

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121223\
 Data File : VD077820.D
 Acq On : 11 Dec 2023 19:16
 Operator : JC/SY
 Sample : VD1211SBSD01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1212SBSD01

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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Instrument :
 MSVOA_D
 ClientSampleId :
 VD1212SBS01

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)
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

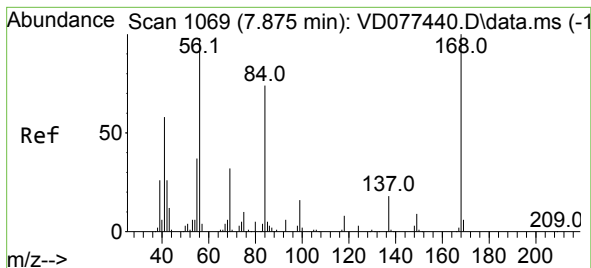
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121223\
Data File : VD077820.D
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Quant Title : SW846 8260
QLast Update : Fri Dec 08 13:33:18 2023
Response via : Initial Calibration

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

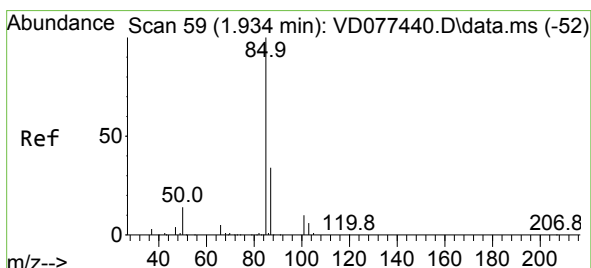
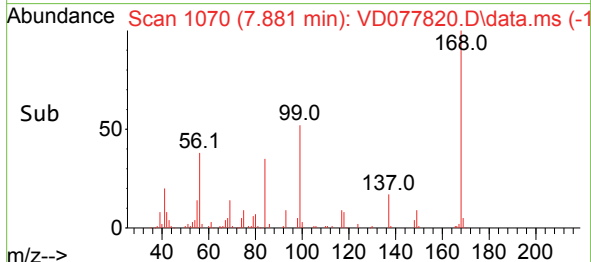
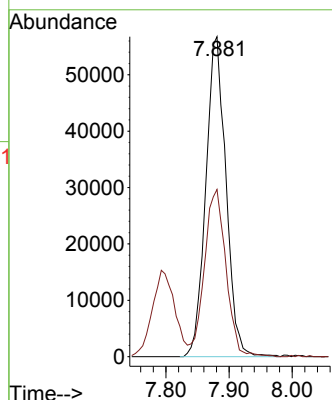
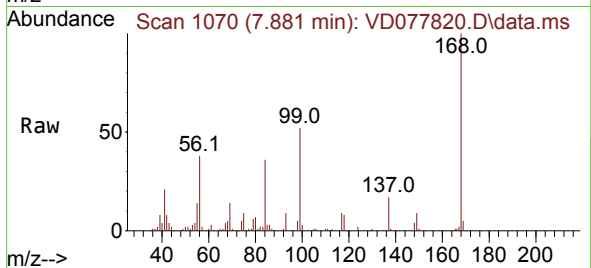
VD1212SBSD01

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

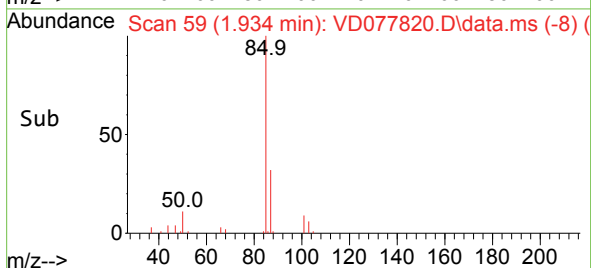
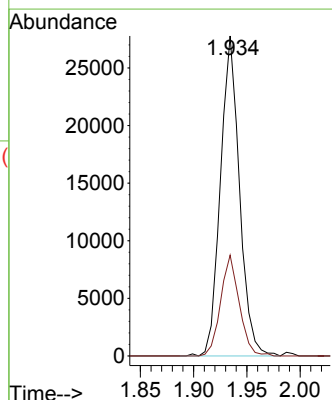
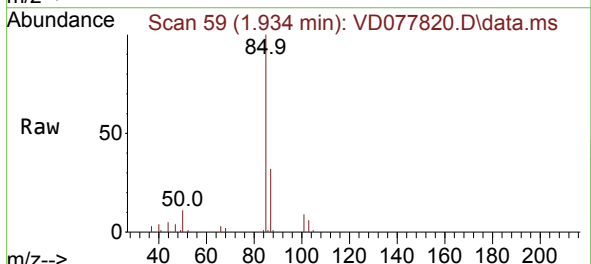
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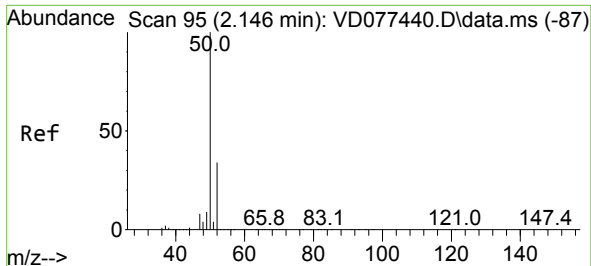
Tgt Ion: 85 Resp: 34509

Ion Ratio Lower Upper

85 100

87 31.5 15.7 47.0

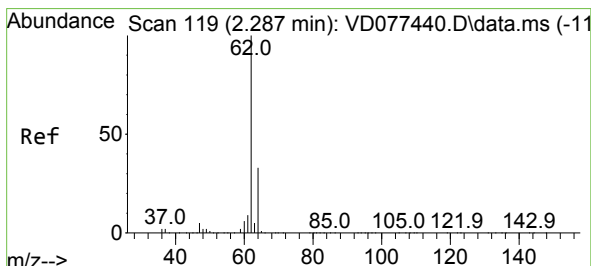
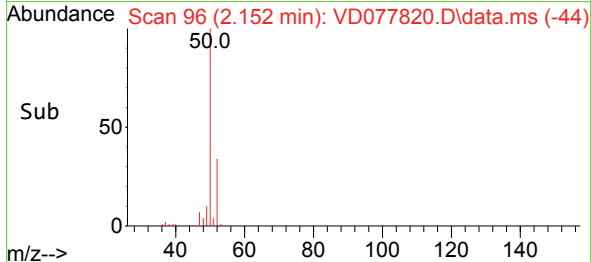
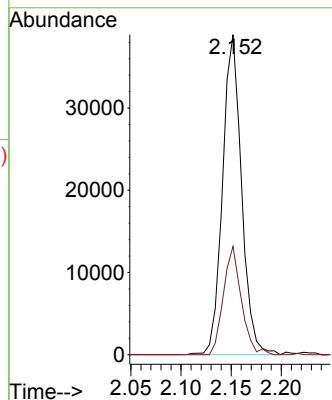
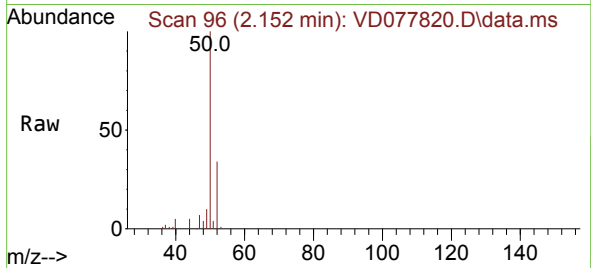




#3
Chloromethane
Concen: 23.896 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

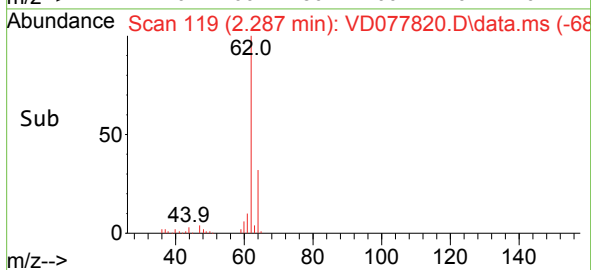
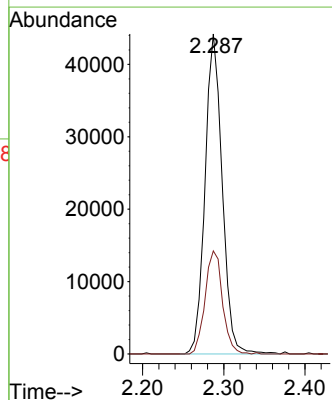
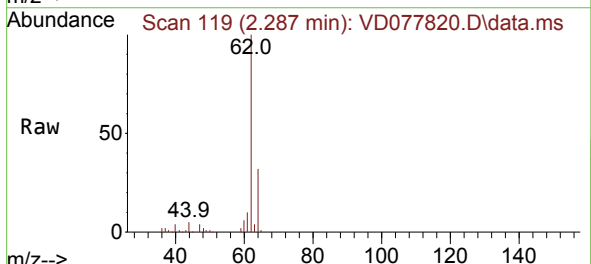
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBSD01

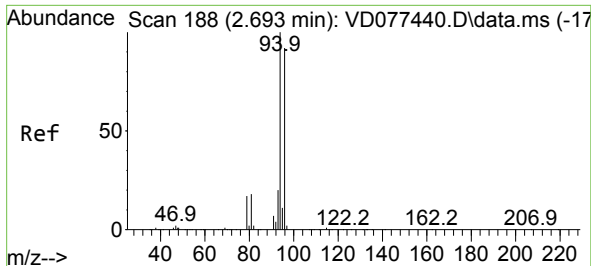
Tgt Ion: 50 Resp: 51167
Ion Ratio Lower Upper
50 100
52 33.9 26.6 40.0



#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

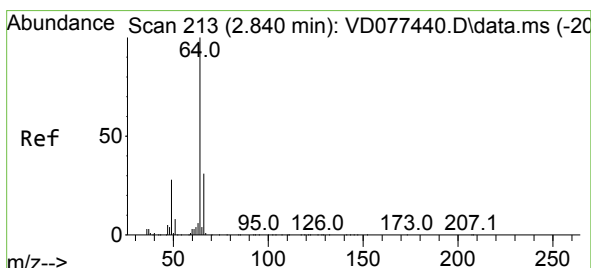
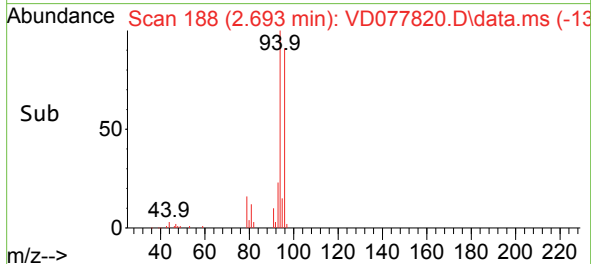
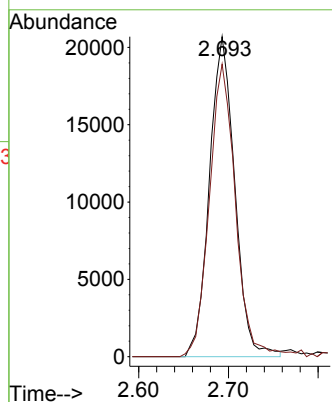
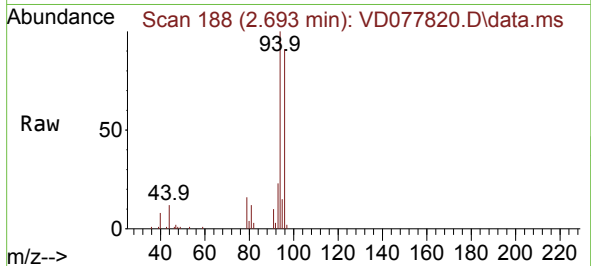




#5
Bromomethane
Concen: 24.881 ug/l
RT: 2.693 min Scan# 188
Delta R.T. -0.000 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

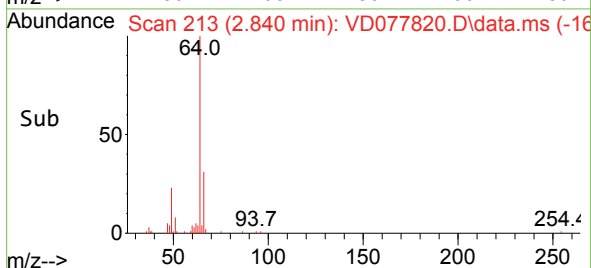
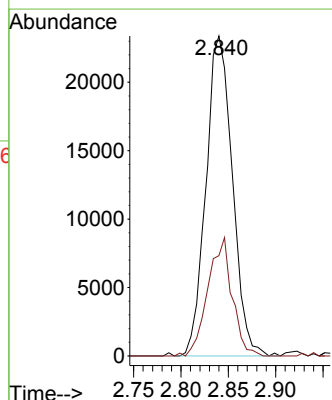
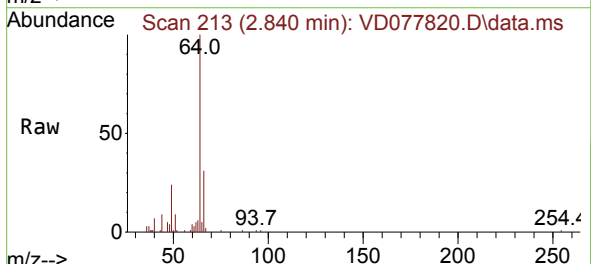
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBSD01

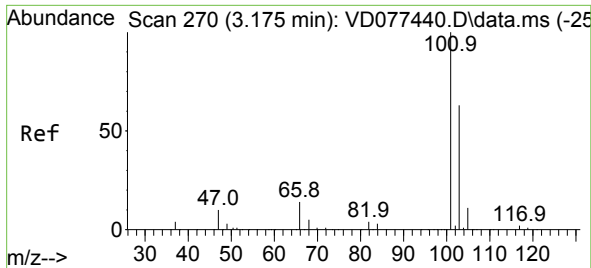
Tgt Ion: 94 Resp: 40584
Ion Ratio Lower Upper
94 100
96 93.9 75.8 113.8



#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

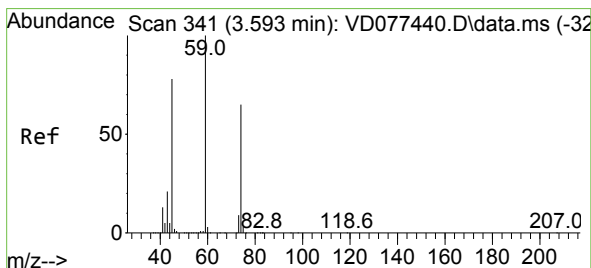
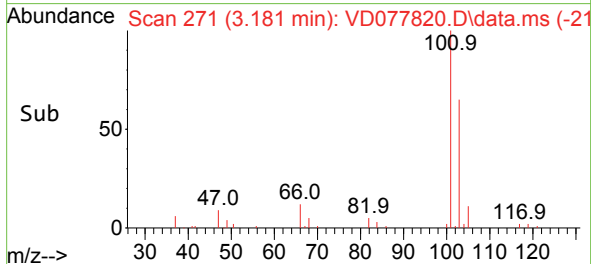
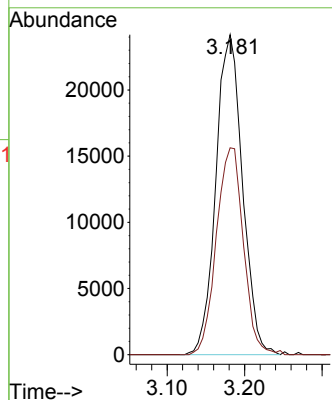
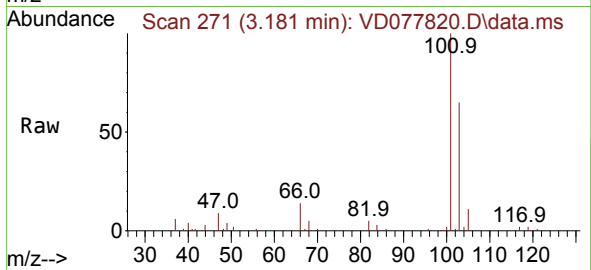




#7
Trichlorofluoromethane
Concen: 21.590 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

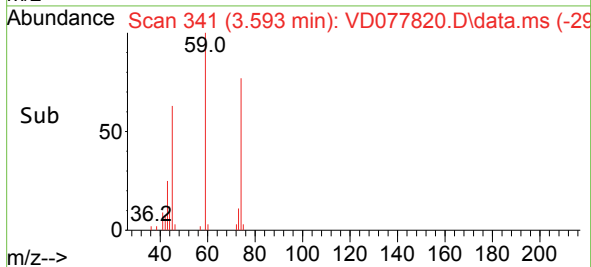
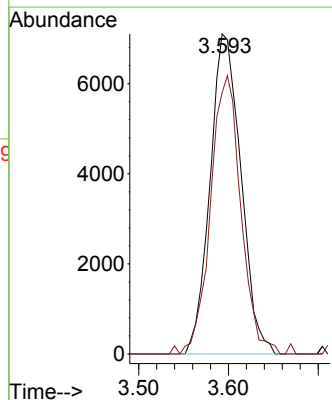
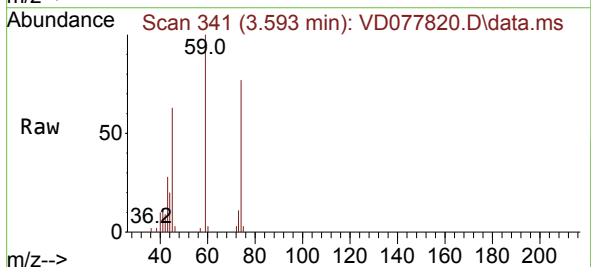
Instrument :
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VD1212SBSD01

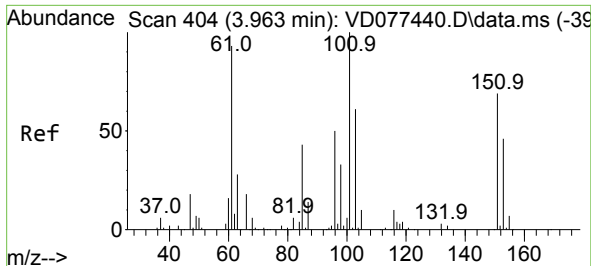
Tgt Ion:101 Resp: 57803
Ion Ratio Lower Upper
101 100
103 64.7 52.3 78.5



#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

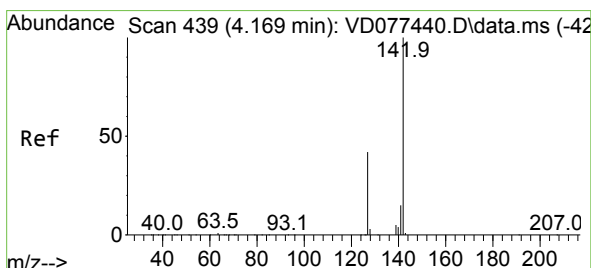
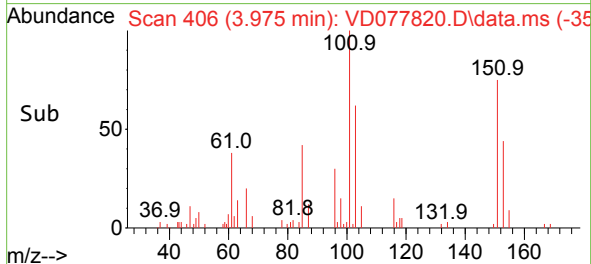
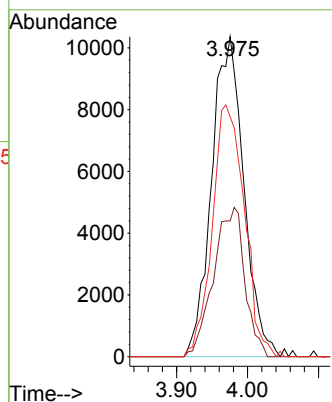
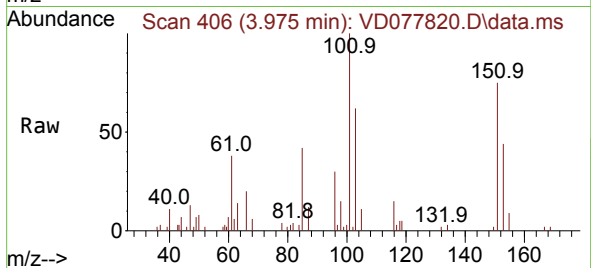




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.280 ug/l
RT: 3.975 min Scan# 406
Delta R.T. 0.012 min
Lab File: VD077820.D
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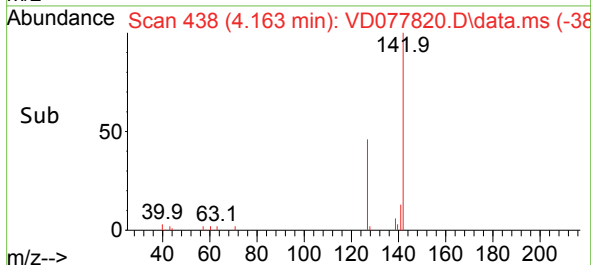
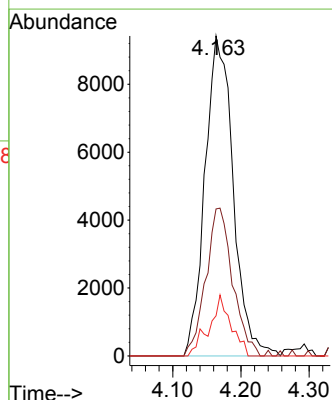
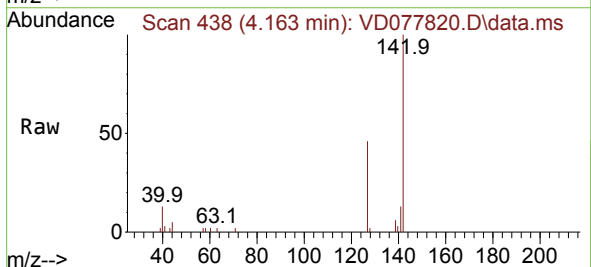
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBSD01

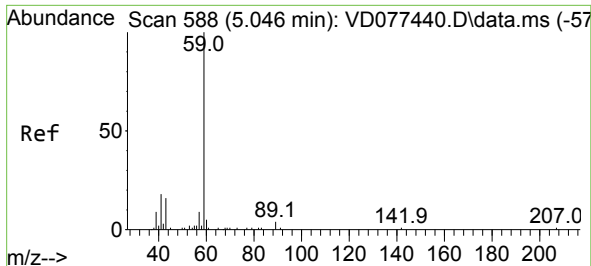
Tgt Ion:101 Resp: 32593
Ion Ratio Lower Upper
101 100
85 45.3 33.8 50.6
151 78.6 59.8 89.6



#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 :

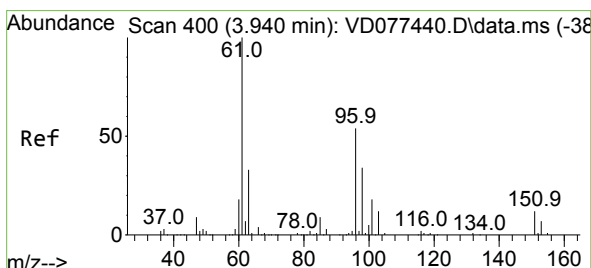
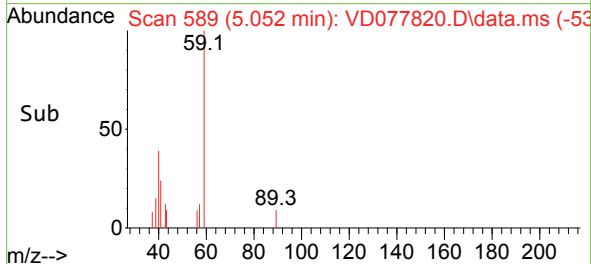
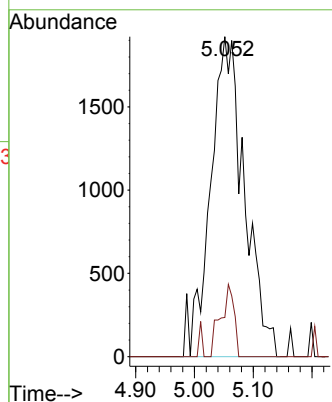
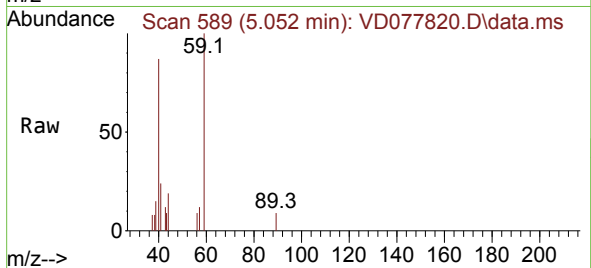
VD1212SBS01

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

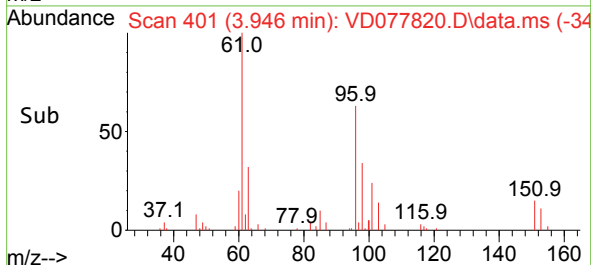
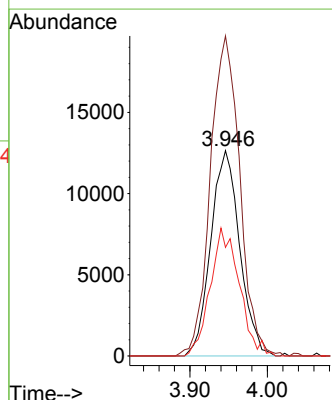
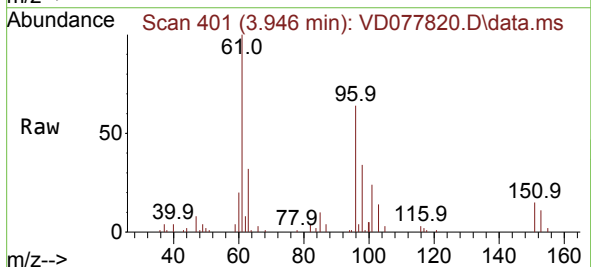
Tgt Ion: 96 Resp: 32871

