

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD103023\
 Data File : VD077439.D
 Acq On : 30 Oct 2023 10:41
 Operator : JC/SY
 Sample : VSTDIC020
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 31 03:54:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 03:41:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	361122	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	630564	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	553507	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	254156	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	94356	18.478	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	36.960%#
35) Dibromofluoromethane	7.804	113	83191	19.088	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	38.180%#
50) Toluene-d8	10.269	98	327020	19.318	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	38.640%#
62) 4-Bromofluorobenzene	12.575	95	108691	19.063	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	38.120%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	54769	18.809	ug/l	98
3) Chloromethane	2.152	50	80554	17.425	ug/l	95
4) Vinyl Chloride	2.287	62	80031	17.753	ug/l	98
5) Bromomethane	2.687	94	39371	16.667	ug/l	98
6) Chloroethane	2.840	64	51196	16.868	ug/l	96
7) Trichlorofluoromethane	3.175	101	116850	18.509	ug/l	99
8) Diethyl Ether	3.599	74	40120	17.679	ug/l #	47
9) 1,1,2-Trichlorotrifluo...	3.963	101	72504	19.024	ug/l	95
10) Methyl Iodide	4.164	142	68502	16.484	ug/l #	90
11) Tert butyl alcohol	5.052	59	37675	93.140	ug/l #	88
12) 1,1-Dichloroethene	3.940	96	64180	17.788	ug/l #	70
13) Acrolein	3.799	56	54045	101.319	ug/l	99
14) Allyl chloride	4.558	41	155338	17.846	ug/l #	83
15) Acrylonitrile	5.258	53	112372	91.603	ug/l	98
16) Acetone	4.022	43	121855	90.181	ug/l #	77
17) Carbon Disulfide	4.269	76	135769	15.039	ug/l	97
18) Methyl Acetate	4.558	43	82642	16.767	ug/l #	78
19) Methyl tert-butyl Ether	5.316	73	203461	17.965	ug/l	93
20) Methylene Chloride	4.805	84	98814	17.900	ug/l #	66
21) trans-1,2-Dichloroethene	5.311	96	72662	17.292	ug/l #	75
22) Diisopropyl ether	6.216	45	338497	18.298	ug/l #	88
23) Vinyl Acetate	6.157	43	838076	104.156	ug/l #	83
24) 1,1-Dichloroethane	6.116	63	176606	18.398	ug/l	94
25) 2-Butanone	7.081	43	163158	90.526	ug/l #	70
26) 2,2-Dichloropropane	7.075	77	156120	18.353	ug/l	89
27) cis-1,2-Dichloroethene	7.081	96	92235	17.717	ug/l	64
28) Bromochloromethane	7.422	49	63894	16.170	ug/l #	56
29) Tetrahydrofuran	7.446	42	94072	88.005	ug/l #	70
30) Chloroform	7.599	83	166010	18.523	ug/l	94
31) Cyclohexane	7.875	56	135661	16.995	ug/l #	79
32) 1,1,1-Trichloroethane	7.793	97	135449	18.342	ug/l	95
36) 1,1-Dichloropropene	8.004	75	117291	18.152	ug/l	91
37) Ethyl Acetate	7.175	43	69052	18.621	ug/l #	86
38) Carbon Tetrachloride	7.993	117	111518	18.314	ug/l	99
39) Methylcyclohexane	9.269	83	130095	17.645	ug/l #	79
40) Benzene	8.252	78	334576	18.158	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	45757	19.284	ug/l #	69
42) 1,2-Dichloroethane	8.328	62	106573	18.261	ug/l	94
43) Isopropyl Acetate	8.363	43	140333	18.338	ug/l #	81
44) Trichloroethene	9.028	130	82142	18.199	ug/l	77
45) 1,2-Dichloropropane	9.304	63	100680	18.560	ug/l	100
46) Dibromomethane	9.399	93	47817	18.317	ug/l	88
47) Bromodichloromethane	9.587	83	129531	18.772	ug/l	99
48) Methyl methacrylate	9.381	41	62906	17.221	ug/l #	64
49) 1,4-Dioxane	9.387	88	10438	372.101	ug/l #	60
51) 4-Methyl-2-Pentanone	10.157	43	343594	91.219	ug/l #	83
52) Toluene	10.334	92	205291	18.276	ug/l	99
53) t-1,3-Dichloropropene	10.557	75	135771	18.582	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	156653	18.631	ug/l #	73
55) 1,1,2-Trichloroethane	10.734	97	65161	18.709	ug/l	97
56) Ethyl methacrylate	10.598	69	95322	18.407	ug/l #	61
57) 1,3-Dichloropropane	10.881	76	120397	18.494	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	223181	86.086	ug/l #	85
59) 2-Hexanone	10.922	43	262566	94.625	ug/l	78
60) Dibromochloromethane	11.075	129	77507	18.506	ug/l	94
61) 1,2-Dibromoethane	11.181	107	59699	18.100	ug/l	99
64) Tetrachloroethene	10.810	164	65358	18.547	ug/l	87
65) Chlorobenzene	11.610	112	219488	18.928	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	83237	18.995	ug/l	96
67) Ethyl Benzene	11.687	91	420931	18.866	ug/l	95
68) m/p-Xylenes	11.793	106	303750	37.700	ug/l	80
69) o-Xylene	12.122	106	147946	19.170	ug/l	80
70) Styrene	12.140	104	252072	18.933	ug/l #	90
71) Bromoform	12.298	173	45652	18.792	ug/l #	98
73) Isopropylbenzene	12.422	105	395573	19.090	ug/l	95
74) N-amyl acetate	12.234	43	137214	18.695	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.675	83	76317	18.789	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	105586	31.090	ug/l #	100
77) Bromobenzene	12.704	156	86883	19.049	ug/l	72
78) n-propylbenzene	12.763	91	499754	18.994	ug/l	94
79) 2-Chlorotoluene	12.851	91	282275	18.948	ug/l	88
80) 1,3,5-Trimethylbenzene	12.904	105	331826	19.085	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.469	75	29099	18.171	ug/l #	85
82) 4-Chlorotoluene	12.945	91	291658	18.795	ug/l	88
83) tert-Butylbenzene	13.169	119	278877	19.077	ug/l	87
84) 1,2,4-Trimethylbenzene	13.210	105	326093	18.880	ug/l	94
85) sec-Butylbenzene	13.345	105	426919	19.087	ug/l	95
86) p-Isopropyltoluene	13.463	119	344265	18.936	ug/l	93
87) 1,3-Dichlorobenzene	13.457	146	173890	19.395	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	172615	19.270	ug/l	96
89) n-Butylbenzene	13.787	91	363416	19.232	ug/l	97
90) Hexachloroethane	14.057	117	71491	19.216	ug/l	91
91) 1,2-Dichlorobenzene	13.834	146	150385	19.086	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.445	75	12641	18.473	ug/l	79
93) 1,2,4-Trichlorobenzene	15.098	180	102866	19.004	ug/l	98
94) Hexachlorobutadiene	15.204	225	57041	19.536	ug/l	98
95) Naphthalene	15.334	128	190482	18.447	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	86323	18.475	ug/l	97

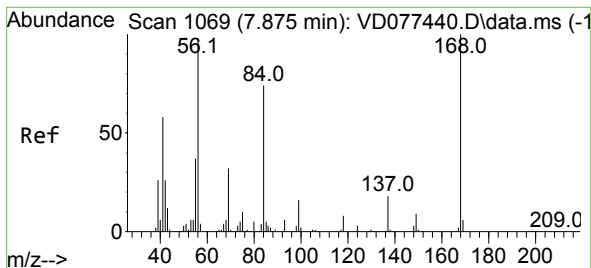
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Quant Title : SW846 8260
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Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD077439.D

Acq: 30 Oct 2023 10:41

Instrument :

MSVOA_D

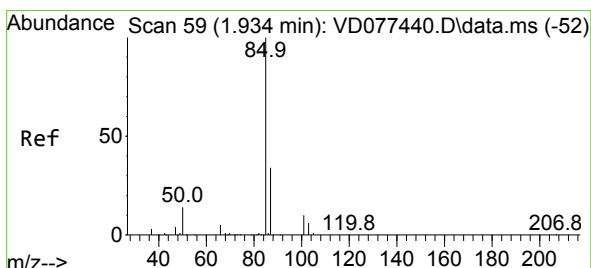
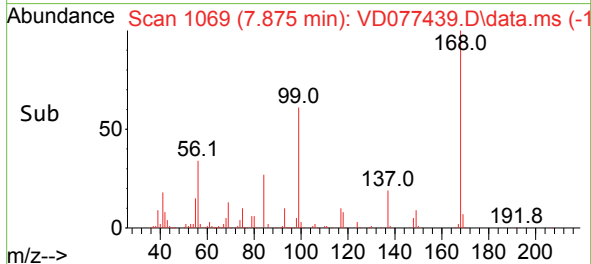
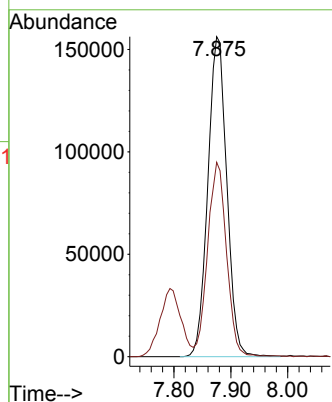
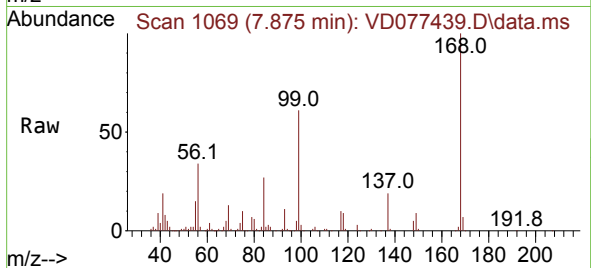
ClientSampleId :

Tgt Ion:168 Resp: 361122

Ion Ratio Lower Upper

168 100

99 60.5 36.7 55.1#



#2

Dichlorodifluoromethane

Concen: 18.809 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD077439.D

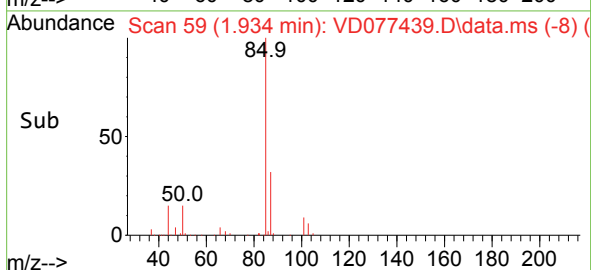
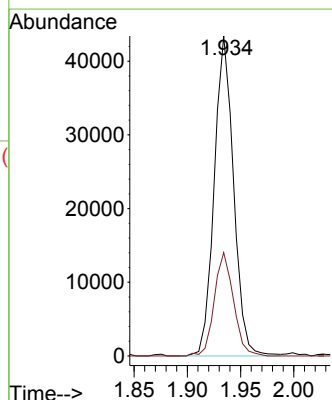
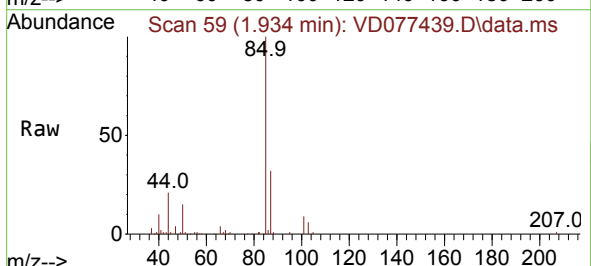
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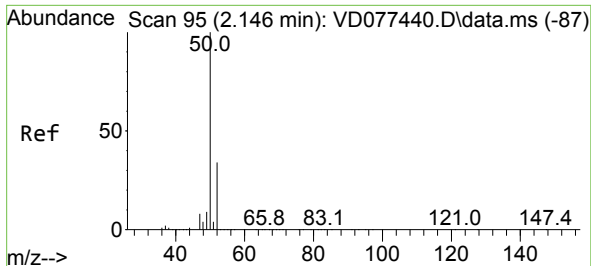
Tgt Ion: 85 Resp: 54769

Ion Ratio Lower Upper

85 100

87 32.3 15.7 47.0

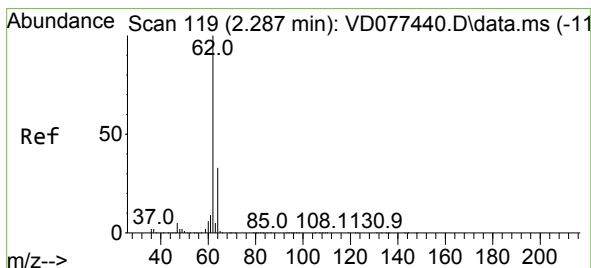
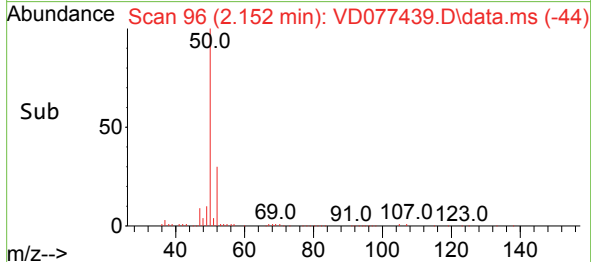
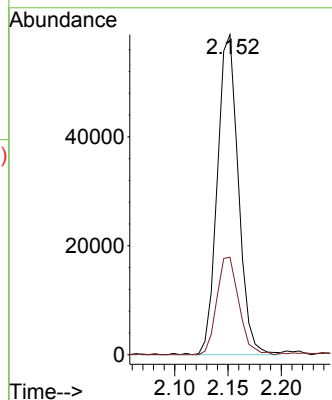
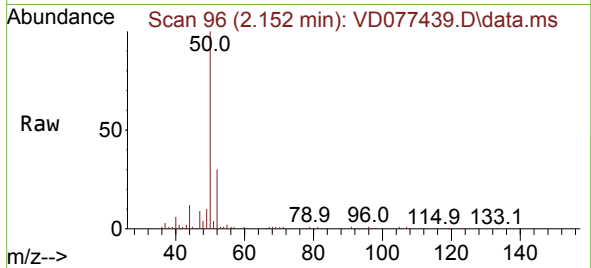




#3
Chloromethane
Concen: 17.425 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD077439.D
Acq: 30 Oct 2023 10:41

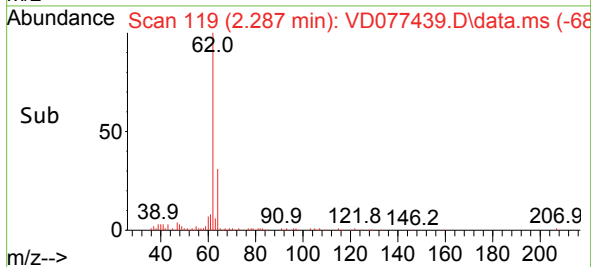
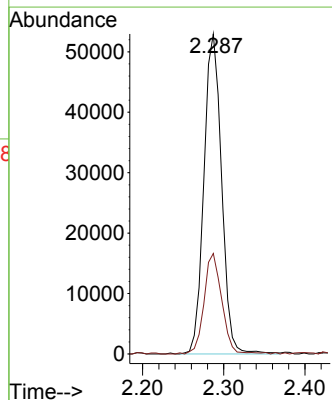
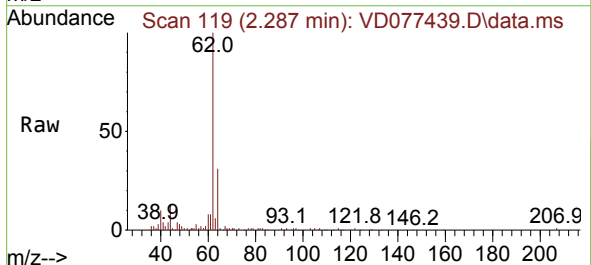
Instrument :
MSVOA_D
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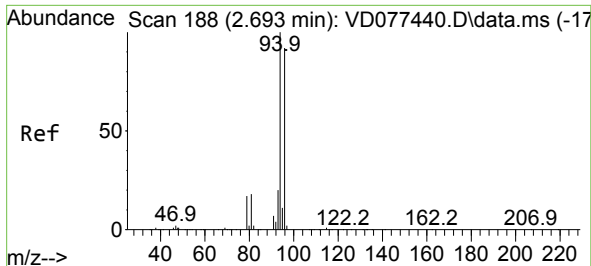
Tgt Ion: 50 Resp: 80554
Ion Ratio Lower Upper
50 100
52 30.4 26.6 40.0



#4
Vinyl Chloride
Concen: 17.753 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077439.D
Acq: 30 Oct 2023 10:41

Tgt Ion: 62 Resp: 80031
Ion Ratio Lower Upper
62 100
64 31.4 26.0 39.0

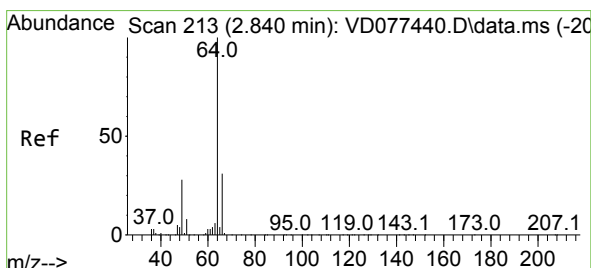
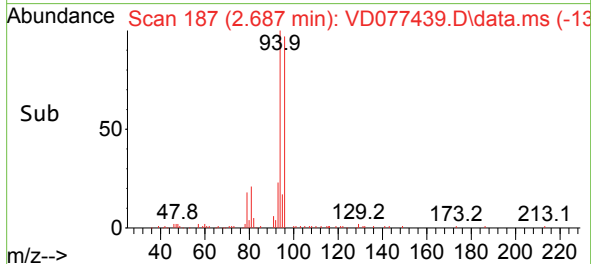
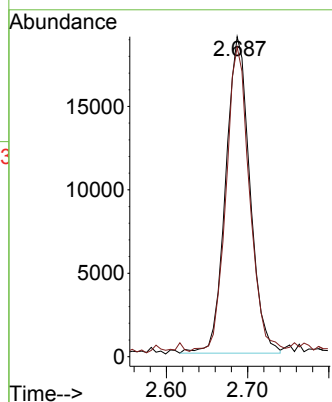
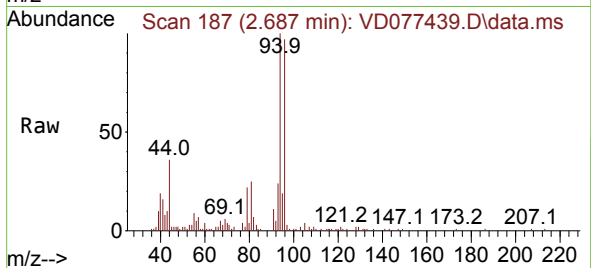




#5
Bromomethane
Concen: 16.667 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD077439.D
Acq: 30 Oct 2023 10:41

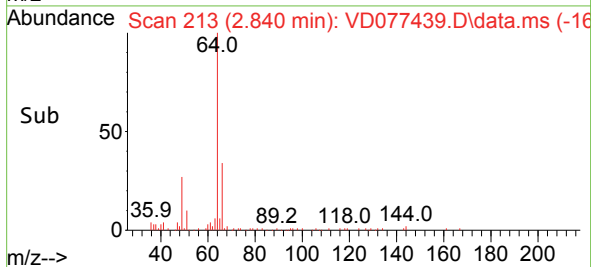
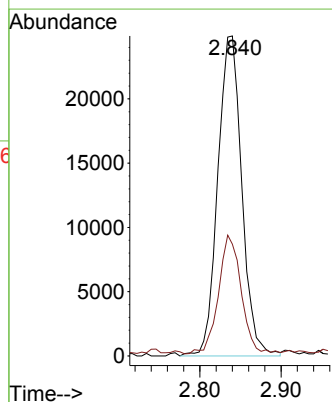
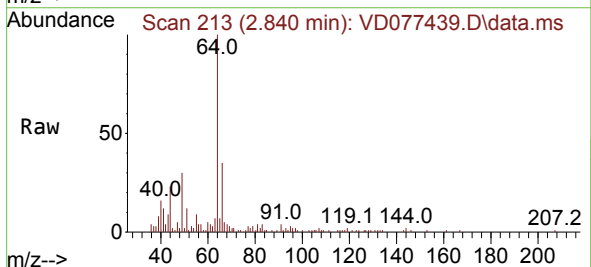
Instrument :
MSVOA_D
ClientSampleId :

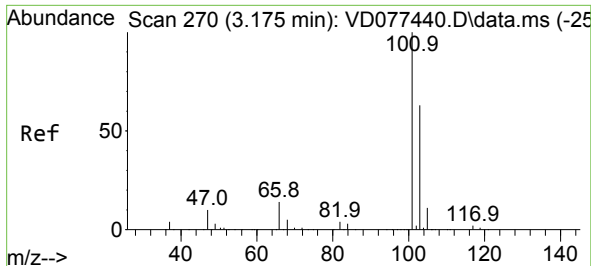
Tgt Ion: 94 Resp: 39371
Ion Ratio Lower Upper
94 100
96 93.0 75.8 113.8



#6
Chloroethane
Concen: 16.868 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD077439.D
Acq: 30 Oct 2023 10:41

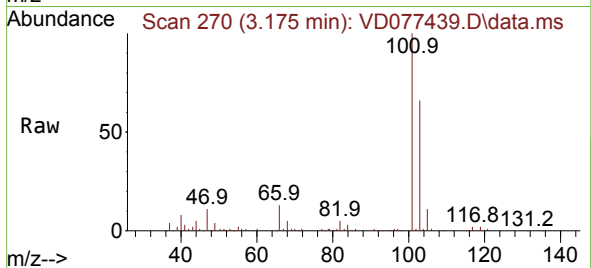
Tgt Ion: 64 Resp: 51196
Ion Ratio Lower Upper
64 100
66 33.9 25.5 38.3



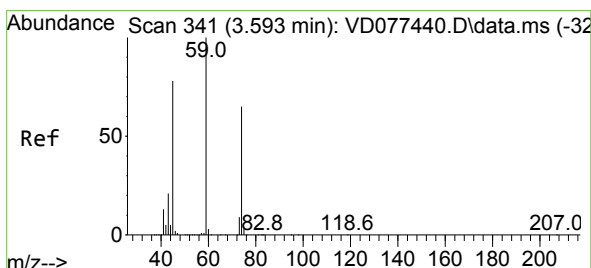
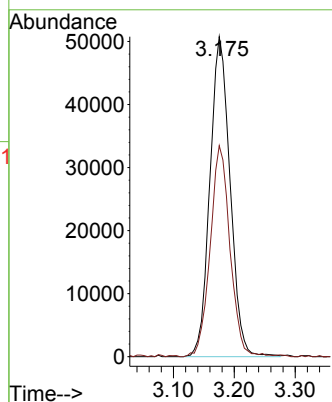
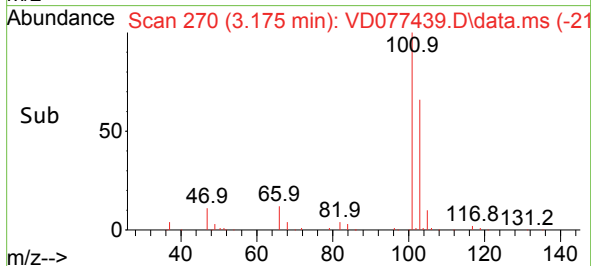


#7
 Trichlorofluoromethane
 Concen: 18.509 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD077439.D
 Acq: 30 Oct 2023 10:41

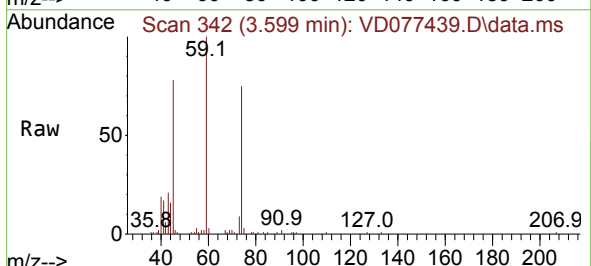
Instrument :
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 ClientSampleId :



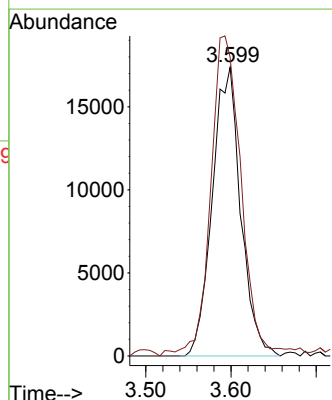
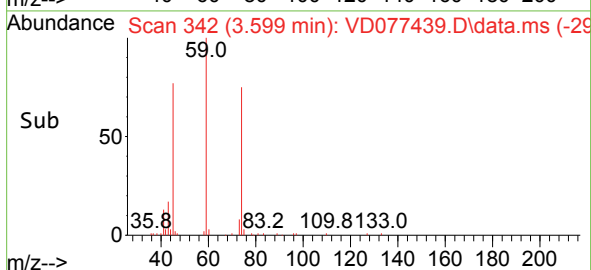
Tgt Ion:101 Resp: 116850
 Ion Ratio Lower Upper
 101 100
 103 65.9 52.3 78.5

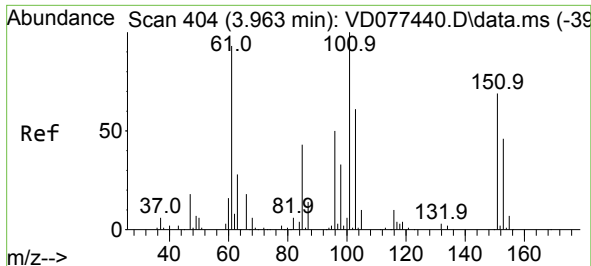


#8
 Diethyl Ether
 Concen: 17.679 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VD077439.D
 Acq: 30 Oct 2023 10:41



Tgt Ion: 74 Resp: 40120
 Ion Ratio Lower Upper
 74 100
 45 120.4 37.5 112.7#

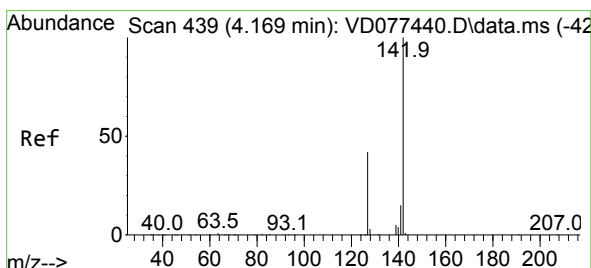
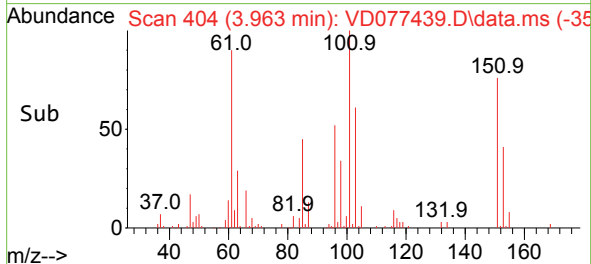
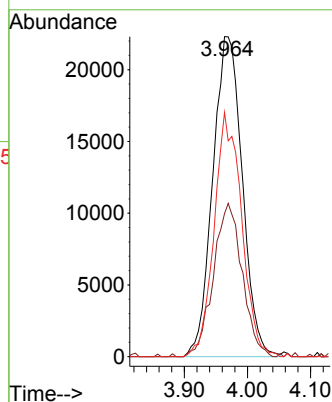
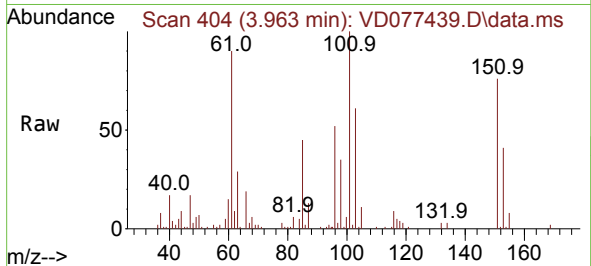




