

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120823\
 Data File : VD077797.D
 Acq On : 08 Dec 2023 18:04
 Operator : JC/SY
 Sample : VD1208SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1208SBS01

Quant Time: Dec 08 23:12:56 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	7.875	168	141608	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	251751	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	231885	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	115615	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	86381	51.767	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	103.540%	
35) Dibromofluoromethane	7.804	113	85861	48.690	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	97.380%	
50) Toluene-d8	10.269	98	340225	48.172	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	96.340%	
62) 4-Bromofluorobenzene	12.575	95	103261	48.902	ug/l	0.00
Spiked Amount 50.000	Range 30	- 143	Recovery	=	97.800%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	37698	21.311	ug/l	96
3) Chloromethane	2.152	50	56579	23.466	ug/l	98
4) Vinyl Chloride	2.287	62	72919	22.277	ug/l	99
5) Bromomethane	2.687	94	40067	21.814	ug/l	97
6) Chloroethane	2.834	64	50736	22.735	ug/l	98
7) Trichlorofluoromethane	3.175	101	65081	21.588	ug/l	99
8) Diethyl Ether	3.599	74	19601	23.155	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.963	101	34567	20.043	ug/l	98
10) Methyl Iodide	4.169	142	25020	21.062	ug/l	92
11) Tert butyl alcohol	5.052	59	9797	115.873	ug/l	# 88
12) 1,1-Dichloroethene	3.940	96	35442	20.822	ug/l	# 82
13) Acrolein	3.799	56	18297	103.659	ug/l	99
14) Allyl chloride	4.563	41	50125	21.411	ug/l	87
15) Acrylonitrile	5.252	53	42238	116.536	ug/l	98
16) Acetone	4.022	43	55804	140.983	ug/l	# 82
17) Carbon Disulfide	4.269	76	120044	20.845	ug/l	100
18) Methyl Acetate	4.563	43	29093	22.138	ug/l	92
19) Methyl tert-butyl Ether	5.322	73	82520	22.850	ug/l	97
20) Methylene Chloride	4.805	84	51030	23.230	ug/l	# 83
21) trans-1,2-Dichloroethene	5.316	96	41655	21.605	ug/l	# 80
22) Diisopropyl ether	6.222	45	112461	22.988	ug/l	# 90
23) Vinyl Acetate	6.157	43	218811	91.589	ug/l	94
24) 1,1-Dichloroethane	6.116	63	72282	21.818	ug/l	98
25) 2-Butanone	7.075	43	63132	130.456	ug/l	# 84
26) 2,2-Dichloropropane	7.075	77	58325	20.968	ug/l	94
27) cis-1,2-Dichloroethene	7.081	96	47565	22.928	ug/l	88
28) Bromochloromethane	7.428	49	27320	20.408	ug/l	# 75
29) Tetrahydrofuran	7.446	42	31912	120.098	ug/l	# 84
30) Chloroform	7.593	83	72032	21.724	ug/l	98
31) Cyclohexane	7.881	56	62478	21.051	ug/l	88
32) 1,1,1-Trichloroethane	7.793	97	63119	21.594	ug/l	98
36) 1,1-Dichloropropene	8.010	75	56806	20.139	ug/l	95
37) Ethyl Acetate	7.169	43	21421	19.476	ug/l	# 89
38) Carbon Tetrachloride	7.993	117	55637	19.785	ug/l	99
39) Methylcyclohexane	9.269	83	64847	19.393	ug/l	92
40) Benzene	8.251	78	165405	20.661	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	12167	21.765	ug/l #	87
42) 1,2-Dichloroethane	8.328	62	45426	21.890	ug/l	95
43) Isopropyl Acetate	8.357	43	42641	21.810	ug/l #	90
44) Trichloroethene	9.028	130	43031	20.626	ug/l	84
45) 1,2-Dichloropropane	9.304	63	41315	21.229	ug/l	100
46) Dibromomethane	9.393	93	22649	21.995	ug/l	92
47) Bromodichloromethane	9.581	83	55303	21.188	ug/l #	96
48) Methyl methacrylate	9.381	41	26270	23.637	ug/l #	73
49) 1,4-Dioxane	9.381	88	4039	395.010	ug/l #	66
51) 4-Methyl-2-Pentanone	10.157	43	110212	110.453	ug/l	89
52) Toluene	10.334	92	103510	20.844	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	52898	21.105	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	62310	20.562	ug/l #	80
55) 1,1,2-Trichloroethane	10.728	97	29915	21.238	ug/l	97
56) Ethyl methacrylate	10.598	69	27244	21.942	ug/l #	84
57) 1,3-Dichloropropane	10.881	76	53170	21.899	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.869	63	71838	101.453	ug/l	91
59) 2-Hexanone	10.922	43	91766	110.850	ug/l	85
60) Dibromochloromethane	11.075	129	37051	21.848	ug/l	97
61) 1,2-Dibromoethane	11.181	107	28621	21.586	ug/l	100
64) Tetrachloroethene	10.810	164	34683	20.350	ug/l	93
65) Chlorobenzene	11.604	112	111599	19.275	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	40308	20.904	ug/l	95
67) Ethyl Benzene	11.687	91	197812	20.490	ug/l	94
68) m/p-Xylenes	11.792	106	150090	40.645	ug/l	92
69) o-Xylene	12.122	106	68647	20.171	ug/l	90
70) Styrene	12.134	104	105051	20.759	ug/l	93
71) Bromoform	12.298	173	21296	21.137	ug/l #	99
73) Isopropylbenzene	12.422	105	183038	20.889	ug/l	96
74) N-amyl acetate	12.234	43	36455	21.164	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.669	83	34315	22.459	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	42213	42.040	ug/l #	100
77) Bromobenzene	12.698	156	43000	20.863	ug/l	92
78) n-propylbenzene	12.763	91	221952	20.787	ug/l	95
79) 2-Chlorotoluene	12.851	91	118369	20.686	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	149888	20.509	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	10219	20.619	ug/l	90
82) 4-Chlorotoluene	12.945	91	127396	21.296	ug/l	98
83) tert-Butylbenzene	13.169	119	127269	20.627	ug/l	95
84) 1,2,4-Trimethylbenzene	13.216	105	150787	20.628	ug/l	97
85) sec-Butylbenzene	13.345	105	186442	20.443	ug/l	97
86) p-Isopropyltoluene	13.463	119	165091	20.218	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	85363	20.253	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	89999	20.444	ug/l	97
89) n-Butylbenzene	13.786	91	159622	20.775	ug/l	96
90) Hexachloroethane	14.057	117	30539	20.337	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	75174	20.971	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	4919	21.670	ug/l	84
93) 1,2,4-Trichlorobenzene	15.098	180	48656	19.872	ug/l	97
94) Hexachlorobutadiene	15.204	225	24931	18.882	ug/l	96
95) Naphthalene	15.333	128	106524	26.184	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	41215	20.418	ug/l	98

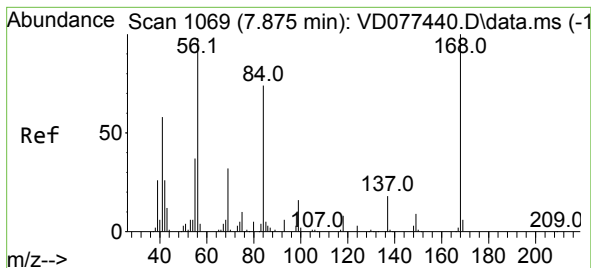
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD077797.D

Acq: 08 Dec 2023 18:04

Instrument :

MSVOA_D

ClientSampleId :

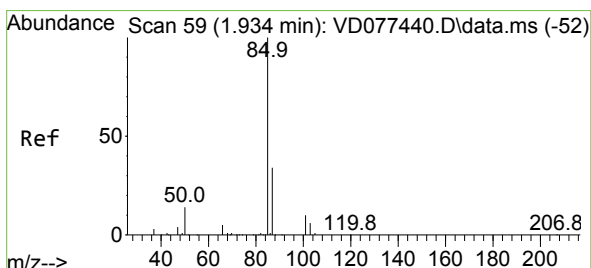
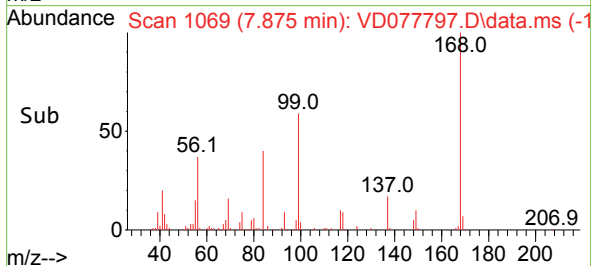
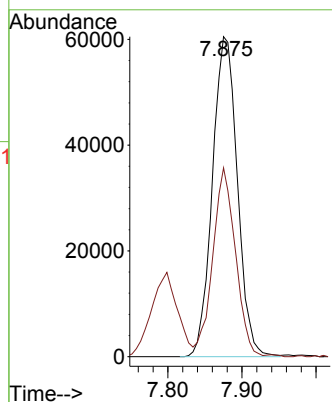
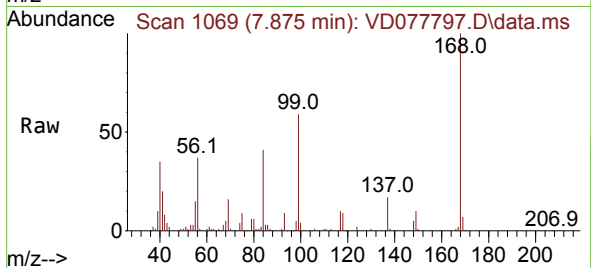
VD1208SBS01

Tgt Ion:168 Resp: 141608

Ion Ratio Lower Upper

168 100

99 58.7 36.7 55.1#



#2

Dichlorodifluoromethane

Concen: 21.311 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD077797.D

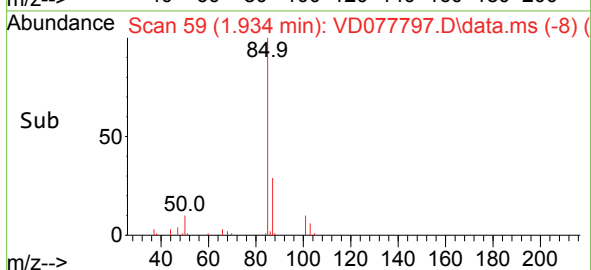
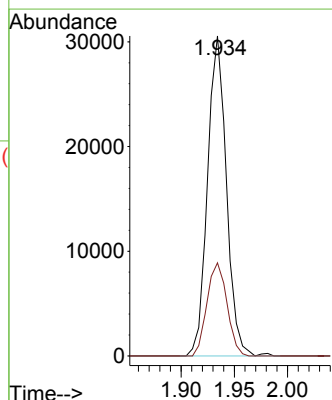
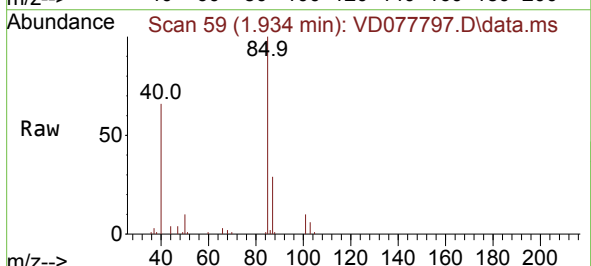
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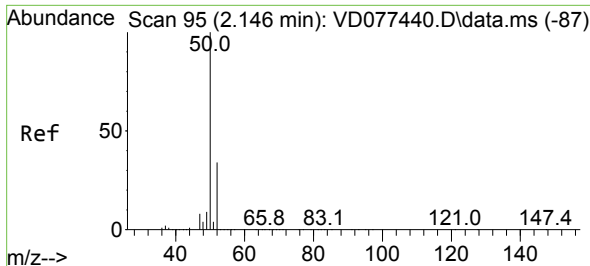
Tgt Ion: 85 Resp: 37698

Ion Ratio Lower Upper

85 100

87 29.1 15.7 47.0

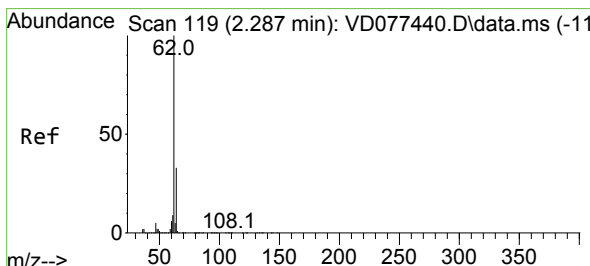
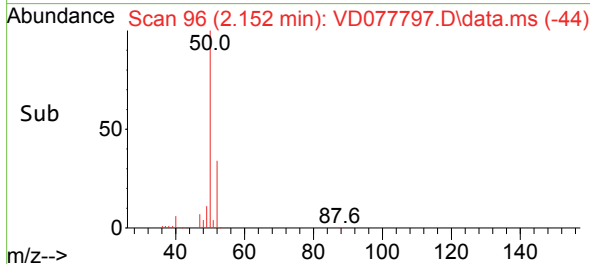
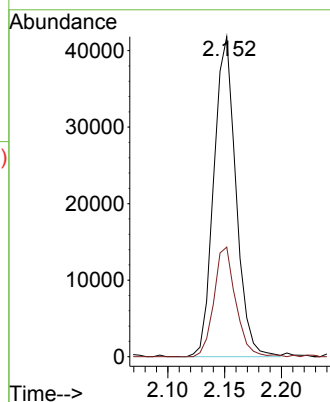
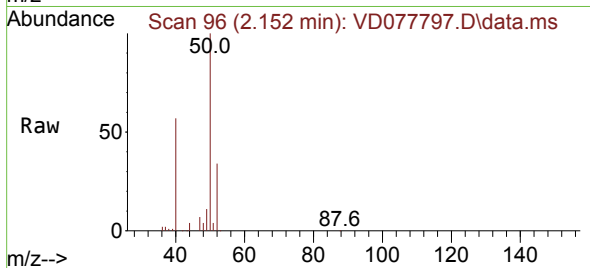




#3
Chloromethane
Concen: 23.466 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD077797.D
Acq: 08 Dec 2023 18:04

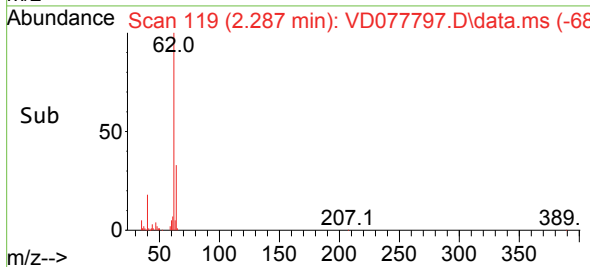
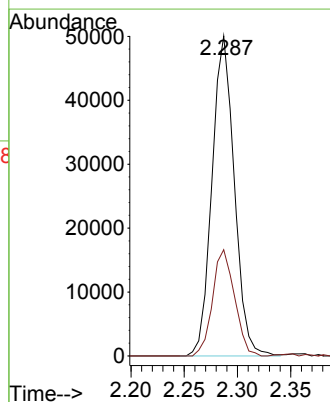
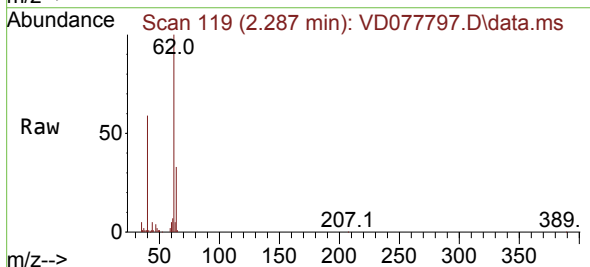
Instrument :
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ClientSampleId :
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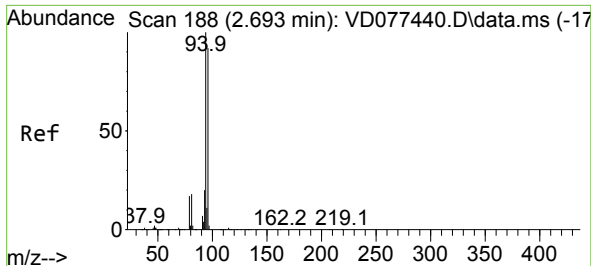
Tgt Ion: 50 Resp: 56579
Ion Ratio Lower Upper
50 100
52 34.3 26.6 40.0



#4
Vinyl Chloride
Concen: 22.277 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077797.D
Acq: 08 Dec 2023 18:04

Tgt Ion: 62 Resp: 72919
Ion Ratio Lower Upper
62 100
64 33.2 26.0 39.0

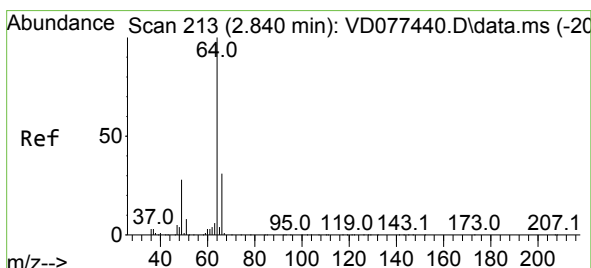
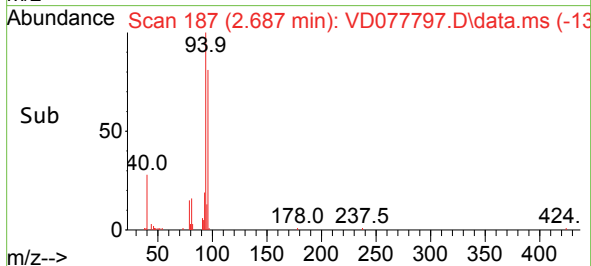
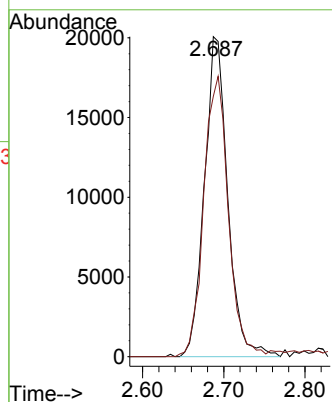
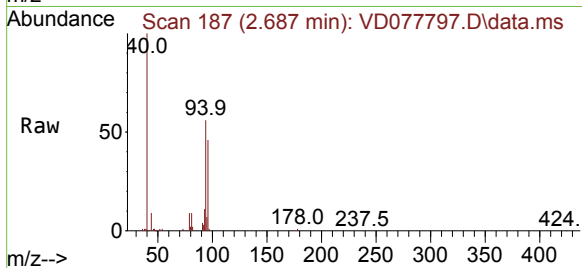




#5
Bromomethane
Concen: 21.814 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD077797.D
Acq: 08 Dec 2023 18:04

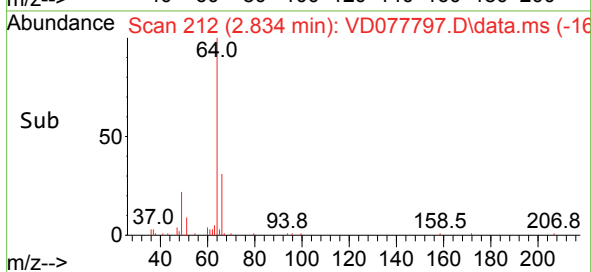
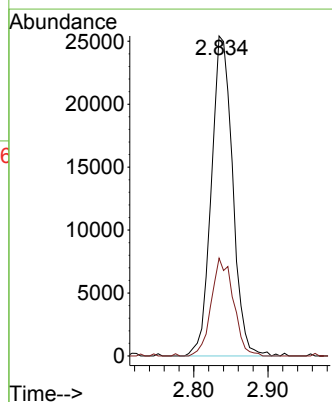
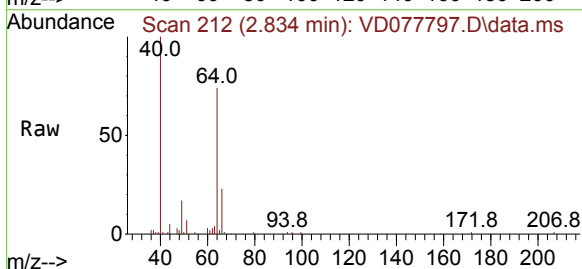
Instrument :
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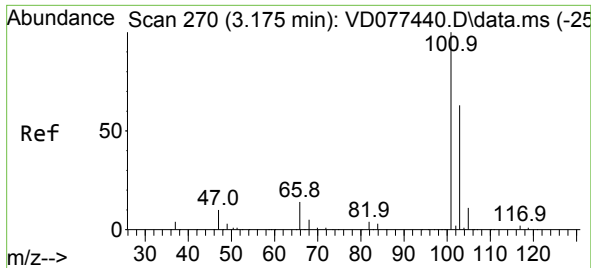
Tgt Ion: 94 Resp: 40067
Ion Ratio Lower Upper
94 100
96 92.3 75.8 113.8



#6
Chloroethane
Concen: 22.735 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD077797.D
Acq: 08 Dec 2023 18:04

Tgt Ion: 64 Resp: 50736
Ion Ratio Lower Upper
64 100
66 30.6 25.5 38.3

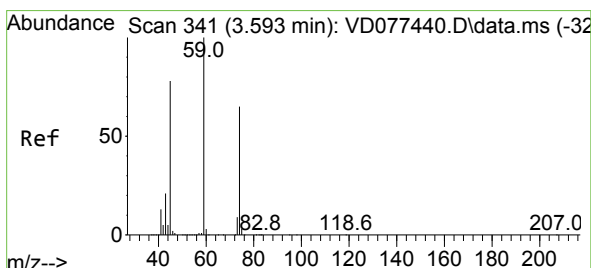
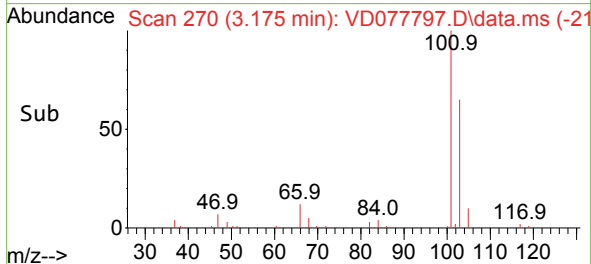
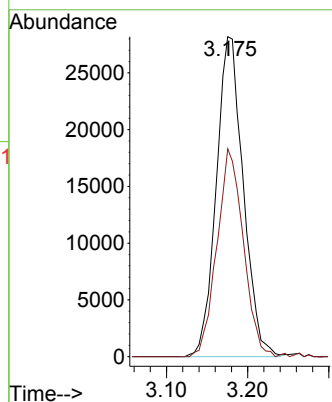
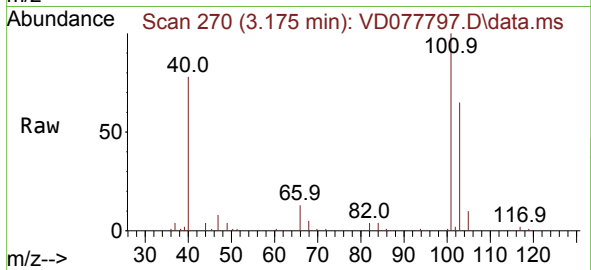




#7
 Trichlorofluoromethane
 Concen: 21.588 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD077797.D
 Acq: 08 Dec 2023 18:04

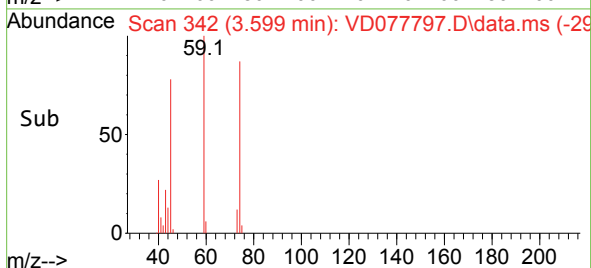
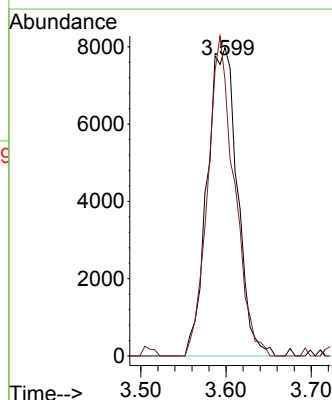
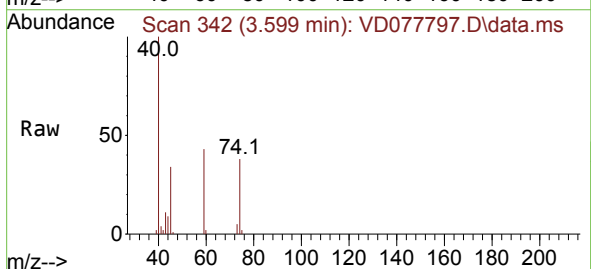
Instrument :
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 ClientSampleId :
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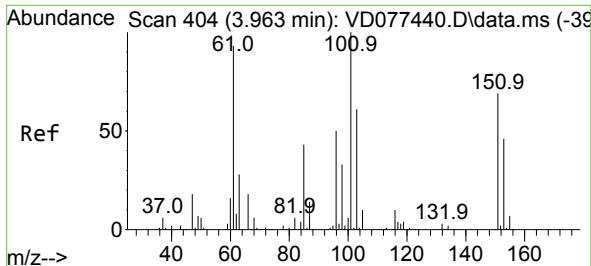
Tgt Ion:101 Resp: 65081
 Ion Ratio Lower Upper
 101 100
 103 65.0 52.3 78.5



#8
 Diethyl Ether
 Concen: 23.155 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VD077797.D
 Acq: 08 Dec 2023 18:04

Tgt Ion: 74 Resp: 19601
 Ion Ratio Lower Upper
 74 100
 45 91.8 37.5 112.7

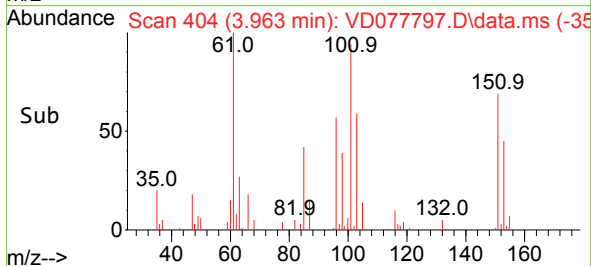
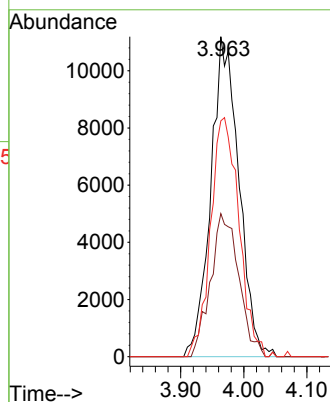
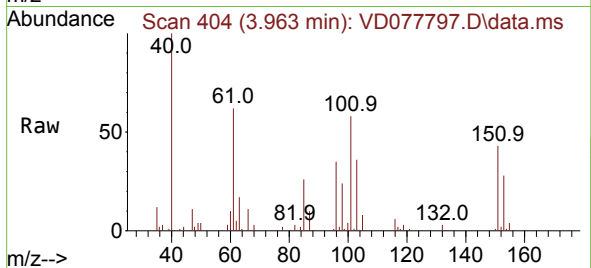




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.043 ug/l
RT: 3.963 min Scan# 404
Delta R.T. 0.000 min
Lab File: VD077797.D
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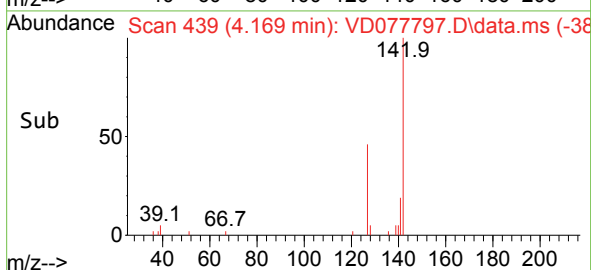
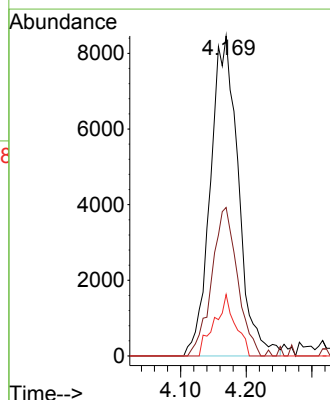
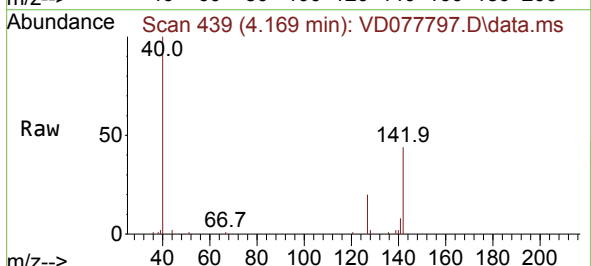
Instrument :
MSVOA_D
ClientSampleId :
VD1208SBSD01

