

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD103123\
 Data File : VD077452.D
 Acq On : 31 Oct 2023 10:08
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 01 06:01:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 04:19:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	300148	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	531120	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	454701	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	204433	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	205560	48.433	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.860%
35) Dibromofluoromethane	7.810	113	184081	50.146	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.300%
50) Toluene-d8	10.269	98	726970	50.984	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.960%
62) 4-Bromofluorobenzene	12.575	95	231930	48.294	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.580%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.940	85	115401	47.683	ug/l	99
3) Chloromethane	2.152	50	209377	54.492	ug/l	98
4) Vinyl Chloride	2.293	62	216045	57.660	ug/l	96
5) Bromomethane	2.699	94	112647	57.374	ug/l	95
6) Chloroethane	2.846	64	142089	56.325	ug/l	99
7) Trichlorofluoromethane	3.181	101	275404	52.487	ug/l	96
8) Diethyl Ether	3.599	74	88733	47.045	ug/l #	46
9) 1,1,2-Trichlorotrifluo...	3.975	101	163022	51.465	ug/l	92
10) Methyl Iodide	4.169	142	178381	44.931	ug/l #	90
11) Tert butyl alcohol	5.052	59	67327	200.259	ug/l	95
12) 1,1-Dichloroethene	3.946	96	157662	52.574	ug/l #	66
13) Acrolein	3.799	56	87807	198.054	ug/l	95
14) Allyl chloride	4.569	41	373593	51.641	ug/l #	83
15) Acrylonitrile	5.252	53	241881	237.231	ug/l	98
16) Acetone	4.022	43	253156	225.413	ug/l #	78
17) Carbon Disulfide	4.275	76	464475	50.196	ug/l	99
18) Methyl Acetate	4.563	43	197181	48.133	ug/l #	76
19) Methyl tert-butyl Ether	5.322	73	438728	46.608	ug/l	92
20) Methylene Chloride	4.811	84	186973	43.995	ug/l #	63
21) trans-1,2-Dichloroethene	5.316	96	177870	50.928	ug/l #	68
22) Diisopropyl ether	6.216	45	746318	48.538	ug/l #	90
23) Vinyl Acetate	6.157	43	1843244	277.874	ug/l #	82
24) 1,1-Dichloroethane	6.116	63	396385	49.683	ug/l	93
25) 2-Butanone	7.081	43	337128	225.051	ug/l #	73
26) 2,2-Dichloropropane	7.081	77	337970	47.801	ug/l	90
27) cis-1,2-Dichloroethene	7.081	96	210686	48.692	ug/l	70
28) Bromochloromethane	7.428	49	188691	52.077	ug/l #	53
29) Tetrahydrofuran	7.446	42	206109	231.987	ug/l #	69
30) Chloroform	7.599	83	355030	47.659	ug/l	97
31) Cyclohexane	7.881	56	343861	51.827	ug/l #	76
32) 1,1,1-Trichloroethane	7.793	97	308003	50.183	ug/l	95
36) 1,1-Dichloropropene	8.010	75	283939	52.169	ug/l	91
37) Ethyl Acetate	7.169	43	148438	47.523	ug/l #	86
38) Carbon Tetrachloride	7.993	117	258489	50.400	ug/l	98
39) Methylcyclohexane	9.275	83	325760	52.457	ug/l #	78
40) Benzene	8.252	78	775441	49.964	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD103123\
 Data File : VD077452.D
 Acq On : 31 Oct 2023 10:08
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 01 06:01:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 04:19:17 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	86638	43.349	ug/l #	71
42) 1,2-Dichloroethane	8.328	62	232198	47.237	ug/l	89
43) Isopropyl Acetate	8.363	43	295118	45.785	ug/l #	81
44) Trichloroethene	9.028	130	184003	48.401	ug/l	83
45) 1,2-Dichloropropane	9.304	63	220474	48.253	ug/l	100
46) Dibromomethane	9.398	93	100300	45.614	ug/l	89
47) Bromodichloromethane	9.587	83	274221	47.182	ug/l	98
48) Methyl methacrylate	9.381	41	146910	47.747	ug/l #	63
49) 1,4-Dioxane	9.387	88	21053	891.032	ug/l #	62
51) 4-Methyl-2-Pentanone	10.157	43	726849	229.096	ug/l #	81
52) Toluene	10.334	92	464176	49.060	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	286439	46.544	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	339998	48.008	ug/l #	75
55) 1,1,2-Trichloroethane	10.734	97	133792	45.606	ug/l	93
56) Ethyl methacrylate	10.598	69	201734	46.250	ug/l #	62
57) 1,3-Dichloropropane	10.881	76	256435	46.766	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	557510	255.308	ug/l #	84
59) 2-Hexanone	10.922	43	518234	221.732	ug/l	78
60) Dibromochloromethane	11.075	129	159518	45.220	ug/l	96
61) 1,2-Dibromoethane	11.181	107	125767	45.269	ug/l	99
64) Tetrachloroethene	10.810	164	144243	49.826	ug/l	93
65) Chlorobenzene	11.610	112	462436	48.545	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	171181	47.553	ug/l	95
67) Ethyl Benzene	11.687	91	921264	50.263	ug/l	93
68) m/p-Xylenes	11.798	106	652739	98.620	ug/l	78
69) o-Xylene	12.122	106	313226	49.407	ug/l	81
70) Styrene	12.140	104	524450	47.952	ug/l #	89
71) Bromoform	12.298	173	90178	45.186	ug/l #	97
73) Isopropylbenzene	12.422	105	844045	50.640	ug/l	93
74) N-amyl acetate	12.234	43	280542	47.519	ug/l #	79
75) 1,1,2,2-Tetrachloroethane	12.675	83	156632	47.940	ug/l	97
76) 1,2,3-Trichloropropane	12.728	75	209953	84.382	ug/l #	100
77) Bromobenzene	12.704	156	171573	46.766	ug/l	69
78) n-propylbenzene	12.763	91	1066577	50.397	ug/l	92
79) 2-Chlorotoluene	12.851	91	587031	48.989	ug/l	87
80) 1,3,5-Trimethylbenzene	12.904	105	684648	48.954	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.469	75	60022	46.597	ug/l #	84
82) 4-Chlorotoluene	12.951	91	599147	48.002	ug/l	87
83) tert-Butylbenzene	13.169	119	575988	48.985	ug/l	87
84) 1,2,4-Trimethylbenzene	13.216	105	678607	48.846	ug/l	92
85) sec-Butylbenzene	13.345	105	901842	50.127	ug/l	93
86) p-Isopropyltoluene	13.463	119	718738	49.149	ug/l	93
87) 1,3-Dichlorobenzene	13.463	146	340236	47.179	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	335184	46.520	ug/l	95
89) n-Butylbenzene	13.787	91	756424	49.766	ug/l	97
90) Hexachloroethane	14.057	117	146356	48.908	ug/l	91
91) 1,2-Dichlorobenzene	13.834	146	297447	46.933	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.451	75	24883	45.208	ug/l	80
93) 1,2,4-Trichlorobenzene	15.104	180	196051	45.029	ug/l	97
94) Hexachlorobutadiene	15.204	225	110042	46.856	ug/l	100
95) Naphthalene	15.333	128	377956	45.505	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	169259	45.037	ug/l	99

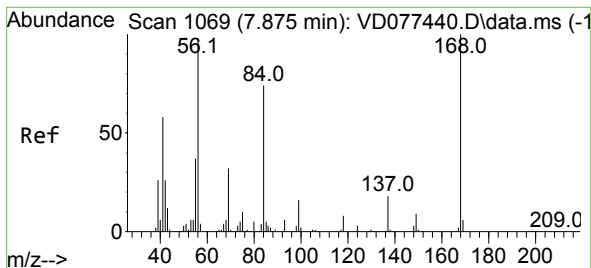
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD103123\
Data File : VD077452.D
Acq On : 31 Oct 2023 10:08
Operator : JC/SY
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Nov 01 06:01:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 31 04:19:17 2023
Response via : Initial Calibration

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 10

Delta R.T. 0.000 min

Lab File: VD077452.D

Acq: 31 Oct 2023 10:08

Instrument :

MSVOA_D

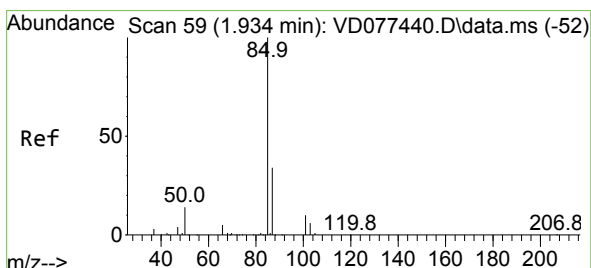
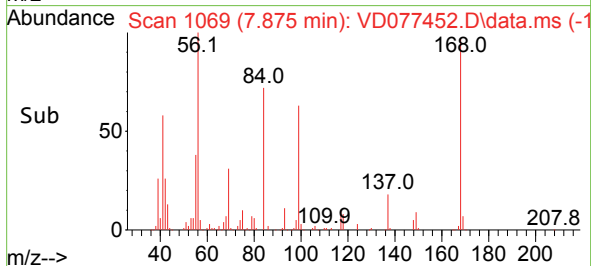
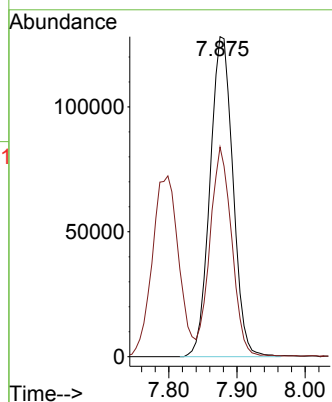
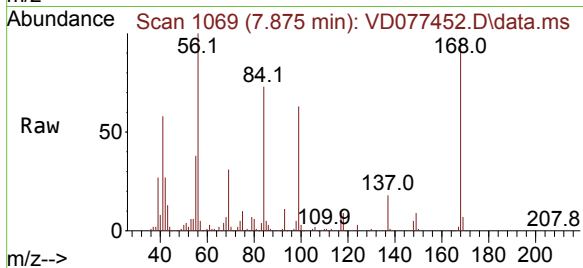
ClientSampleId :

Tgt Ion:168 Resp: 300148

Ion Ratio Lower Upper

168 100

99 65.2 36.7 55.1#



#2

Dichlorodifluoromethane

Concen: 47.683 ug/l

RT: 1.940 min Scan# 60

Delta R.T. 0.006 min

Lab File: VD077452.D

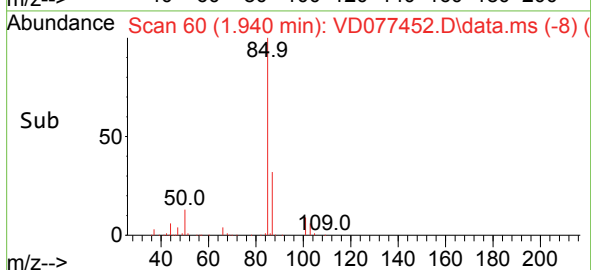
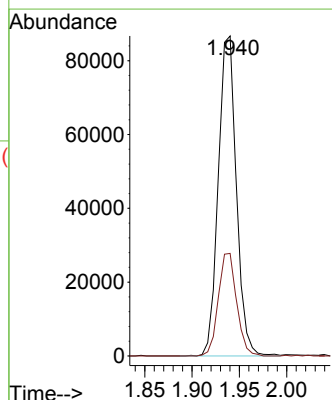
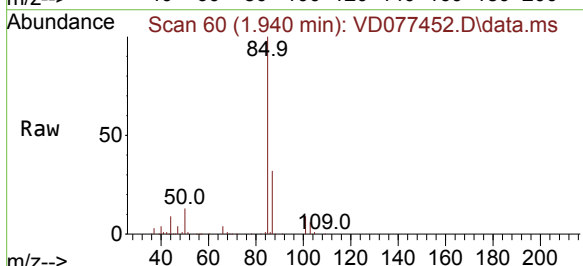
Acq: 31 Oct 2023 10:08

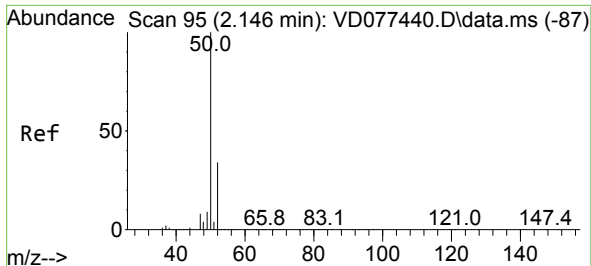
Tgt Ion: 85 Resp: 115401

Ion Ratio Lower Upper

85 100

87 32.1 15.7 47.0

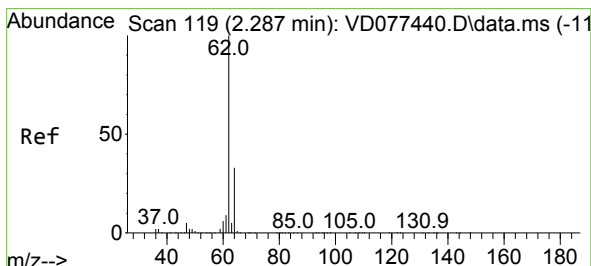
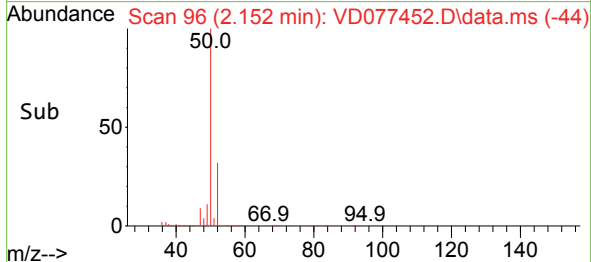
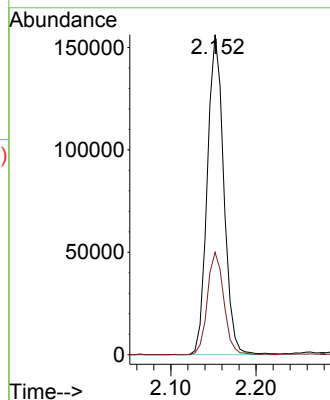
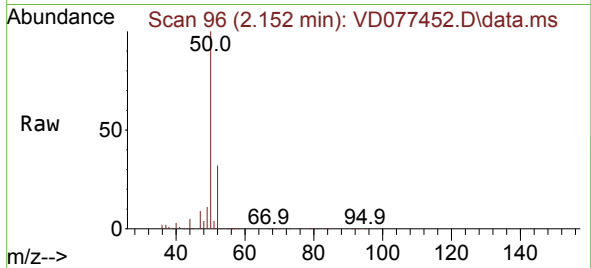




#3
Chloromethane
Concen: 54.492 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

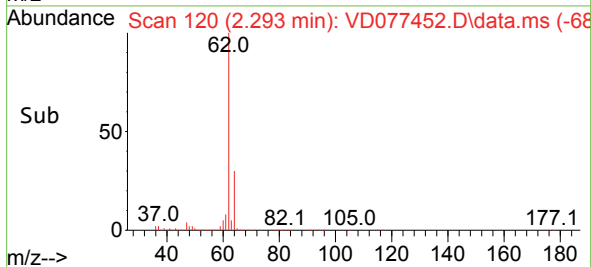
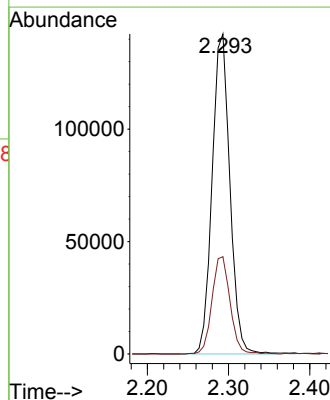
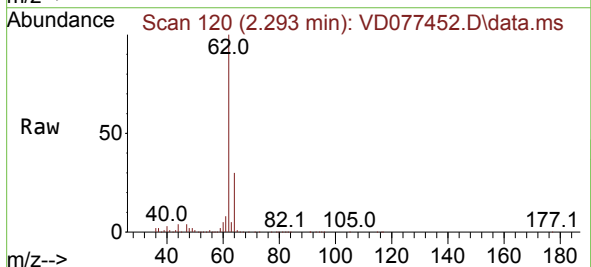
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 50 Resp: 209377
Ion Ratio Lower Upper
50 100
52 32.0 26.6 40.0



#4
Vinyl Chloride
Concen: 57.660 ug/l
RT: 2.293 min Scan# 120
Delta R.T. 0.006 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

Tgt Ion: 62 Resp: 216045
Ion Ratio Lower Upper
62 100
64 30.4 26.0 39.0

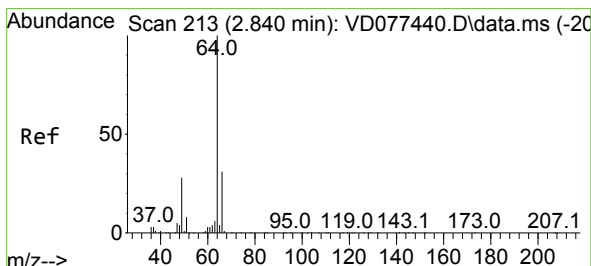
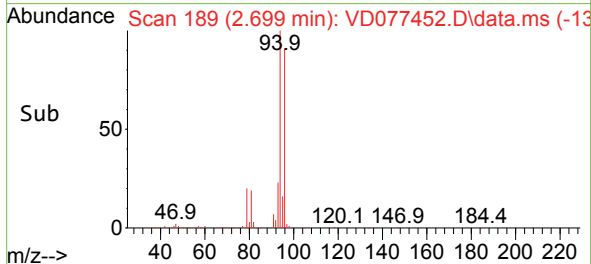
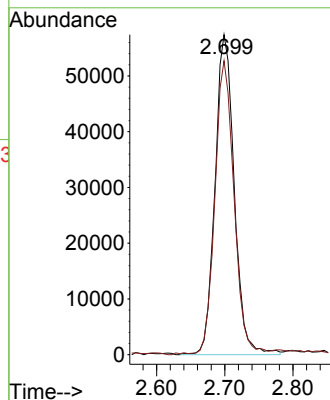
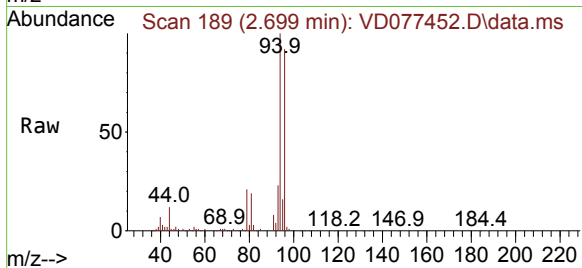




#5
Bromomethane
Concen: 57.374 ug/l
RT: 2.699 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

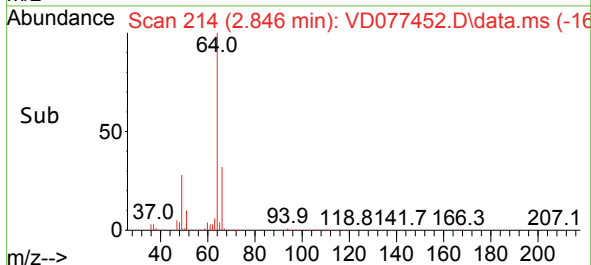
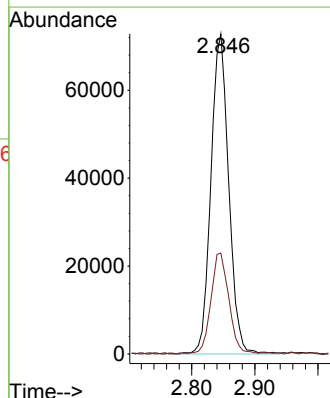
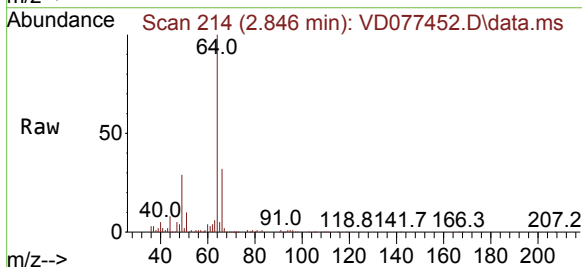
Instrument :
MSVOA_D
ClientSampleId :

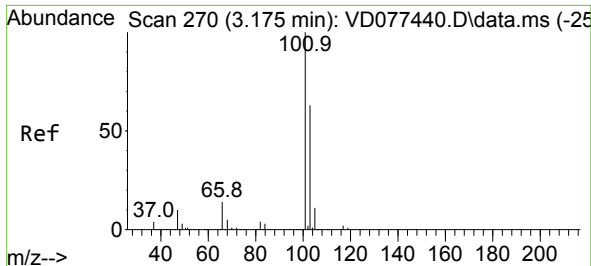
Tgt Ion: 94 Resp: 112647
Ion Ratio Lower Upper
94 100
96 90.2 75.8 113.8



#6
Chloroethane
Concen: 56.325 ug/l
RT: 2.846 min Scan# 214
Delta R.T. 0.006 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

Tgt Ion: 64 Resp: 142089
Ion Ratio Lower Upper
64 100
66 31.3 25.5 38.3

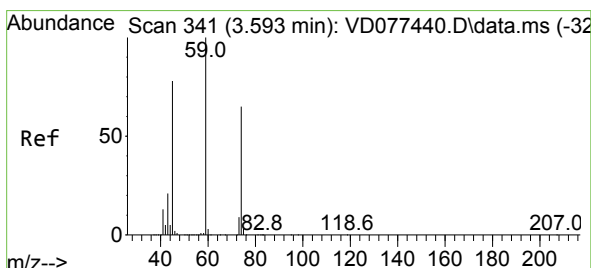
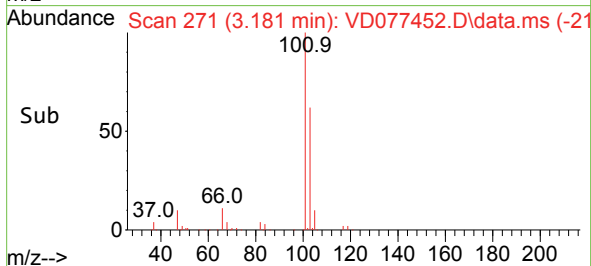
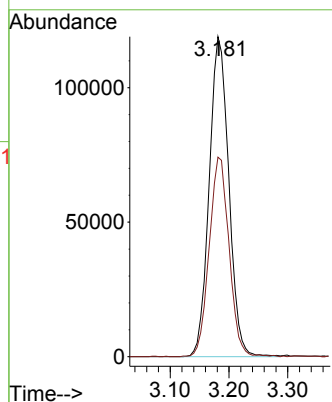
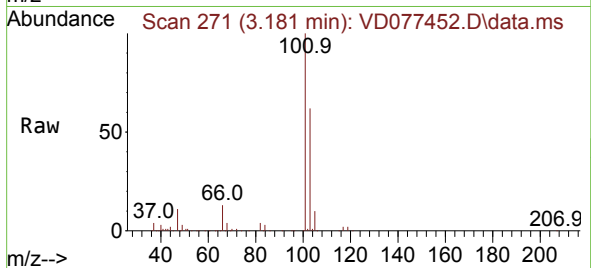