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.024 ug/l
RT: 3.963 min Scan# 404
Delta R.T. 0.000 min
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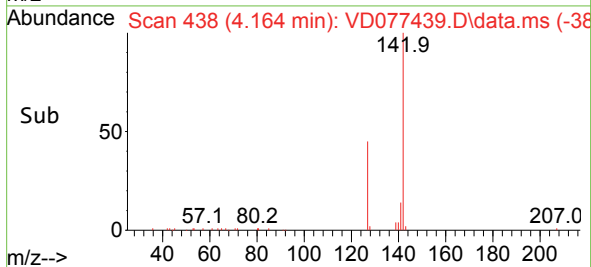
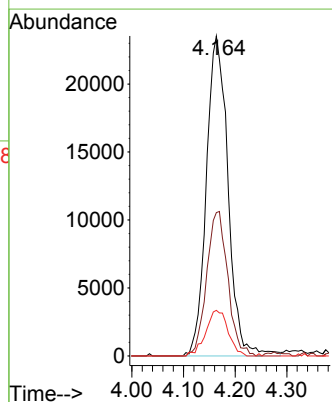
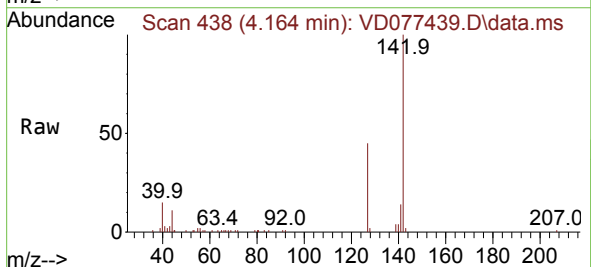
Instrument :
MSVOA_D
ClientSampleId :

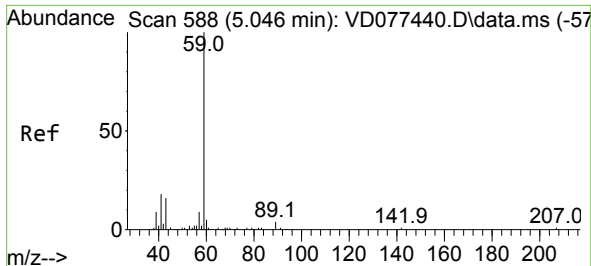
Tgt Ion	Ratio	Lower	Upper
101	100		
85	46.7	33.8	50.6
151	70.9	59.8	89.6



#10
Methyl Iodide
Concen: 16.484 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.005 min
Lab File: VD077439.D
Acq: 30 Oct 2023 10:41

Tgt Ion	Ratio	Lower	Upper
142	100		
127	44.1	29.4	44.0#
141	14.7	11.1	16.7

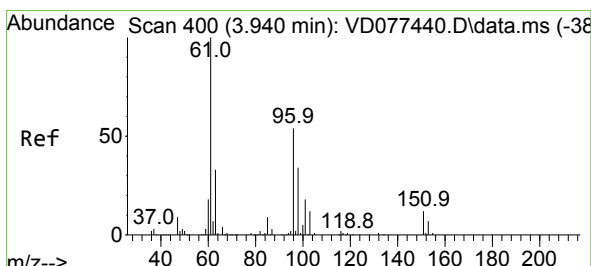
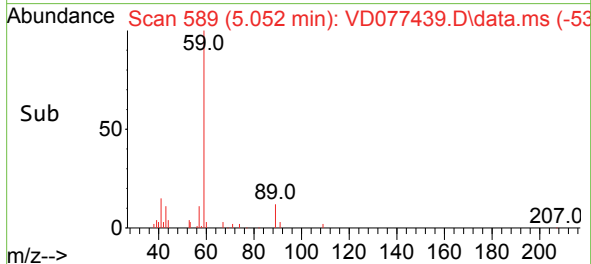
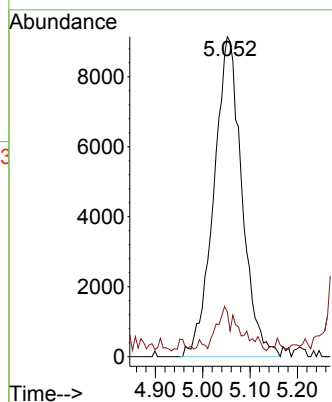
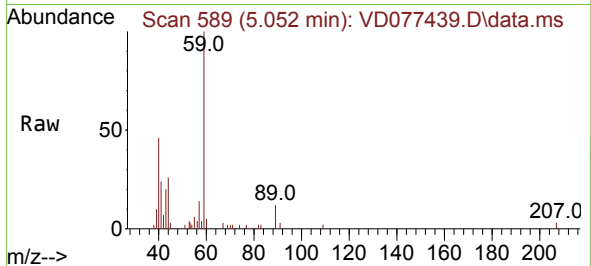




#11
Tert butyl alcohol
Concen: 93.140 ug/l
RT: 5.052 min Scan# 589
Delta R.T. 0.006 min
Lab File: VD077439.D
Acq: 30 Oct 2023 10:41

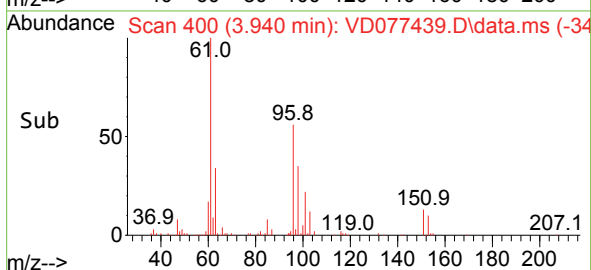
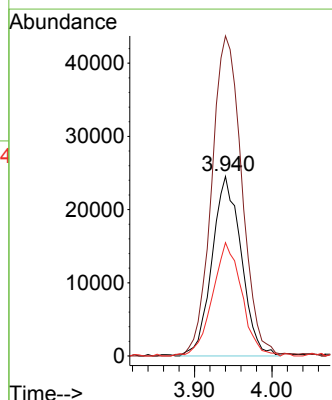
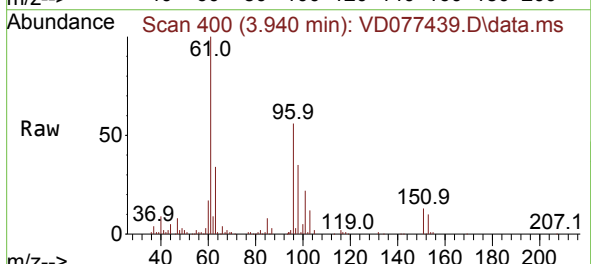
Instrument :
MSVOA_D
ClientSampleId :

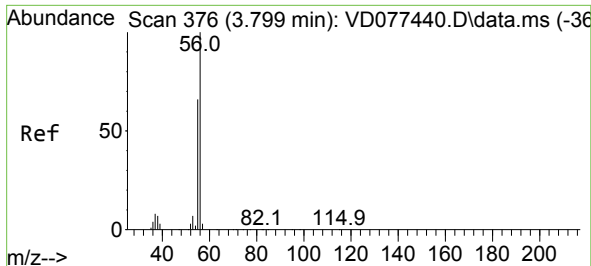
Tgt Ion: 59 Resp: 37675
Ion Ratio Lower Upper
59 100
57 5.5 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 17.788 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD077439.D
Acq: 30 Oct 2023 10:41

Tgt Ion: 96 Resp: 64180
Ion Ratio Lower Upper
96 100
61 177.3 100.6 150.8#
98 63.1 50.2 75.2

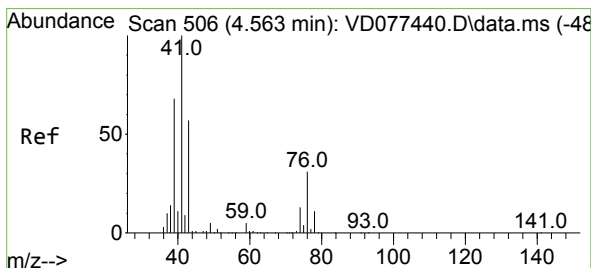
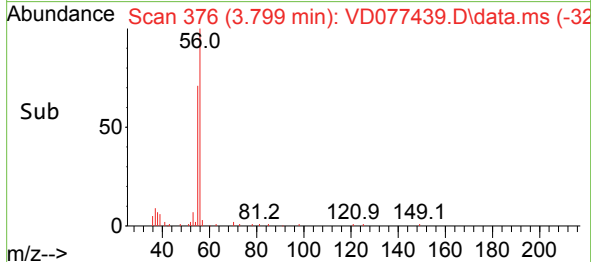
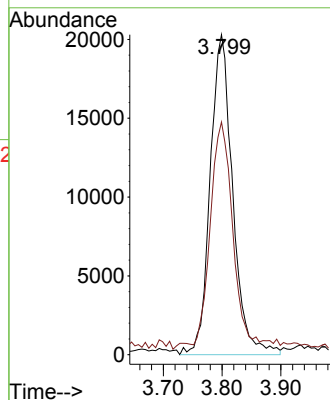
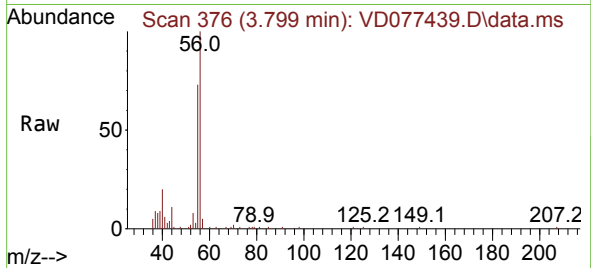




#13
Acrolein
Concen: 101.319 ug/l
RT: 3.799 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD077439.D
Acq: 30 Oct 2023 10:41

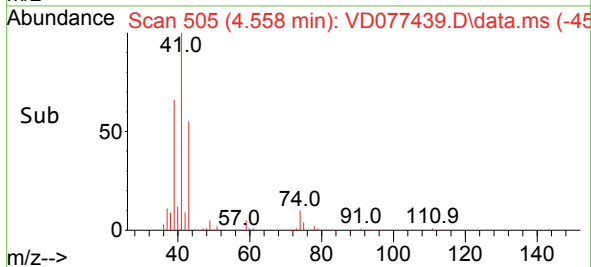
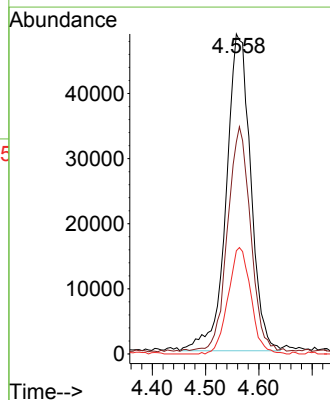
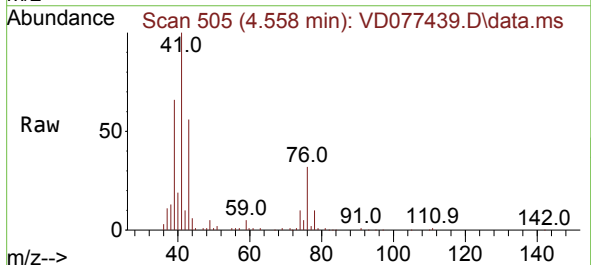
Instrument :
MSVOA_D
ClientSampleId :

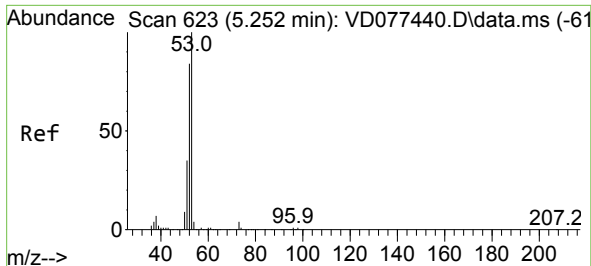
Tgt Ion: 56 Resp: 54045
Ion Ratio Lower Upper
56 100
55 69.4 55.1 82.7



#14
Allyl chloride
Concen: 17.846 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD077439.D
Acq: 30 Oct 2023 10:41

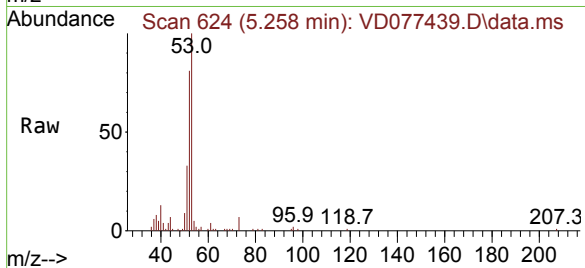
Tgt Ion: 41 Resp: 155338
Ion Ratio Lower Upper
41 100
39 65.9 53.8 80.6
76 31.2 45.8 68.8#





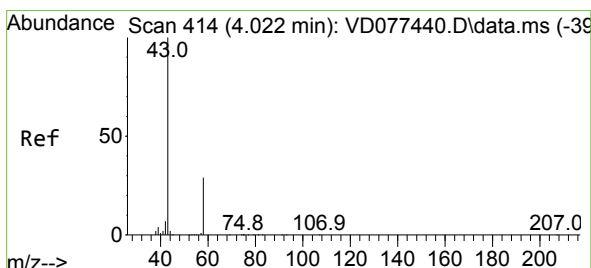
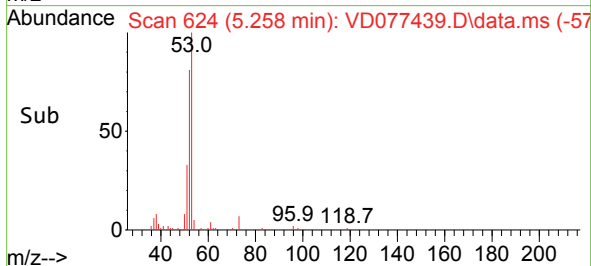
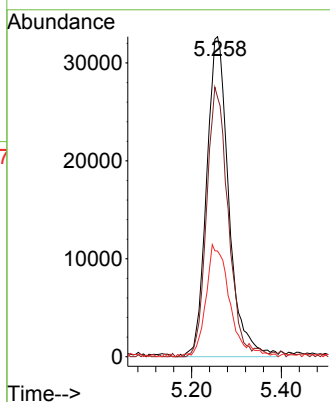
#15
Acrylonitrile
Concen: 91.603 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077439.D
Acq: 30 Oct 2023 10:41

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 53 Resp: 112372

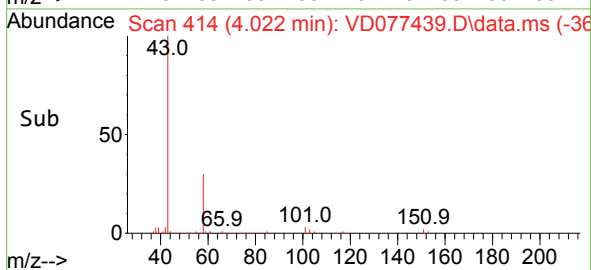
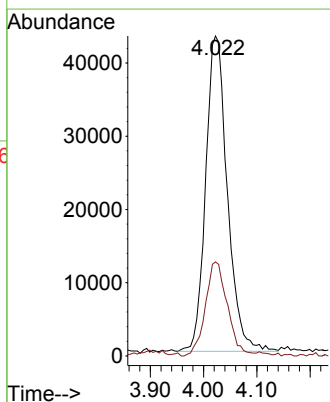
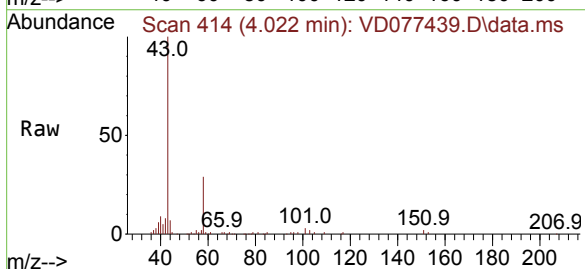
Ion	Ratio	Lower	Upper
53	100		
52	80.6	65.0	97.4
51	37.6	28.3	42.5

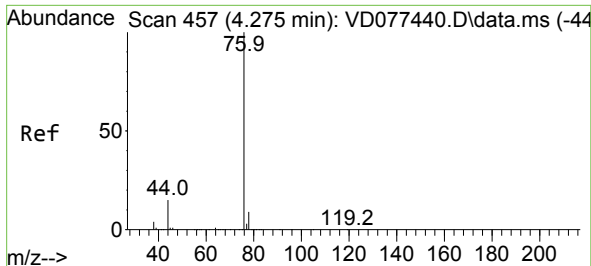


#16
Acetone
Concen: 90.181 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077439.D
Acq: 30 Oct 2023 10:41

Tgt Ion: 43 Resp: 121855

Ion	Ratio	Lower	Upper
43	100		
58	28.9	34.7	52.1#

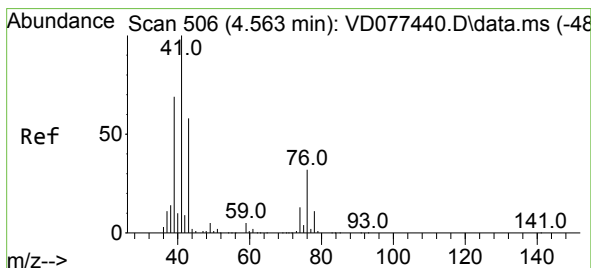
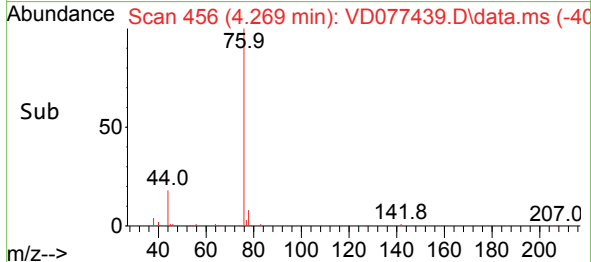
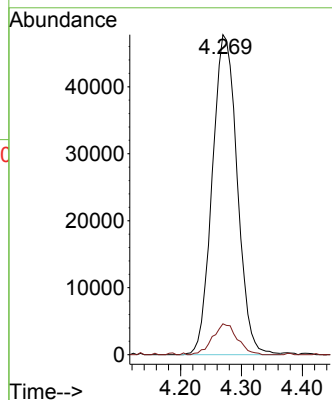
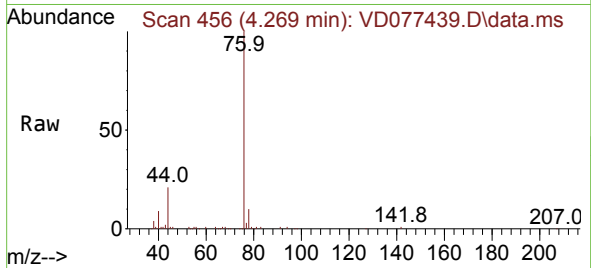




#17
Carbon Disulfide
Concen: 15.039 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD077439.D
Acq: 30 Oct 2023 10:41

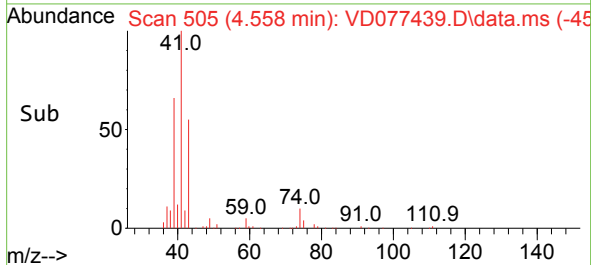
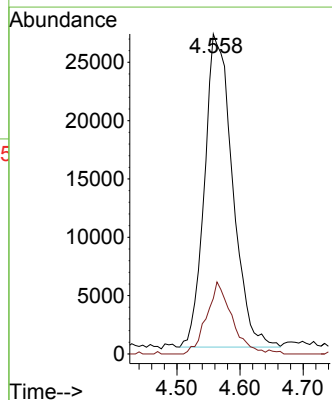
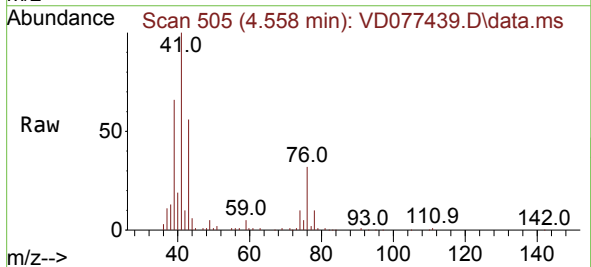
Instrument :
MSVOA_D
ClientSampleId :

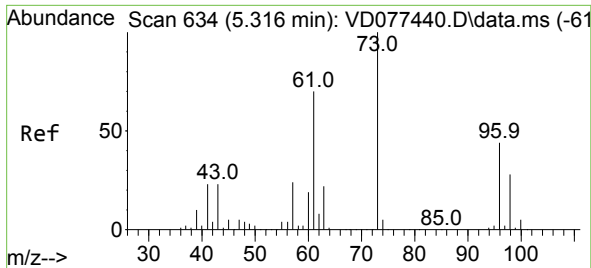
Tgt Ion: 76 Resp: 135769
Ion Ratio Lower Upper
76 100
78 9.7 6.8 10.2



#18
Methyl Acetate
Concen: 16.767 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.005 min
Lab File: VD077439.D
Acq: 30 Oct 2023 10:41

Tgt Ion: 43 Resp: 82642
Ion Ratio Lower Upper
43 100
74 20.7 26.4 39.6#

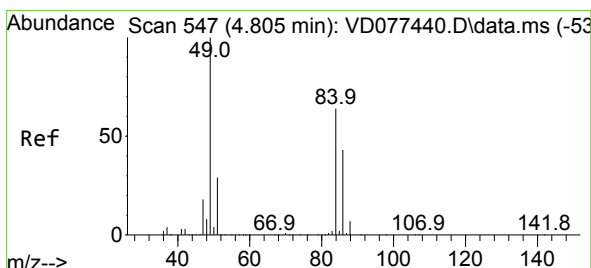
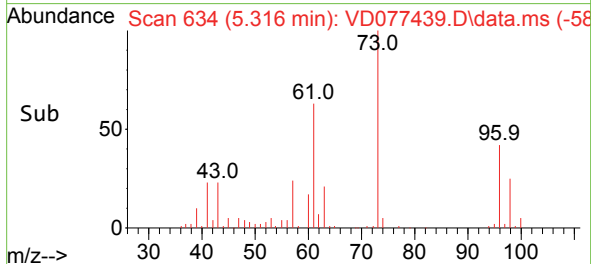
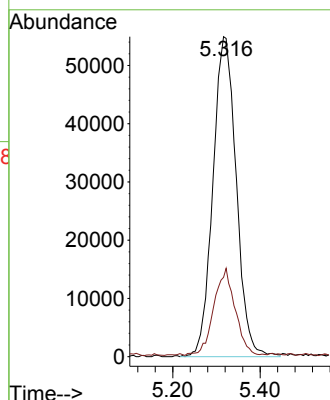
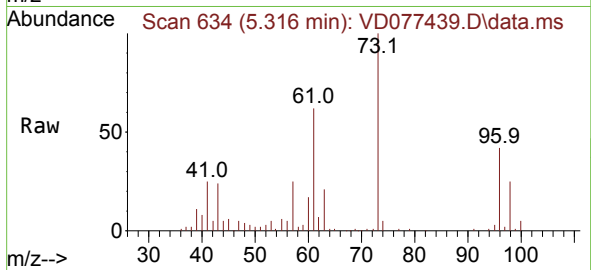




#19
Methyl tert-butyl Ether
Concen: 17.965 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077439.D
Acq: 30 Oct 2023 10:41

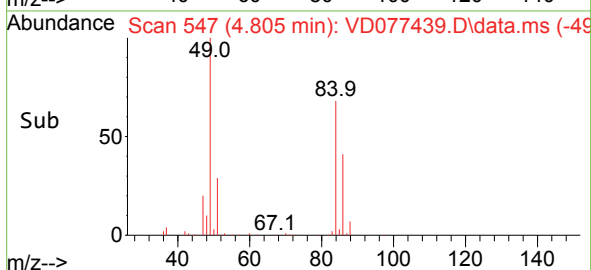
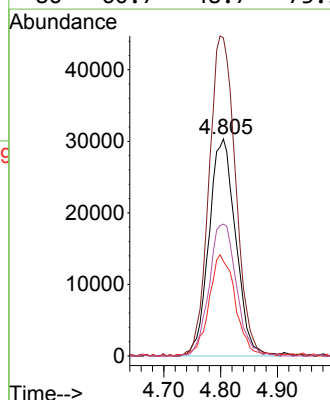
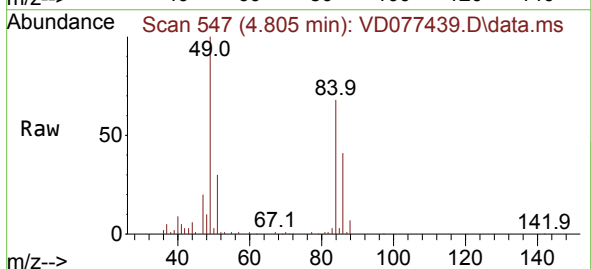
Instrument :
MSVOA_D
ClientSampleId :

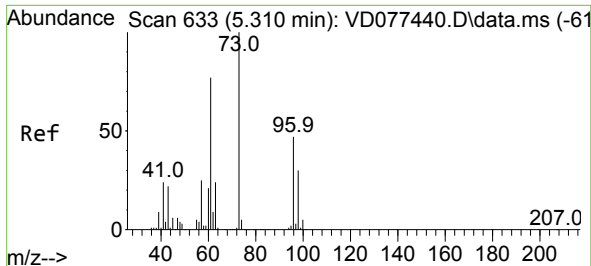
Tgt Ion: 73 Resp: 203461
Ion Ratio Lower Upper
73 100
57 24.0 16.6 25.0



#20
Methylene Chloride
Concen: 17.900 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD077439.D
Acq: 30 Oct 2023 10:41

Tgt Ion: 84 Resp: 98814
Ion Ratio Lower Upper
84 100
49 146.5 71.4 107.2#
51 43.0 24.5 36.7#
86 60.7 48.7 73.1

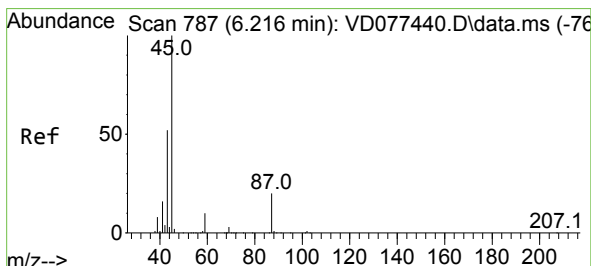
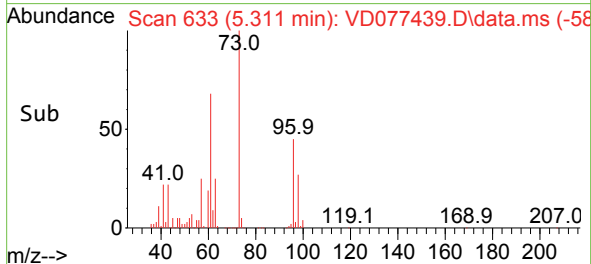
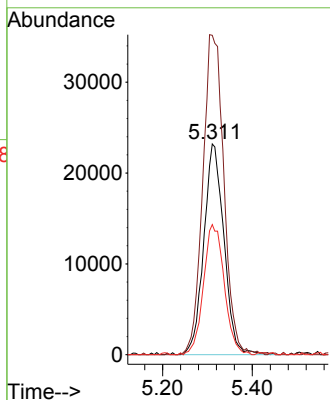
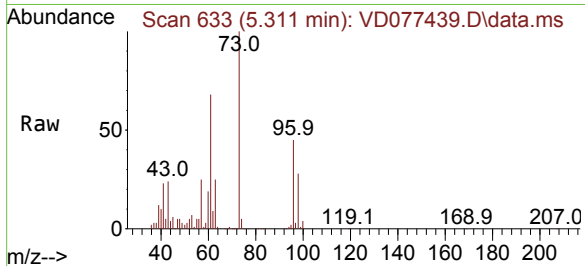




#21
trans-1,2-Dichloroethene
Concen: 17.292 ug/l
RT: 5.311 min Scan# 611
Delta R.T. 0.001 min
Lab File: VD077439.D
Acq: 30 Oct 2023 10:41

