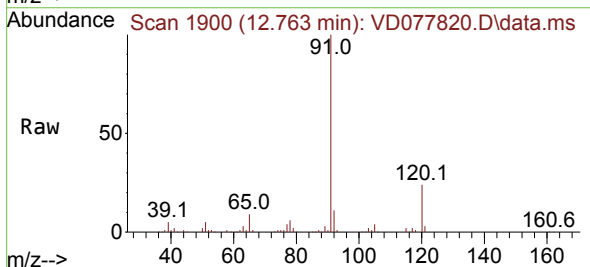
Instrument :
MSVOA_D
ClientSampleId :

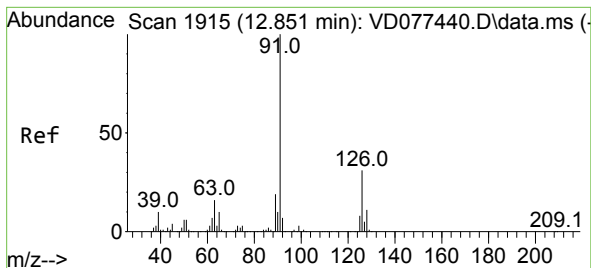
Tgt Ion:156 Resp: 39788
Ion Ratio Lower Upper
156 100
77 178.0 76.8 230.4
158 102.6 48.6 145.9



#78
n-propylbenzene
Concen: 20.682 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

Tgt Ion: 91 Resp: 210074
Ion Ratio Lower Upper
91 100
120 23.2 12.4 37.2





#79

2-Chlorotoluene

Concen: 21.135 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD077820.D

Acq: 11 Dec 2023 19:16

Instrument :

MSVOA_D

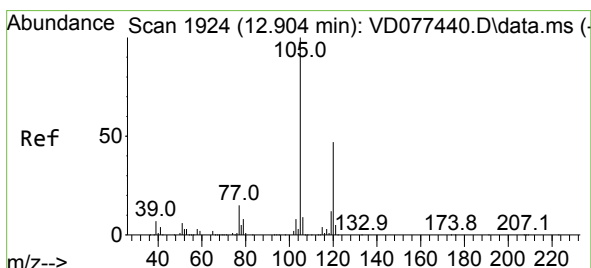
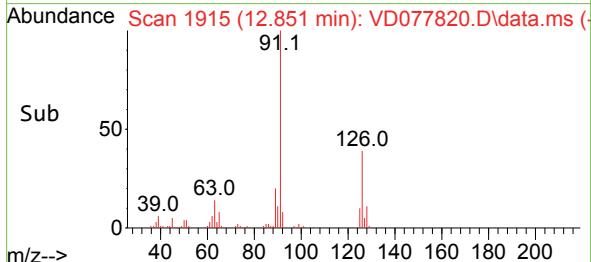
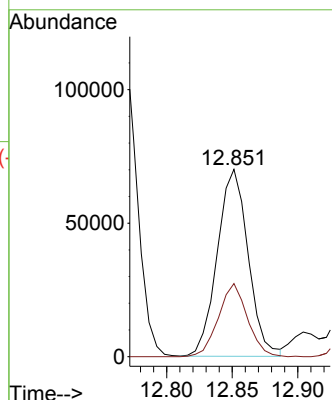
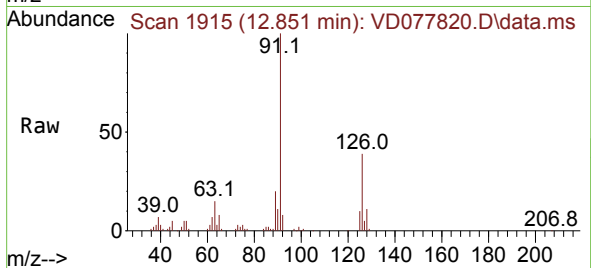
ClientSampleId :

Tgt Ion: 91 Resp: 115046

Ion Ratio Lower Upper

91 100

126 36.6 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 20.429 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD077820.D

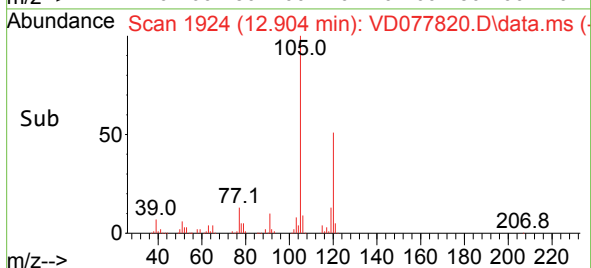
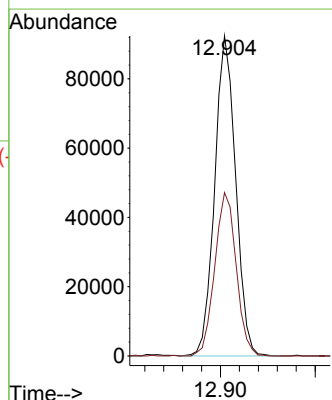
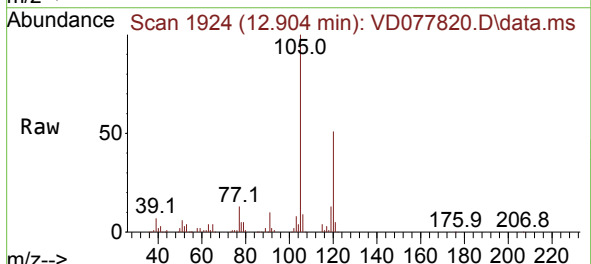
Acq: 11 Dec 2023 19:16