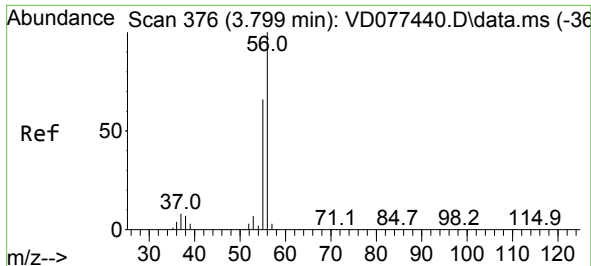
Ion Ratio Lower Upper

96 100

61 154.5 100.6 150.8#

98 52.9 50.2 75.2

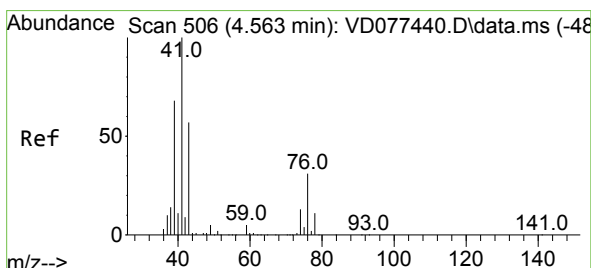
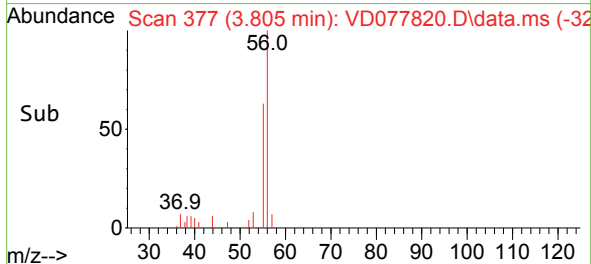
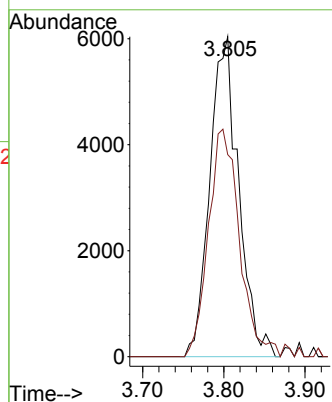
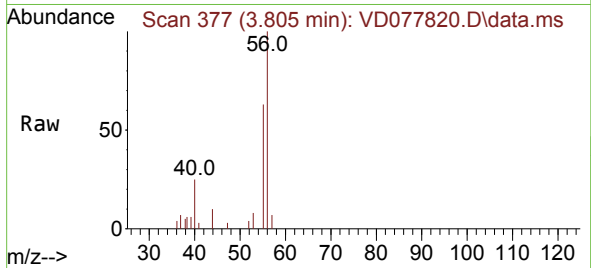




#13
Acrolein
Concen: 94.829 ug/l
RT: 3.805 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

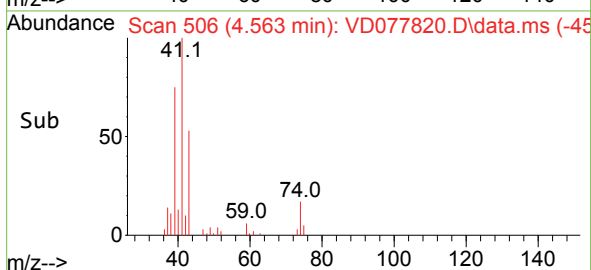
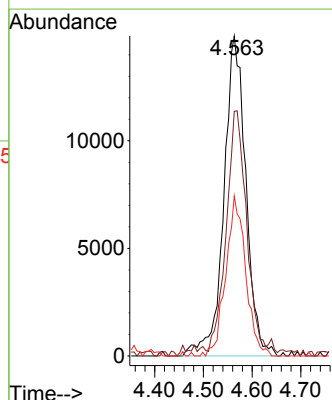
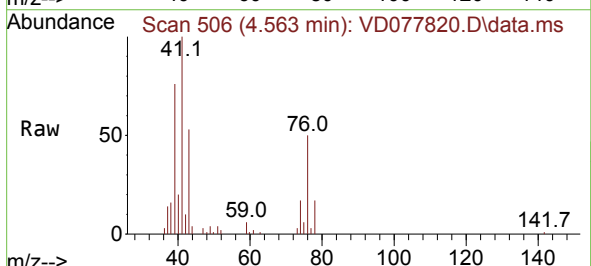
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBSD01

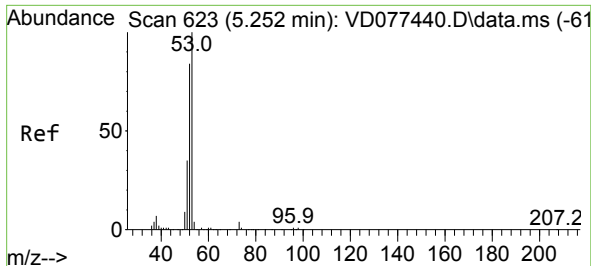
Tgt Ion: 56 Resp: 14865
Ion Ratio Lower Upper
56 100
55 76.4 55.1 82.7



#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#

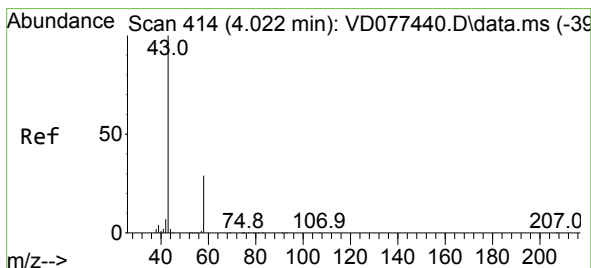
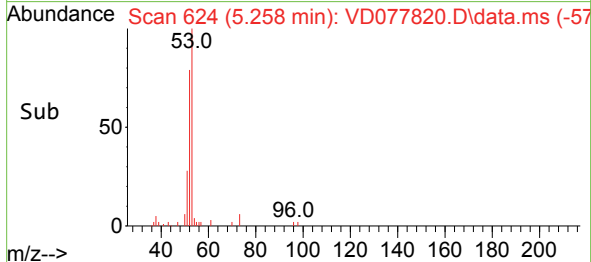
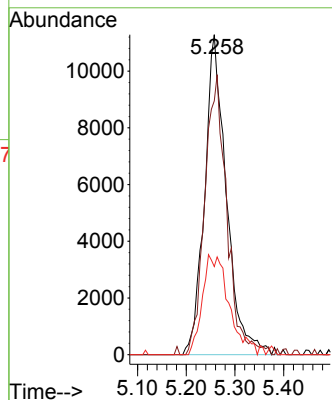
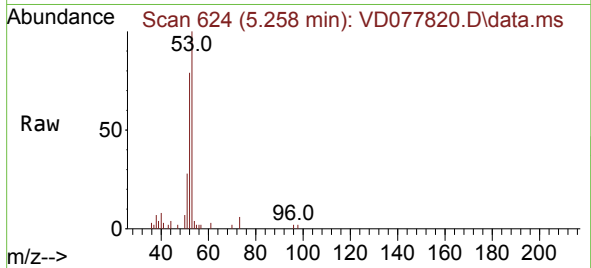




#15
Acrylonitrile
Concen: 109.449 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

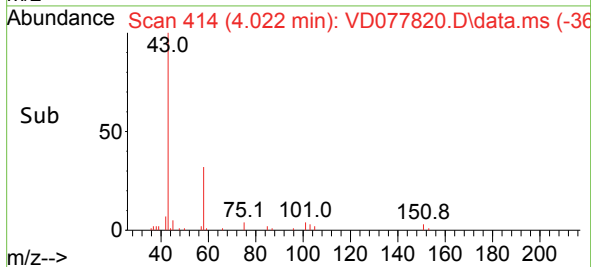
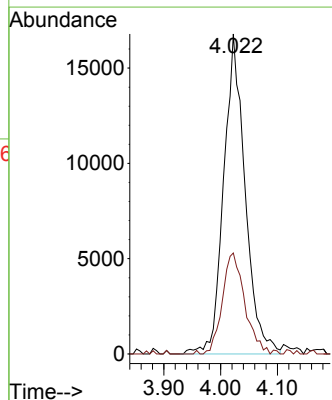
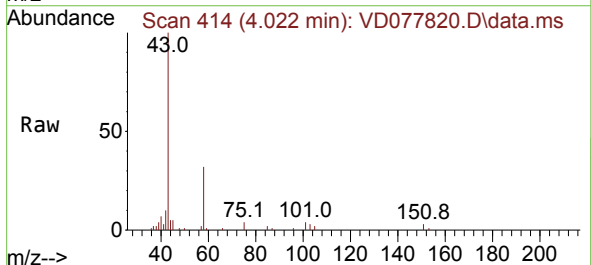
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBSD01

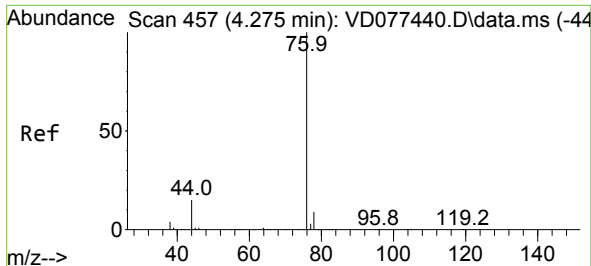
Tgt Ion: 53 Resp: 35229
Ion Ratio Lower Upper
53 100
52 88.5 65.0 97.4
51 17.8 28.3 42.5#



#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#

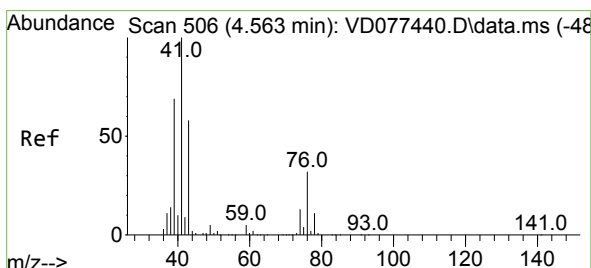
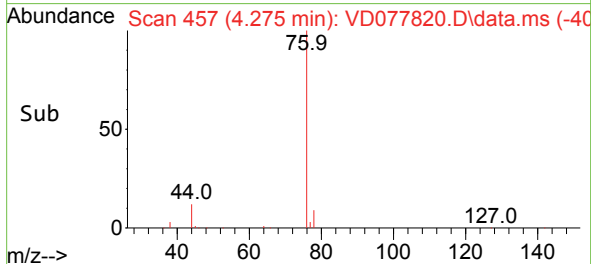
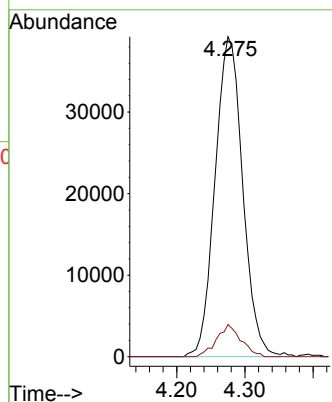
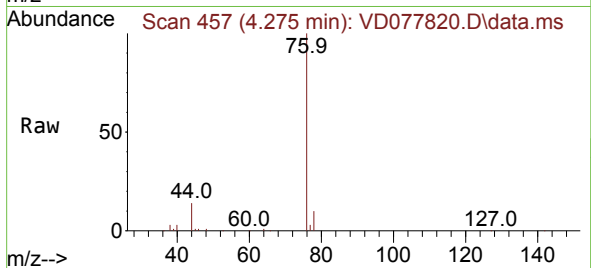




#17
Carbon Disulfide
Concen: 21.601 ug/l
RT: 4.275 min Scan# 411
Delta R.T. 0.000 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

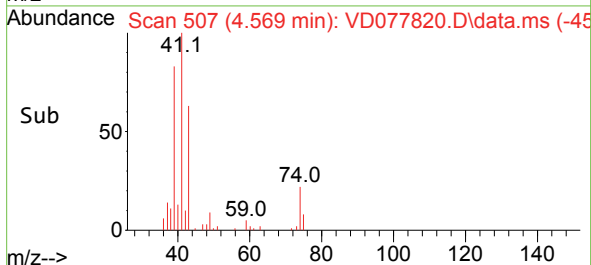
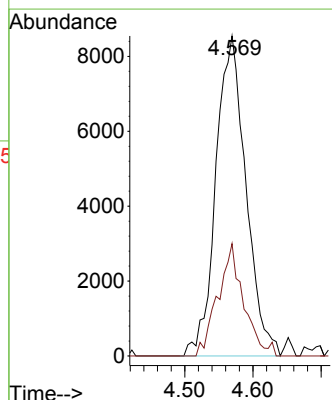
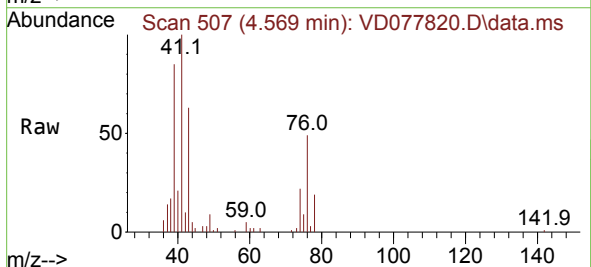
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBSD01

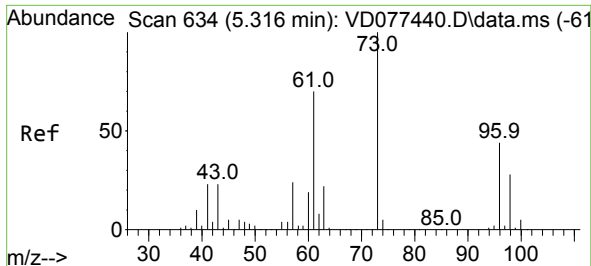
Tgt Ion: 76 Resp: 110469
Ion Ratio Lower Upper
76 100
78 10.1 6.8 10.2



#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

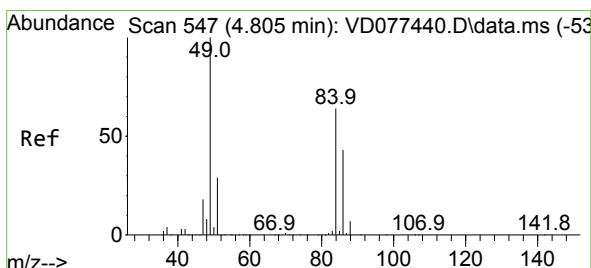
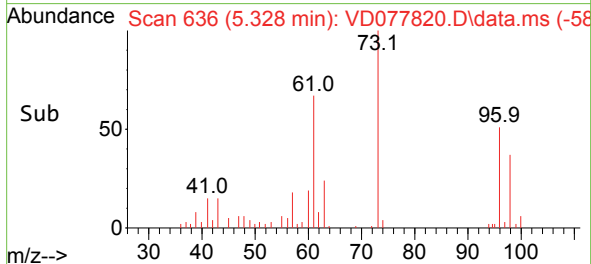
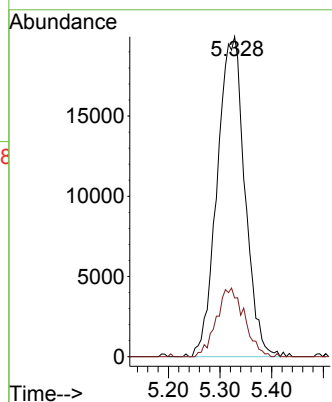
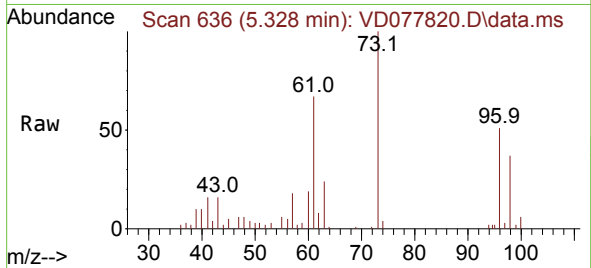




#19
Methyl tert-butyl Ether
Concen: 23.072 ug/l
RT: 5.328 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

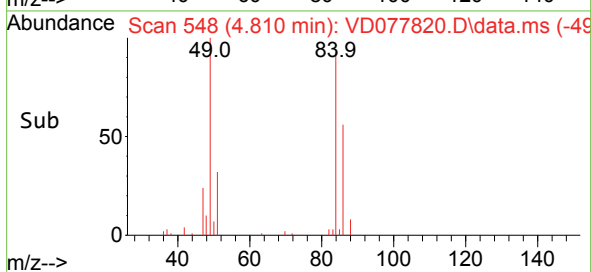
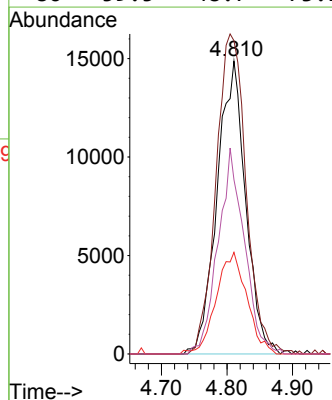
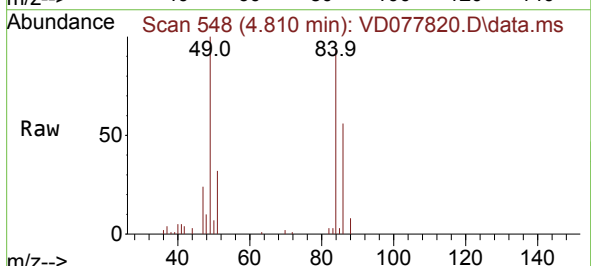
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBSD01

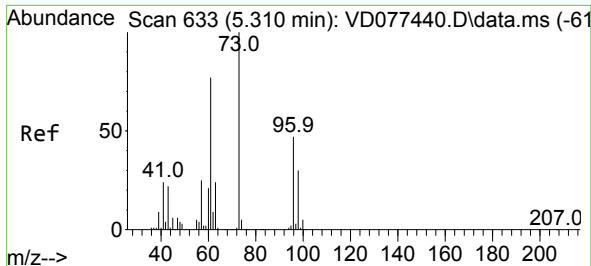
Tgt Ion: 73 Resp: 73997
Ion Ratio Lower Upper
73 100
57 18.3 16.6 25.0



#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

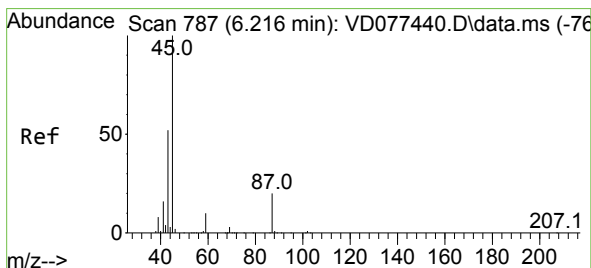
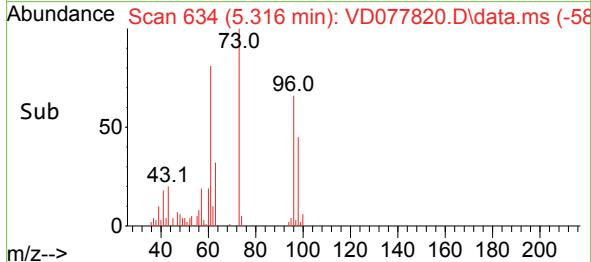
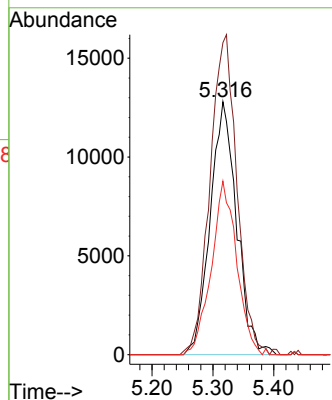
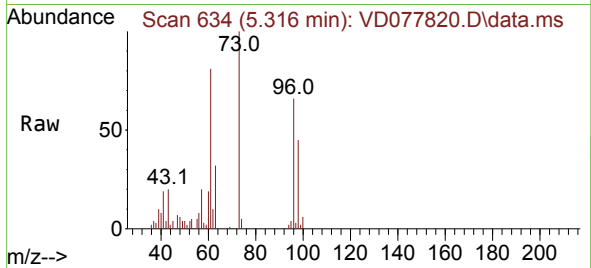




#21
trans-1,2-Dichloroethene
Concen: 22.609 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

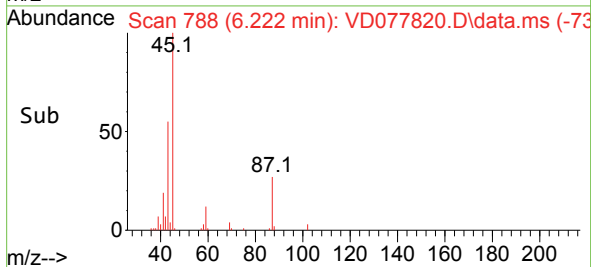
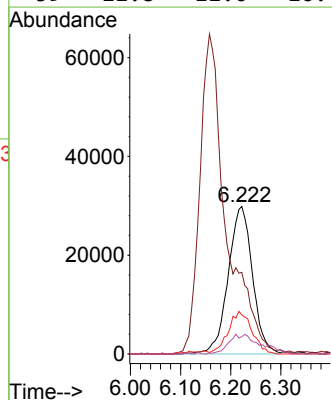
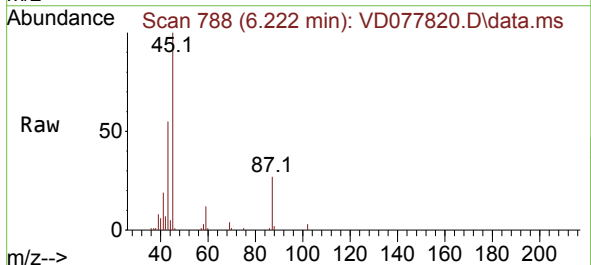
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBSD01

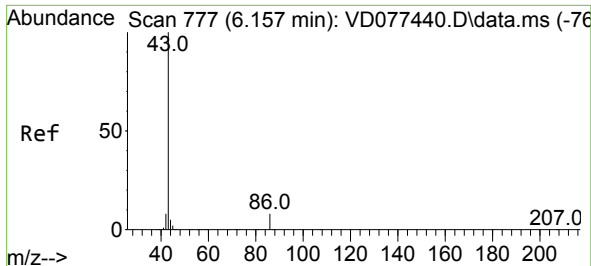
Tgt Ion: 96 Resp: 38711
Ion Ratio Lower Upper
96 100
61 123.3 89.3 133.9
98 68.6 48.6 73.0



#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

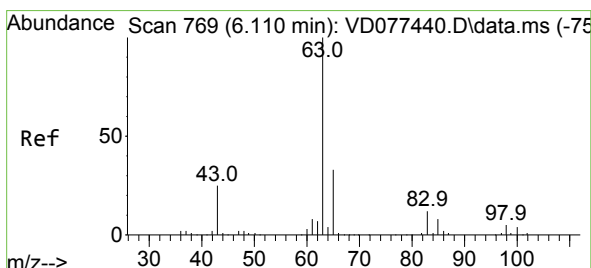
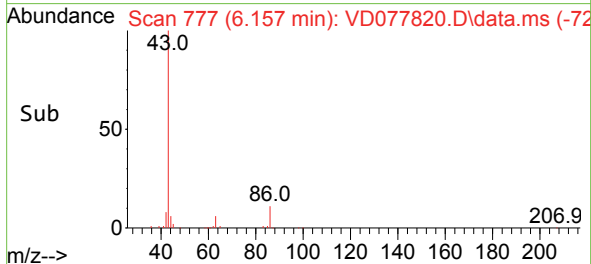
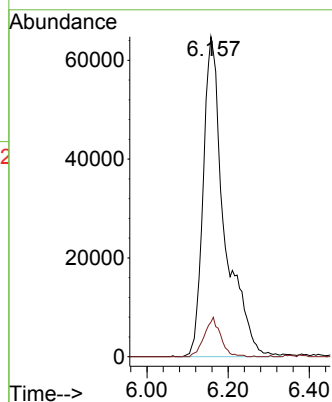
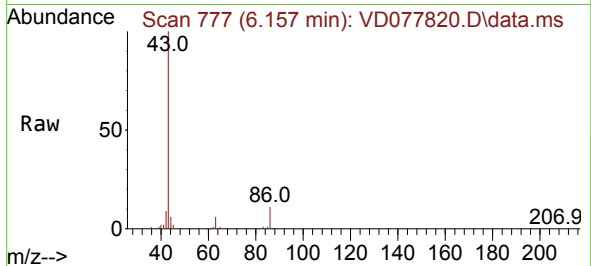




#23
 Vinyl Acetate
 Concen: 111.851 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD077820.D
 Acq: 11 Dec 2023 19:16

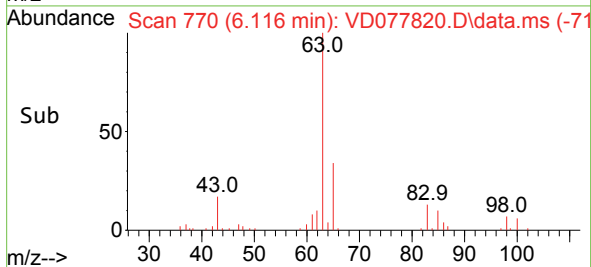
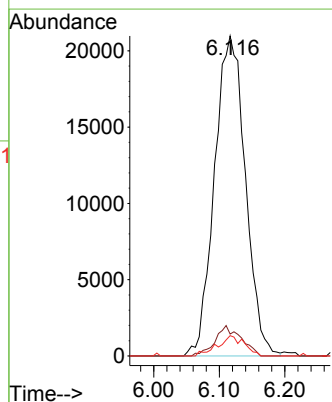
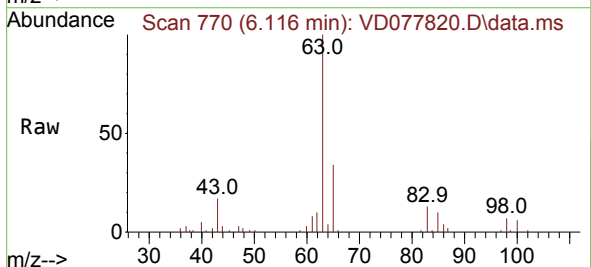
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1212SBSD01