#7
 Trichlorofluoromethane
 Concen: 52.487 ug/l
 RT: 3.181 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD077452.D
 Acq: 31 Oct 2023 10:08

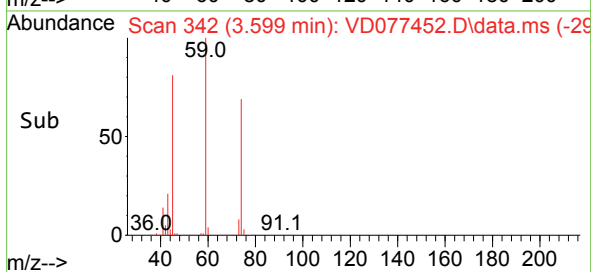
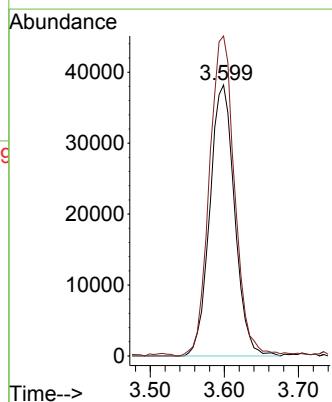
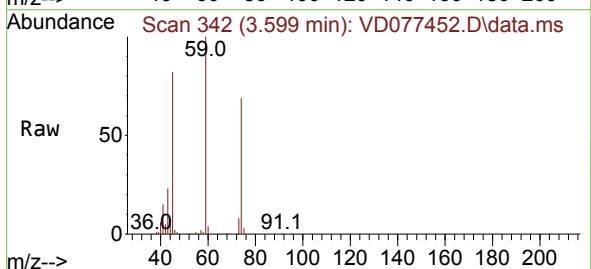
Instrument :
 MSVOA_D
 ClientSampleId :

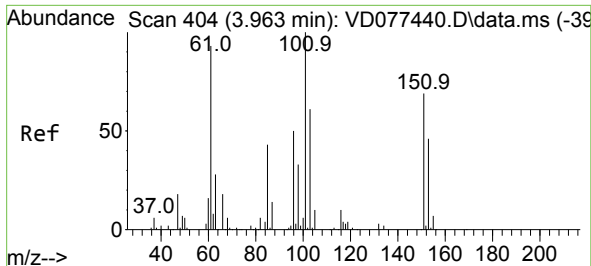
Tgt Ion:101 Resp: 275404
 Ion Ratio Lower Upper
 101 100
 103 62.4 52.3 78.5



#8
 Diethyl Ether
 Concen: 47.045 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VD077452.D
 Acq: 31 Oct 2023 10:08

Tgt Ion: 74 Resp: 88733
 Ion Ratio Lower Upper
 74 100
 45 121.4 37.5 112.7#

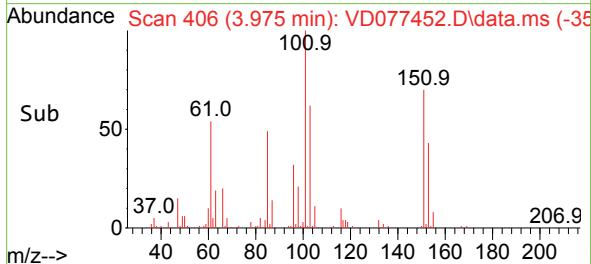
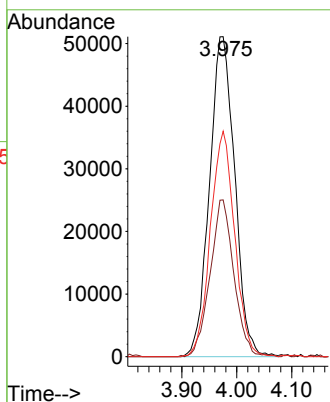
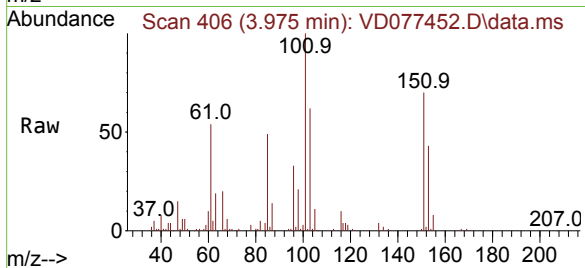




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.465 ug/l
RT: 3.975 min Scan# 406
Delta R.T. 0.012 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

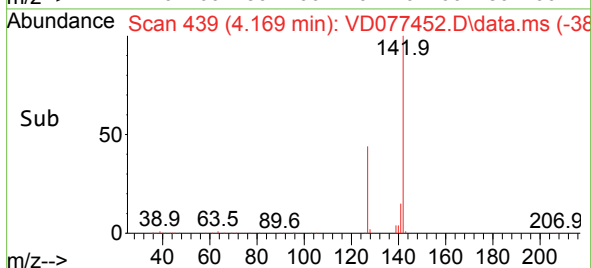
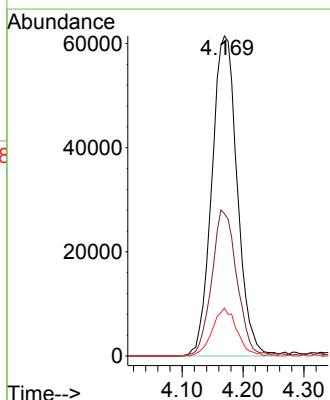
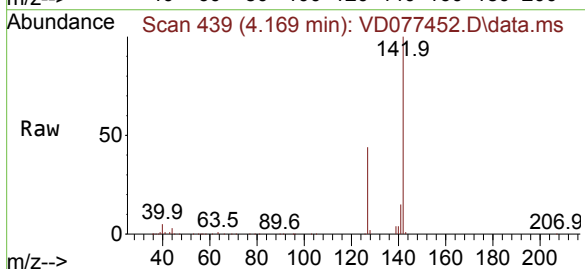
Instrument :
MSVOA_D
ClientSampleId :

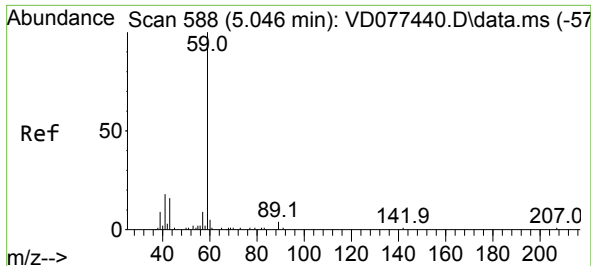
Tgt Ion:101 Resp: 163022
Ion Ratio Lower Upper
101 100
85 46.4 33.8 50.6
151 67.7 59.8 89.6



#10
Methyl Iodide
Concen: 44.931 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

Tgt Ion:142 Resp: 178381
Ion Ratio Lower Upper
142 100
127 44.9 29.4 44.0#
141 14.4 11.1 16.7

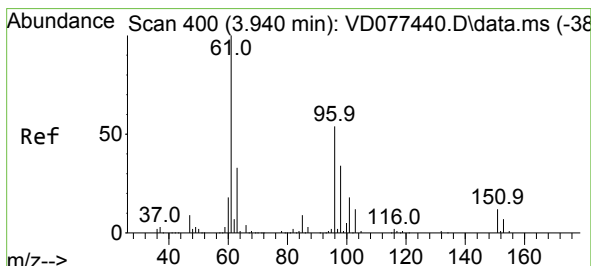
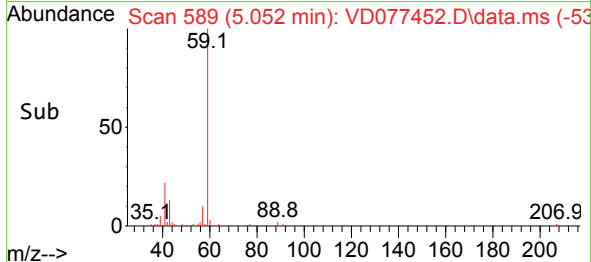
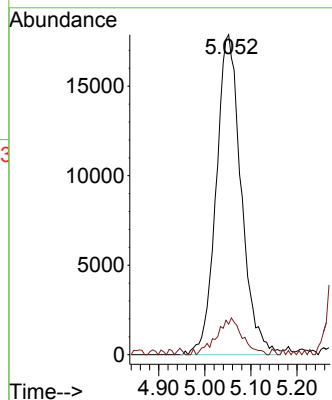
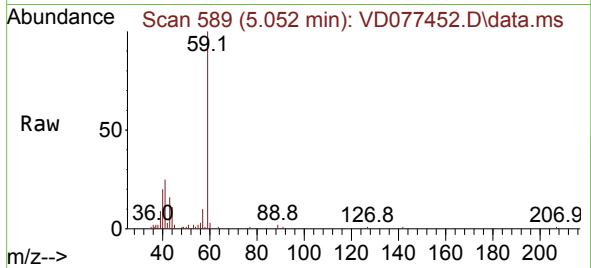




#11
Tert butyl alcohol
Concen: 200.259 ug/l
RT: 5.052 min Scan# 589
Delta R.T. 0.006 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

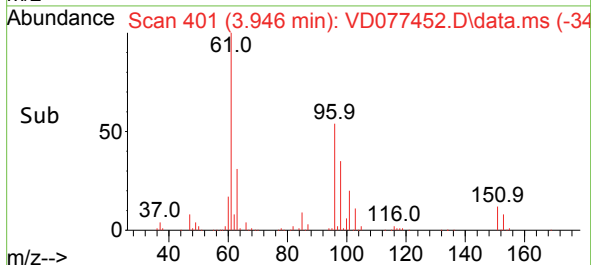
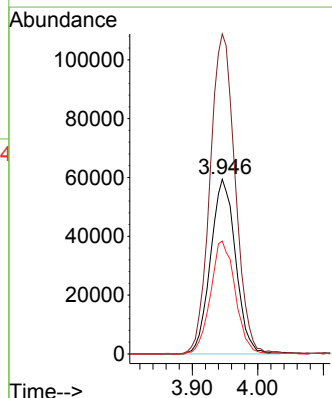
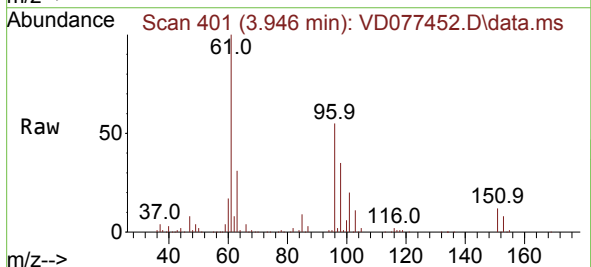
Instrument :
MSVOA_D
ClientSampleId :

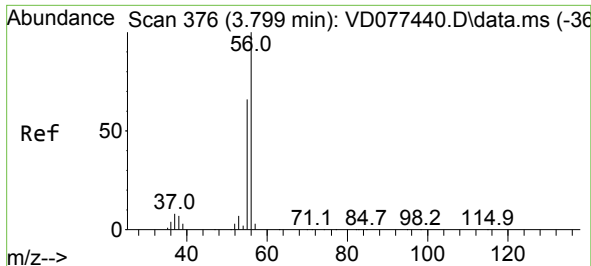
Tgt Ion: 59 Resp: 67327
Ion Ratio Lower Upper
59 100
57 11.7 7.8 11.8



#12
1,1-Dichloroethene
Concen: 52.574 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

Tgt Ion: 96 Resp: 157662
Ion Ratio Lower Upper
96 100
61 183.2 100.6 150.8#
98 64.7 50.2 75.2





#13

Acrolein

Concen: 198.054 ug/l

RT: 3.799 min Scan# 31

Delta R.T. 0.000 min

Lab File: VD077452.D

Acq: 31 Oct 2023 10:08

Instrument :

MSVOA_D

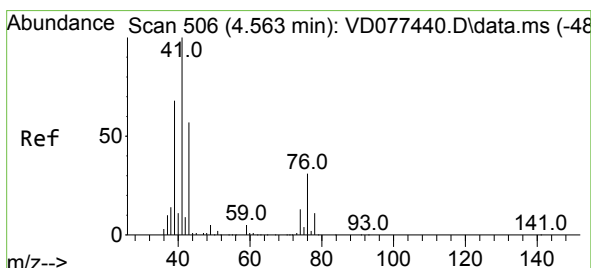
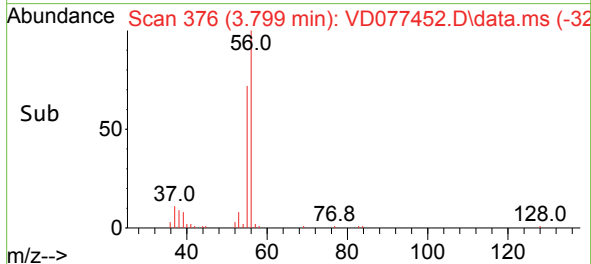
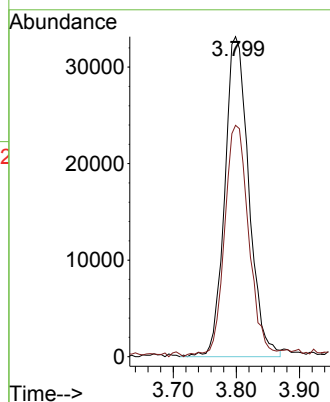
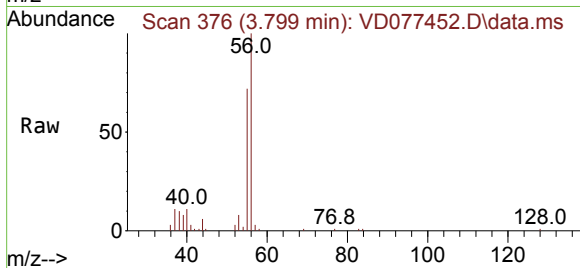
ClientSampleId :

Tgt Ion: 56 Resp: 87807

Ion Ratio Lower Upper

56 100

55 73.1 55.1 82.7



#14

Allyl chloride

Concen: 51.641 ug/l

RT: 4.569 min Scan# 507

Delta R.T. 0.006 min

Lab File: VD077452.D

Acq: 31 Oct 2023 10:08

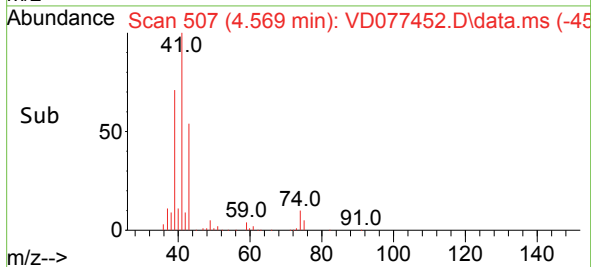
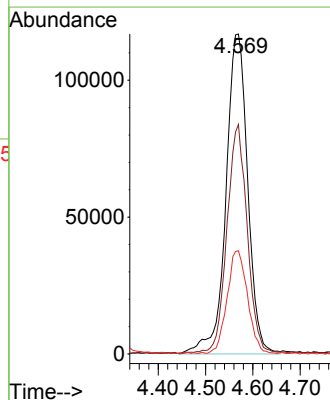
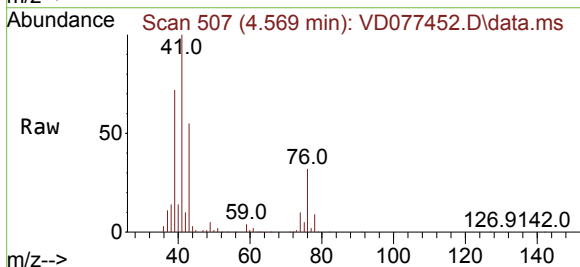
Tgt Ion: 41 Resp: 373593

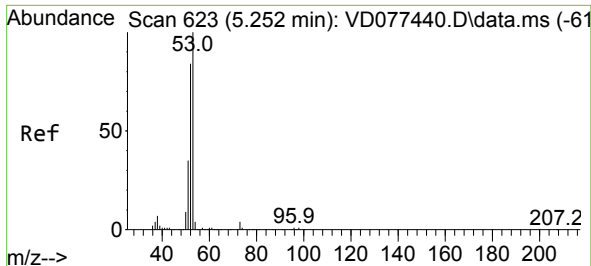
Ion Ratio Lower Upper

41 100

39 66.4 53.8 80.6

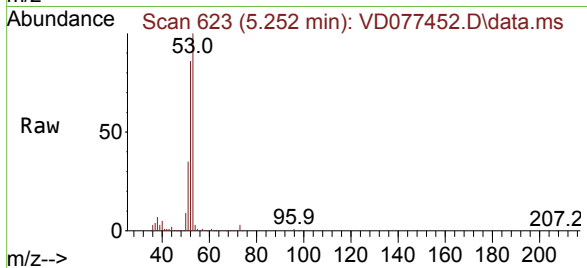
76 30.1 45.8 68.8#



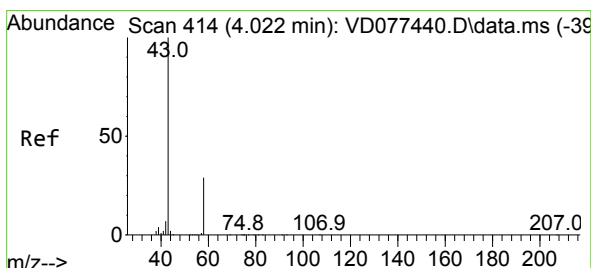
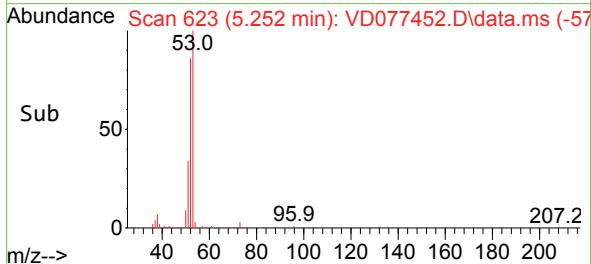
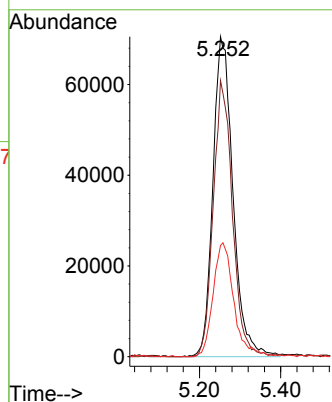


#15
Acrylonitrile
Concen: 237.231 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

Instrument :
MSVOA_D
ClientSampleId :

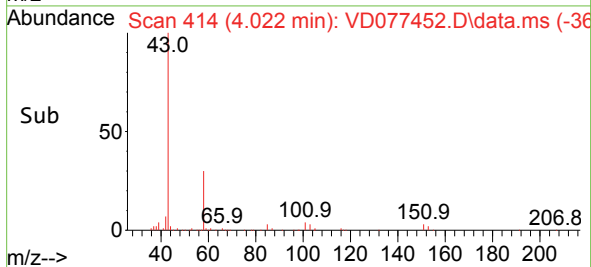
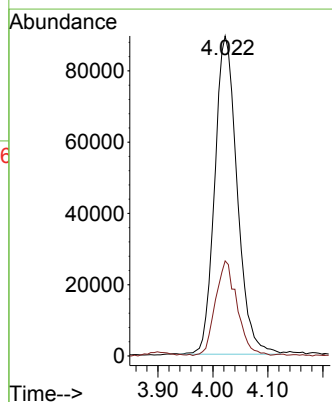
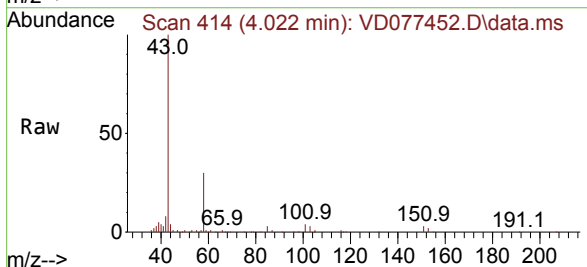


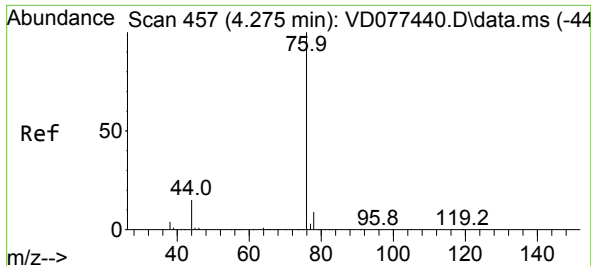
Tgt Ion: 53 Resp: 241881
Ion Ratio Lower Upper
53 100
52 82.1 65.0 97.4
51 36.9 28.3 42.5



#16
Acetone
Concen: 225.413 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

Tgt Ion: 43 Resp: 253156
Ion Ratio Lower Upper
43 100
58 29.4 34.7 52.1#





#17

Carbon Disulfide

Concen: 50.196 ug/l

RT: 4.275 min Scan# 4

Delta R.T. 0.000 min

Lab File: VD077452.D

Acq: 31 Oct 2023 10:08

Instrument :

MSVOA_D

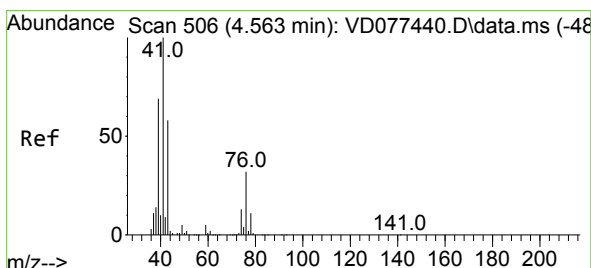
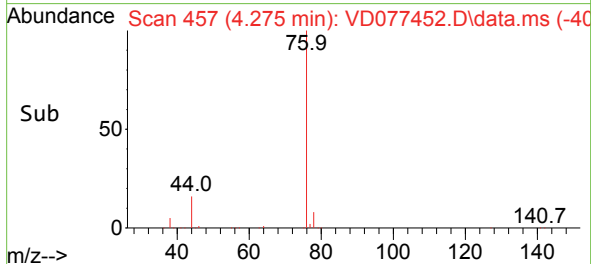
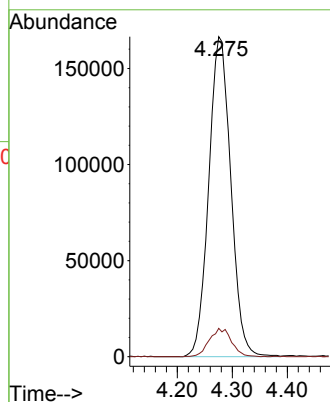
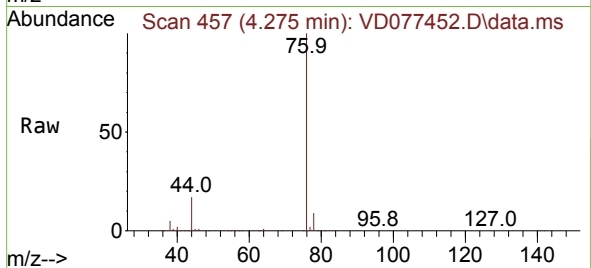
ClientSampleId :