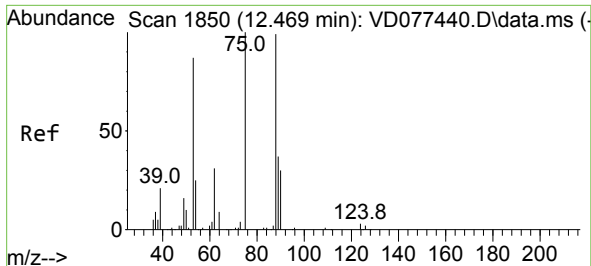
Tgt Ion: 105 Resp: 142024

Ion Ratio Lower Upper

105 100

120 52.2 26.4 79.2

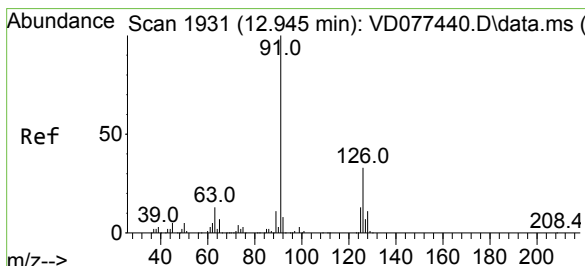
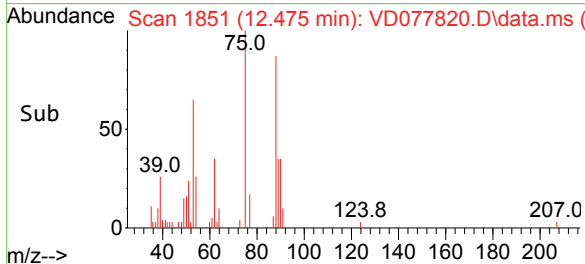
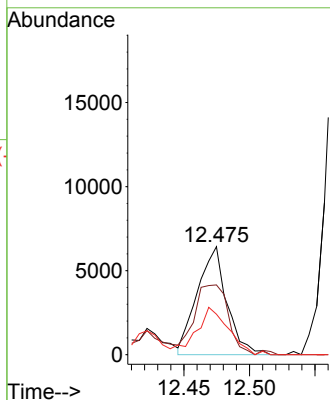
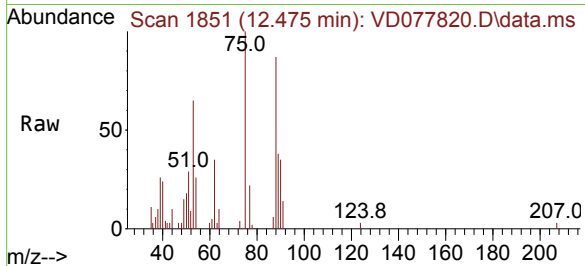




#81
trans-1,4-Dichloro-2-butene
Concen: 21.413 ug/l
RT: 12.475 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

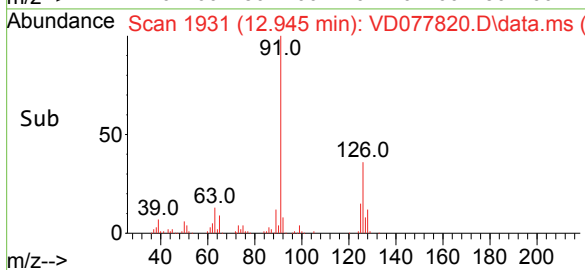
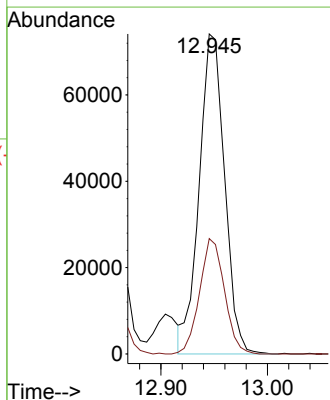
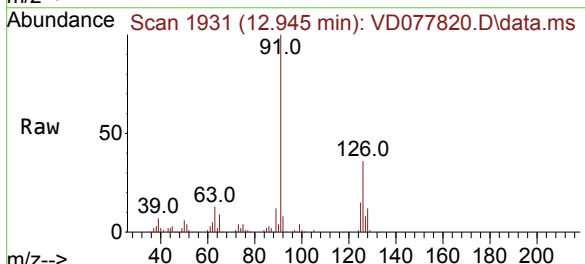
Instrument :
MSVOA_D
ClientSampleId :

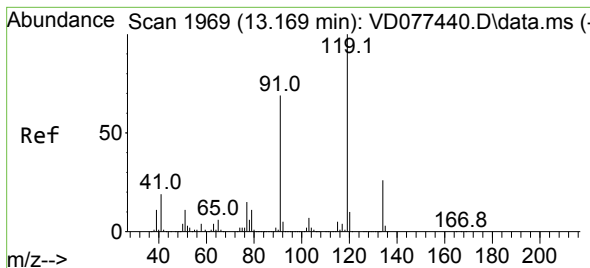
Tgt Ion: 75 Resp: 10095
Ion Ratio Lower Upper
75 100
53 73.6 63.0 94.4
89 47.6 37.9 56.9