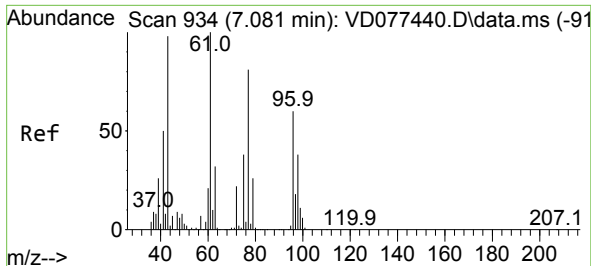
Tgt Ion: 43 Resp: 237310
 Ion Ratio Lower Upper
 43 100
 86 10.8 12.5 18.7#



#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

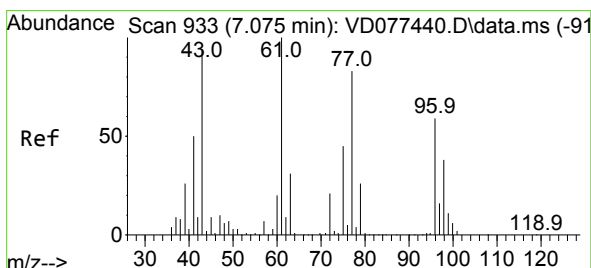
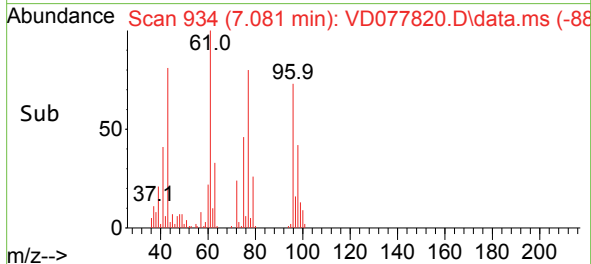
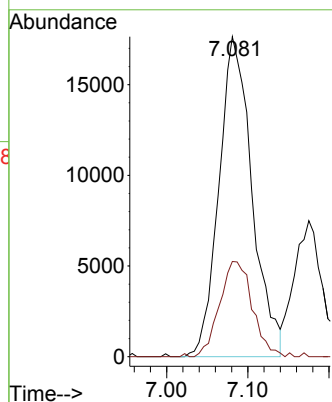
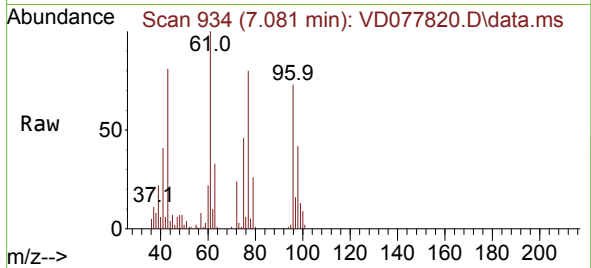




#25
2-Butanone
Concen: 114.569 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

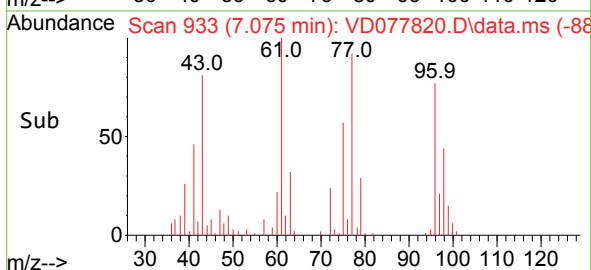
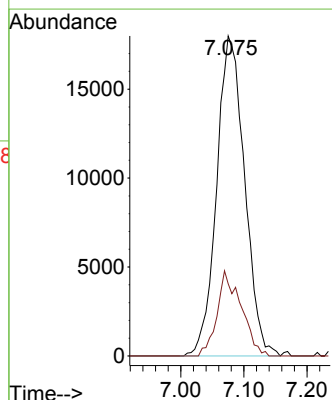
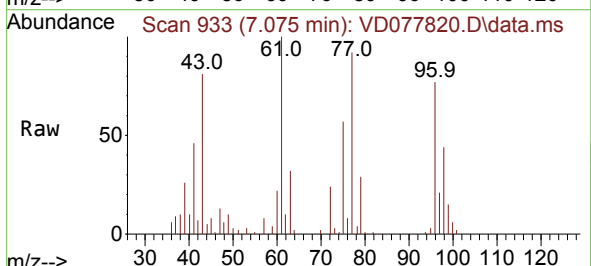
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBSD01

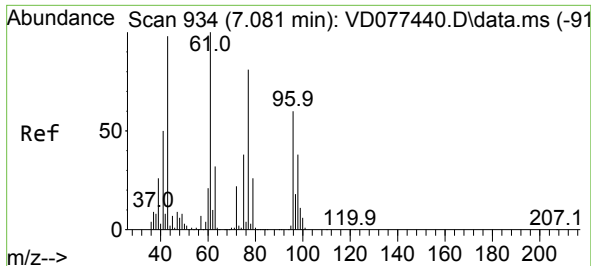
Tgt Ion: 43 Resp: 49983
Ion Ratio Lower Upper
43 100
72 29.7 30.7 46.1#



#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

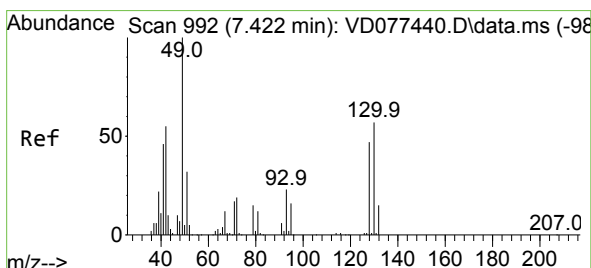
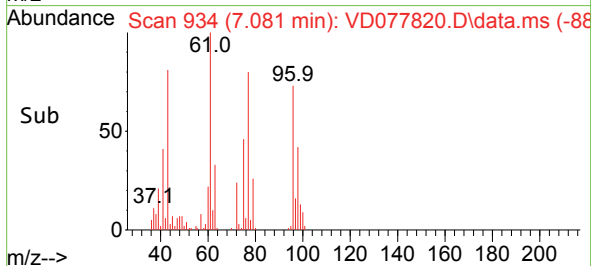
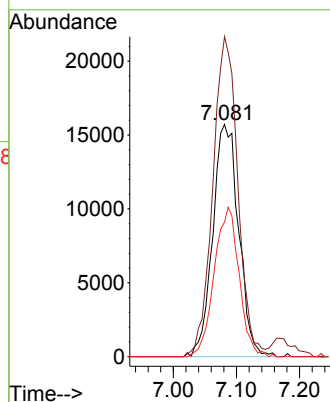
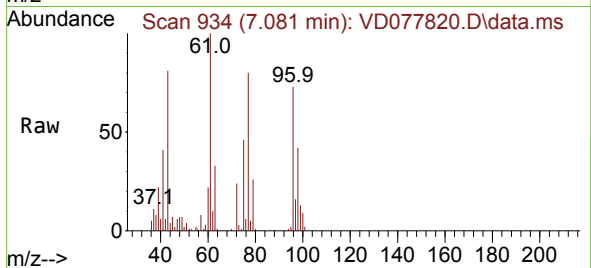




#27
 cis-1,2-Dichloroethene
 Concen: 24.350 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD077820.D
 Acq: 11 Dec 2023 19:16

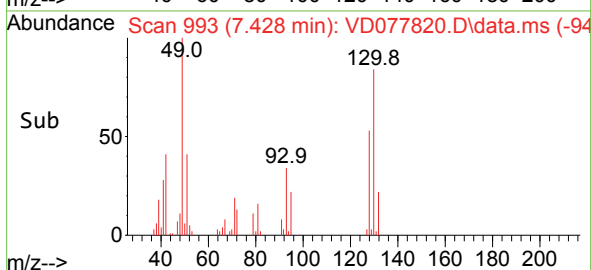
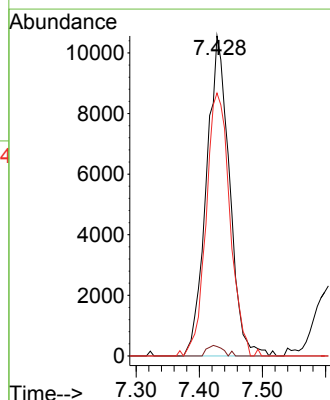
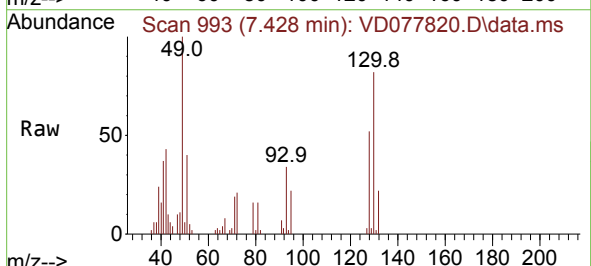
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1212SBSD01

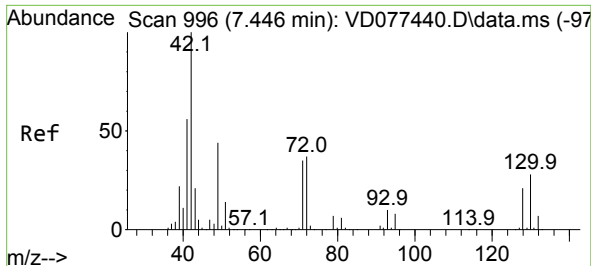
Tgt Ion:	96	Resp:	44861
Ion	Ratio	Lower	Upper
96	100		
61	132.6	0.0	239.2
98	61.5	0.0	128.6



#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 :

VD1212SBSD01

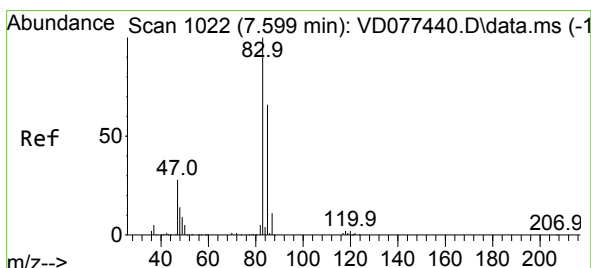
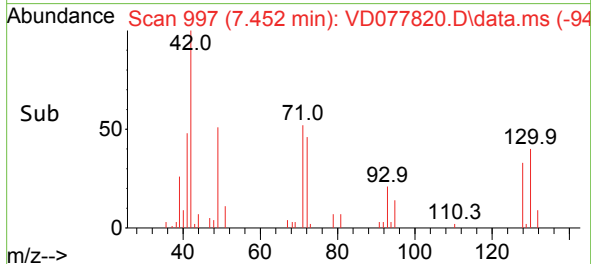
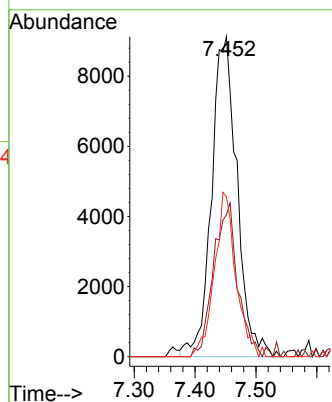
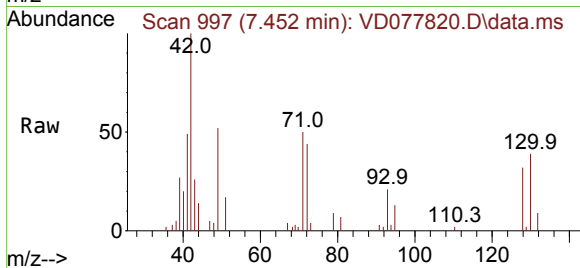
Tgt Ion: 42 Resp: 26508

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

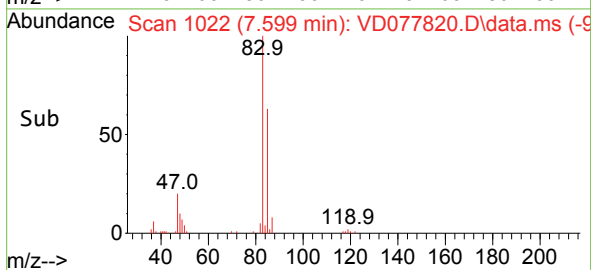
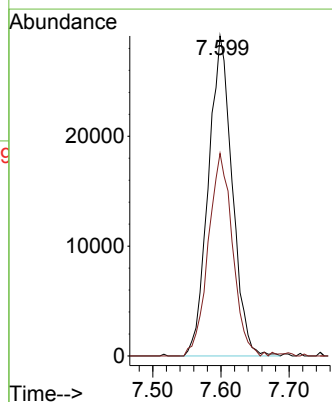
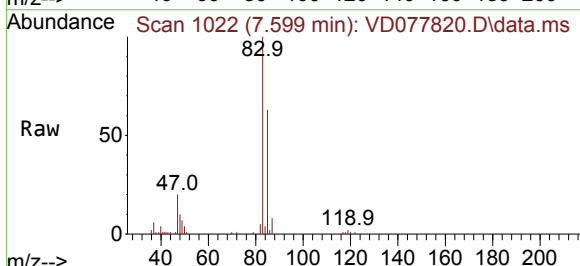
Acq: 11 Dec 2023 19:16

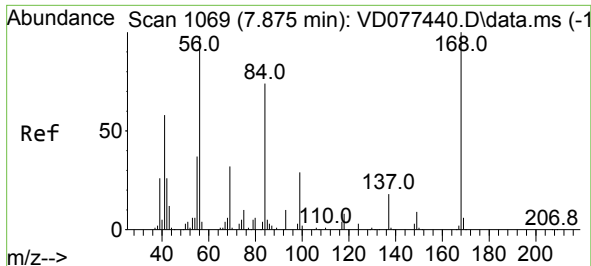
Tgt Ion: 83 Resp: 71082

Ion Ratio Lower Upper

83 100

85 63.3 53.4 80.2

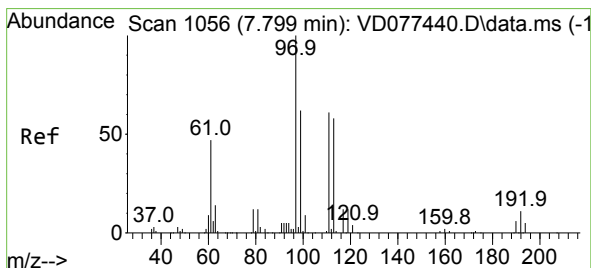
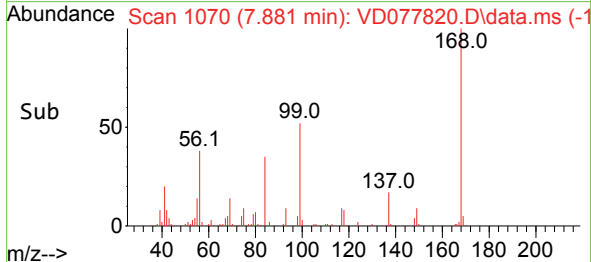
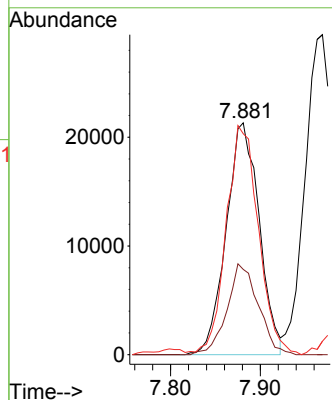
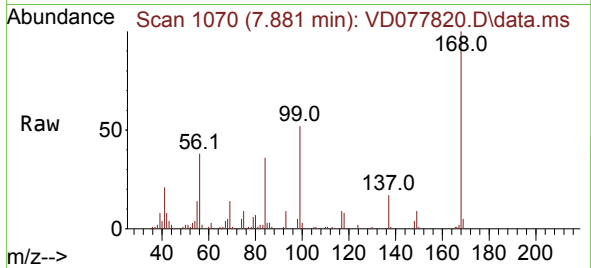




#31
Cyclohexane
Concen: 20.649 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

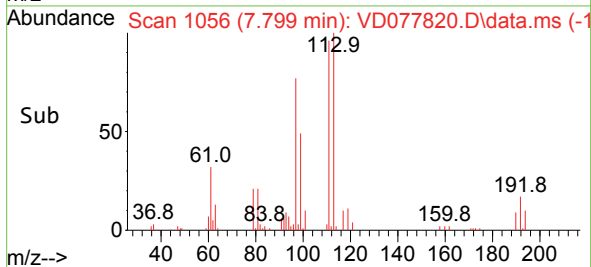
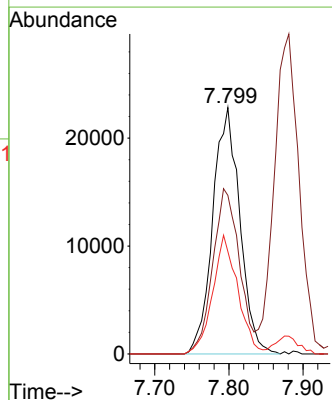
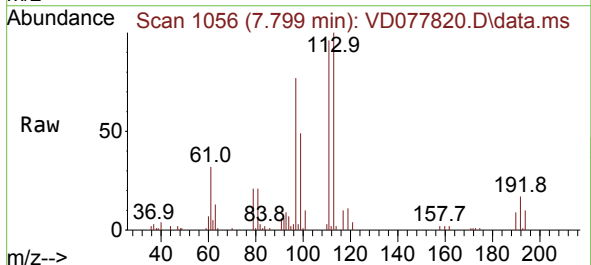
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBSD01

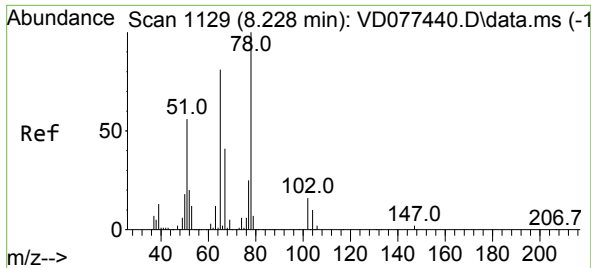
Tgt Ion: 56 Resp: 54426
Ion Ratio Lower Upper
56 100
69 36.8 28.6 43.0
84 93.1 84.8 127.2



#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# 1129

Delta R.T. 0.006 min

Lab File: VD077820.D

Acq: 11 Dec 2023 19:16

Instrument :

MSVOA_D

ClientSampleId :

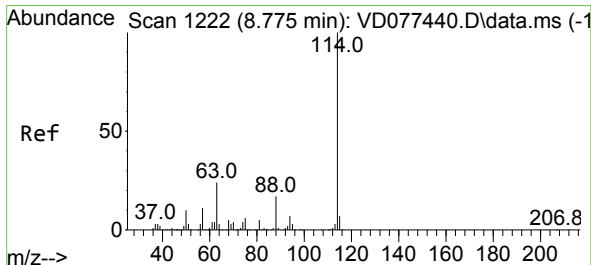
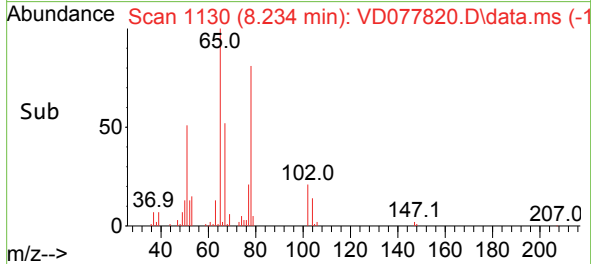
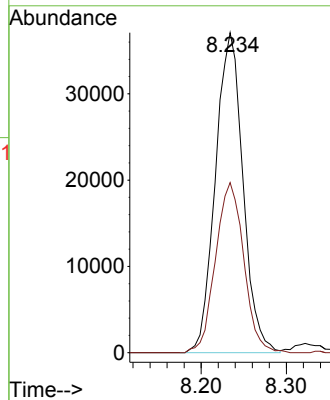
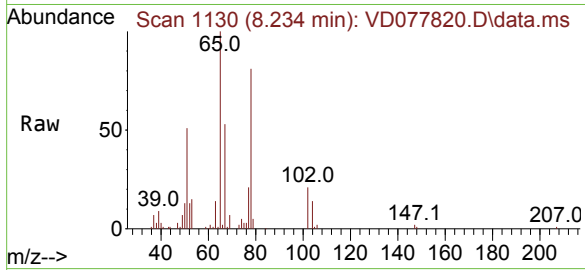
VD1212SBS01

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

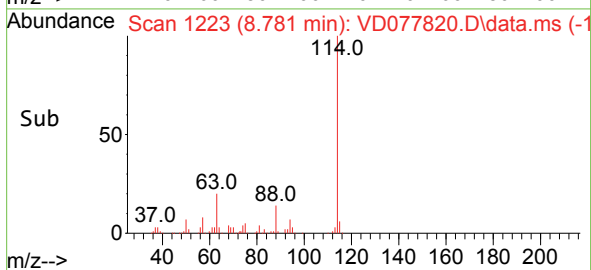
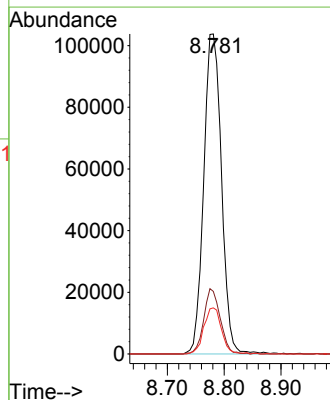
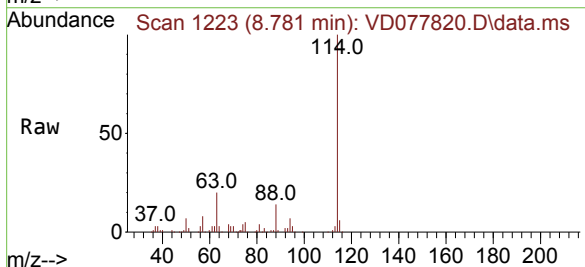
Tgt Ion: 114 Resp: 224658

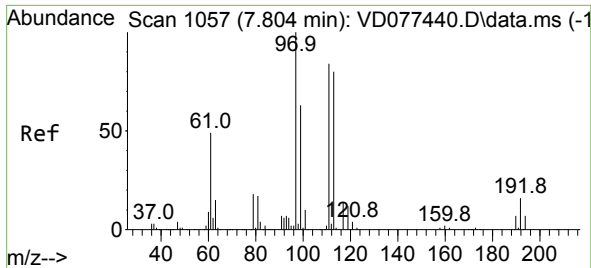
Ion Ratio Lower Upper

114 100

63 19.6 0.0 33.4

88 14.4 0.0 26.2

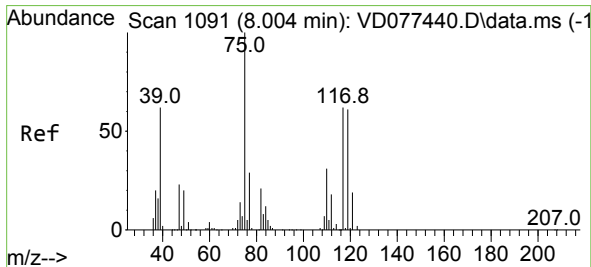
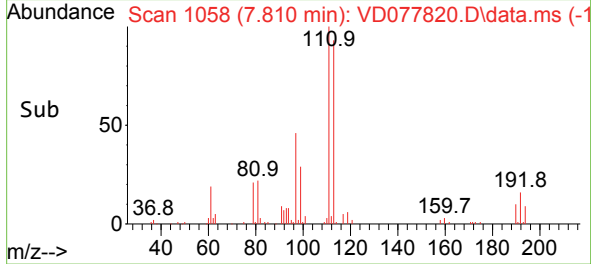
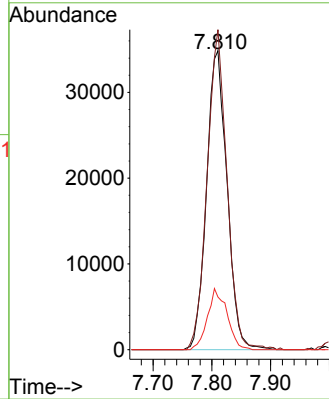
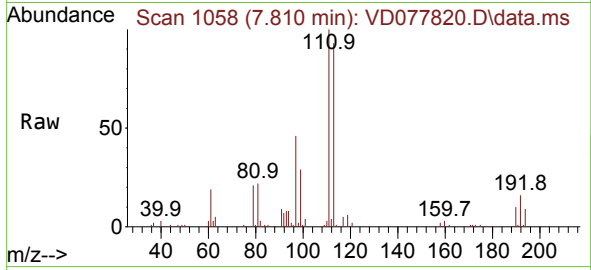




#35
 Dibromofluoromethane
 Concen: 53.736 ug/l
 RT: 7.810 min Scan# 1058
 Delta R.T. 0.006 min
 Lab File: VD077820.D
 Acq: 11 Dec 2023 19:16