Tgt Ion: 76 Resp: 464475

Ion Ratio Lower Upper

76 100

78 8.8 6.8 10.2



#18

Methyl Acetate

Concen: 48.133 ug/l

RT: 4.563 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD077452.D

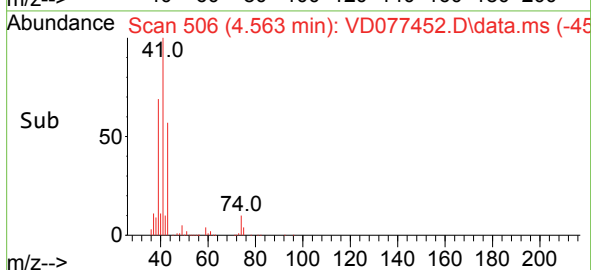
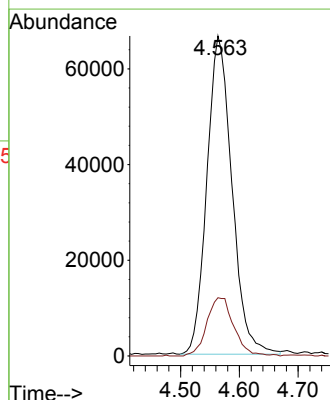
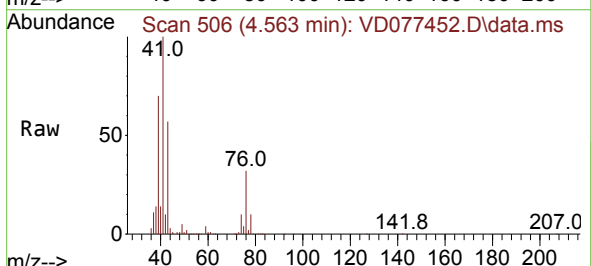
Acq: 31 Oct 2023 10:08

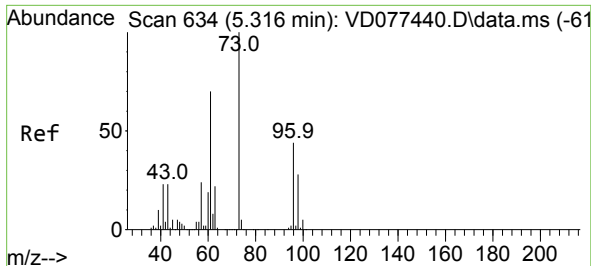
Tgt Ion: 43 Resp: 197181

Ion Ratio Lower Upper

43 100

74 19.7 26.4 39.6#





#19

Methyl tert-butyl Ether

Concen: 46.608 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD077452.D

Acq: 31 Oct 2023 10:08

Instrument :

MSVOA_D

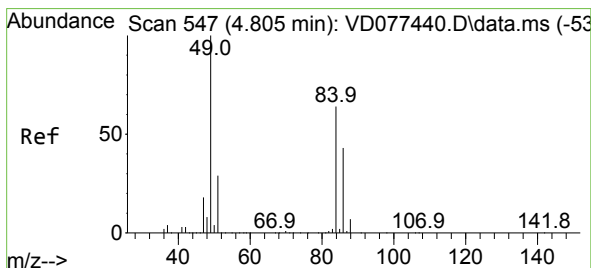
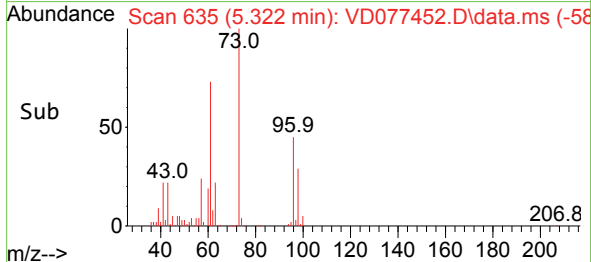
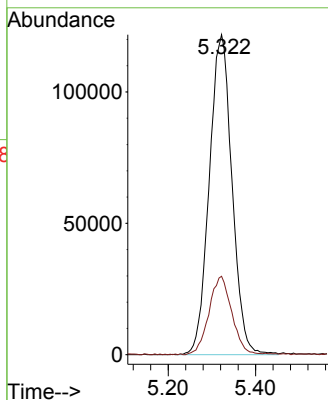
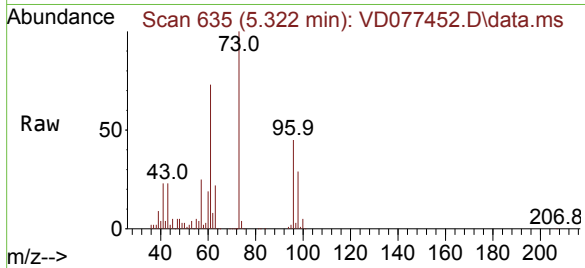
ClientSampleId :

Tgt Ion: 73 Resp: 438728

Ion Ratio Lower Upper

73 100

57 24.5 16.6 25.0



#20

Methylene Chloride

Concen: 43.995 ug/l

RT: 4.811 min Scan# 548

Delta R.T. 0.006 min

Lab File: VD077452.D

Acq: 31 Oct 2023 10:08

Tgt Ion: 84 Resp: 186973

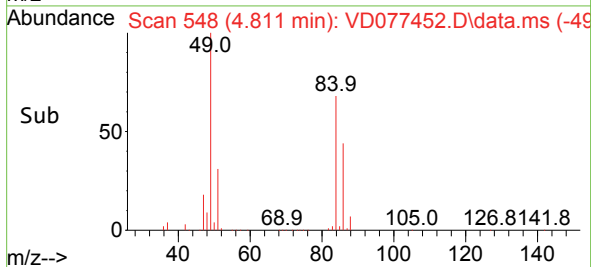
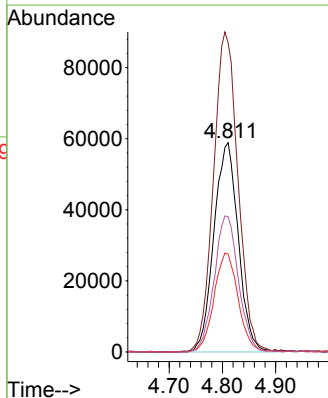
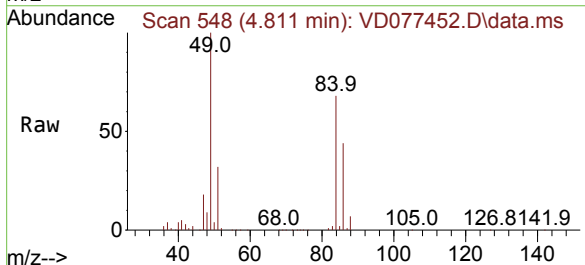
Ion Ratio Lower Upper

84 100

49 147.7 71.4 107.2#

51 46.8 24.5 36.7#

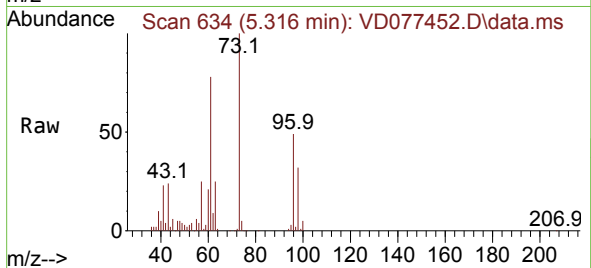
86 64.6 48.7 73.1



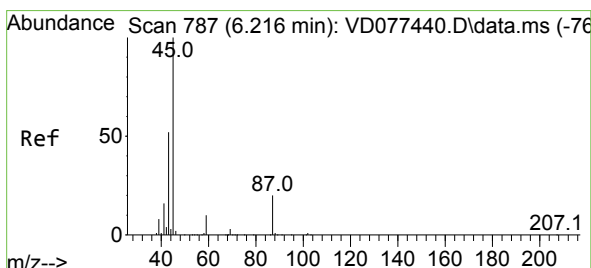
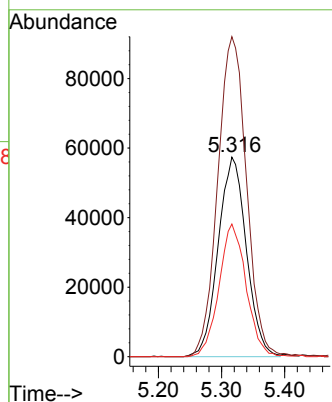
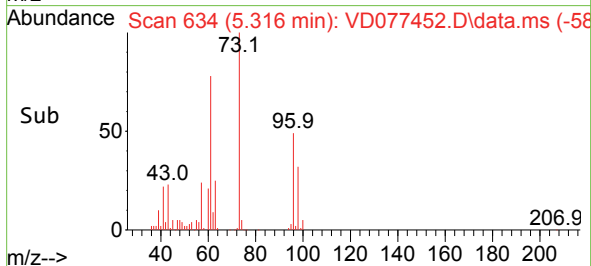


#21
trans-1,2-Dichloroethene
Concen: 50.928 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

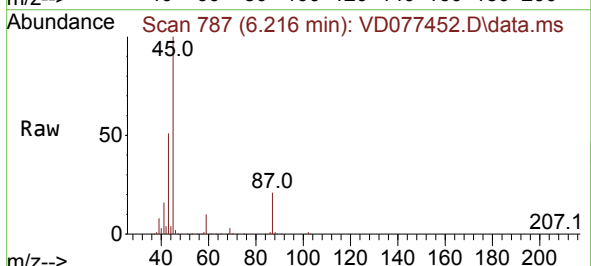
Instrument :
MSVOA_D
ClientSampleId :



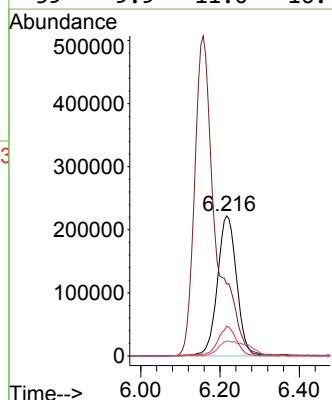
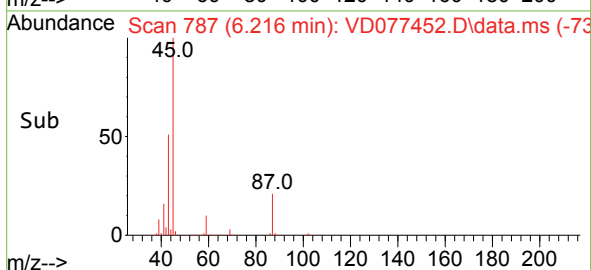
Tgt Ion: 96 Resp: 177870
Ion Ratio Lower Upper
96 100
61 160.4 89.3 133.9#
98 66.5 48.6 73.0

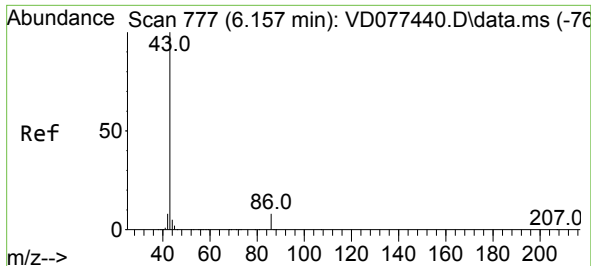


#22
Diisopropyl ether
Concen: 48.538 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08



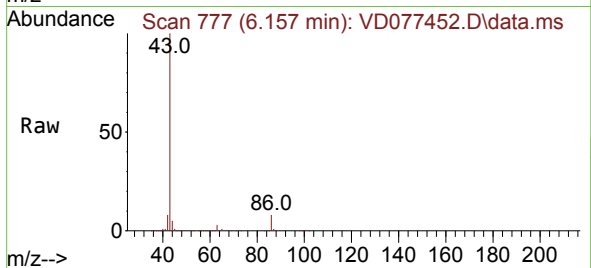
Tgt Ion: 45 Resp: 746318
Ion Ratio Lower Upper
45 100
43 50.2 40.0 60.0
87 20.9 28.2 42.4#
59 9.9 11.0 16.4#



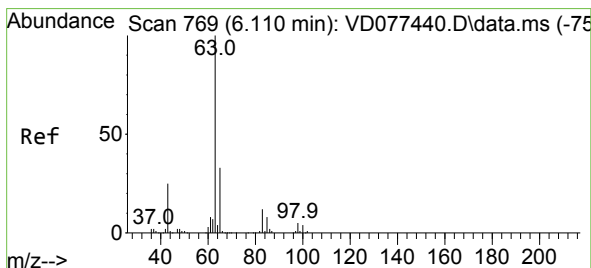
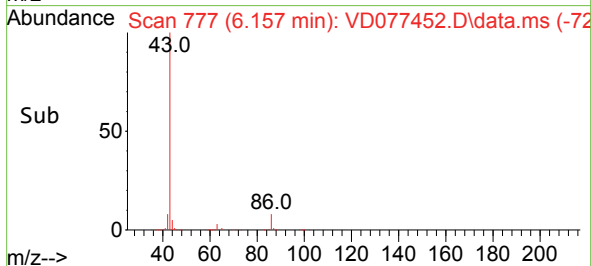
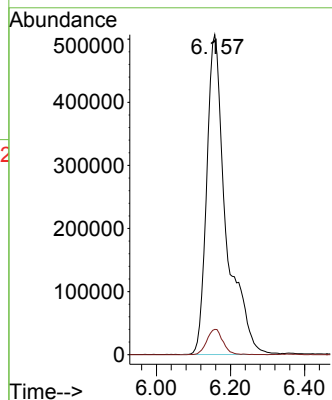


#23
 Vinyl Acetate
 Concen: 277.874 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD077452.D
 Acq: 31 Oct 2023 10:08

Instrument :
 MSVOA_D
 ClientSampleId :

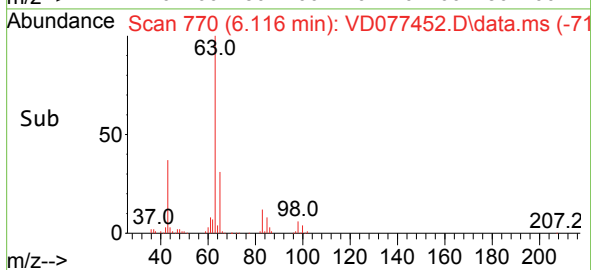
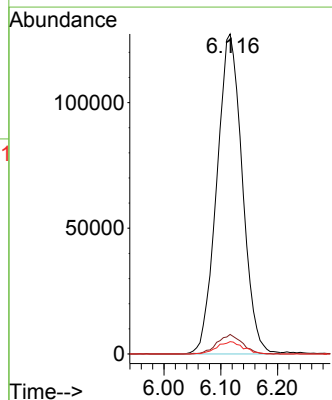
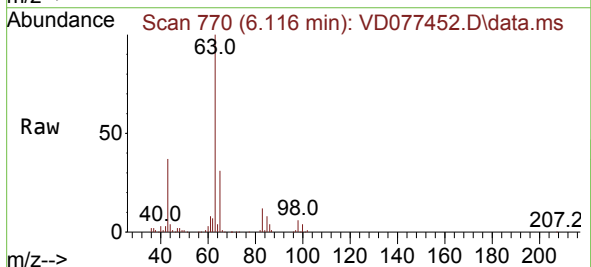


Tgt Ion: 43 Resp: 1843244
 Ion Ratio Lower Upper
 43 100
 86 7.9 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 49.683 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD077452.D
 Acq: 31 Oct 2023 10:08

Tgt Ion: 63 Resp: 396385
 Ion Ratio Lower Upper
 63 100
 98 6.1 4.5 13.7
 100 3.9 2.5 7.5

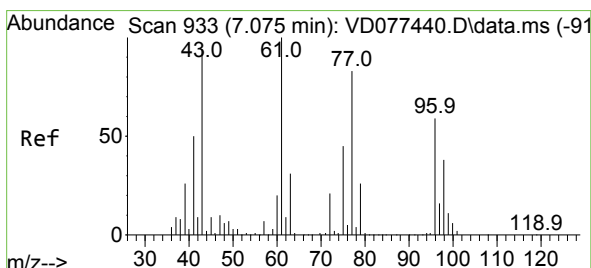
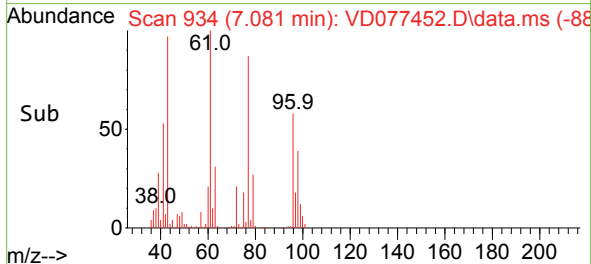
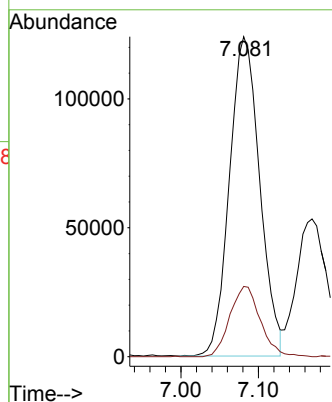
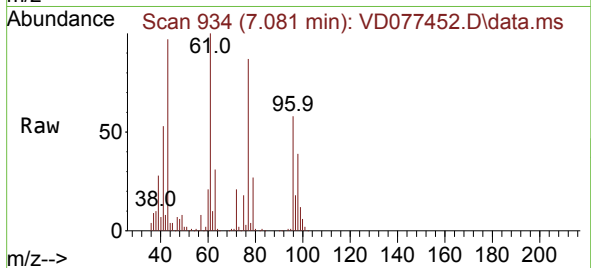




#25
2-Butanone
Concen: 225.051 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

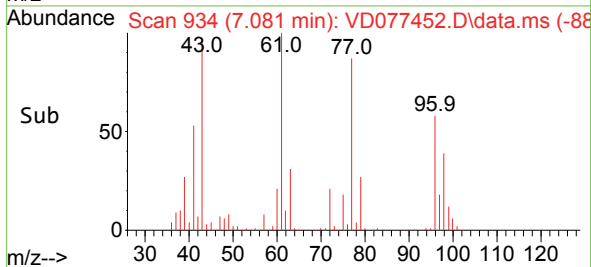
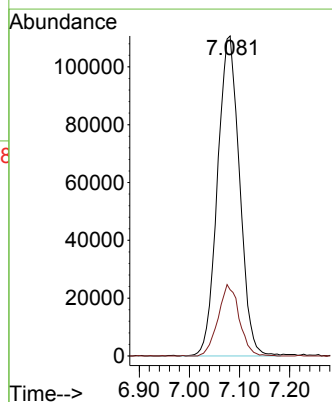
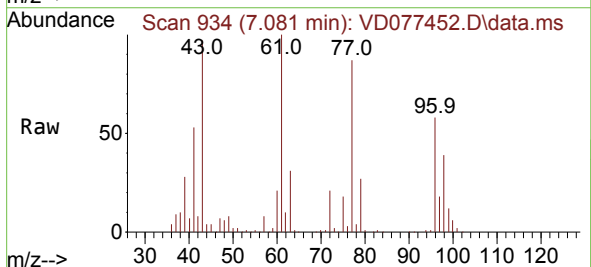
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 337128
Ion Ratio Lower Upper
43 100
72 22.0 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 47.801 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

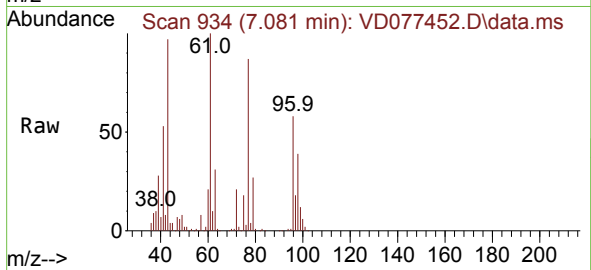
Tgt Ion: 77 Resp: 337970
Ion Ratio Lower Upper
77 100
97 21.4 13.2 39.6





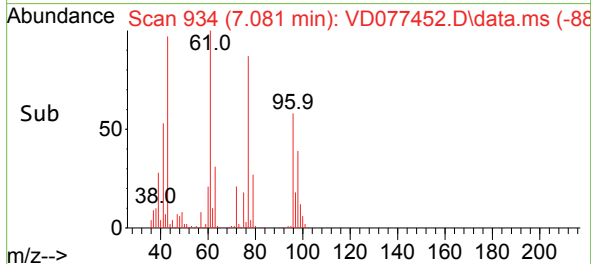
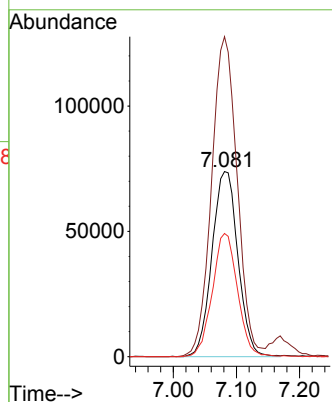
#27
 cis-1,2-Dichloroethene
 Concen: 48.692 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD077452.D
 Acq: 31 Oct 2023 10:08

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 96 Resp: 210686

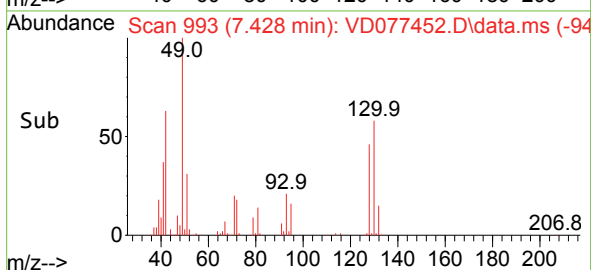
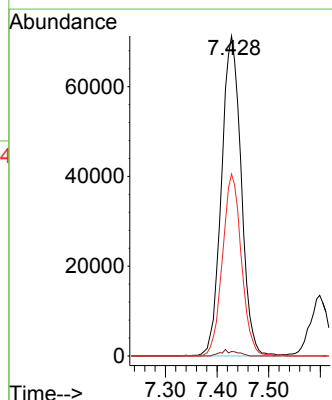
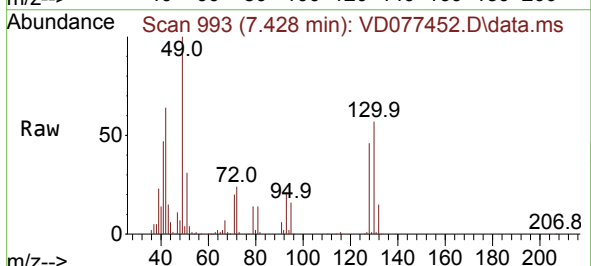
Ion	Ratio	Lower	Upper
96	100		
61	171.0	0.0	239.2
98	64.6	0.0	128.6