#82
4-Chlorotoluene
Concen: 21.591 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

Tgt Ion: 91 Resp: 122862
Ion Ratio Lower Upper
91 100
126 35.3 19.4 58.4





#83

tert-Butylbenzene

Concen: 21.359 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD077820.D

Acq: 11 Dec 2023 19:16

Instrument :

MSVOA_D

ClientSampleId :

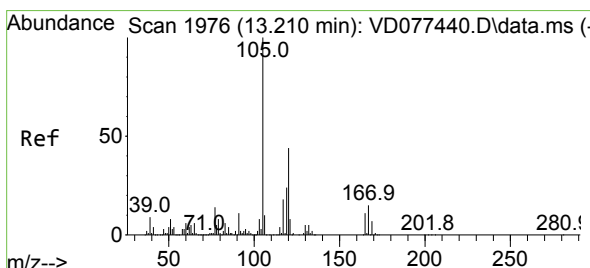
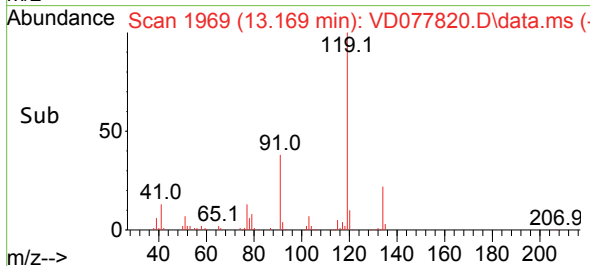
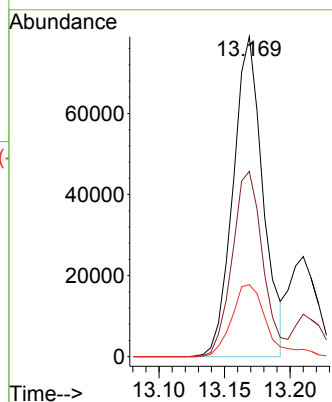
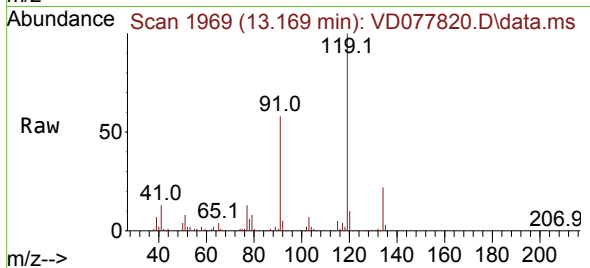
Tgt Ion:119 Resp: 125361

Ion Ratio Lower Upper

119 100

91 59.9 29.3 87.8

134 26.7 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 21.240 ug/l

RT: 13.216 min Scan# 1977

Delta R.T. 0.006 min

Lab File: VD077820.D

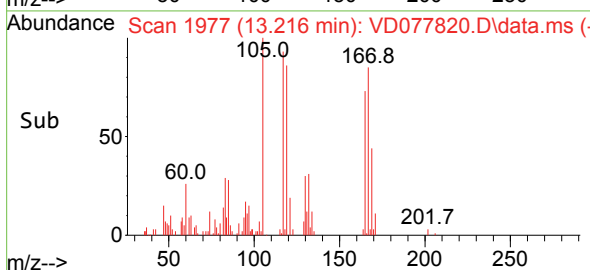
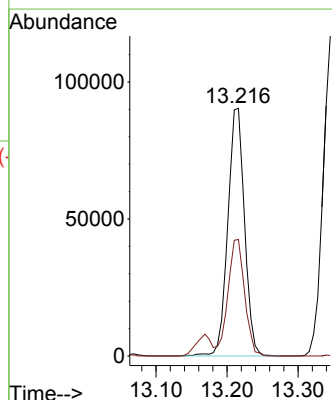
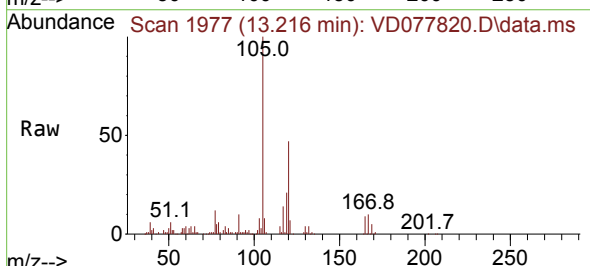
Acq: 11 Dec 2023 19:16