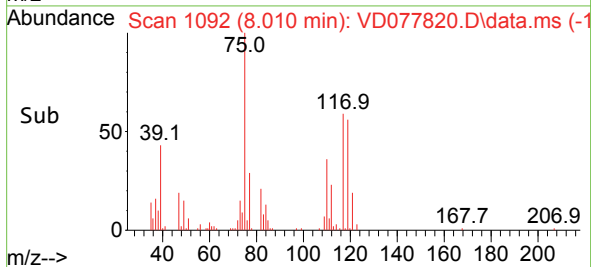
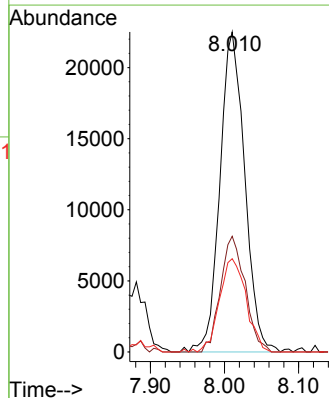
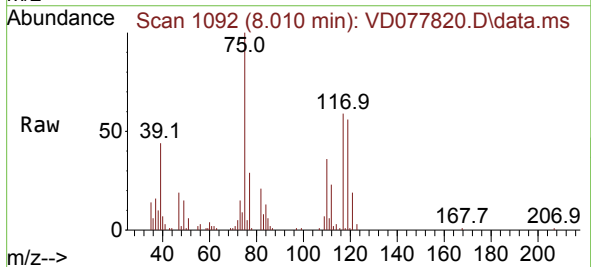
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1212SBSD01

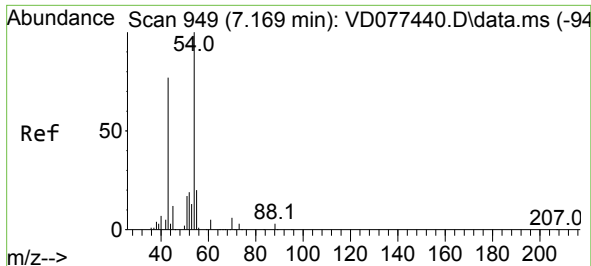
Tgt Ion:113 Resp: 84562
 Ion Ratio Lower Upper
 113 100
 111 103.2 84.7 127.1
 192 19.4 16.8 25.2



#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

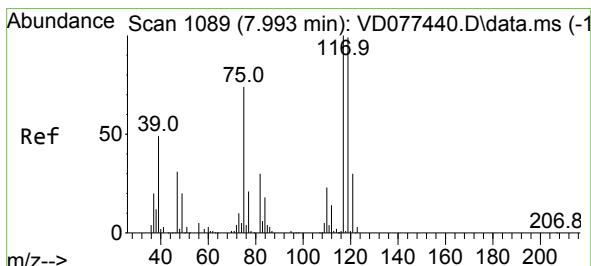
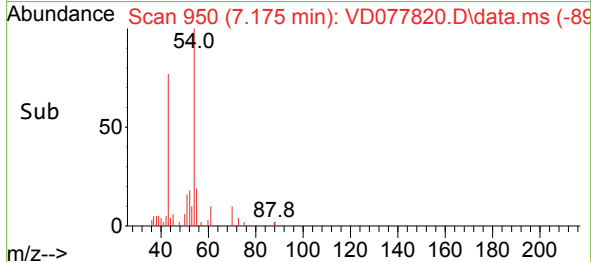
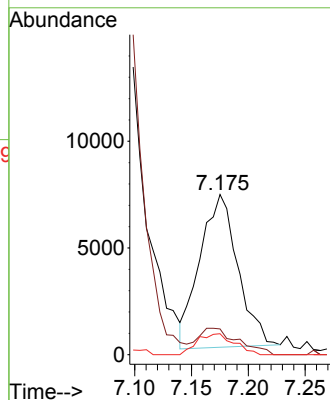
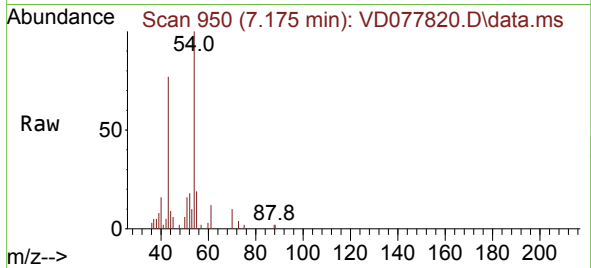




#37
Ethyl Acetate
Concen: 16.956 ug/l
RT: 7.175 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

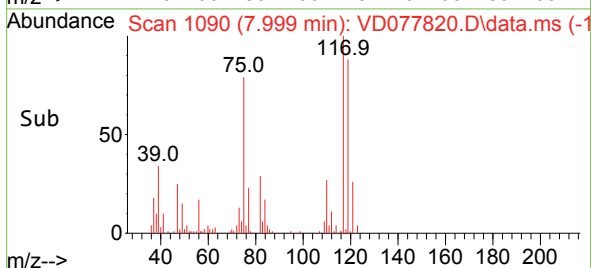
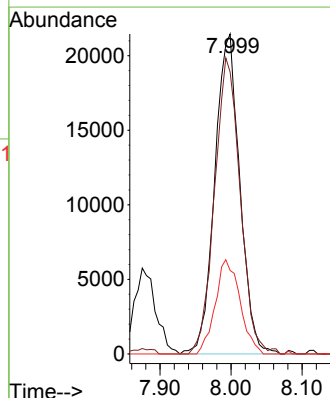
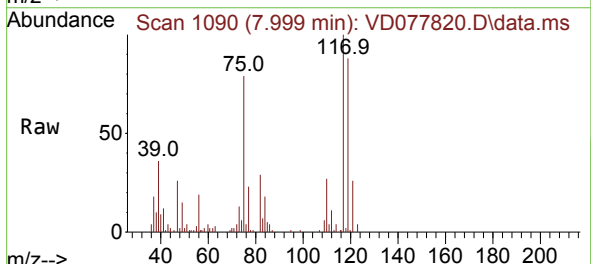
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBSD01

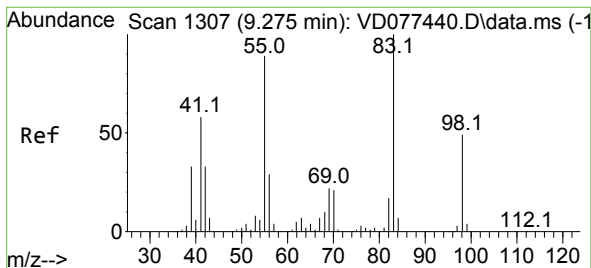
Tgt Ion: 43 Resp: 16642
Ion Ratio Lower Upper
43 100
61 18.4 14.9 22.3
70 13.3 10.0 15.0



#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 :

VD1212SBSD01

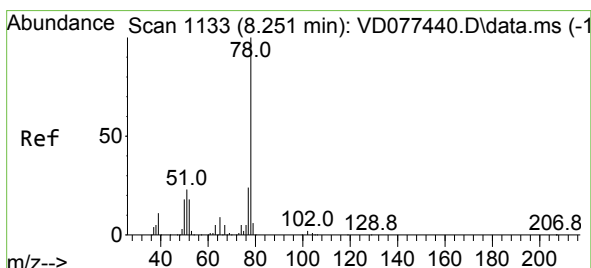
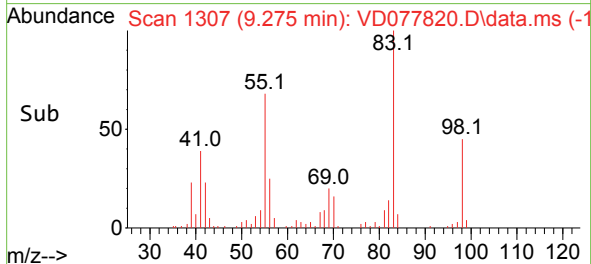
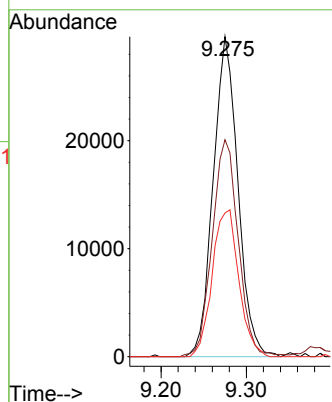
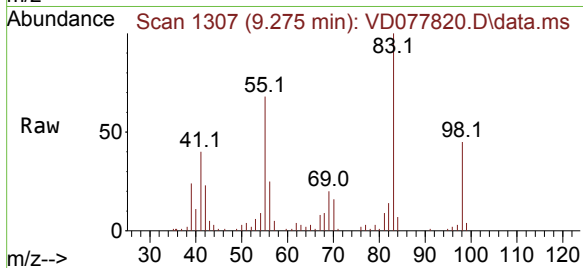
Tgt Ion: 83 Resp: 59798

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

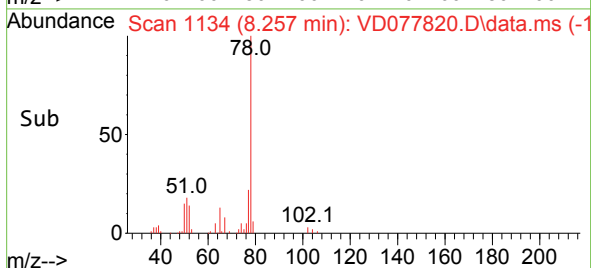
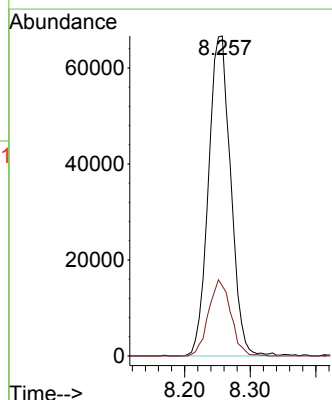
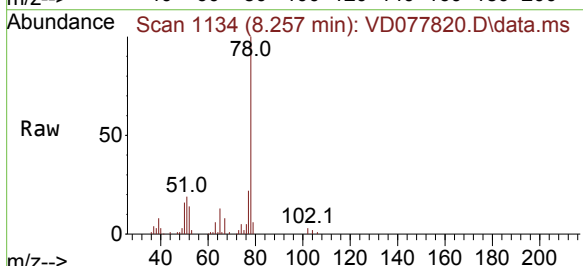
Acq: 11 Dec 2023 19:16

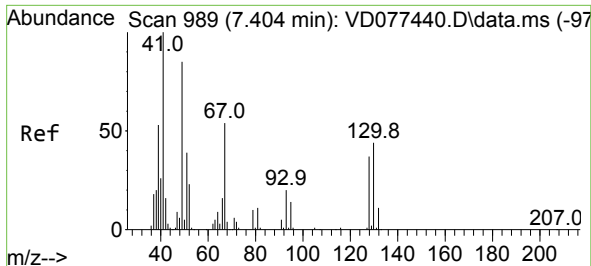
Tgt Ion: 78 Resp: 157245

Ion Ratio Lower Upper

78 100

77 21.9 19.4 29.0

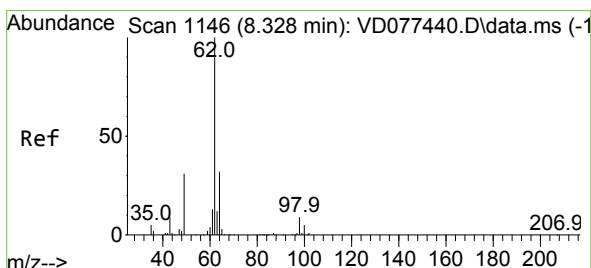
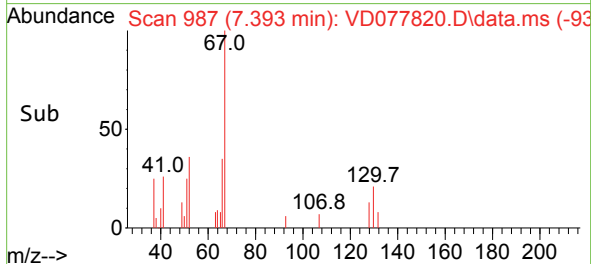
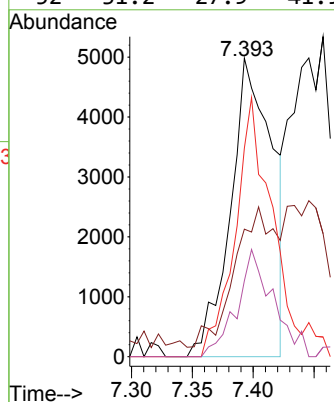
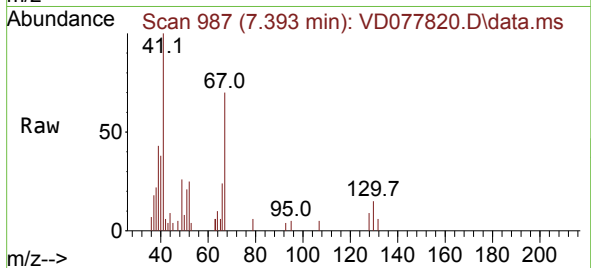




#41
Methacrylonitrile
Concen: 23.855 ug/l
RT: 7.393 min Scan# 911
Delta R.T. -0.011 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

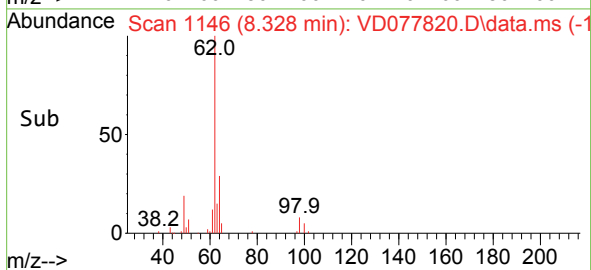
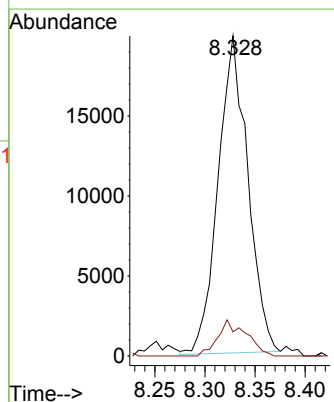
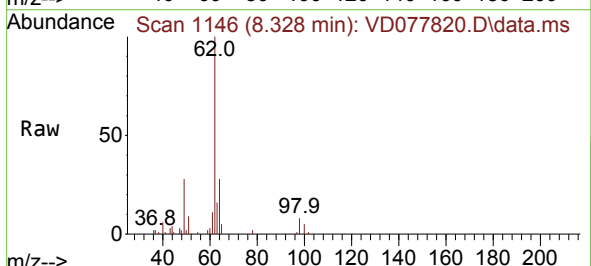
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBSD01

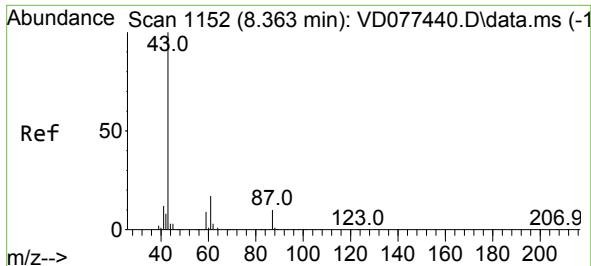
Tgt Ion:	41	Resp:	11900
Ion	Ratio	Lower	Upper
41	100		
39	47.2	34.0	51.0
67	78.8	77.0	115.4
52	31.2	27.9	41.9



#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

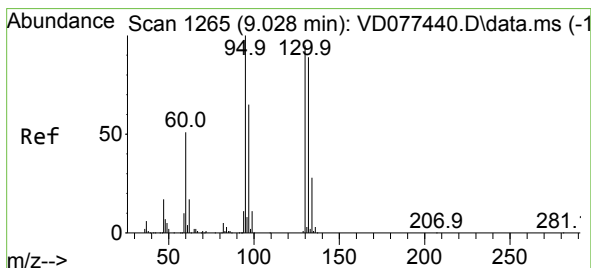
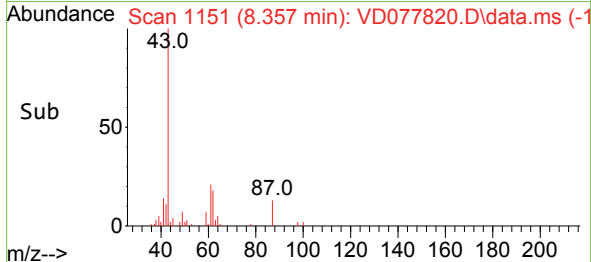
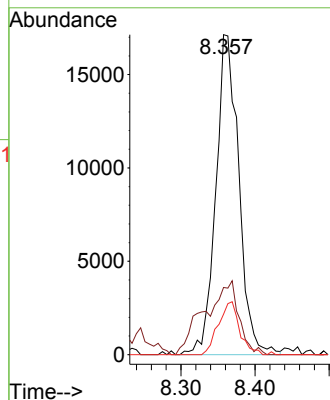
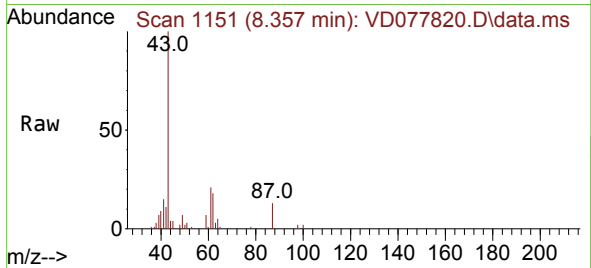




#43
Isopropyl Acetate
Concen: 21.160 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

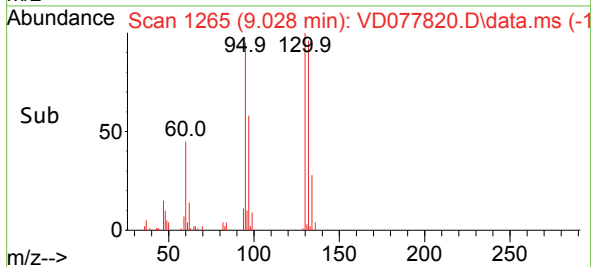
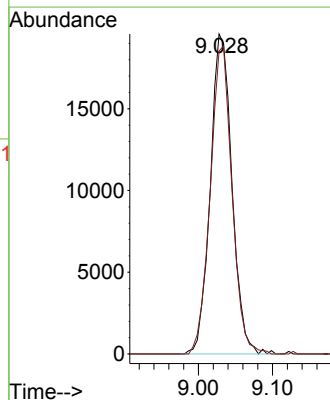
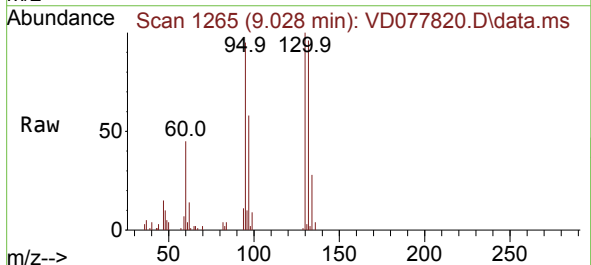
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBSD01

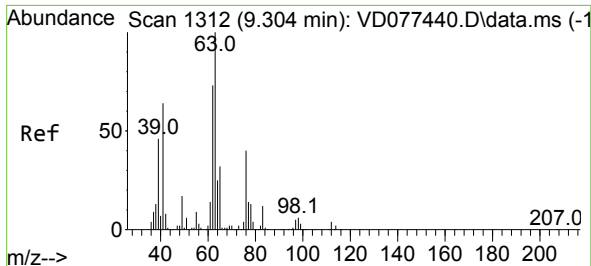
Tgt Ion: 43 Resp: 36919
Ion Ratio Lower Upper
43 100
61 34.3 31.4 47.0
87 15.3 14.9 22.3



#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 :

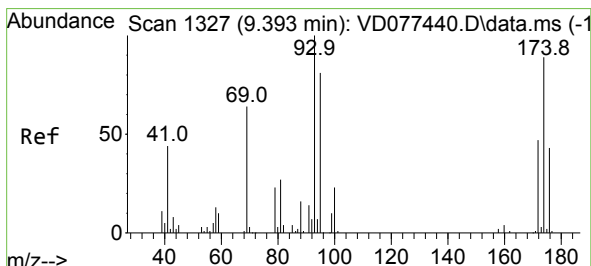
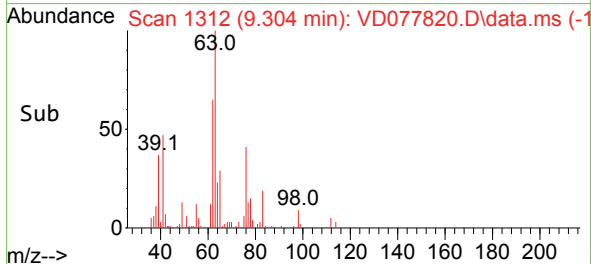
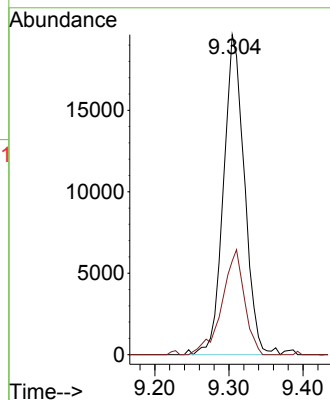
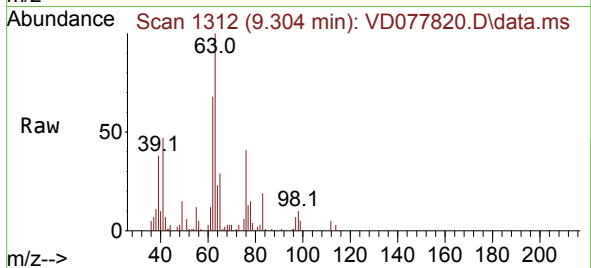
VD1212SBSD01

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

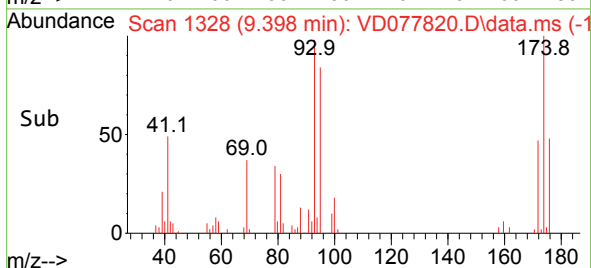
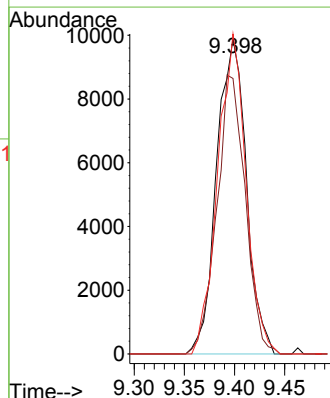
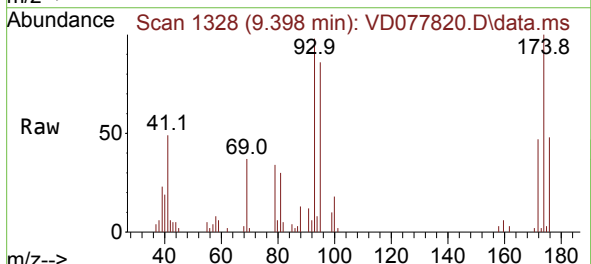
Tgt Ion: 93 Resp: 20372

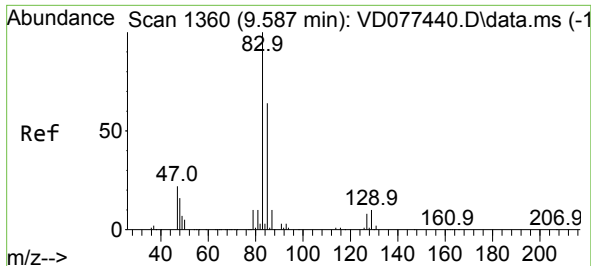
Ion Ratio Lower Upper

93 100

95 84.9 67.7 101.5

174 96.7 85.4 128.2

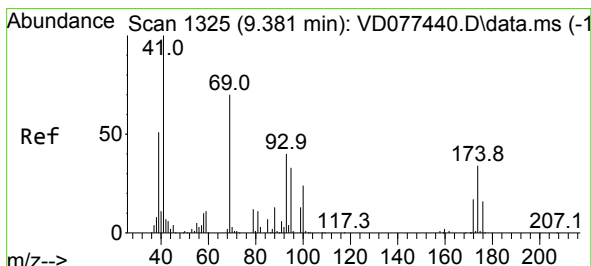
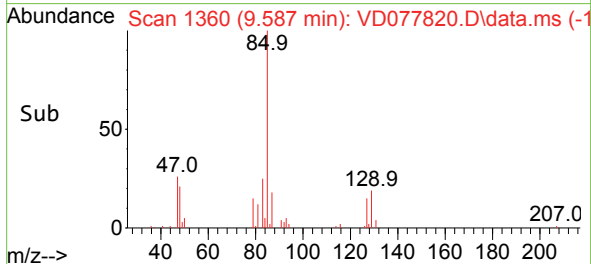
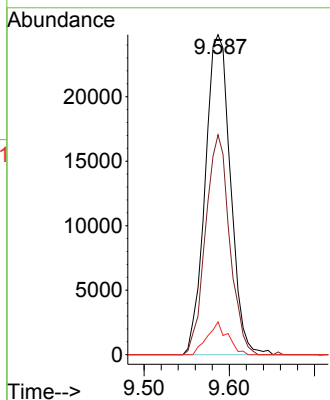
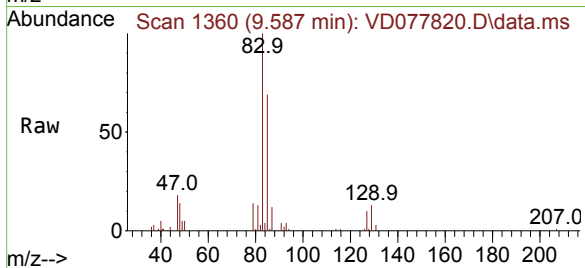




#47
 Bromodichloromethane
 Concen: 21.964 ug/l
 RT: 9.587 min Scan# 1360
 Delta R.T. -0.000 min
 Lab File: VD077820.D
 Acq: 11 Dec 2023 19:16