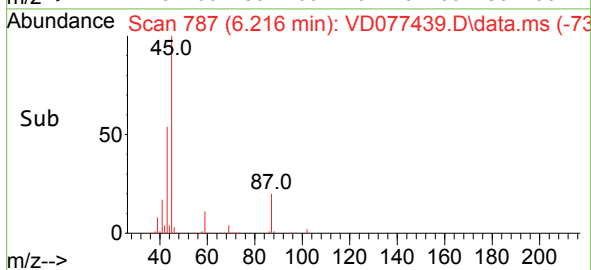
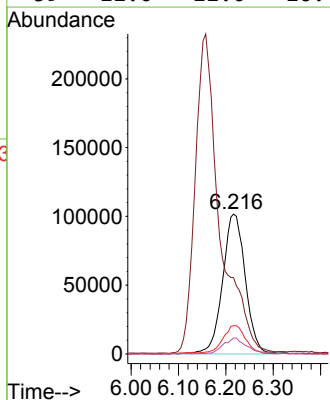
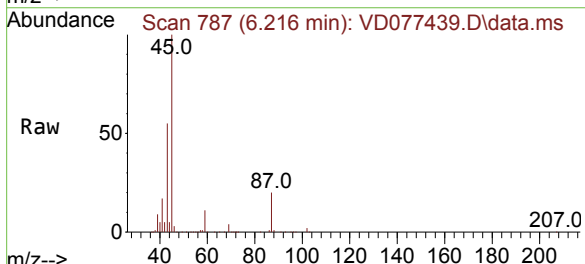
Instrument :
MSVOA_D
ClientSampleId :

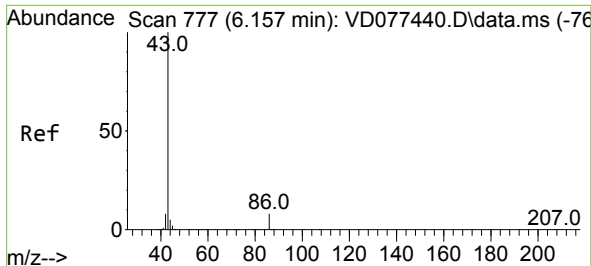
Tgt Ion: 96 Resp: 72662
Ion Ratio Lower Upper
96 100
61 151.6 89.3 133.9#
98 61.7 48.6 73.0



#22
Diisopropyl ether
Concen: 18.298 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077439.D
Acq: 30 Oct 2023 10:41

Tgt Ion: 45 Resp: 338497
Ion Ratio Lower Upper
45 100
43 52.9 40.0 60.0
87 19.9 28.2 42.4#
59 11.0 11.0 16.4

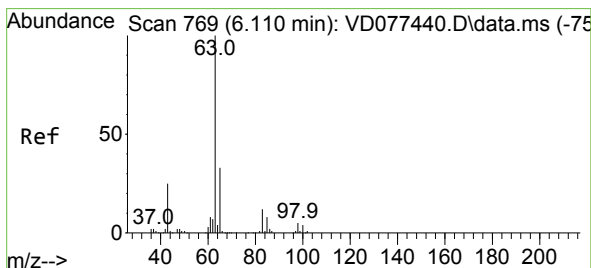
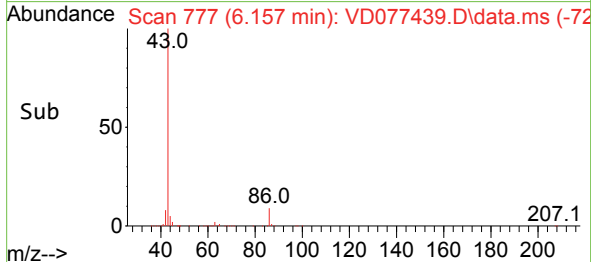
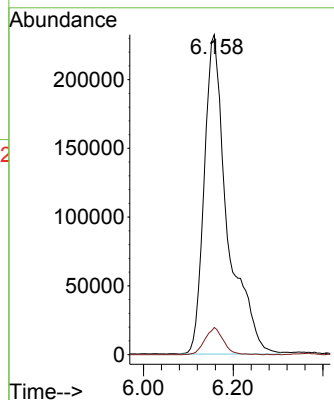
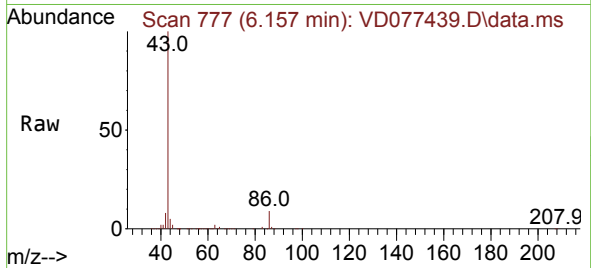




#23
 Vinyl Acetate
 Concen: 104.156 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD077439.D
 Acq: 30 Oct 2023 10:41

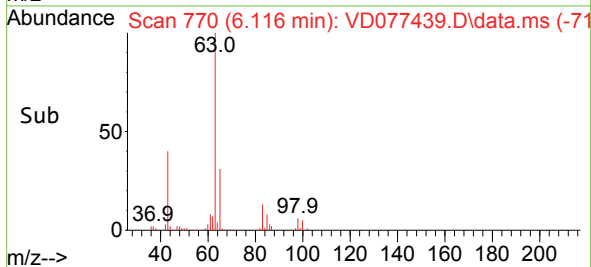
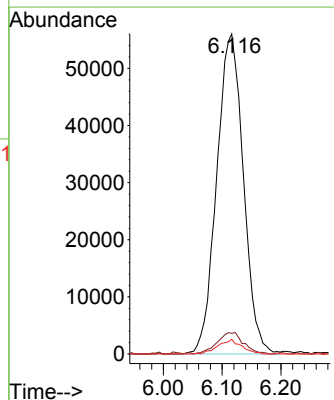
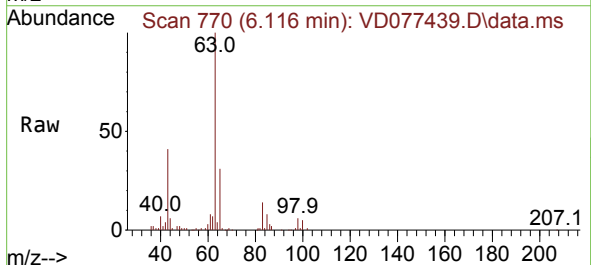
Instrument :
 MSVOA_D
 ClientSampleId :

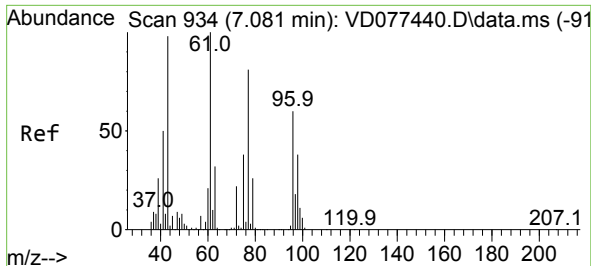
Tgt Ion: 43 Resp: 838076
 Ion Ratio Lower Upper
 43 100
 86 8.5 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 18.398 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD077439.D
 Acq: 30 Oct 2023 10:41

Tgt Ion: 63 Resp: 176606
 Ion Ratio Lower Upper
 63 100
 98 6.1 4.5 13.7
 100 4.6 2.5 7.5

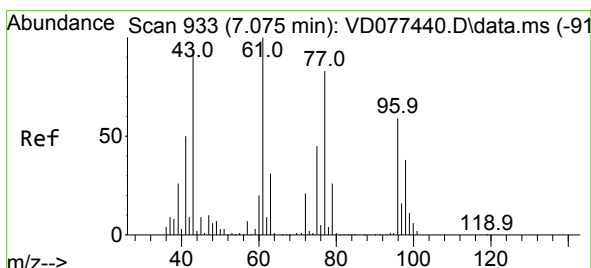
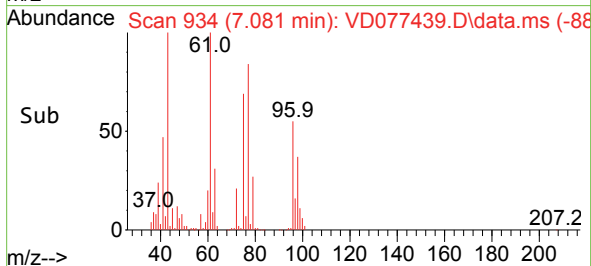
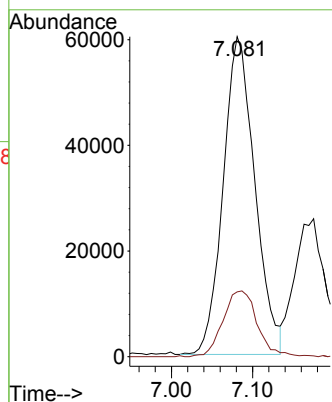
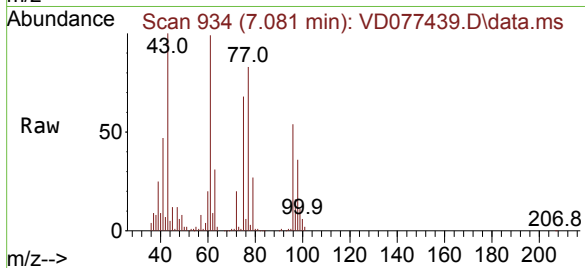




#25
2-Butanone
Concen: 90.526 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077439.D
Acq: 30 Oct 2023 10:41

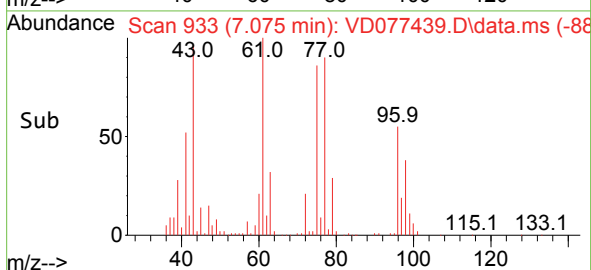
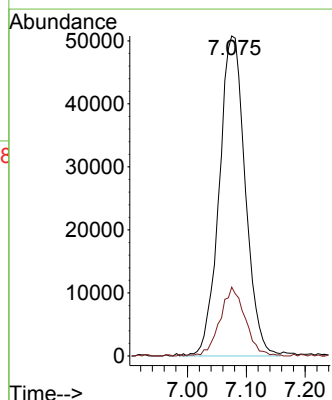
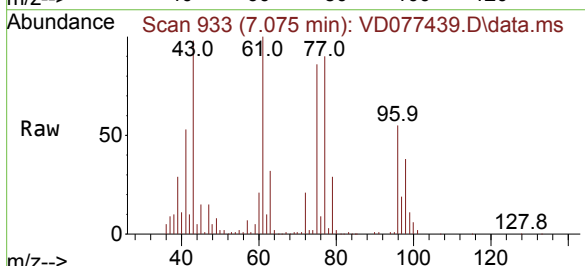
Instrument :
MSVOA_D
ClientSampleId :

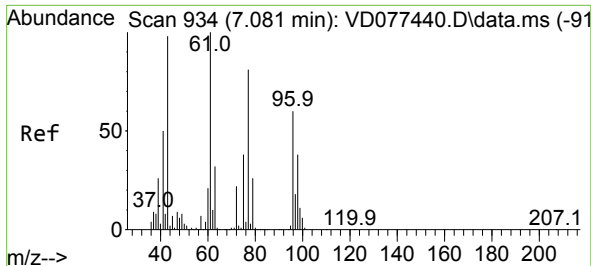
Tgt Ion: 43 Resp: 163158
Ion Ratio Lower Upper
43 100
72 20.1 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 18.353 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD077439.D
Acq: 30 Oct 2023 10:41

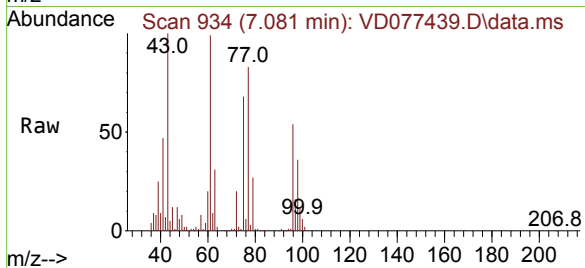
Tgt Ion: 77 Resp: 156120
Ion Ratio Lower Upper
77 100
97 20.8 13.2 39.6



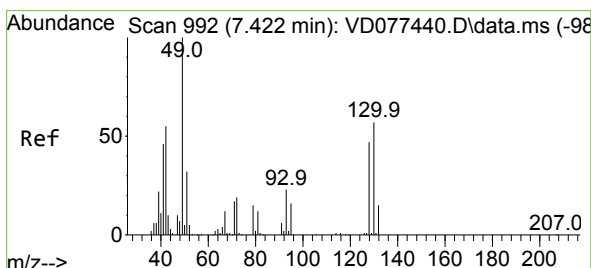
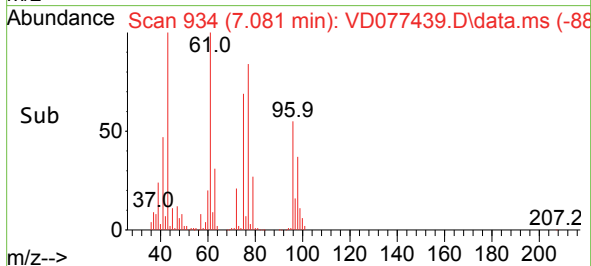
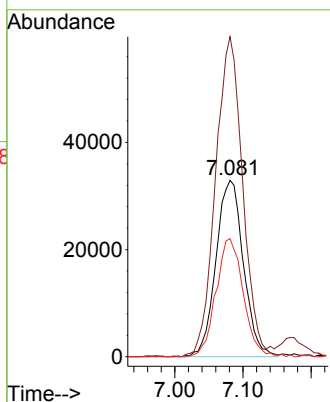


#27
 cis-1,2-Dichloroethene
 Concen: 17.717 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD077439.D
 Acq: 30 Oct 2023 10:41

Instrument :
 MSVOA_D
 ClientSampleId :

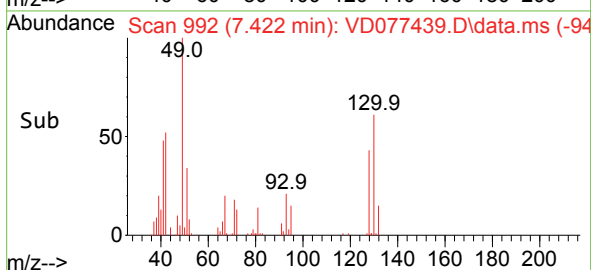
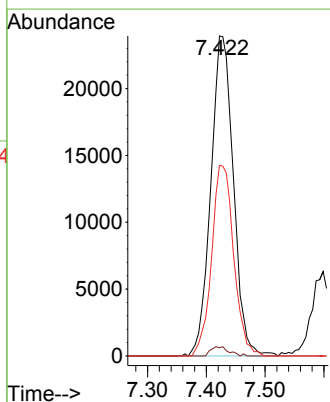
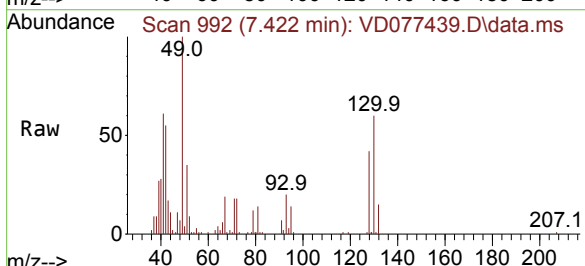


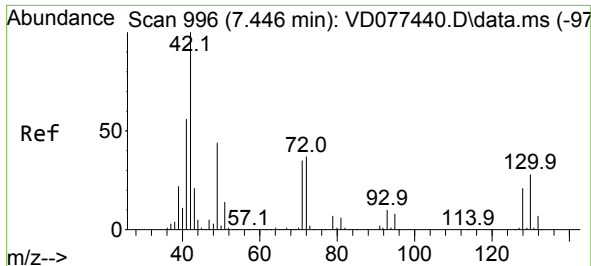
Tgt Ion: 96 Resp: 92235
 Ion Ratio Lower Upper
 96 100
 61 179.8 0.0 239.2
 98 66.5 0.0 128.6



#28
 Bromochloromethane
 Concen: 16.170 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. 0.000 min
 Lab File: VD077439.D
 Acq: 30 Oct 2023 10:41

Tgt Ion: 49 Resp: 63894
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 6.0
 130 58.3 83.2 124.8#





#29

Tetrahydrofuran

Concen: 88.005 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

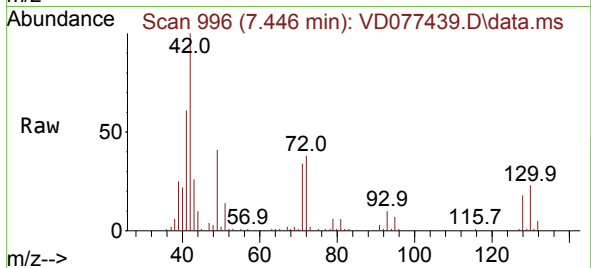
Lab File: VD077439.D

Acq: 30 Oct 2023 10:41

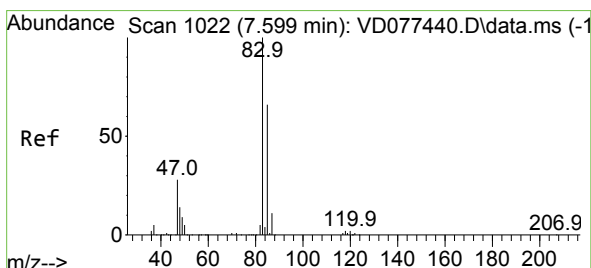
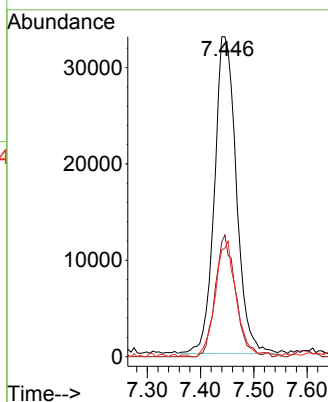
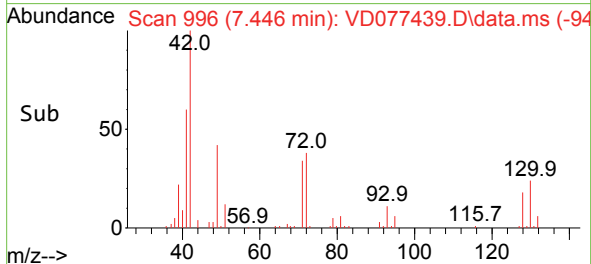
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	42	Resp:	94072
Ion Ratio	Lower	Upper	
42	100		
72	35.4	46.5	69.7#
71	34.6	44.5	66.7#



#30

Chloroform

Concen: 18.523 ug/l

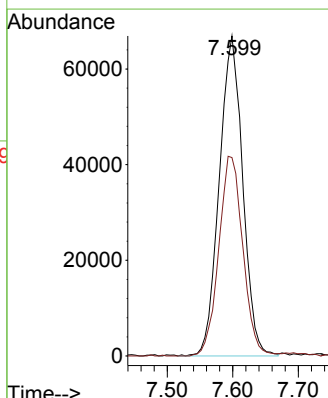
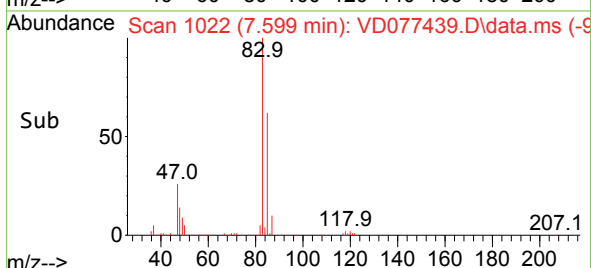
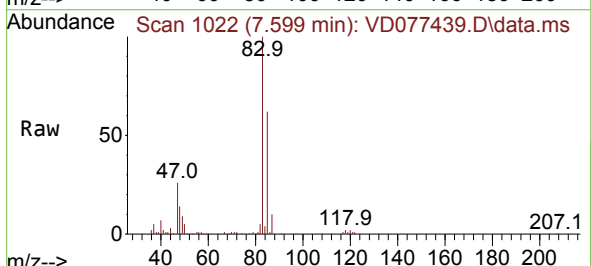
RT: 7.599 min Scan# 1022

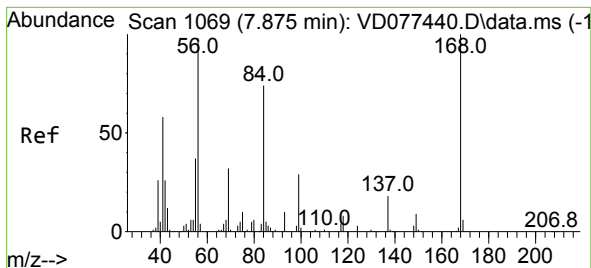
Delta R.T. 0.000 min

Lab File: VD077439.D

Acq: 30 Oct 2023 10:41

Tgt Ion:	83	Resp:	166010
Ion Ratio	Lower	Upper	
83	100		
85	62.0	53.4	80.2





#31

Cyclohexane

Concen: 16.995 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD077439.D

Acq: 30 Oct 2023 10:41

Instrument :

MSVOA_D

ClientSampleId :

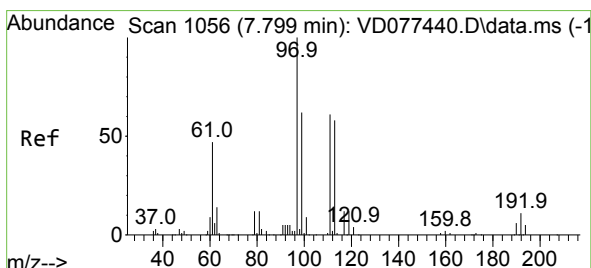
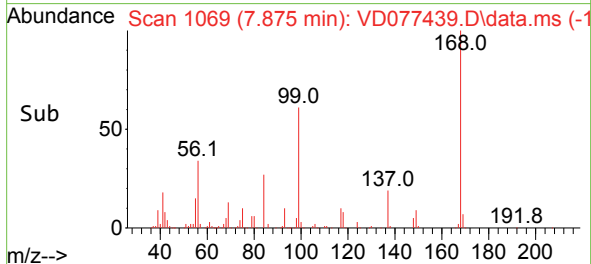
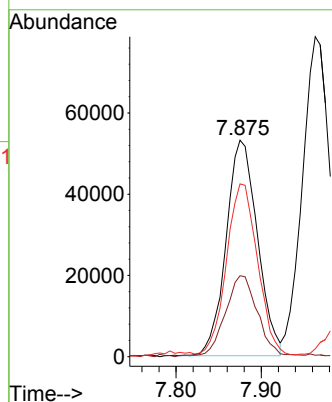
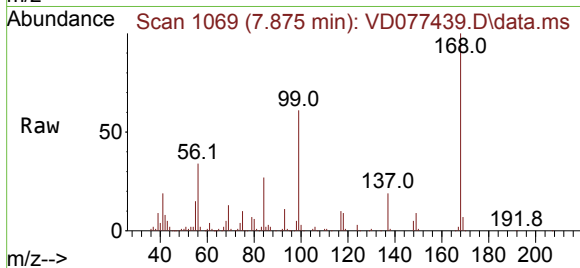
Tgt Ion: 56 Resp: 135661

Ion Ratio Lower Upper

56 100

69 36.9 28.6 43.0

84 78.2 84.8 127.2#



#32

1,1,1-Trichloroethane

Concen: 18.342 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VD077439.D

Acq: 30 Oct 2023 10:41

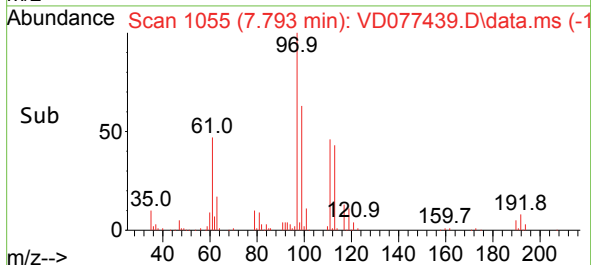
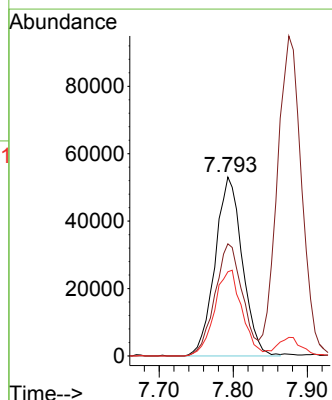
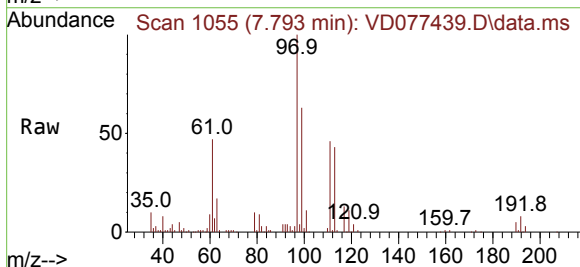
Tgt Ion: 97 Resp: 135449

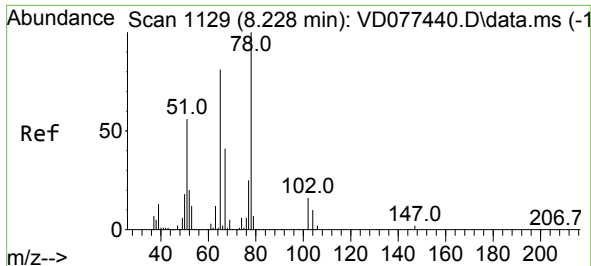
Ion Ratio Lower Upper

97 100

99 63.5 52.0 78.0

61 48.3 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 18.478 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD077439.D

Acq: 30 Oct 2023 10:41

Instrument :

MSVOA_D

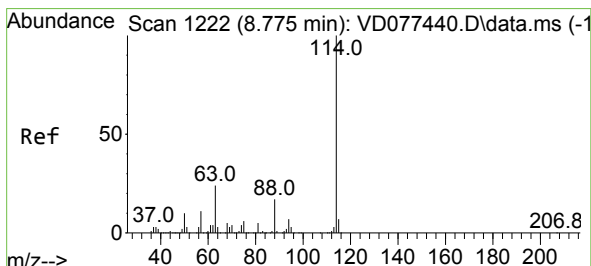
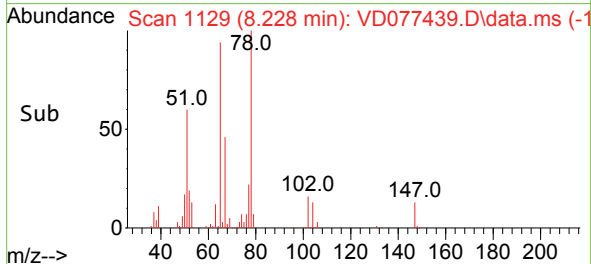
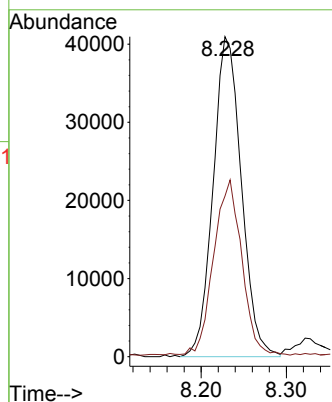
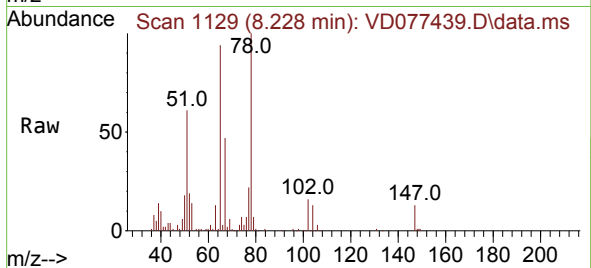
ClientSampleId :

Tgt Ion: 65 Resp: 94356

Ion Ratio Lower Upper

65 100

67 54.3 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD077439.D

Acq: 30 Oct 2023 10:41

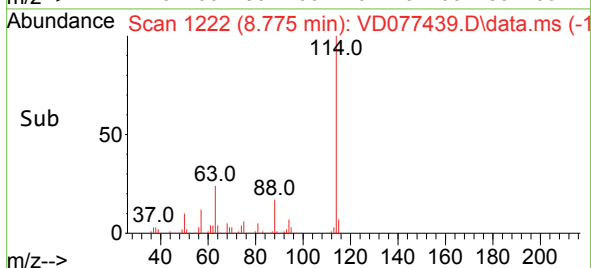
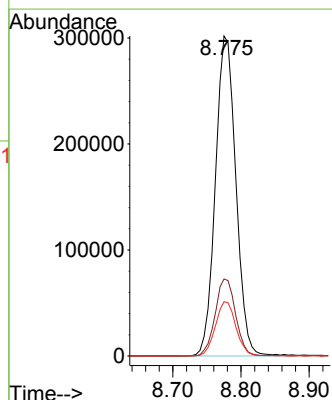
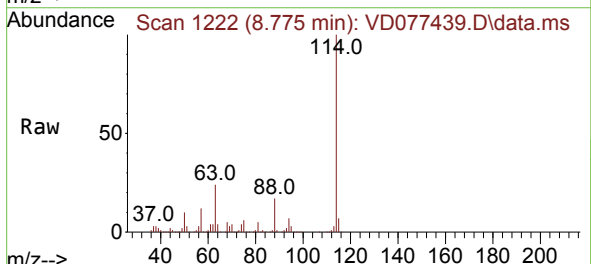
Tgt Ion: 114 Resp: 630564