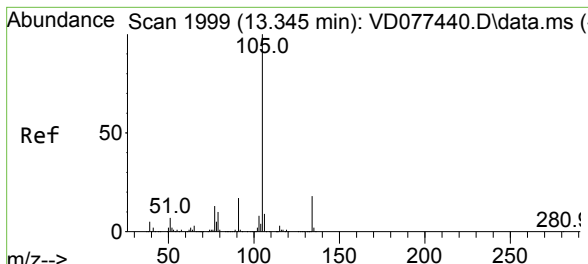
Tgt Ion:105 Resp: 147693

Ion Ratio Lower Upper

105 100

120 47.3 24.3 72.9

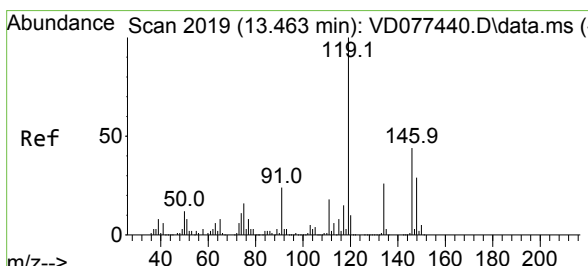
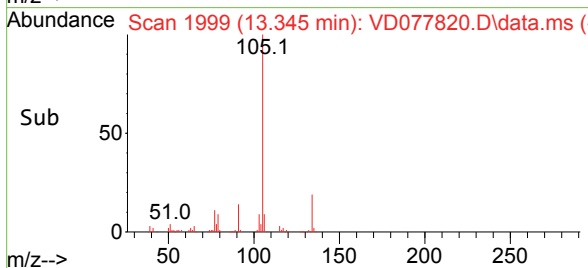
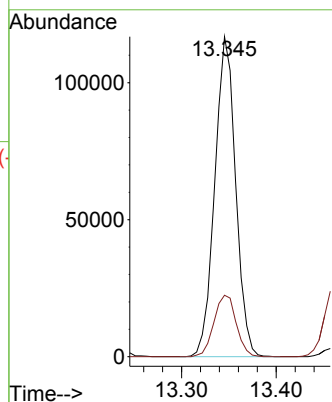
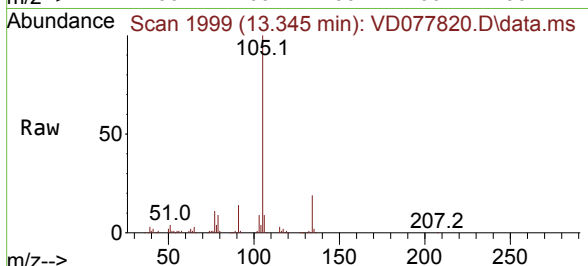




#85
 sec-Butylbenzene
 Concen: 20.600 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077820.D
 Acq: 11 Dec 2023 19:16

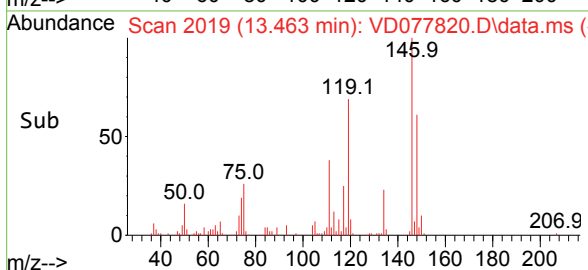
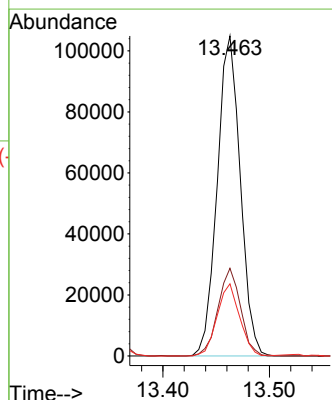
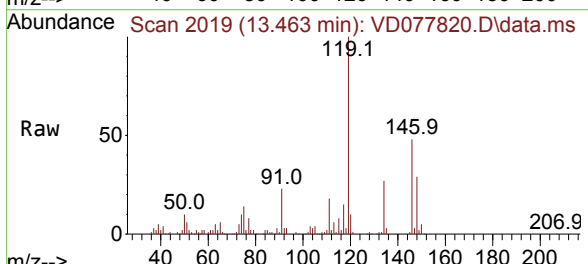
Instrument :
 MSVOA_D
 ClientSampleId :

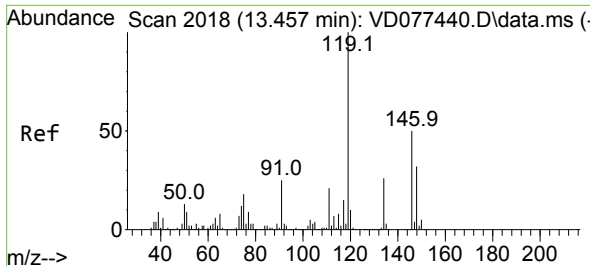
Tgt Ion:105 Resp: 178716
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 20.307 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD077820.D
 Acq: 11 Dec 2023 19:16

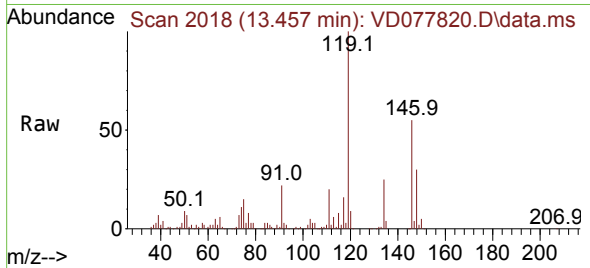
Tgt Ion:119 Resp: 157732
 Ion Ratio Lower Upper
 119 100
 134 26.7 14.2 42.6
 91 22.1 10.5 31.5