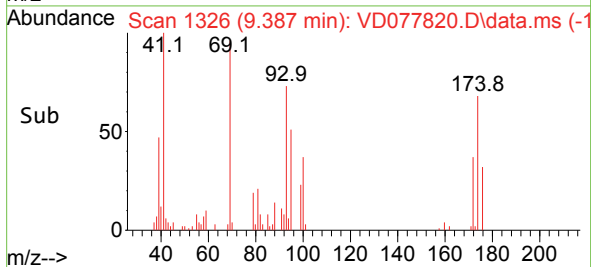
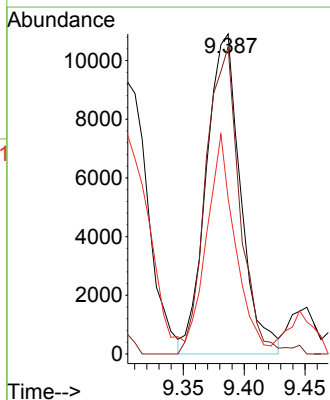
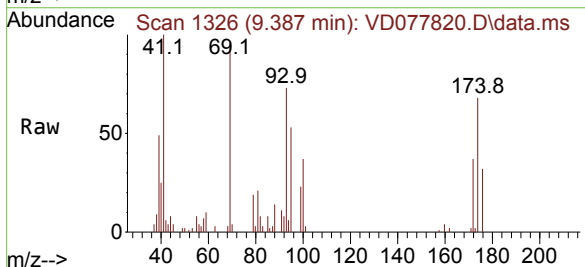
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1212SBSD01

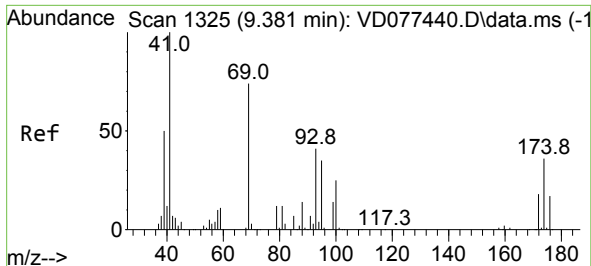
Tgt Ion: 83 Resp: 51159
 Ion Ratio Lower Upper
 83 100
 85 68.7 50.2 75.4
 127 10.3 6.3 9.5#



#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# 11

Delta R.T. -0.006 min

Lab File: VD077820.D

Acq: 11 Dec 2023 19:16

Instrument :

MSVOA_D

ClientSampleId :

VD1212SBSD01

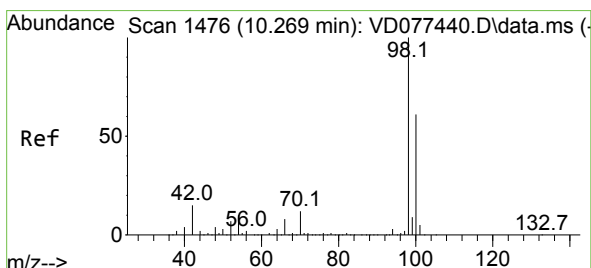
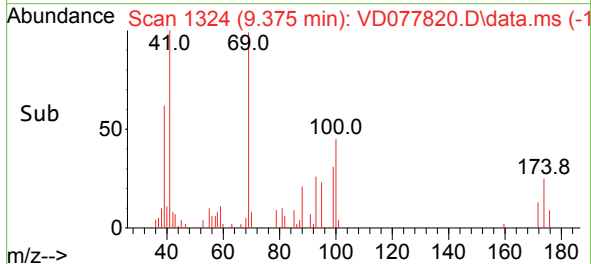
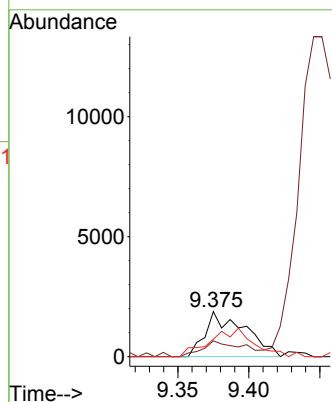
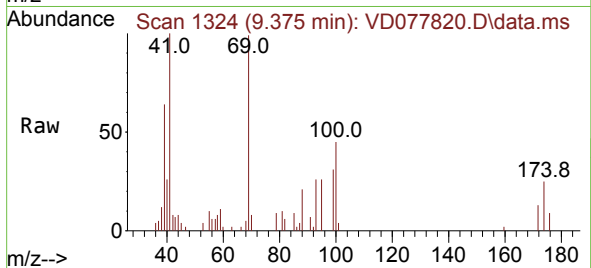
Tgt Ion: 88 Resp: 3621

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

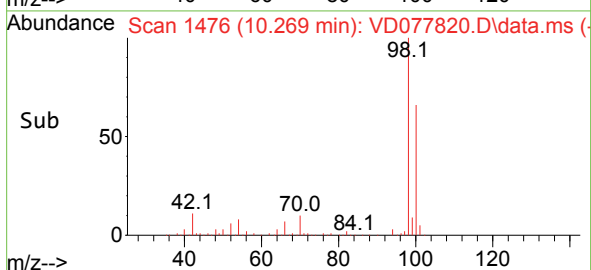
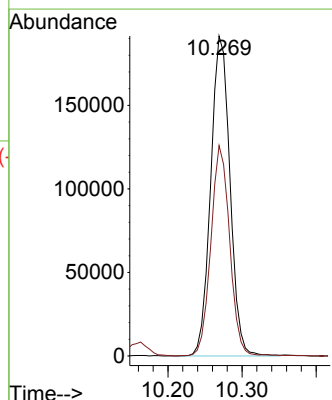
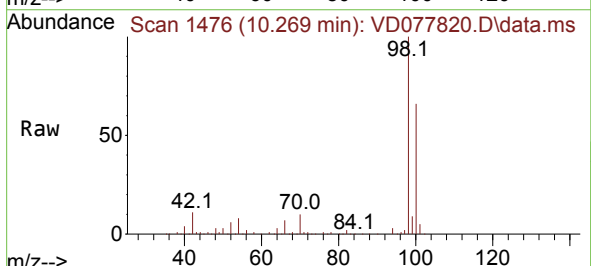
Acq: 11 Dec 2023 19:16

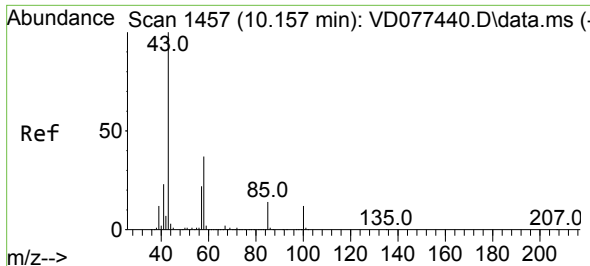
Tgt Ion: 98 Resp: 345902

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 :

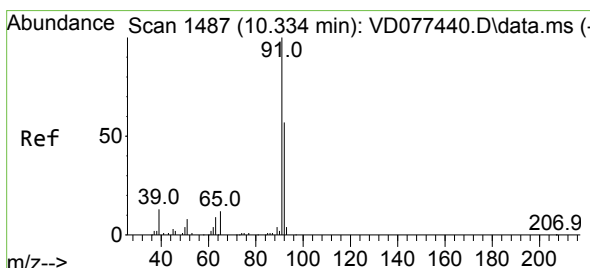
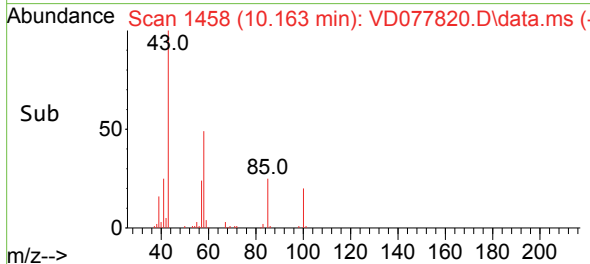
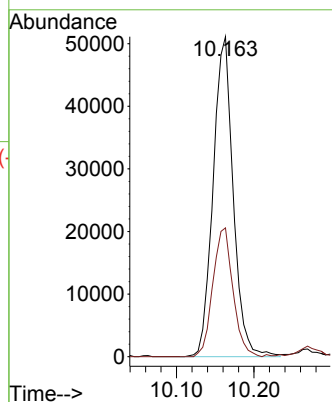
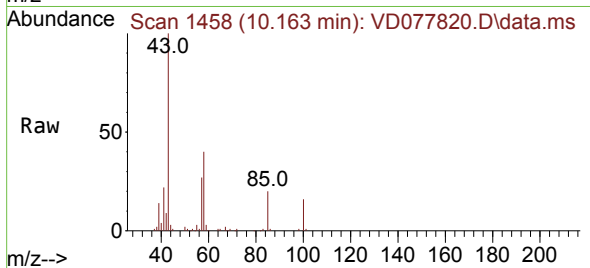
VD1212SBSD01

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

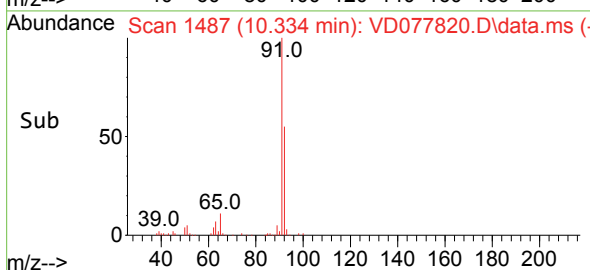
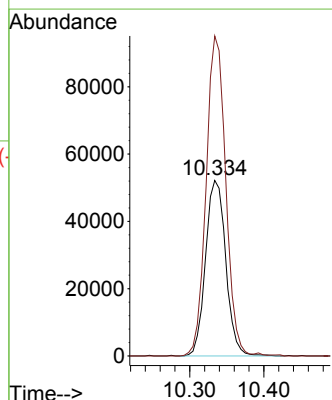
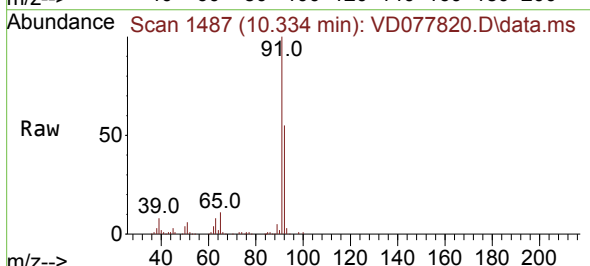
Acq: 11 Dec 2023 19:16

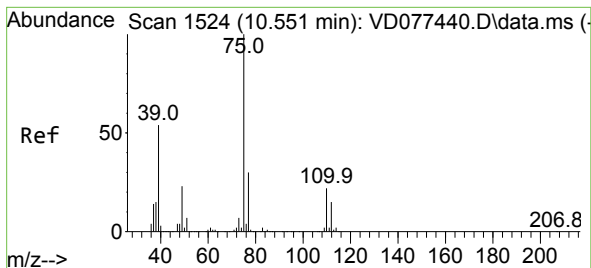
Tgt Ion: 92 Resp: 98952

Ion Ratio Lower Upper

92 100

91 176.9 143.0 214.4

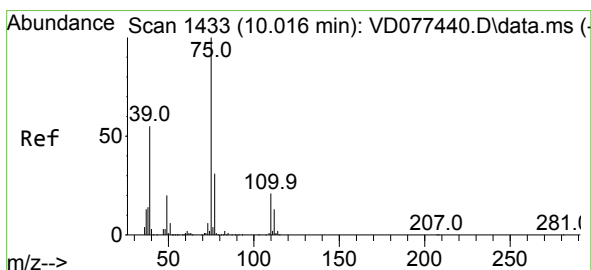
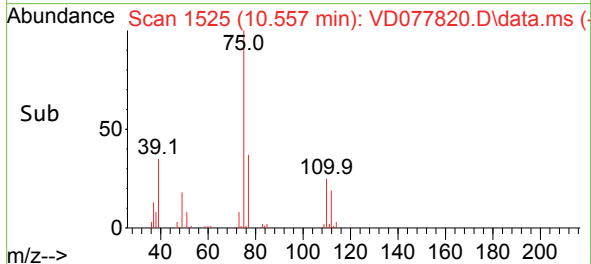
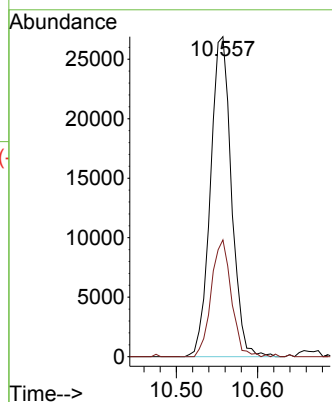
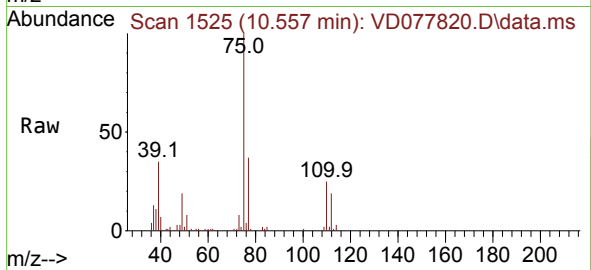




#53
 t-1,3-Dichloropropene
 Concen: 21.595 ug/l
 RT: 10.557 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VD077820.D
 Acq: 11 Dec 2023 19:16

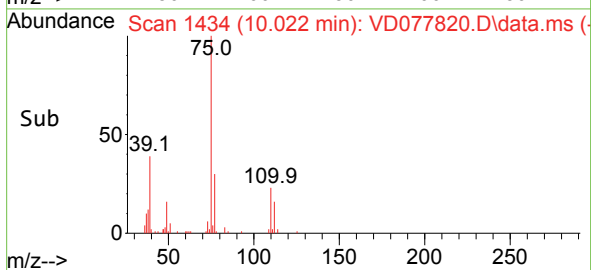
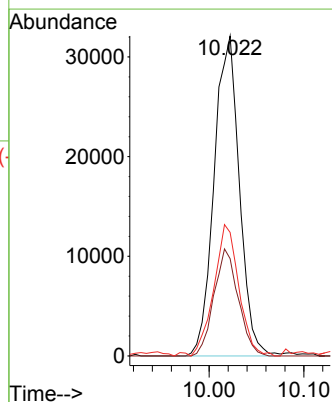
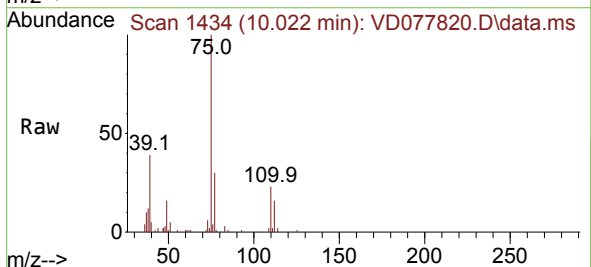
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1212SBSD01

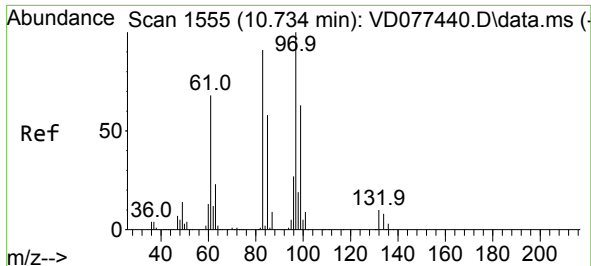
Tgt Ion: 75 Resp: 48301
 Ion Ratio Lower Upper
 75 100
 77 36.5 25.3 37.9



#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#

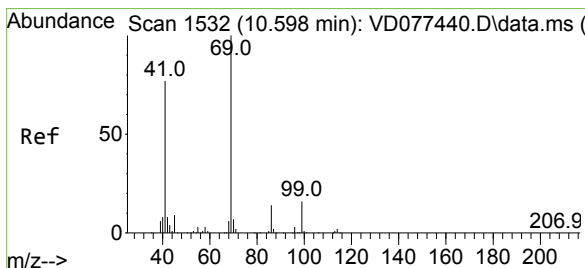
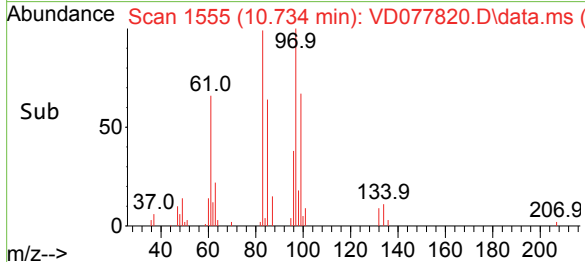
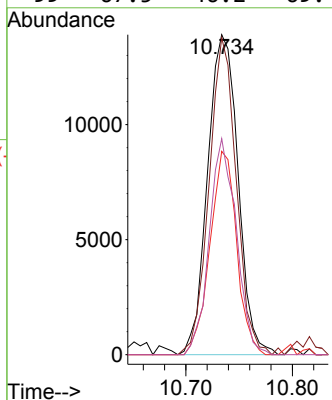
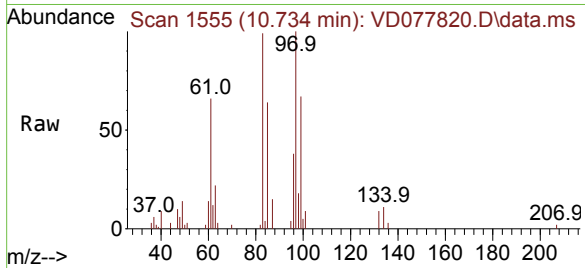




#55
1,1,2-Trichloroethane
Concen: 21.976 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

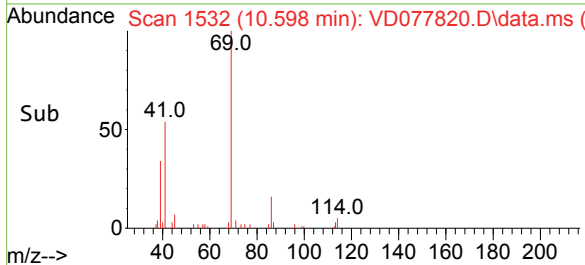
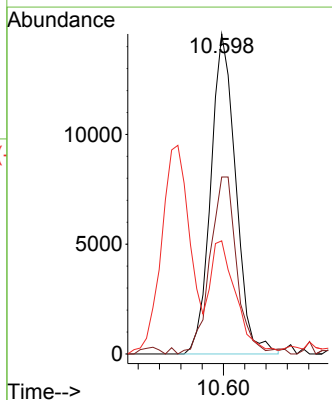
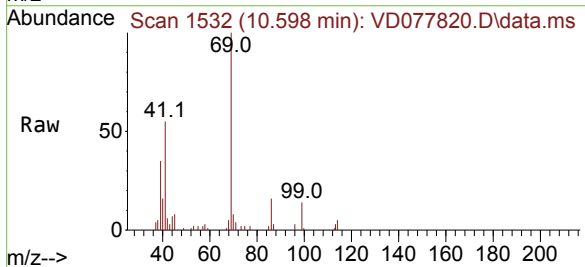
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBSD01

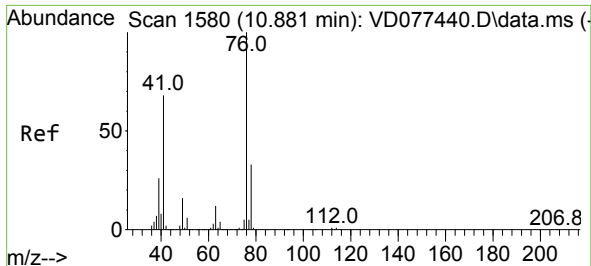
Tgt Ion:	97	Resp:	27623
Ion	Ratio	Lower	Upper
97	100		
83	99.0	65.8	98.6#
85	63.6	45.7	68.5
99	67.5	46.2	69.4



#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#

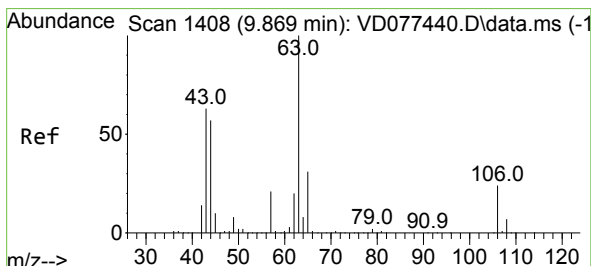
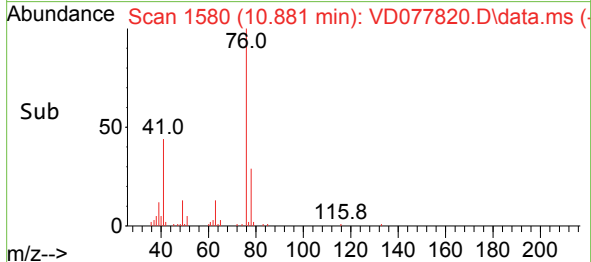
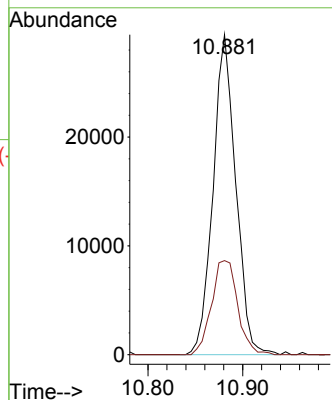
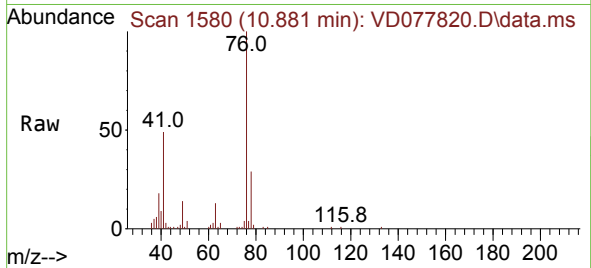




#57
1,3-Dichloropropane
Concen: 22.669 ug/l
RT: 10.881 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

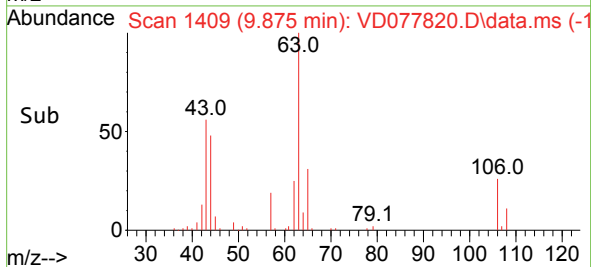
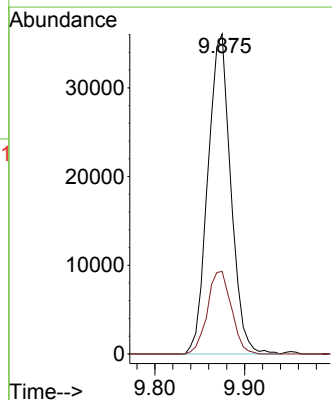
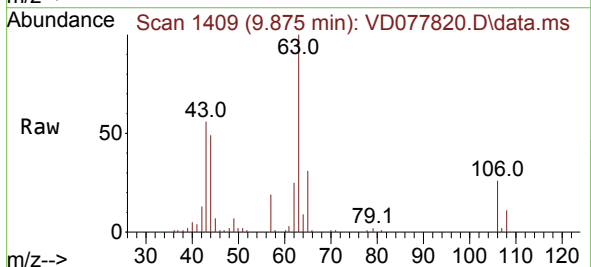
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBSD01

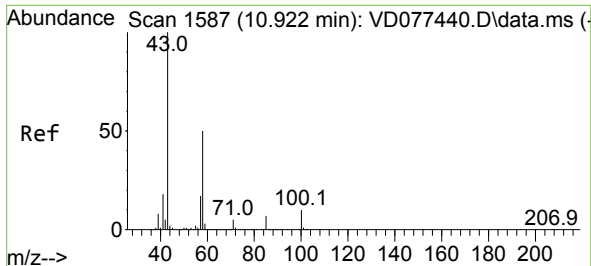
Tgt Ion: 76 Resp: 49115
Ion Ratio Lower Upper
76 100
78 33.8 26.4 39.6



#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

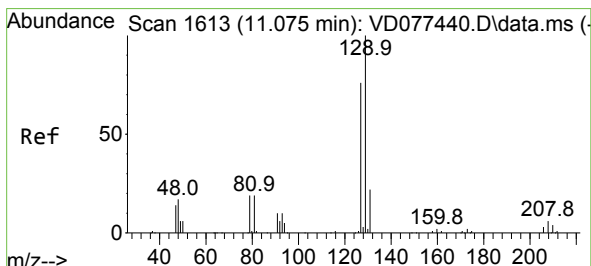
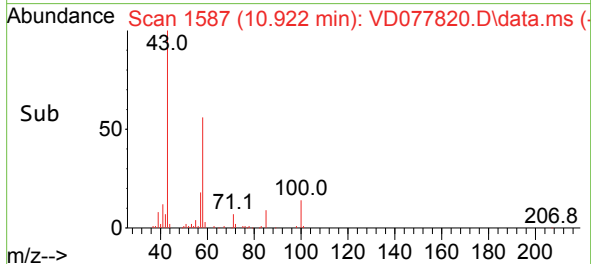
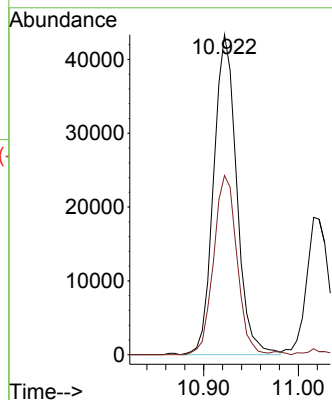
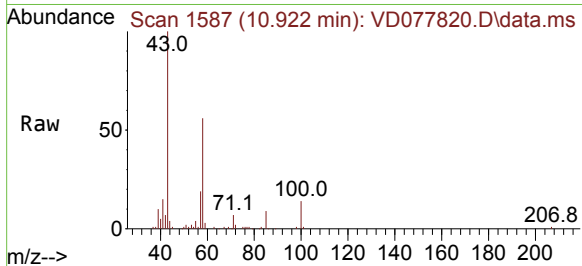




#59
2-Hexanone
Concen: 99.095 ug/l
RT: 10.922 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