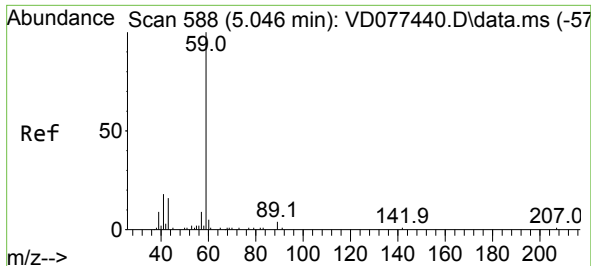
Tgt Ion:	101	Resp:	34567
Ion	Ratio	Lower	Upper
101	100		
85	44.9	33.8	50.6
151	75.1	59.8	89.6



#10
Methyl Iodide
Concen: 21.062 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD077797.D
Acq: 08 Dec 2023 18:04

Tgt Ion:	142	Resp:	25020
Ion	Ratio	Lower	Upper
142	100		
127	42.7	29.4	44.0
141	14.3	11.1	16.7

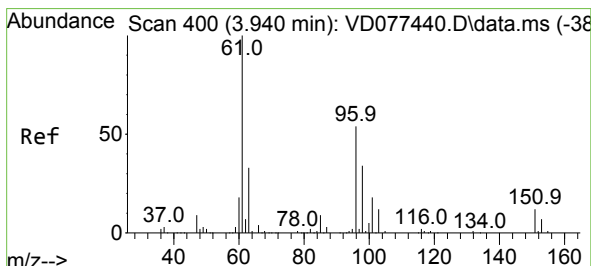
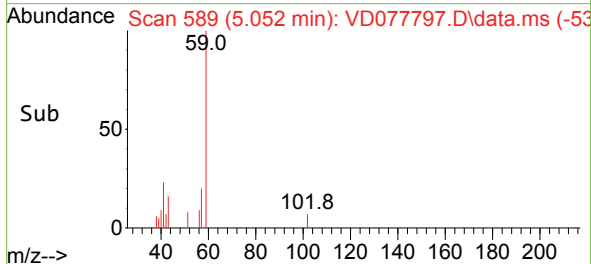
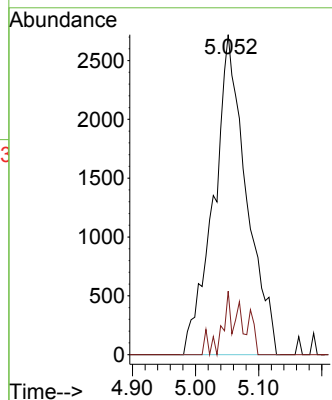
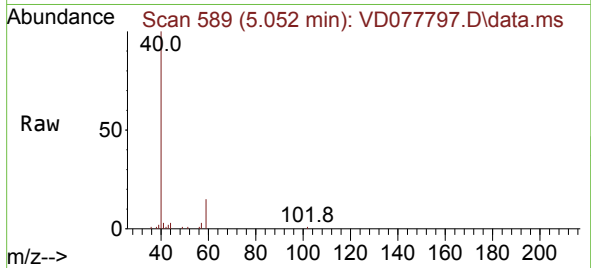




#11
Tert butyl alcohol
Concen: 115.873 ug/l
RT: 5.052 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD077797.D
Acq: 08 Dec 2023 18:04

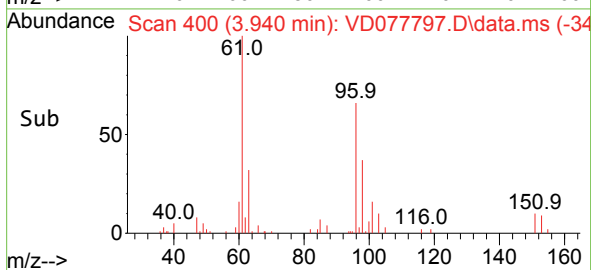
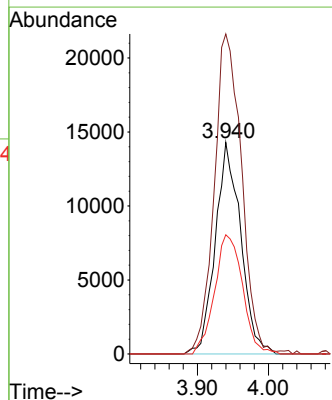
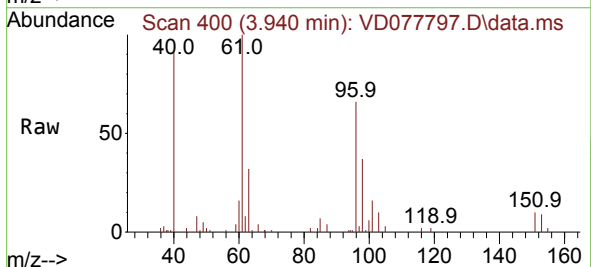
Instrument :
MSVOA_D
ClientSampleId :
VD1208SBS01

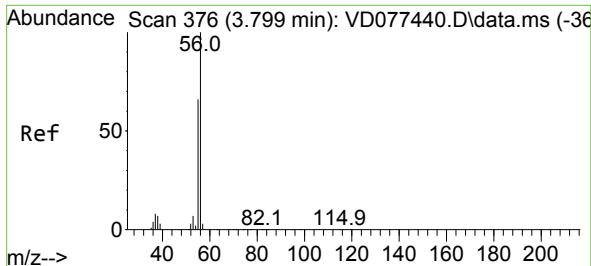
Tgt Ion: 59 Resp: 9797
Ion Ratio Lower Upper
59 100
57 5.2 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 20.822 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.000 min
Lab File: VD077797.D
Acq: 08 Dec 2023 18:04

Tgt Ion: 96 Resp: 35442
Ion Ratio Lower Upper
96 100
61 151.3 100.6 150.8#
98 56.4 50.2 75.2





#13

Acrolein

Concen: 103.659 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD077797.D

Acq: 08 Dec 2023 18:04

Instrument :

MSVOA_D

ClientSampleId :

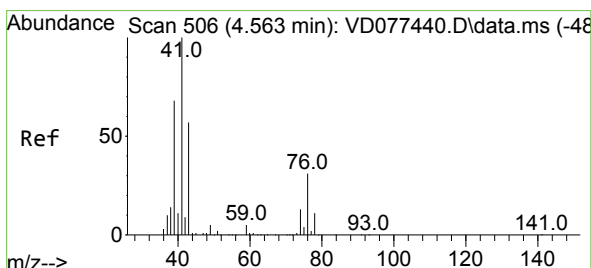
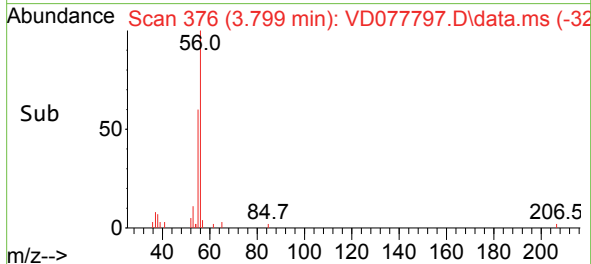
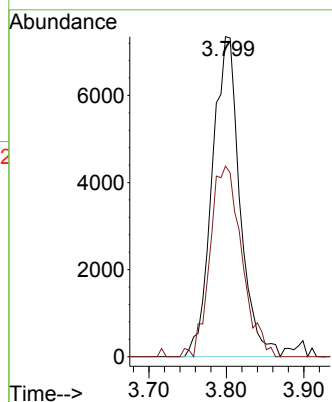
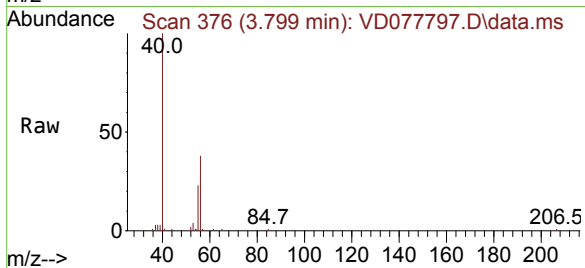
VD1208SBSD01

Tgt Ion: 56 Resp: 18297

Ion Ratio Lower Upper

56 100

55 68.1 55.1 82.7



#14

Allyl chloride

Concen: 21.411 ug/l

RT: 4.563 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD077797.D

Acq: 08 Dec 2023 18:04

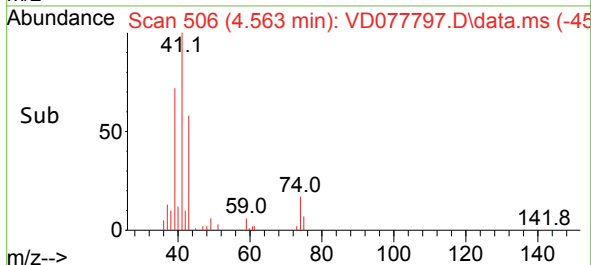
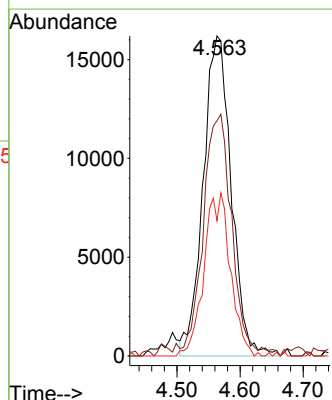
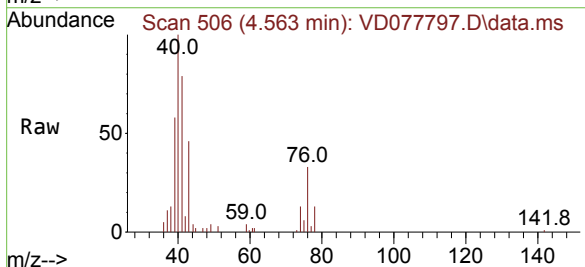
Tgt Ion: 41 Resp: 50125

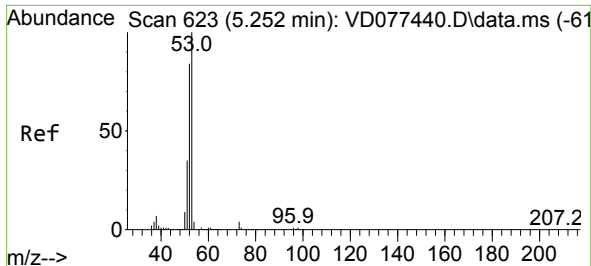
Ion Ratio Lower Upper

41 100

39 77.5 53.8 80.6

76 47.8 45.8 68.8

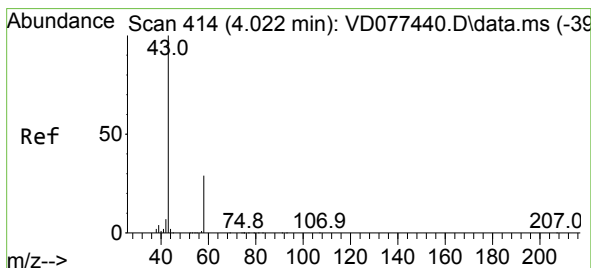
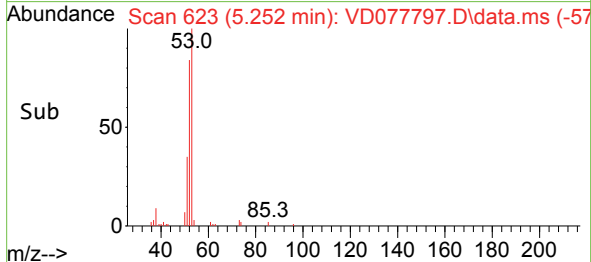
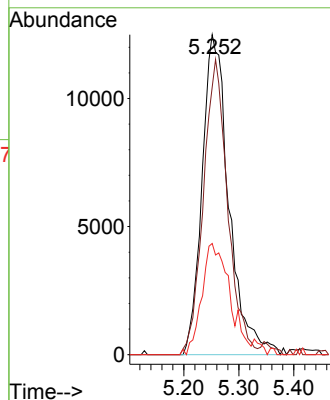
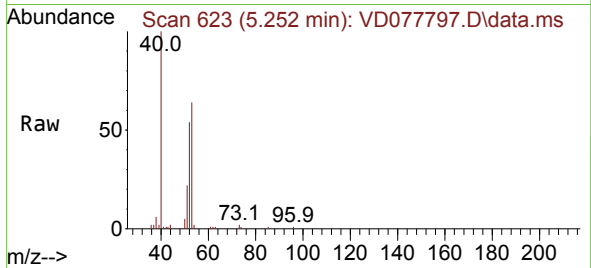




#15
Acrylonitrile
Concen: 116.536 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD077797.D
Acq: 08 Dec 2023 18:04

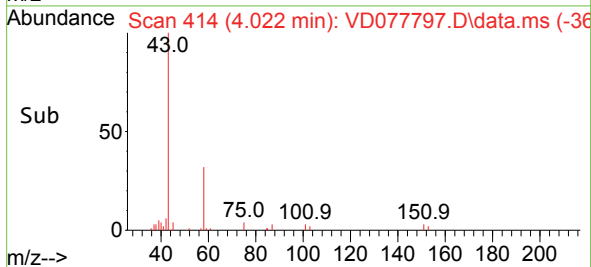
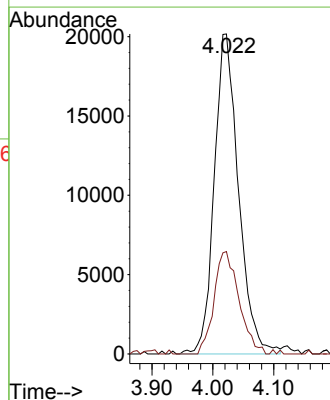
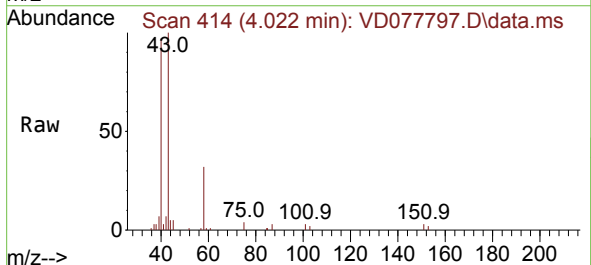
Instrument :
MSVOA_D
ClientSampleId :
VD1208SBSD01

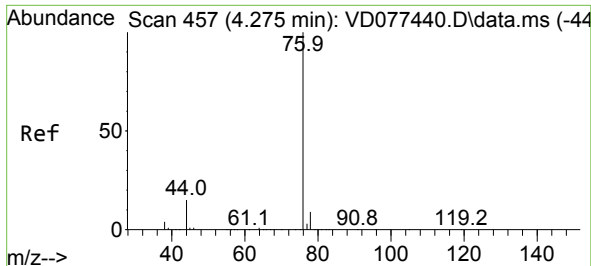
Tgt Ion:	53	Resp:	42238
Ion	Ratio	Lower	Upper
53	100		
52	83.8	65.0	97.4
51	36.2	28.3	42.5



#16
Acetone
Concen: 140.983 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077797.D
Acq: 08 Dec 2023 18:04

Tgt Ion:	43	Resp:	55804
Ion	Ratio	Lower	Upper
43	100		
58	32.0	34.7	52.1#





#17

Carbon Disulfide

Concen: 20.845 ug/l

RT: 4.269 min Scan# 456

Delta R.T. -0.006 min

Lab File: VD077797.D

Acq: 08 Dec 2023 18:04

Instrument :

MSVOA_D

ClientSampleId :

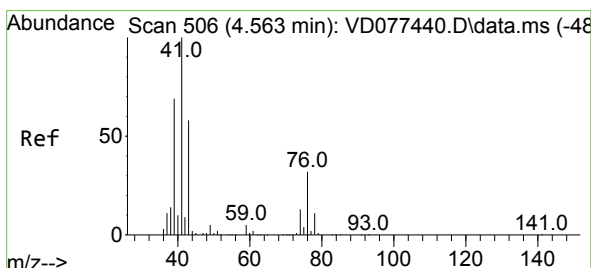
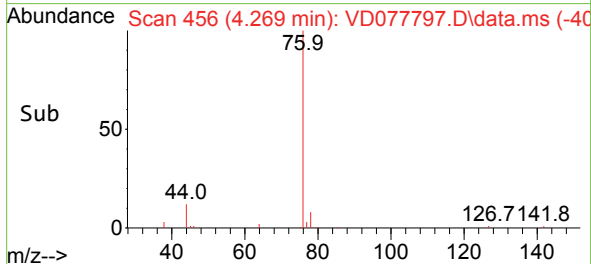
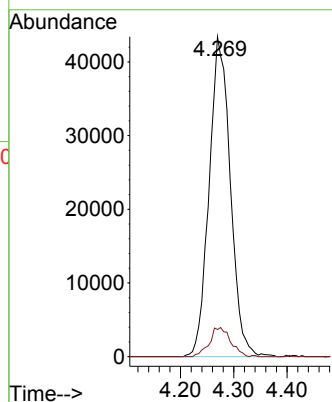
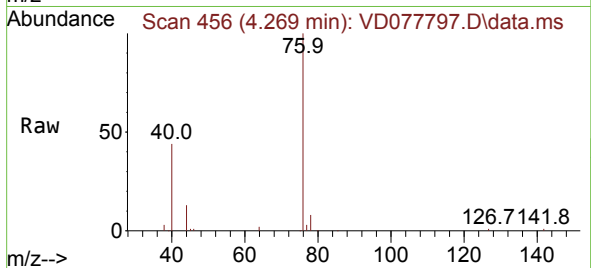
VD1208SBS01

Tgt Ion: 76 Resp: 120044

Ion Ratio Lower Upper

76 100

78 8.5 6.8 10.2



#18

Methyl Acetate

Concen: 22.138 ug/l

RT: 4.563 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD077797.D

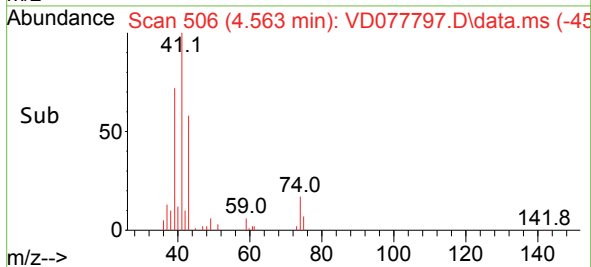
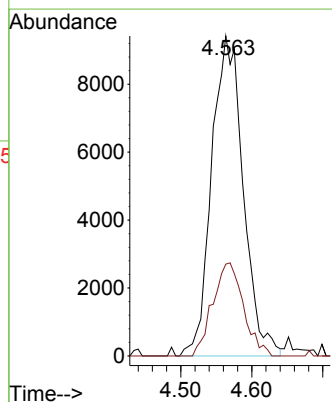
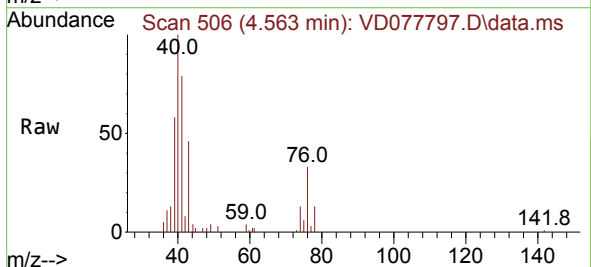
Acq: 08 Dec 2023 18:04

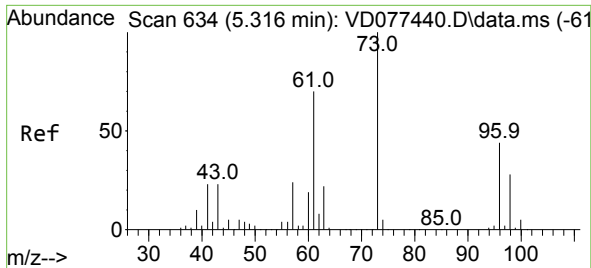
Tgt Ion: 43 Resp: 29093

Ion Ratio Lower Upper

43 100

74 28.3 26.4 39.6

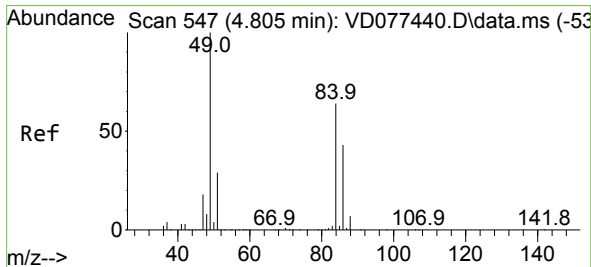
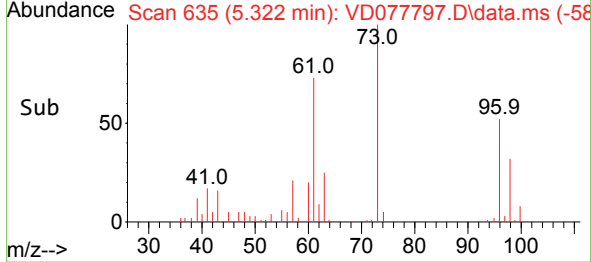
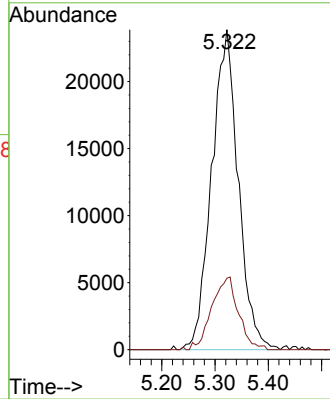
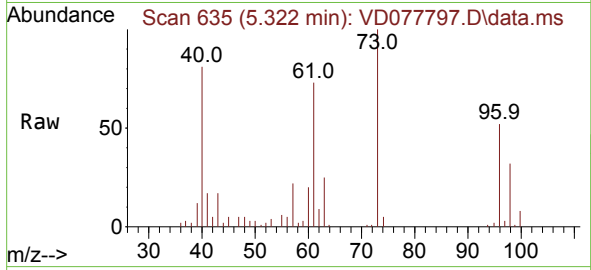




#19
Methyl tert-butyl Ether
Concen: 22.850 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077797.D
Acq: 08 Dec 2023 18:04

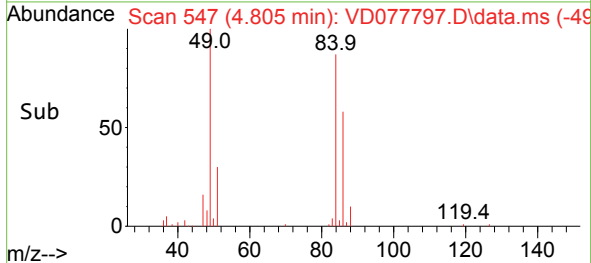
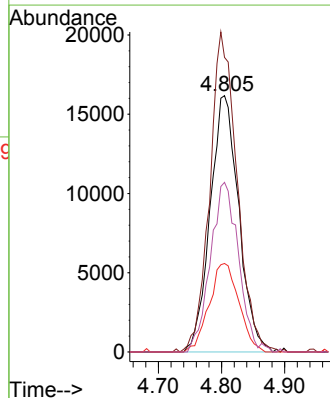
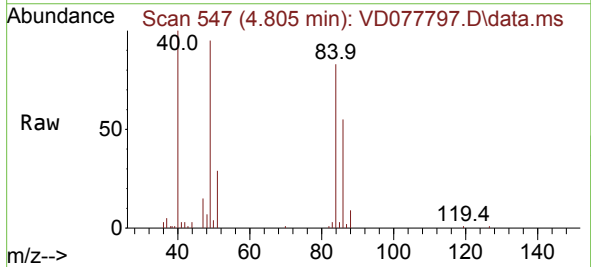
Instrument :
MSVOA_D
ClientSampleId :
VD1208SBS01

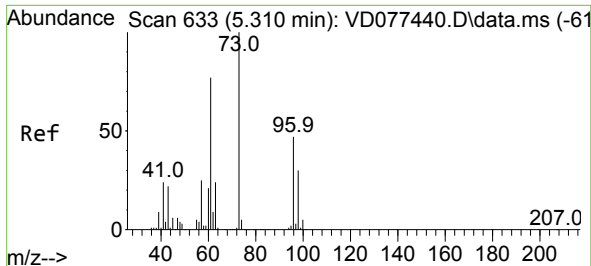
Tgt Ion: 73 Resp: 82520
Ion Ratio Lower Upper
73 100
57 22.3 16.6 25.0



#20
Methylene Chloride
Concen: 23.230 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD077797.D
Acq: 08 Dec 2023 18:04

Tgt Ion: 84 Resp: 51030
Ion Ratio Lower Upper
84 100
49 114.9 71.4 107.2#
51 34.5 24.5 36.7
86 66.2 48.7 73.1

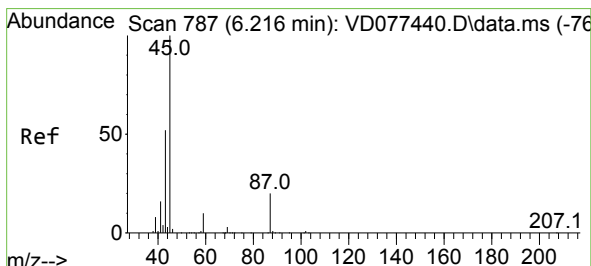
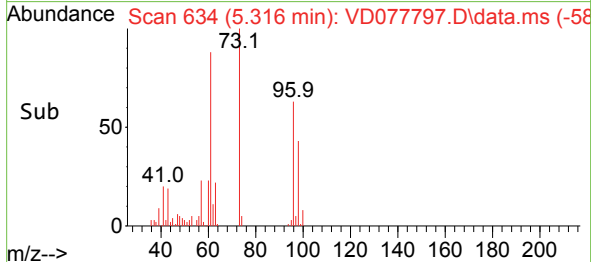
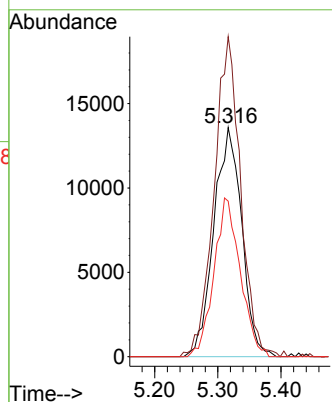
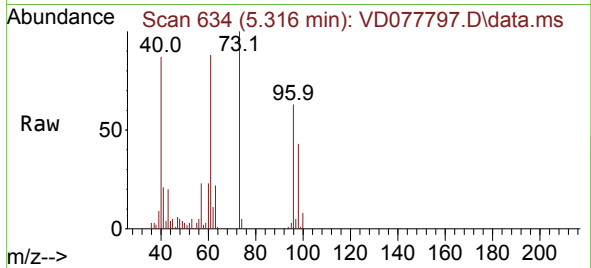




#21
trans-1,2-Dichloroethene
Concen: 21.605 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077797.D
Acq: 08 Dec 2023 18:04