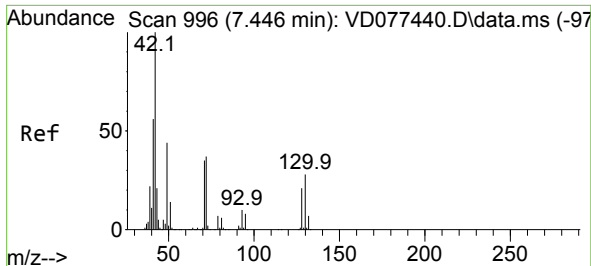


#28
 Bromochloromethane
 Concen: 52.077 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD077452.D
 Acq: 31 Oct 2023 10:08

Tgt Ion: 49 Resp: 188691

Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	6.0
130	54.5	83.2	124.8





#29

Tetrahydrofuran

Concen: 231.987 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD077452.D

Acq: 31 Oct 2023 10:08

Instrument :

MSVOA_D

ClientSampleId :

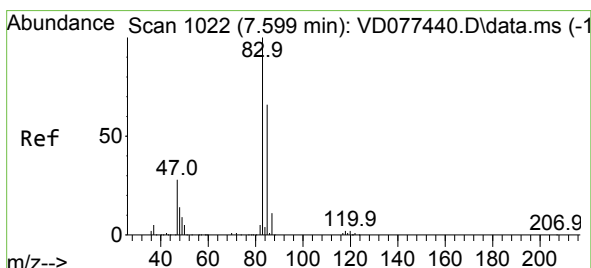
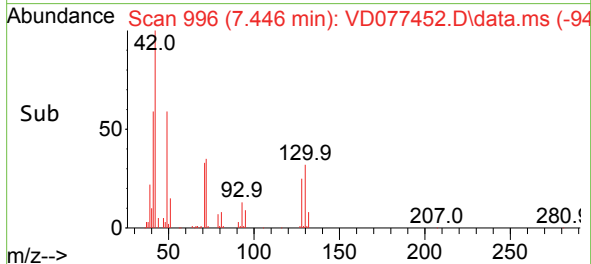
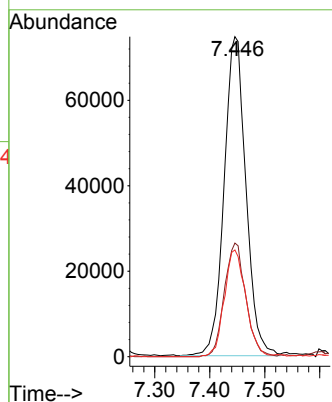
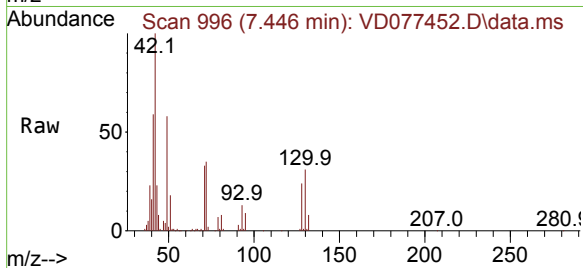
Tgt Ion: 42 Resp: 206109

Ion Ratio Lower Upper

42 100

72 34.9 46.5 69.7#

71 33.0 44.5 66.7#



#30

Chloroform

Concen: 47.659 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD077452.D

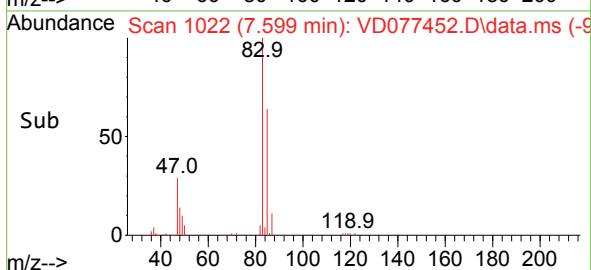
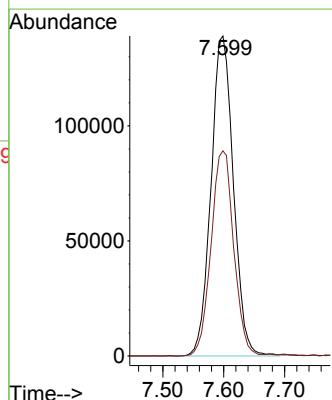
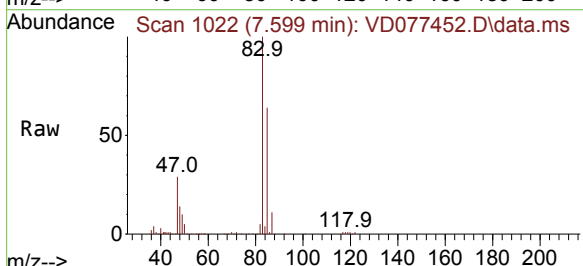
Acq: 31 Oct 2023 10:08

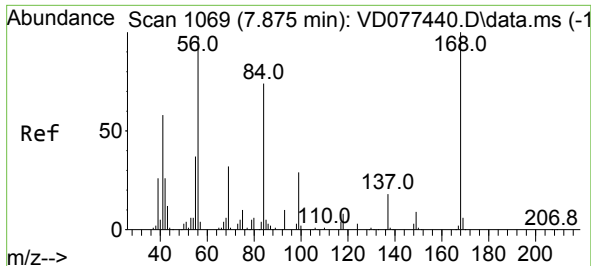
Tgt Ion: 83 Resp: 355030

Ion Ratio Lower Upper

83 100

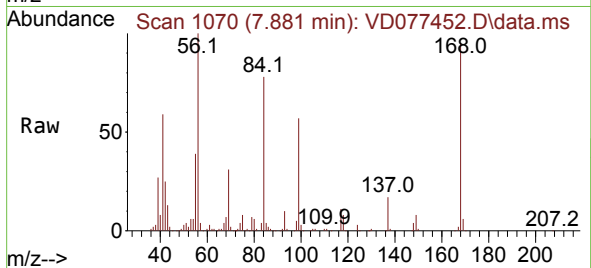
85 64.1 53.4 80.2



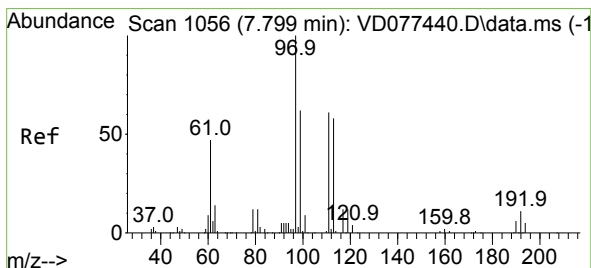
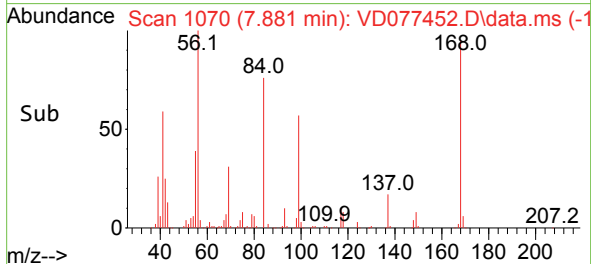
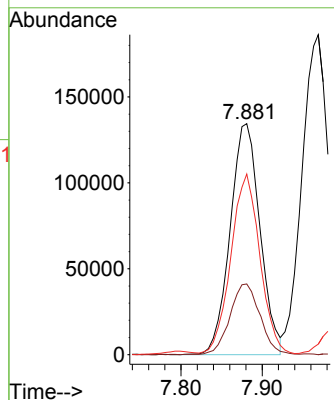


#31
Cyclohexane
Concen: 51.827 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

Instrument :
MSVOA_D
ClientSampleId :

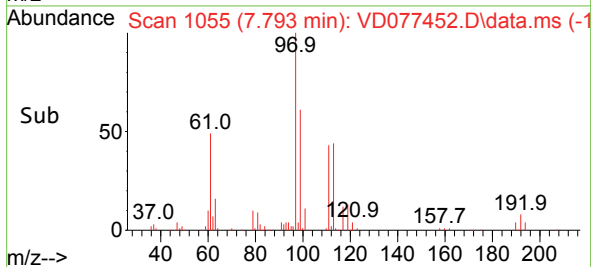
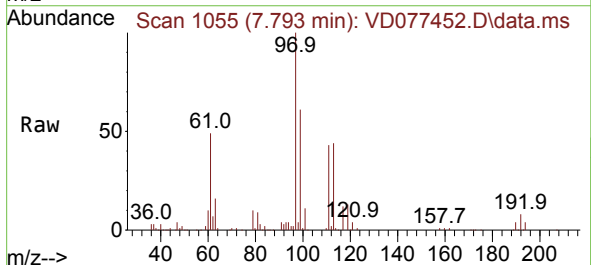
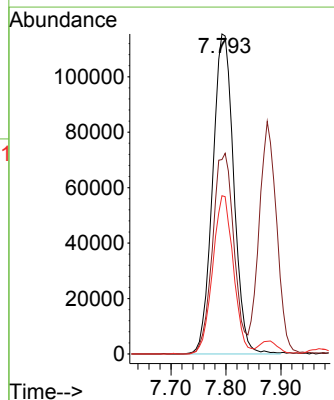


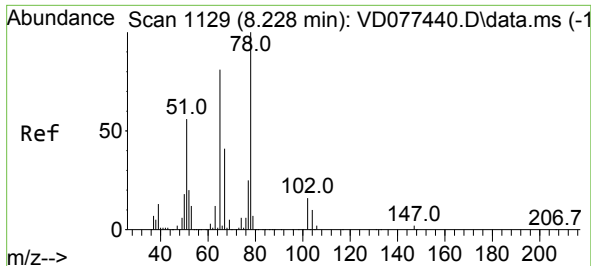
Tgt Ion: 56 Resp: 343861
Ion Ratio Lower Upper
56 100
69 30.6 28.6 43.0
84 76.5 84.8 127.2#



#32
1,1,1-Trichloroethane
Concen: 50.183 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

Tgt Ion: 97 Resp: 308003
Ion Ratio Lower Upper
97 100
99 63.8 52.0 78.0
61 48.7 33.8 50.8

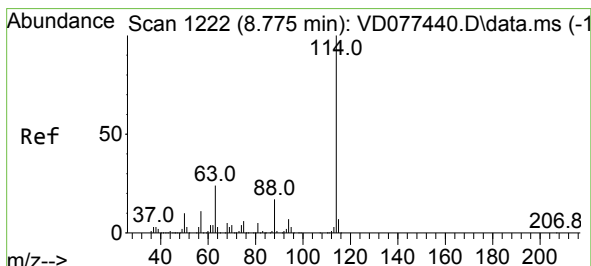
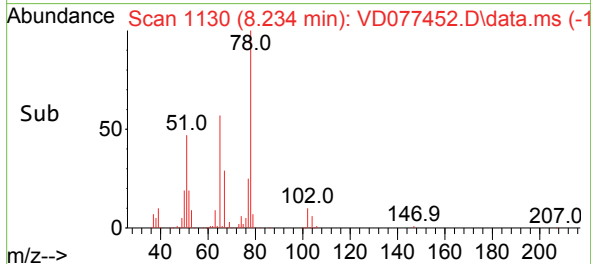
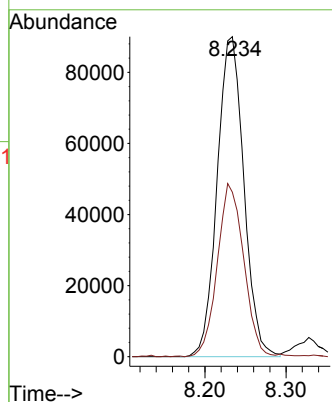
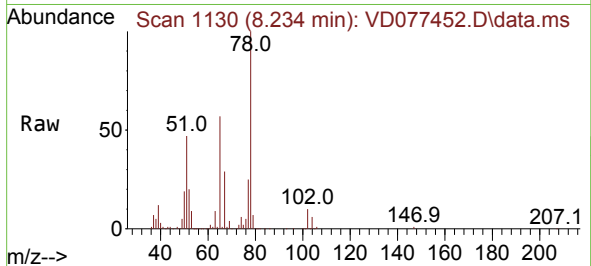




#33
 1,2-Dichloroethane-d4
 Concen: 48.433 ug/l
 RT: 8.234 min Scan# 1129
 Delta R.T. 0.006 min
 Lab File: VD077452.D
 Acq: 31 Oct 2023 10:08

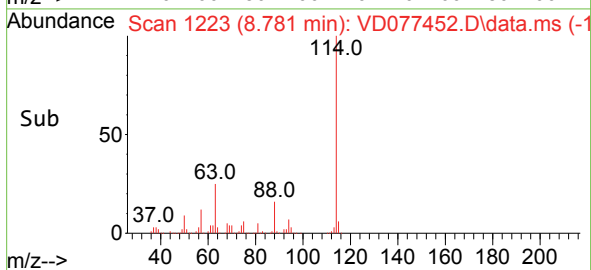
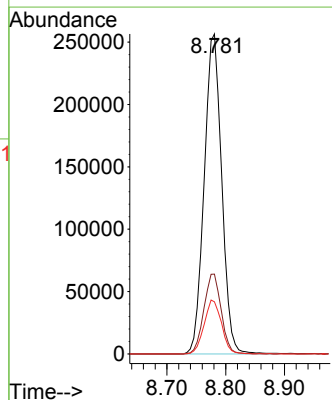
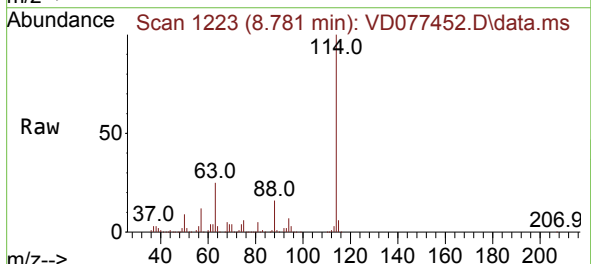
Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 65 Resp: 205560
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 115.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.781 min Scan# 1223
 Delta R.T. 0.006 min
 Lab File: VD077452.D
 Acq: 31 Oct 2023 10:08

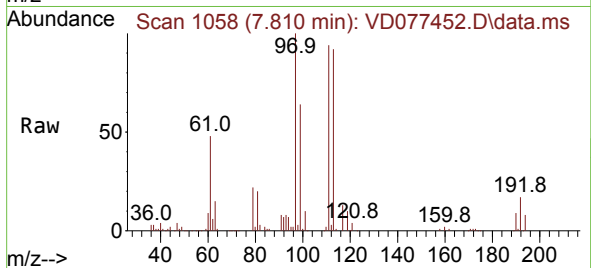
Tgt Ion: 114 Resp: 531120
 Ion Ratio Lower Upper
 114 100
 63 25.0 0.0 33.4
 88 16.3 0.0 26.2



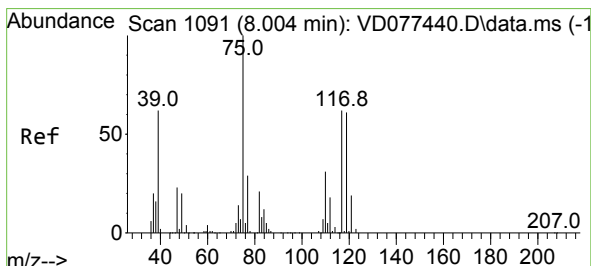
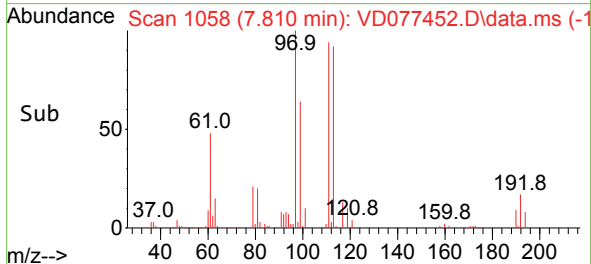
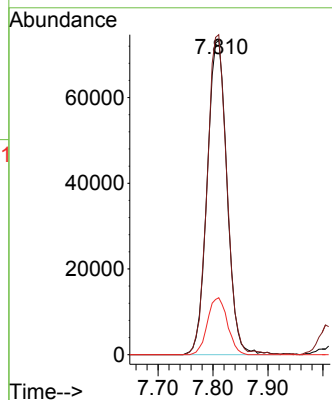


#35
Dibromofluoromethane
Concen: 50.146 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

Instrument :
MSVOA_D
ClientSampleId :

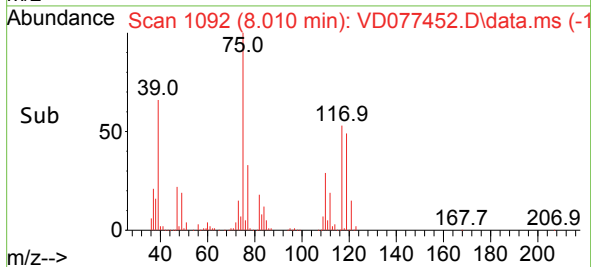
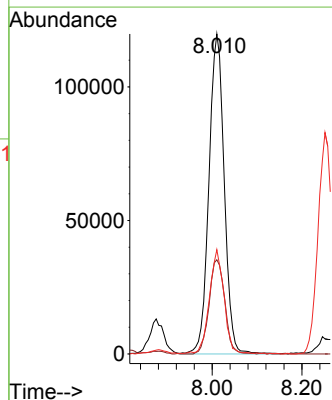
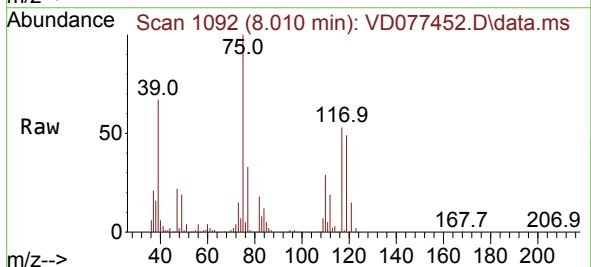


Tgt Ion:113 Resp: 184081
Ion Ratio Lower Upper
113 100
111 100.9 84.7 127.1
192 18.2 16.8 25.2



#36
1,1-Dichloropropene
Concen: 52.169 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

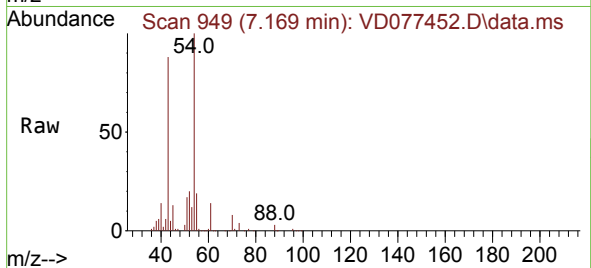
Tgt Ion: 75 Resp: 283939
Ion Ratio Lower Upper
75 100
110 30.1 19.9 59.6
77 30.8 24.7 37.1



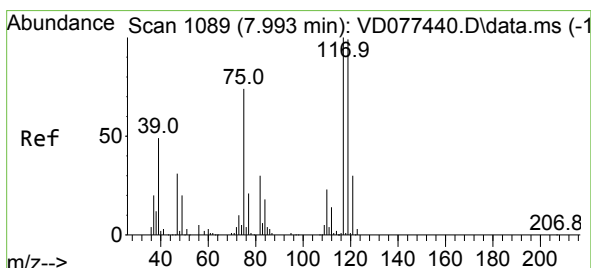
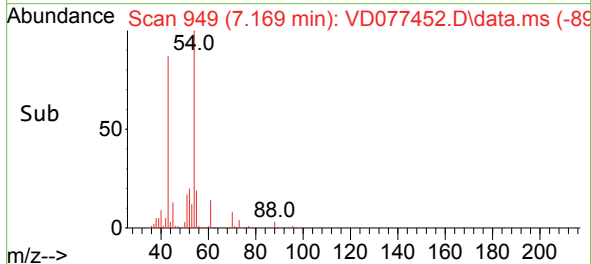
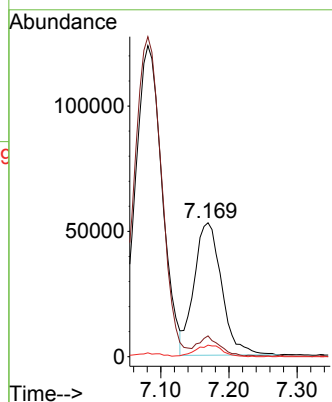


#37
Ethyl Acetate
Concen: 47.523 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

Instrument :
MSVOA_D
ClientSampleId :

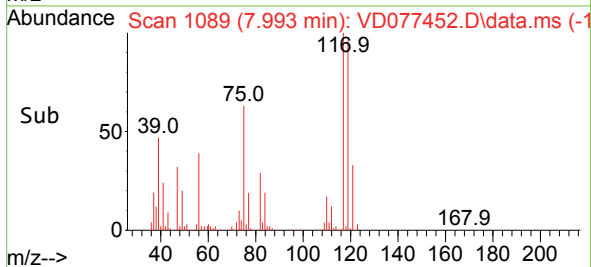
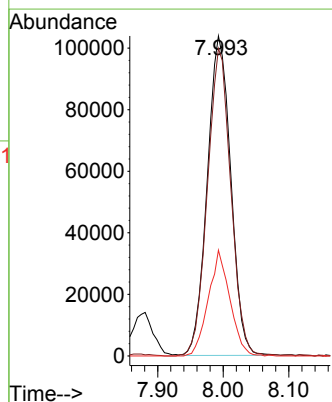
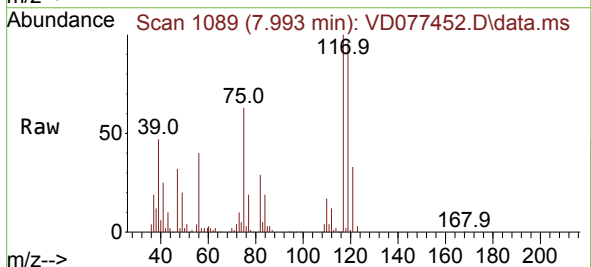


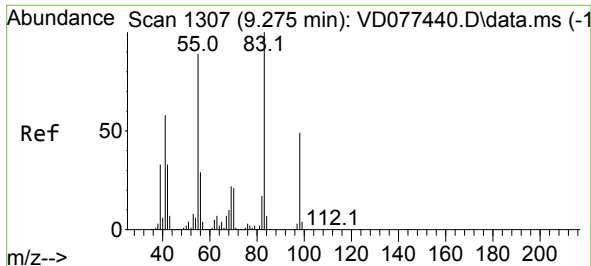
Tgt Ion: 43 Resp: 148438
Ion Ratio Lower Upper
43 100
61 11.3 14.9 22.3#
70 8.6 10.0 15.0#



#38
Carbon Tetrachloride
Concen: 50.400 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

Tgt Ion: 117 Resp: 258489
Ion Ratio Lower Upper
117 100
119 96.1 78.0 117.0
121 33.1 24.2 36.2





#39

Methylcyclohexane

Concen: 52.457 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD077452.D

Acq: 31 Oct 2023 10:08

Instrument :

MSVOA_D

ClientSampleId :