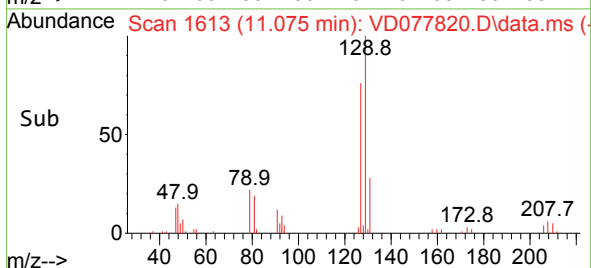
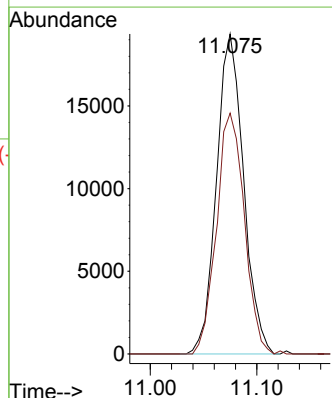
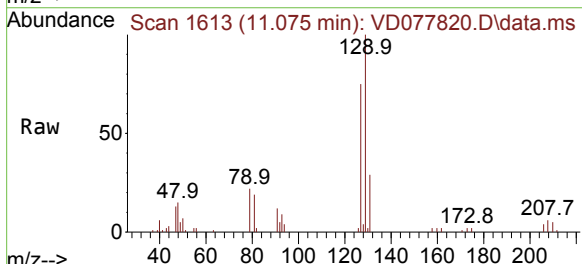
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS01

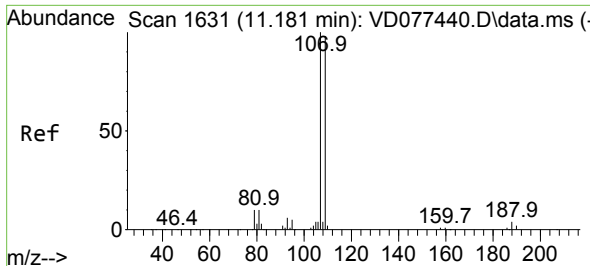
Tgt Ion: 43 Resp: 73206
Ion Ratio Lower Upper
43 100
58 56.7 34.1 102.2



#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

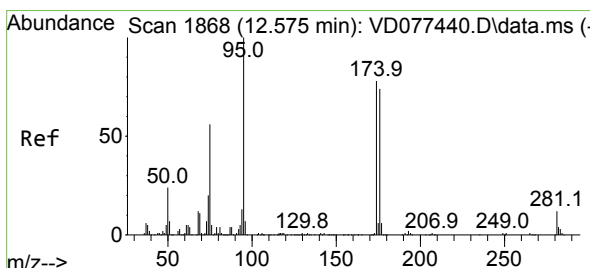
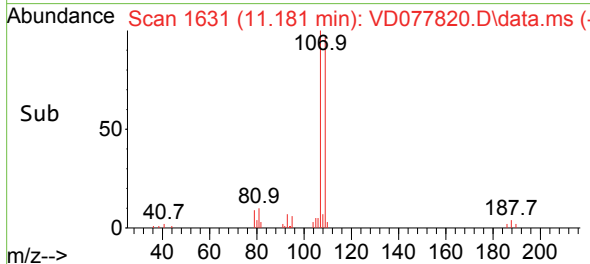
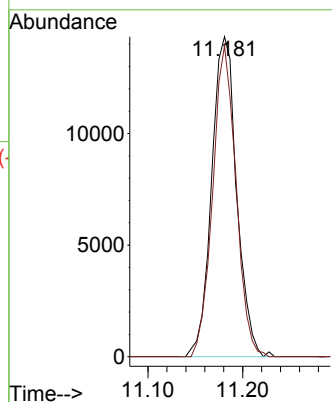
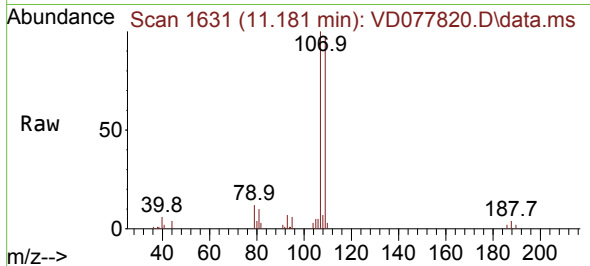




#61
1,2-Dibromoethane
Concen: 22.211 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

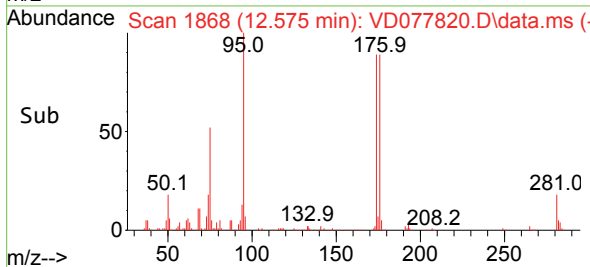
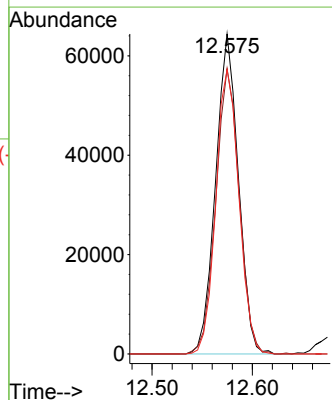
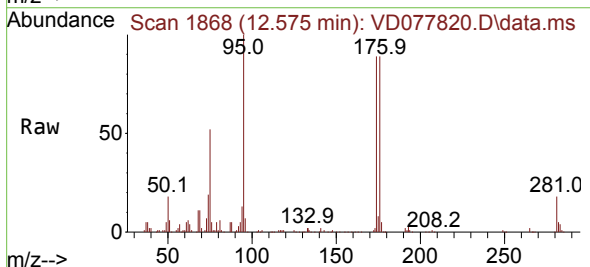
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBSD01

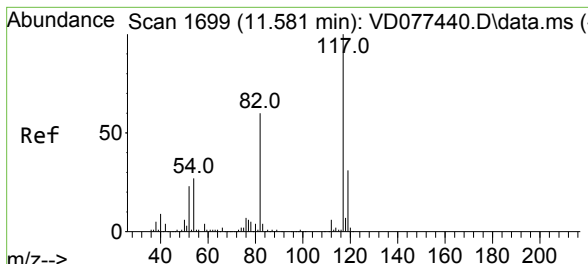
Tgt Ion:107 Resp: 26280
Ion Ratio Lower Upper
107 100
109 90.8 75.6 113.4



#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

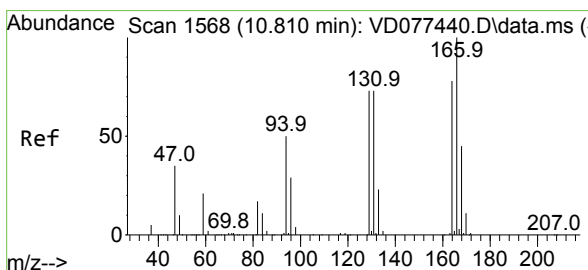
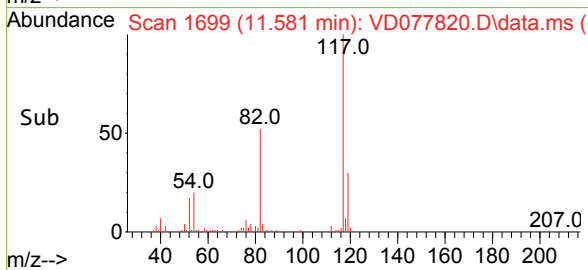
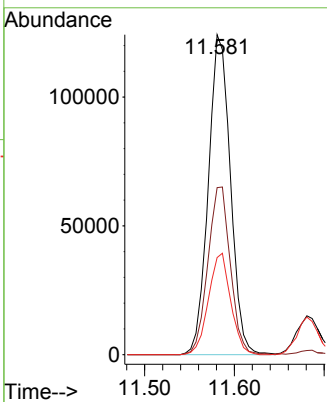
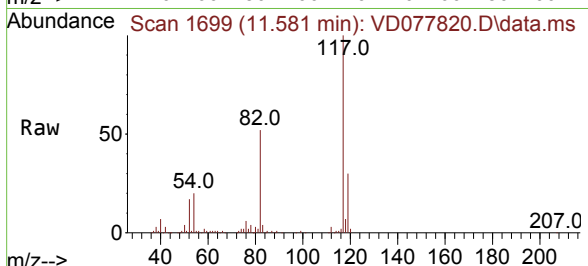




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

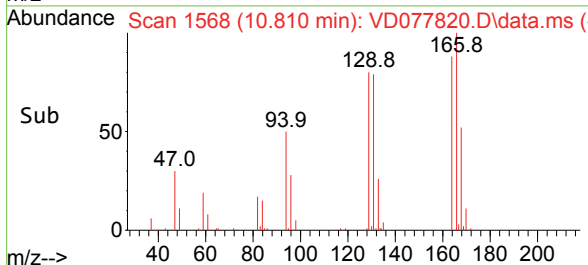
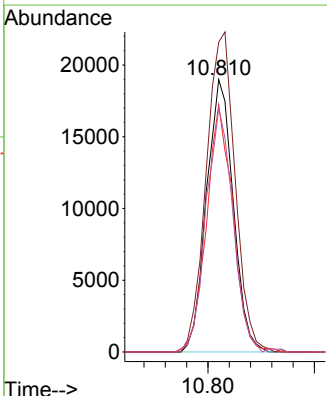
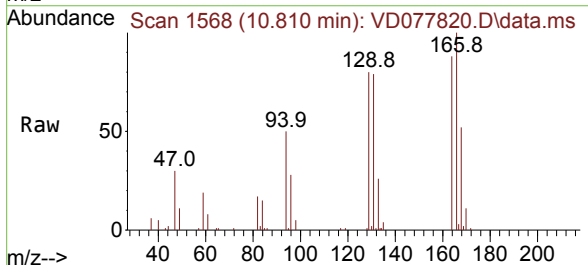
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBSD01

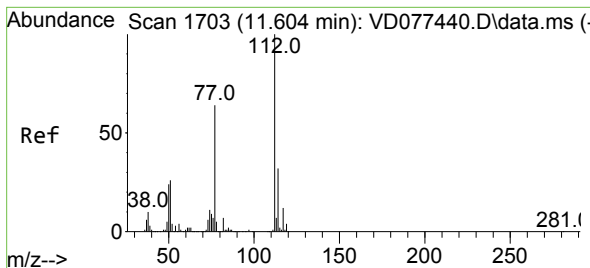
Tgt Ion:	117	Resp:	212516
Ion Ratio	Lower	Upper	
117	100		
82	52.2	38.3	57.5
119	30.3	25.0	37.4



#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

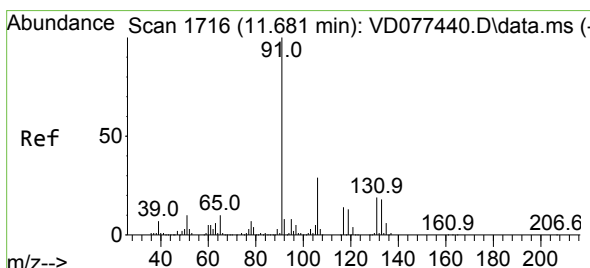
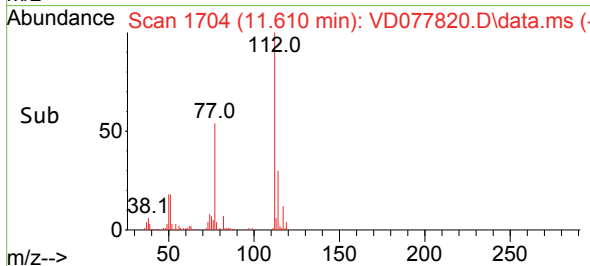
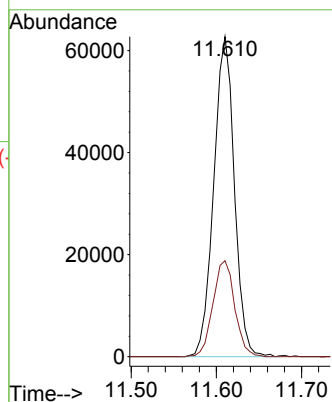
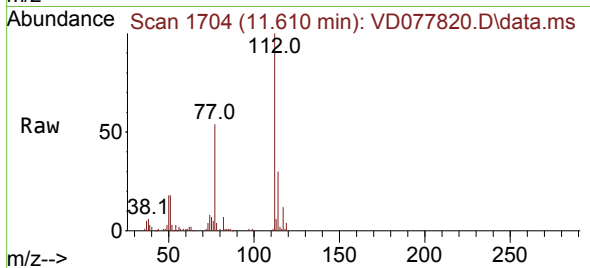




#65
Chlorobenzene
Concen: 19.943 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

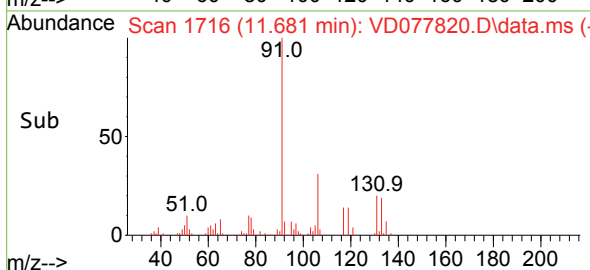
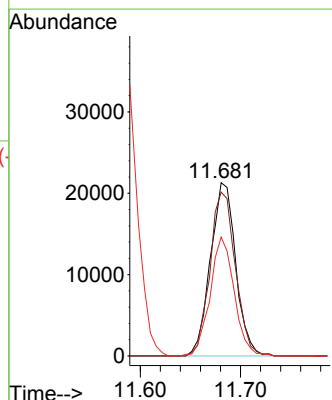
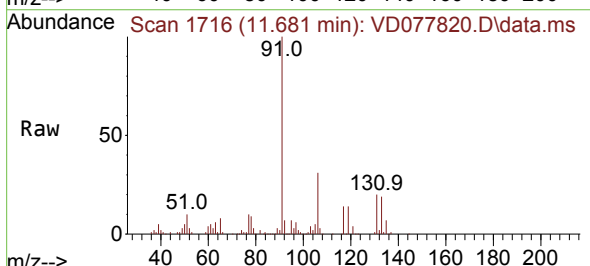
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBSD01

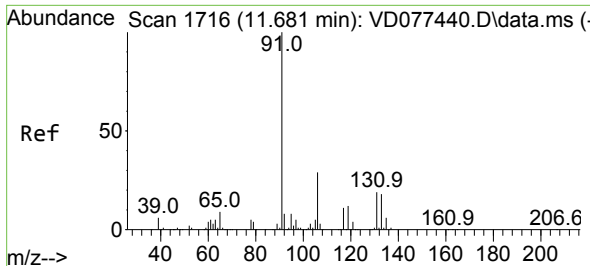
Tgt Ion:112 Resp: 105501
Ion Ratio Lower Upper
112 100
114 30.0 25.1 37.7



#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

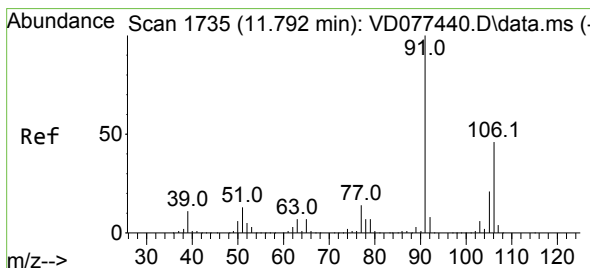
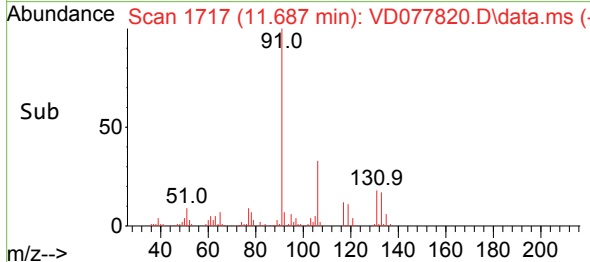
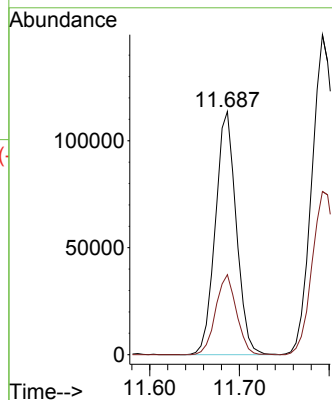
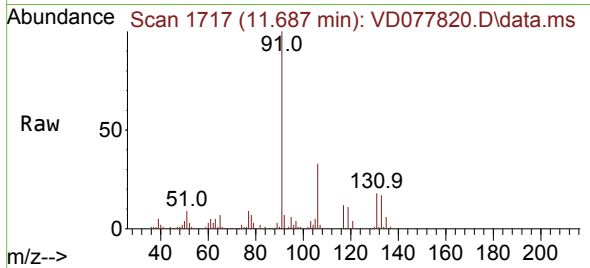




#67
Ethyl Benzene
Concen: 20.740 ug/l
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

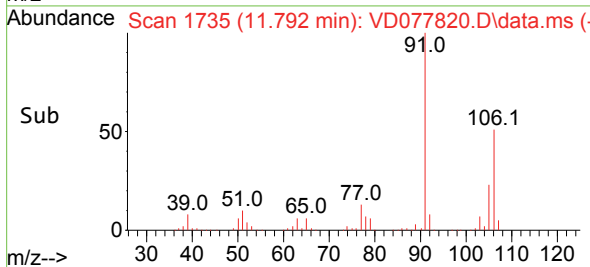
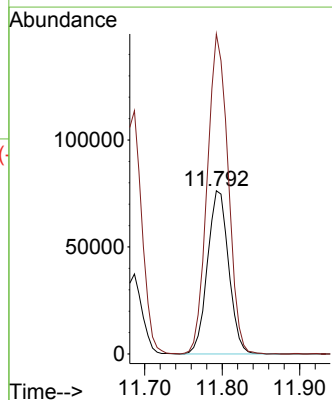
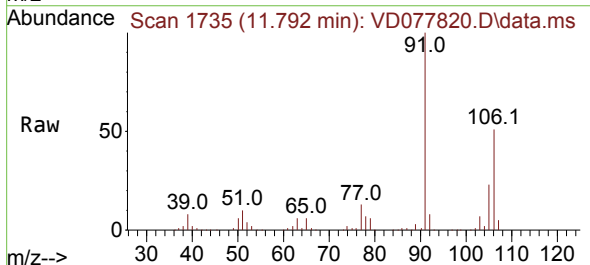
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBSD01

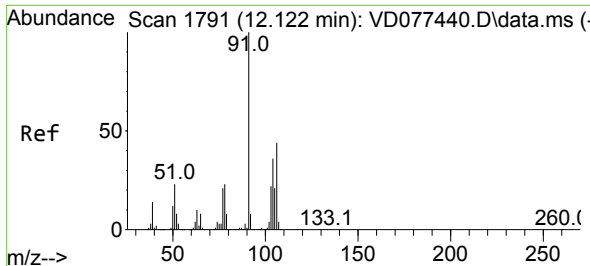
Tgt Ion: 91 Resp: 183500
Ion Ratio Lower Upper
91 100
106 32.9 26.5 39.7



#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

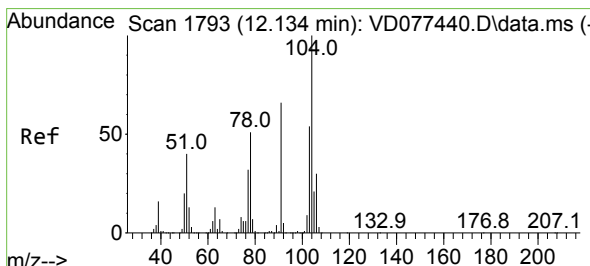
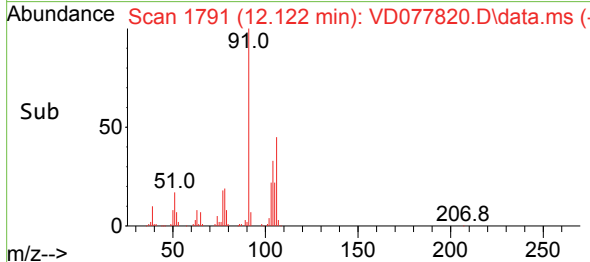
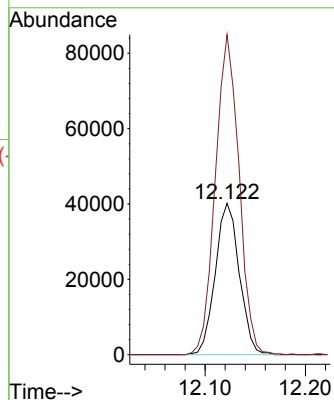
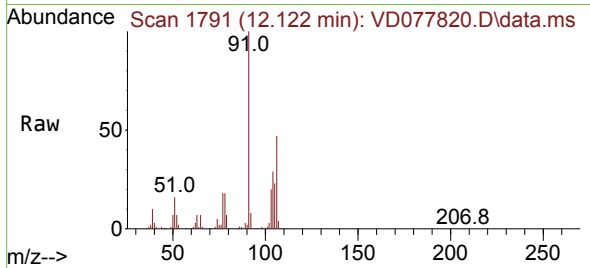




#69
o-Xylene
Concen: 21.390 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

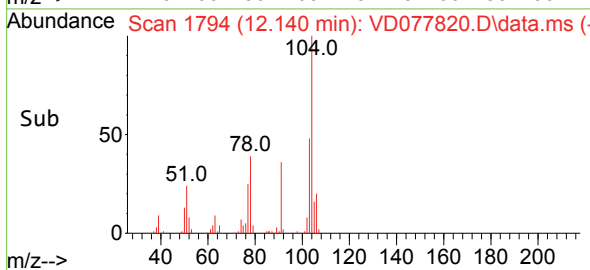
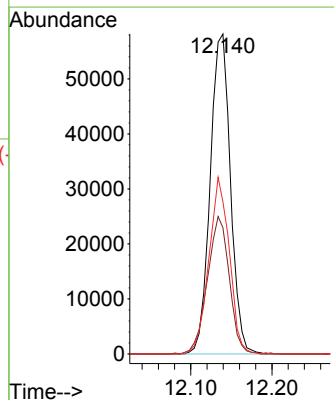
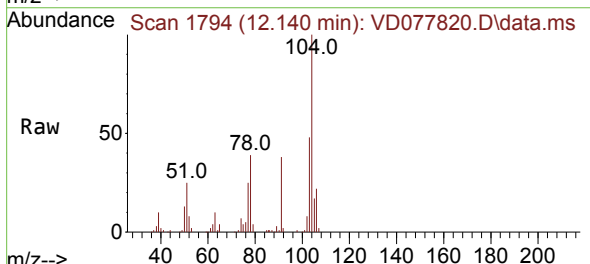
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBSD01

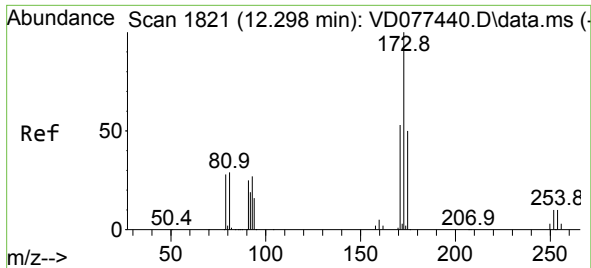
Tgt Ion:106 Resp: 66715
Ion Ratio Lower Upper
106 100
91 208.4 97.9 293.6



#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

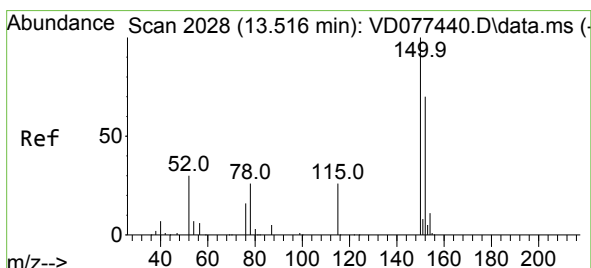
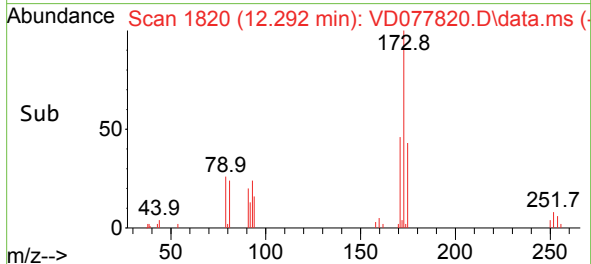
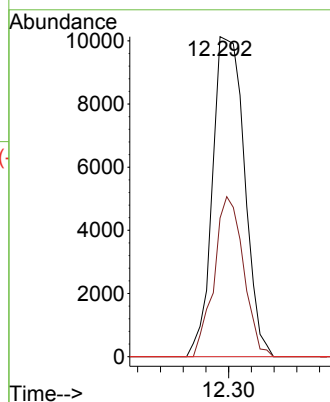
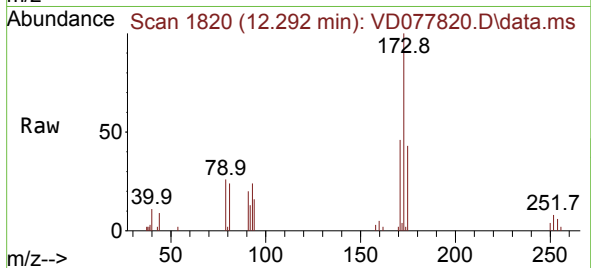




#71
Bromoform
Concen: 21.438 ug/l
RT: 12.292 min Scan# 1821
Delta R.T. -0.006 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