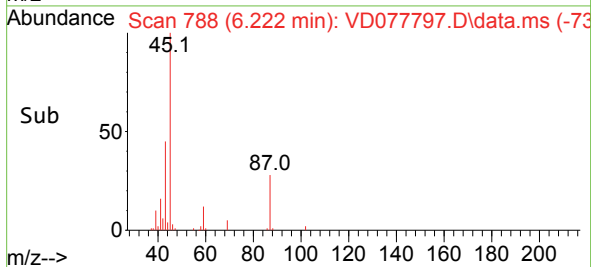
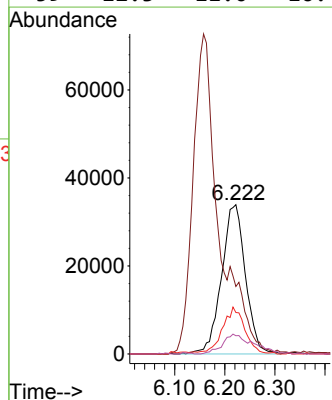
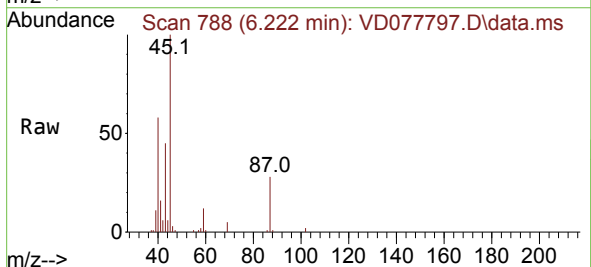
Instrument :
MSVOA_D
ClientSampleId :
VD1208SBSD01

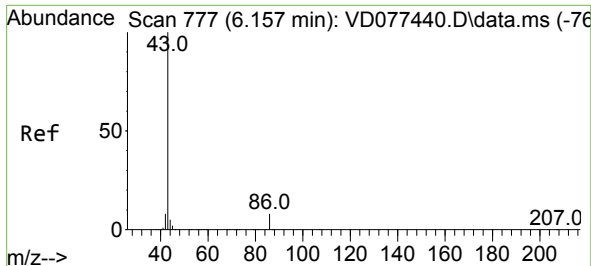
Tgt Ion: 96 Resp: 41655
Ion Ratio Lower Upper
96 100
61 139.7 89.3 133.9#
98 67.9 48.6 73.0



#22
Diisopropyl ether
Concen: 22.988 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD077797.D
Acq: 08 Dec 2023 18:04

Tgt Ion: 45 Resp: 112461
Ion Ratio Lower Upper
45 100
43 43.8 40.0 60.0
87 27.8 28.2 42.4#
59 12.3 11.0 16.4

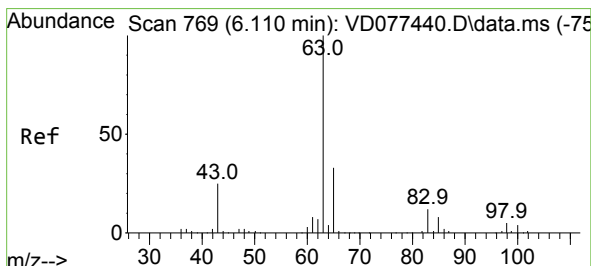
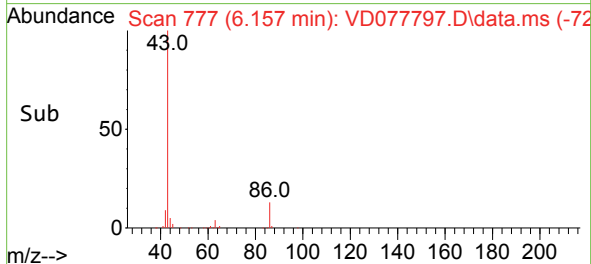
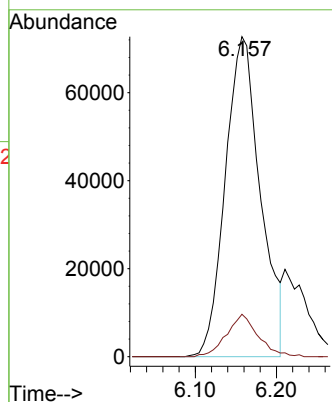
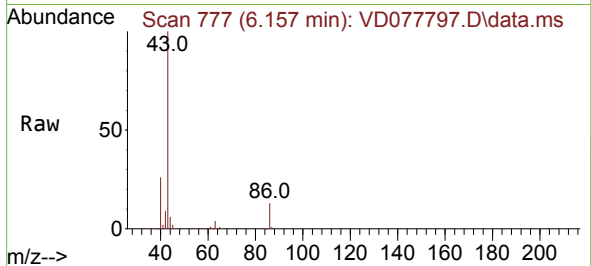




#23
 Vinyl Acetate
 Concen: 91.589 ug/l
 RT: 6.157 min Scan# 711
 Delta R.T. 0.000 min
 Lab File: VD077797.D
 Acq: 08 Dec 2023 18:04

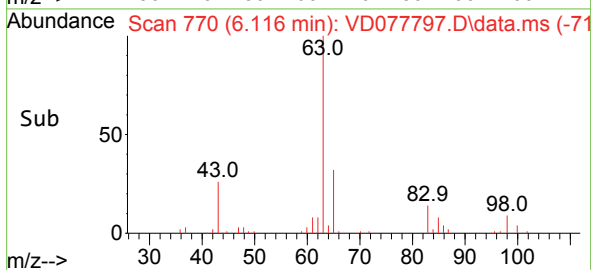
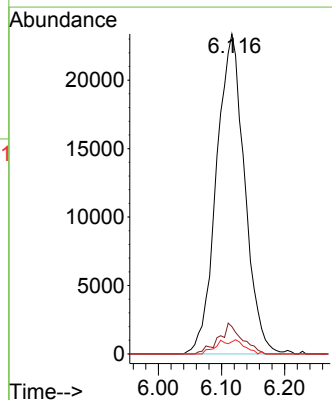
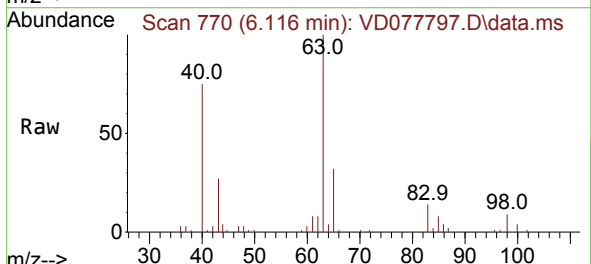
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1208SBS01

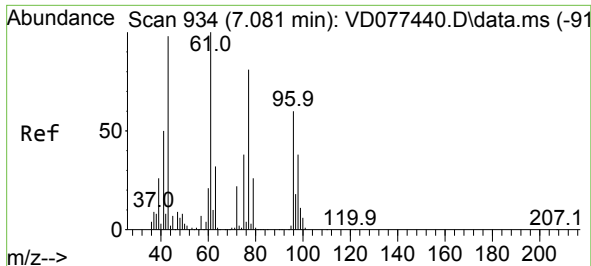
Tgt Ion: 43 Resp: 218811
 Ion Ratio Lower Upper
 43 100
 86 13.2 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 21.818 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD077797.D
 Acq: 08 Dec 2023 18:04

Tgt Ion: 63 Resp: 72282
 Ion Ratio Lower Upper
 63 100
 98 8.6 4.5 13.7
 100 3.8 2.5 7.5

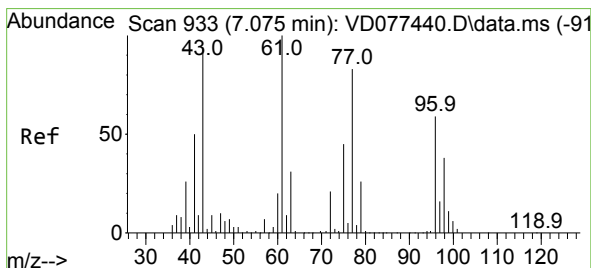
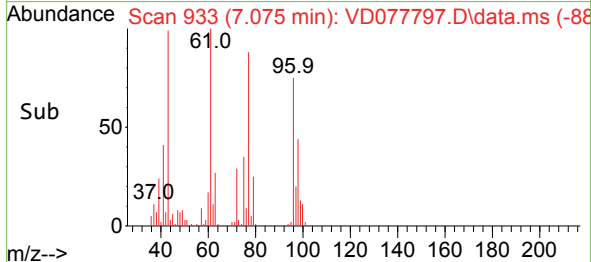
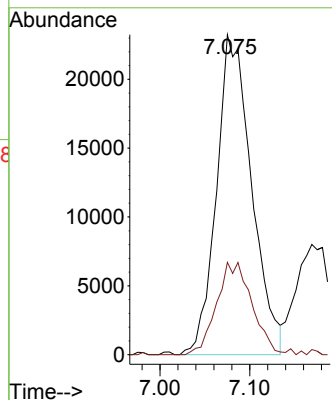
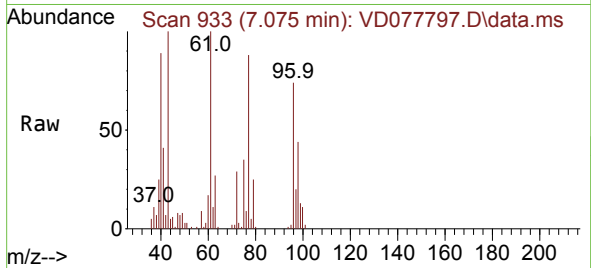




#25
2-Butanone
Concen: 130.456 ug/l
RT: 7.075 min Scan# 913
Delta R.T. -0.006 min
Lab File: VD077797.D
Acq: 08 Dec 2023 18:04

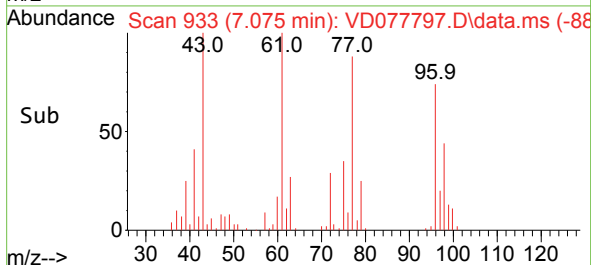
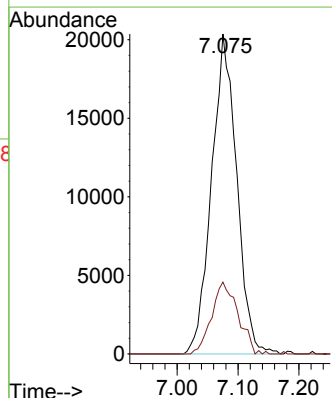
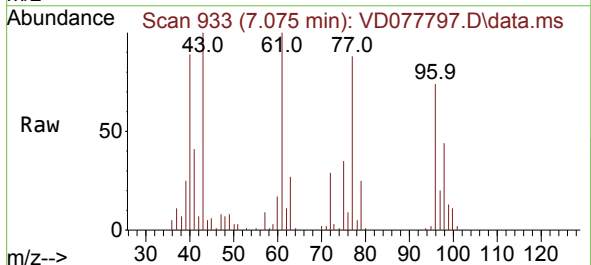
Instrument :
MSVOA_D
ClientSampleId :
VD1208SBSD01

Tgt Ion: 43 Resp: 63132
Ion Ratio Lower Upper
43 100
72 28.9 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 20.968 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD077797.D
Acq: 08 Dec 2023 18:04

Tgt Ion: 77 Resp: 58325
Ion Ratio Lower Upper
77 100
97 23.6 13.2 39.6

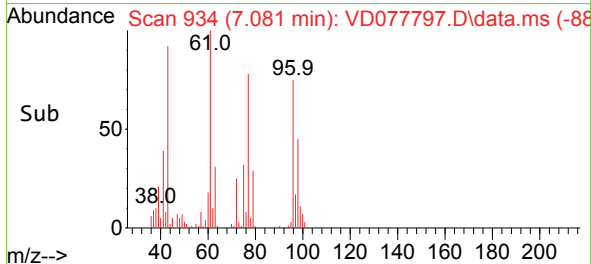
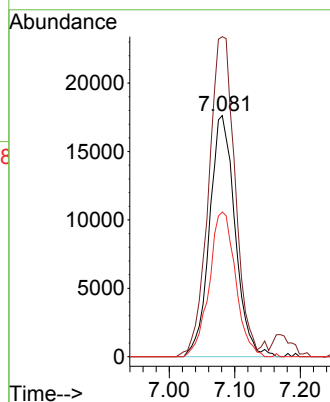
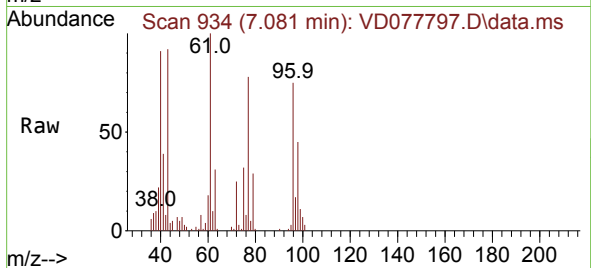




#27
 cis-1,2-Dichloroethene
 Concen: 22.928 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD077797.D
 Acq: 08 Dec 2023 18:04

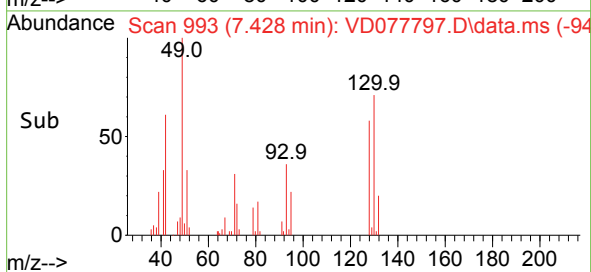
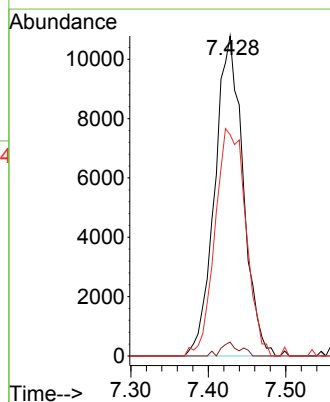
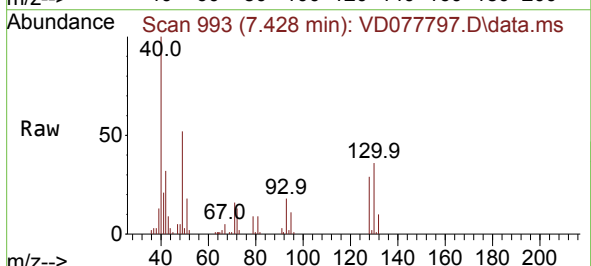
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1208SBSD01

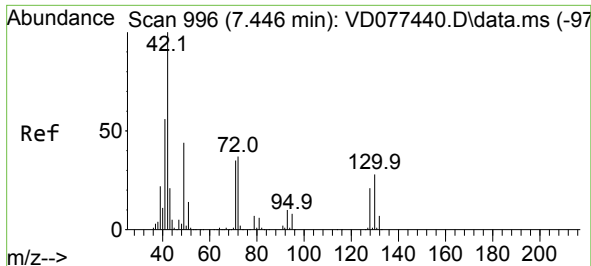
Tgt Ion:	96	Resp:	47565
Ion	Ratio	Lower	Upper
96	100		
61	138.2	0.0	239.2
98	61.7	0.0	128.6



#28
 Bromochloromethane
 Concen: 20.408 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD077797.D
 Acq: 08 Dec 2023 18:04

Tgt Ion:	49	Resp:	27320
Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	6.0
130	77.6	83.2	124.8#

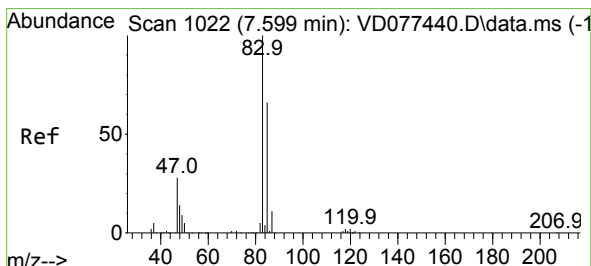
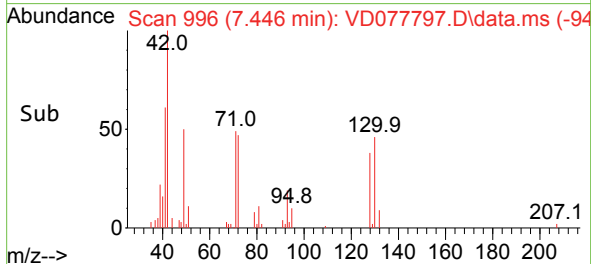
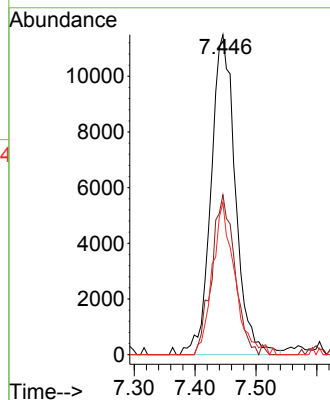
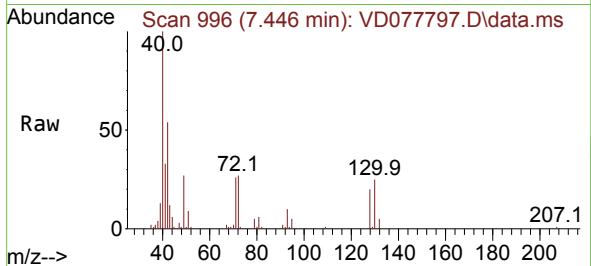




#29
Tetrahydrofuran
Concen: 120.098 ug/l
RT: 7.446 min Scan# 996
Delta R.T. -0.000 min
Lab File: VD077797.D
Acq: 08 Dec 2023 18:04

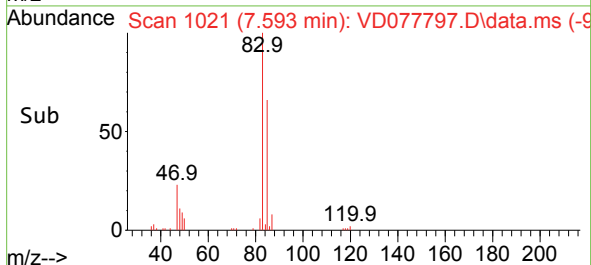
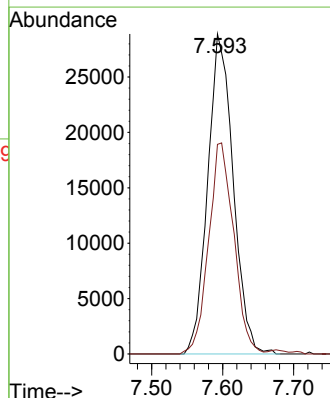
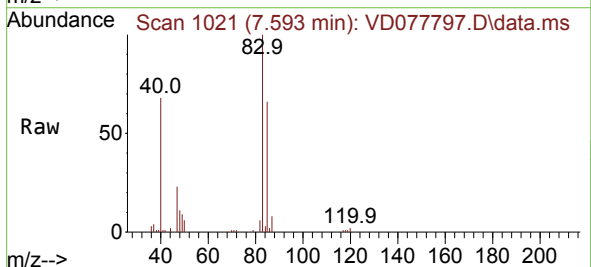
Instrument :
MSVOA_D
ClientSampleId :
VD1208SBSD01

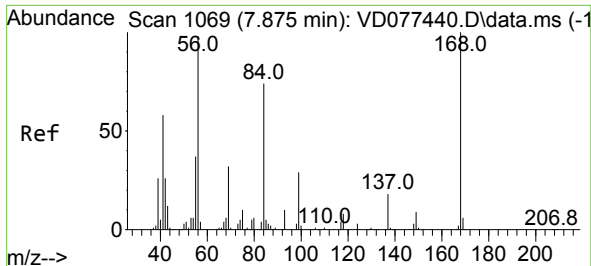
Tgt Ion: 42 Resp: 31912
Ion Ratio Lower Upper
42 100
72 47.0 46.5 69.7
71 43.8 44.5 66.7#



#30
Chloroform
Concen: 21.724 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VD077797.D
Acq: 08 Dec 2023 18:04

Tgt Ion: 83 Resp: 72032
Ion Ratio Lower Upper
83 100
85 65.5 53.4 80.2

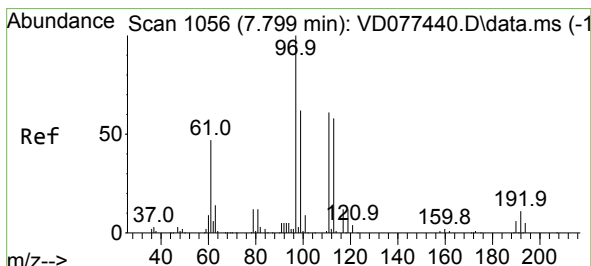
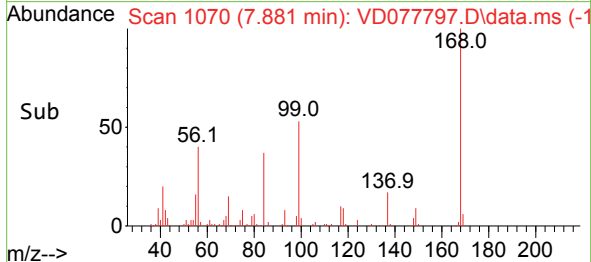
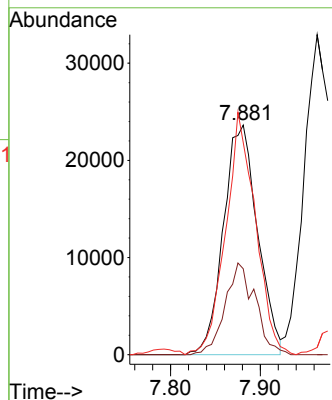
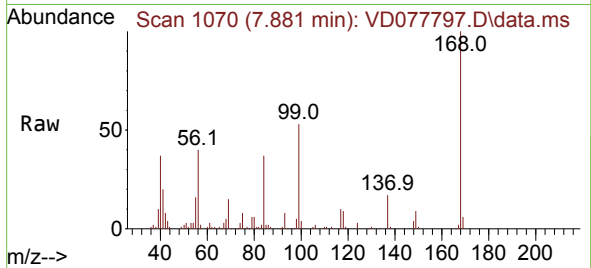




#31
Cyclohexane
Concen: 21.051 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD077797.D
Acq: 08 Dec 2023 18:04

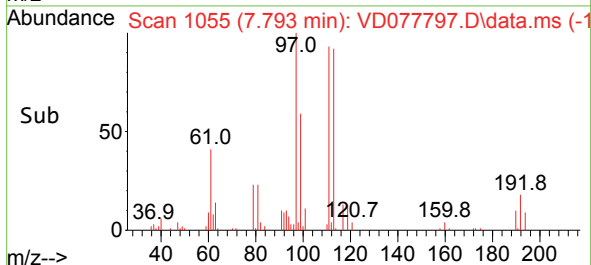
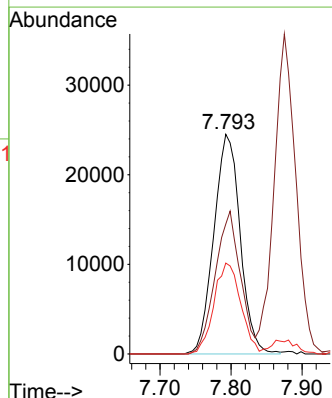
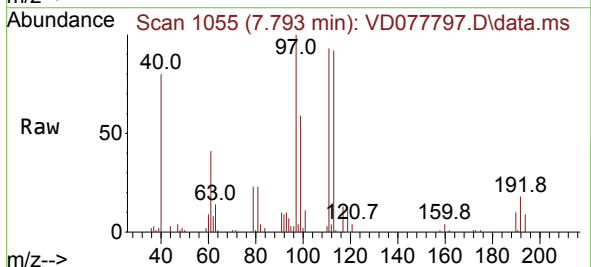
Instrument :
MSVOA_D
ClientSampleId :
VD1208SBSD01

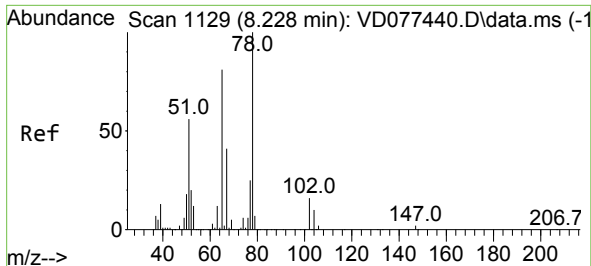
Tgt Ion: 56 Resp: 62478
Ion Ratio Lower Upper
56 100
69 37.4 28.6 43.0
84 90.8 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 21.594 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD077797.D
Acq: 08 Dec 2023 18:04

Tgt Ion: 97 Resp: 63119
Ion Ratio Lower Upper
97 100
99 62.3 52.0 78.0
61 42.4 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 51.767 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD077797.D

Acq: 08 Dec 2023 18:04

Instrument :

MSVOA_D

ClientSampleId :

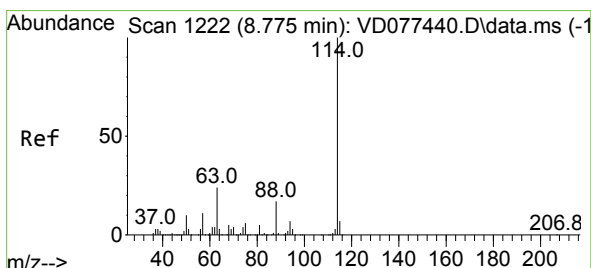
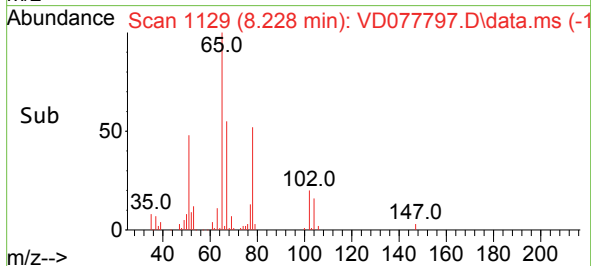
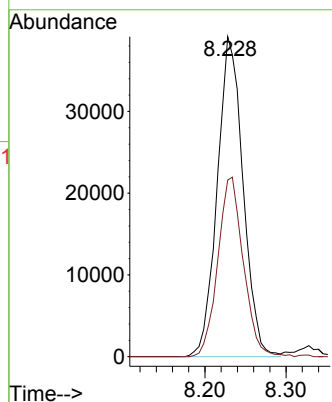
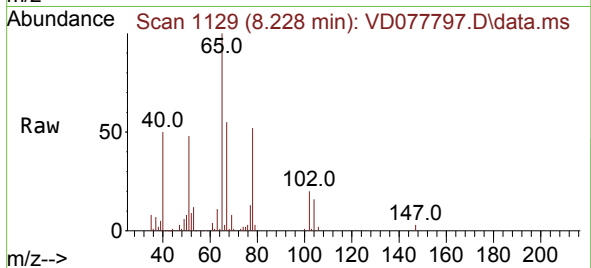
VD1208SBS01

Tgt Ion: 65 Resp: 86381

Ion Ratio Lower Upper

65 100

67 55.6 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: VD077797.D

Acq: 08 Dec 2023 18:04

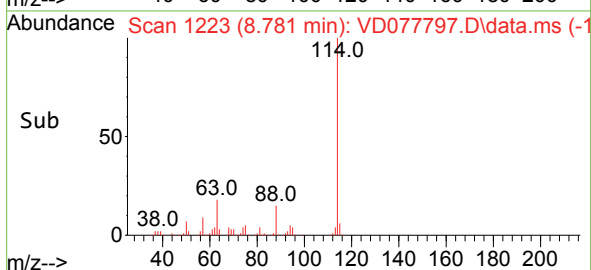
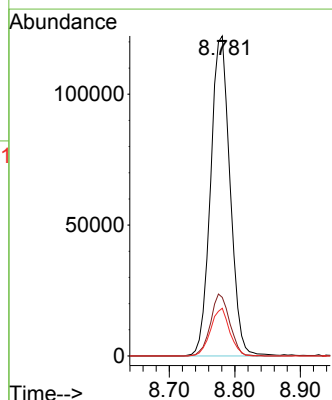
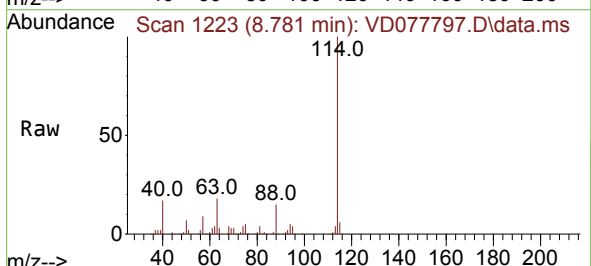
Tgt Ion: 114 Resp: 251751