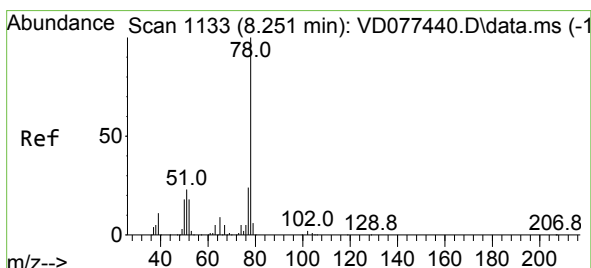
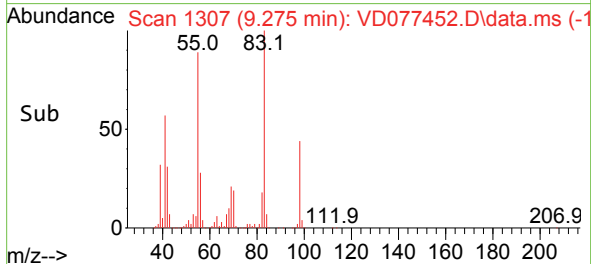
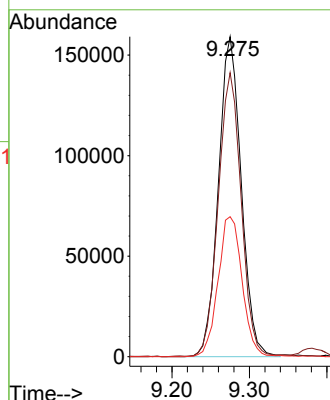
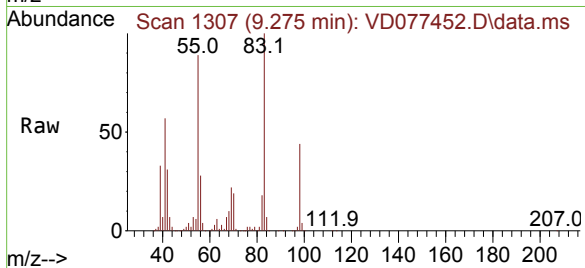
Tgt Ion: 83 Resp: 325760

Ion Ratio Lower Upper

83 100

55 88.5 49.4 74.0#

98 43.8 38.4 57.6



#40

Benzene

Concen: 49.964 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD077452.D

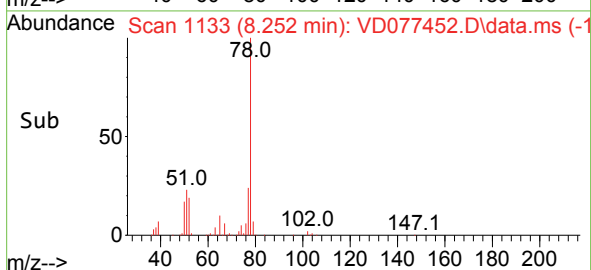
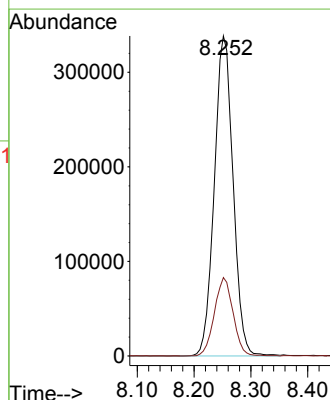
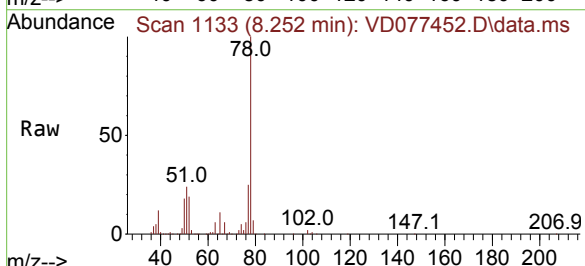
Acq: 31 Oct 2023 10:08

Tgt Ion: 78 Resp: 775441

Ion Ratio Lower Upper

78 100

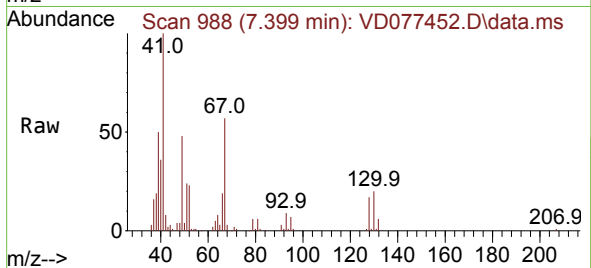
77 24.5 19.4 29.0



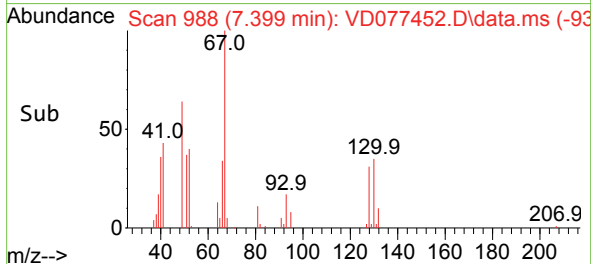
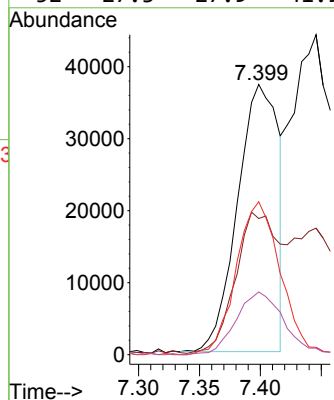


#41
Methacrylonitrile
Concen: 43.349 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

Instrument :
MSVOA_D
ClientSampleId :

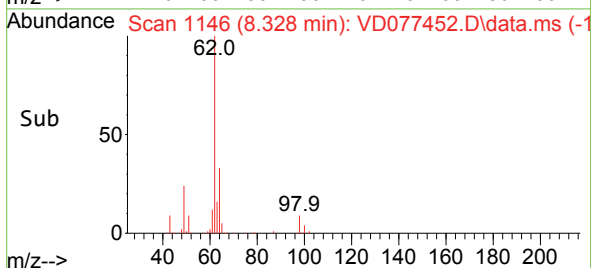
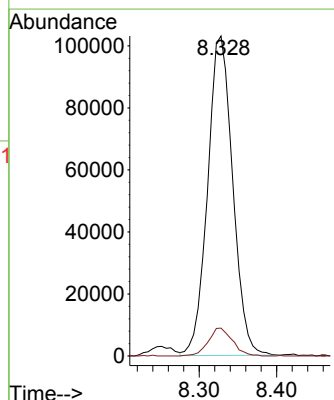
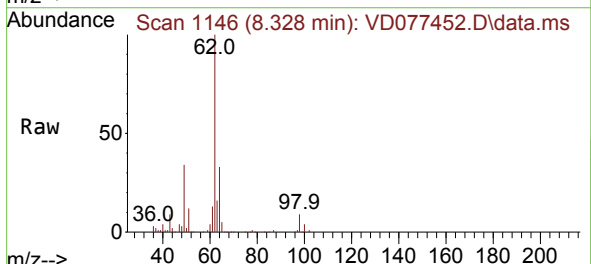


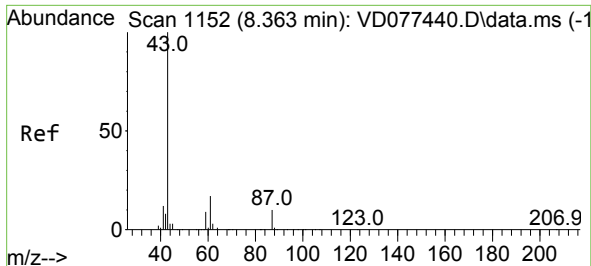
Tgt Ion: 41 Resp: 86638
Ion Ratio Lower Upper
41 100
39 59.8 34.0 51.0#
67 62.0 77.0 115.4#
52 27.3 27.9 41.9#



#42
1,2-Dichloroethane
Concen: 47.237 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

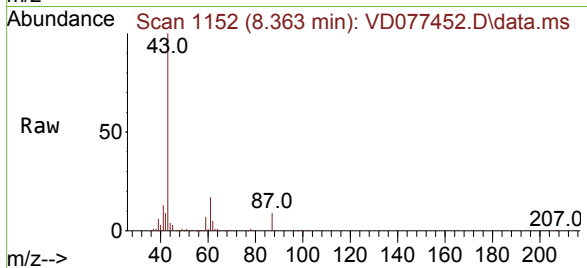
Tgt Ion: 62 Resp: 232198
Ion Ratio Lower Upper
62 100
98 8.4 0.0 25.4



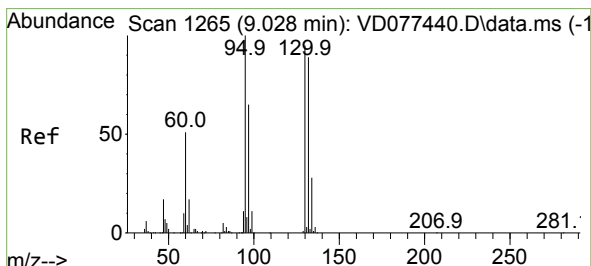
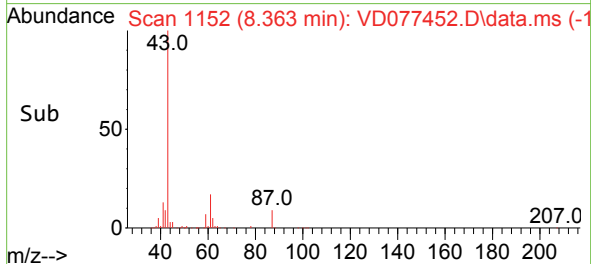
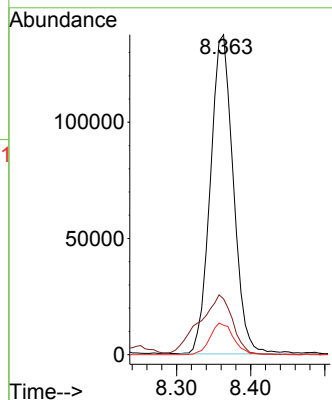


#43
Isopropyl Acetate
Concen: 45.785 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

Instrument :
MSVOA_D
ClientSampleId :

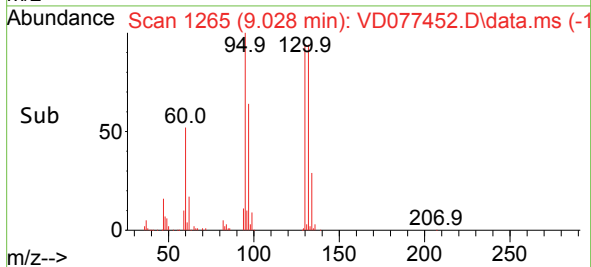
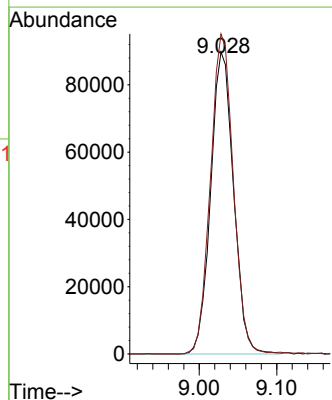
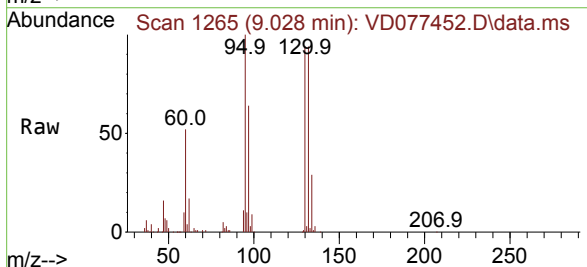


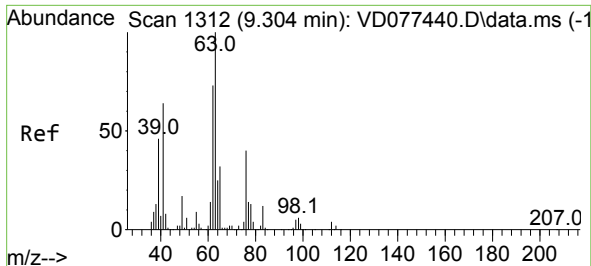
Tgt Ion: 43 Resp: 295118
Ion Ratio Lower Upper
43 100
61 27.2 31.4 47.0#
87 10.2 14.9 22.3#



#44
Trichloroethene
Concen: 48.401 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

Tgt Ion:130 Resp: 184003
Ion Ratio Lower Upper
130 100
95 106.0 0.0 179.2





#45

1,2-Dichloropropane

Concen: 48.253 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD077452.D

Acq: 31 Oct 2023 10:08

Instrument :

MSVOA_D

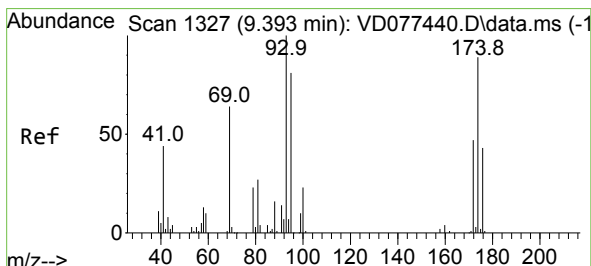
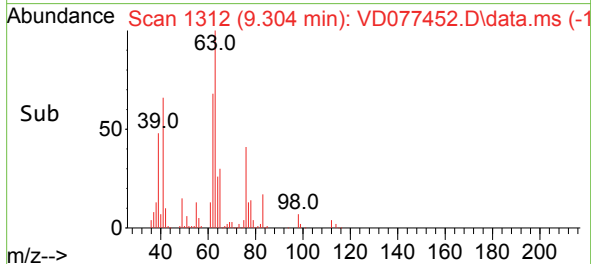
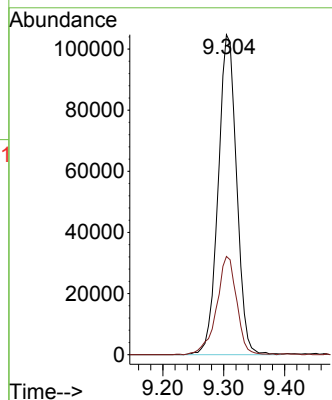
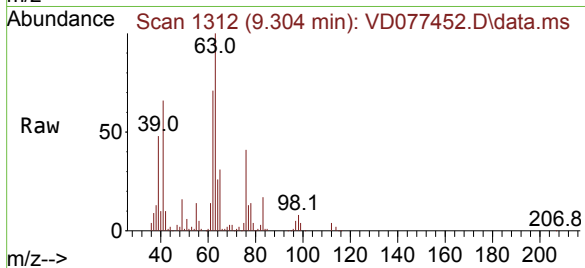
ClientSampleId :

Tgt Ion: 63 Resp: 220474

Ion Ratio Lower Upper

63 100

65 30.5 24.5 36.7



#46

Dibromomethane

Concen: 45.614 ug/l

RT: 9.398 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD077452.D

Acq: 31 Oct 2023 10:08

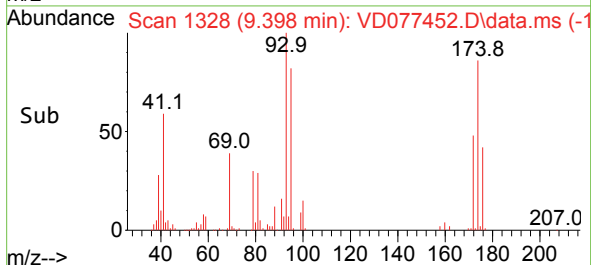
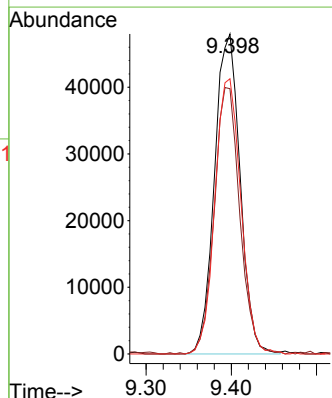
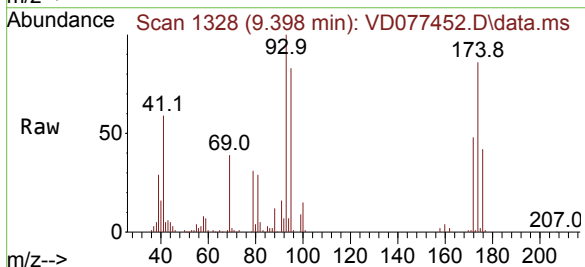
Tgt Ion: 93 Resp: 100300

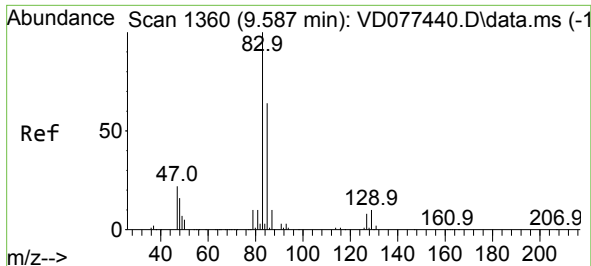
Ion Ratio Lower Upper

93 100

95 82.9 67.7 101.5

174 87.4 85.4 128.2





#47

Bromodichloromethane

Concen: 47.182 ug/l

RT: 9.587 min Scan# 1360

Delta R.T. 0.000 min

Lab File: VD077452.D

Acq: 31 Oct 2023 10:08

Instrument :

MSVOA_D

ClientSampleId :

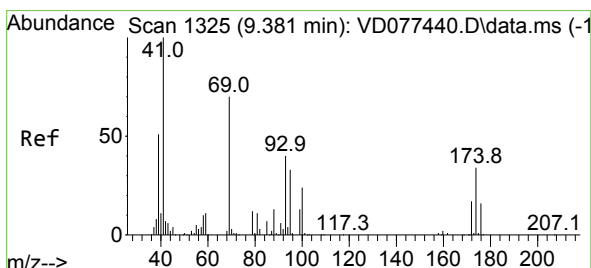
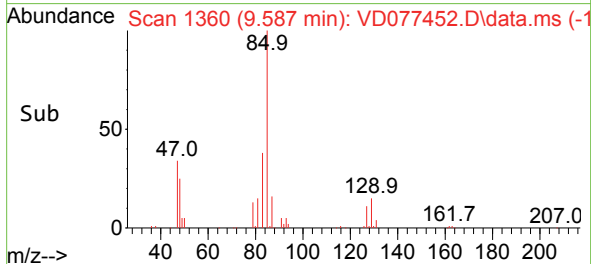
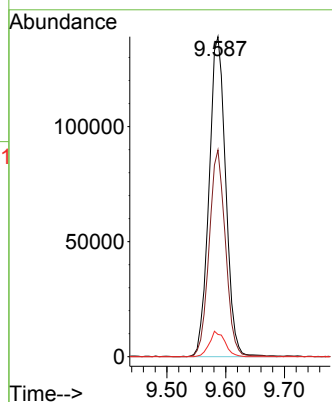
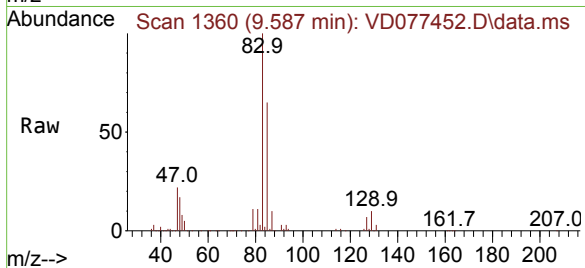
Tgt Ion: 83 Resp: 274221

Ion Ratio Lower Upper

83 100

85 64.6 50.2 75.4

127 6.9 6.3 9.5



#48

Methyl methacrylate

Concen: 47.747 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.000 min

Lab File: VD077452.D

Acq: 31 Oct 2023 10:08

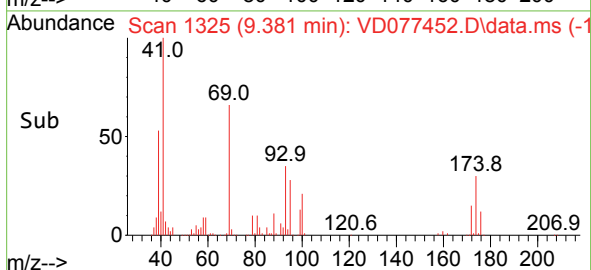
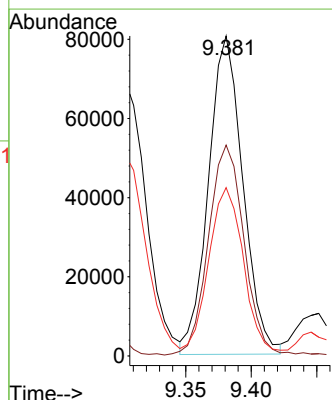
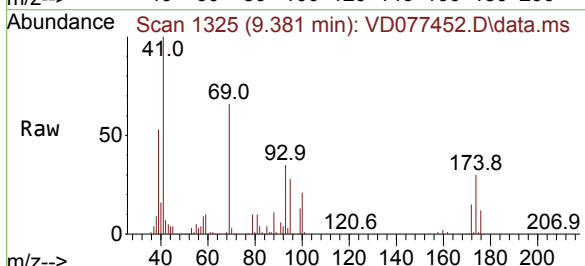
Tgt Ion: 41 Resp: 146910

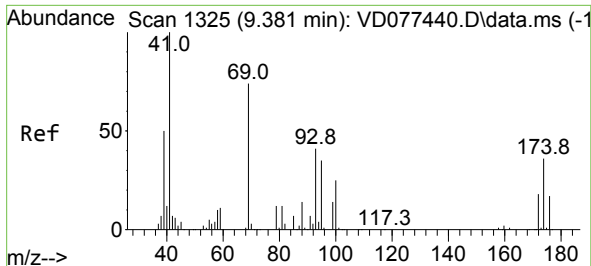
Ion Ratio Lower Upper

41 100

69 68.7 102.2 153.2#

39 50.5 41.4 62.2





#49

1,4-Dioxane

Concen: 891.032 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077452.D

Acq: 31 Oct 2023 10:08

Instrument :

MSVOA_D

ClientSampleId :