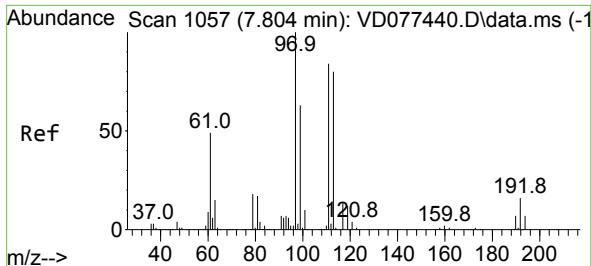
Ion Ratio Lower Upper

114 100

63 24.1 0.0 33.4

88 16.9 0.0 26.2





#35

Dibromofluoromethane

Concen: 19.088 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077439.D

Acq: 30 Oct 2023 10:41

Instrument :

MSVOA_D

ClientSampleId :

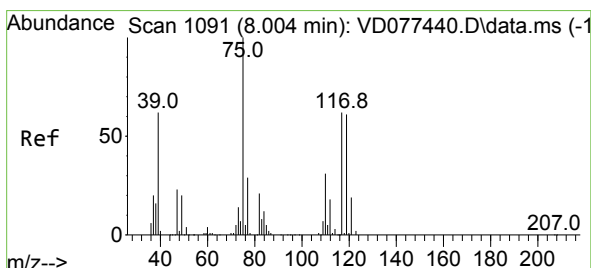
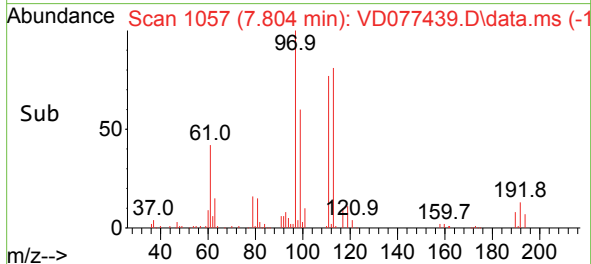
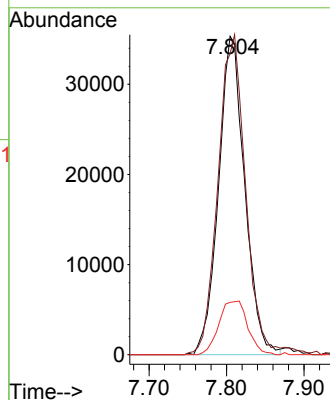
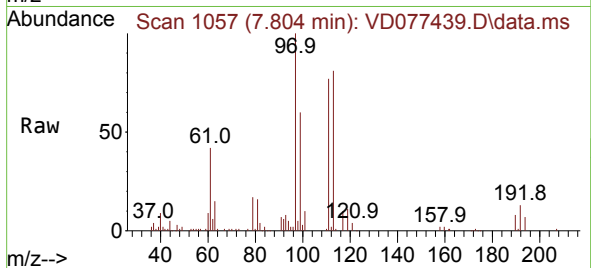
Tgt Ion:113 Resp: 83191

Ion Ratio Lower Upper

113 100

111 106.1 84.7 127.1

192 18.4 16.8 25.2



#36

1,1-Dichloropropene

Concen: 18.152 ug/l

RT: 8.004 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VD077439.D

Acq: 30 Oct 2023 10:41

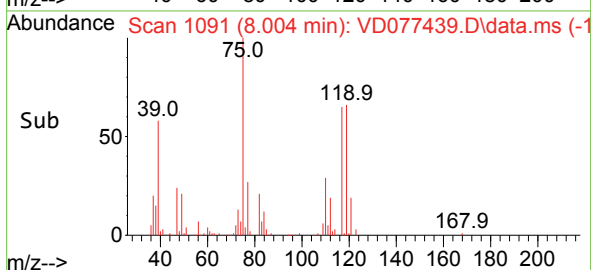
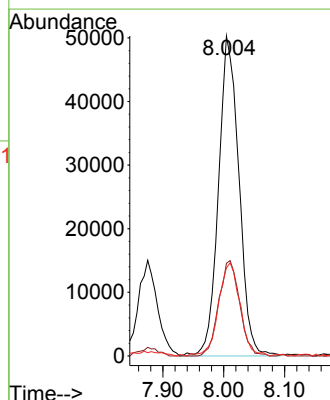
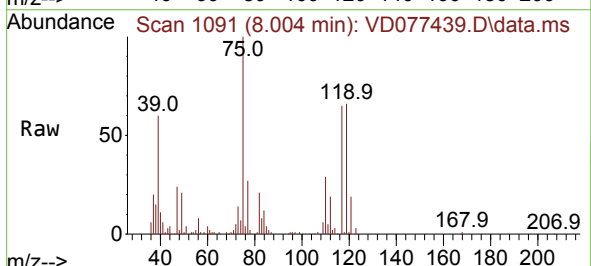
Tgt Ion: 75 Resp: 117291

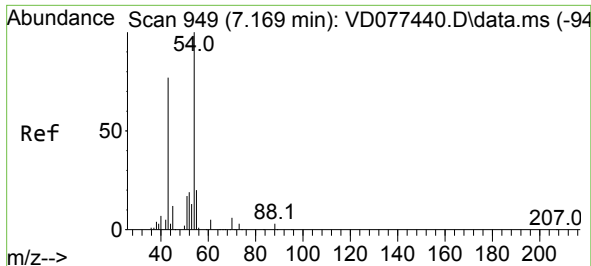
Ion Ratio Lower Upper

75 100

110 30.5 19.9 59.6

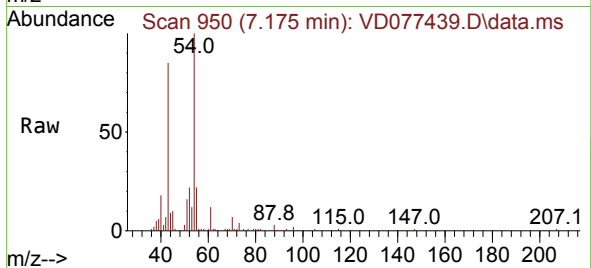
77 30.7 24.7 37.1



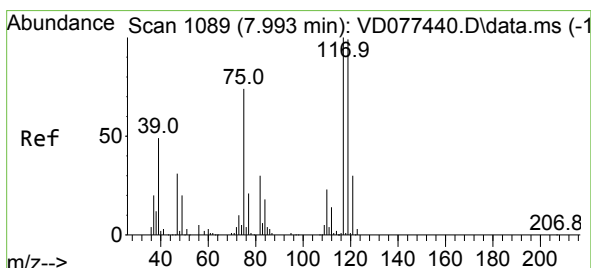
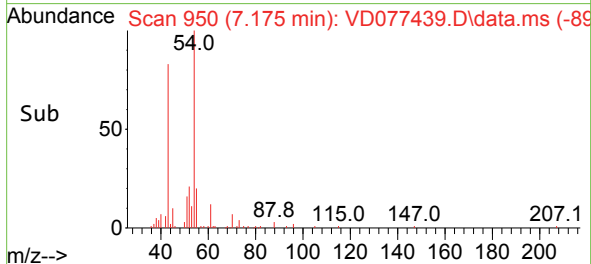
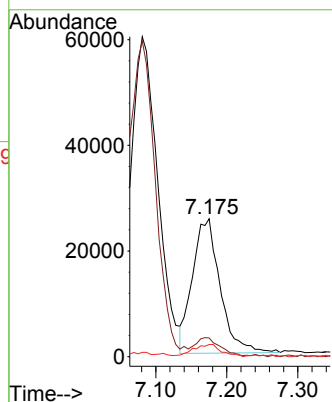


#37
Ethyl Acetate
Concen: 18.621 ug/l
RT: 7.175 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077439.D
Acq: 30 Oct 2023 10:41

Instrument :
MSVOA_D
ClientSampleId :

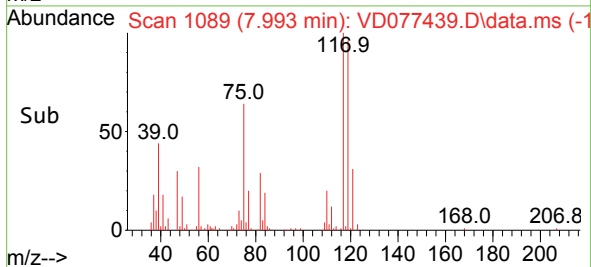
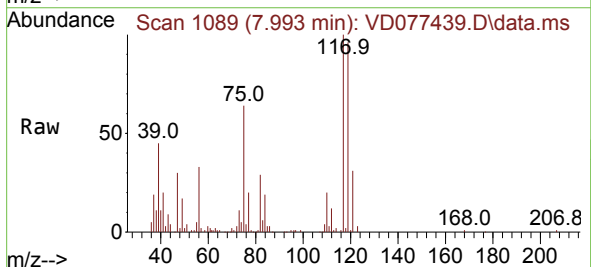
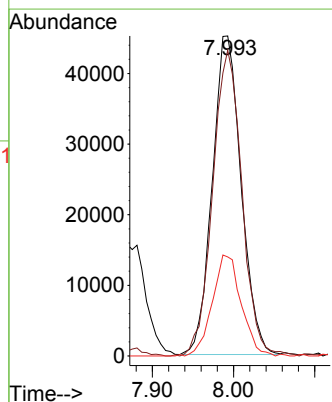


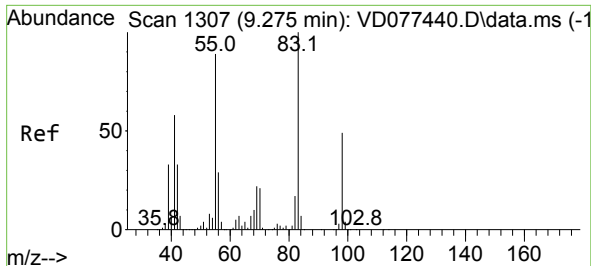
Tgt Ion: 43 Resp: 69052
Ion Ratio Lower Upper
43 100
61 11.5 14.9 22.3#
70 8.3 10.0 15.0#



#38
Carbon Tetrachloride
Concen: 18.314 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD077439.D
Acq: 30 Oct 2023 10:41

Tgt Ion: 117 Resp: 111518
Ion Ratio Lower Upper
117 100
119 96.0 78.0 117.0
121 30.6 24.2 36.2





#39

Methylcyclohexane

Concen: 17.645 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

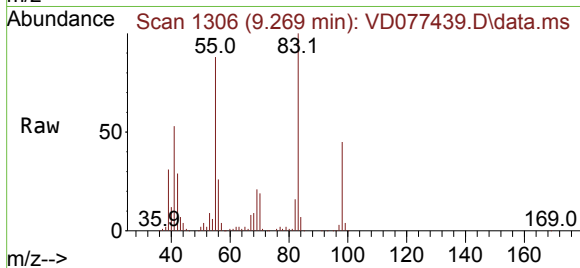
Lab File: VD077439.D

Acq: 30 Oct 2023 10:41

Instrument :

MSVOA_D

ClientSampleId :



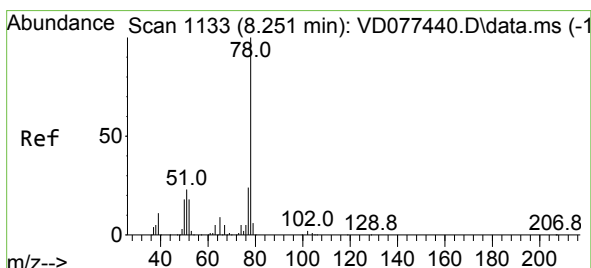
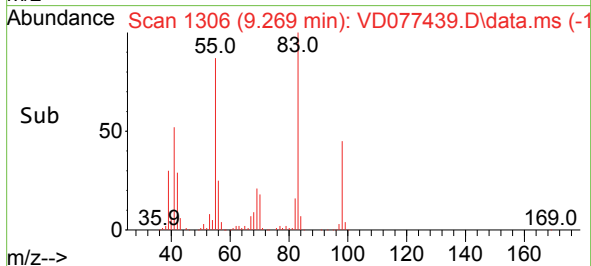
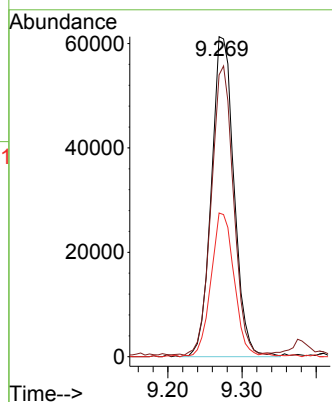
Tgt Ion: 83 Resp: 130095

Ion Ratio Lower Upper

83 100

55 87.2 49.4 74.0#

98 44.9 38.4 57.6



#40

Benzene

Concen: 18.158 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD077439.D

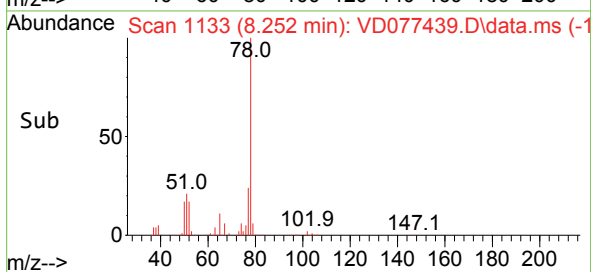
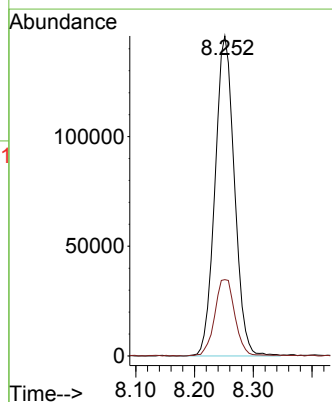
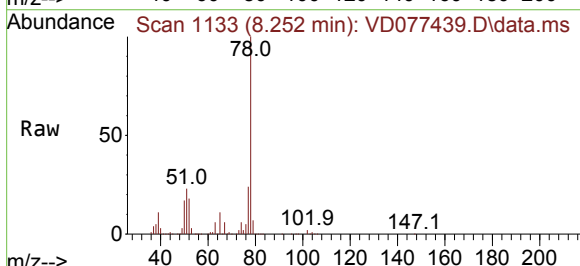
Acq: 30 Oct 2023 10:41

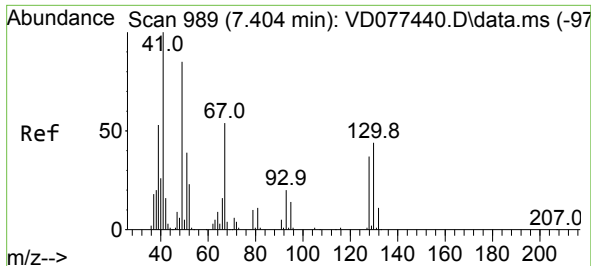
Tgt Ion: 78 Resp: 334576

Ion Ratio Lower Upper

78 100

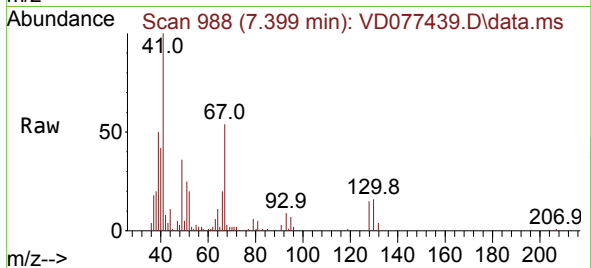
77 23.7 19.4 29.0



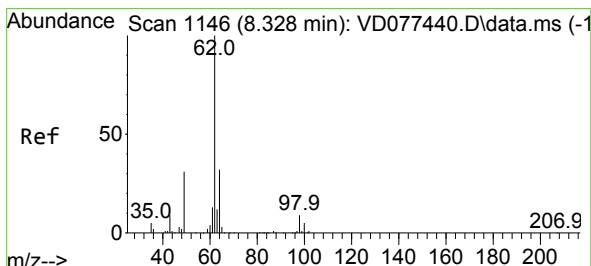
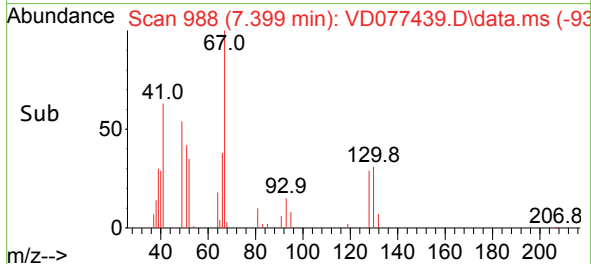
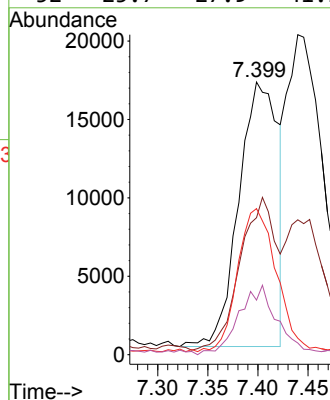


#41
Methacrylonitrile
Concen: 19.284 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD077439.D
Acq: 30 Oct 2023 10:41

Instrument :
MSVOA_D
ClientSampleId :

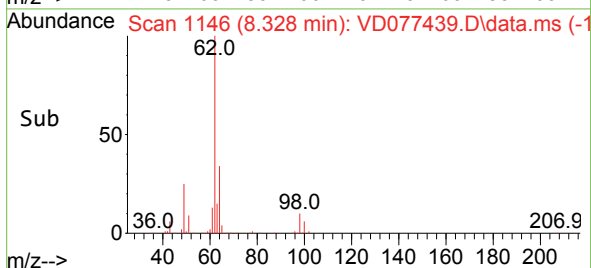
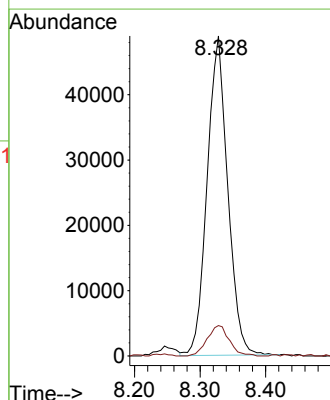
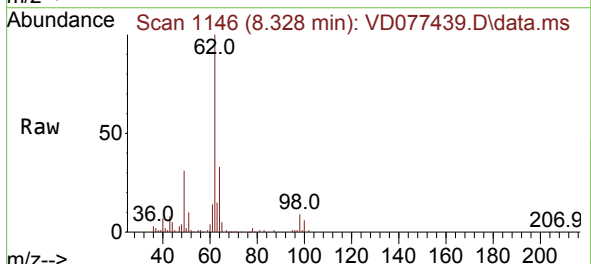


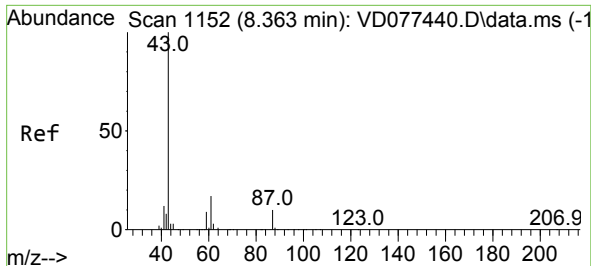
Tgt Ion: 41 Resp: 45757
Ion Ratio Lower Upper
41 100
39 53.1 34.0 51.0#
67 54.2 77.0 115.4#
52 25.7 27.9 41.9#



#42
1,2-Dichloroethane
Concen: 18.261 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD077439.D
Acq: 30 Oct 2023 10:41

Tgt Ion: 62 Resp: 106573
Ion Ratio Lower Upper
62 100
98 10.3 0.0 25.4

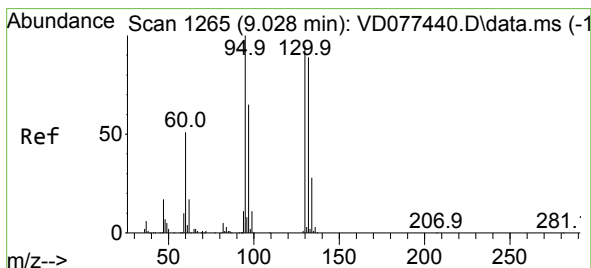
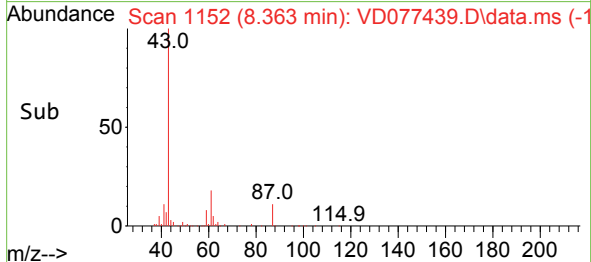
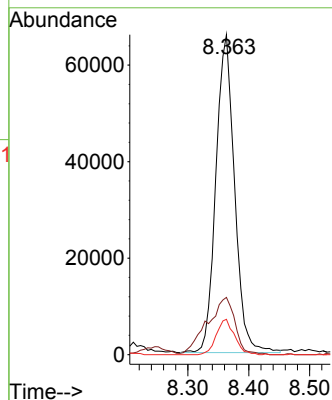
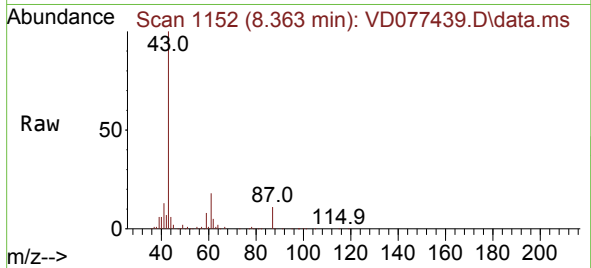




#43
Isopropyl Acetate
Concen: 18.338 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD077439.D
Acq: 30 Oct 2023 10:41

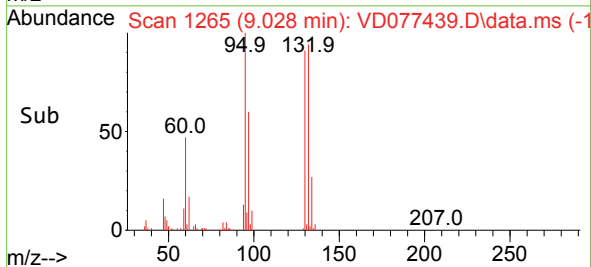
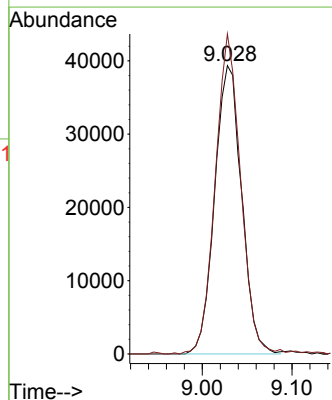
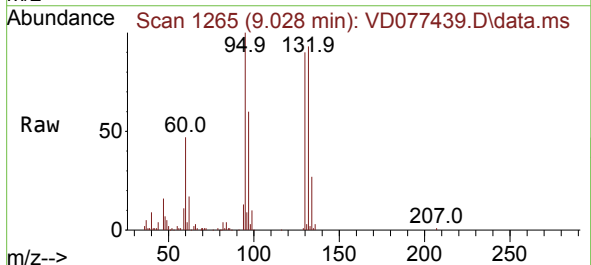
Instrument :
MSVOA_D
ClientSampleId :

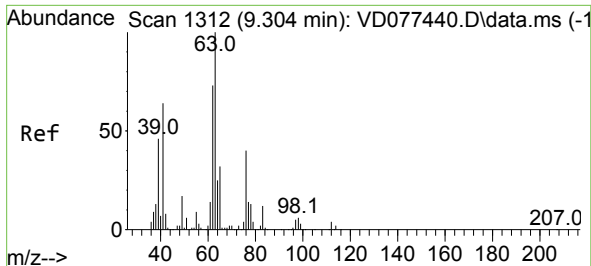
Tgt Ion: 43 Resp: 140333
Ion Ratio Lower Upper
43 100
61 26.8 31.4 47.0#
87 10.9 14.9 22.3#



#44
Trichloroethene
Concen: 18.199 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD077439.D
Acq: 30 Oct 2023 10:41

Tgt Ion:130 Resp: 82142
Ion Ratio Lower Upper
130 100
95 111.0 0.0 179.2





#45

1,2-Dichloropropane

Concen: 18.560 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077439.D

Acq: 30 Oct 2023 10:41

Instrument :

MSVOA_D

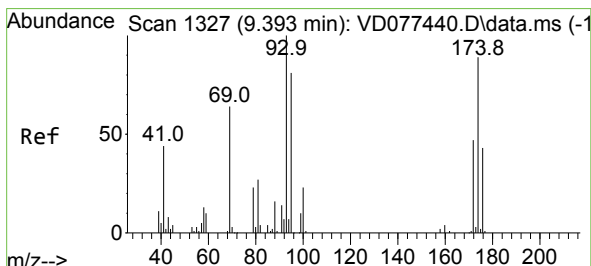
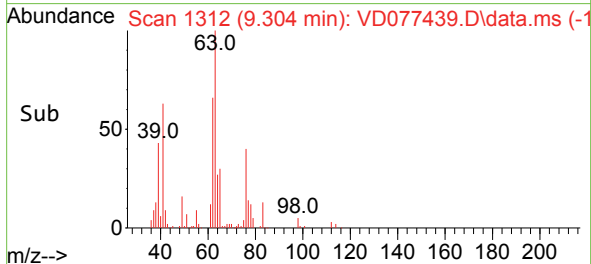
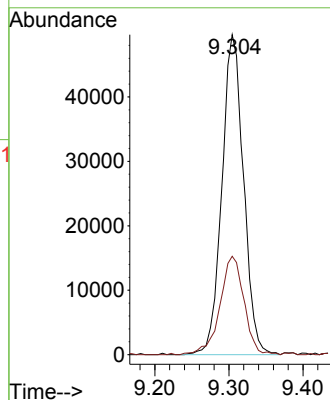
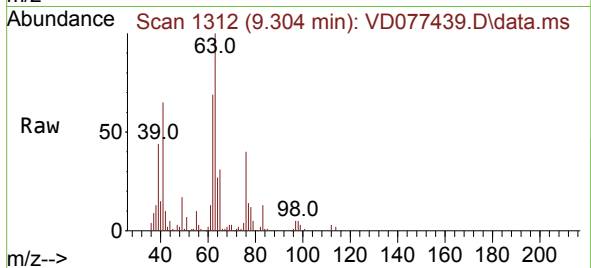
ClientSampleId :

Tgt Ion: 63 Resp: 100680

Ion Ratio Lower Upper

63 100

65 30.8 24.5 36.7



#46

Dibromomethane

Concen: 18.317 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD077439.D

Acq: 30 Oct 2023 10:41

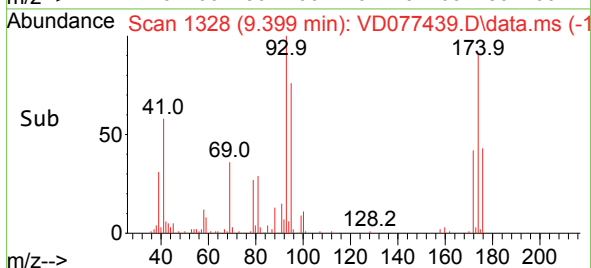
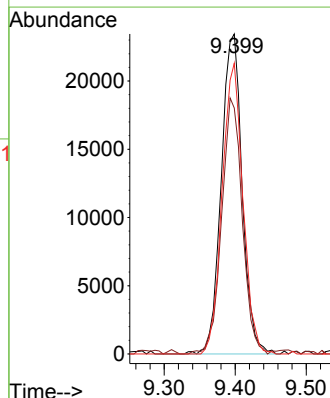
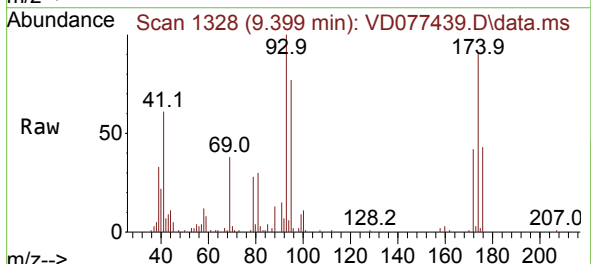
Tgt Ion: 93 Resp: 47817