Ion Ratio Lower Upper

114 100

63 18.3 0.0 33.4

88 14.9 0.0 26.2

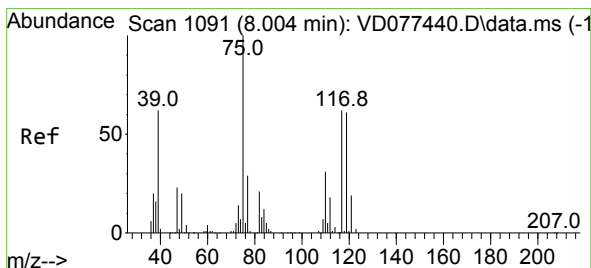
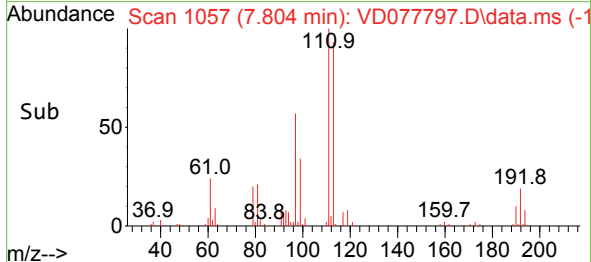
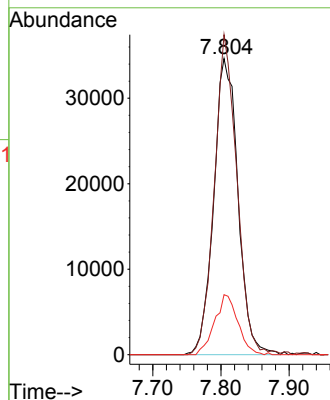
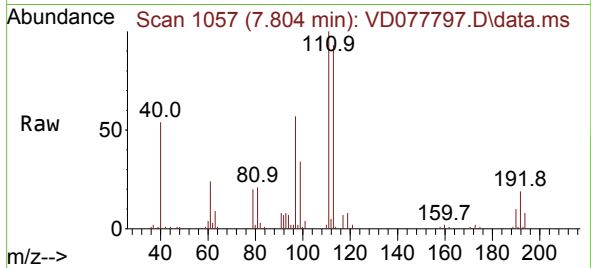




#35
Dibromofluoromethane
Concen: 48.690 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077797.D
Acq: 08 Dec 2023 18:04

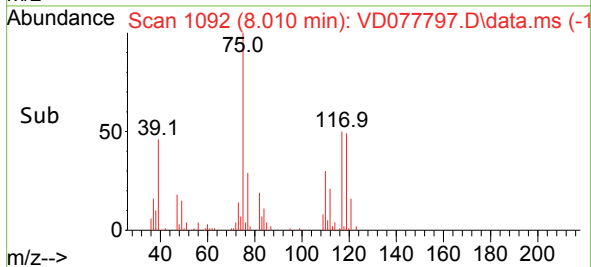
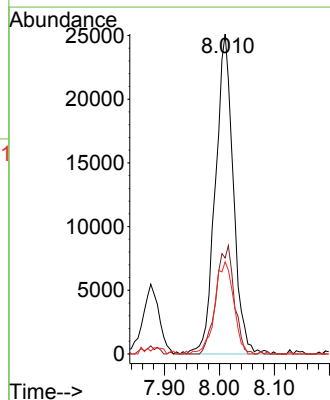
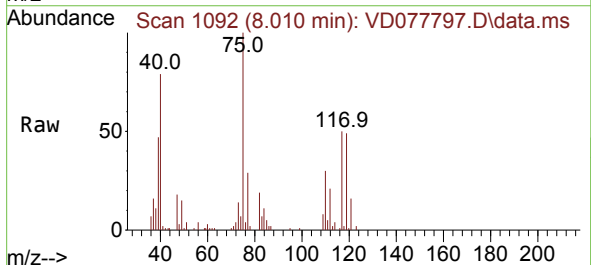
Instrument :
MSVOA_D
ClientSampleId :
VD1208SBSD01

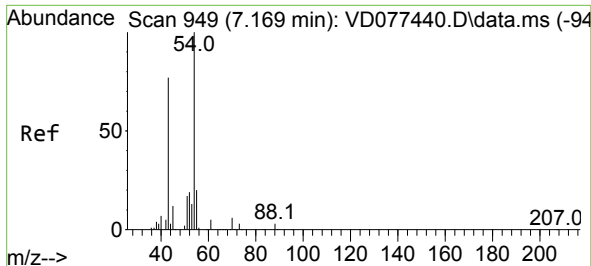
Tgt Ion:113 Resp: 85861
Ion Ratio Lower Upper
113 100
111 100.7 84.7 127.1
192 19.3 16.8 25.2



#36
1,1-Dichloropropene
Concen: 20.139 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VD077797.D
Acq: 08 Dec 2023 18:04

Tgt Ion: 75 Resp: 56806
Ion Ratio Lower Upper
75 100
110 34.1 19.9 59.6
77 30.5 24.7 37.1





#37

Ethyl Acetate

Concen: 19.476 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD077797.D

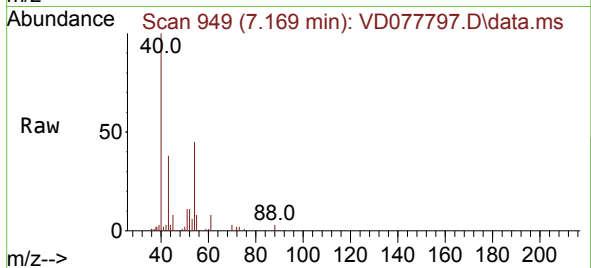
Acq: 08 Dec 2023 18:04

Instrument :

MSVOA_D

ClientSampleId :

VD1208SBSD01



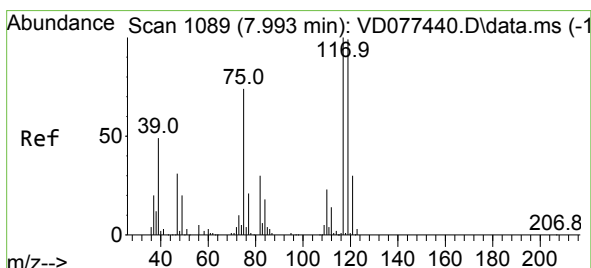
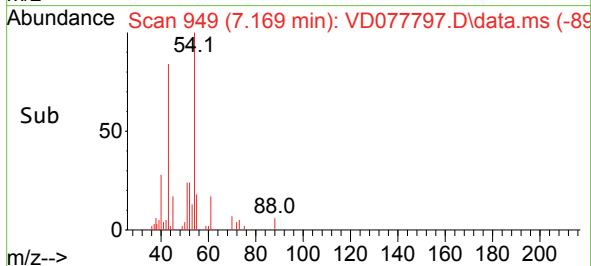
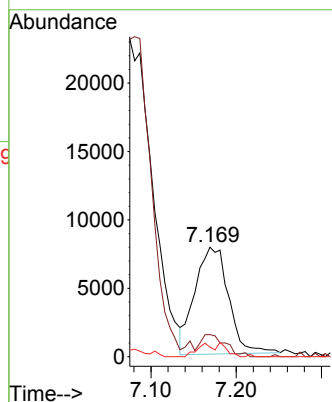
Tgt Ion: 43 Resp: 21421

Ion Ratio Lower Upper

43 100

61 15.4 14.9 22.3

70 5.9 10.0 15.0#



#38

Carbon Tetrachloride

Concen: 19.785 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD077797.D

Acq: 08 Dec 2023 18:04

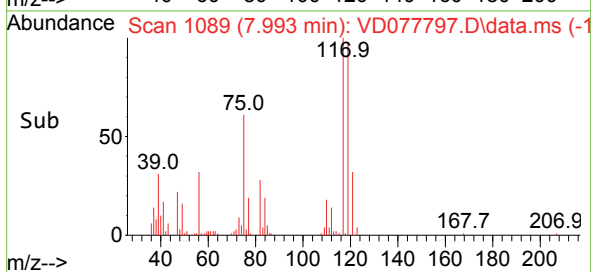
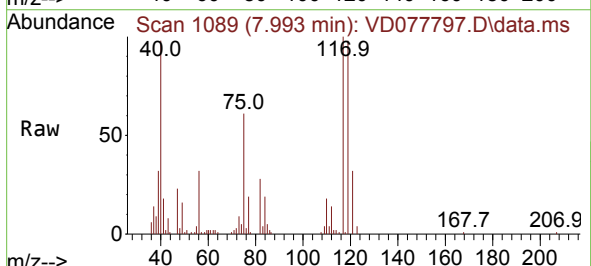
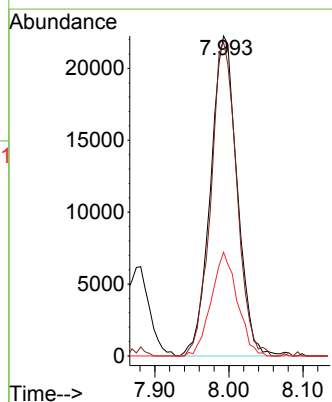
Tgt Ion: 117 Resp: 55637

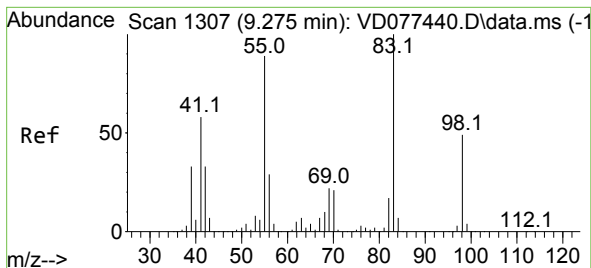
Ion Ratio Lower Upper

117 100

119 98.1 78.0 117.0

121 32.4 24.2 36.2





#39

Methylcyclohexane

Concen: 19.393 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD077797.D

Acq: 08 Dec 2023 18:04

Instrument :

MSVOA_D

ClientSampleId :

VD1208SBSD01

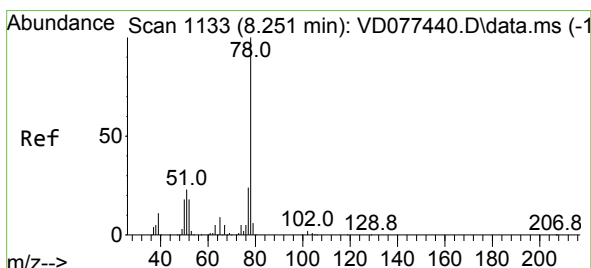
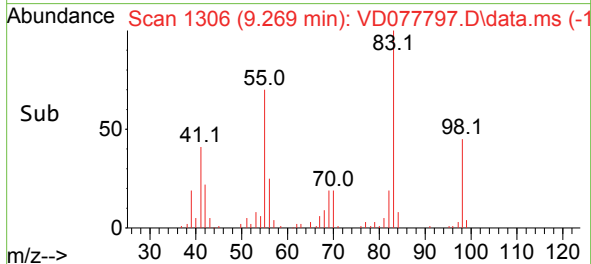
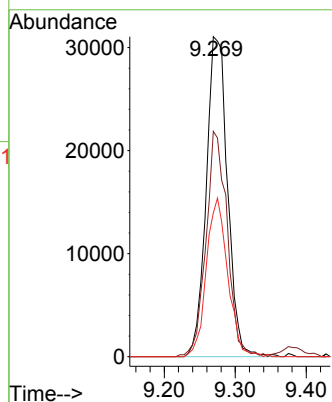
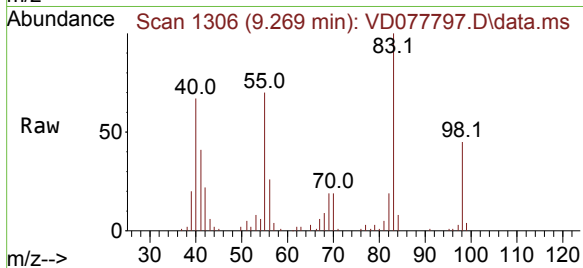
Tgt Ion: 83 Resp: 64847

Ion Ratio Lower Upper

83 100

55 69.8 49.4 74.0

98 44.9 38.4 57.6



#40

Benzene

Concen: 20.661 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD077797.D

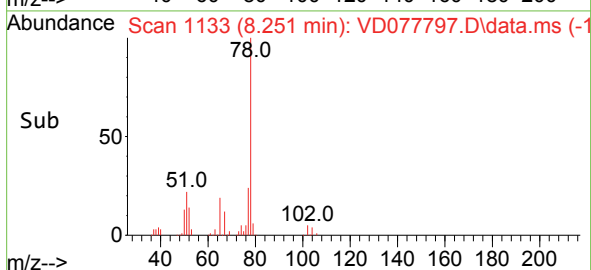
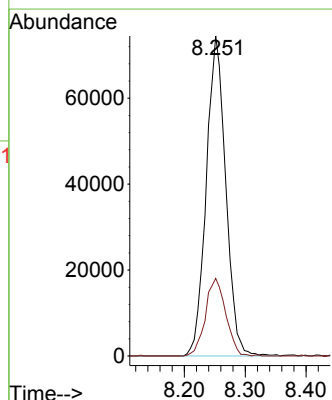
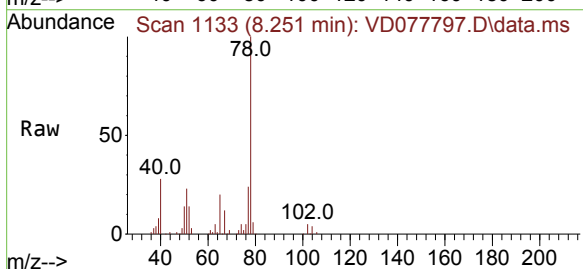
Acq: 08 Dec 2023 18:04

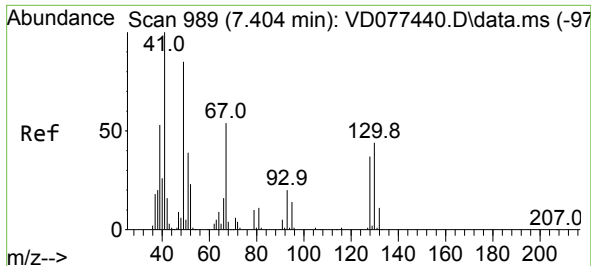
Tgt Ion: 78 Resp: 165405

Ion Ratio Lower Upper

78 100

77 24.2 19.4 29.0

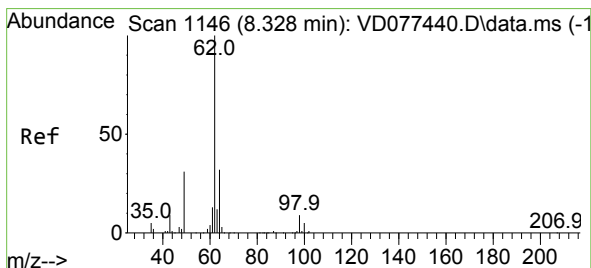
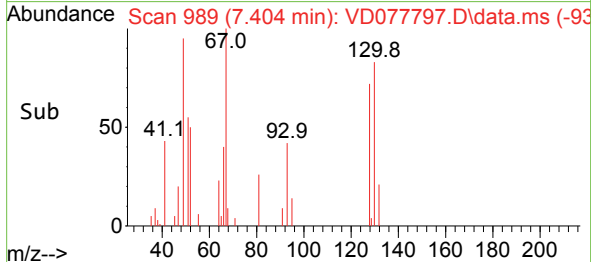
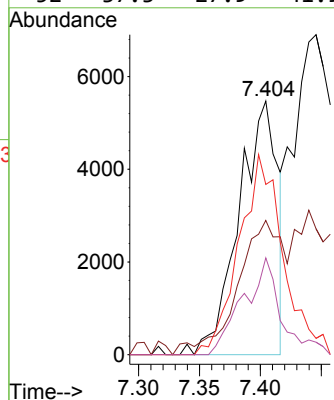
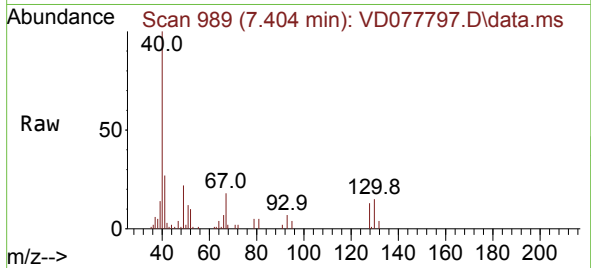




#41
Methacrylonitrile
Concen: 21.765 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077797.D
Acq: 08 Dec 2023 18:04

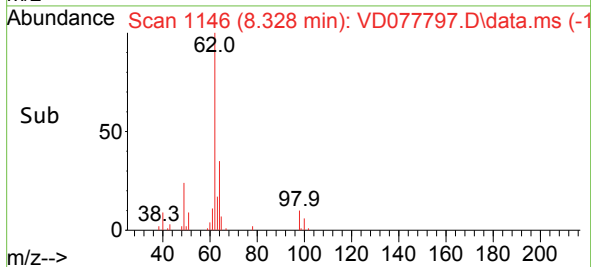
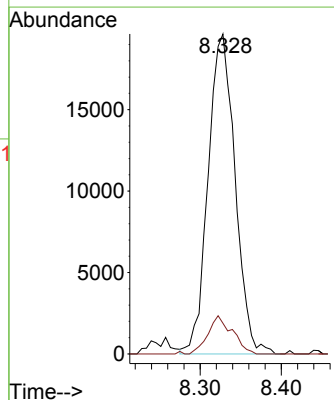
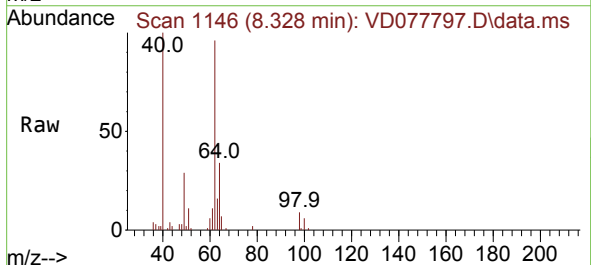
Instrument :
MSVOA_D
ClientSampleId :
VD1208SBSD01

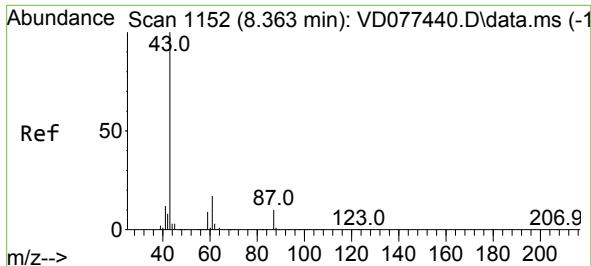
Tgt Ion: 41 Resp: 12167
Ion Ratio Lower Upper
41 100
39 62.8 34.0 51.0#
67 88.9 77.0 115.4
52 37.3 27.9 41.9



#42
1,2-Dichloroethane
Concen: 21.890 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD077797.D
Acq: 08 Dec 2023 18:04

Tgt Ion: 62 Resp: 45426
Ion Ratio Lower Upper
62 100
98 10.8 0.0 25.4

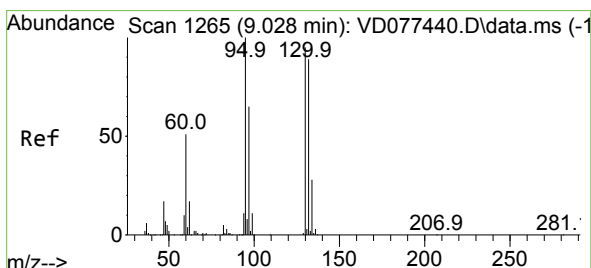
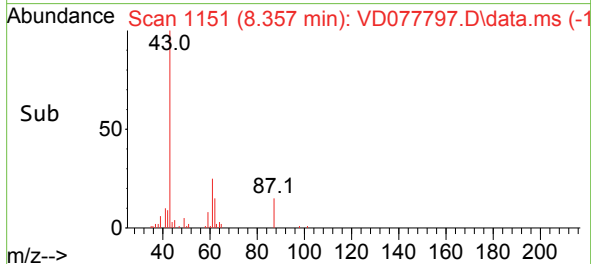
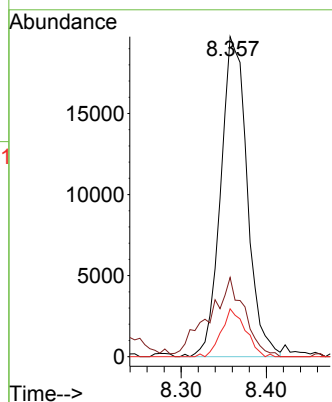
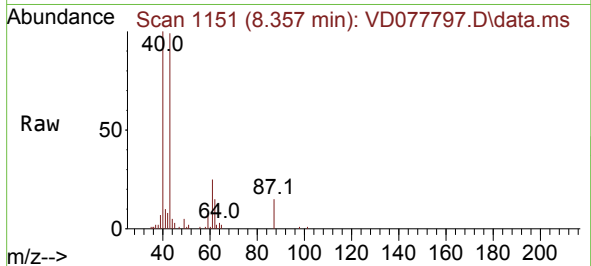




#43
Isopropyl Acetate
Concen: 21.810 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD077797.D
Acq: 08 Dec 2023 18:04

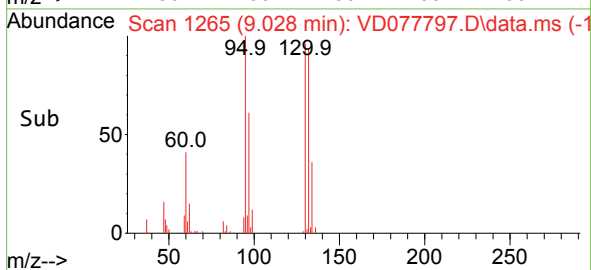
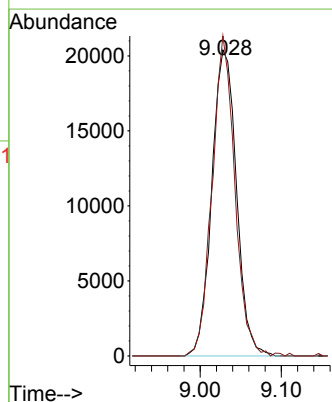
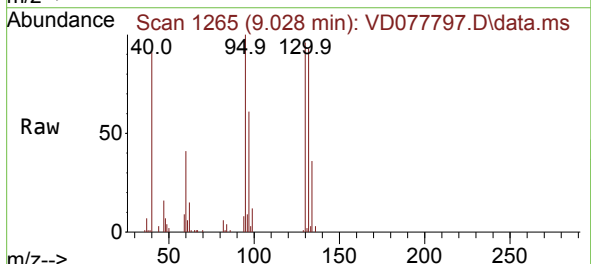
Instrument :
MSVOA_D
ClientSampleId :
VD1208SBSD01

Tgt Ion: 43 Resp: 42641
Ion Ratio Lower Upper
43 100
61 33.6 31.4 47.0
87 13.6 14.9 22.3#



#44
Trichloroethene
Concen: 20.626 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD077797.D
Acq: 08 Dec 2023 18:04

Tgt Ion:130 Resp: 43031
Ion Ratio Lower Upper
130 100
95 104.6 0.0 179.2





#45

1,2-Dichloropropane

Concen: 21.229 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077797.D

Acq: 08 Dec 2023 18:04

Instrument :

MSVOA_D

ClientSampleId :

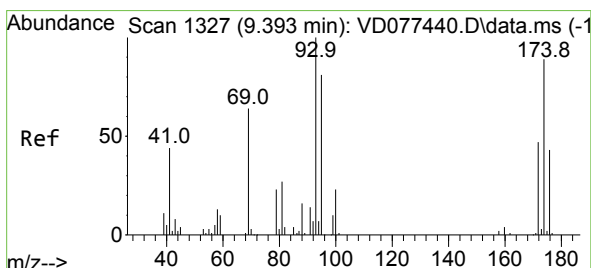
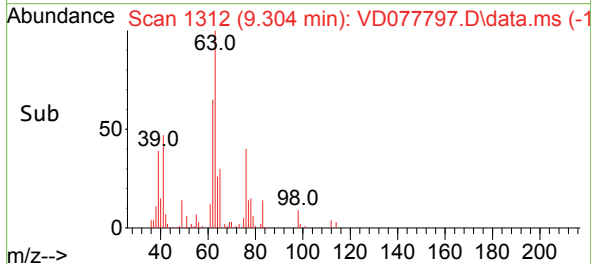
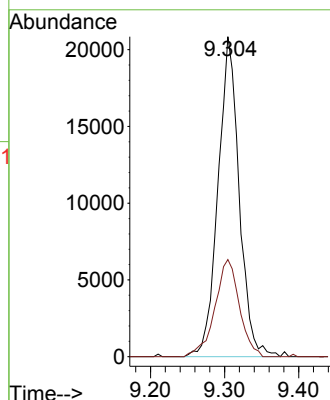
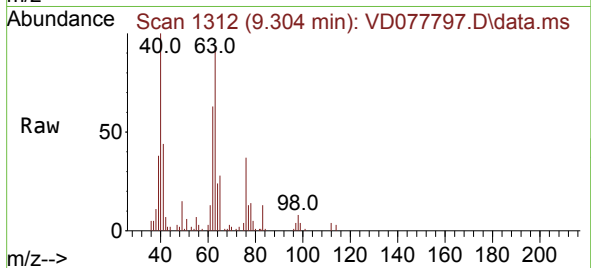
VD1208SBS01

Tgt Ion: 63 Resp: 41315

Ion Ratio Lower Upper

63 100

65 30.4 24.5 36.7



#46

Dibromomethane

Concen: 21.995 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD077797.D

Acq: 08 Dec 2023 18:04

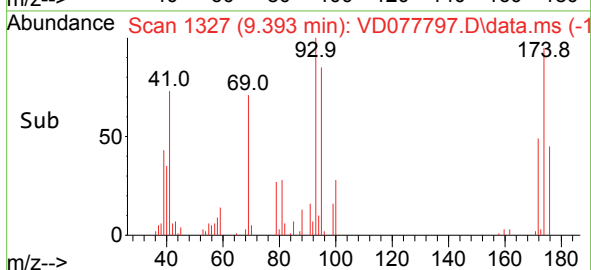
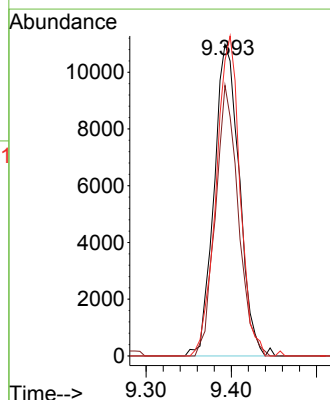
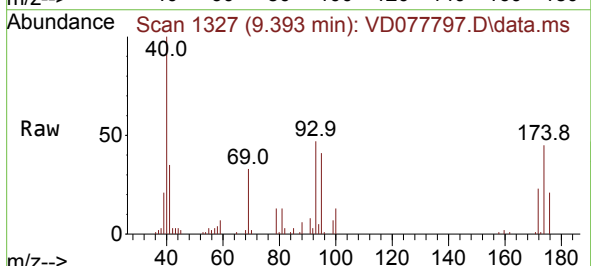
Tgt Ion: 93 Resp: 22649