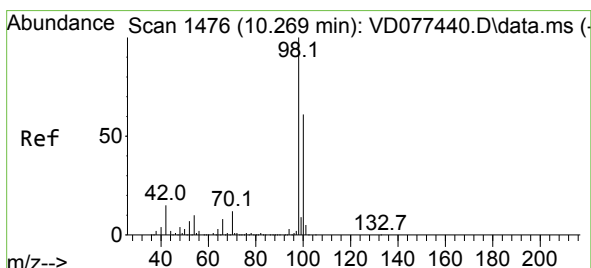
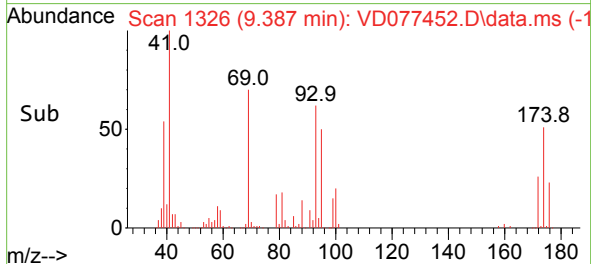
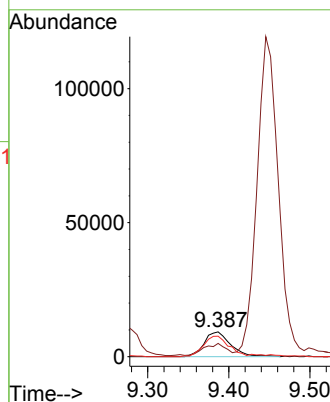
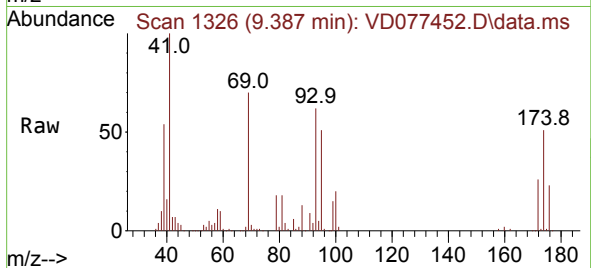
Tgt Ion: 88 Resp: 21053

Ion Ratio Lower Upper

88 100

43 39.1 19.0 28.6#

58 84.2 43.5 65.3#



#50

Toluene-d8

Concen: 50.984 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077452.D

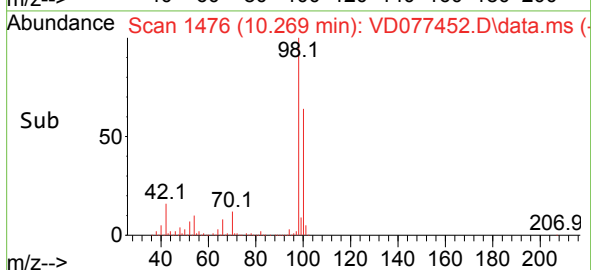
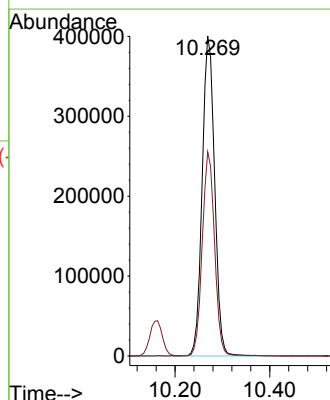
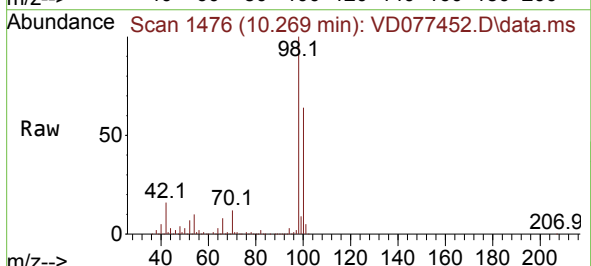
Acq: 31 Oct 2023 10:08

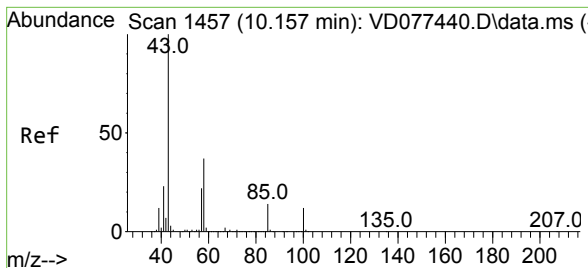
Tgt Ion: 98 Resp: 726970

Ion Ratio Lower Upper

98 100

100 63.0 50.3 75.5

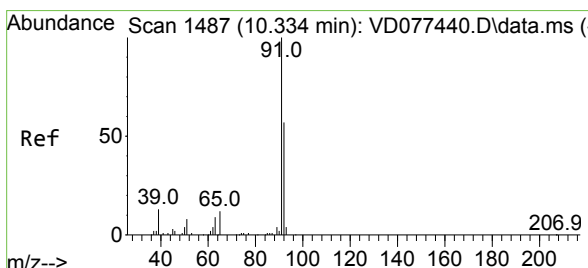
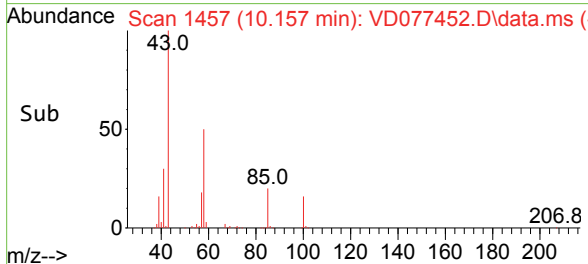
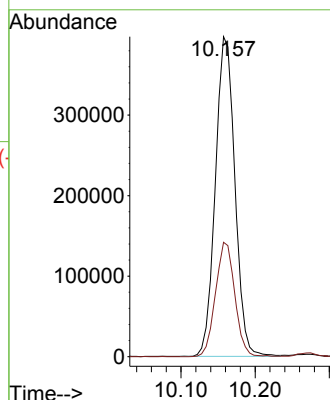
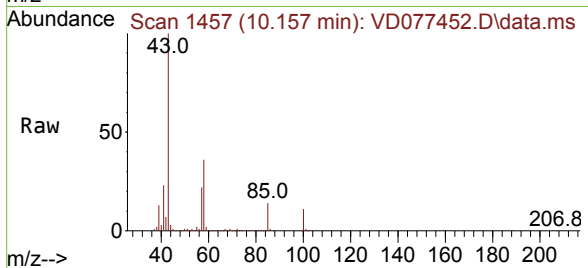




#51
4-Methyl-2-Pentanone
Concen: 229.096 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

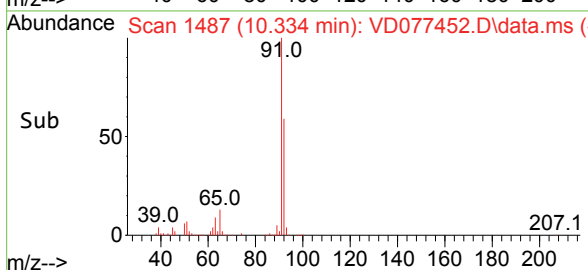
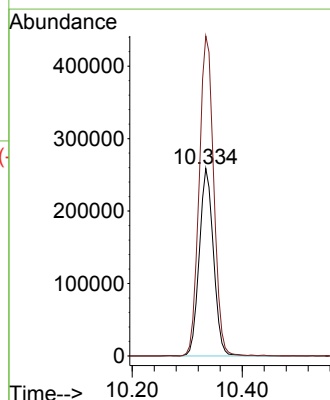
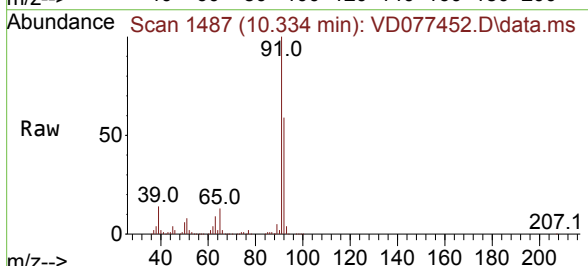
Instrument :
MSVOA_D
ClientSampleId :

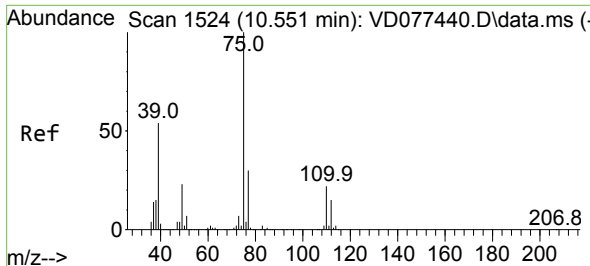
Tgt Ion: 43 Resp: 726849
Ion Ratio Lower Upper
43 100
58 35.5 38.9 58.3#



#52
Toluene
Concen: 49.060 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

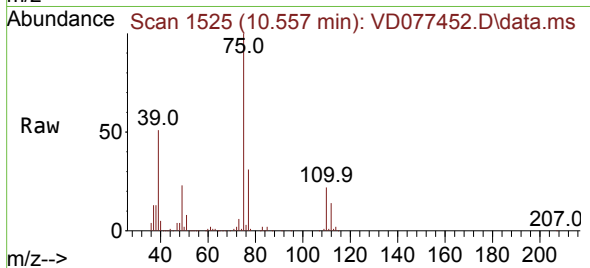
Tgt Ion: 92 Resp: 464176
Ion Ratio Lower Upper
92 100
91 175.2 143.0 214.4



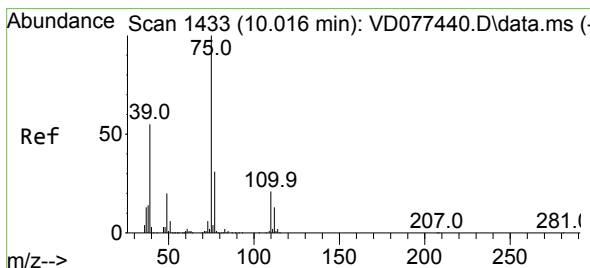
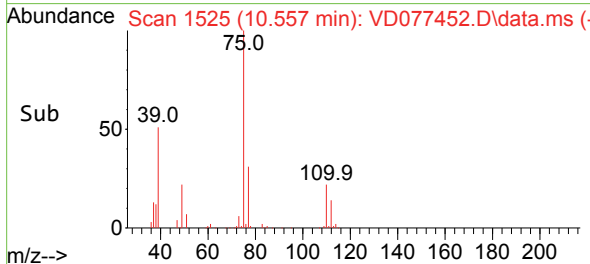
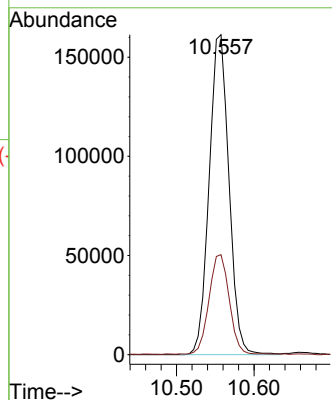


#53
 t-1,3-Dichloropropene
 Concen: 46.544 ug/l
 RT: 10.557 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VD077452.D
 Acq: 31 Oct 2023 10:08

Instrument :
 MSVOA_D
 ClientSampleId :

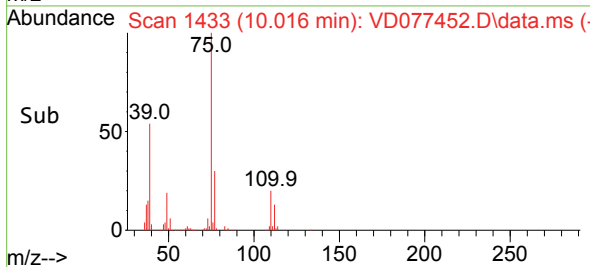
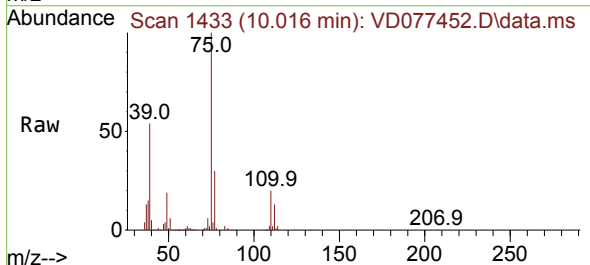
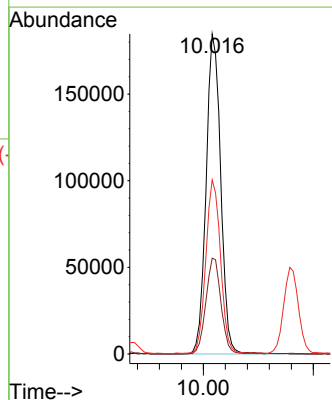


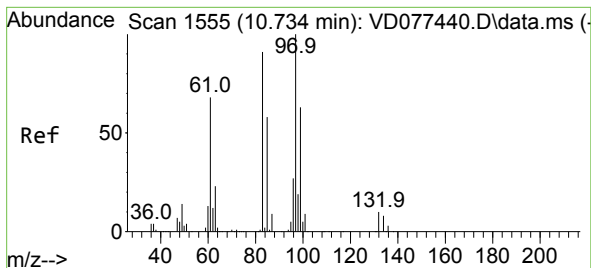
Tgt Ion: 75 Resp: 286439
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 48.008 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD077452.D
 Acq: 31 Oct 2023 10:08

Tgt Ion: 75 Resp: 339998
 Ion Ratio Lower Upper
 75 100
 77 29.9 25.5 38.3
 39 54.2 22.1 33.1#

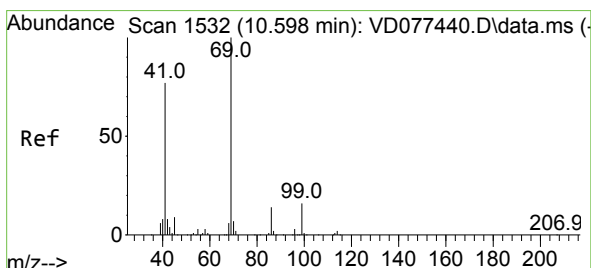
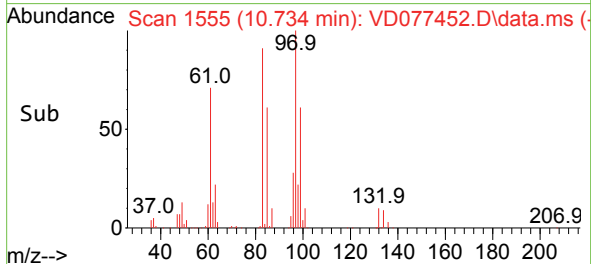
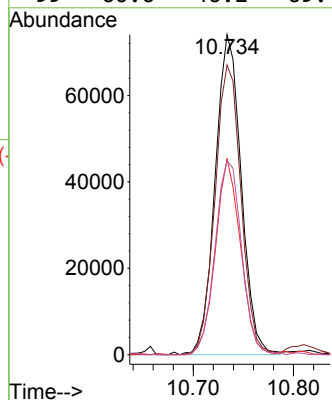
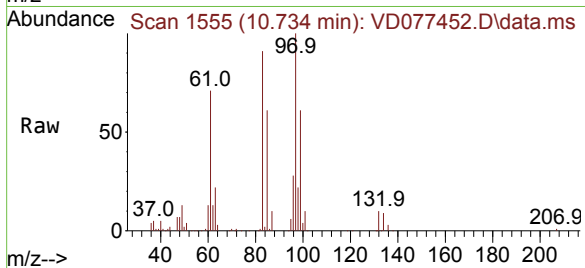




#55
1,1,2-Trichloroethane
Concen: 45.606 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

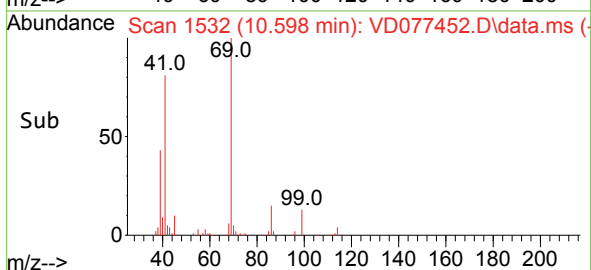
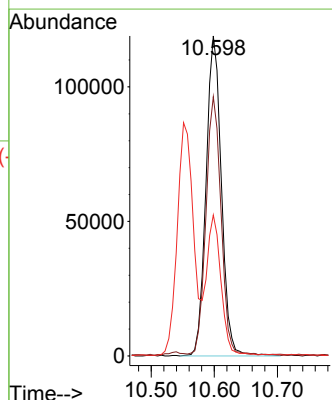
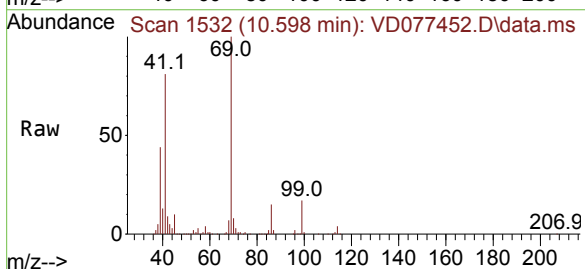
Instrument :
MSVOA_D
ClientSampleId :

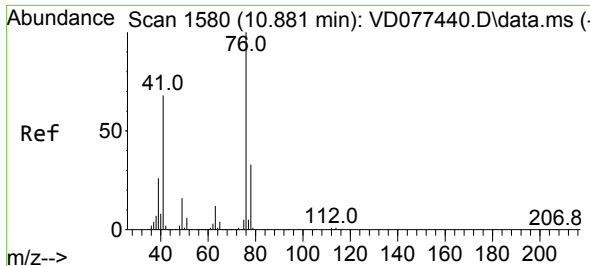
Tgt Ion:	97	Resp:	133792
Ion	Ratio	Lower	Upper
97	100		
83	90.5	65.8	98.6
85	61.2	45.7	68.5
99	60.6	46.2	69.4



#56
Ethyl methacrylate
Concen: 46.250 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

Tgt Ion:	69	Resp:	201734
Ion	Ratio	Lower	Upper
69	100		
41	78.7	39.1	58.7#
39	39.1	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 46.766 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD077452.D

Acq: 31 Oct 2023 10:08

Instrument :

MSVOA_D

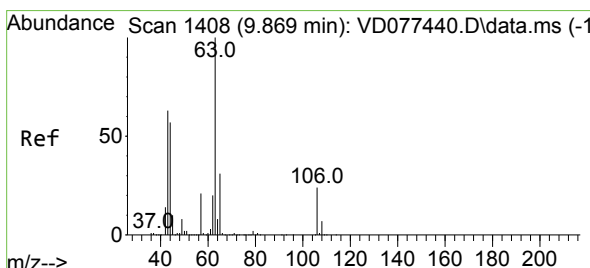
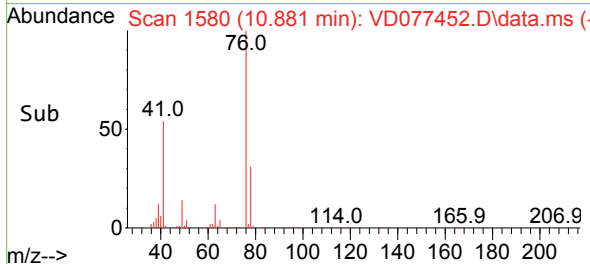
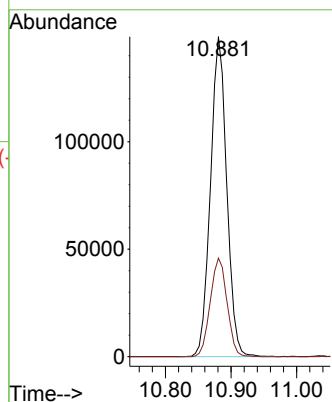
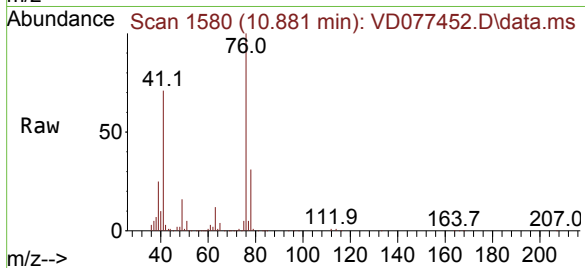
ClientSampleId :

Tgt Ion: 76 Resp: 256435

Ion Ratio Lower Upper

76 100

78 31.8 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 255.308 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077452.D

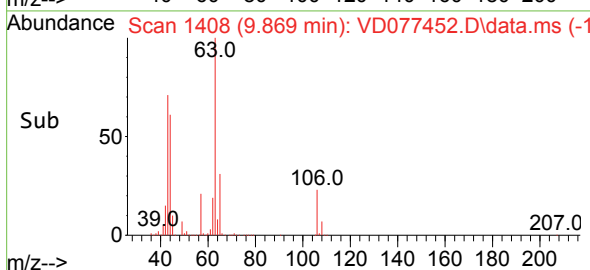
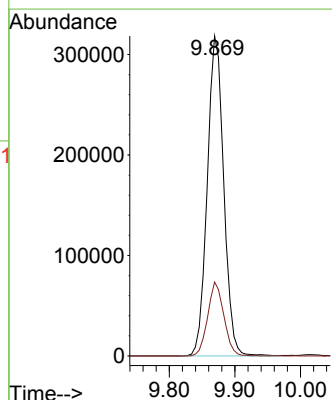
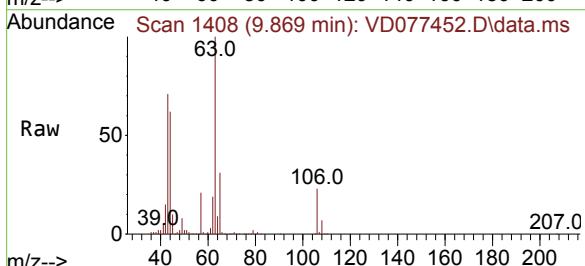
Acq: 31 Oct 2023 10:08

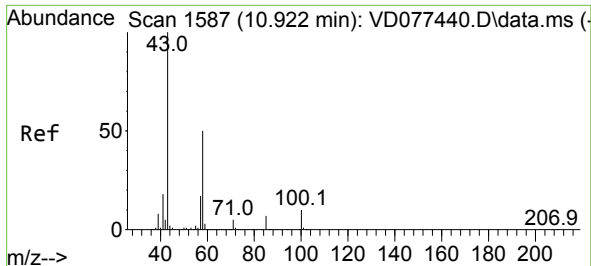
Tgt Ion: 63 Resp: 557510

Ion Ratio Lower Upper

63 100

106 22.6 25.3 37.9#

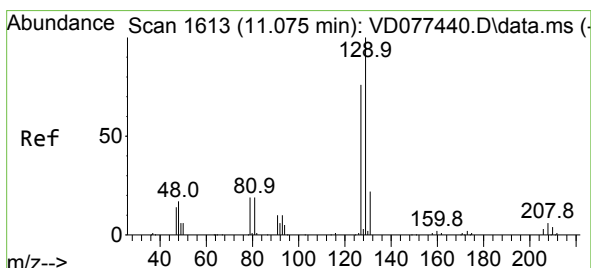
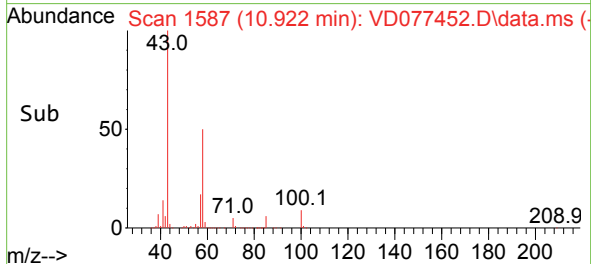
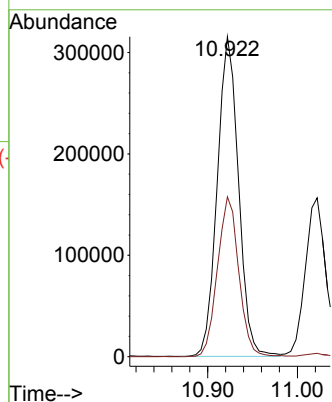
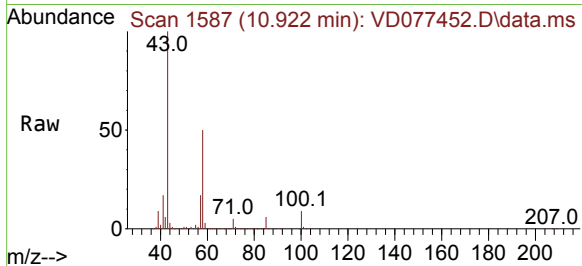