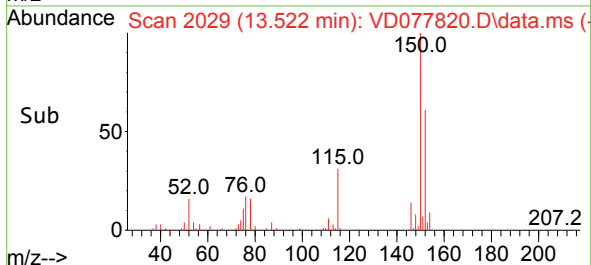
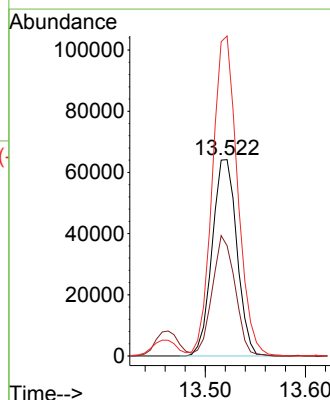
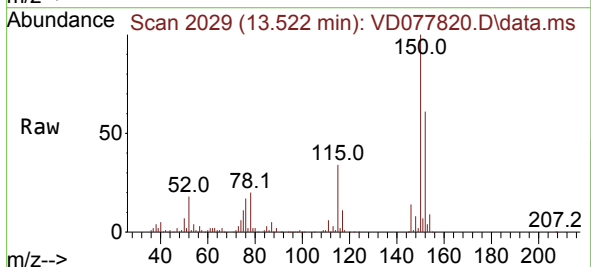
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBSD01

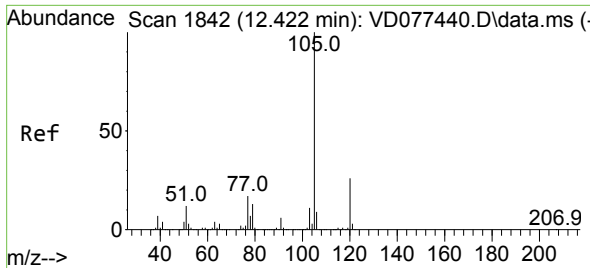
Tgt Ion:173 Resp: 19795
Ion Ratio Lower Upper
173 100
175 46.0 24.6 73.8
254 0.0 0.0 0.0



#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

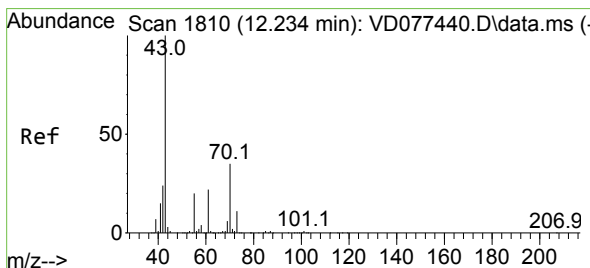
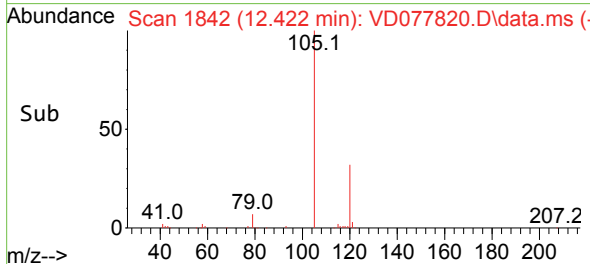
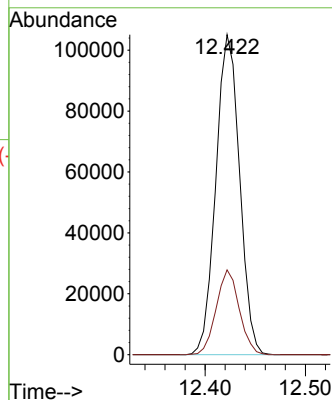
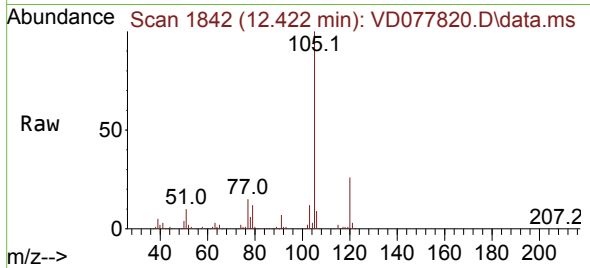




#73
Isopropylbenzene
Concen: 20.669 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

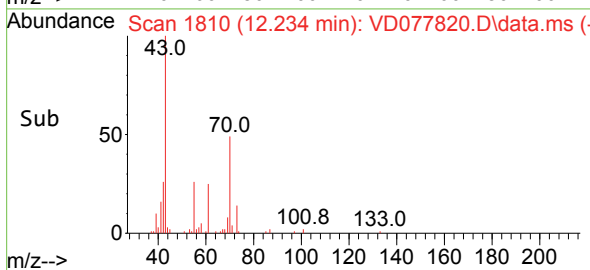
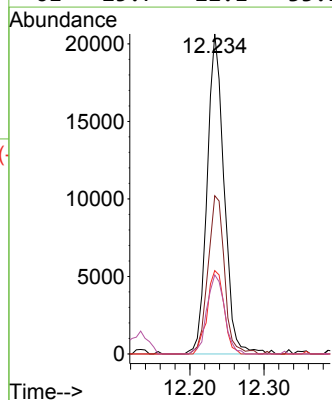
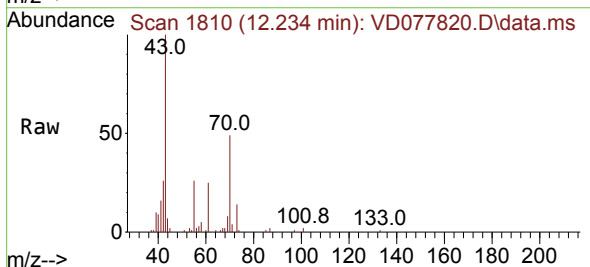
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBSD01

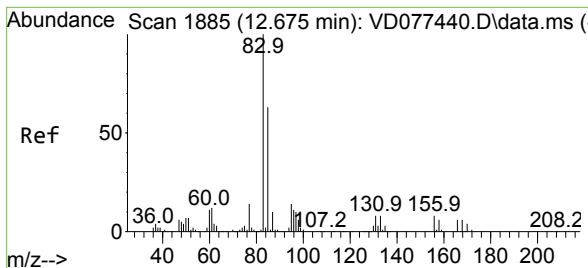
Tgt Ion:105 Resp: 172284
Ion Ratio Lower Upper
105 100
120 25.7 14.3 42.9



#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

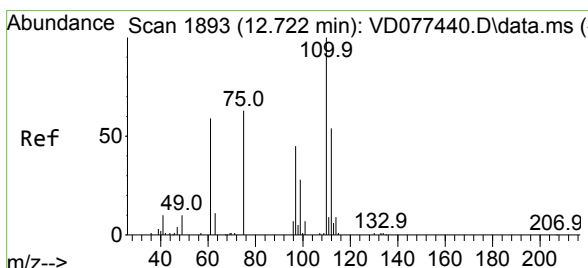
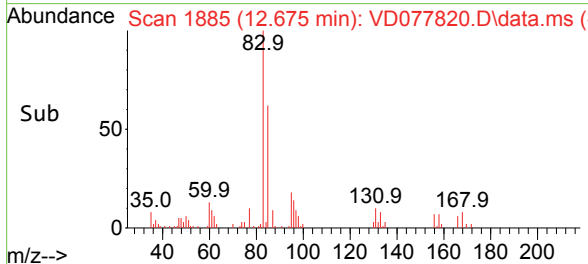
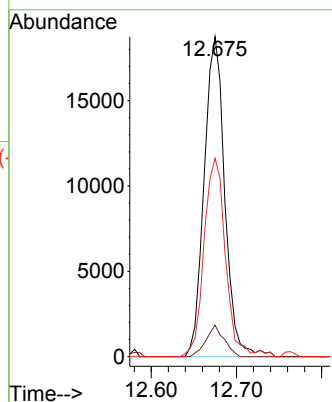
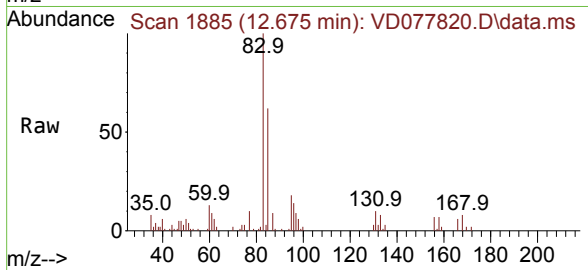




#75
1,1,2,2-Tetrachloroethane
Concen: 21.737 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

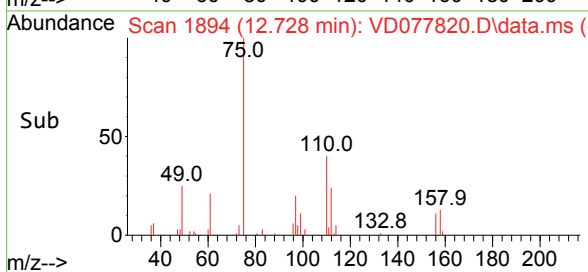
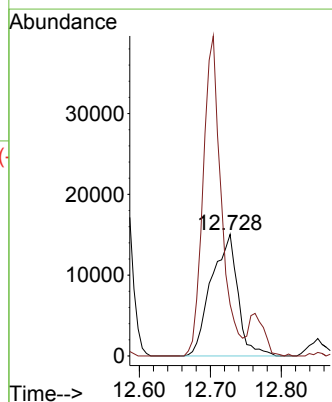
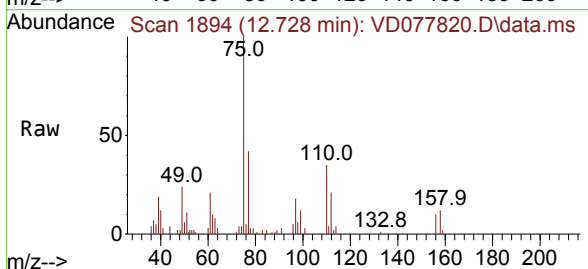
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBSD01

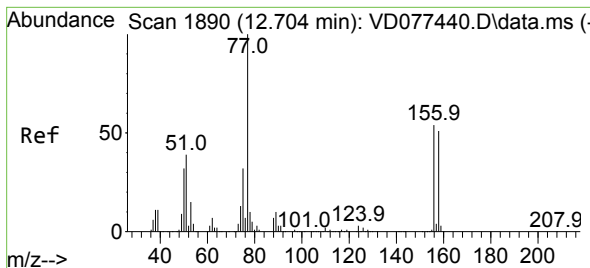
Tgt Ion: 83 Resp: 31592
Ion Ratio Lower Upper
83 100
131 8.7 5.1 15.3
85 63.8 32.6 97.8



#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# 11

Delta R.T. -0.006 min

Lab File: VD077820.D

Acq: 11 Dec 2023 19:16

Instrument :

MSVOA_D

ClientSampleId :

VD1212SBS01

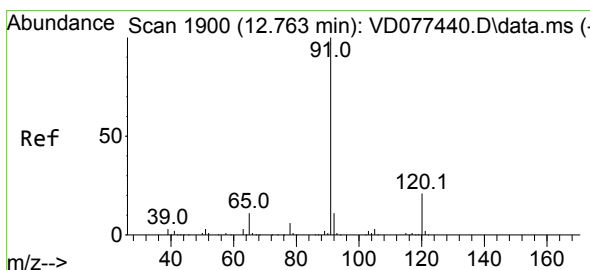
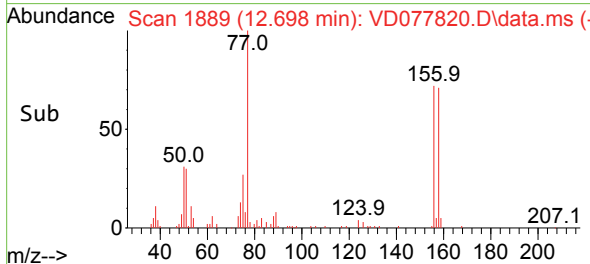
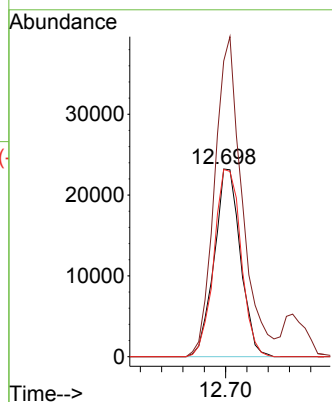
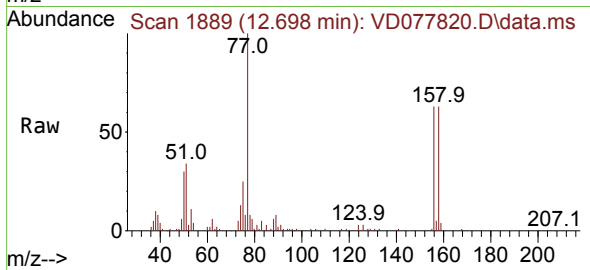
Tgt Ion:156 Resp: 39788

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

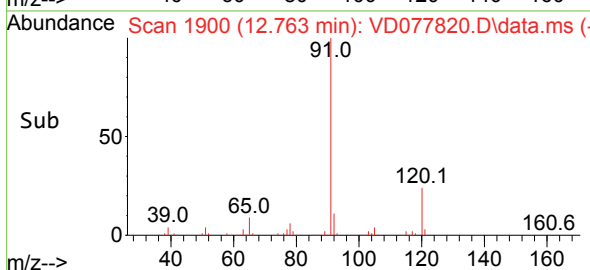
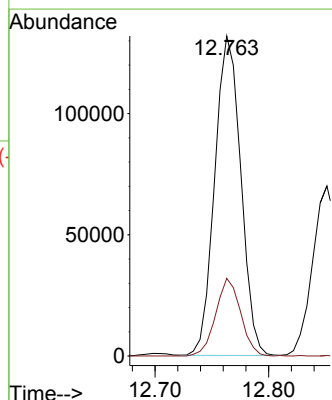
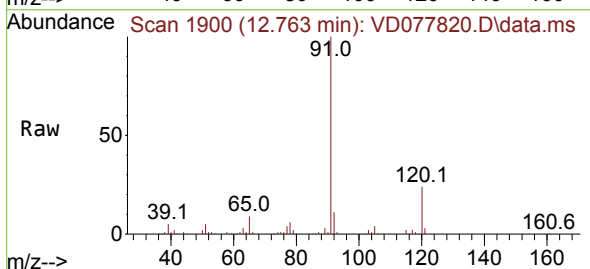
Acq: 11 Dec 2023 19:16

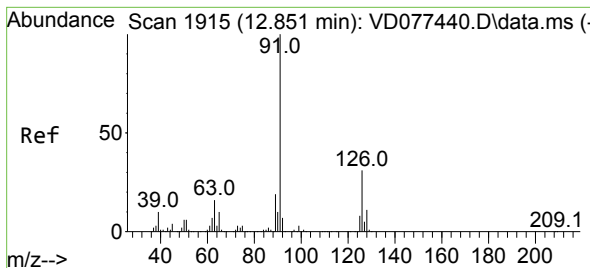
Tgt Ion: 91 Resp: 210074

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 :

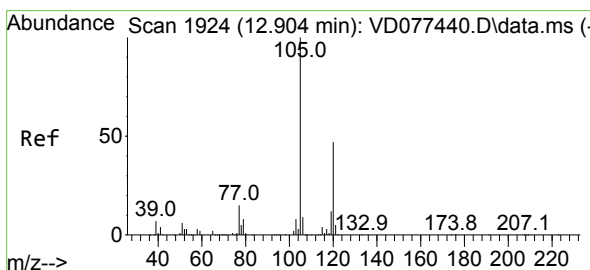
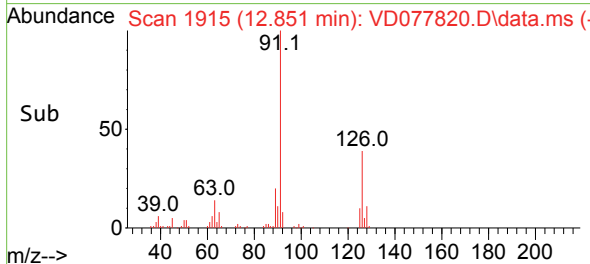
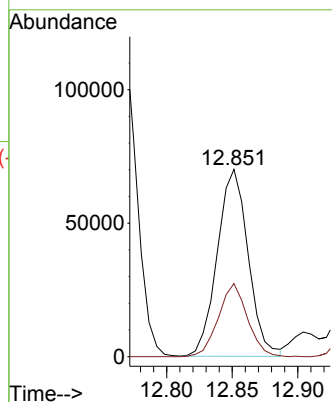
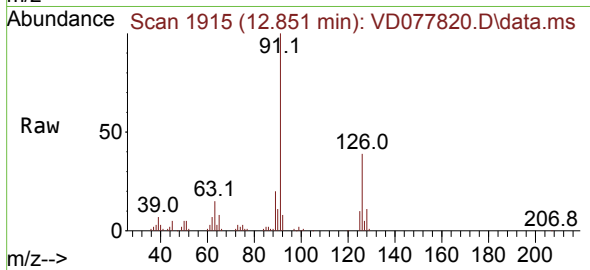
VD1212SBS01

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

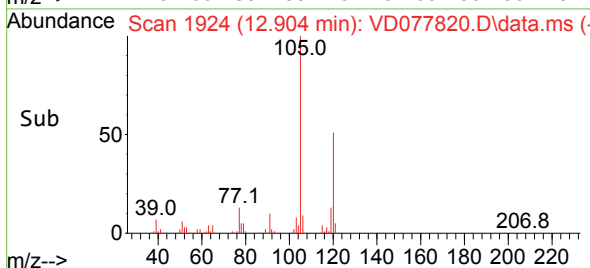
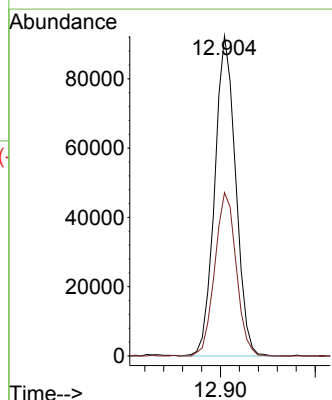
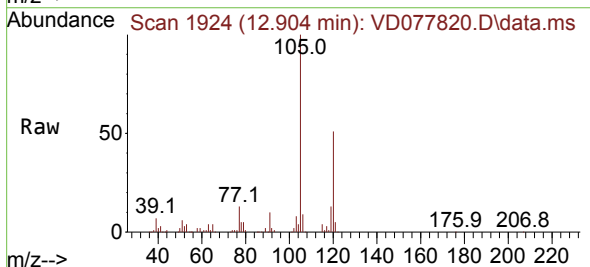
Acq: 11 Dec 2023 19:16

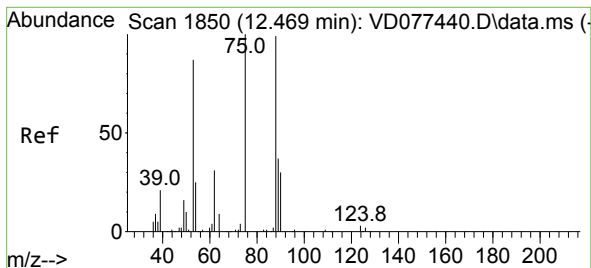
Tgt Ion: 105 Resp: 142024

Ion Ratio Lower Upper

105 100

120 52.2 26.4 79.2

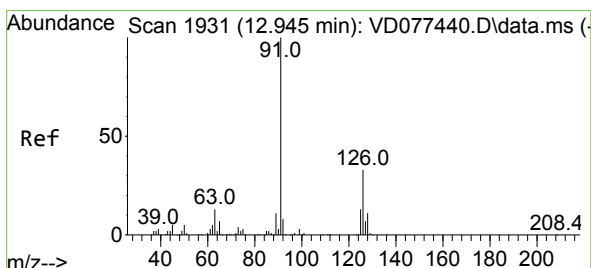
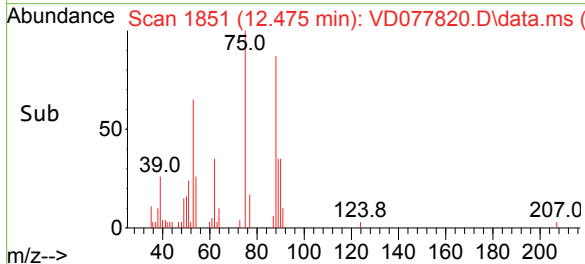
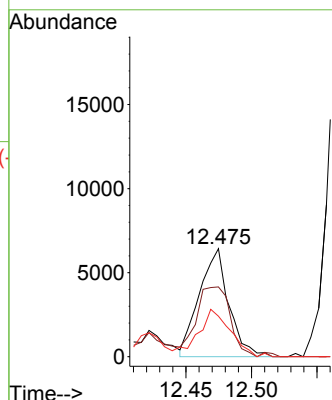
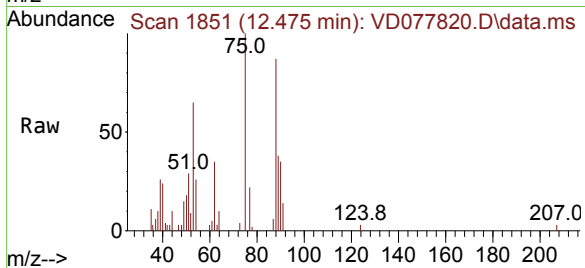




#81
trans-1,4-Dichloro-2-butene
Concen: 21.413 ug/l
RT: 12.475 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

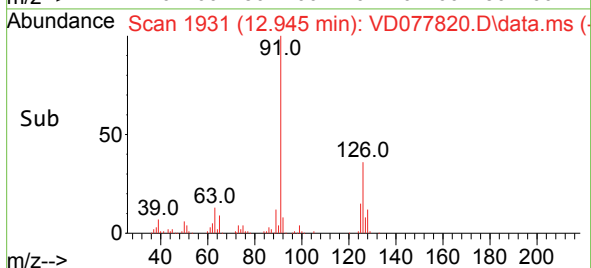
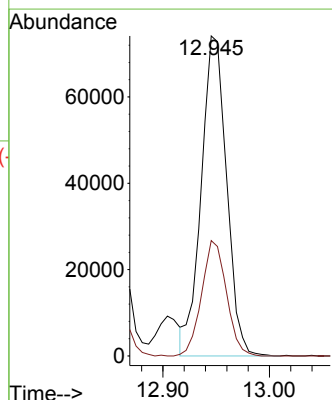
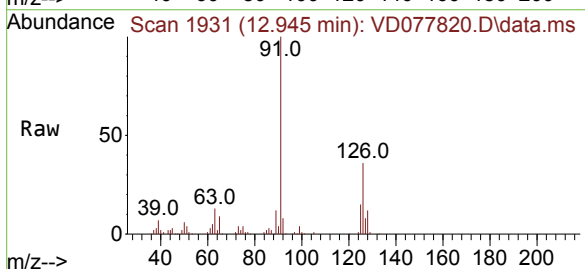
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBSD01

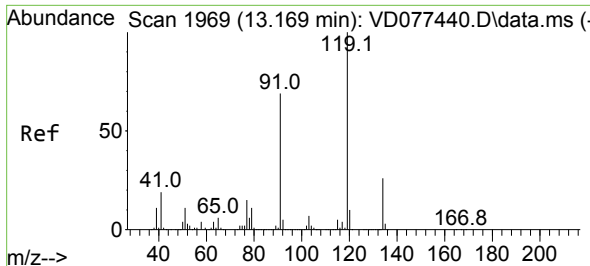
Tgt Ion: 75 Resp: 10095
Ion Ratio Lower Upper
75 100
53 73.6 63.0 94.4
89 47.6 37.9 56.9



#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

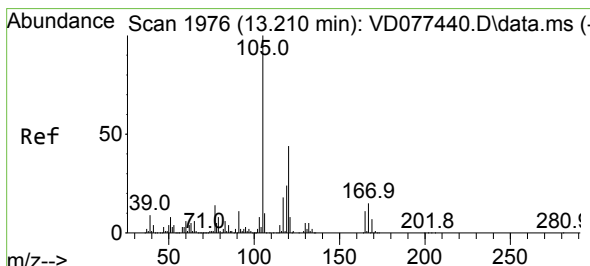
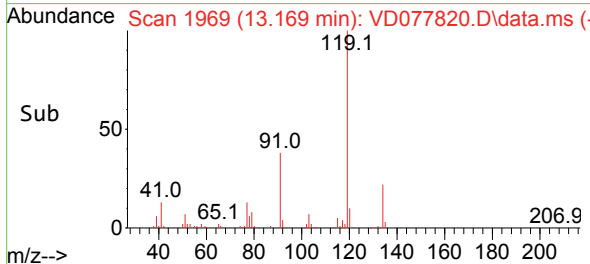
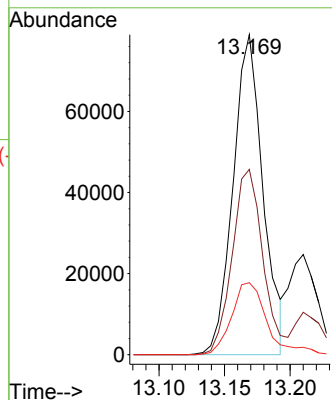
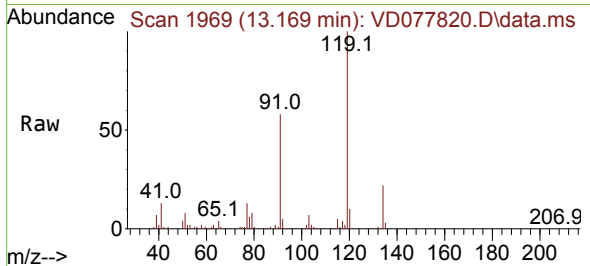




#83
tert-Butylbenzene
Concen: 21.359 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