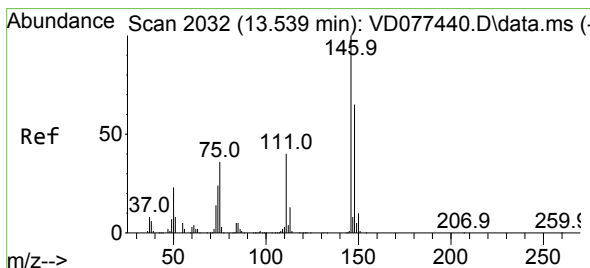
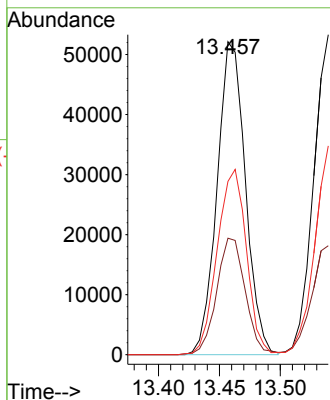
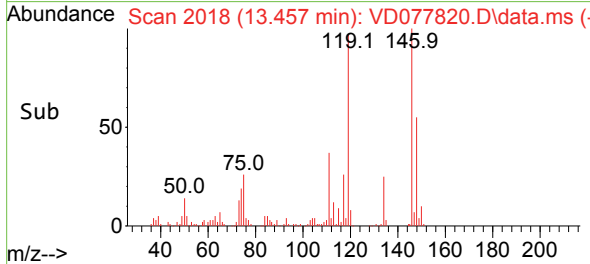


#87
1,3-Dichlorobenzene
Concen: 21.096 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

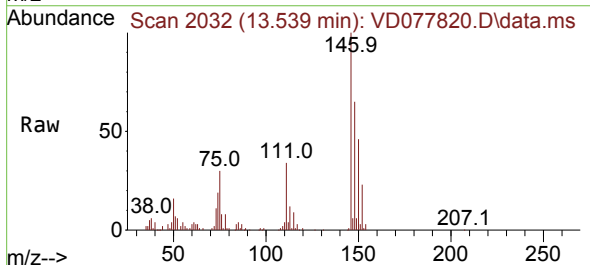
Instrument :
MSVOA_D
ClientSampleId :



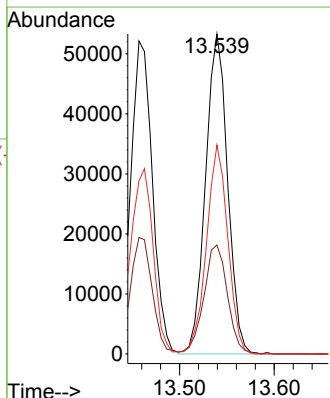
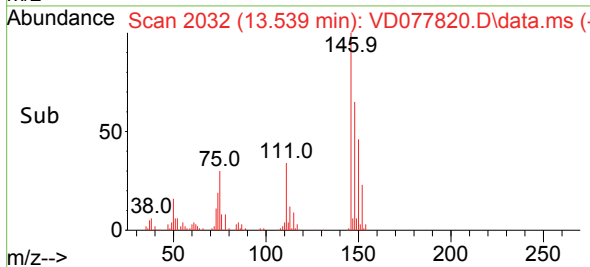
Tgt Ion:146 Resp: 84585
Ion Ratio Lower Upper
146 100
111 37.6 17.9 53.8
148 61.2 32.3 96.8

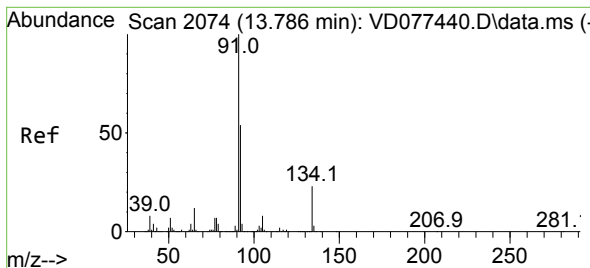


#88
1,4-Dichlorobenzene
Concen: 20.590 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16



Tgt Ion:146 Resp: 86180
Ion Ratio Lower Upper
146 100
111 36.5 17.4 52.3
148 63.2 31.7 95.1





#89

n-Butylbenzene

Concen: 20.815 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD077820.D

Acq: 11 Dec 2023 19:16

Instrument :

MSVOA_D

ClientSampleId :