#59
2-Hexanone
Concen: 221.732 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

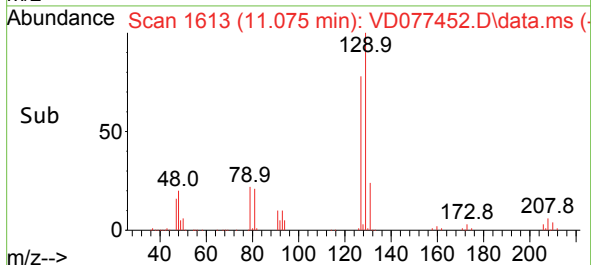
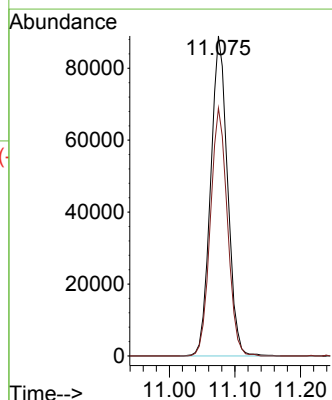
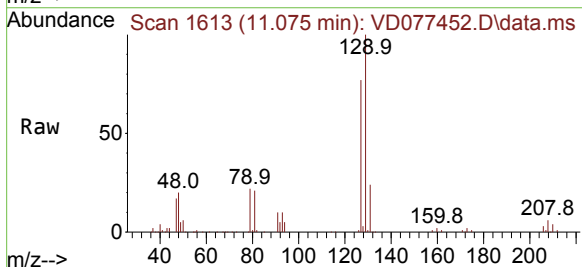
Instrument :
MSVOA_D
ClientSampleId :

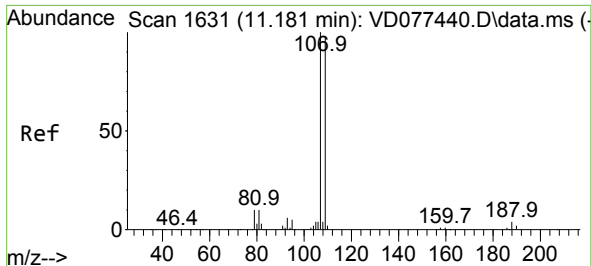
Tgt Ion: 43 Resp: 518234
Ion Ratio Lower Upper
43 100
58 50.3 34.1 102.2



#60
Dibromochloromethane
Concen: 45.220 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

Tgt Ion: 129 Resp: 159518
Ion Ratio Lower Upper
129 100
127 77.8 37.1 111.5

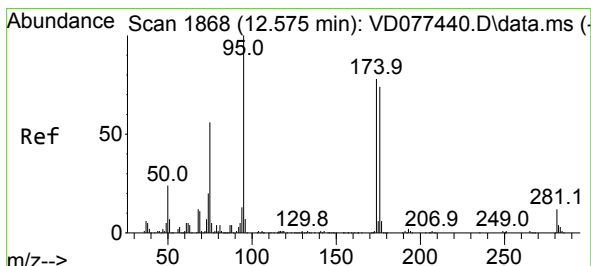
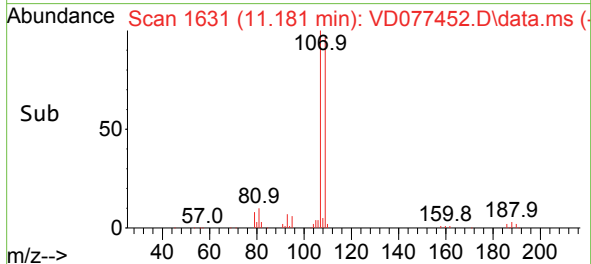
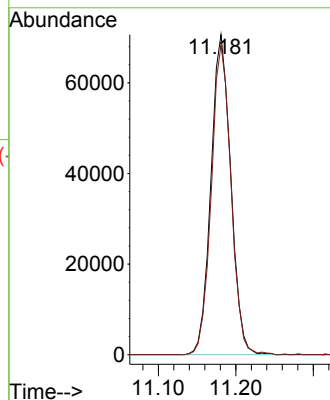
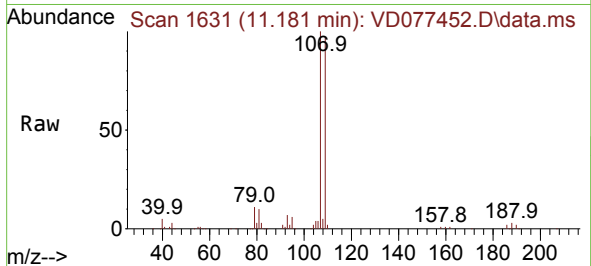




#61
1,2-Dibromoethane
Concen: 45.269 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

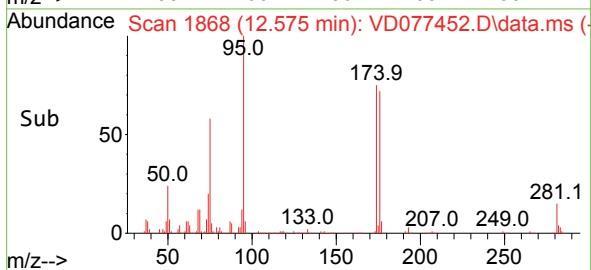
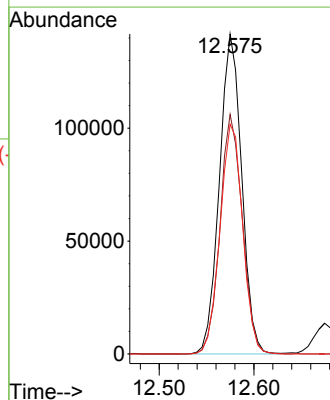
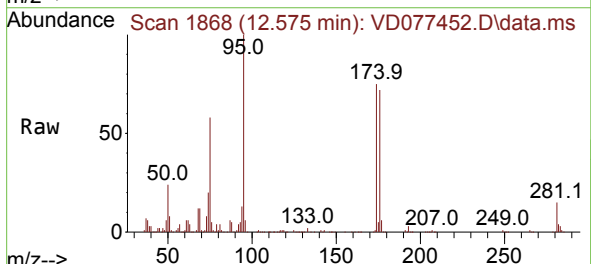
Instrument :
MSVOA_D
ClientSampleId :

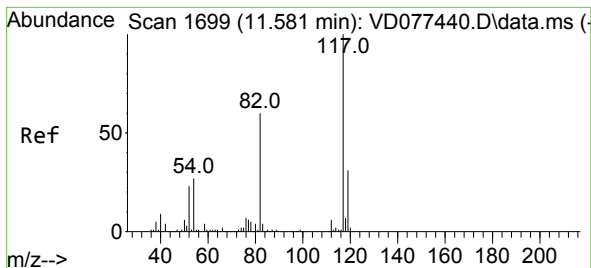
Tgt Ion:107 Resp: 125767
Ion Ratio Lower Upper
107 100
109 95.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 48.294 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

Tgt Ion: 95 Resp: 231930
Ion Ratio Lower Upper
95 100
174 74.7 0.0 201.8
176 73.0 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

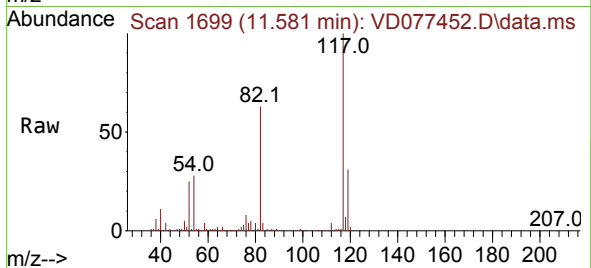
Lab File: VD077452.D

Acq: 31 Oct 2023 10:08

Instrument :

MSVOA_D

ClientSampleId :



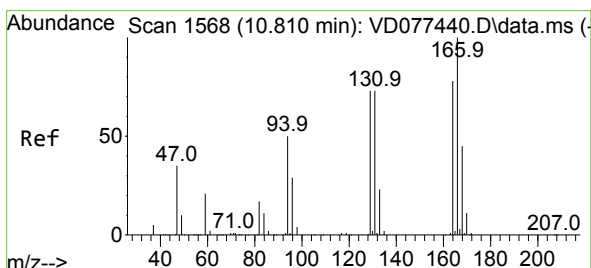
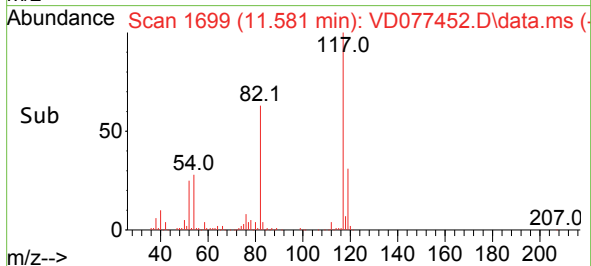
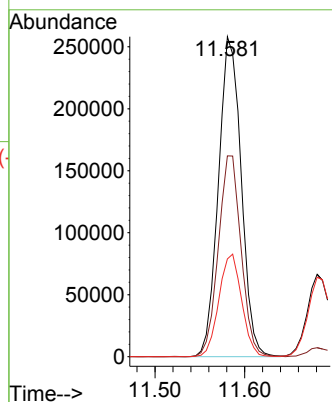
Tgt Ion:117 Resp: 454701

Ion Ratio Lower Upper

117 100

82 62.7 38.3 57.5#

119 30.5 25.0 37.4



#64

Tetrachloroethene

Concen: 49.826 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD077452.D

Acq: 31 Oct 2023 10:08

Tgt Ion:164 Resp: 144243

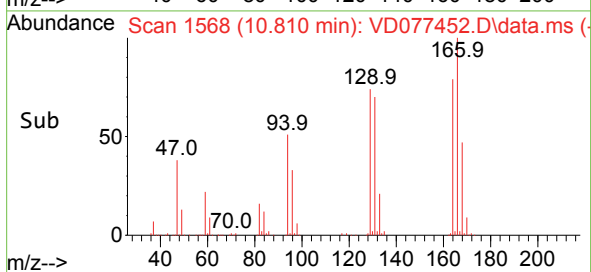
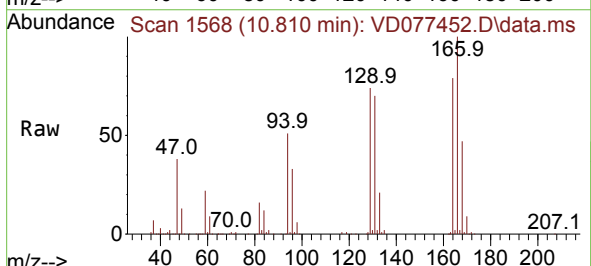
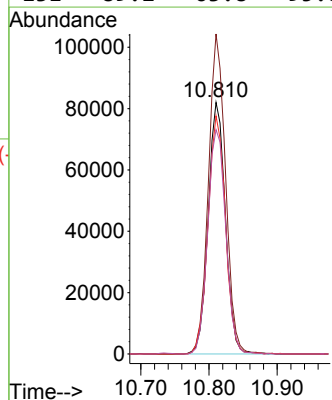
Ion Ratio Lower Upper

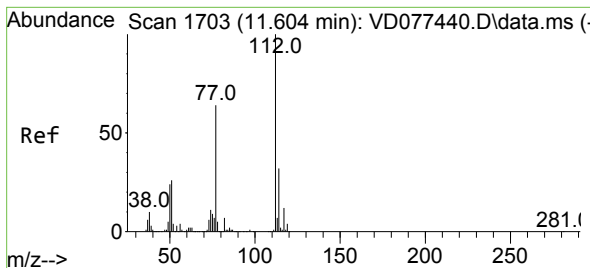
164 100

166 127.2 99.2 148.8

129 94.6 68.4 102.6

131 89.2 63.8 95.8





#65

Chlorobenzene

Concen: 48.545 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VD077452.D

Acq: 31 Oct 2023 10:08

Instrument :

MSVOA_D

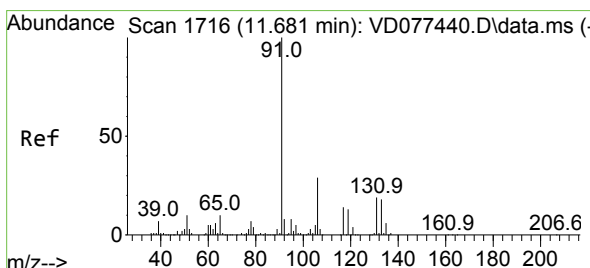
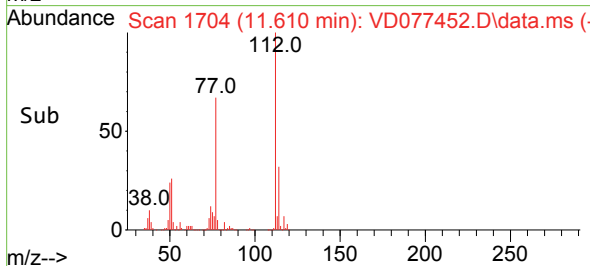
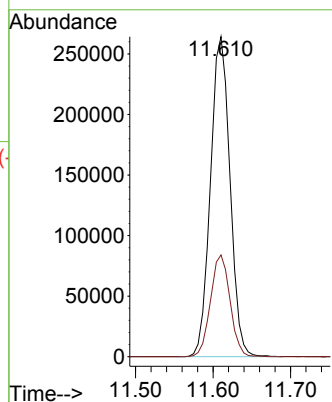
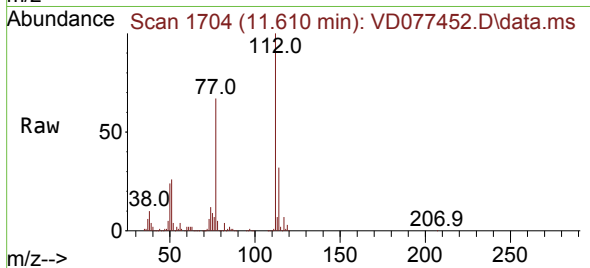
ClientSampleId :

Tgt Ion:112 Resp: 462436

Ion Ratio Lower Upper

112 100

114 31.8 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 47.553 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD077452.D

Acq: 31 Oct 2023 10:08

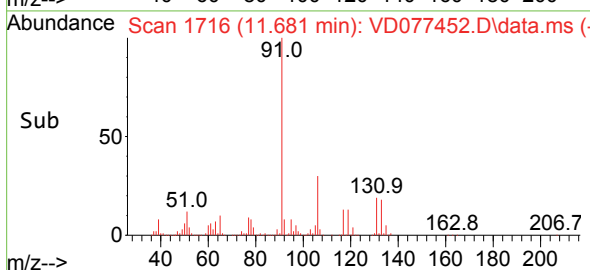
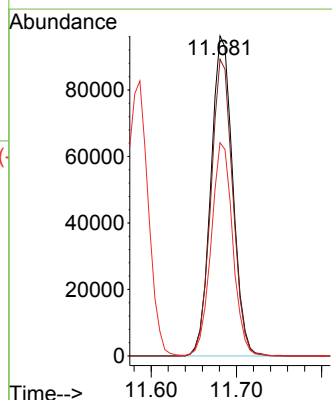
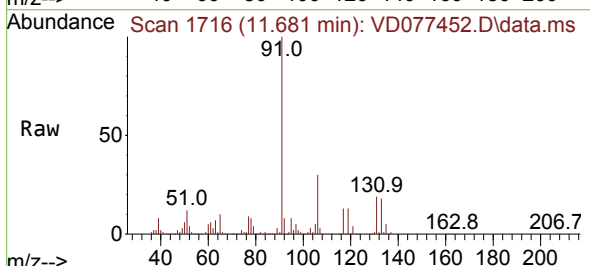
Tgt Ion:131 Resp: 171181

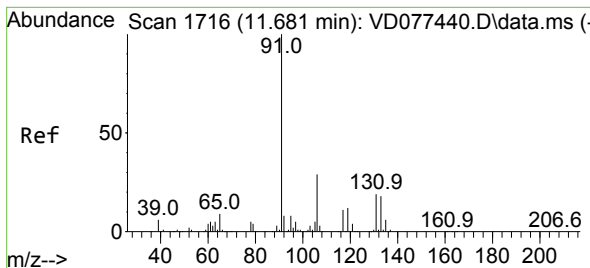
Ion Ratio Lower Upper

131 100

133 92.7 48.5 145.5

119 66.0 35.6 106.9





#67

Ethyl Benzene

Concen: 50.263 ug/l

RT: 11.687 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD077452.D

Acq: 31 Oct 2023 10:08

Instrument :

MSVOA_D

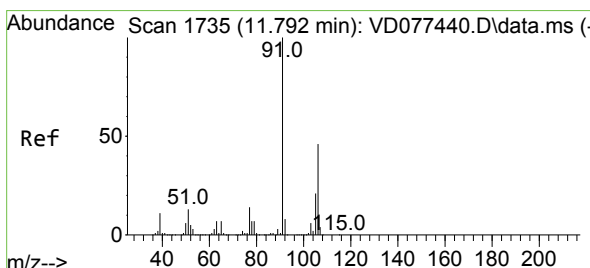
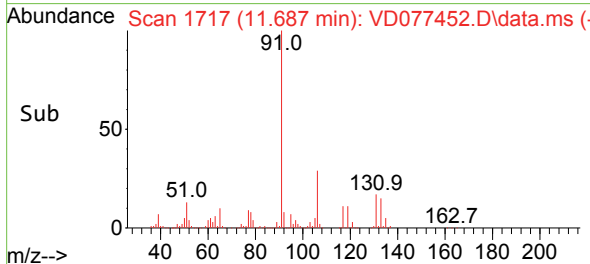
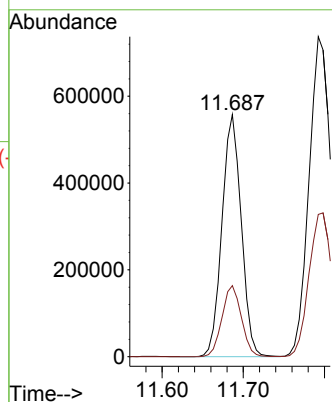
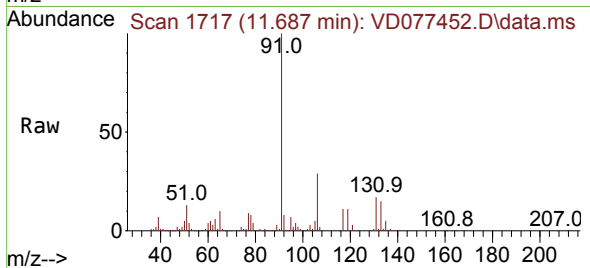
ClientSampleId :

Tgt Ion: 91 Resp: 921264

Ion Ratio Lower Upper

91 100

106 29.3 26.5 39.7



#68

m/p-Xylenes

Concen: 98.620 ug/l

RT: 11.798 min Scan# 1736

Delta R.T. 0.006 min

Lab File: VD077452.D

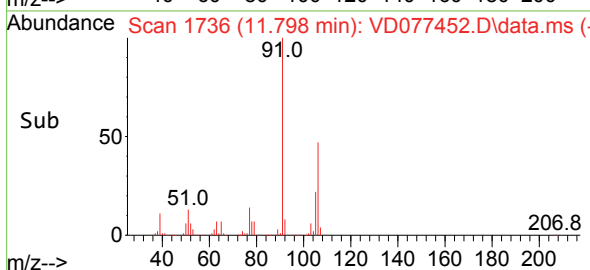
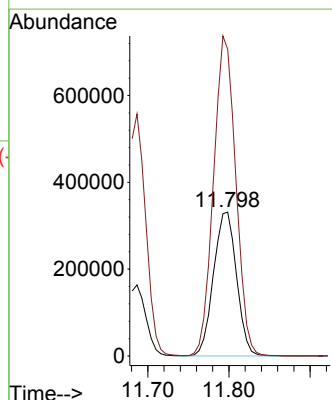
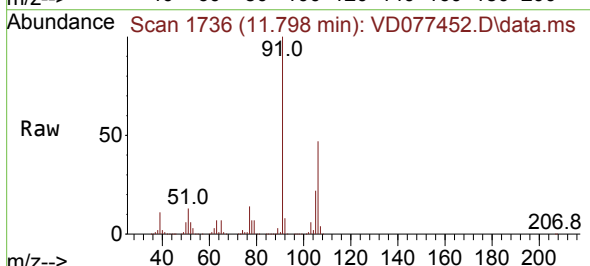
Acq: 31 Oct 2023 10:08

Tgt Ion:106 Resp: 652739

Ion Ratio Lower Upper

106 100

91 215.5 147.0 220.6

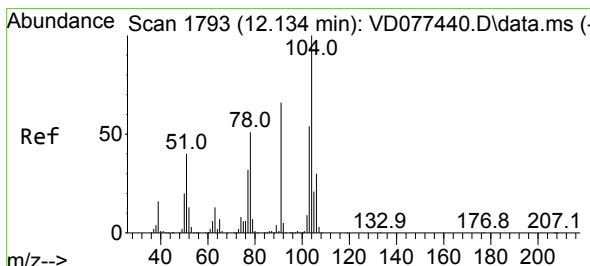
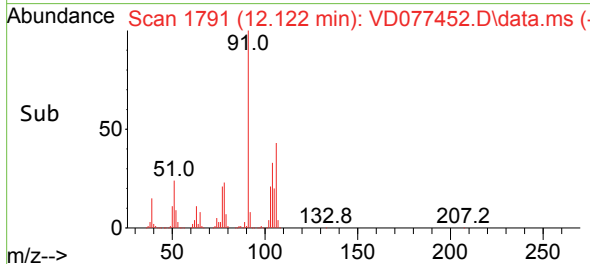
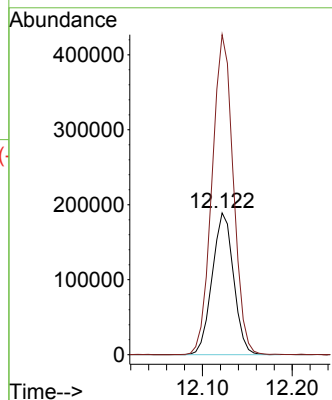
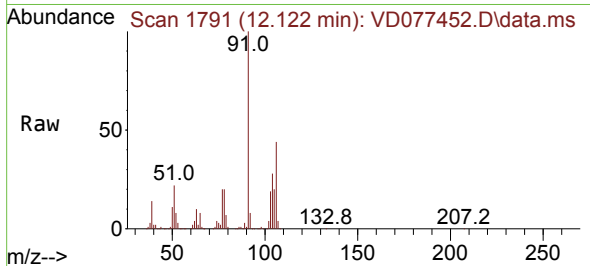