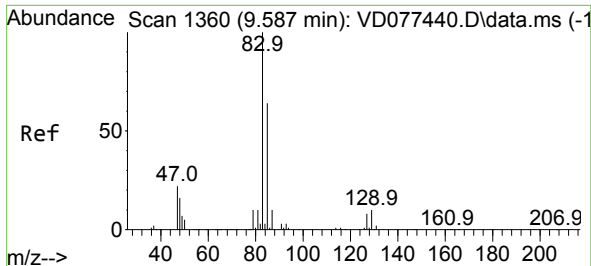
Ion Ratio Lower Upper

93 100

95 78.8 67.7 101.5

174 90.2 85.4 128.2

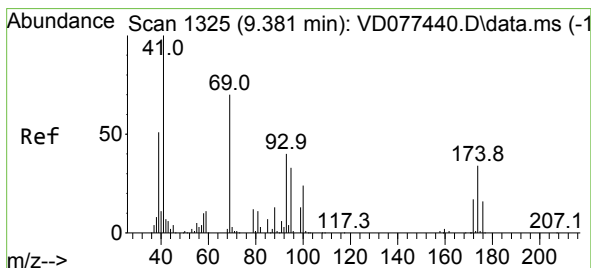
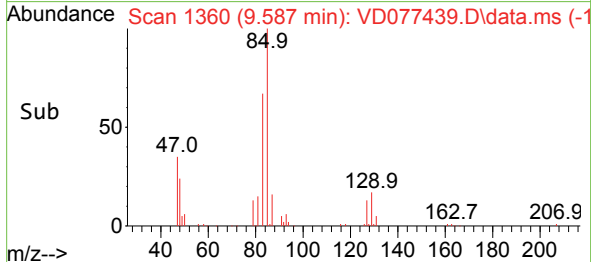
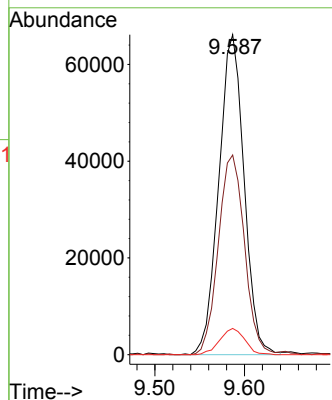
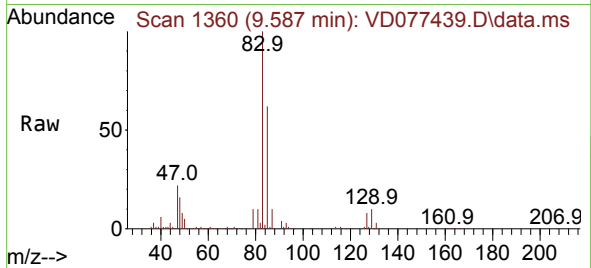




#47
Bromodichloromethane
Concen: 18.772 ug/l
RT: 9.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077439.D
Acq: 30 Oct 2023 10:41

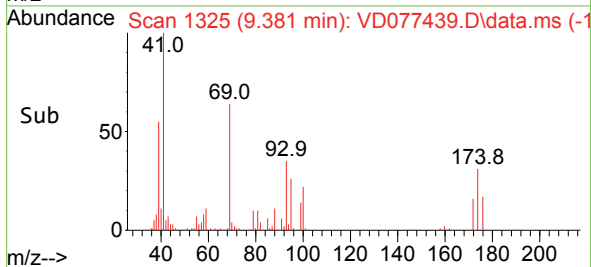
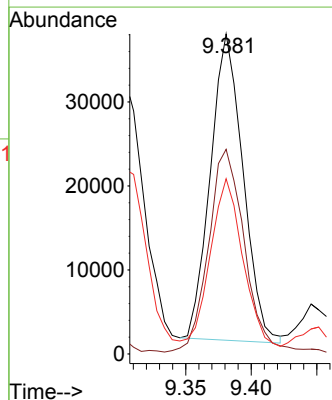
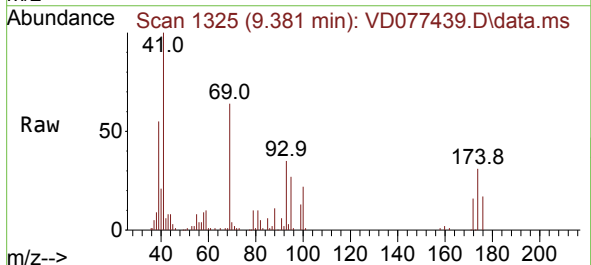
Instrument :
MSVOA_D
ClientSampleId :

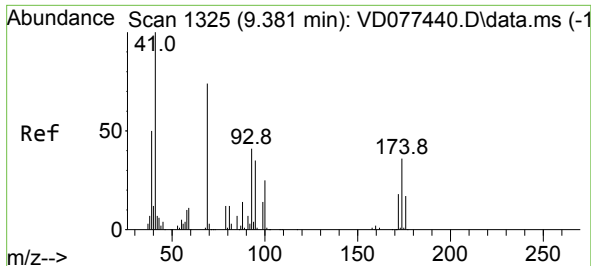
Tgt Ion: 83 Resp: 129531
Ion Ratio Lower Upper
83 100
85 62.4 50.2 75.4
127 8.2 6.3 9.5



#48
Methyl methacrylate
Concen: 17.221 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD077439.D
Acq: 30 Oct 2023 10:41

Tgt Ion: 41 Resp: 62906
Ion Ratio Lower Upper
41 100
69 73.3 102.2 153.2#
39 57.7 41.4 62.2





#49

1,4-Dioxane

Concen: 372.101 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

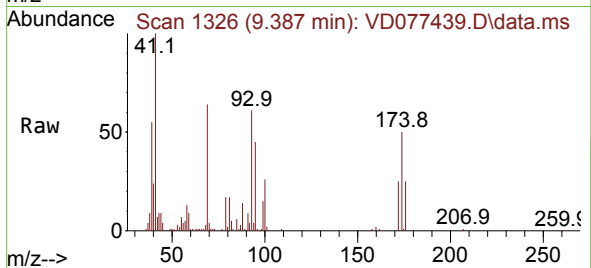
Lab File: VD077439.D

Acq: 30 Oct 2023 10:41

Instrument :

MSVOA_D

ClientSampleId :



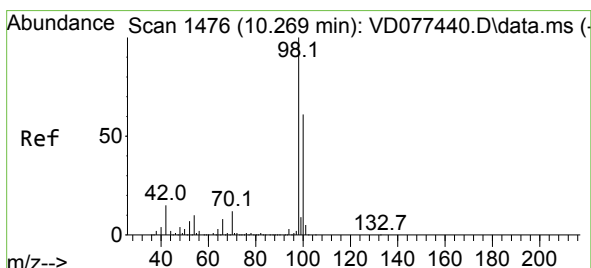
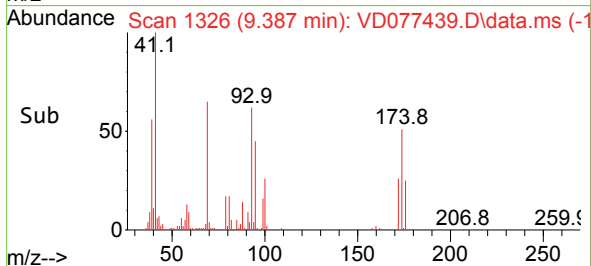
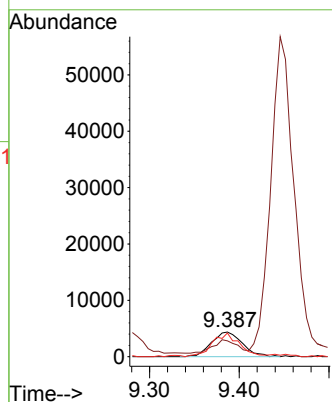
Tgt Ion: 88 Resp: 10438

Ion Ratio Lower Upper

88 100

43 41.8 19.0 28.6#

58 84.2 43.5 65.3#



#50

Toluene-d8

Concen: 19.318 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077439.D

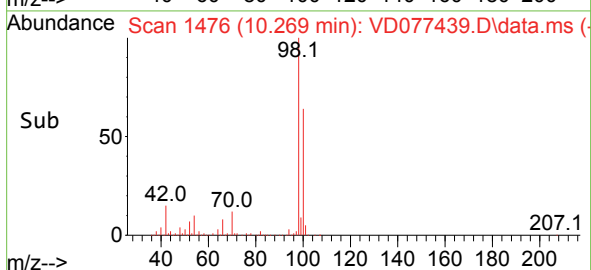
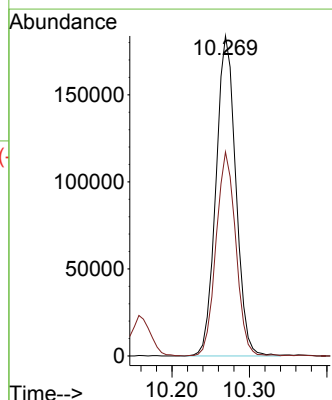
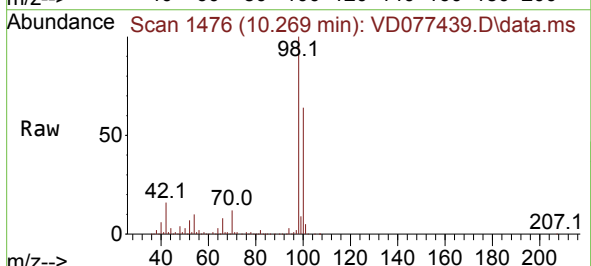
Acq: 30 Oct 2023 10:41

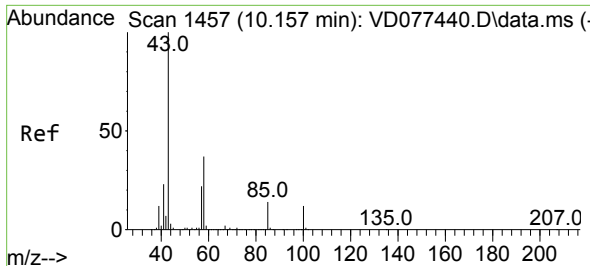
Tgt Ion: 98 Resp: 327020

Ion Ratio Lower Upper

98 100

100 63.5 50.3 75.5

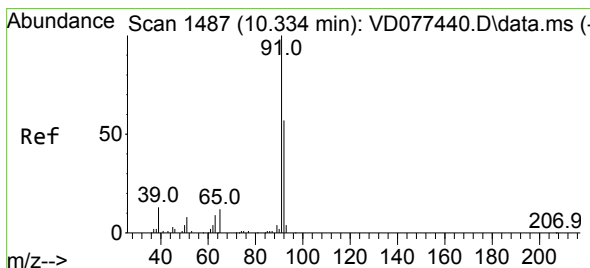
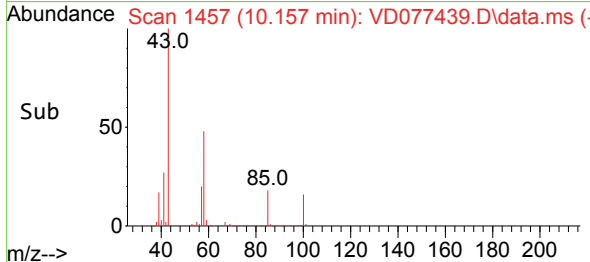
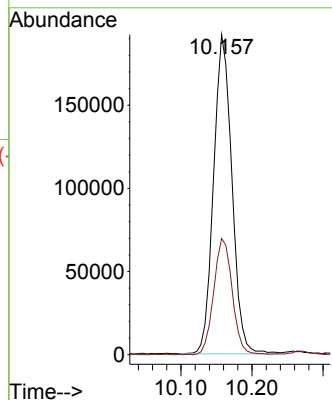
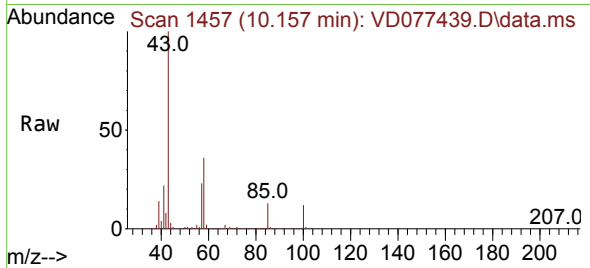




#51
4-Methyl-2-Pentanone
Concen: 91.219 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077439.D
Acq: 30 Oct 2023 10:41

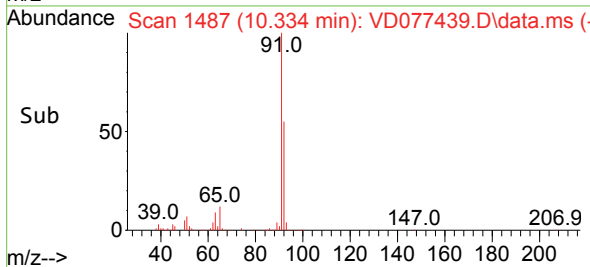
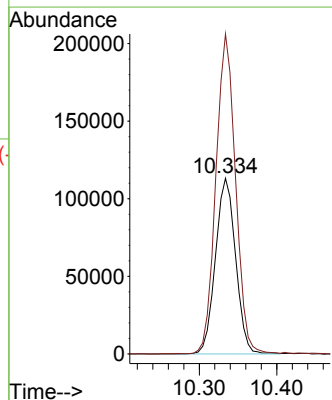
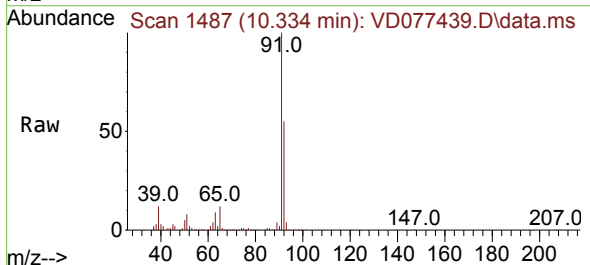
Instrument :
MSVOA_D
ClientSampleId :

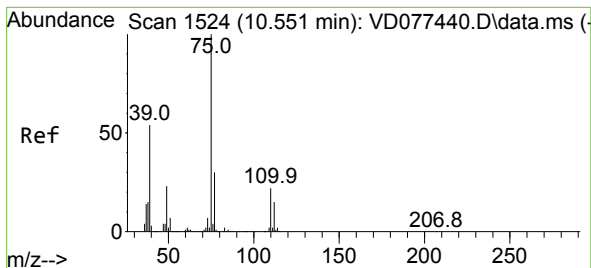
Tgt Ion: 43 Resp: 343594
Ion Ratio Lower Upper
43 100
58 36.8 38.9 58.3#



#52
Toluene
Concen: 18.276 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077439.D
Acq: 30 Oct 2023 10:41

Tgt Ion: 92 Resp: 205291
Ion Ratio Lower Upper
92 100
91 177.0 143.0 214.4

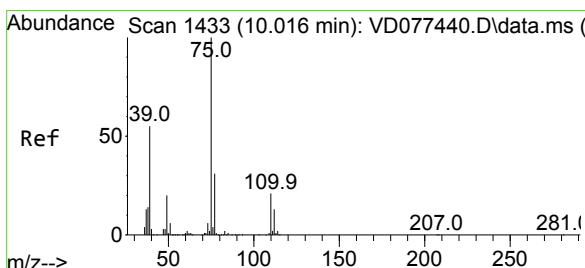
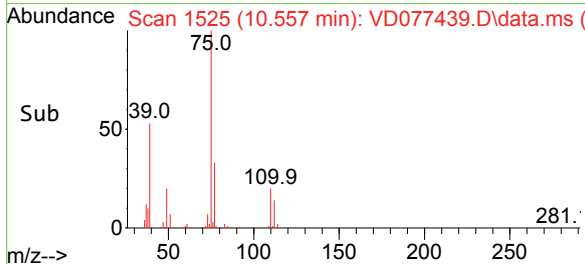
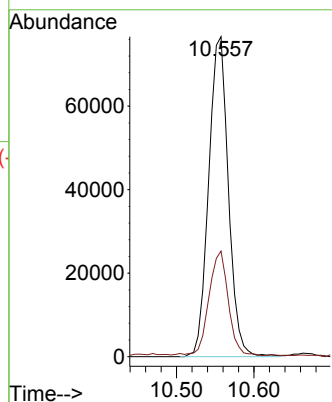
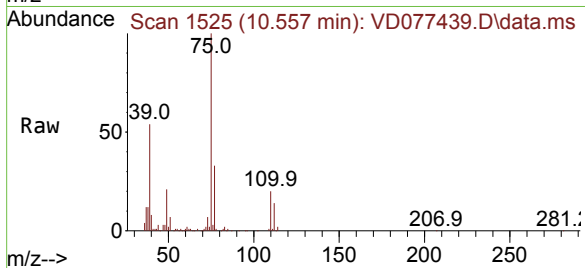




#53
t-1,3-Dichloropropene
Concen: 18.582 ug/l
RT: 10.557 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VD077439.D
Acq: 30 Oct 2023 10:41

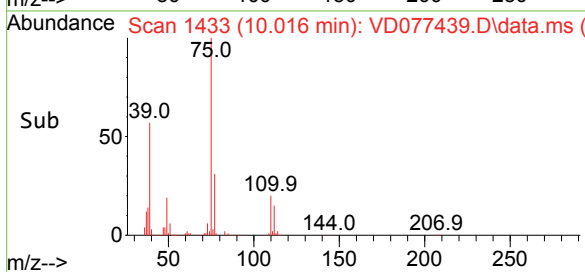
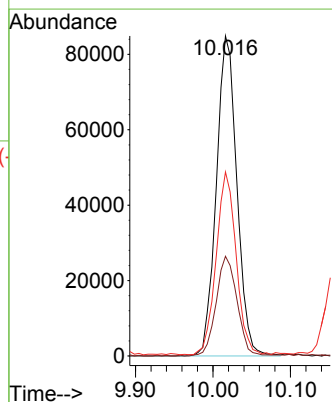
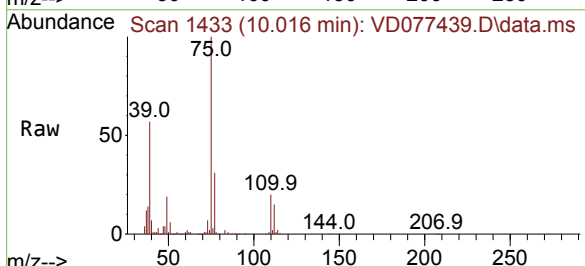
Instrument :
MSVOA_D
ClientSampleId :

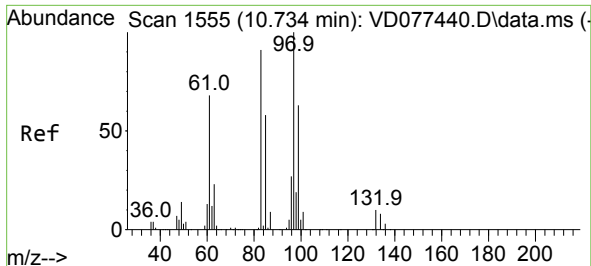
Tgt Ion: 75 Resp: 135771
Ion Ratio Lower Upper
75 100
77 32.6 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 18.631 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD077439.D
Acq: 30 Oct 2023 10:41

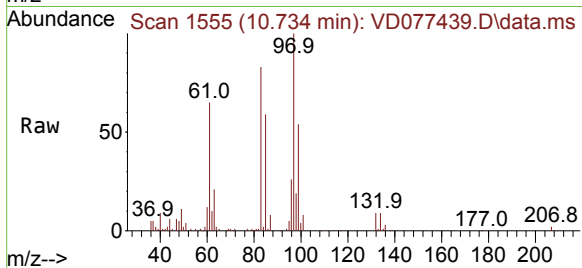
Tgt Ion: 75 Resp: 156653
Ion Ratio Lower Upper
75 100
77 30.9 25.5 38.3
39 57.1 22.1 33.1#



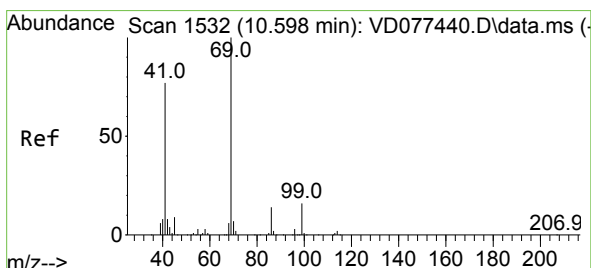
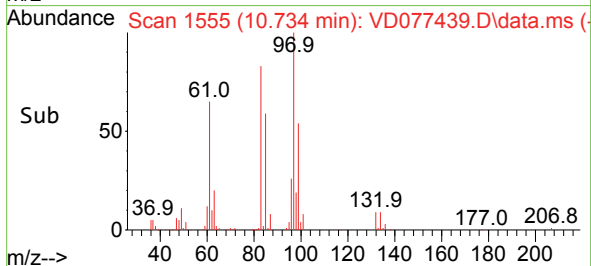
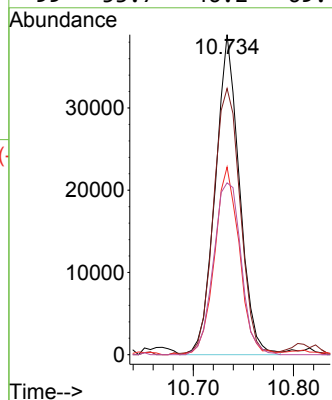


#55
1,1,2-Trichloroethane
Concen: 18.709 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD077439.D
Acq: 30 Oct 2023 10:41

Instrument :
MSVOA_D
ClientSampleId :

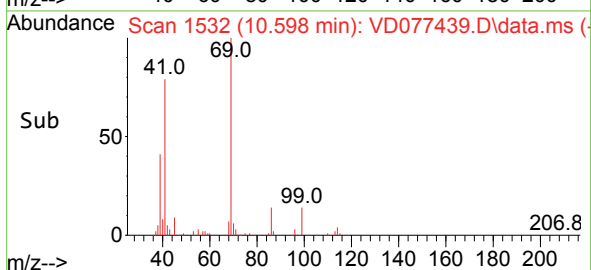
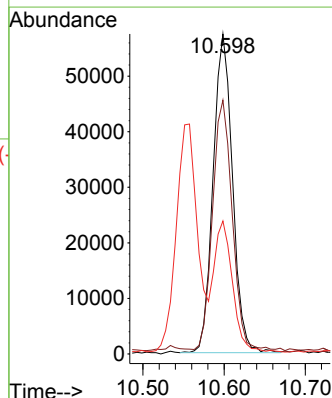
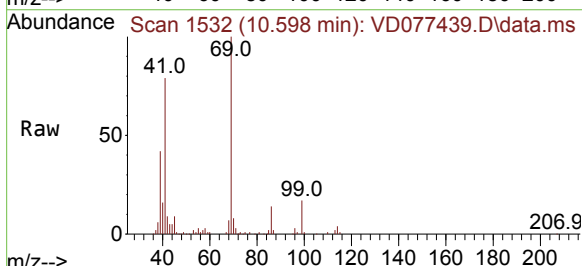


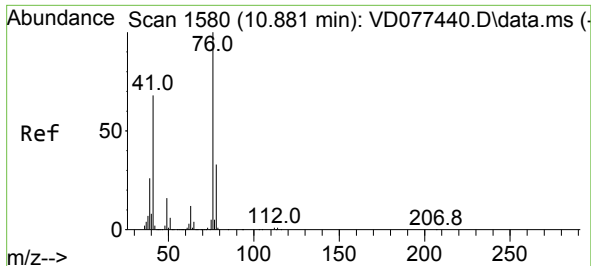
Tgt Ion:	97	Resp:	65161
Ion	Ratio	Lower	Upper
97	100		
83	82.8	65.8	98.6
85	58.7	45.7	68.5
99	53.7	46.2	69.4



#56
Ethyl methacrylate
Concen: 18.407 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077439.D
Acq: 30 Oct 2023 10:41

Tgt Ion:	69	Resp:	95322
Ion	Ratio	Lower	Upper
69	100		
41	80.0	39.1	58.7#
39	38.4	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 18.494 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD077439.D

Acq: 30 Oct 2023 10:41

Instrument :

MSVOA_D

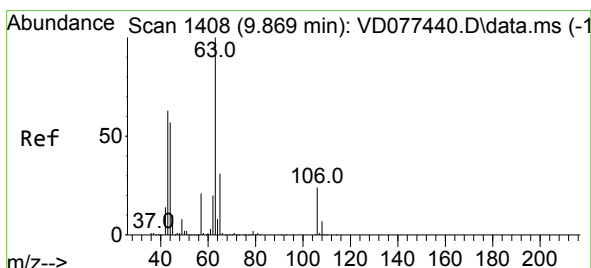
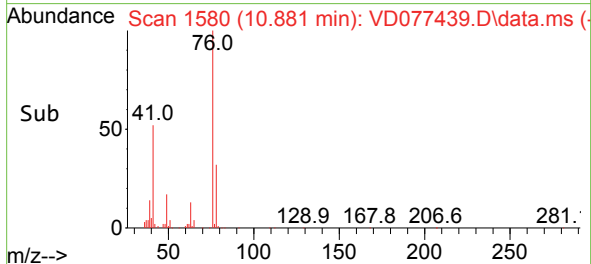
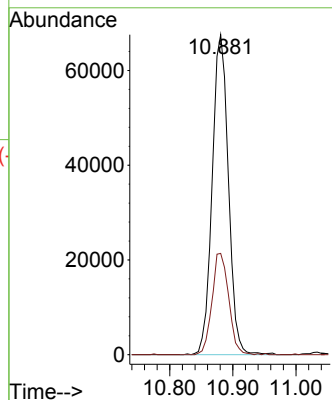
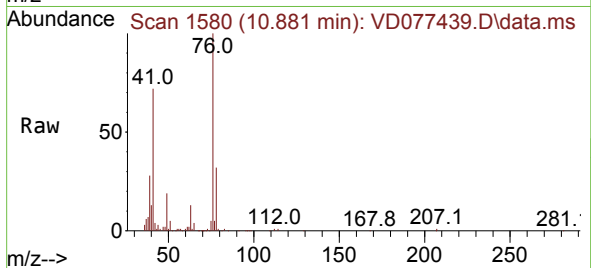
ClientSampleId :

Tgt Ion: 76 Resp: 120397

Ion Ratio Lower Upper

76 100

78 32.6 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 86.086 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077439.D

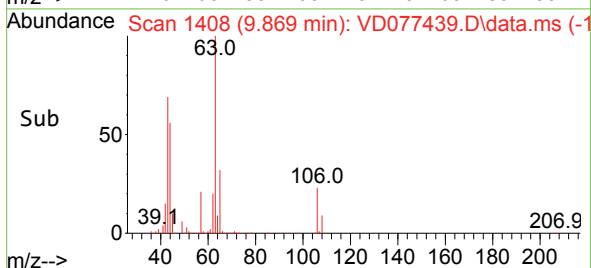
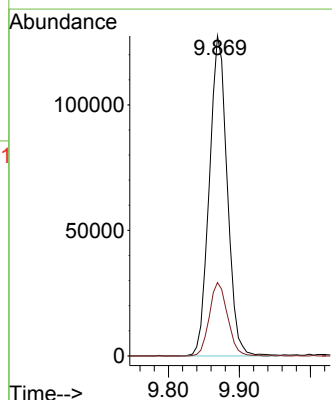
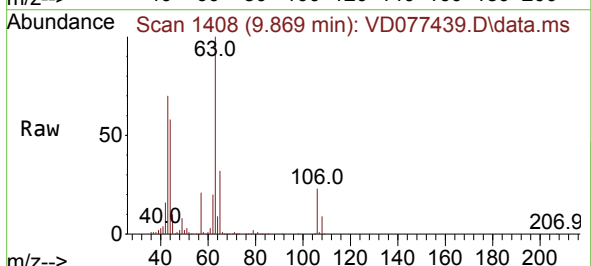
Acq: 30 Oct 2023 10:41