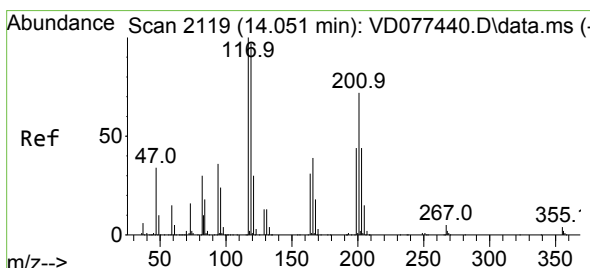
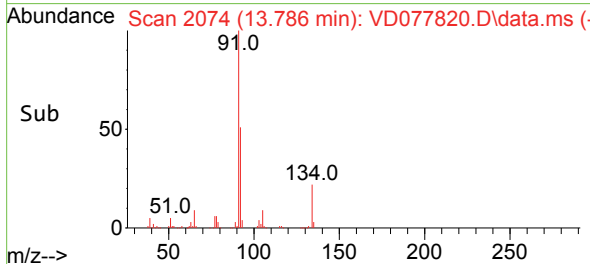
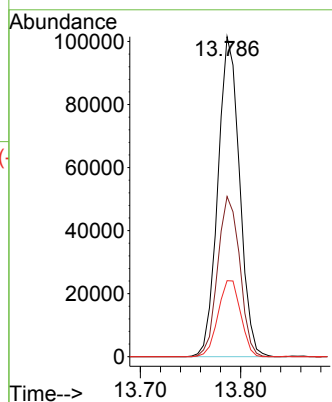
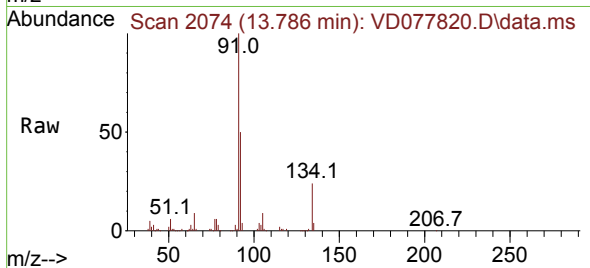
Tgt Ion: 91 Resp: 152137

Ion Ratio Lower Upper

91 100

92 50.8 26.5 79.5

134 24.8 13.8 41.3



#90

Hexachloroethane

Concen: 22.172 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD077820.D

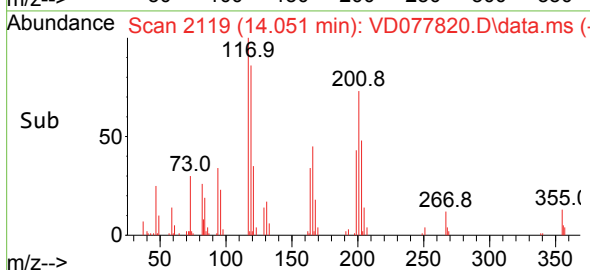
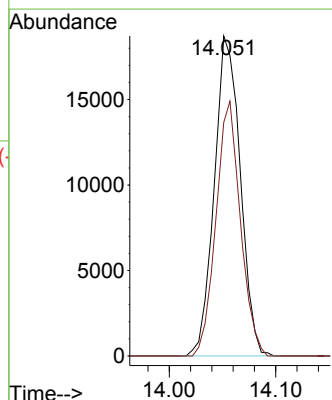
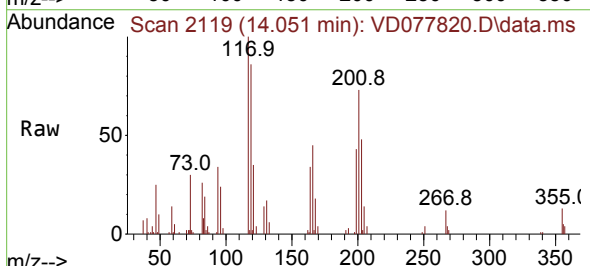
Acq: 11 Dec 2023 19:16

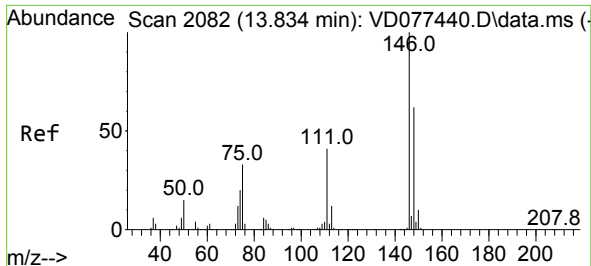
Tgt Ion: 117 Resp: 31672

Ion Ratio Lower Upper

117 100

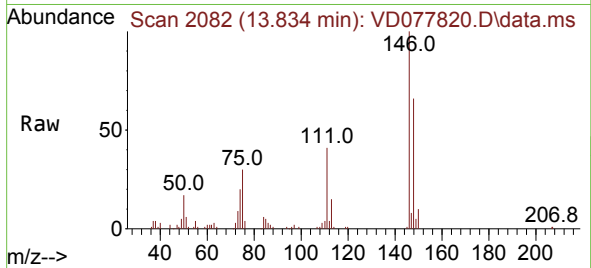
201 74.9 38.5 115.5



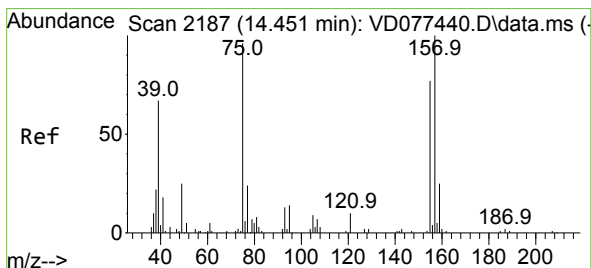
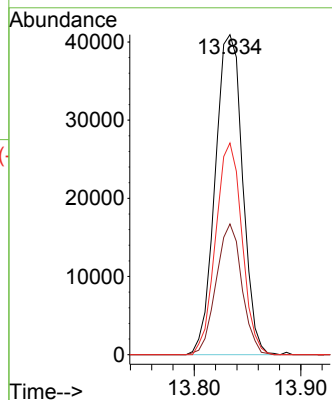
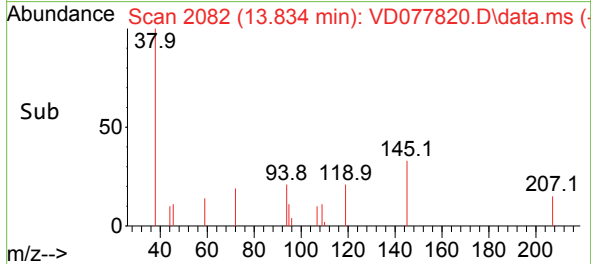