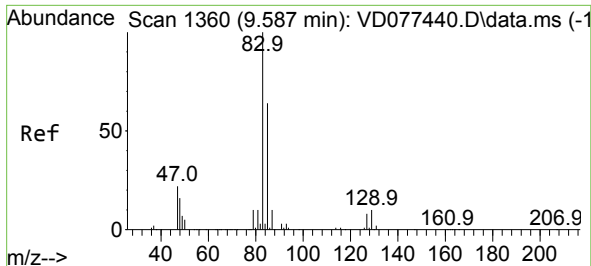
Ion Ratio Lower Upper

93 100

95 78.4 67.7 101.5

174 96.6 85.4 128.2

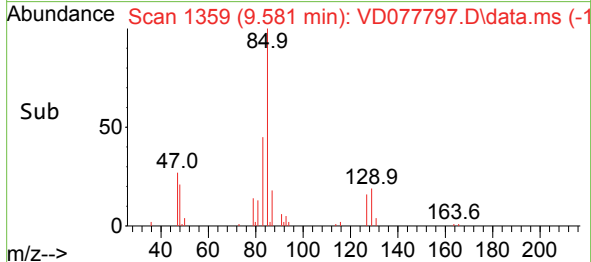
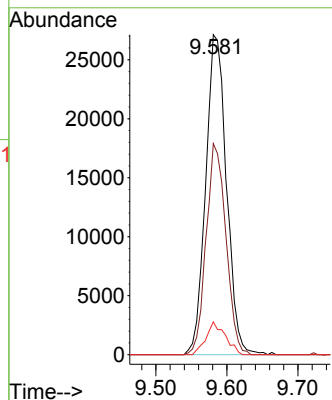
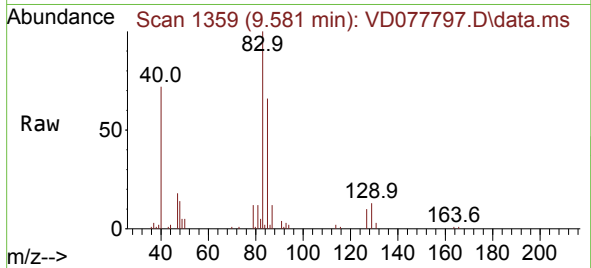




#47
Bromodichloromethane
Concen: 21.188 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD077797.D
Acq: 08 Dec 2023 18:04

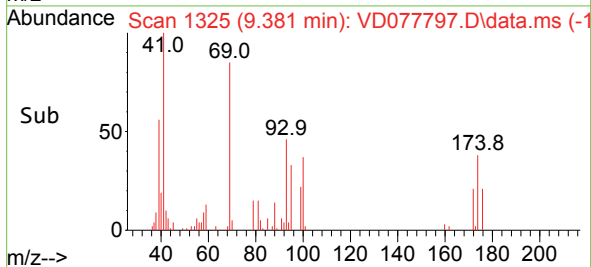
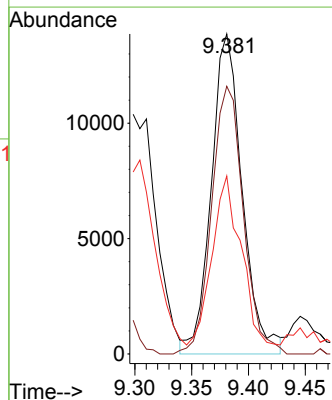
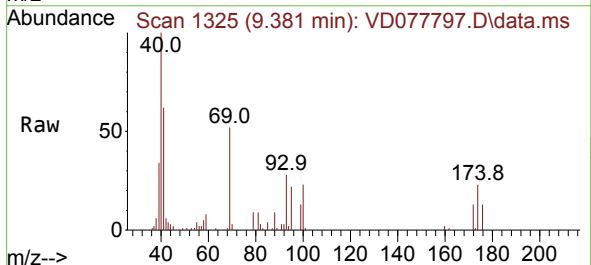
Instrument :
MSVOA_D
ClientSampleId :
VD1208SBSD01

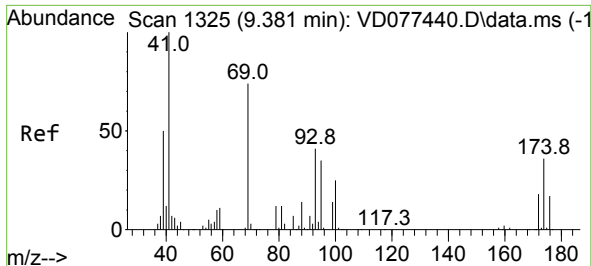
Tgt Ion: 83 Resp: 55303
Ion Ratio Lower Upper
83 100
85 65.9 50.2 75.4
127 10.3 6.3 9.5#



#48
Methyl methacrylate
Concen: 23.637 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD077797.D
Acq: 08 Dec 2023 18:04

Tgt Ion: 41 Resp: 26270
Ion Ratio Lower Upper
41 100
69 85.8 102.2 153.2#
39 49.5 41.4 62.2





#49

1,4-Dioxane

Concen: 395.010 ug/l

RT: 9.381 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD077797.D

Acq: 08 Dec 2023 18:04

Instrument :

MSVOA_D

ClientSampleId :

VD1208SBSD01

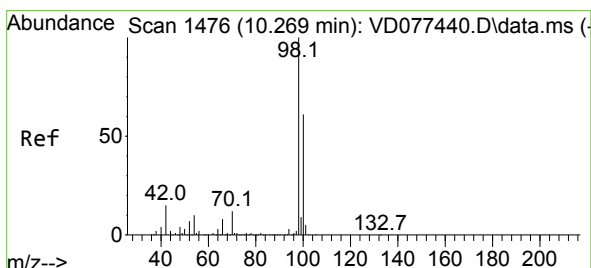
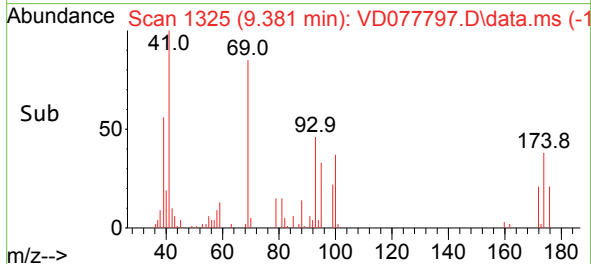
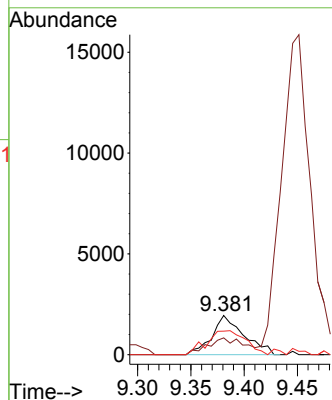
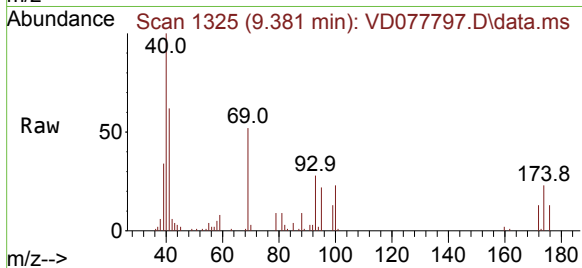
Tgt Ion: 88 Resp: 4039

Ion Ratio Lower Upper

88 100

43 48.4 19.0 28.6#

58 74.1 43.5 65.3#



#50

Toluene-d8

Concen: 48.172 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077797.D

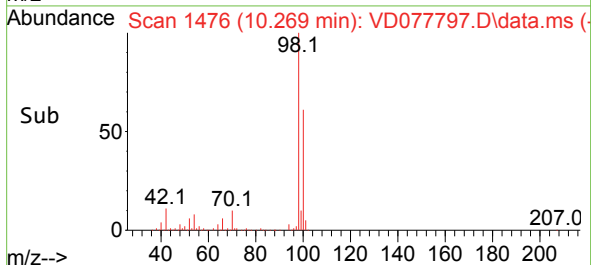
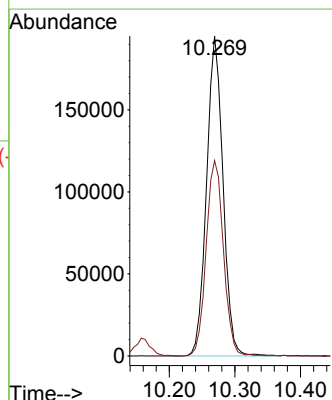
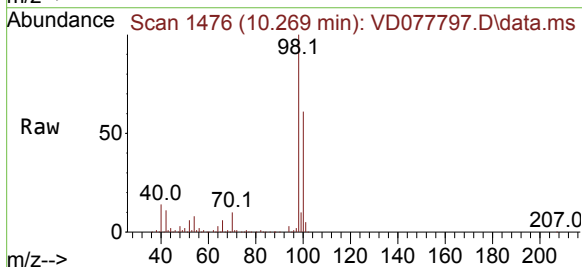
Acq: 08 Dec 2023 18:04

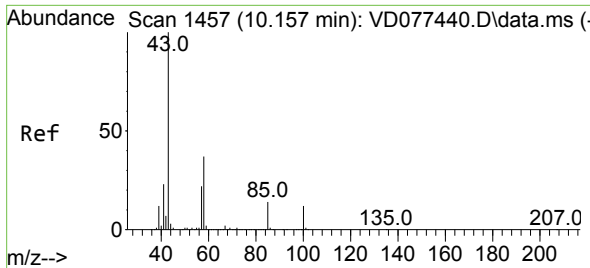
Tgt Ion: 98 Resp: 340225

Ion Ratio Lower Upper

98 100

100 64.3 50.3 75.5

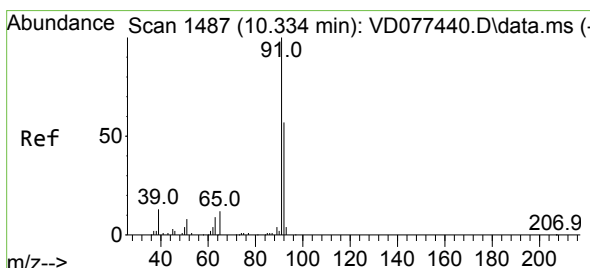
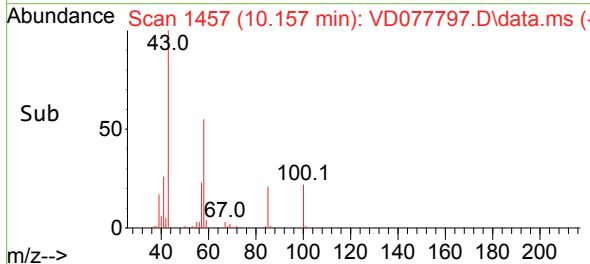
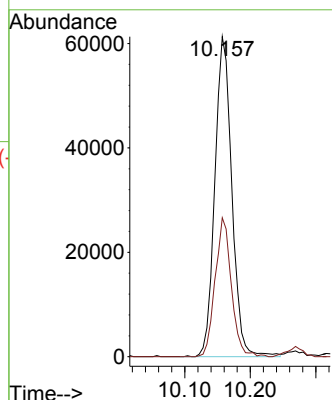
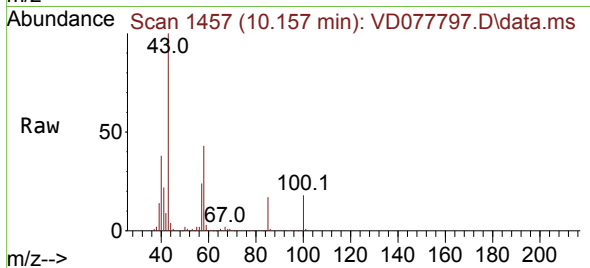




#51
4-Methyl-2-Pentanone
Concen: 110.453 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077797.D
Acq: 08 Dec 2023 18:04

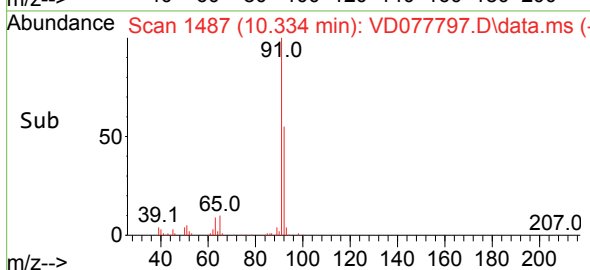
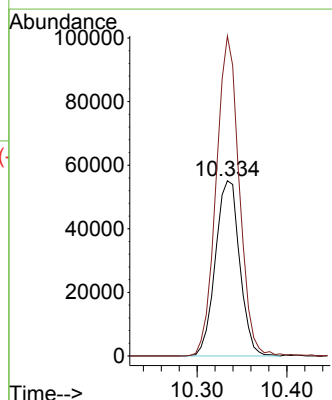
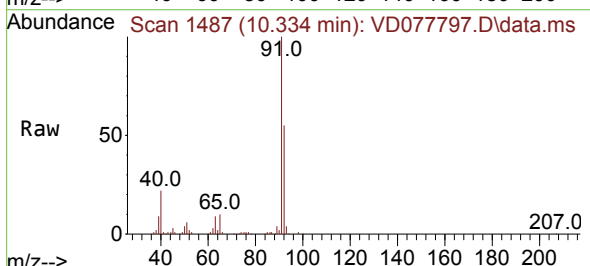
Instrument :
MSVOA_D
ClientSampleId :
VD1208SBSD01

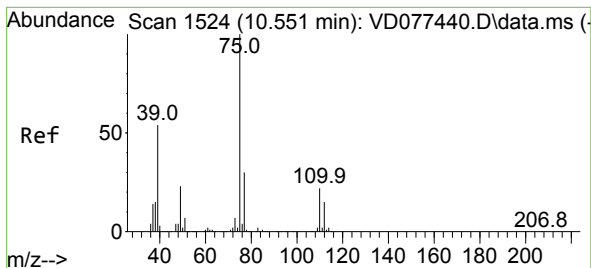
Tgt Ion: 43 Resp: 110212
Ion Ratio Lower Upper
43 100
58 41.4 38.9 58.3



#52
Toluene
Concen: 20.844 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077797.D
Acq: 08 Dec 2023 18:04

Tgt Ion: 92 Resp: 103510
Ion Ratio Lower Upper
92 100
91 174.3 143.0 214.4

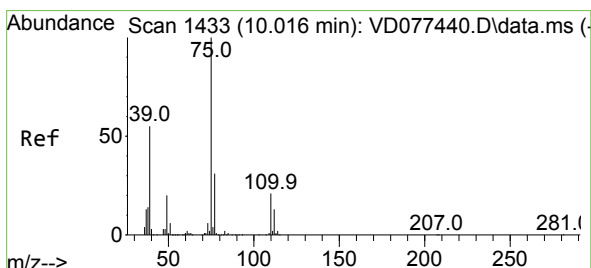
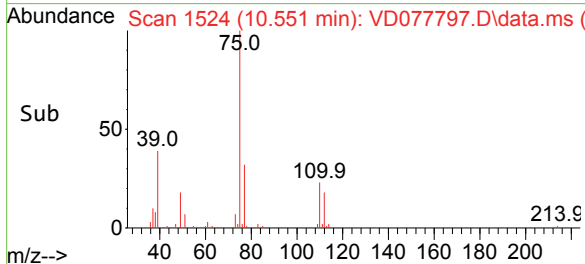
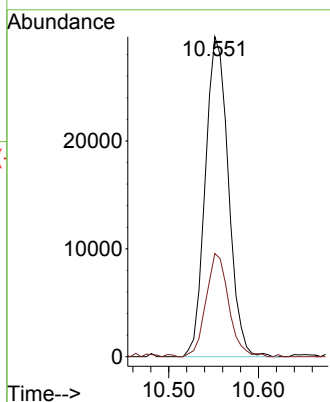
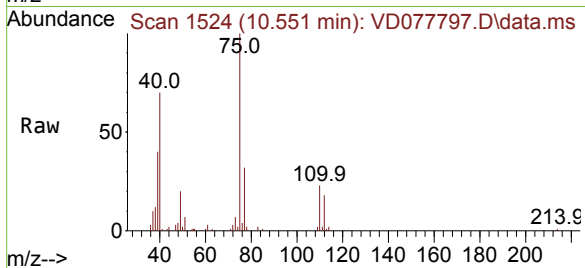




#53
t-1,3-Dichloropropene
Concen: 21.105 ug/l
RT: 10.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077797.D
Acq: 08 Dec 2023 18:04

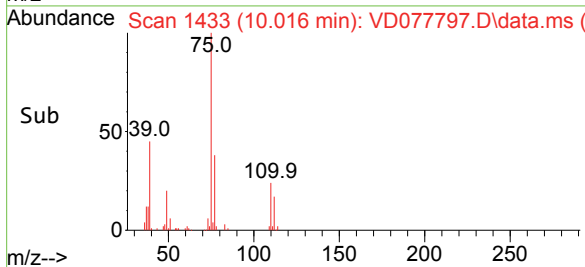
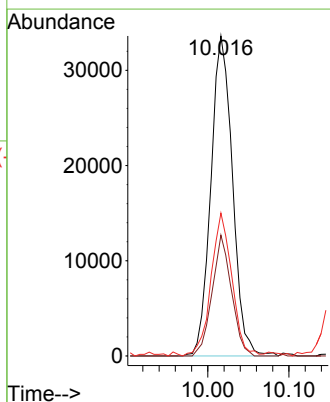
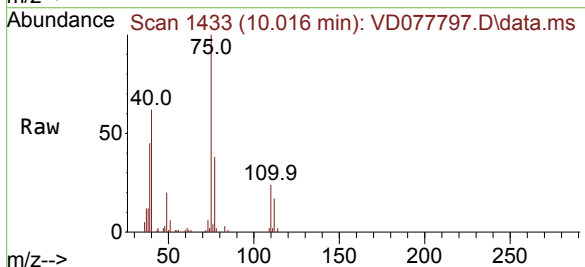
Instrument :
MSVOA_D
ClientSampleId :
VD1208SBSD01

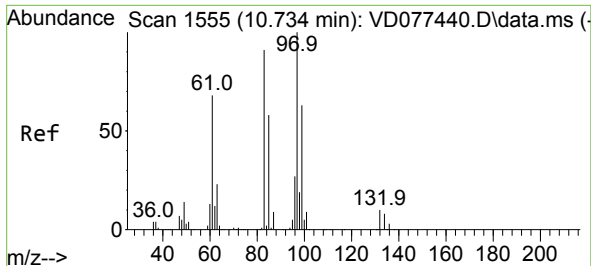
Tgt Ion: 75 Resp: 52898
Ion Ratio Lower Upper
75 100
77 32.3 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 20.562 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD077797.D
Acq: 08 Dec 2023 18:04

Tgt Ion: 75 Resp: 62310
Ion Ratio Lower Upper
75 100
77 37.8 25.5 38.3
39 44.1 22.1 33.1#

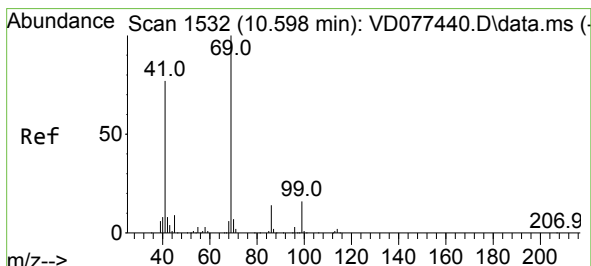
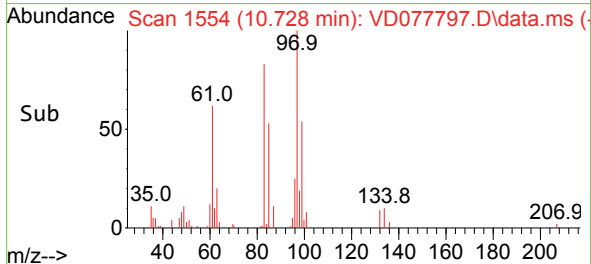
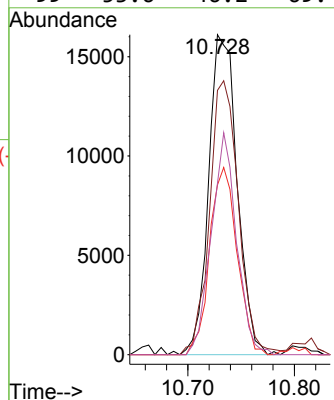
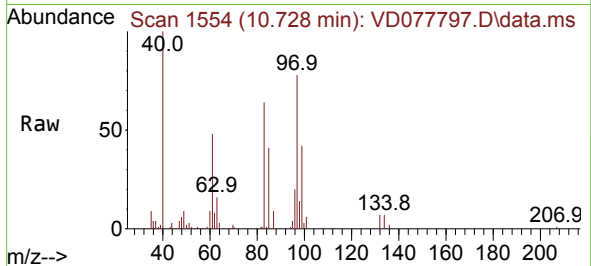




#55
1,1,2-Trichloroethane
Concen: 21.238 ug/l
RT: 10.728 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VD077797.D
Acq: 08 Dec 2023 18:04

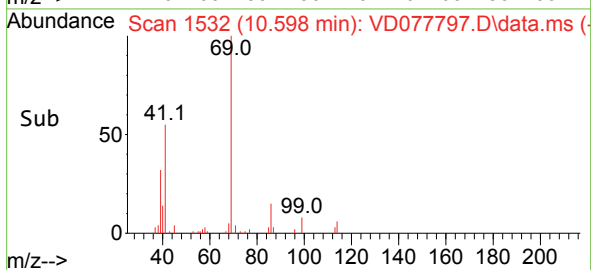
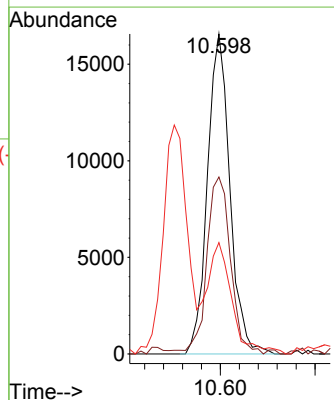
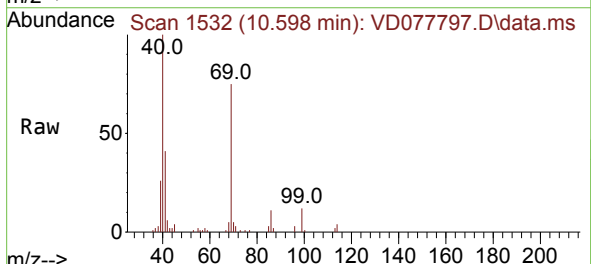
Instrument :
MSVOA_D
ClientSampleId :
VD1208SBSD01

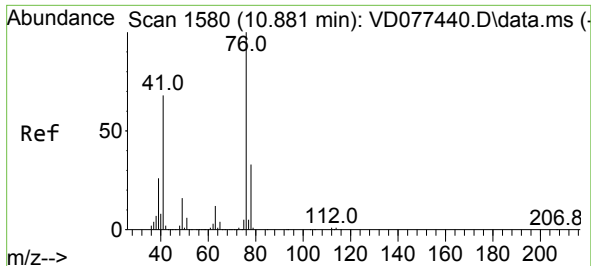
Tgt Ion: 97	Resp: 29915
Ion Ratio	Lower Upper
97 100	
83 82.6	65.8 98.6
85 53.1	45.7 68.5
99 53.6	46.2 69.4



#56
Ethyl methacrylate
Concen: 21.942 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077797.D
Acq: 08 Dec 2023 18:04

Tgt Ion: 69	Resp: 27244
Ion Ratio	Lower Upper
69 100	
41 58.3	39.1 58.7
39 35.5	20.0 30.0#





#57

1,3-Dichloropropane

Concen: 21.899 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD077797.D

Acq: 08 Dec 2023 18:04

Instrument :

MSVOA_D

ClientSampleId :

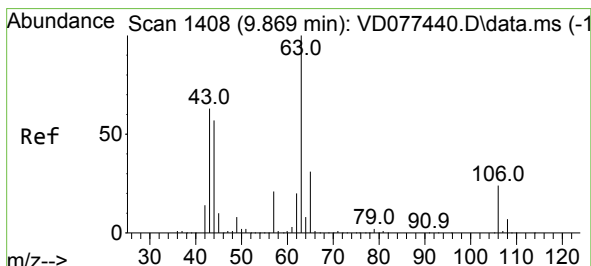
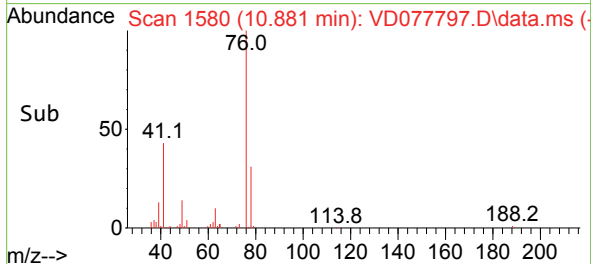
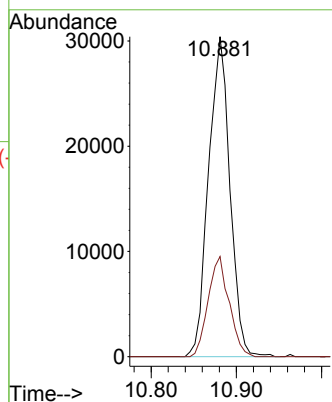
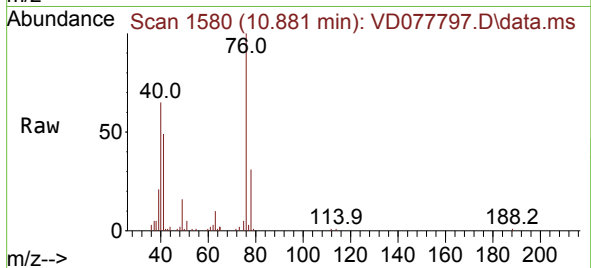
VD1208SBSD01

Tgt Ion: 76 Resp: 53170

Ion Ratio Lower Upper

76 100

78 30.6 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 101.453 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077797.D

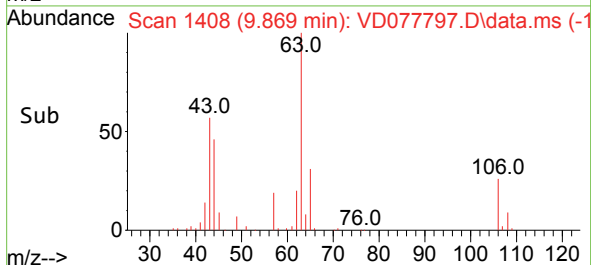
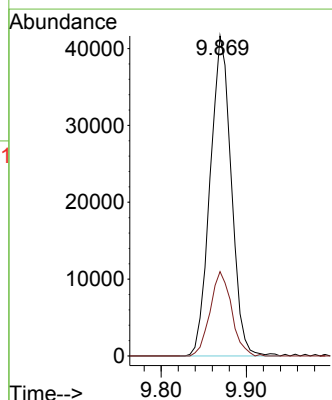
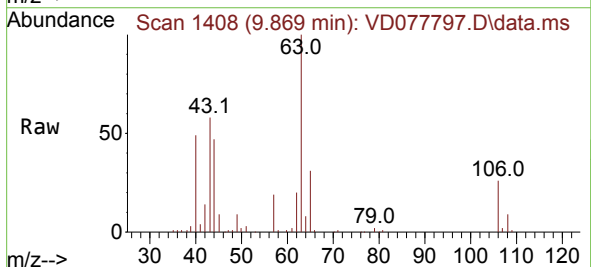
Acq: 08 Dec 2023 18:04

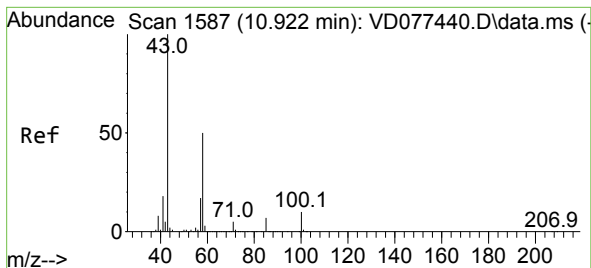
Tgt Ion: 63 Resp: 71838

Ion Ratio Lower Upper

63 100

106 26.7 25.3 37.9

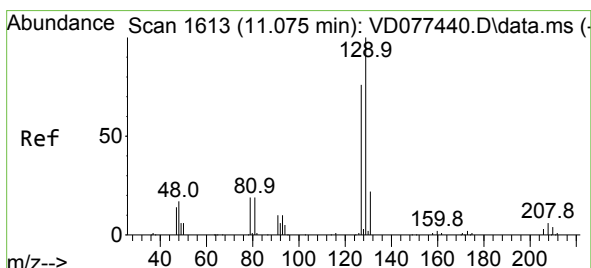
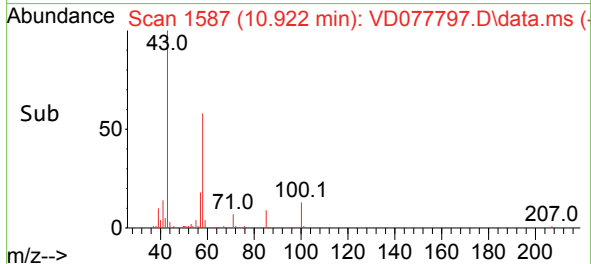
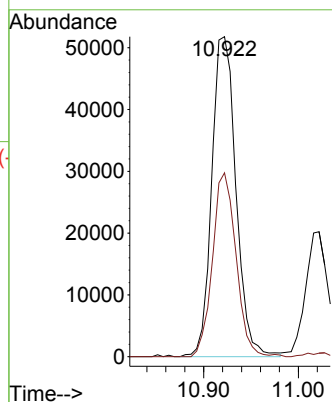
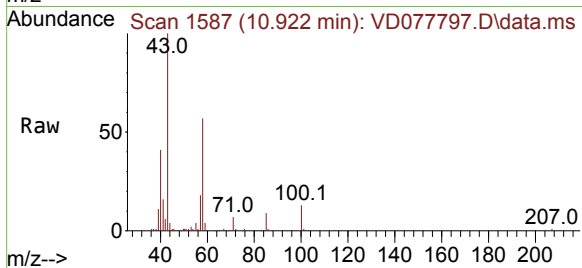