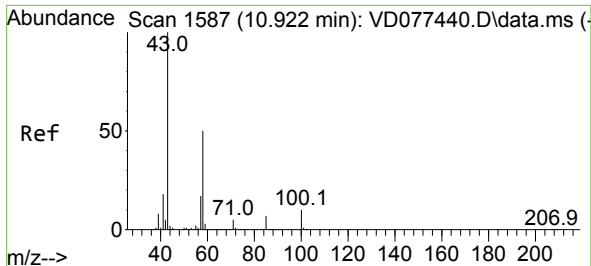
Tgt Ion: 63 Resp: 223181

Ion Ratio Lower Upper

63 100

106 23.3 25.3 37.9#

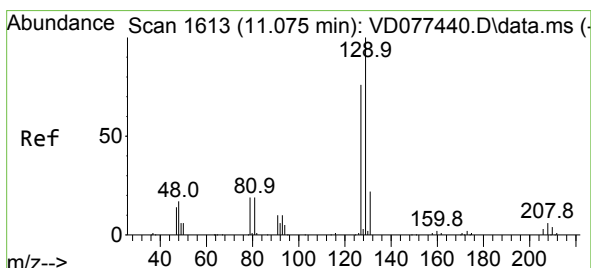
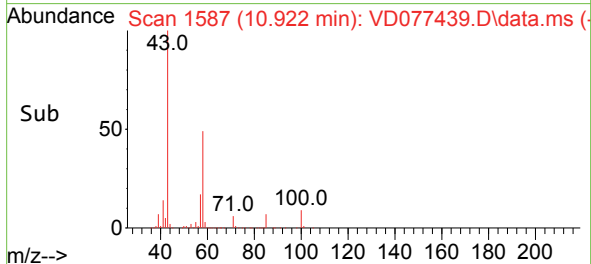
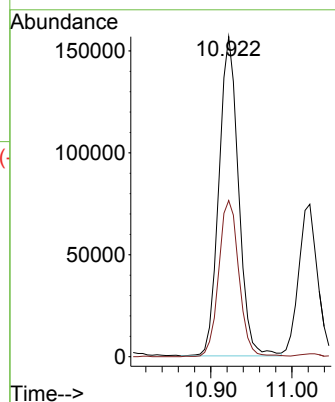
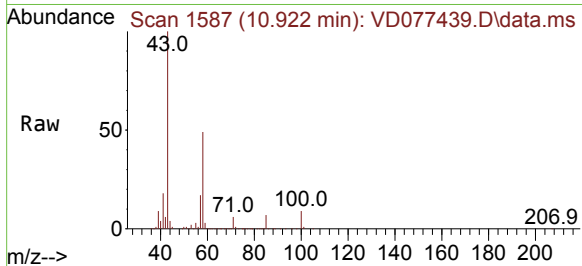




#59
2-Hexanone
Concen: 94.625 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077439.D
Acq: 30 Oct 2023 10:41

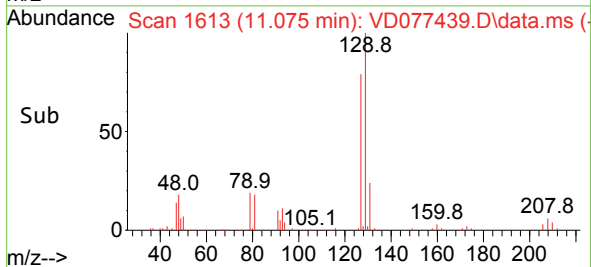
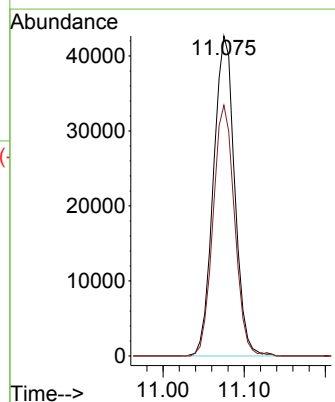
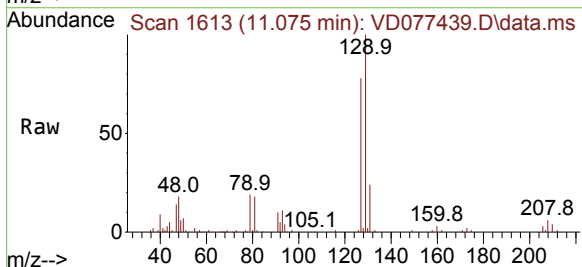
Instrument :
MSVOA_D
ClientSampleId :

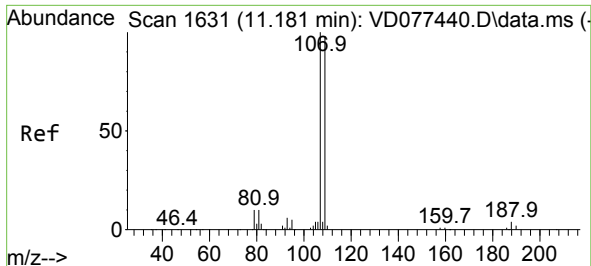
Tgt Ion: 43 Resp: 262566
Ion Ratio Lower Upper
43 100
58 50.6 34.1 102.2



#60
Dibromochloromethane
Concen: 18.506 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077439.D
Acq: 30 Oct 2023 10:41

Tgt Ion:129 Resp: 77507
Ion Ratio Lower Upper
129 100
127 79.3 37.1 111.5

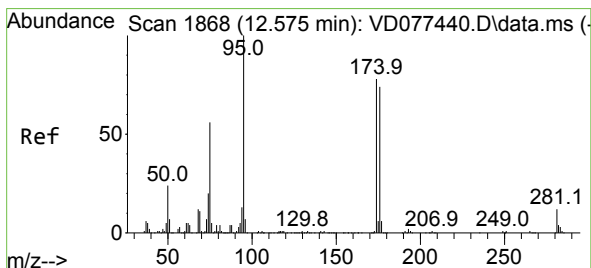
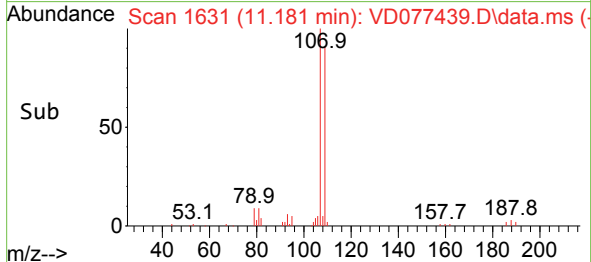
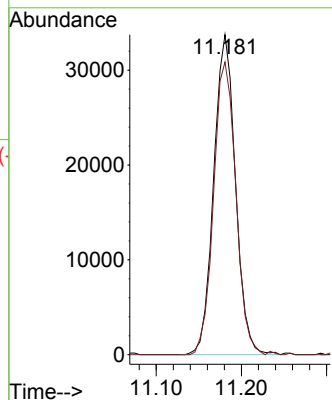
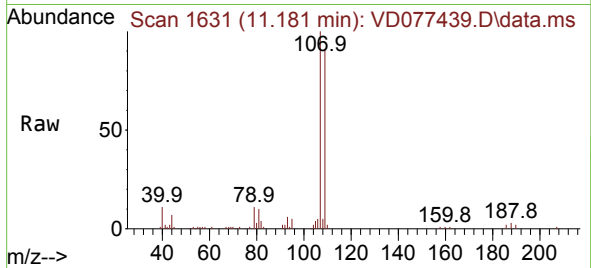




#61
1,2-Dibromoethane
Concen: 18.100 ug/l
RT: 11.181 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD077439.D
Acq: 30 Oct 2023 10:41

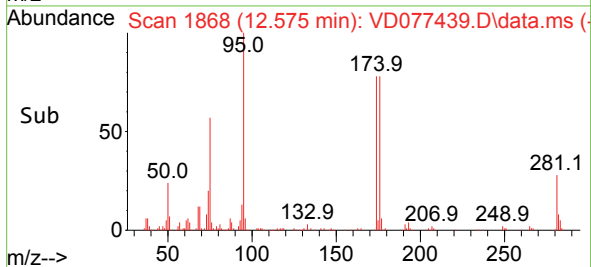
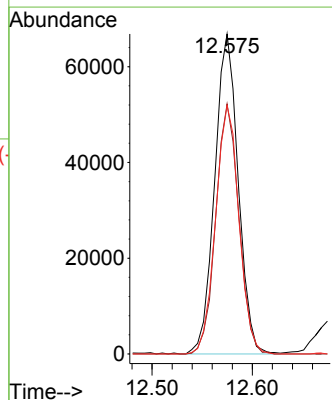
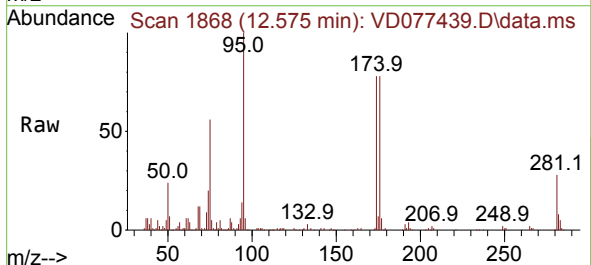
Instrument :
MSVOA_D
ClientSampleId :

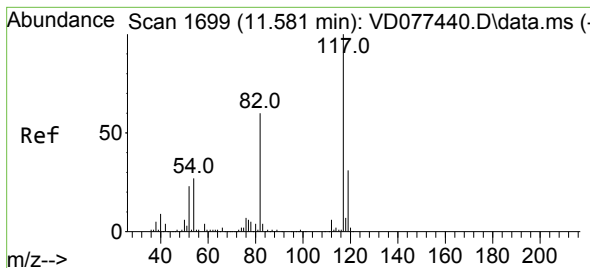
Tgt Ion:107 Resp: 59699
Ion Ratio Lower Upper
107 100
109 93.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 19.063 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077439.D
Acq: 30 Oct 2023 10:41

Tgt Ion: 95 Resp: 108691
Ion Ratio Lower Upper
95 100
174 76.6 0.0 201.8
176 77.2 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

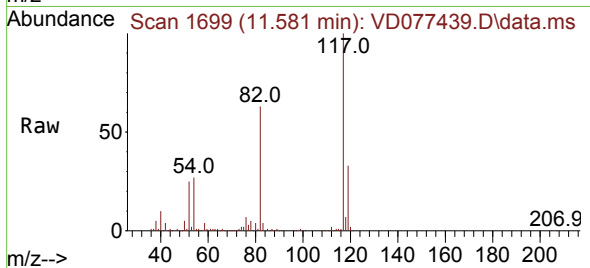
Lab File: VD077439.D

Acq: 30 Oct 2023 10:41

Instrument :

MSVOA_D

ClientSampleId :



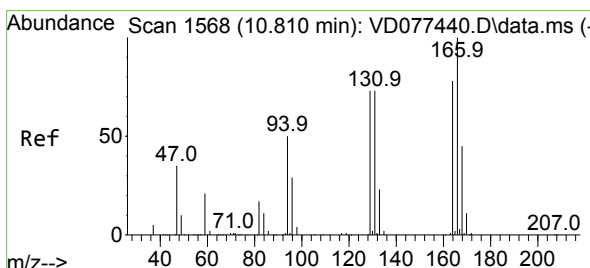
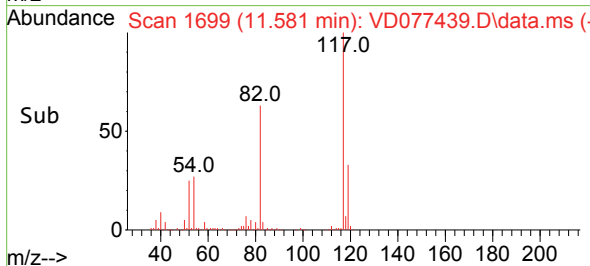
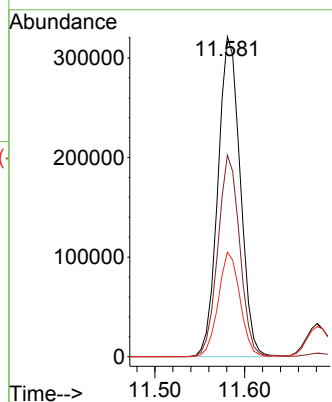
Tgt Ion:117 Resp: 553507

Ion Ratio Lower Upper

117 100

82 62.9 38.3 57.5#

119 32.6 25.0 37.4



#64

Tetrachloroethene

Concen: 18.547 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD077439.D

Acq: 30 Oct 2023 10:41

Tgt Ion:164 Resp: 65358

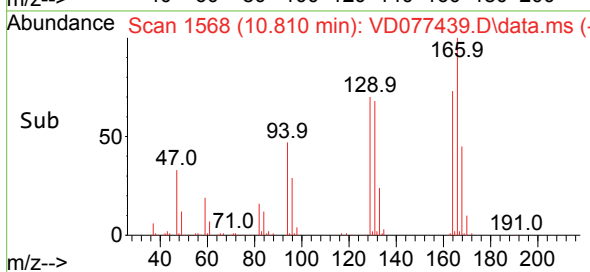
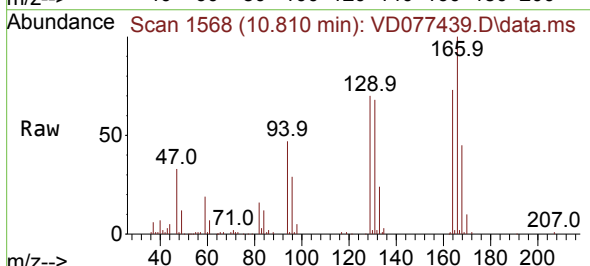
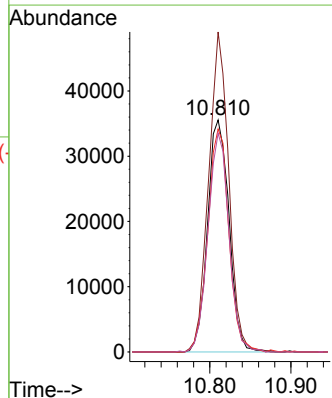
Ion Ratio Lower Upper

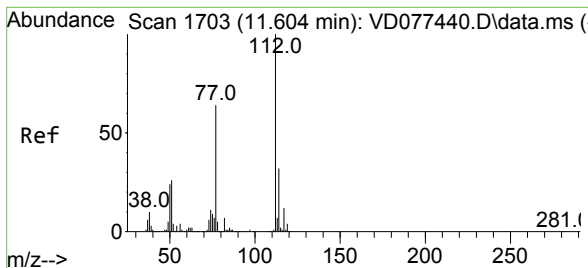
164 100

166 137.9 99.2 148.8

129 96.1 68.4 102.6

131 94.3 63.8 95.8





#65

Chlorobenzene

Concen: 18.928 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VD077439.D

Acq: 30 Oct 2023 10:41

Instrument :

MSVOA_D

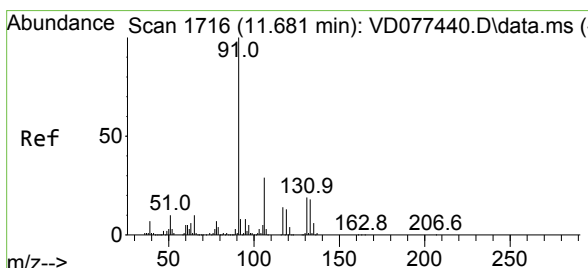
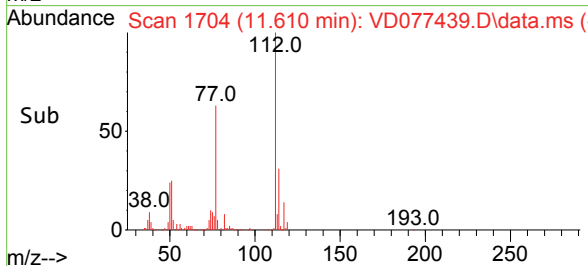
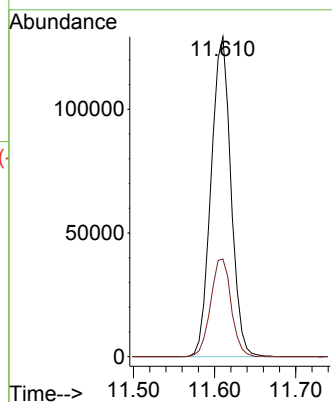
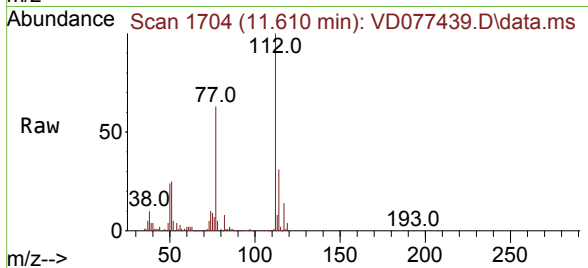
ClientSampleId :

Tgt Ion:112 Resp: 219488

Ion Ratio Lower Upper

112 100

114 30.5 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 18.995 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD077439.D

Acq: 30 Oct 2023 10:41

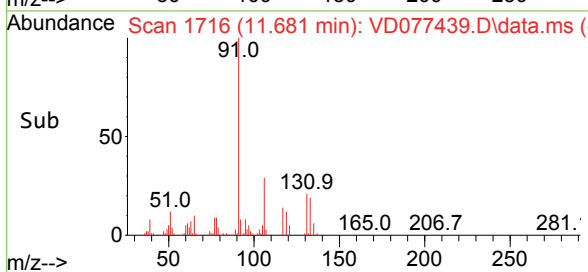
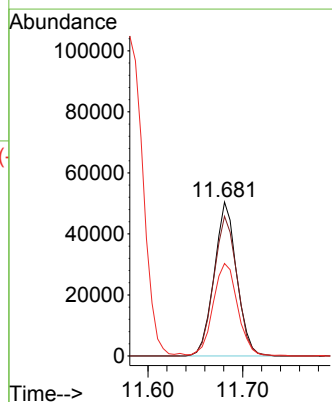
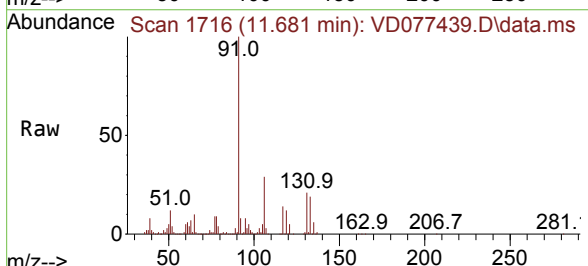
Tgt Ion:131 Resp: 83237

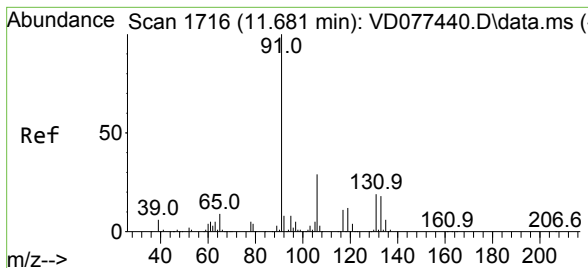
Ion Ratio Lower Upper

131 100

133 94.5 48.5 145.5

119 65.6 35.6 106.9





#67

Ethyl Benzene

Concen: 18.866 ug/l

RT: 11.687 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD077439.D

Acq: 30 Oct 2023 10:41

Instrument :

MSVOA_D

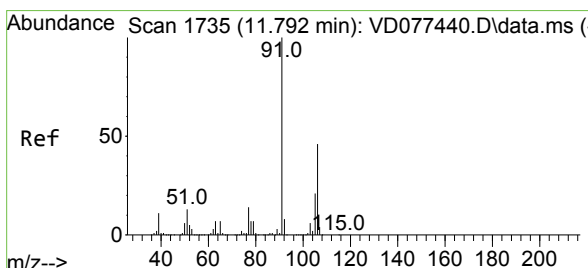
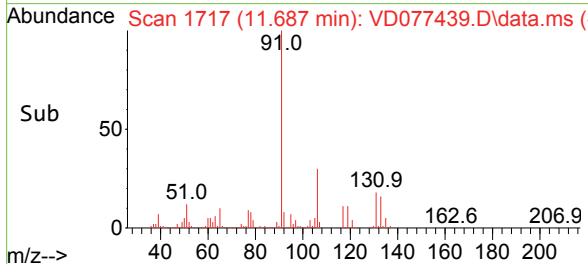
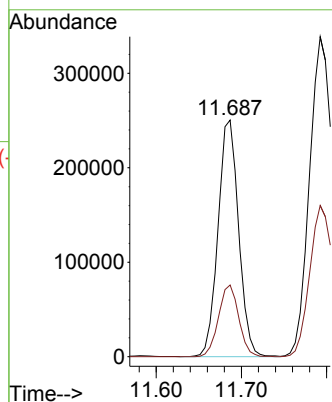
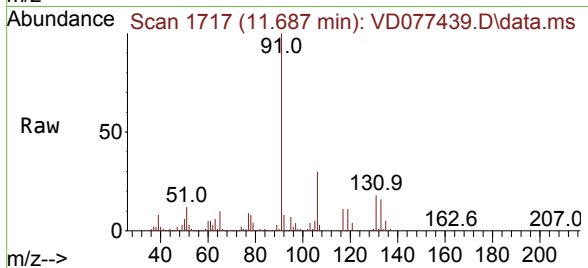
ClientSampleId :

Tgt Ion: 91 Resp: 420931

Ion Ratio Lower Upper

91 100

106 30.3 26.5 39.7



#68

m/p-Xylenes

Concen: 37.700 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD077439.D

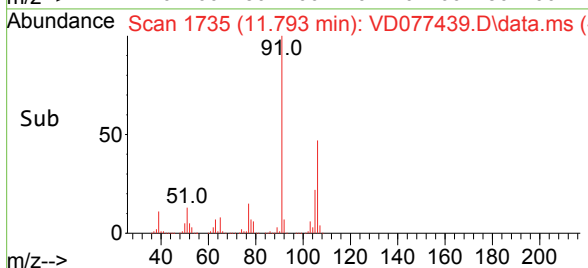
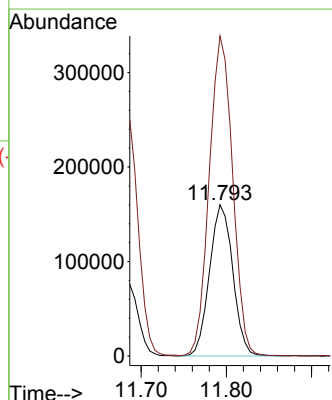
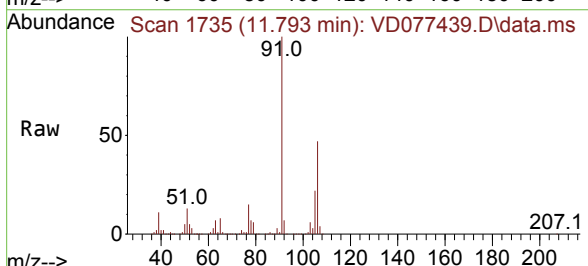
Acq: 30 Oct 2023 10:41

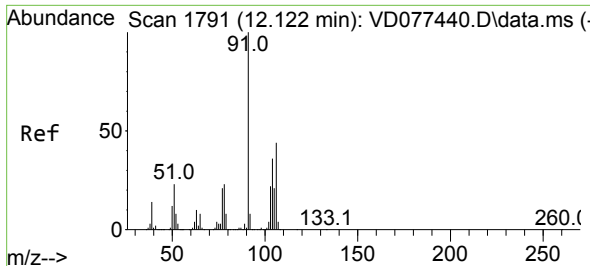
Tgt Ion:106 Resp: 303750

Ion Ratio Lower Upper

106 100

91 212.8 147.0 220.6

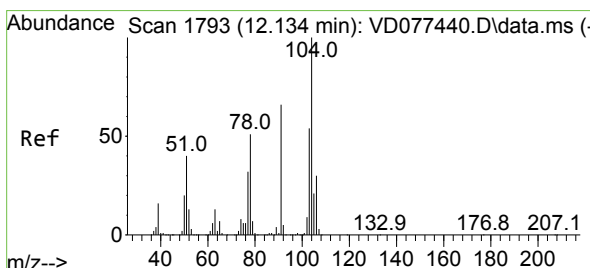
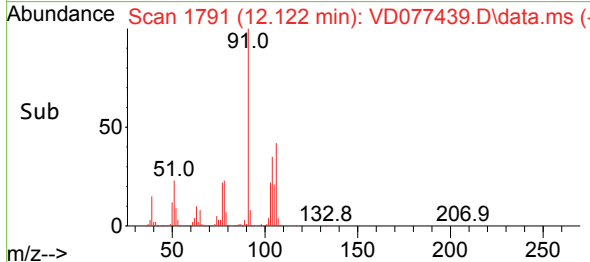
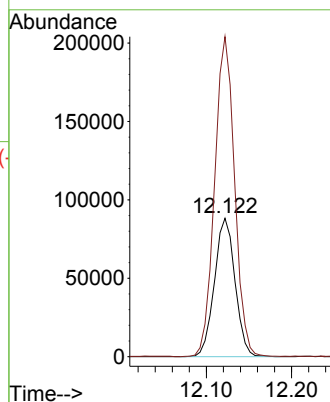
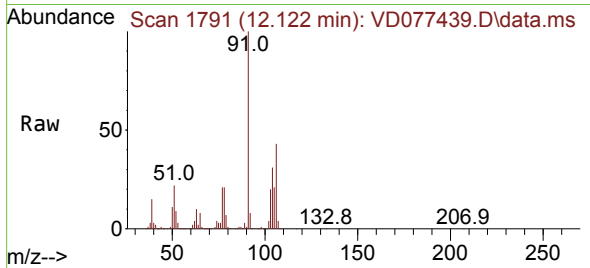




#69
o-Xylene
Concen: 19.170 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077439.D
Acq: 30 Oct 2023 10:41

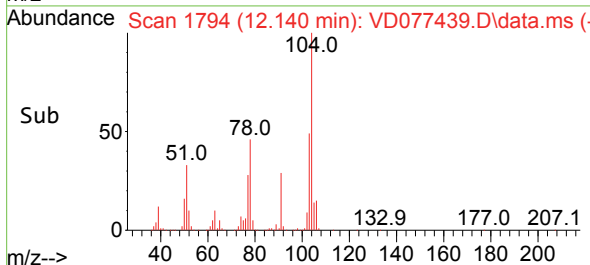
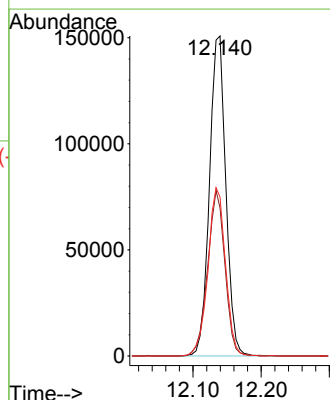
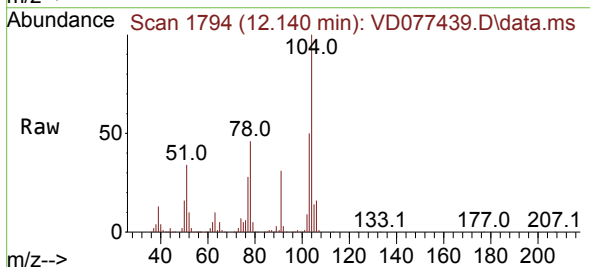
Instrument :
MSVOA_D
ClientSampleId :

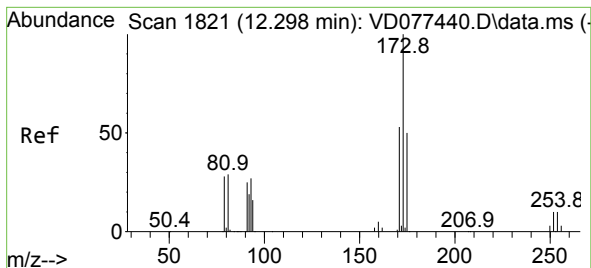
Tgt Ion:106 Resp: 147946
Ion Ratio Lower Upper
106 100
91 224.9 97.9 293.6



#70
Styrene
Concen: 18.933 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD077439.D
Acq: 30 Oct 2023 10:41

Tgt Ion:104 Resp: 252072
Ion Ratio Lower Upper
104 100
78 54.6 33.2 49.8#
103 56.3 43.6 65.4