#91
1,2-Dichlorobenzene
Concen: 21.438 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

Instrument :
MSVOA_D
ClientSampleId :

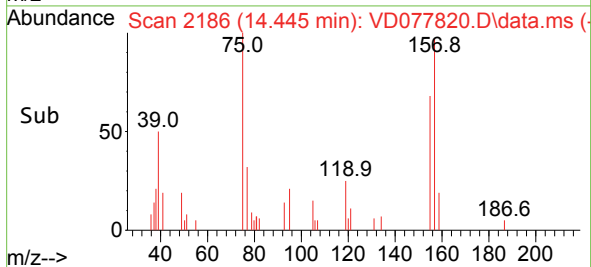
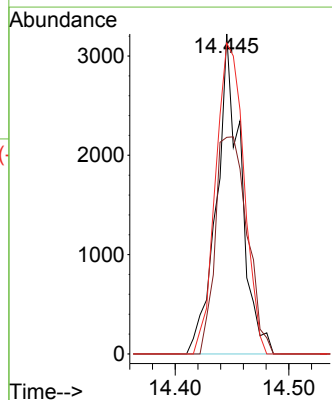
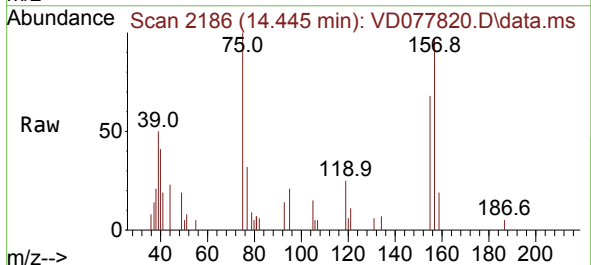


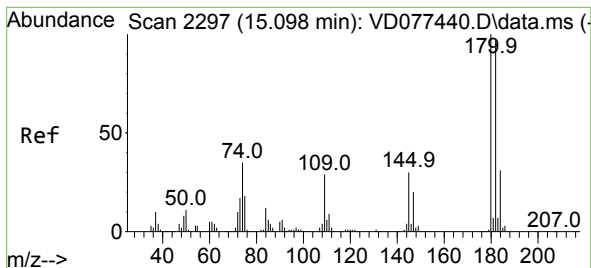
Tgt Ion:146 Resp: 73104
Ion Ratio Lower Upper
146 100
111 38.4 18.3 54.8
148 63.5 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.085 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

Tgt Ion: 75 Resp: 4765
Ion Ratio Lower Upper
75 100
155 89.5 47.9 143.8
157 113.9 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 20.414 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

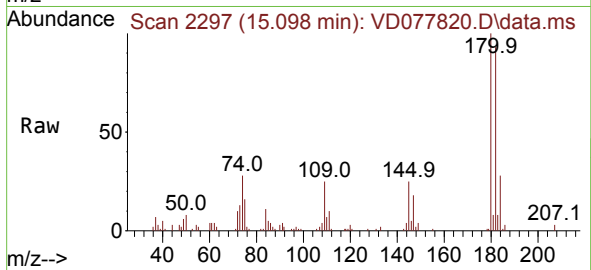
Lab File: VD077820.D

Acq: 11 Dec 2023 19:16

Instrument :

MSVOA_D

ClientSampleId :



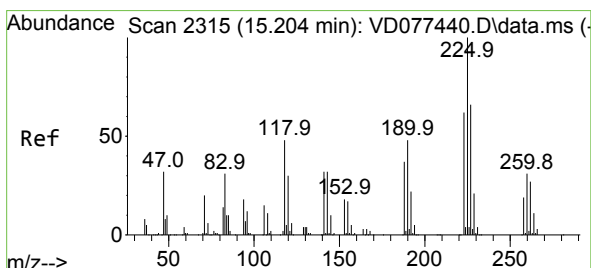
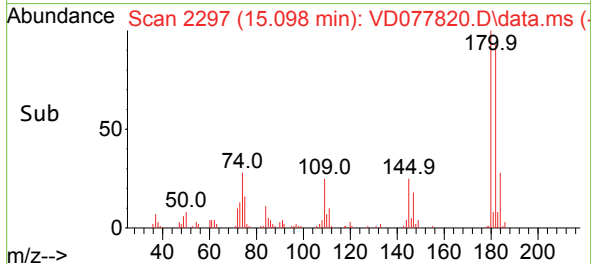
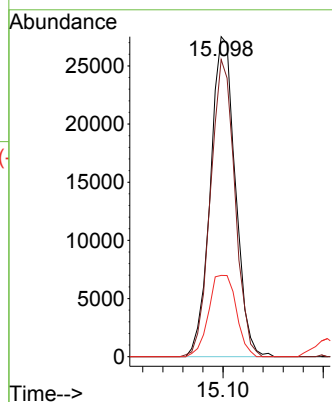
Tgt Ion:180 Resp: 47547