#59
2-Hexanone
Concen: 110.850 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077797.D
Acq: 08 Dec 2023 18:04

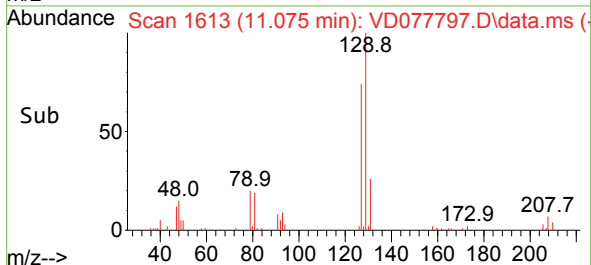
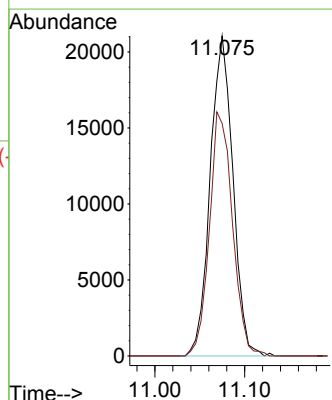
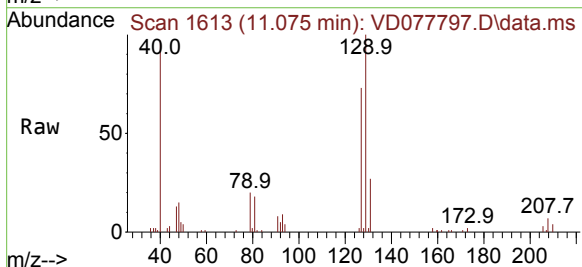
Instrument :
MSVOA_D
ClientSampleId :
VD1208SBSD01

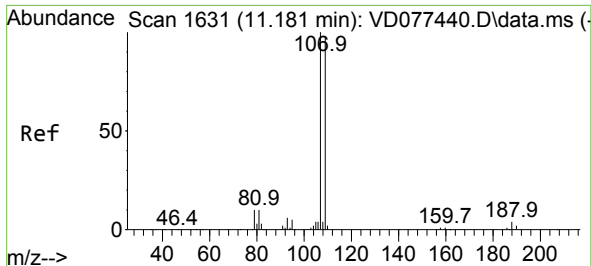
Tgt Ion: 43 Resp: 91766
Ion Ratio Lower Upper
43 100
58 56.0 34.1 102.2



#60
Dibromochloromethane
Concen: 21.848 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077797.D
Acq: 08 Dec 2023 18:04

Tgt Ion: 129 Resp: 37051
Ion Ratio Lower Upper
129 100
127 77.3 37.1 111.5

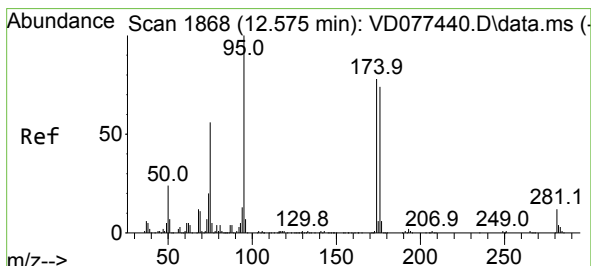
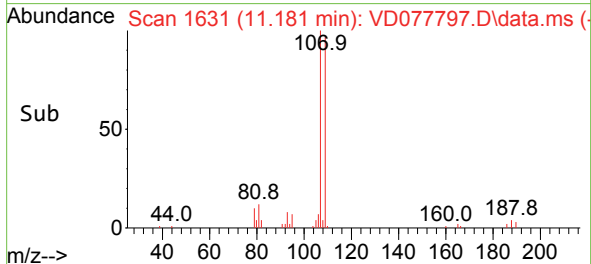
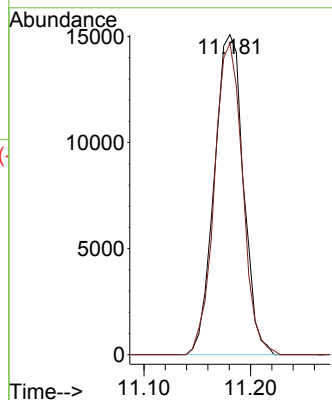
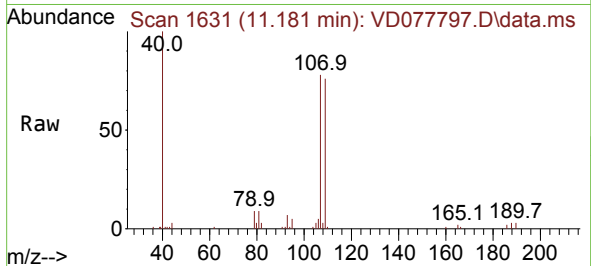




#61
1,2-Dibromoethane
Concen: 21.586 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077797.D
Acq: 08 Dec 2023 18:04

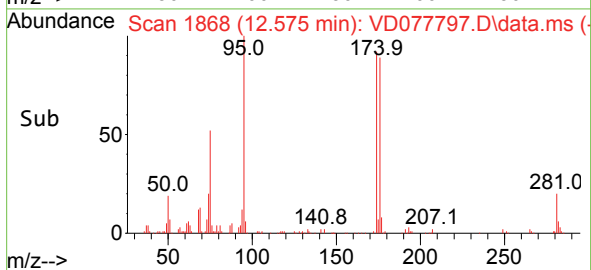
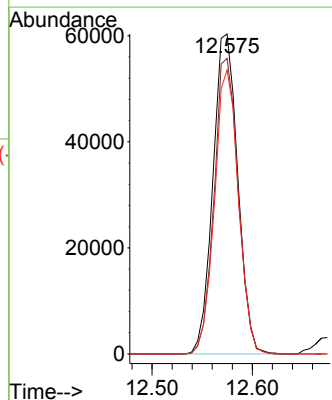
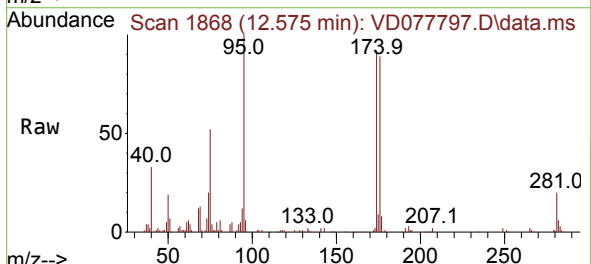
Instrument :
MSVOA_D
ClientSampleId :
VD1208SBSD01

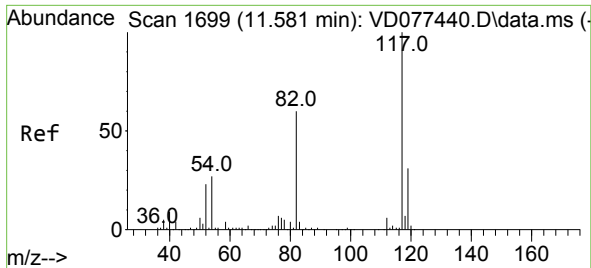
Tgt Ion:107 Resp: 28621
Ion Ratio Lower Upper
107 100
109 94.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 48.902 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077797.D
Acq: 08 Dec 2023 18:04

Tgt Ion: 95 Resp: 103261
Ion Ratio Lower Upper
95 100
174 90.2 0.0 201.8
176 85.8 0.0 191.8

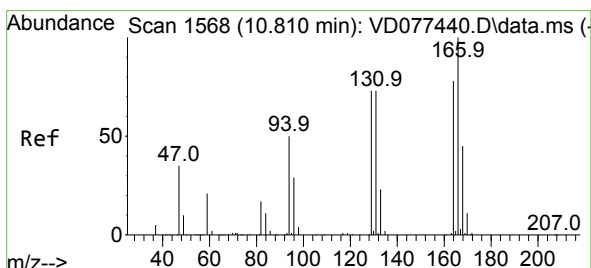
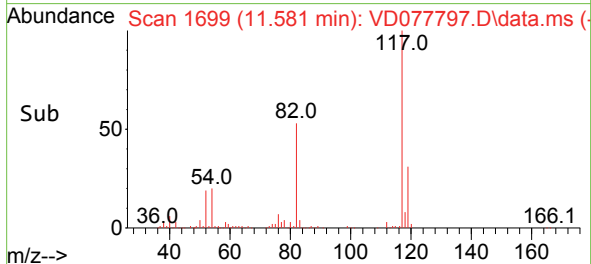
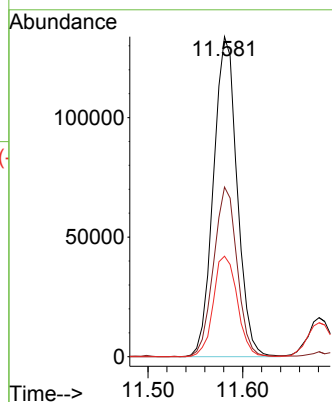
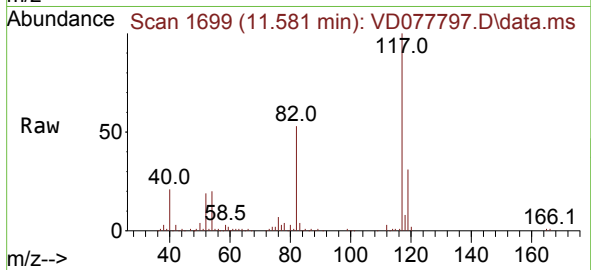




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VD077797.D
Acq: 08 Dec 2023 18:04

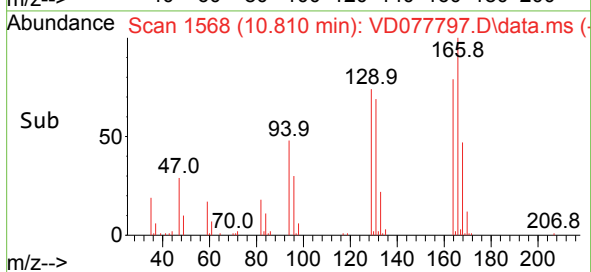
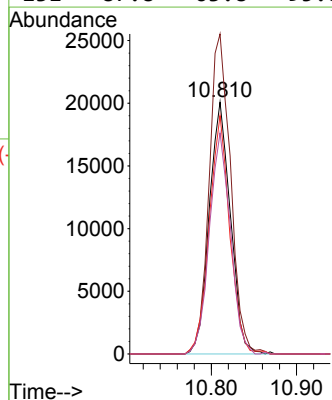
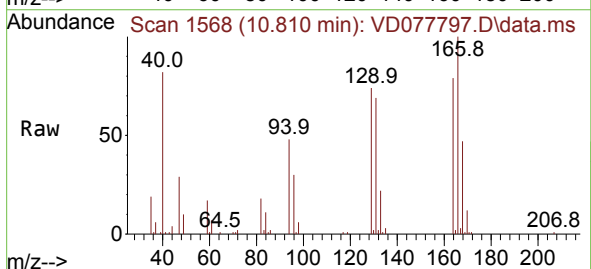
Instrument :
MSVOA_D
ClientSampleId :
VD1208SBSD01

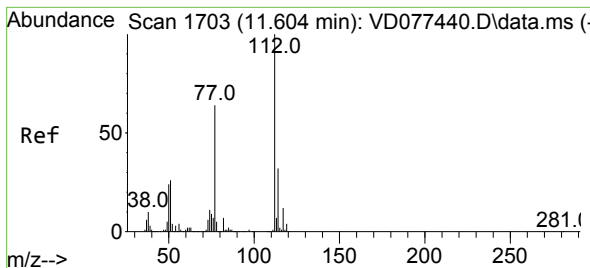
Tgt Ion:117 Resp: 231885
Ion Ratio Lower Upper
117 100
82 53.0 38.3 57.5
119 31.4 25.0 37.4



#64
Tetrachloroethene
Concen: 20.350 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077797.D
Acq: 08 Dec 2023 18:04

Tgt Ion:164 Resp: 34683
Ion Ratio Lower Upper
164 100
166 127.1 99.2 148.8
129 94.7 68.4 102.6
131 87.8 63.8 95.8

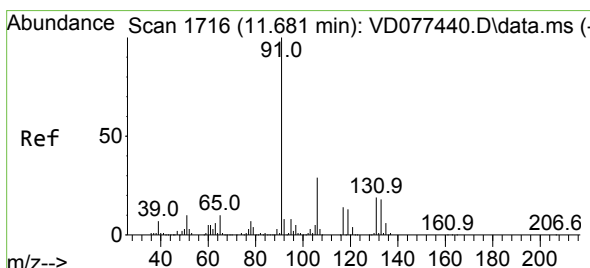
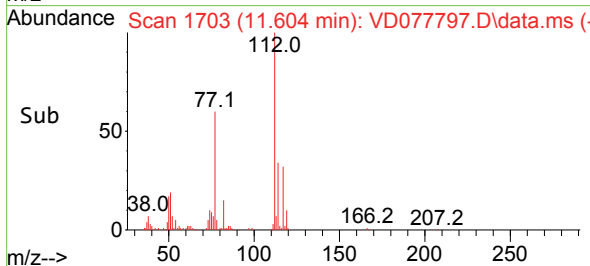
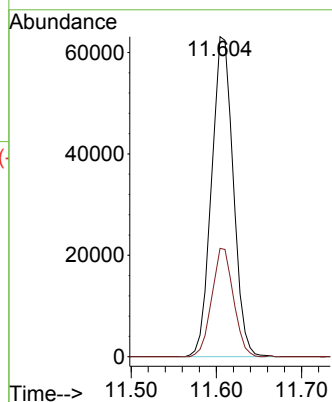
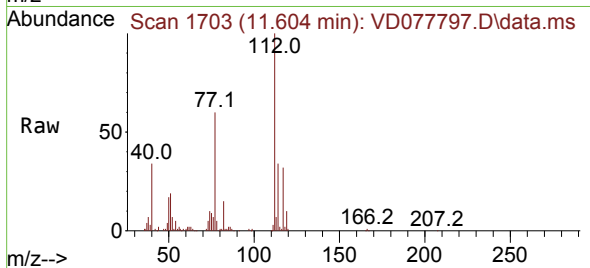




#65
Chlorobenzene
Concen: 19.275 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD077797.D
Acq: 08 Dec 2023 18:04

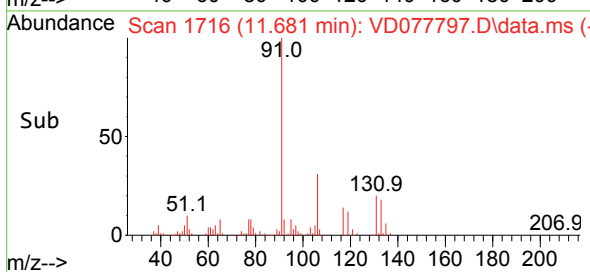
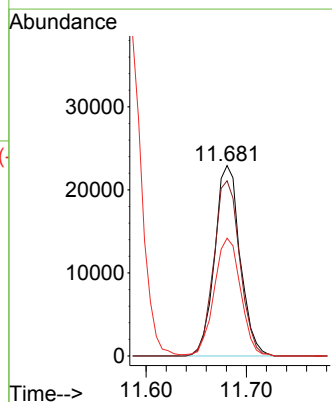
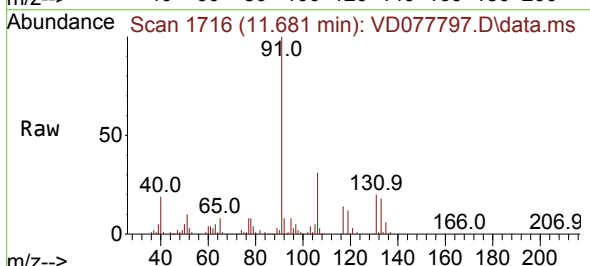
Instrument :
MSVOA_D
ClientSampleId :
VD1208SBSD01

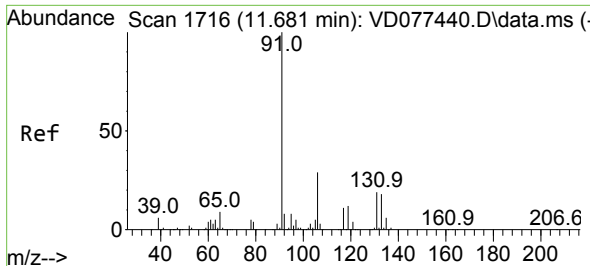
Tgt Ion:112 Resp: 111599
Ion Ratio Lower Upper
112 100
114 33.8 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 20.904 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD077797.D
Acq: 08 Dec 2023 18:04

Tgt Ion:131 Resp: 40308
Ion Ratio Lower Upper
131 100
133 94.3 48.5 145.5
119 64.8 35.6 106.9

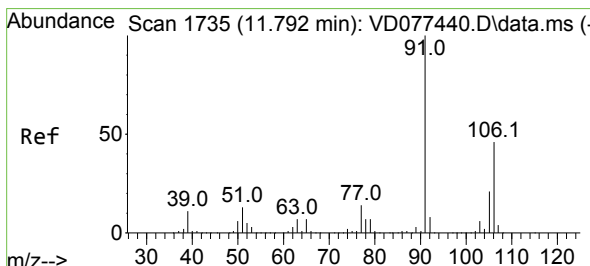
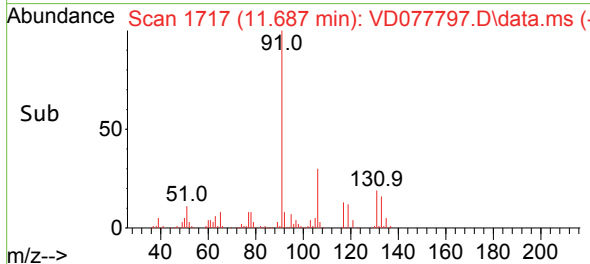
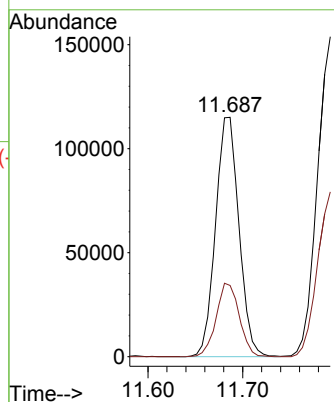
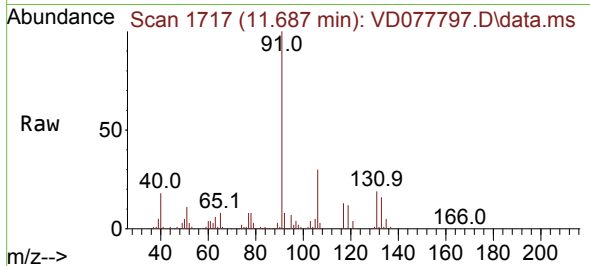




#67
Ethyl Benzene
Concen: 20.490 ug/l
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD077797.D
Acq: 08 Dec 2023 18:04

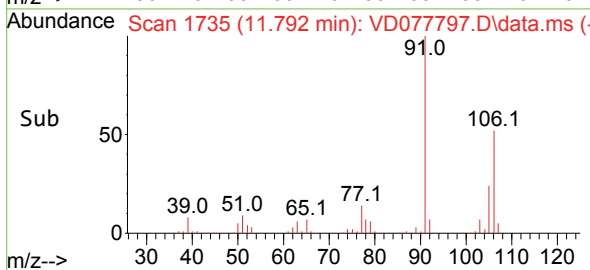
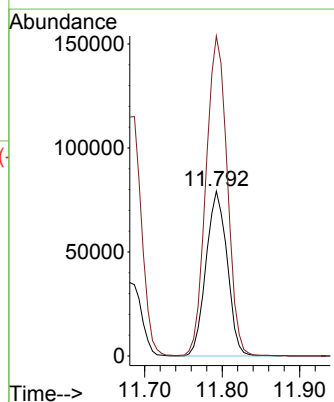
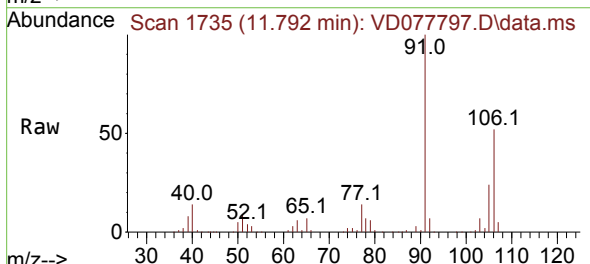
Instrument :
MSVOA_D
ClientSampleId :
VD1208SBSD01

Tgt Ion: 91 Resp: 197812
Ion Ratio Lower Upper
91 100
106 29.7 26.5 39.7



#68
m/p-Xylenes
Concen: 40.645 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077797.D
Acq: 08 Dec 2023 18:04

Tgt Ion:106 Resp: 150090
Ion Ratio Lower Upper
106 100
91 195.4 147.0 220.6

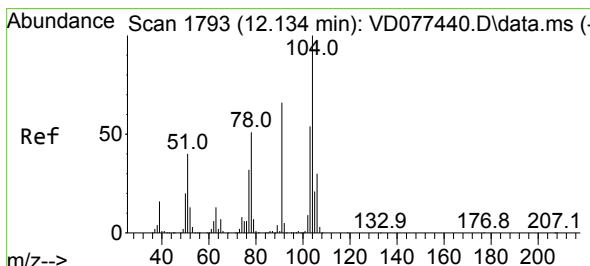
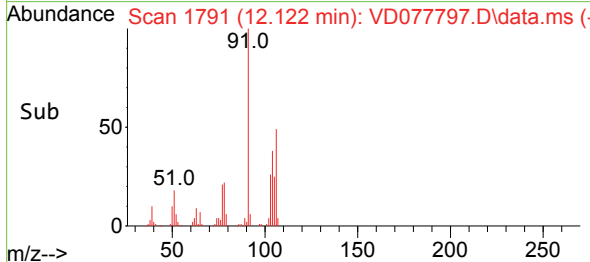
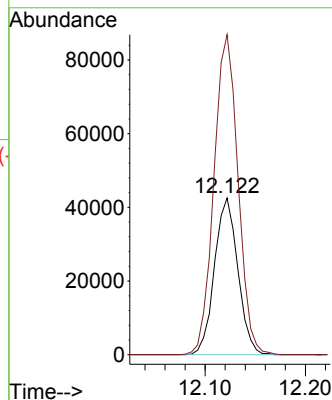
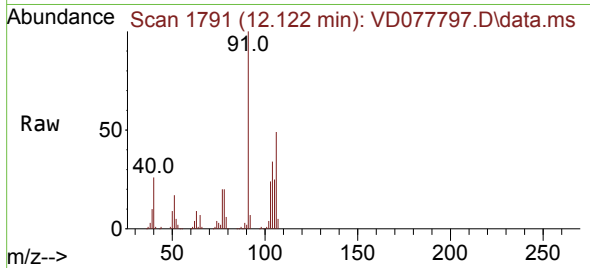




#69
o-Xylene
Concen: 20.171 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077797.D
Acq: 08 Dec 2023 18:04

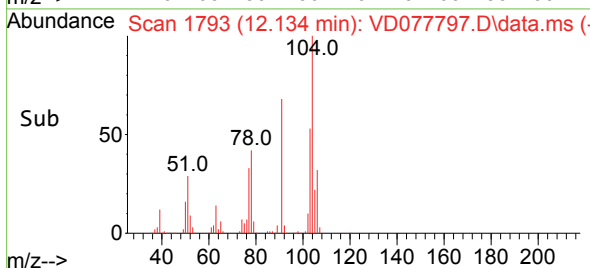
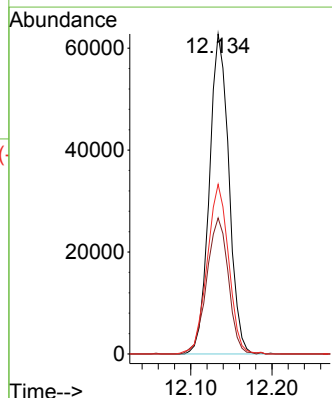
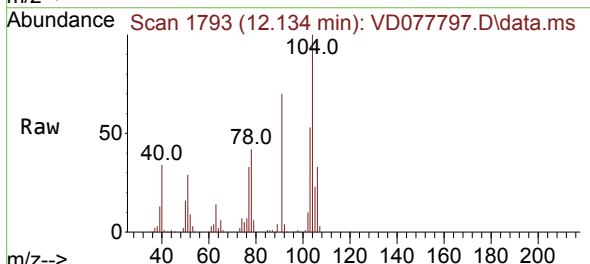
Instrument :
MSVOA_D
ClientSampleId :
VD1208SBSD01

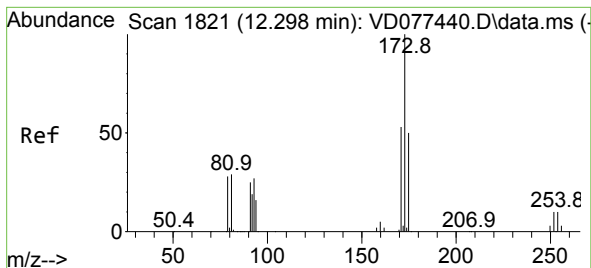
Tgt Ion:106 Resp: 68647
Ion Ratio Lower Upper
106 100
91 210.8 97.9 293.6



#70
Styrene
Concen: 20.759 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD077797.D
Acq: 08 Dec 2023 18:04

Tgt Ion:104 Resp: 105051
Ion Ratio Lower Upper
104 100
78 47.1 33.2 49.8
103 58.2 43.6 65.4





#71

Bromoform

Concen: 21.137 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD077797.D

Acq: 08 Dec 2023 18:04

Instrument :

MSVOA_D

ClientSampleId :

VD1208SBSD01

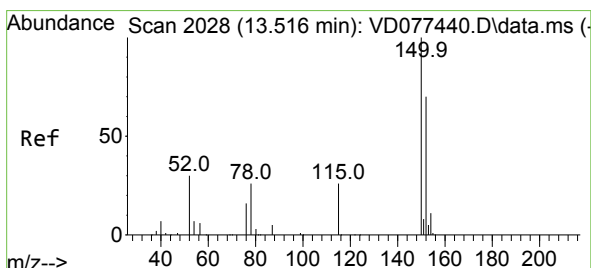
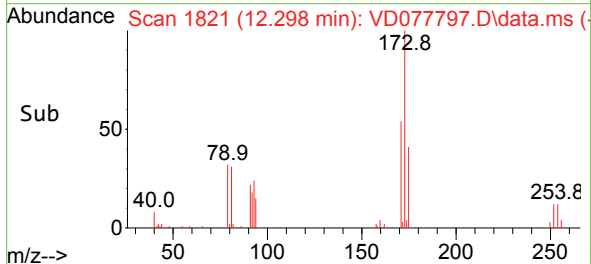
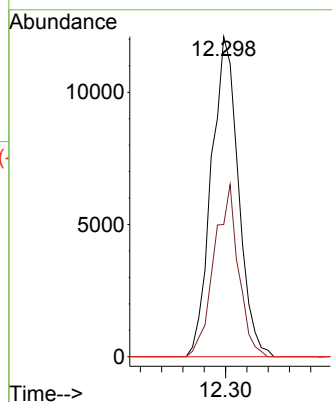
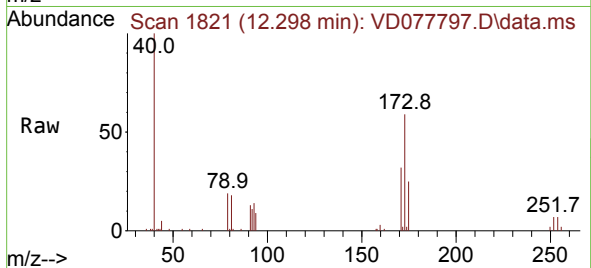
Tgt Ion:173 Resp: 21296