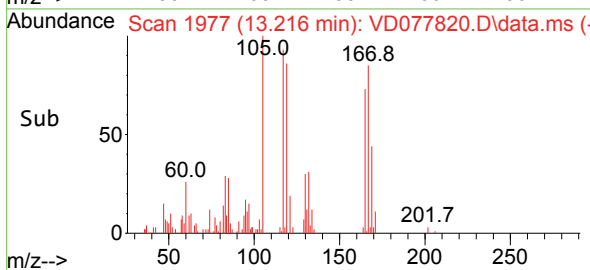
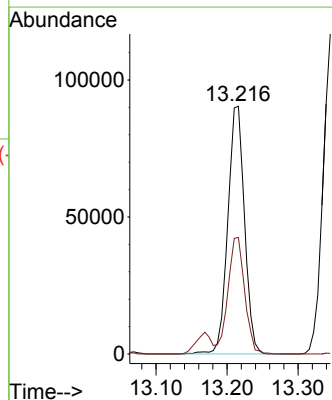
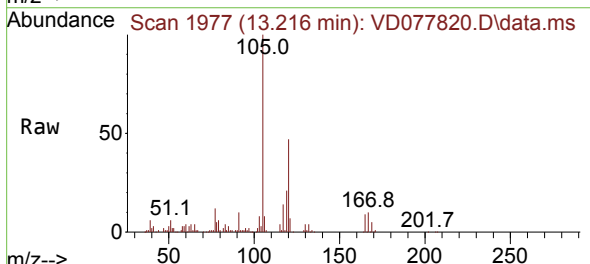
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBSD01

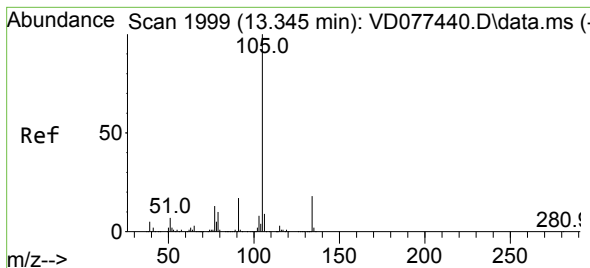
Tgt Ion:119 Resp: 125361
Ion Ratio Lower Upper
119 100
91 59.9 29.3 87.8
134 26.7 14.1 42.3



#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 :

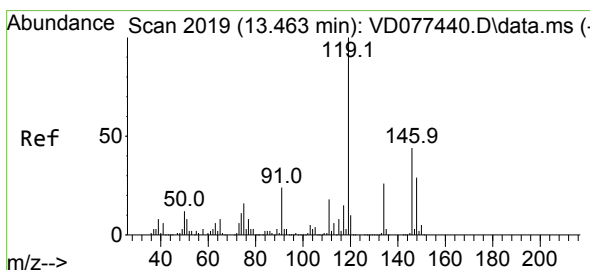
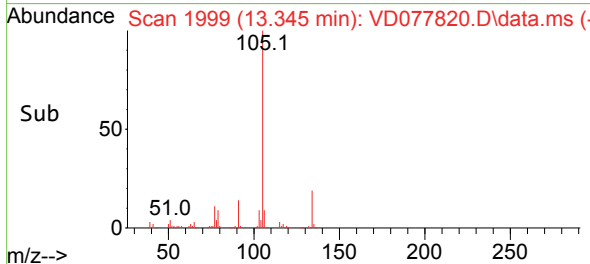
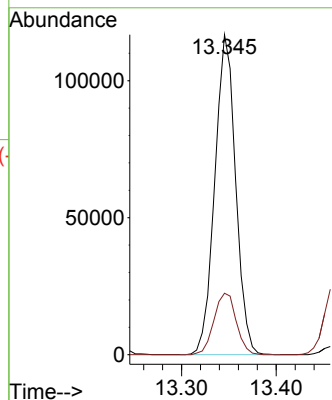
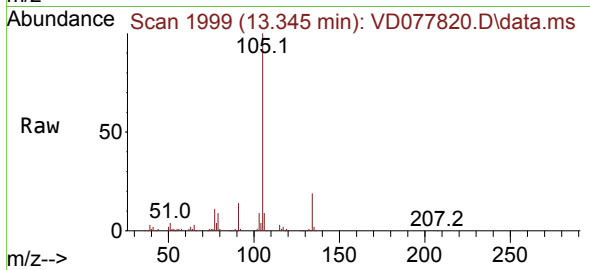
VD1212SBSD01

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

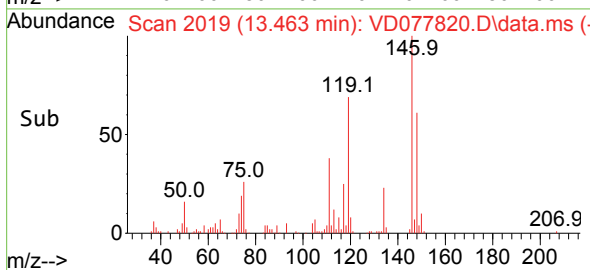
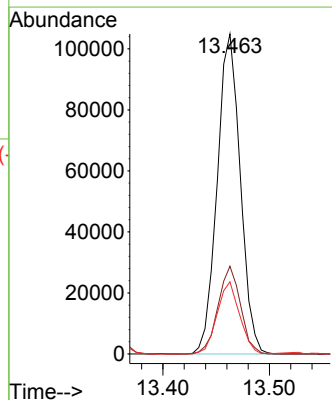
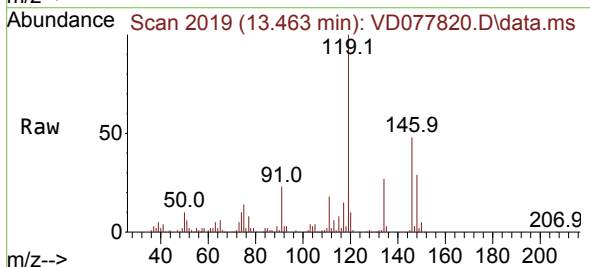
Tgt Ion:119 Resp: 157732

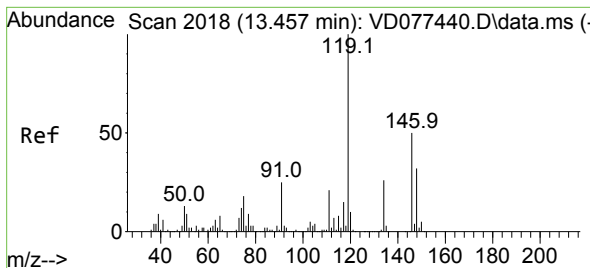
Ion Ratio Lower Upper

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 :

VD1212SBS01

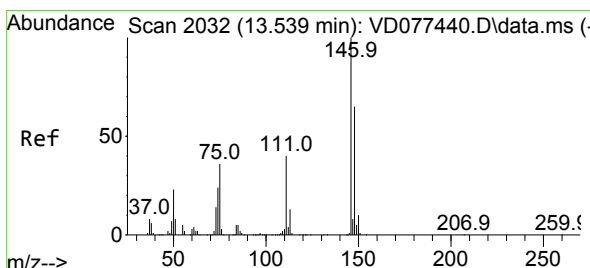
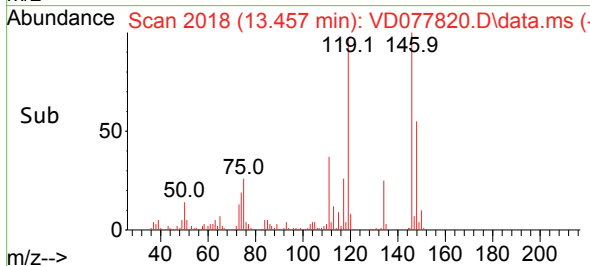
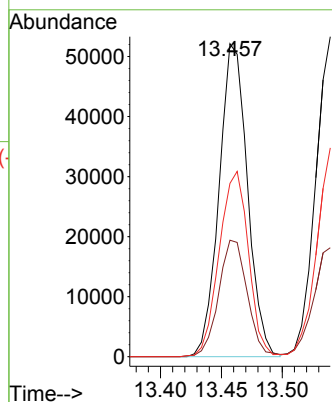
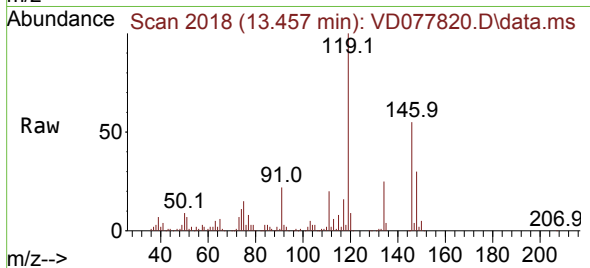
Tgt Ion:146 Resp: 84585

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

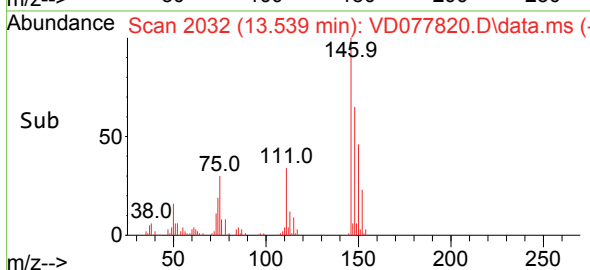
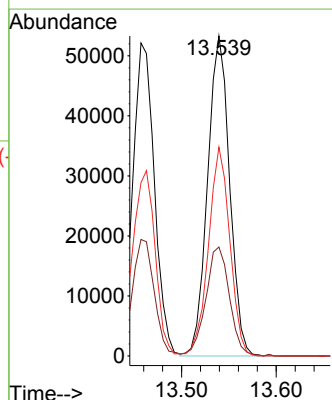
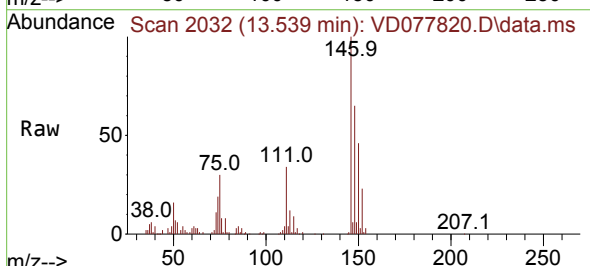
Tgt Ion:146 Resp: 86180

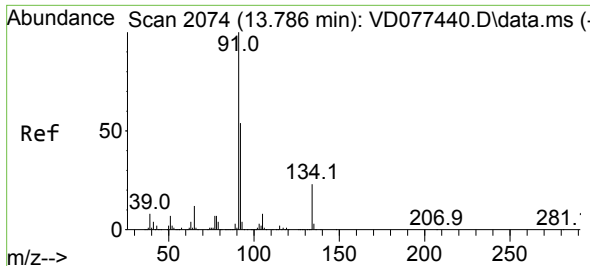
Ion Ratio Lower Upper

146 100

111 36.5 17.4 52.3

148 63.2 31.7 95.1

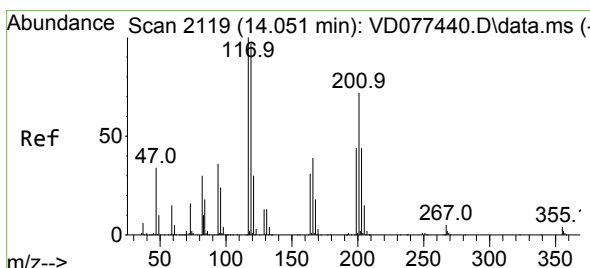
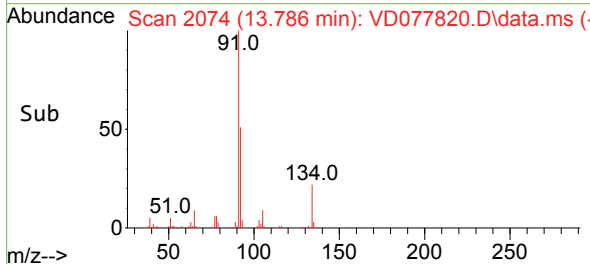
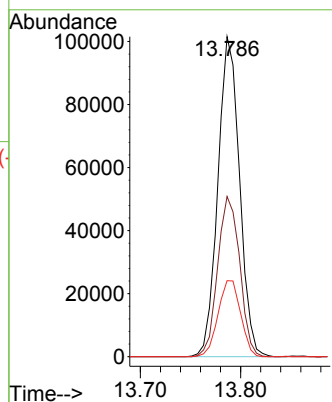
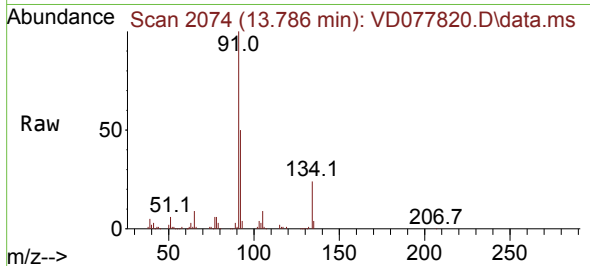




#89
n-Butylbenzene
Concen: 20.815 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

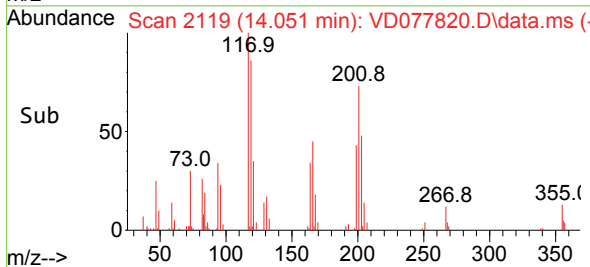
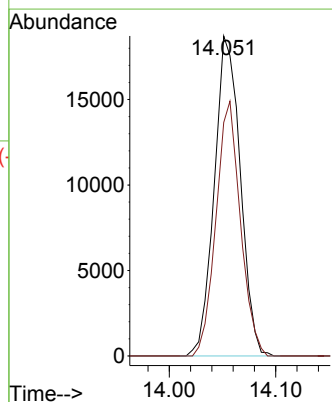
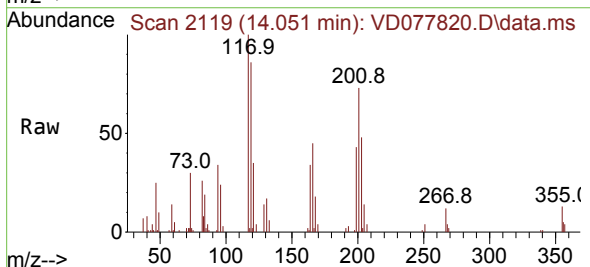
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBSD01

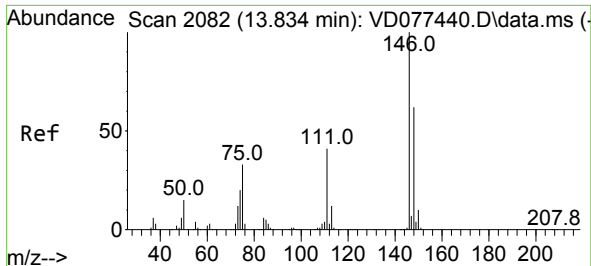
Tgt Ion: 91 Resp: 152137
Ion Ratio Lower Upper
91 100
92 50.8 26.5 79.5
134 24.8 13.8 41.3



#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

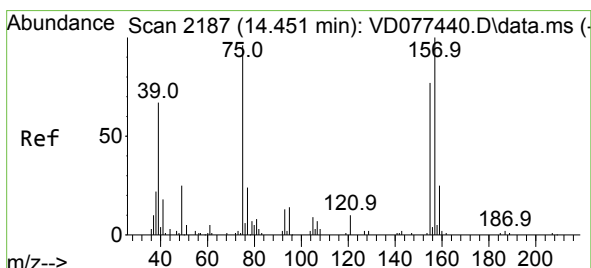
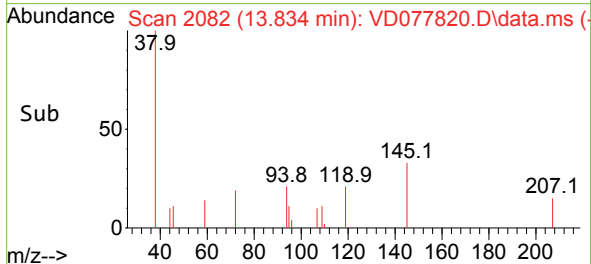
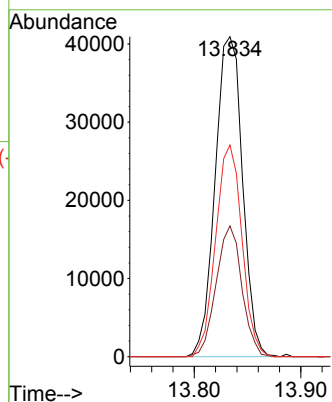
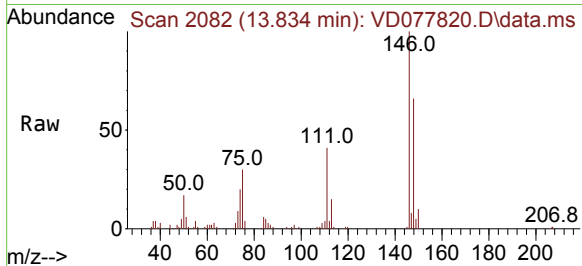




#91
1,2-Dichlorobenzene
Concen: 21.438 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

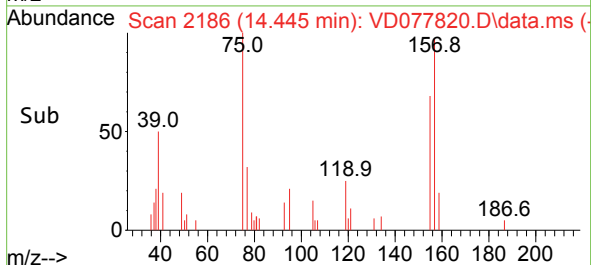
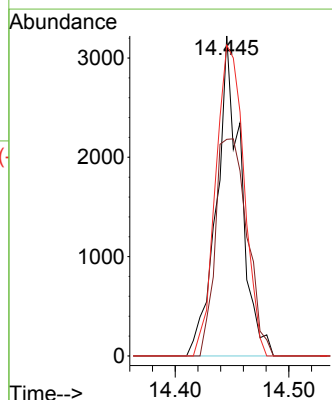
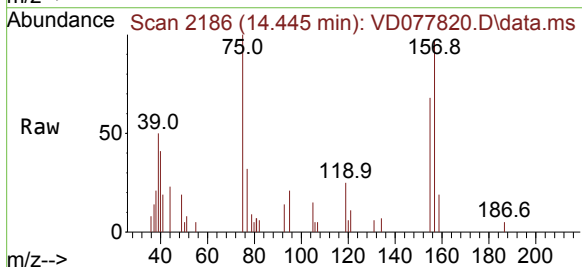
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS01

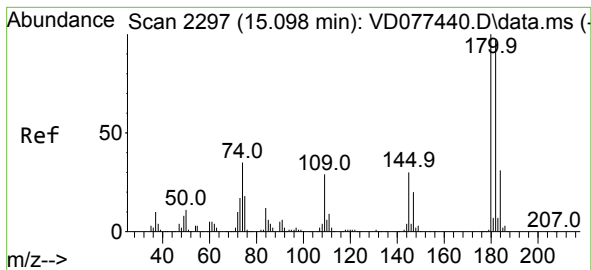
Tgt Ion:	146	Resp:	73104
Ion Ratio	Lower	Upper	
146	100		
111	38.4	18.3	54.8
148	63.5	31.6	94.7



#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

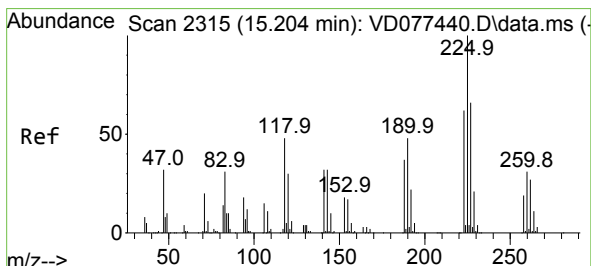
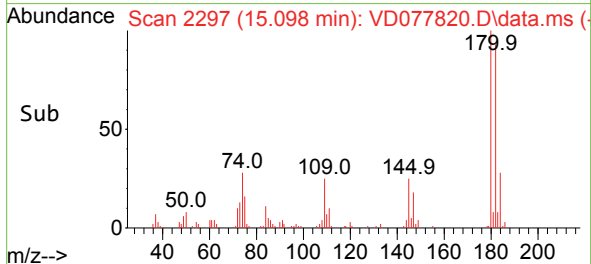
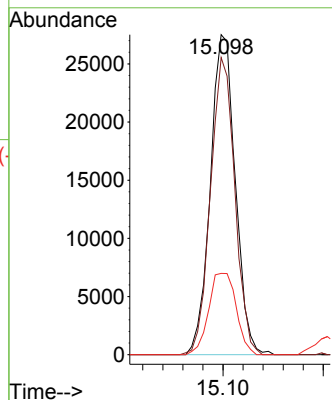
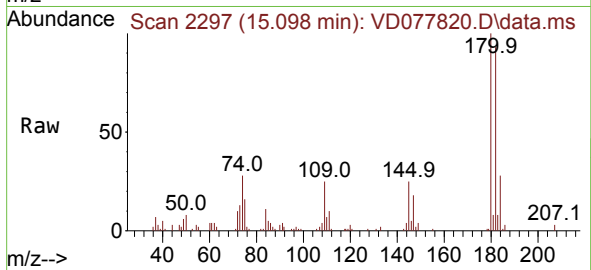




#93
 1,2,4-Trichlorobenzene
 Concen: 20.414 ug/l
 RT: 15.098 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD077820.D
 Acq: 11 Dec 2023 19:16

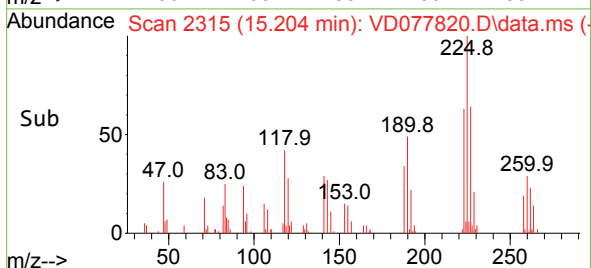
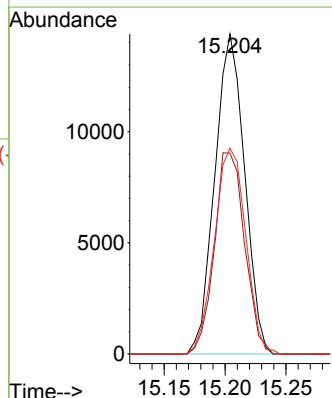
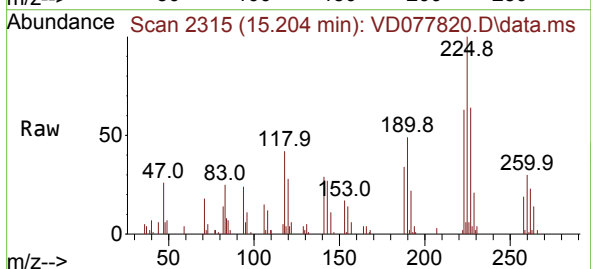
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1212SBSD01

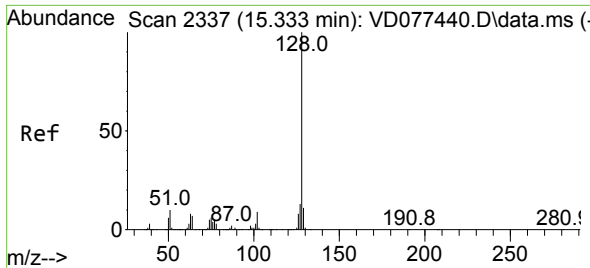
Tgt Ion:180 Resp: 47547
 Ion Ratio Lower Upper
 180 100
 182 90.4 48.5 145.6
 145 28.1 14.2 42.6



#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

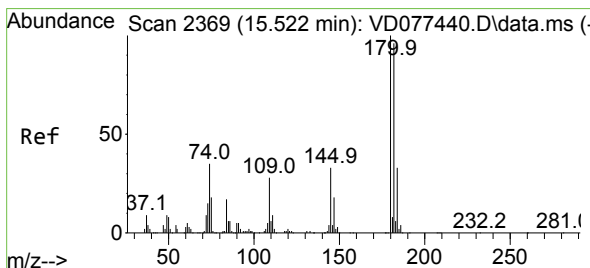
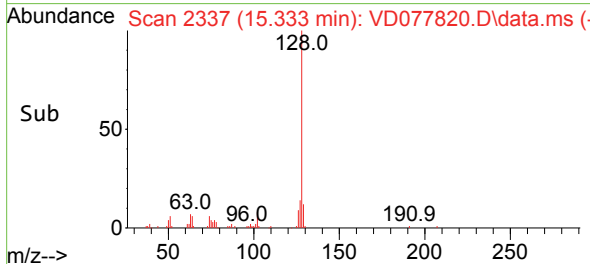
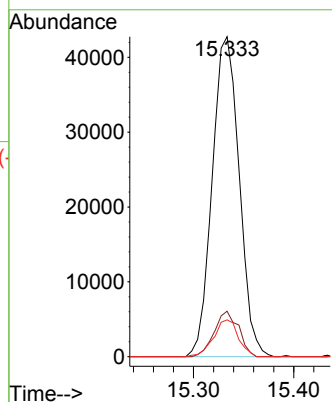
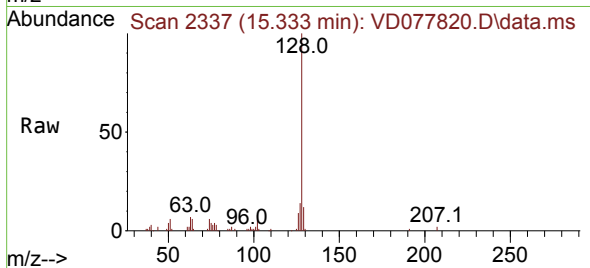




#95
Naphthalene
Concen: 20.642 ug/l
RT: 15.333 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD077820.D
Acq: 11 Dec 2023 19:16

Instrument :
MSVOA_D
ClientSampleId :
VD1212SBSD01

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