Ion Ratio Lower Upper

180 100

182 90.4 48.5 145.6

145 28.1 14.2 42.6



#94

Hexachlorobutadiene

Concen: 19.489 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD077820.D

Acq: 11 Dec 2023 19:16

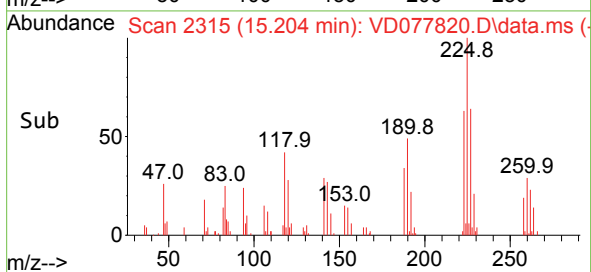
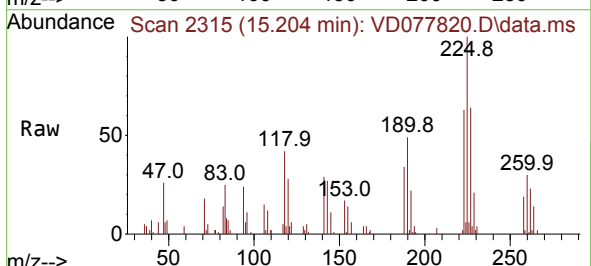
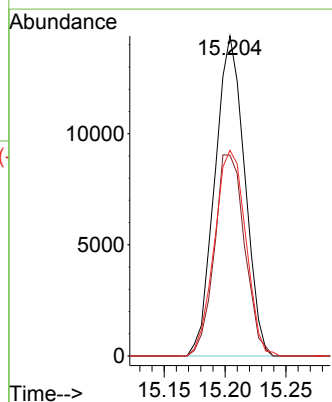
Tgt Ion:225 Resp: 24478

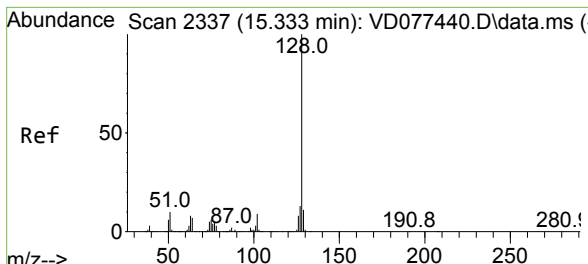
Ion Ratio Lower Upper

225 100

223 64.0 31.6 94.8

227 67.6 31.7 95.1

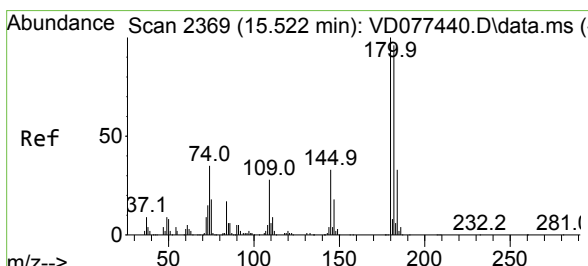
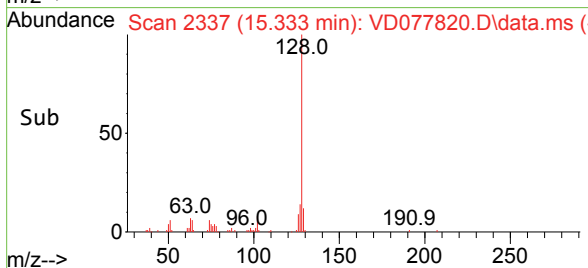
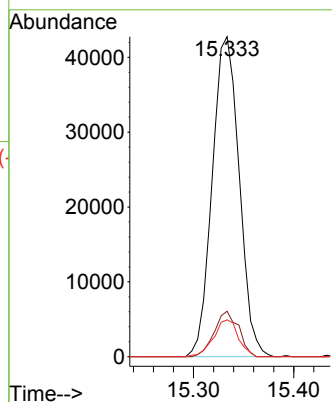
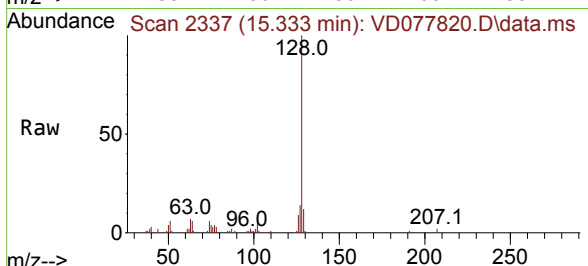




#95
Naphthalene
Concen: 20.642 ug/l
RT: 15.333 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128	Resp:	79885
Ion Ratio	Lower	Upper
128	100	
127	14.2	10.5 15.7
129	11.5	8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.880 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

Tgt Ion:180	Resp:	38173
Ion Ratio	Lower	Upper
180	100	
182	97.1	47.3 141.9
145	30.3	15.1 45.3