Ion Ratio Lower Upper

173 100

175 48.5 24.6 73.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.000 min

Lab File: VD077797.D

Acq: 08 Dec 2023 18:04

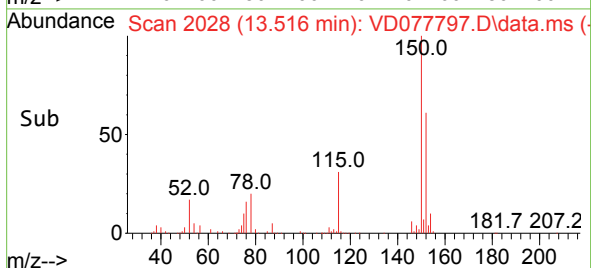
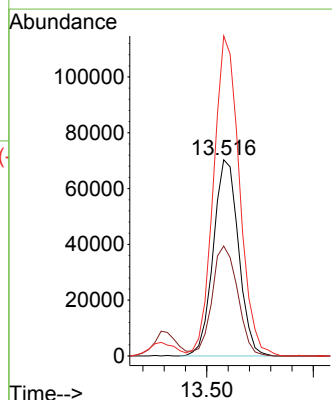
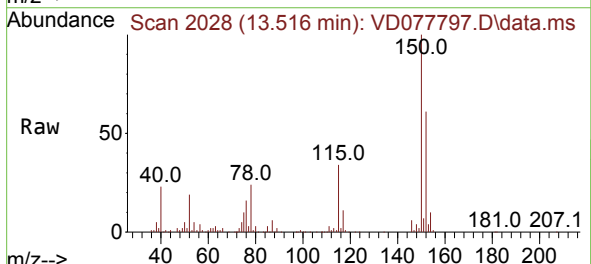
Tgt Ion:152 Resp: 115615

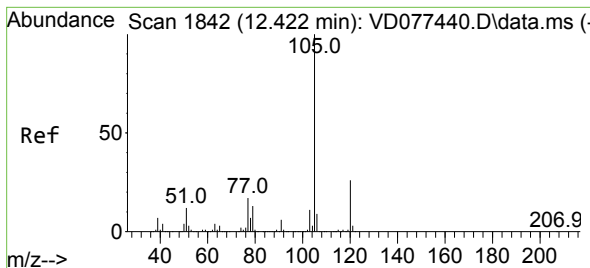
Ion Ratio Lower Upper

152 100

115 56.7 27.1 81.3

150 167.7 0.0 353.6





#73

Isopropylbenzene

Concen: 20.889 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD077797.D

Acq: 08 Dec 2023 18:04

Instrument :

MSVOA_D

ClientSampleId :

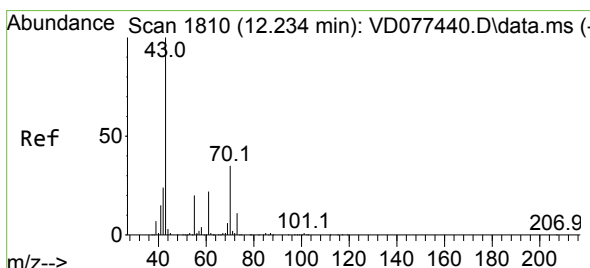
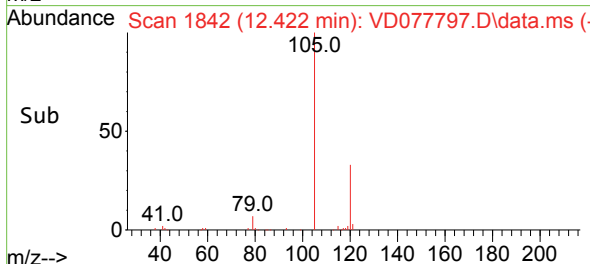
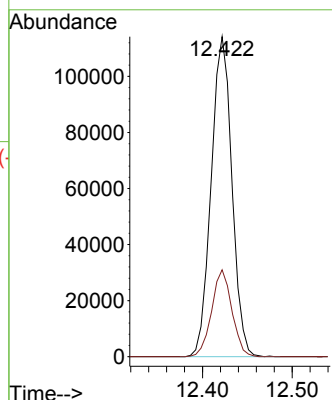
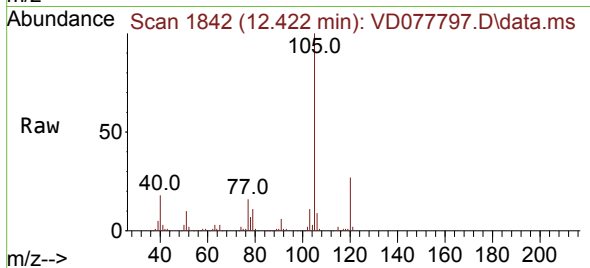
VD1208SBS01

Tgt Ion:105 Resp: 183038

Ion Ratio Lower Upper

105 100

120 26.5 14.3 42.9



#74

N-ethyl acetate

Concen: 21.164 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD077797.D

Acq: 08 Dec 2023 18:04

Tgt Ion: 43 Resp: 36455

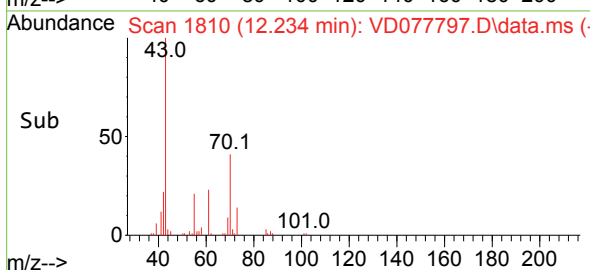
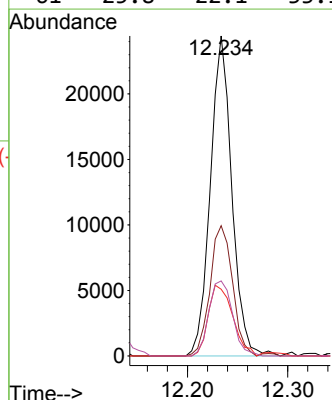
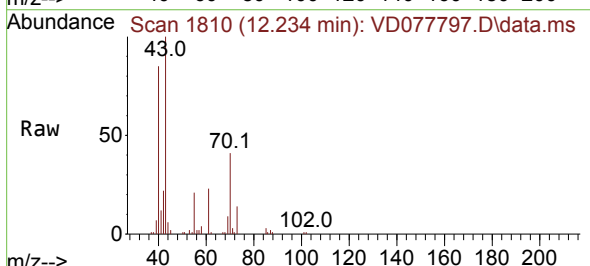
Ion Ratio Lower Upper

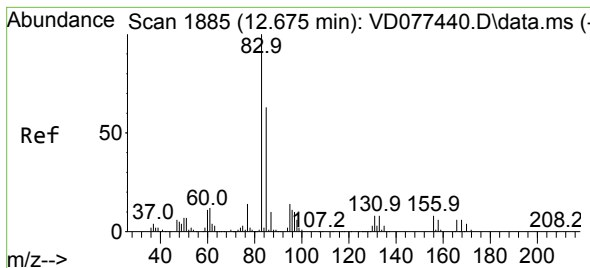
43 100

70 42.4 45.0 67.4

55 25.3 23.8 35.6

61 25.8 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 22.459 ug/l

RT: 12.669 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VD077797.D

Acq: 08 Dec 2023 18:04

Instrument :

MSVOA_D

ClientSampleId :

VD1208SBSD01

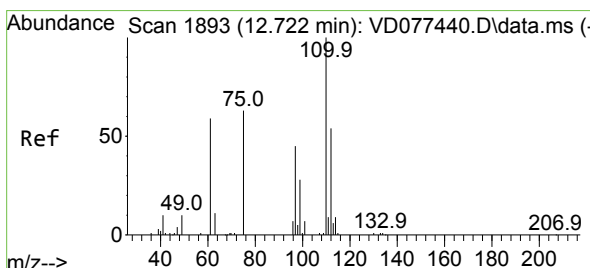
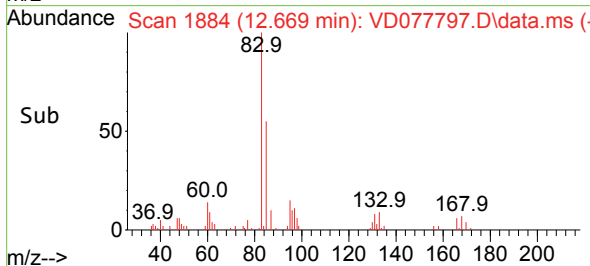
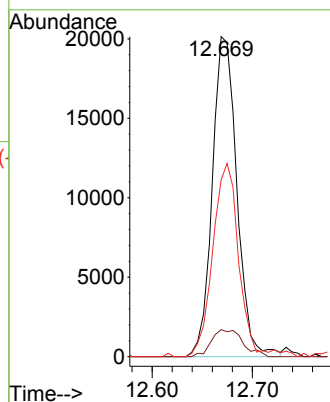
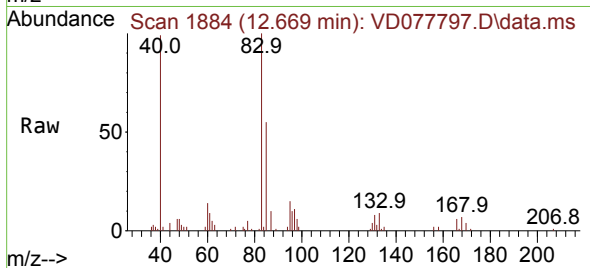
Tgt Ion: 83 Resp: 34315

Ion Ratio Lower Upper

83 100

131 10.8 5.1 15.3

85 62.8 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 42.040 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VD077797.D

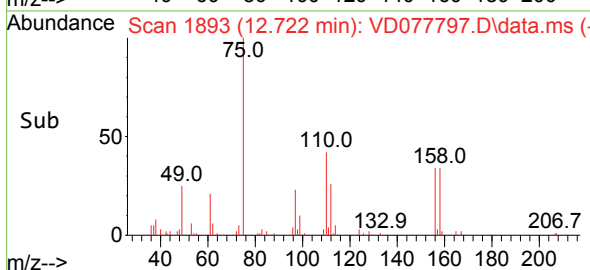
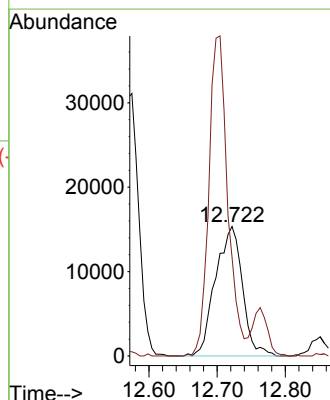
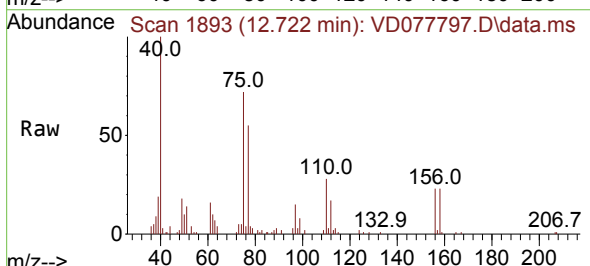
Acq: 08 Dec 2023 18:04

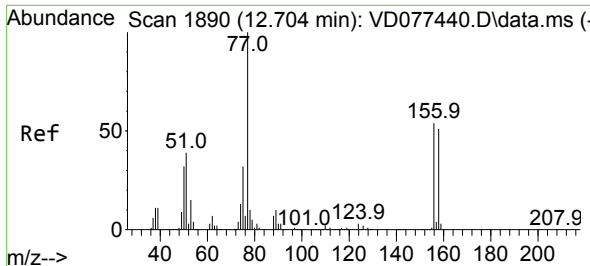
Tgt Ion: 75 Resp: 42213

Ion Ratio Lower Upper

75 100

77 172.6 0.0 0.0#

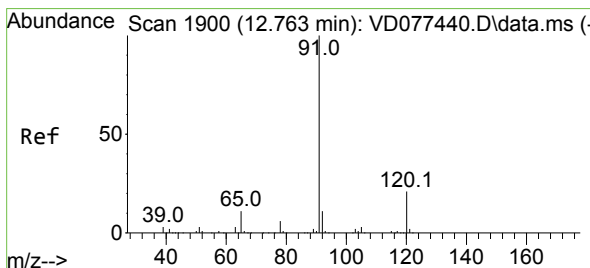
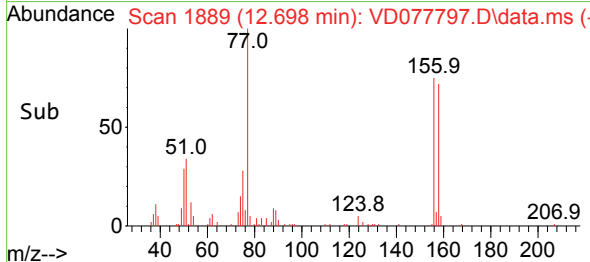
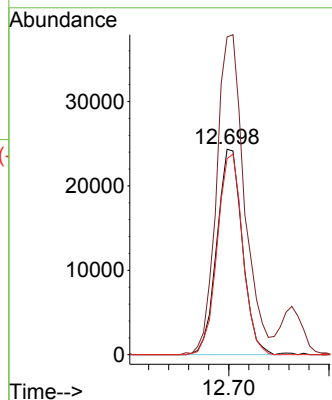
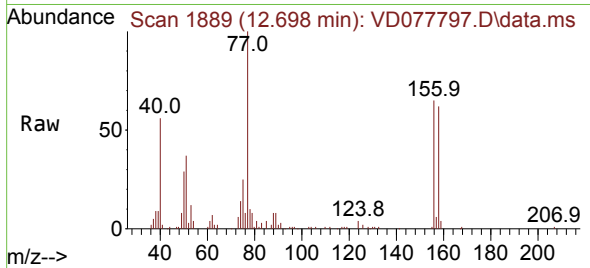




#77
Bromobenzene
Concen: 20.863 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD077797.D
Acq: 08 Dec 2023 18:04

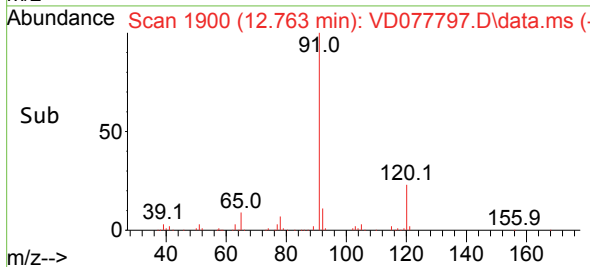
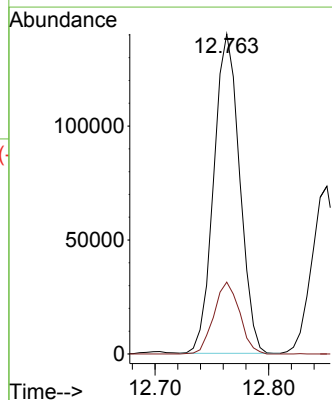
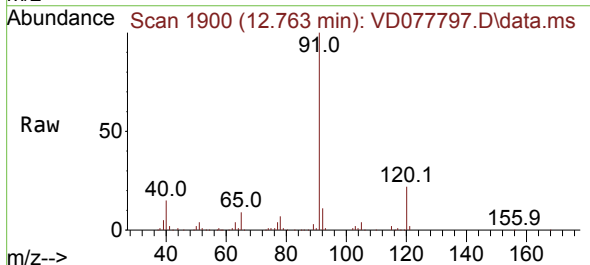
Instrument :
MSVOA_D
ClientSampleId :
VD1208SBSD01

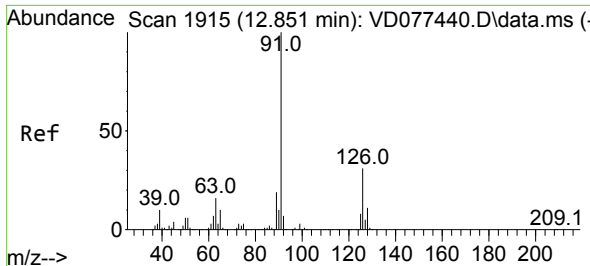
Tgt Ion:156 Resp: 43000
Ion Ratio Lower Upper
156 100
77 169.4 76.8 230.4
158 96.7 48.6 145.9



#78
n-propylbenzene
Concen: 20.787 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD077797.D
Acq: 08 Dec 2023 18:04

Tgt Ion: 91 Resp: 221952
Ion Ratio Lower Upper
91 100
120 22.3 12.4 37.2

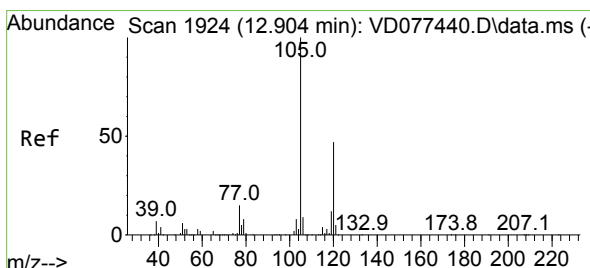
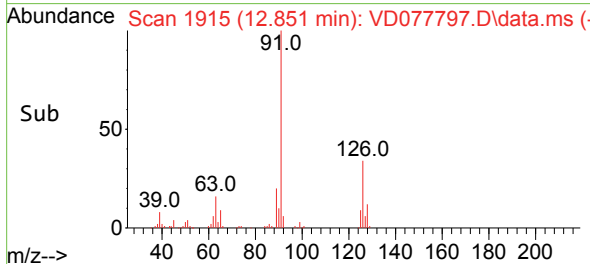
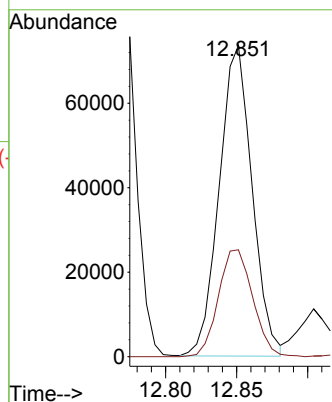
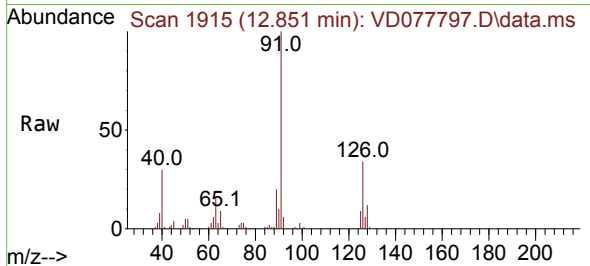




#79
2-Chlorotoluene
Concen: 20.686 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077797.D
Acq: 08 Dec 2023 18:04

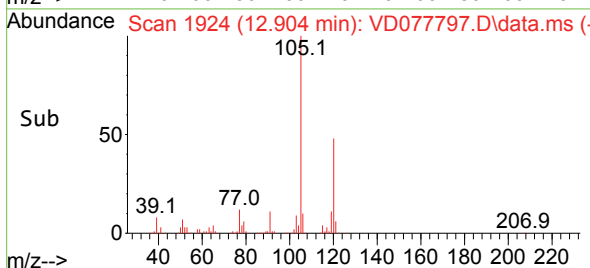
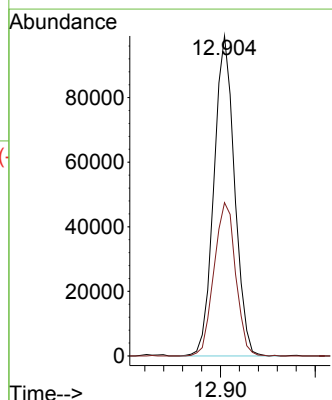
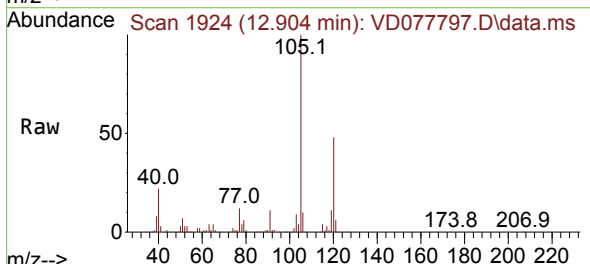
Instrument :
MSVOA_D
ClientSampleId :
VD1208SBSD01

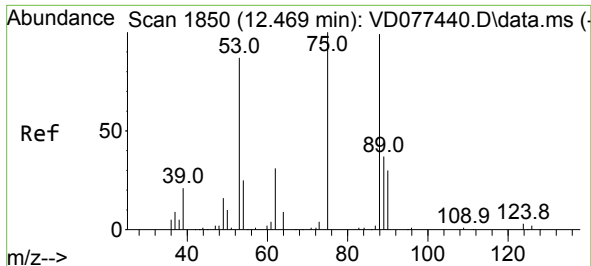
Tgt Ion: 91 Resp: 118369
Ion Ratio Lower Upper
91 100
126 36.0 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 20.509 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077797.D
Acq: 08 Dec 2023 18:04

Tgt Ion: 105 Resp: 149888
Ion Ratio Lower Upper
105 100
120 50.3 26.4 79.2

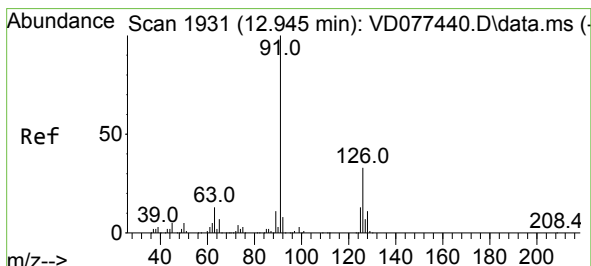
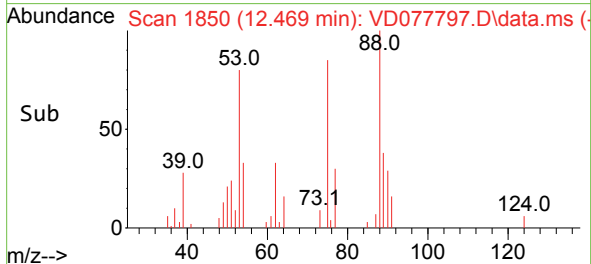
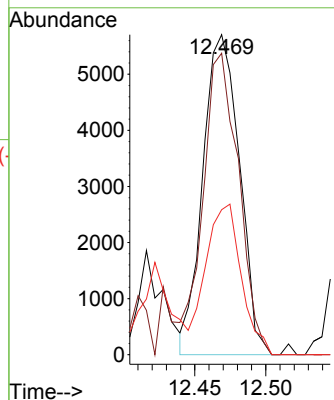
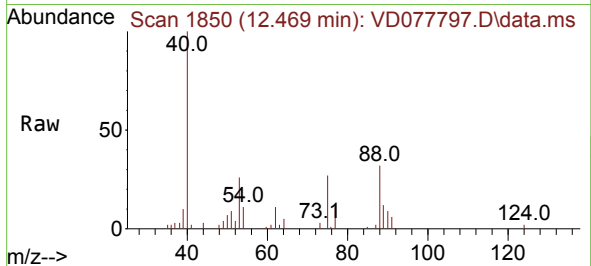




#81
trans-1,4-Dichloro-2-butene
Concen: 20.619 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD077797.D
Acq: 08 Dec 2023 18:04

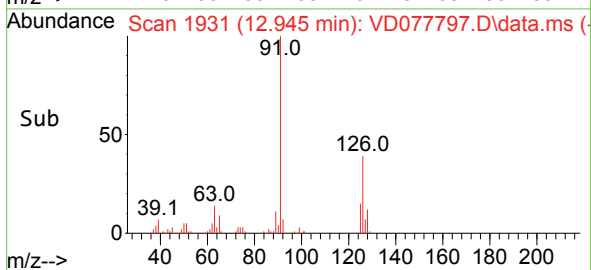
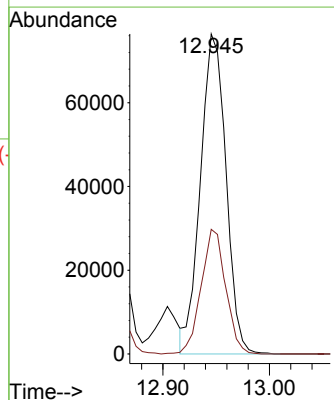
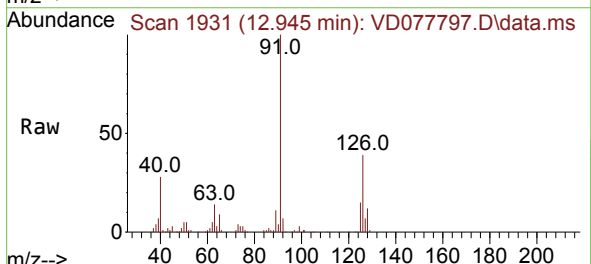
Instrument :
MSVOA_D
ClientSampleId :
VD1208SBSD01

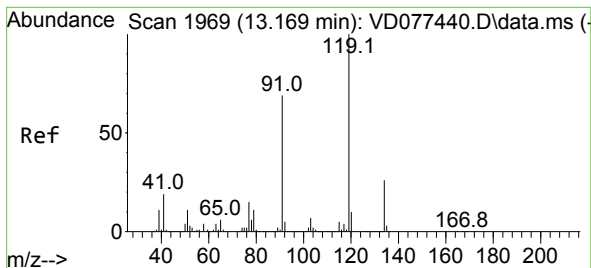
Tgt Ion: 75 Resp: 10219
Ion Ratio Lower Upper
75 100
53 91.4 63.0 94.4
89 45.7 37.9 56.9



#82
4-Chlorotoluene
Concen: 21.296 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077797.D
Acq: 08 Dec 2023 18:04

Tgt Ion: 91 Resp: 127396
Ion Ratio Lower Upper
91 100
126 37.4 19.4 58.4





#83

tert-Butylbenzene

Concen: 20.627 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD077797.D

Acq: 08 Dec 2023 18:04

Instrument :

MSVOA_D

ClientSampleId :

VD1208SBSD01

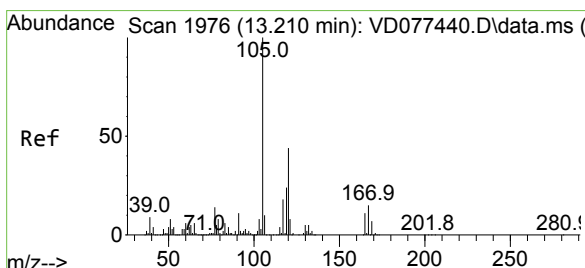
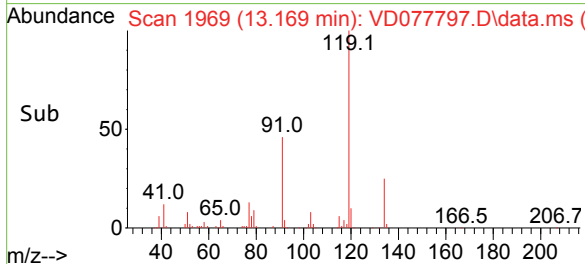
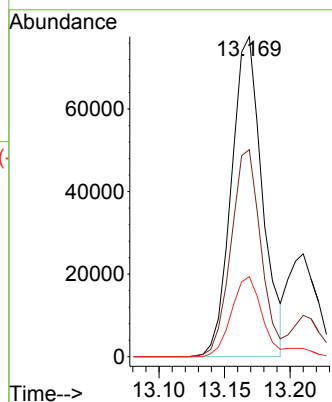
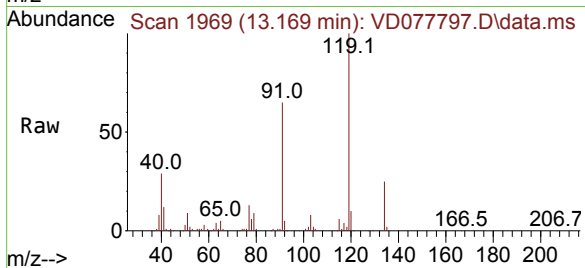
Tgt Ion:119 Resp: 127269