#71

Bromoform

Concen: 18.792 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD077439.D

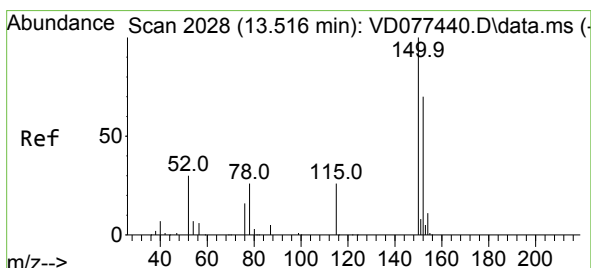
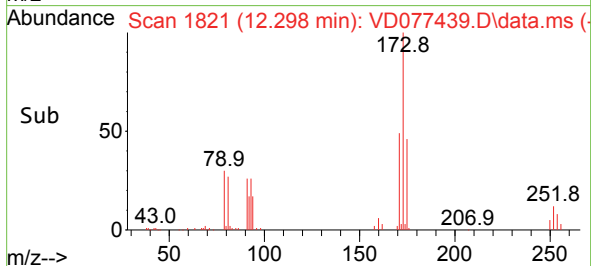
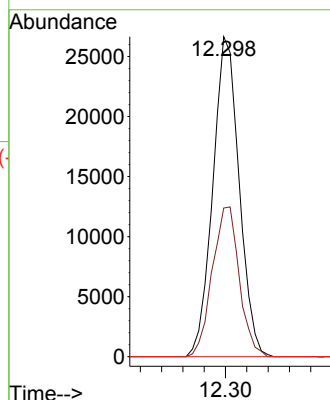
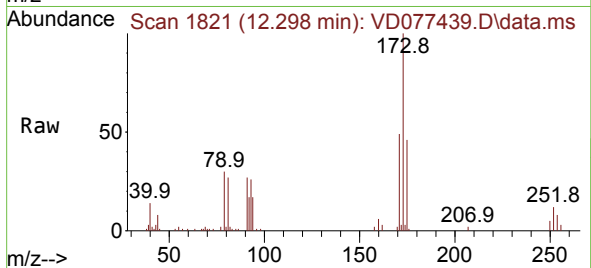
Acq: 30 Oct 2023 10:41

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:173	Resp:	45652
Ion Ratio	Lower	Upper
173	100	
175	47.9	24.6 73.8
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

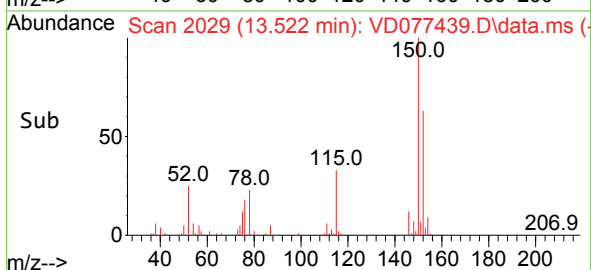
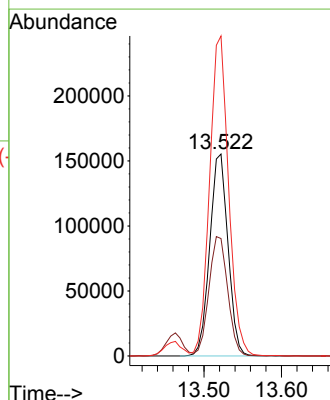
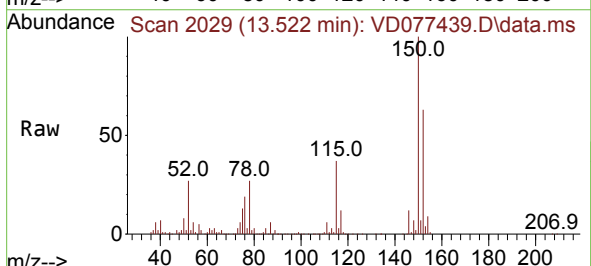
RT: 13.522 min Scan# 2029

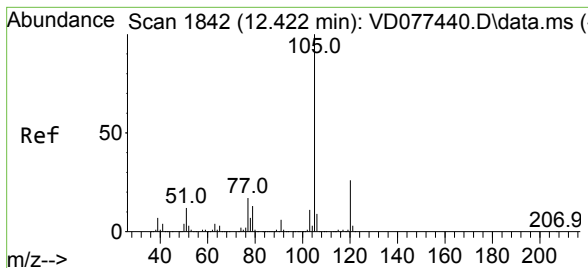
Delta R.T. 0.006 min

Lab File: VD077439.D

Acq: 30 Oct 2023 10:41

Tgt Ion:152	Resp:	254156
Ion Ratio	Lower	Upper
152	100	
115	60.8	27.1 81.3
150	164.8	0.0 353.6





#73

Isopropylbenzene

Concen: 19.090 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD077439.D

Acq: 30 Oct 2023 10:41

Instrument :

MSVOA_D

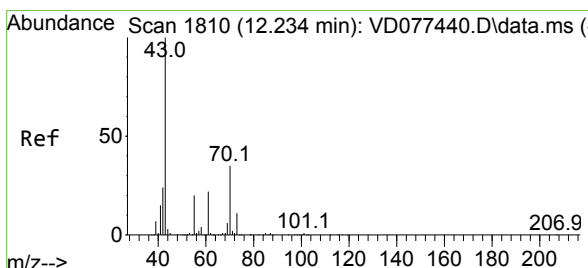
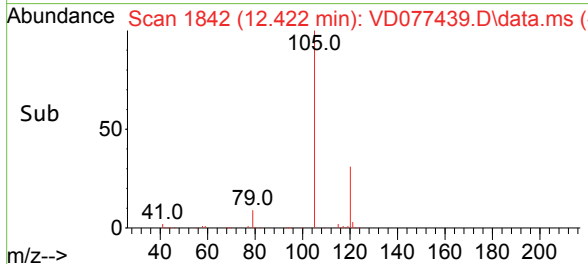
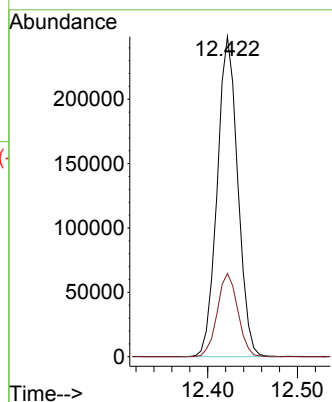
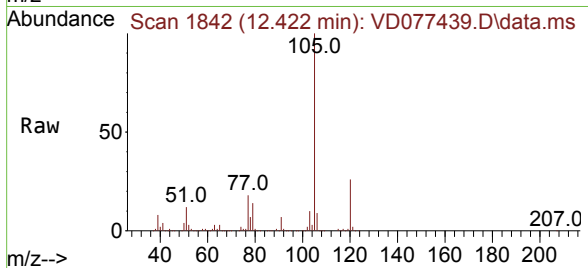
ClientSampleId :

Tgt Ion:105 Resp: 395573

Ion Ratio Lower Upper

105 100

120 25.9 14.3 42.9



#74

N-ethyl acetate

Concen: 18.695 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD077439.D

Acq: 30 Oct 2023 10:41

Tgt Ion: 43 Resp: 137214

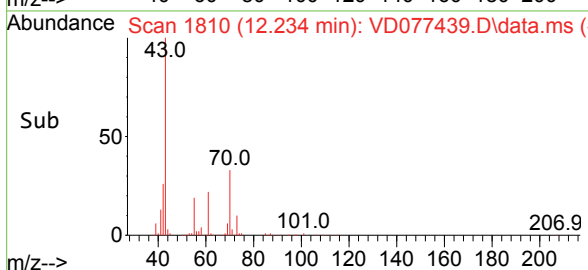
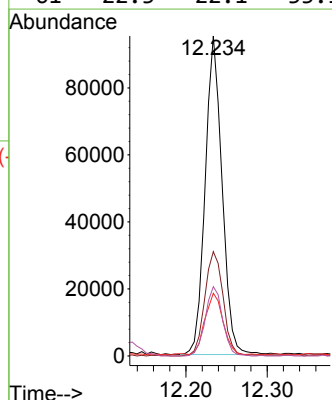
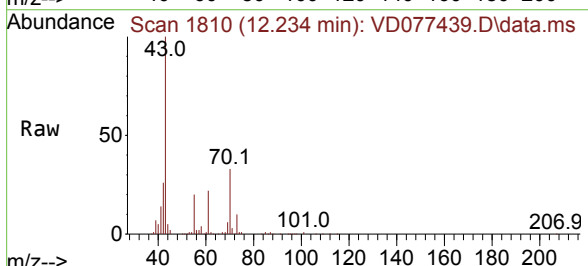
Ion Ratio Lower Upper

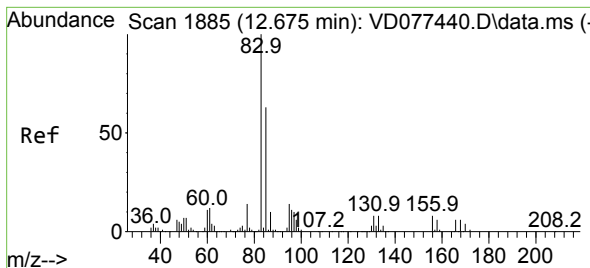
43 100

70 35.9 45.0 67.4#

55 20.9 23.8 35.6#

61 22.3 22.1 33.1

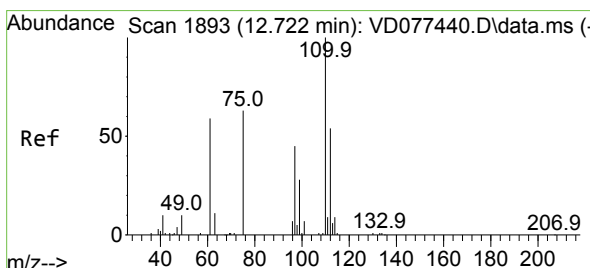
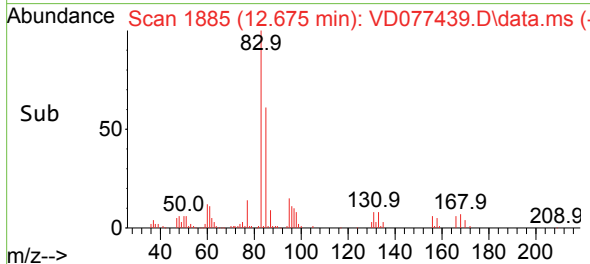
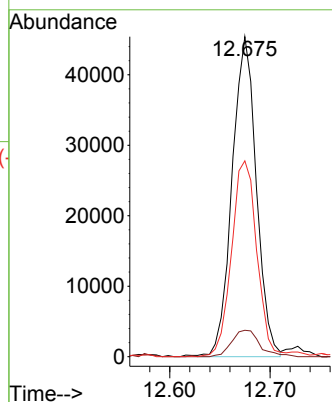
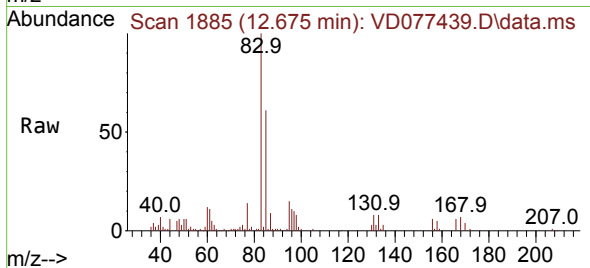




#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.789 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VD077439.D
 Acq: 30 Oct 2023 10:41

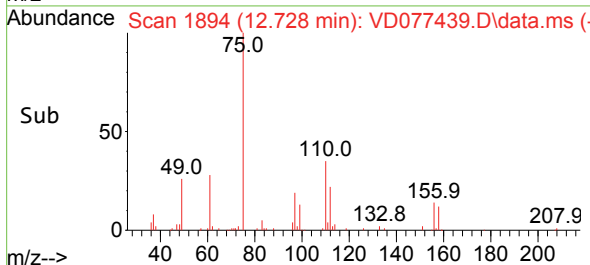
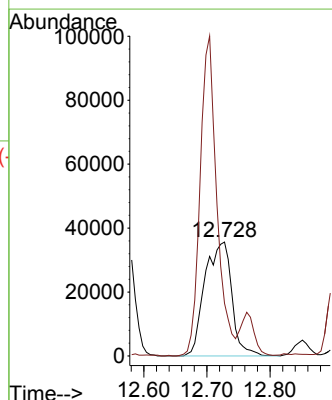
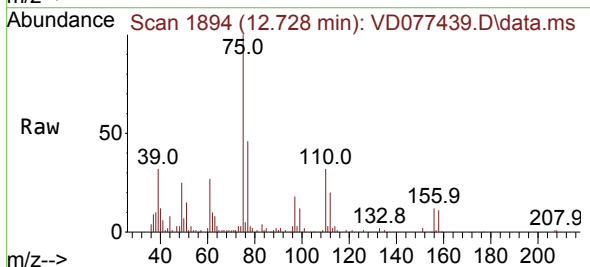
Instrument :
 MSVOA_D
 ClientSampleId :

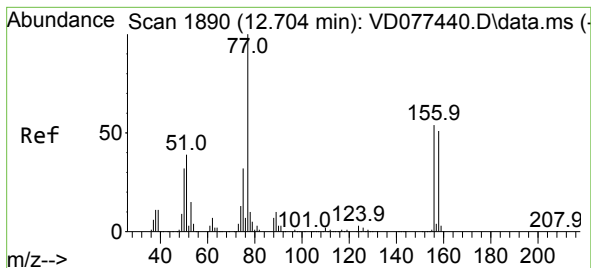
Tgt Ion: 83 Resp: 76317
 Ion Ratio Lower Upper
 83 100
 131 9.6 5.1 15.3
 85 63.7 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 31.090 ug/l
 RT: 12.728 min Scan# 1894
 Delta R.T. 0.006 min
 Lab File: VD077439.D
 Acq: 30 Oct 2023 10:41

Tgt Ion: 75 Resp: 105586
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.049 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD077439.D

Acq: 30 Oct 2023 10:41

Instrument :

MSVOA_D

ClientSampleId :

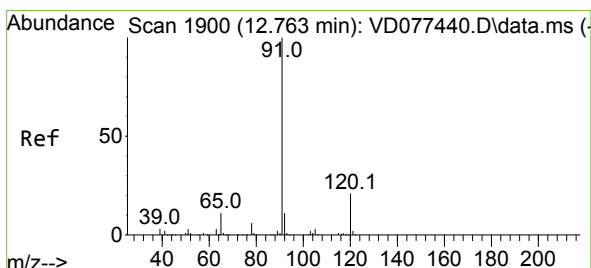
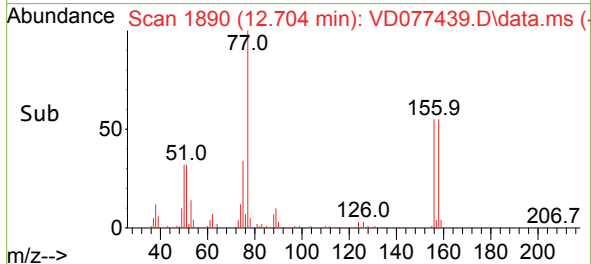
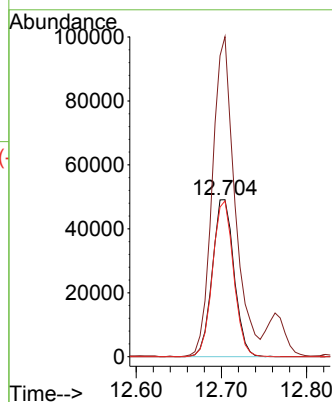
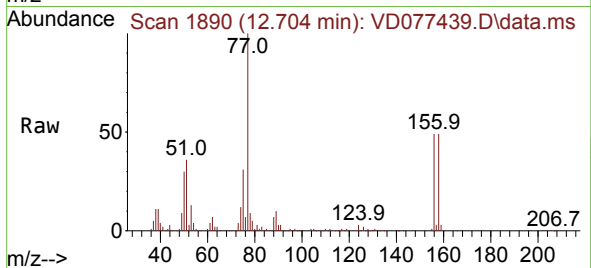
Tgt Ion:156 Resp: 86883

Ion Ratio Lower Upper

156 100

77 212.3 76.8 230.4

158 96.3 48.6 145.9



#78

n-propylbenzene

Concen: 18.994 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD077439.D

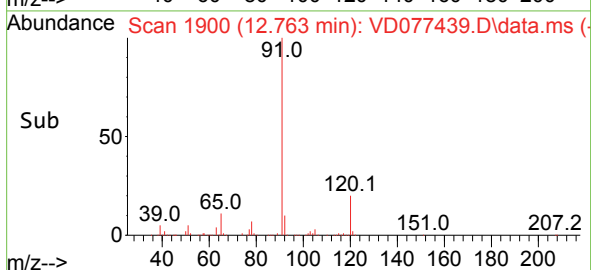
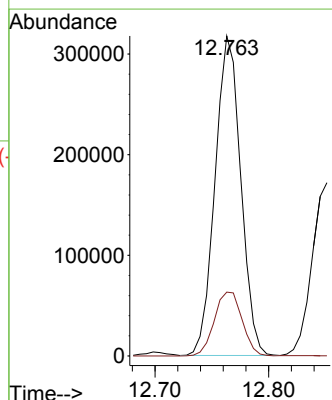
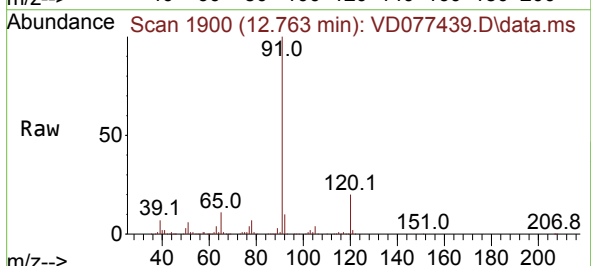
Acq: 30 Oct 2023 10:41

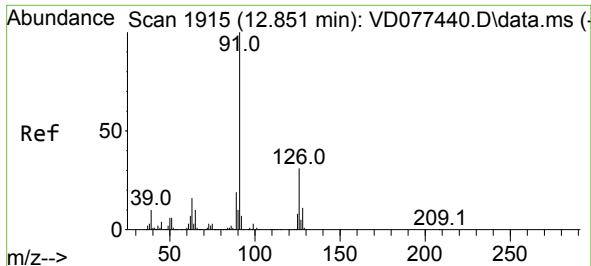
Tgt Ion: 91 Resp: 499754

Ion Ratio Lower Upper

91 100

120 21.6 12.4 37.2





#79

2-Chlorotoluene

Concen: 18.948 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD077439.D

Acq: 30 Oct 2023 10:41

Instrument :

MSVOA_D

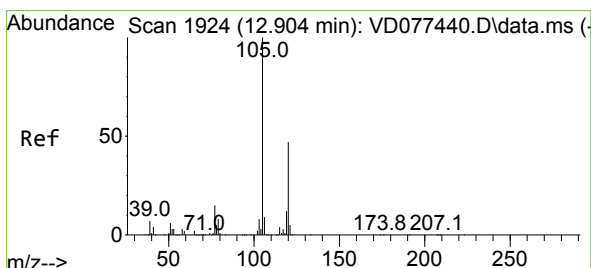
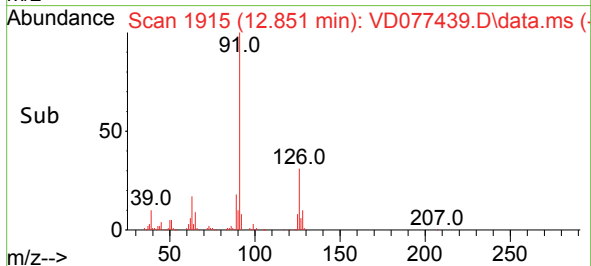
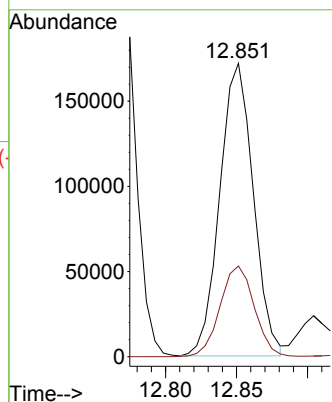
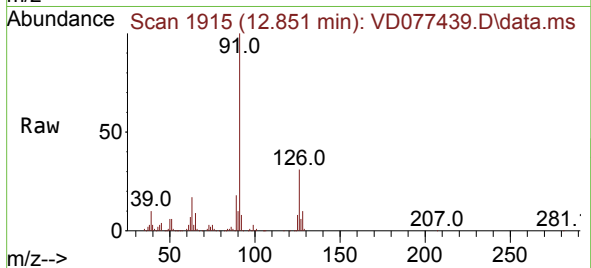
ClientSampleId :

Tgt Ion: 91 Resp: 282275

Ion Ratio Lower Upper

91 100

126 31.7 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 19.085 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD077439.D

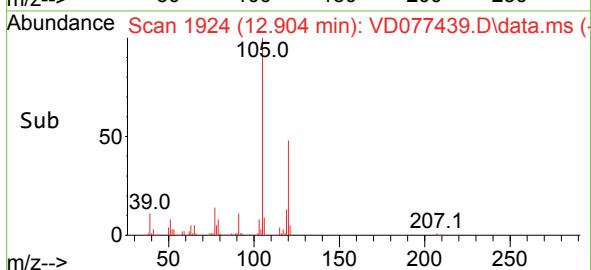
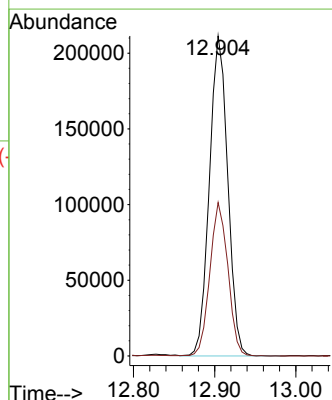
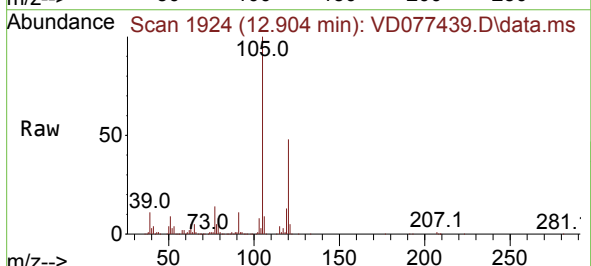
Acq: 30 Oct 2023 10:41

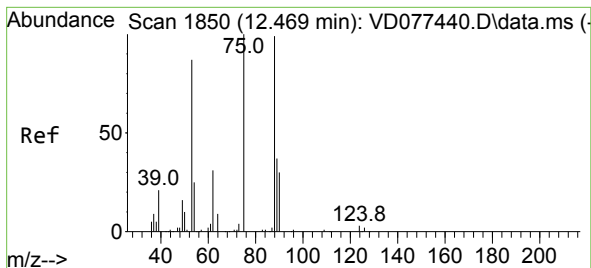
Tgt Ion: 105 Resp: 331826

Ion Ratio Lower Upper

105 100

120 47.1 26.4 79.2

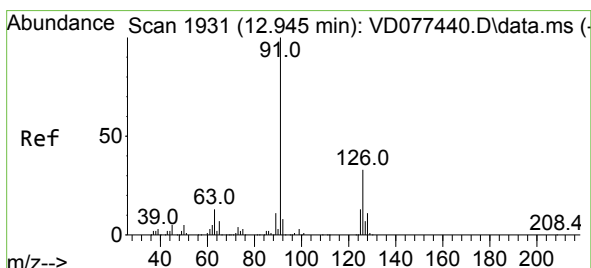
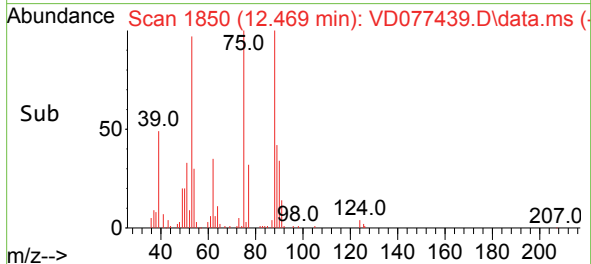
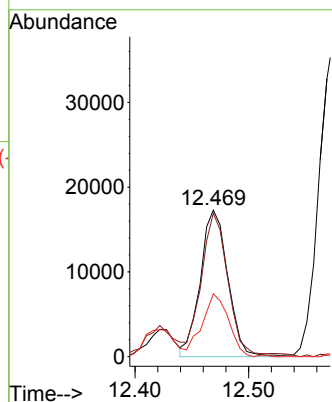
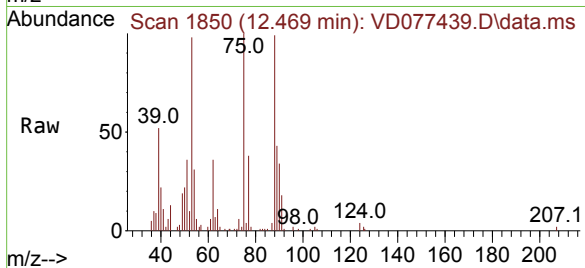




#81
trans-1,4-Dichloro-2-butene
Concen: 18.171 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077439.D
Acq: 30 Oct 2023 10:41

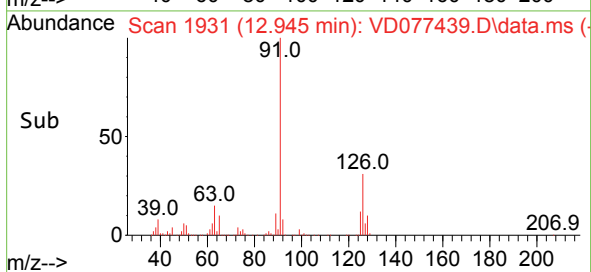
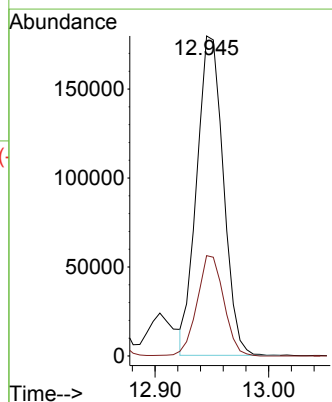
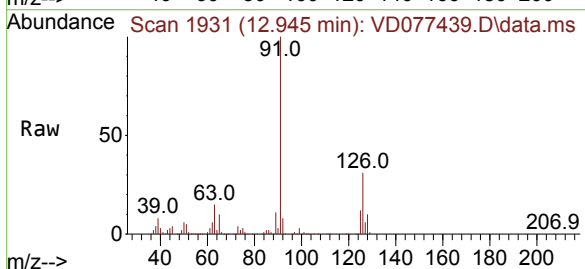
Instrument :
MSVOA_D
ClientSampleId :

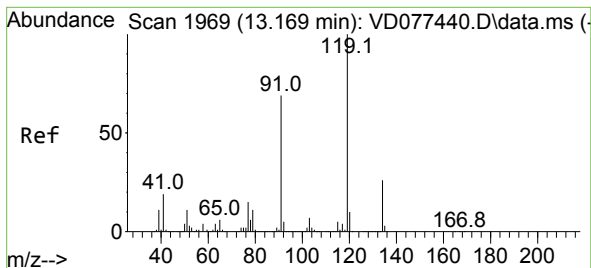
Tgt Ion: 75 Resp: 29099
Ion Ratio Lower Upper
75 100
53 94.9 63.0 94.4#
89 40.8 37.9 56.9



#82
4-Chlorotoluene
Concen: 18.795 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077439.D
Acq: 30 Oct 2023 10:41

Tgt Ion: 91 Resp: 291658
Ion Ratio Lower Upper
91 100
126 31.7 19.4 58.4

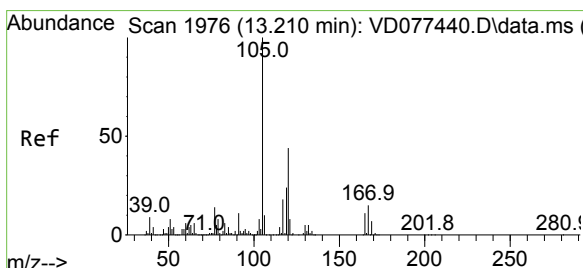
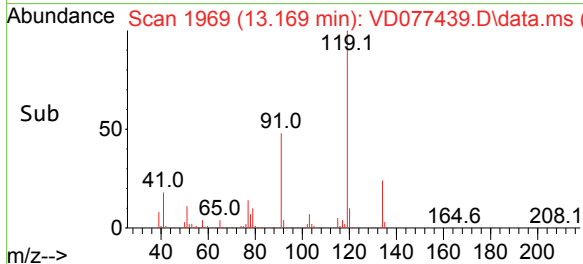
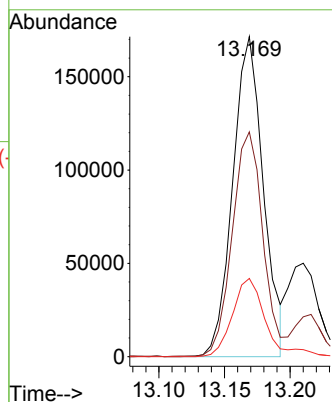
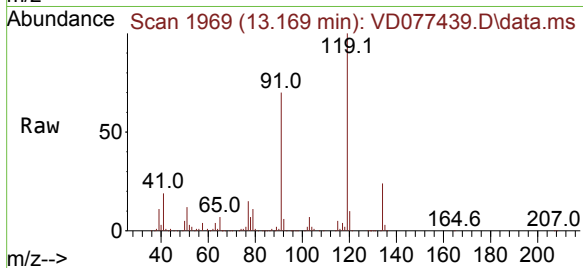