Ion Ratio Lower Upper

119 100

91 62.7 29.3 87.8

134 26.7 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 20.628 ug/l

RT: 13.216 min Scan# 1977

Delta R.T. 0.006 min

Lab File: VD077797.D

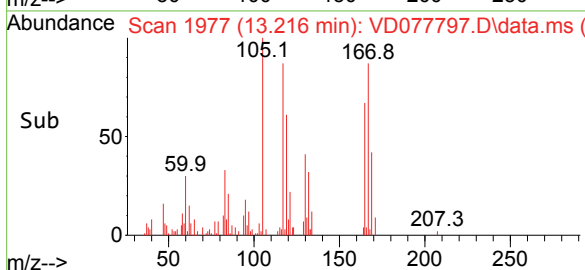
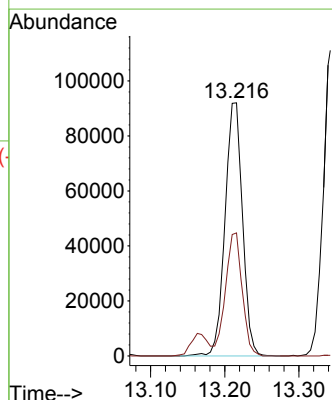
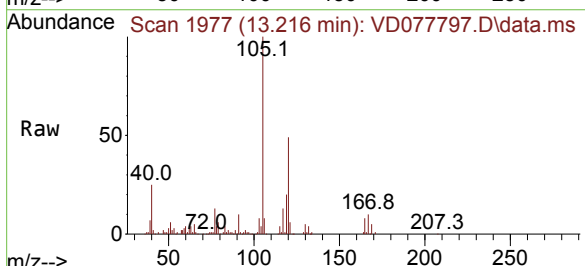
Acq: 08 Dec 2023 18:04

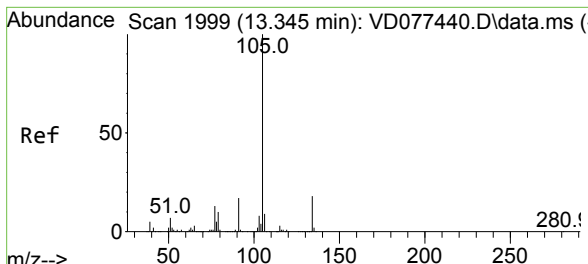
Tgt Ion:105 Resp: 150787

Ion Ratio Lower Upper

105 100

120 46.8 24.3 72.9

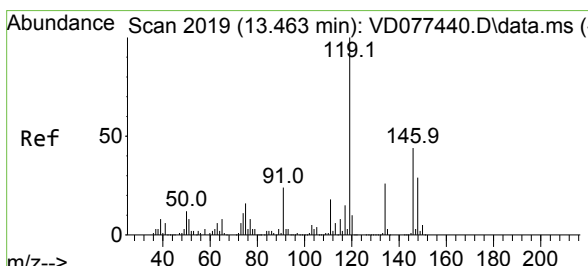
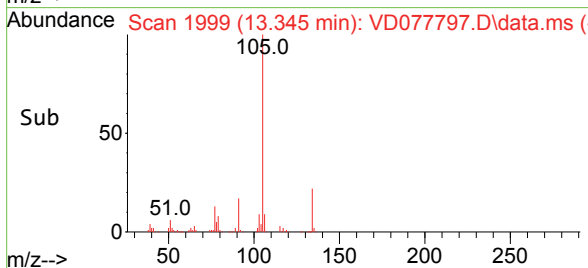
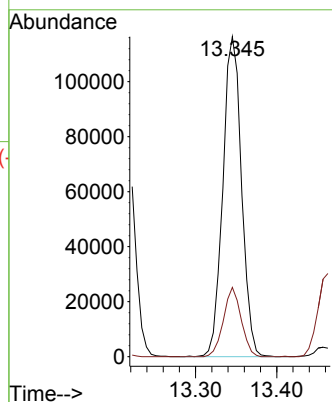
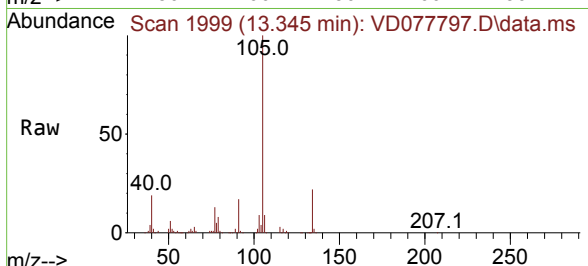




#85
 sec-Butylbenzene
 Concen: 20.443 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077797.D
 Acq: 08 Dec 2023 18:04

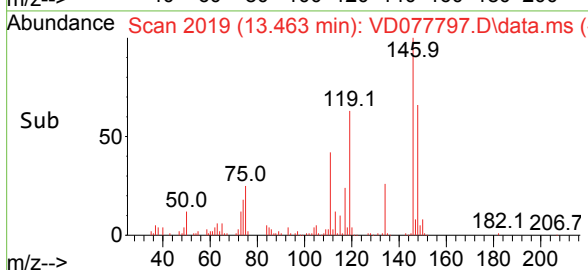
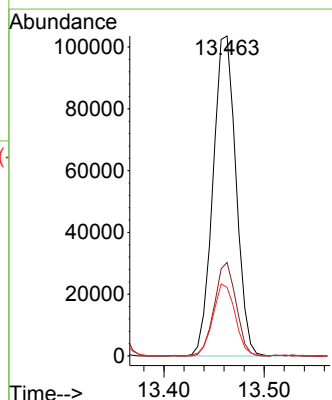
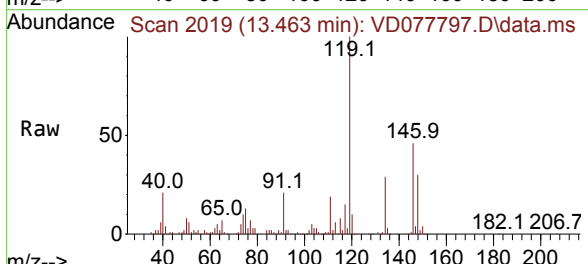
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1208SBSD01

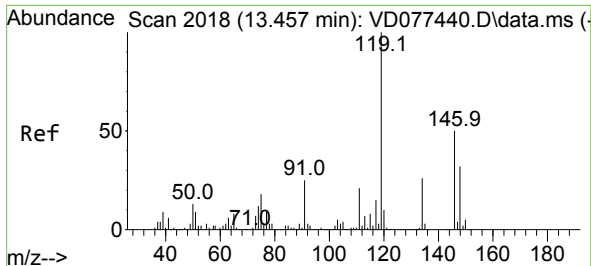
Tgt Ion:105 Resp: 186442
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 20.218 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD077797.D
 Acq: 08 Dec 2023 18:04

Tgt Ion:119 Resp: 165091
 Ion Ratio Lower Upper
 119 100
 134 27.5 14.2 42.6
 91 21.9 10.5 31.5

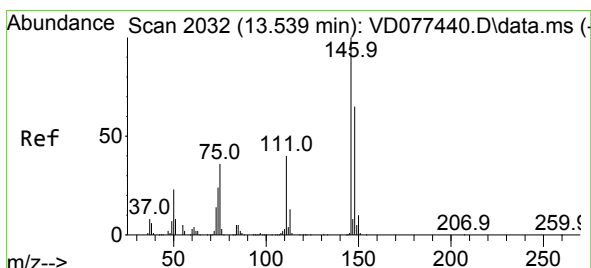
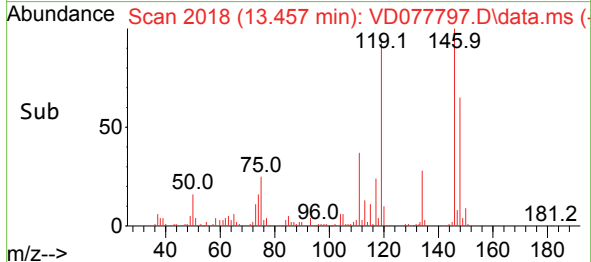
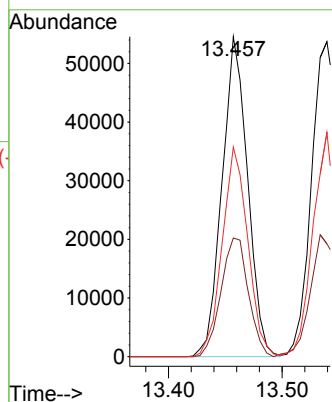
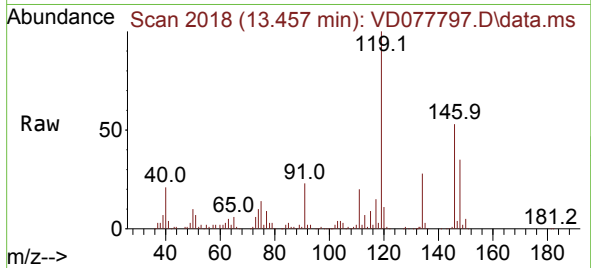




#87
1,3-Dichlorobenzene
Concen: 20.253 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD077797.D
Acq: 08 Dec 2023 18:04

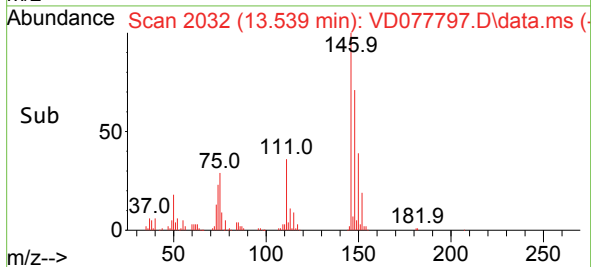
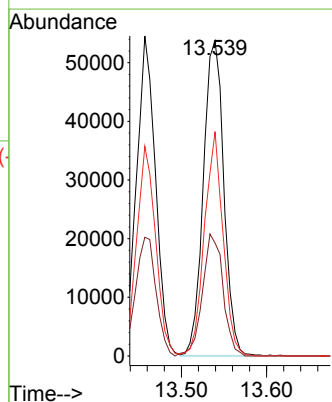
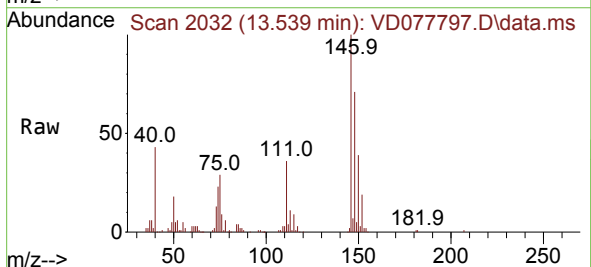
Instrument :
MSVOA_D
ClientSampleId :
VD1208SBS01

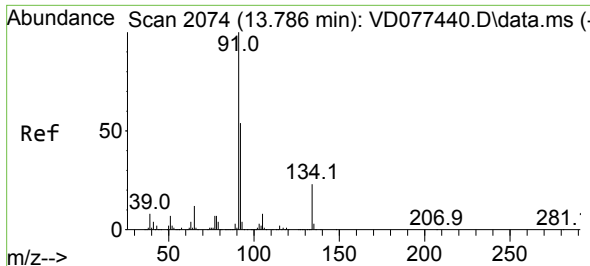
Tgt Ion:146 Resp: 85363
Ion Ratio Lower Upper
146 100
111 39.7 17.9 53.8
148 65.7 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 20.444 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077797.D
Acq: 08 Dec 2023 18:04

Tgt Ion:146 Resp: 89999
Ion Ratio Lower Upper
146 100
111 38.7 17.4 52.3
148 64.7 31.7 95.1

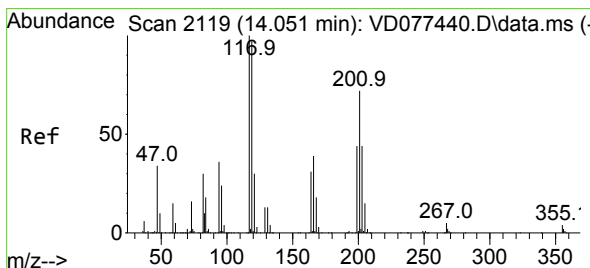
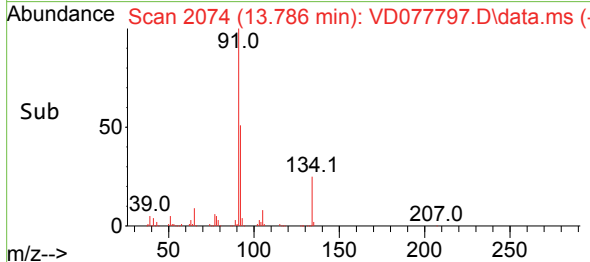
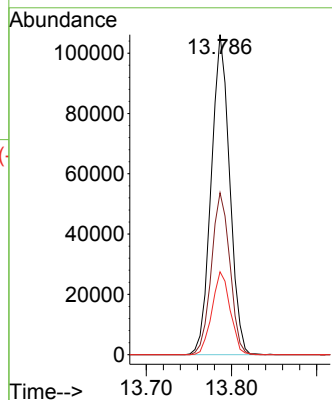
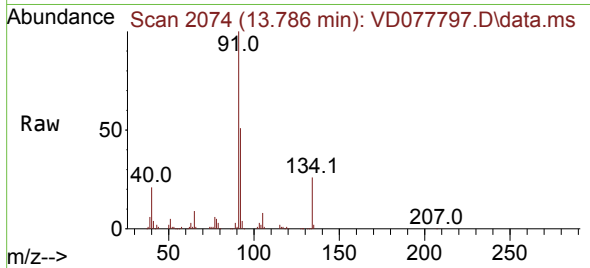




#89
n-Butylbenzene
Concen: 20.775 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD077797.D
Acq: 08 Dec 2023 18:04

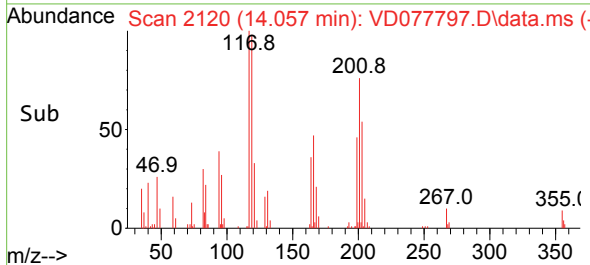
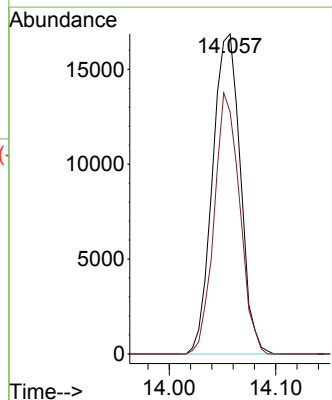
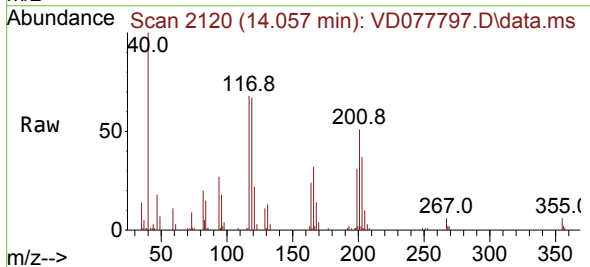
Instrument :
MSVOA_D
ClientSampleId :
VD1208SBSD01

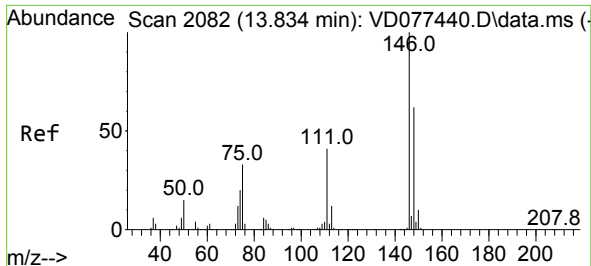
Tgt Ion: 91 Resp: 159622
Ion Ratio Lower Upper
91 100
92 50.6 26.5 79.5
134 25.6 13.8 41.3



#90
Hexachloroethane
Concen: 20.337 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD077797.D
Acq: 08 Dec 2023 18:04

Tgt Ion: 117 Resp: 30539
Ion Ratio Lower Upper
117 100
201 75.0 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 20.971 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD077797.D

Acq: 08 Dec 2023 18:04

Instrument :

MSVOA_D

ClientSampleId :

VD1208SBS01

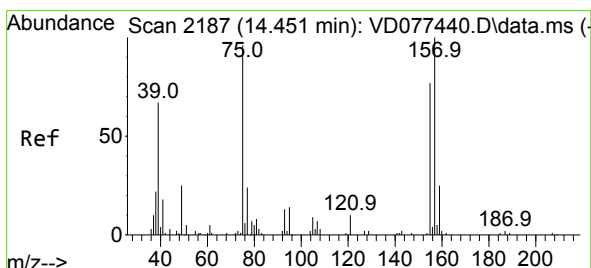
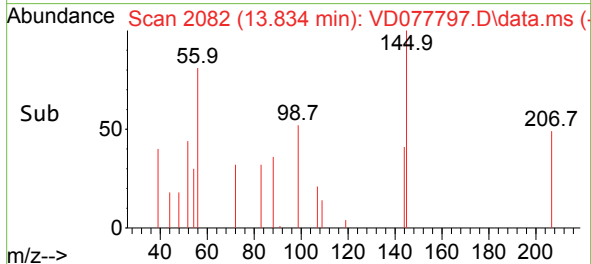
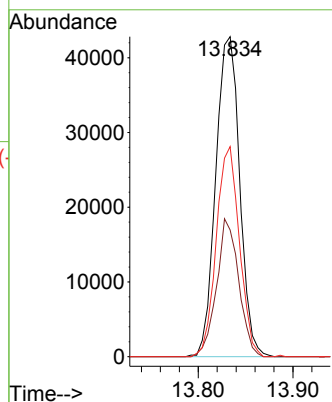
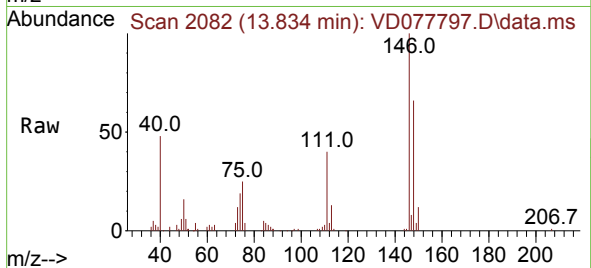
Tgt Ion:146 Resp: 75174

Ion Ratio Lower Upper

146 100

111 39.9 18.3 54.8

148 63.4 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.670 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD077797.D

Acq: 08 Dec 2023 18:04

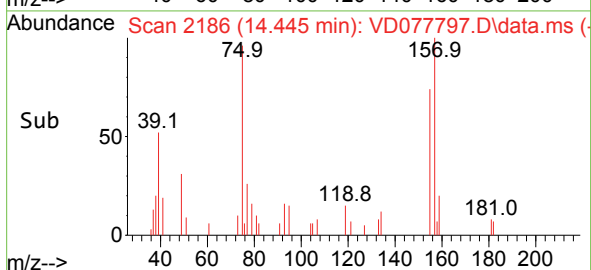
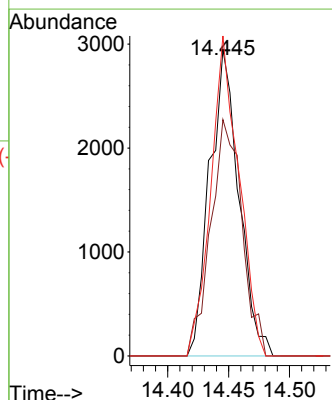
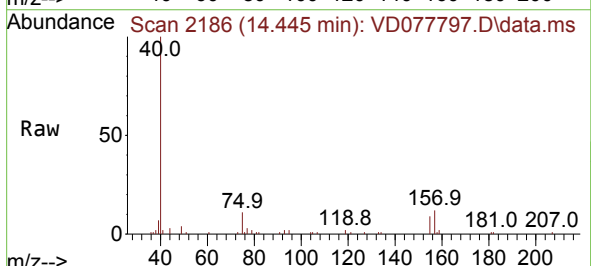
Tgt Ion: 75 Resp: 4919

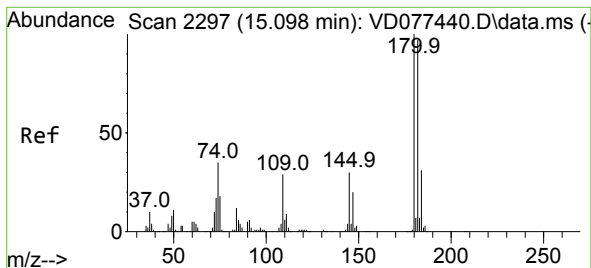
Ion Ratio Lower Upper

75 100

155 82.6 47.9 143.8

157 100.5 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 19.872 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD077797.D

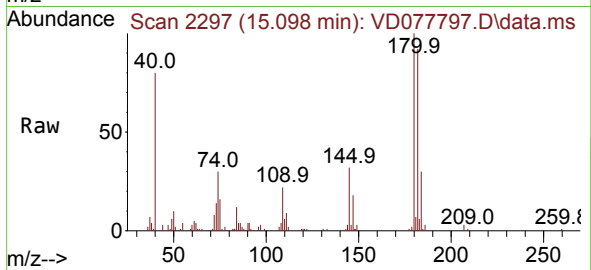
Acq: 08 Dec 2023 18:04

Instrument :

MSVOA_D

ClientSampleId :

VD1208SBSD01



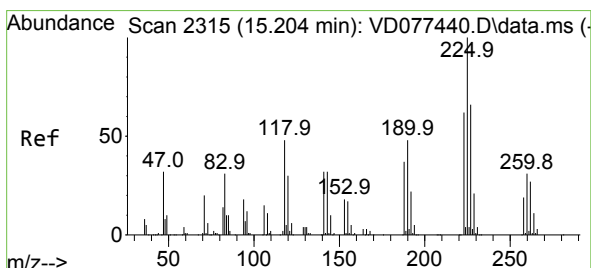
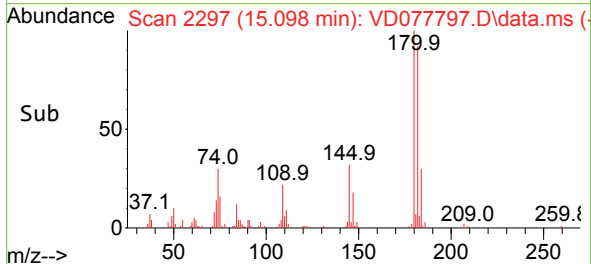
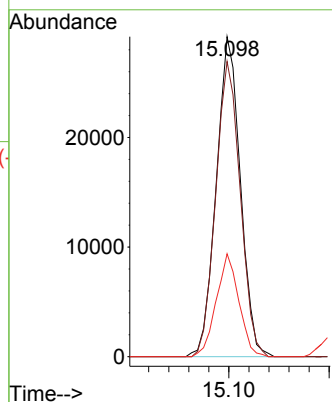
Tgt Ion:180 Resp: 48656

Ion Ratio Lower Upper

180 100

182 93.6 48.5 145.6

145 30.2 14.2 42.6



#94

Hexachlorobutadiene

Concen: 18.882 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD077797.D

Acq: 08 Dec 2023 18:04

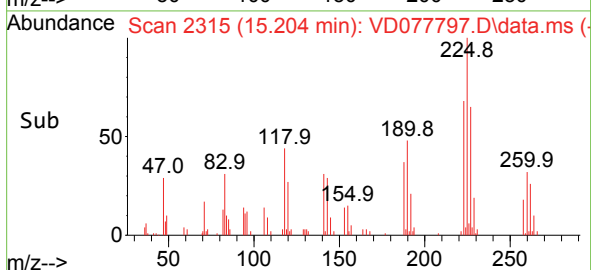
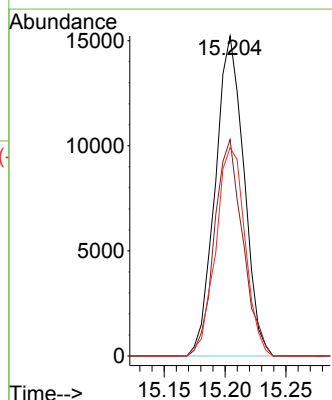
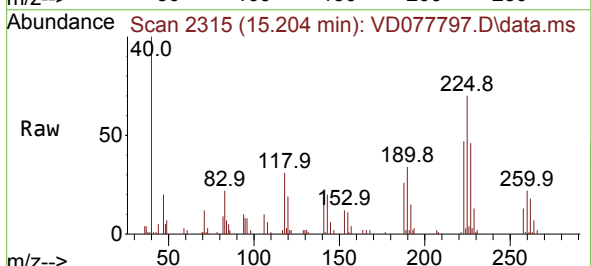
Tgt Ion:225 Resp: 24931

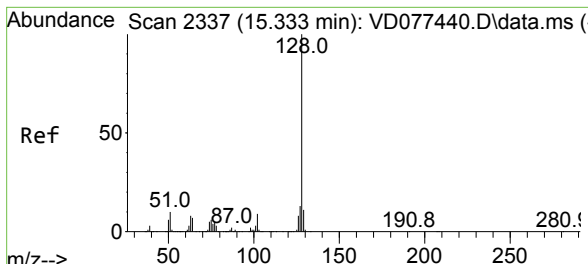
Ion Ratio Lower Upper

225 100

223 66.9 31.6 94.8

227 66.7 31.7 95.1

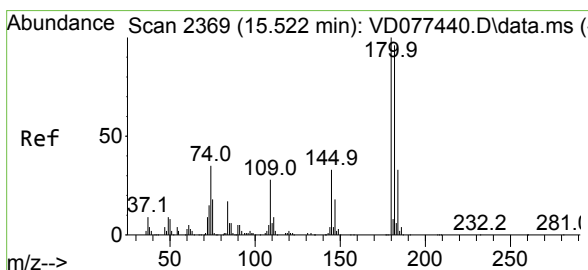
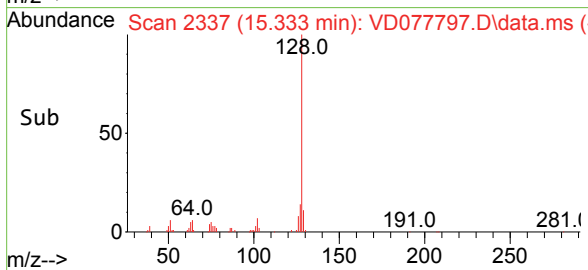
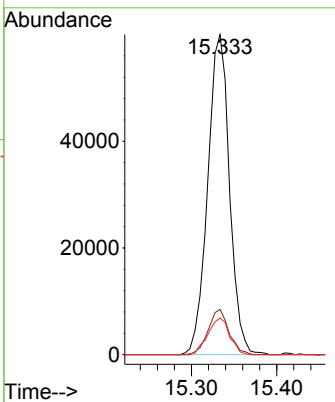
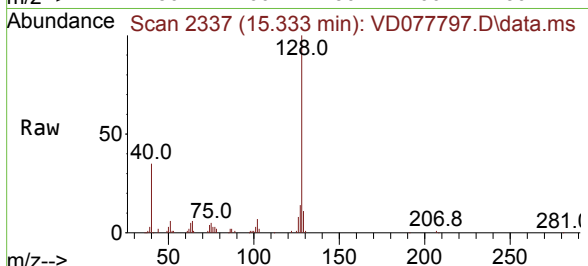




#95
Naphthalene
Concen: 26.184 ug/l
RT: 15.333 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD077797.D
Acq: 08 Dec 2023 18:04

Instrument :
MSVOA_D
ClientSampleId :
VD1208SBSD01

Tgt Ion:	128	Resp:	106524
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: 20.418 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD077797.D
Acq: 08 Dec 2023 18:04

Tgt Ion:	180	Resp:	41215
Ion Ratio	Lower	Upper	
180	100		
182	92.7	47.3	141.9
145	31.0	15.1	45.3