#83
tert-Butylbenzene
Concen: 19.077 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD077439.D
Acq: 30 Oct 2023 10:41

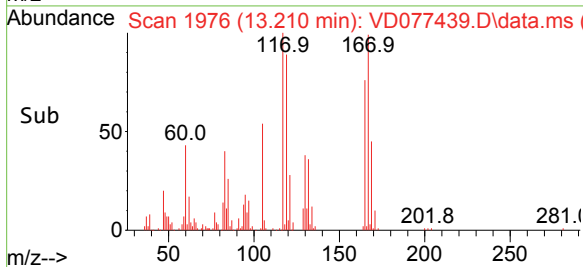
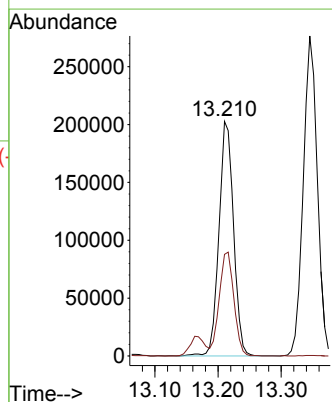
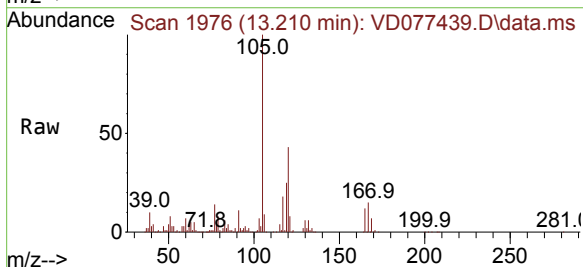
Instrument :
MSVOA_D
ClientSampleId :

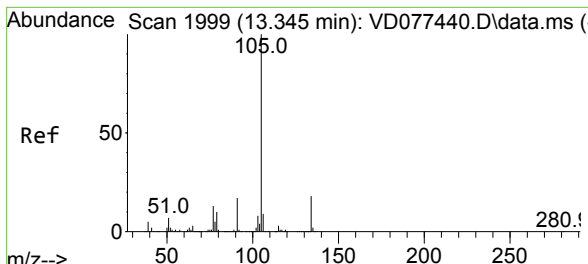
Tgt Ion:119 Resp: 278877
Ion Ratio Lower Upper
119 100
91 71.3 29.3 87.8
134 26.5 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 18.880 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD077439.D
Acq: 30 Oct 2023 10:41

Tgt Ion:105 Resp: 326093
Ion Ratio Lower Upper
105 100
120 44.3 24.3 72.9

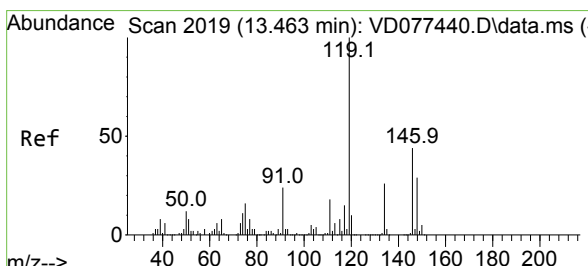
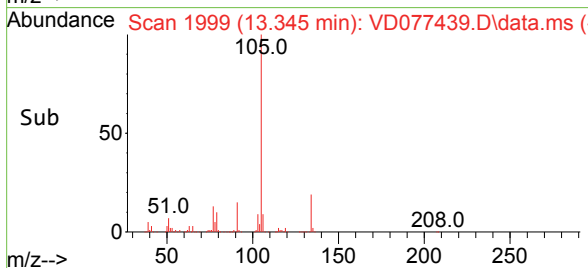
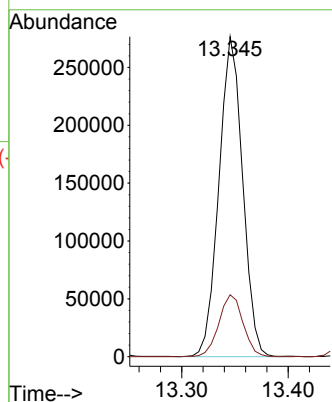
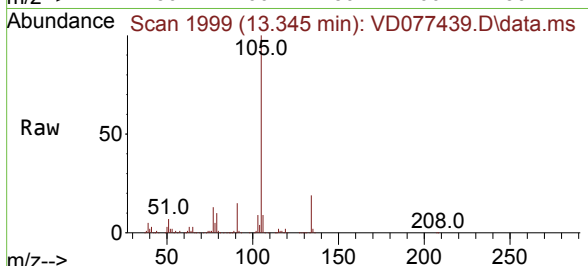




#85
 sec-Butylbenzene
 Concen: 19.087 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077439.D
 Acq: 30 Oct 2023 10:41

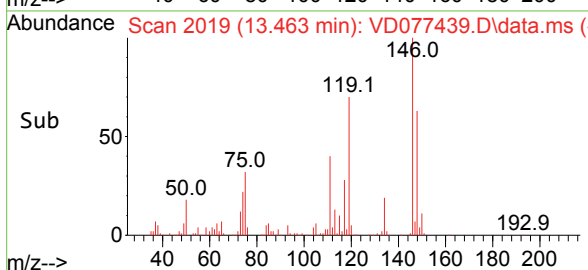
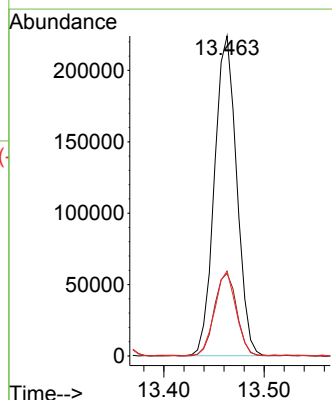
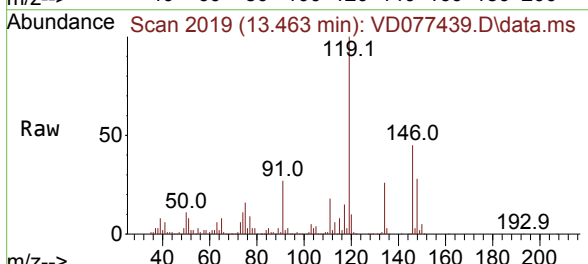
Instrument :
 MSVOA_D
 ClientSampleId :

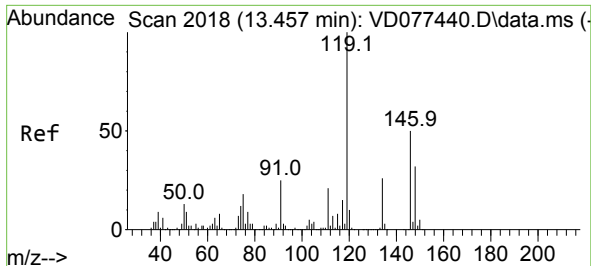
Tgt Ion:105 Resp: 426919
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 18.936 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077439.D
 Acq: 30 Oct 2023 10:41

Tgt Ion:119 Resp: 344265
 Ion Ratio Lower Upper
 119 100
 134 26.1 14.2 42.6
 91 25.5 10.5 31.5

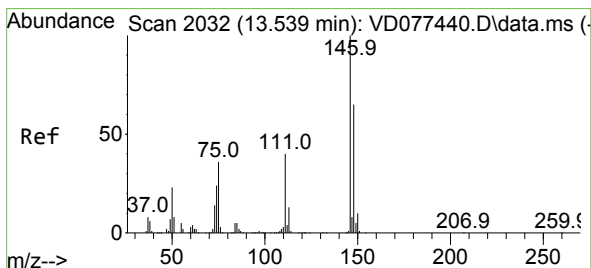
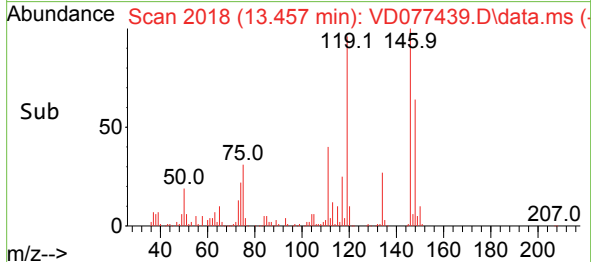
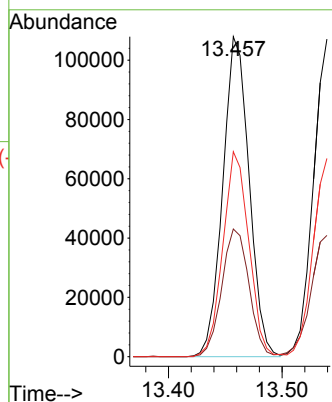
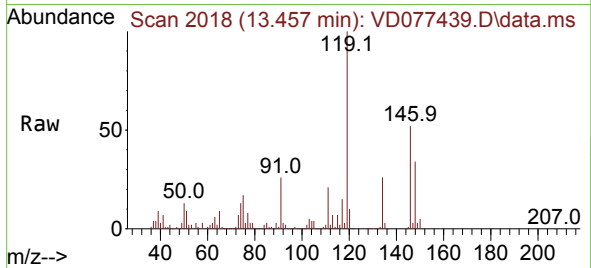




#87
 1,3-Dichlorobenzene
 Concen: 19.395 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD077439.D
 Acq: 30 Oct 2023 10:41

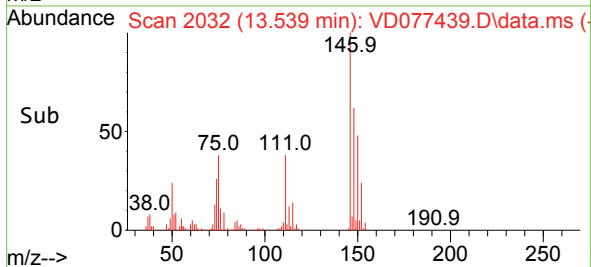
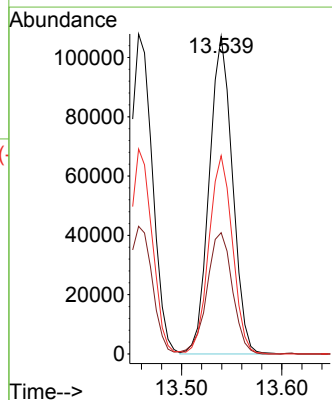
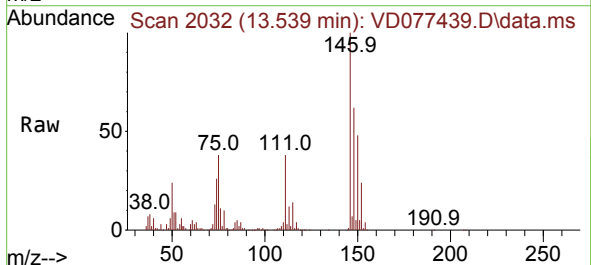
Instrument :
 MSVOA_D
 ClientSampleId :

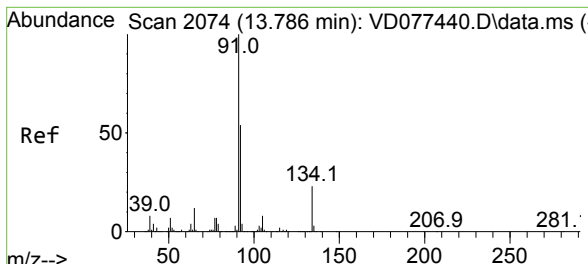
Tgt Ion:146 Resp: 173890
 Ion Ratio Lower Upper
 146 100
 111 41.2 17.9 53.8
 148 63.2 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 19.270 ug/l
 RT: 13.539 min Scan# 2032
 Delta R.T. 0.000 min
 Lab File: VD077439.D
 Acq: 30 Oct 2023 10:41

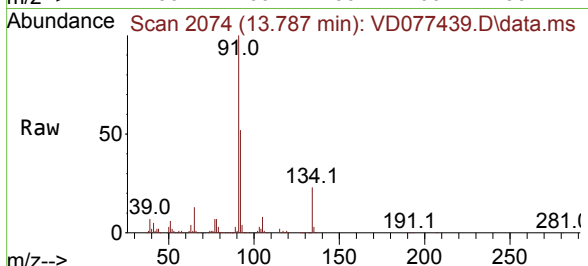
Tgt Ion:146 Resp: 172615
 Ion Ratio Lower Upper
 146 100
 111 41.7 17.4 52.3
 148 63.0 31.7 95.1



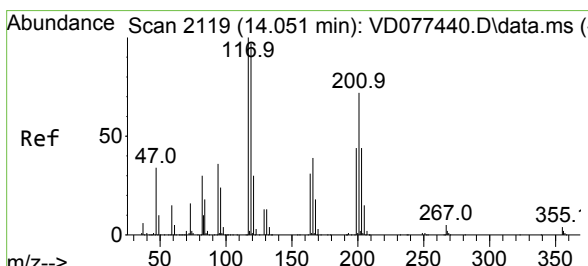
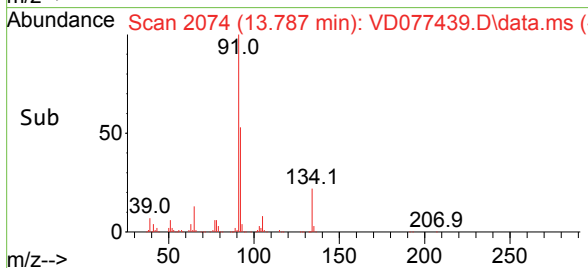
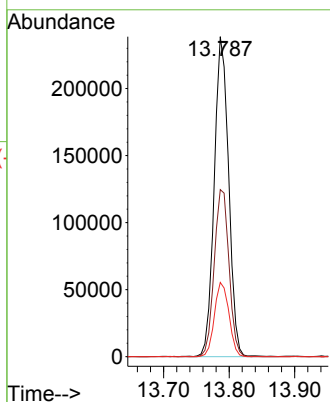


#89
 n-Butylbenzene
 Concen: 19.232 ug/l
 RT: 13.787 min Scan# 2074
 Delta R.T. 0.000 min
 Lab File: VD077439.D
 Acq: 30 Oct 2023 10:41

Instrument :
 MSVOA_D
 ClientSampleId :

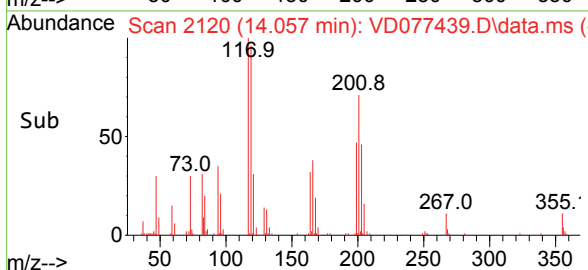
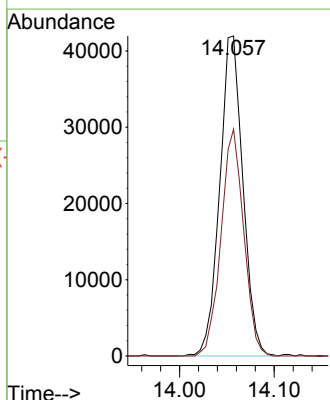
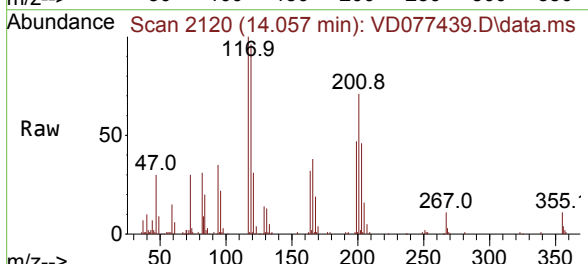


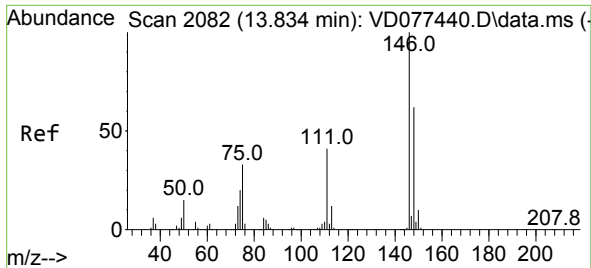
Tgt Ion:	91	Resp:	363416
Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.5	79.5
134	23.4	13.8	41.3



#90
 Hexachloroethane
 Concen: 19.216 ug/l
 RT: 14.057 min Scan# 2120
 Delta R.T. 0.006 min
 Lab File: VD077439.D
 Acq: 30 Oct 2023 10:41

Tgt Ion:	117	Resp:	71491
Ion	Ratio	Lower	Upper
117	100		
201	69.1	38.5	115.5

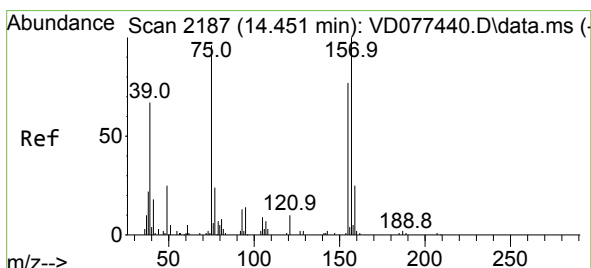
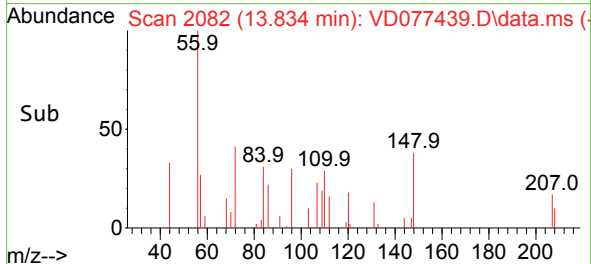
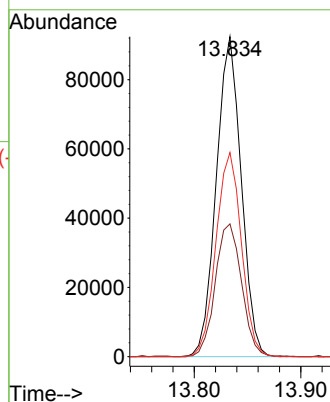
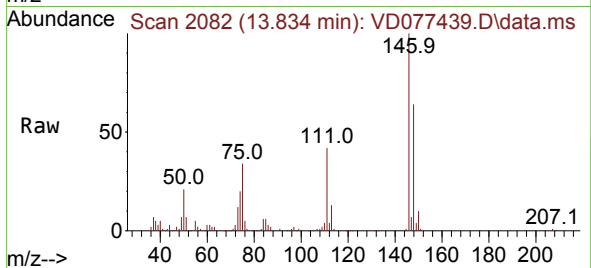




#91
1,2-Dichlorobenzene
Concen: 19.086 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077439.D
Acq: 30 Oct 2023 10:41

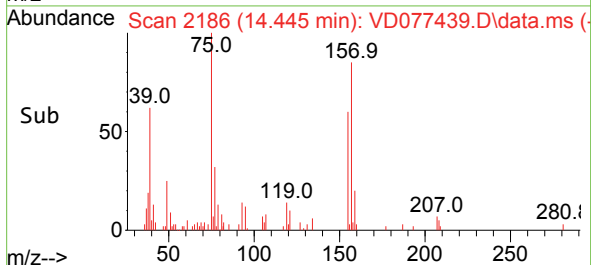
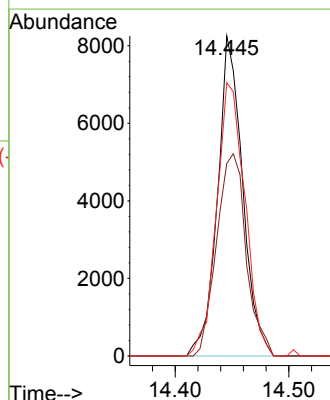
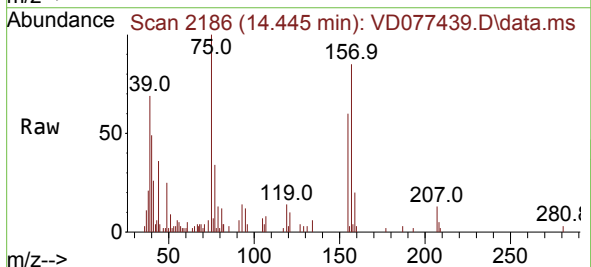
Instrument :
MSVOA_D
ClientSampleId :

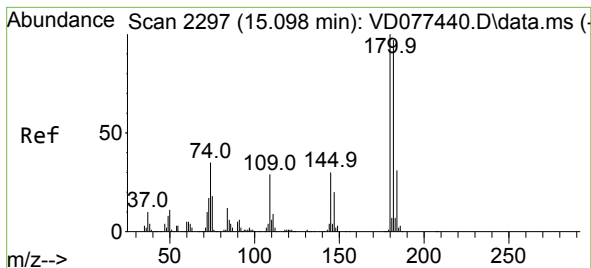
Tgt Ion:146 Resp: 150385
Ion Ratio Lower Upper
146 100
111 43.9 18.3 54.8
148 65.0 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.473 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD077439.D
Acq: 30 Oct 2023 10:41

Tgt Ion: 75 Resp: 12641
Ion Ratio Lower Upper
75 100
155 74.6 47.9 143.8
157 96.7 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 19.004 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

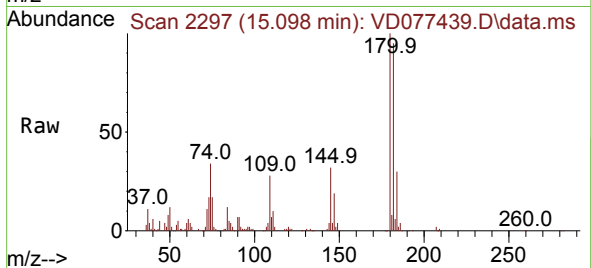
Lab File: VD077439.D

Acq: 30 Oct 2023 10:41

Instrument :

MSVOA_D

ClientSampleId :



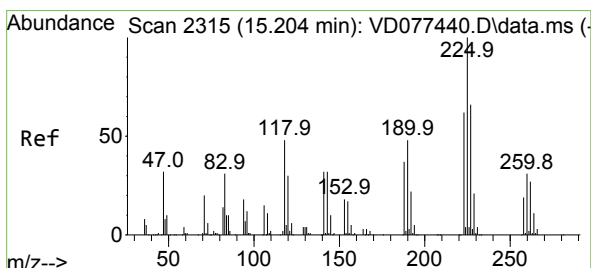
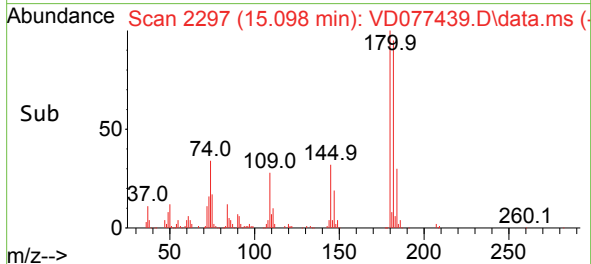
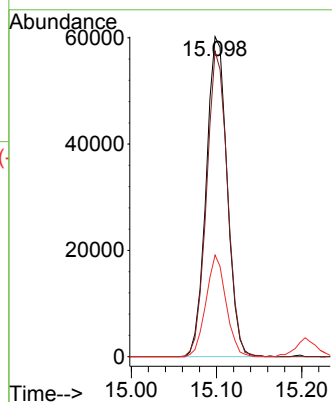
Tgt Ion:180 Resp: 102866

Ion Ratio Lower Upper

180 100

182 95.1 48.5 145.6

145 30.4 14.2 42.6



#94

Hexachlorobutadiene

Concen: 19.536 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD077439.D

Acq: 30 Oct 2023 10:41

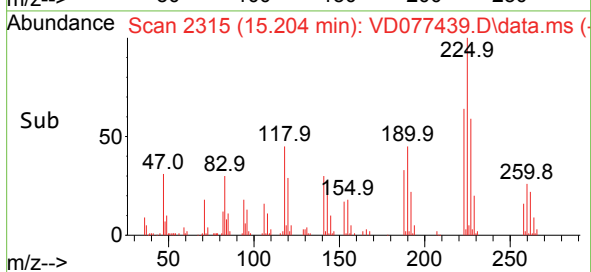
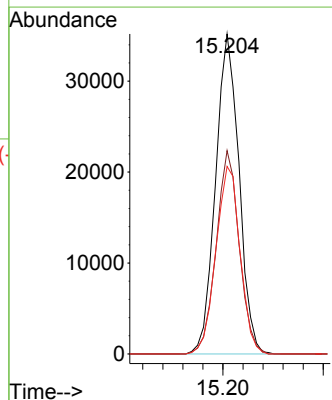
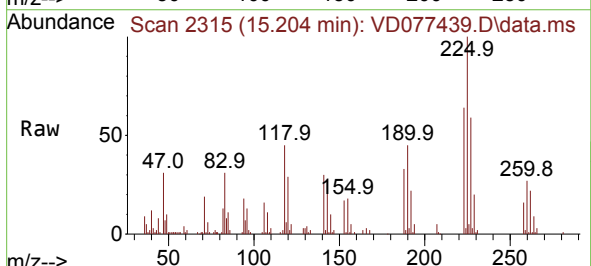
Tgt Ion:225 Resp: 57041

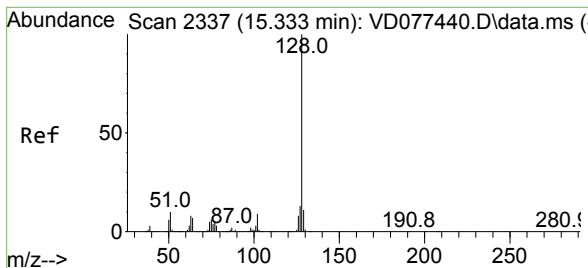
Ion Ratio Lower Upper

225 100

223 62.4 31.6 94.8

227 60.4 31.7 95.1

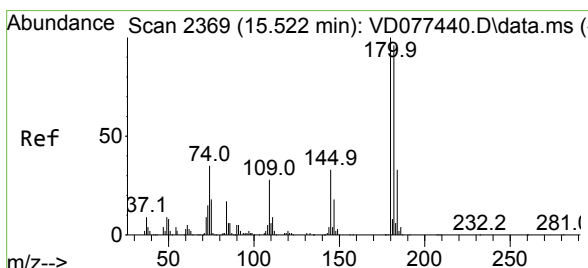
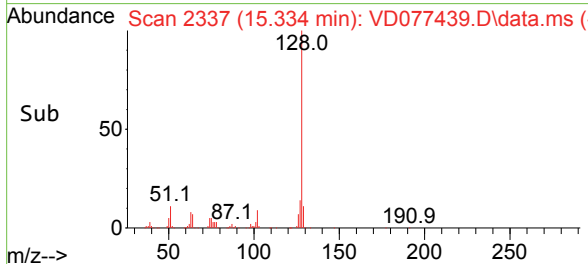
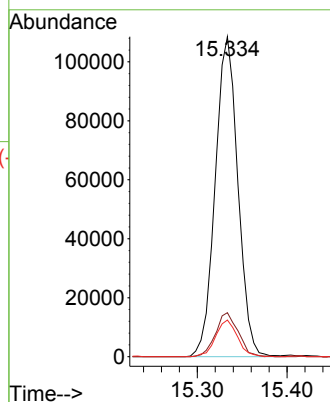
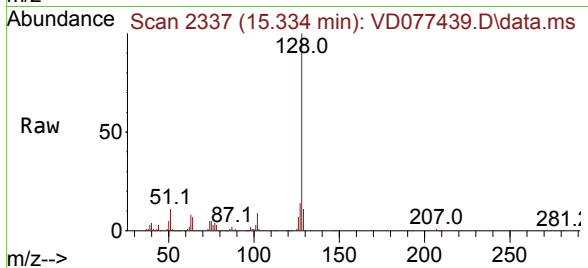




#95
Naphthalene
Concen: 18.447 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD077439.D
Acq: 30 Oct 2023 10:41

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 190482
Ion Ratio Lower Upper
128 100
127 13.8 10.5 15.7
129 11.5 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.475 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD077439.D
Acq: 30 Oct 2023 10:41

Tgt Ion:180 Resp: 86323
Ion Ratio Lower Upper
180 100
182 96.0 47.3 141.9
145 33.6 15.1 45.3