#69
o-Xylene
Concen: 49.407 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

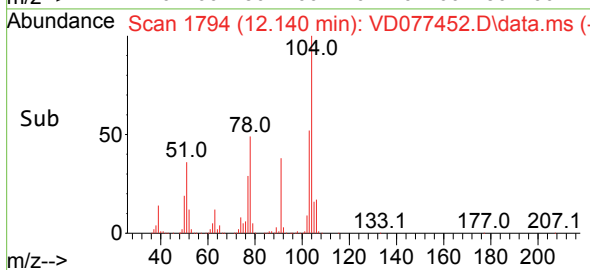
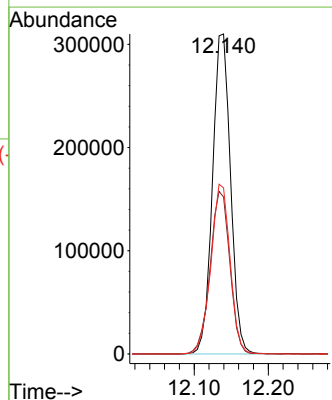
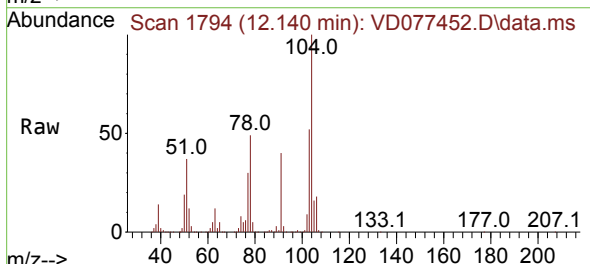
Instrument :
MSVOA_D
ClientSampleId :

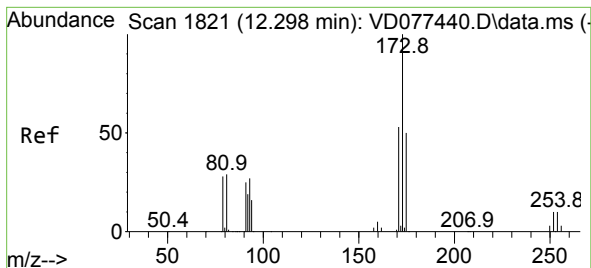
Tgt Ion:106 Resp: 313226
Ion Ratio Lower Upper
106 100
91 224.7 97.9 293.6



#70
Styrene
Concen: 47.952 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

Tgt Ion:104 Resp: 524450
Ion Ratio Lower Upper
104 100
78 55.5 33.2 49.8#
103 56.7 43.6 65.4





#71

Bromoform

Concen: 45.186 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

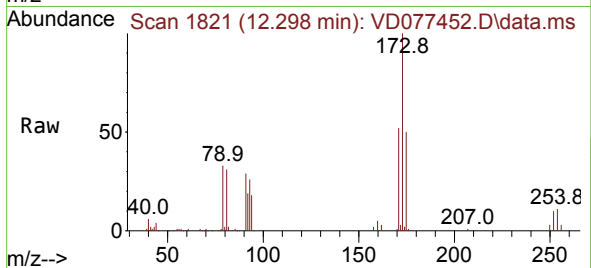
Lab File: VD077452.D

Acq: 31 Oct 2023 10:08

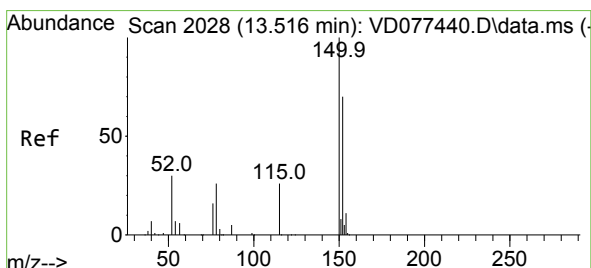
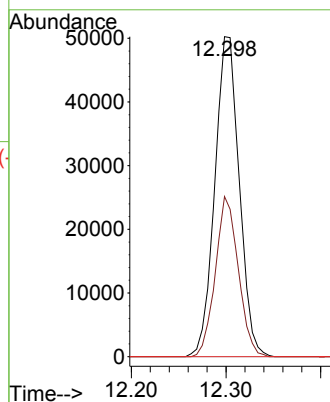
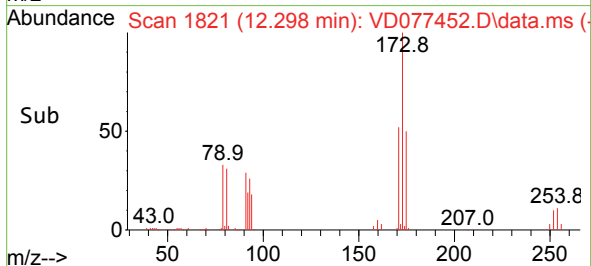
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	173	Resp:	90178
Ion Ratio	Lower	Upper	
173	100		
175	46.9	24.6	73.8
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

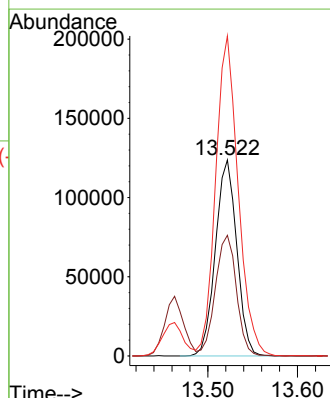
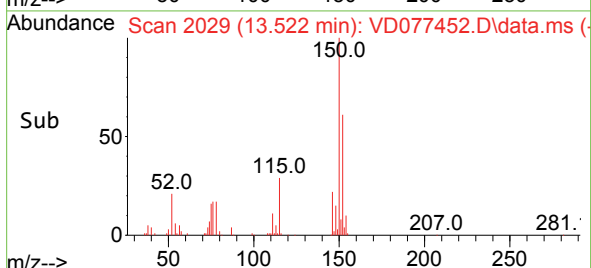
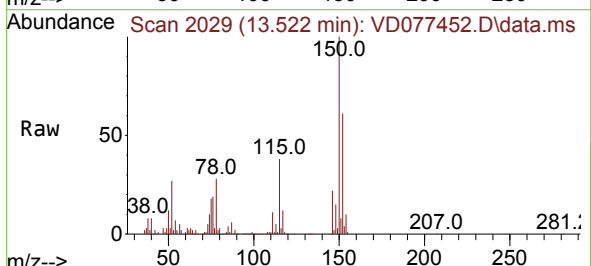
RT: 13.522 min Scan# 2029

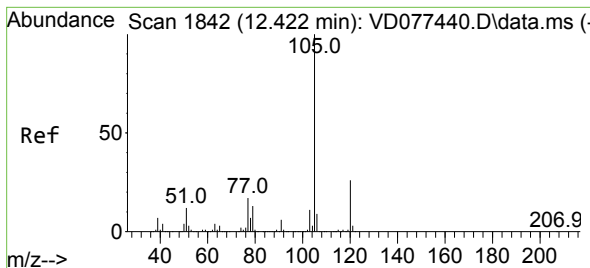
Delta R.T. 0.006 min

Lab File: VD077452.D

Acq: 31 Oct 2023 10:08

Tgt Ion:	152	Resp:	204433
Ion Ratio	Lower	Upper	
152	100		
115	61.0	27.1	81.3
150	172.0	0.0	353.6





#73

Isopropylbenzene

Concen: 50.640 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD077452.D

Acq: 31 Oct 2023 10:08

Instrument :

MSVOA_D

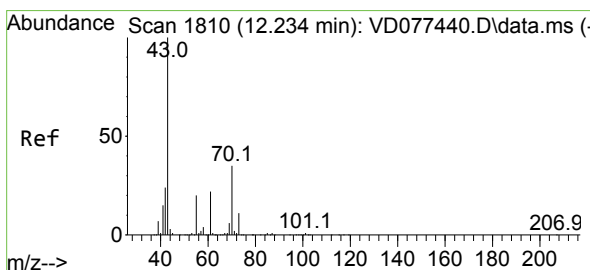
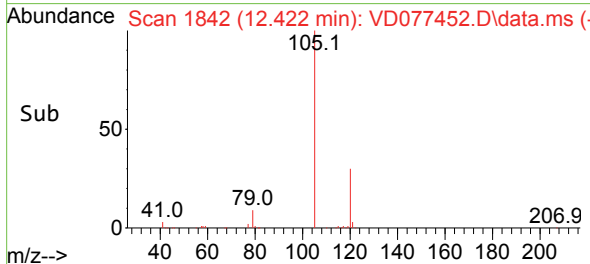
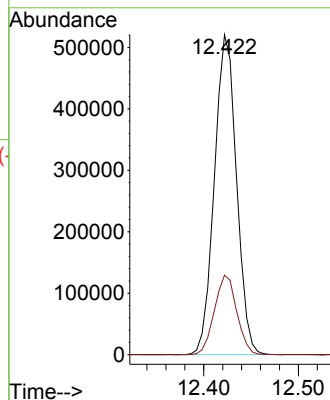
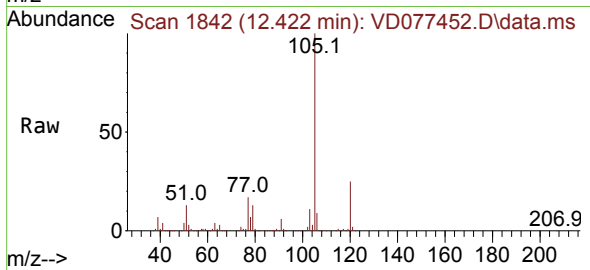
ClientSampleId :

Tgt Ion:105 Resp: 844045

Ion Ratio Lower Upper

105 100

120 25.1 14.3 42.9



#74

N-ethyl acetate

Concen: 47.519 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD077452.D

Acq: 31 Oct 2023 10:08

Tgt Ion: 43 Resp: 280542

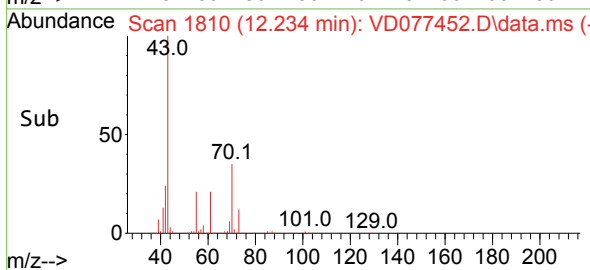
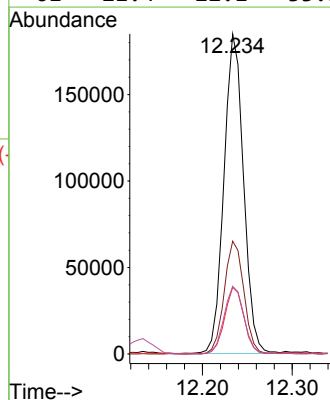
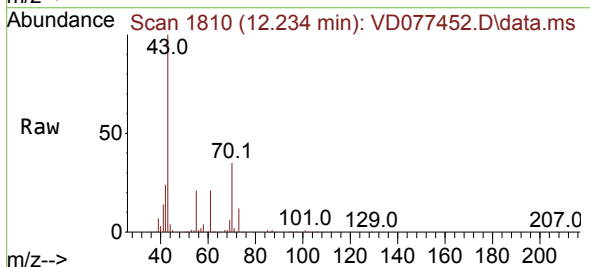
Ion Ratio Lower Upper

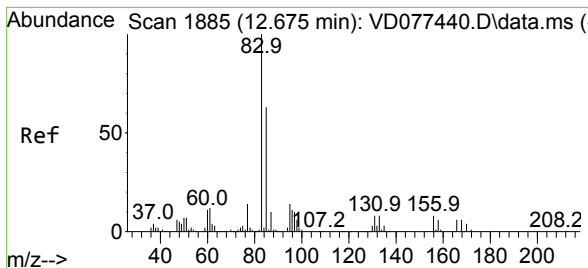
43 100

70 35.4 45.0 67.4#

55 20.7 23.8 35.6#

61 21.4 22.1 33.1#

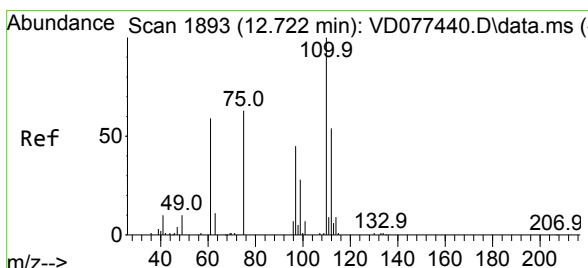
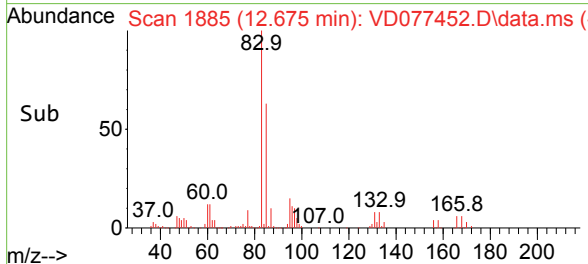
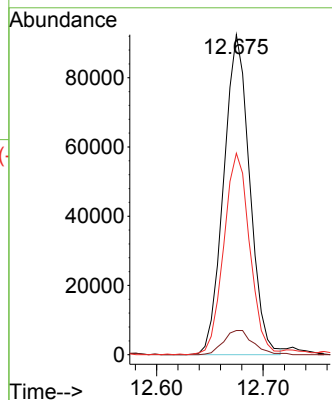
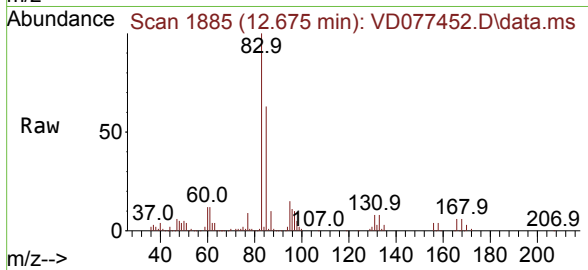




#75
 1,1,2,2-Tetrachloroethane
 Concen: 47.940 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VD077452.D
 Acq: 31 Oct 2023 10:08

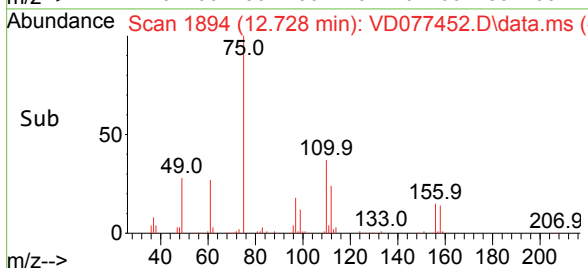
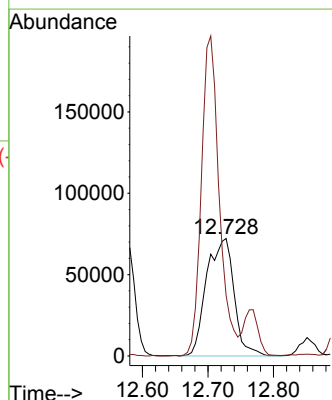
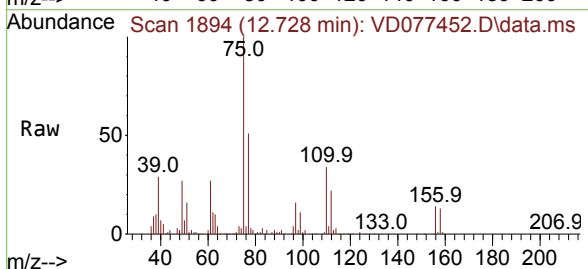
Instrument :
 MSVOA_D
 ClientSampleId :

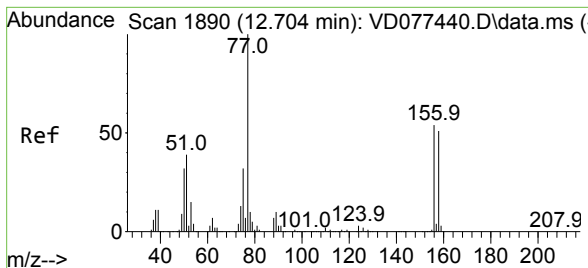
Tgt Ion: 83 Resp: 156632
 Ion Ratio Lower Upper
 83 100
 131 8.6 5.1 15.3
 85 62.9 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 84.382 ug/l
 RT: 12.728 min Scan# 1894
 Delta R.T. 0.006 min
 Lab File: VD077452.D
 Acq: 31 Oct 2023 10:08

Tgt Ion: 75 Resp: 209953
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 46.766 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD077452.D

Acq: 31 Oct 2023 10:08

Instrument :

MSVOA_D

ClientSampleId :

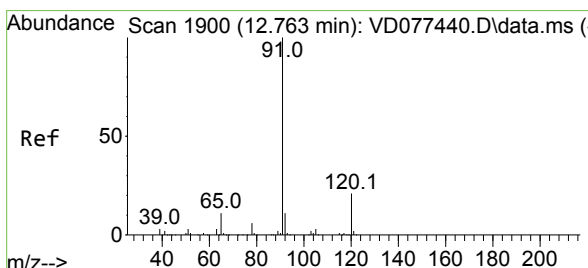
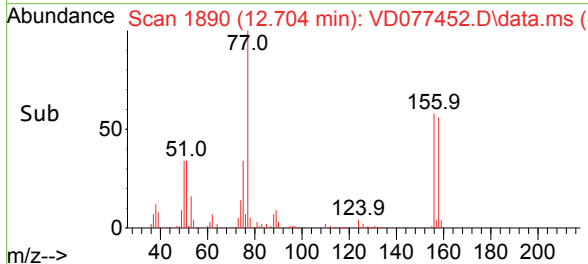
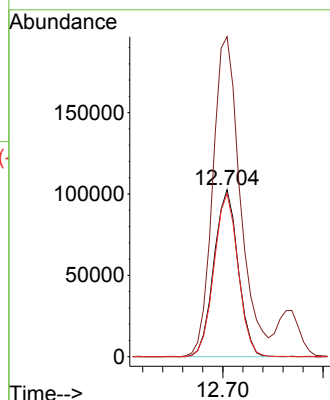
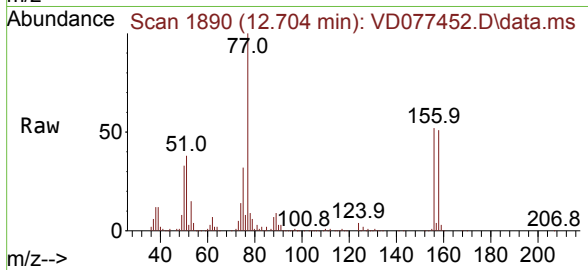
Tgt Ion:156 Resp: 171573

Ion Ratio Lower Upper

156 100

77 218.3 76.8 230.4

158 97.1 48.6 145.9



#78

n-propylbenzene

Concen: 50.397 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD077452.D

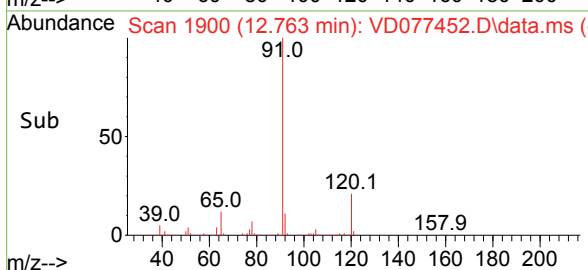
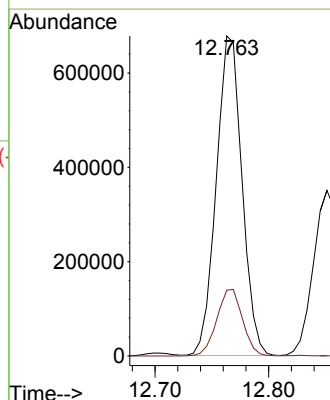
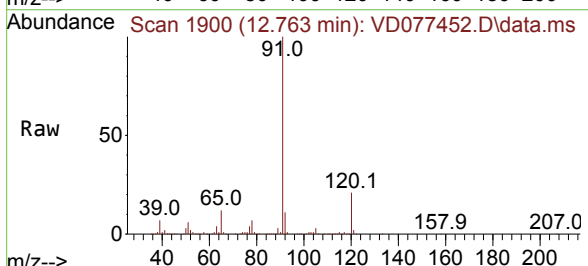
Acq: 31 Oct 2023 10:08

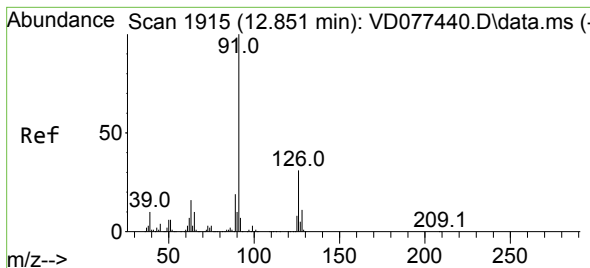
Tgt Ion: 91 Resp: 1066577

Ion Ratio Lower Upper

91 100

120 20.9 12.4 37.2

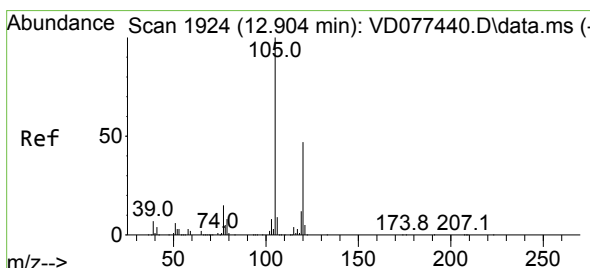
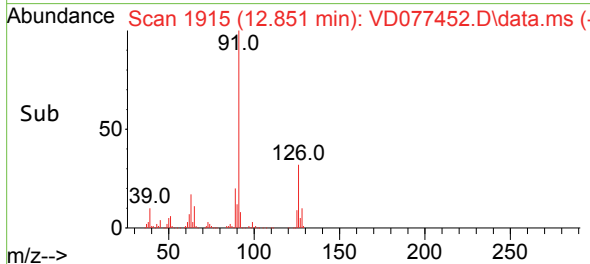
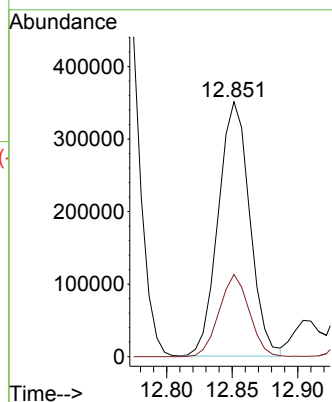
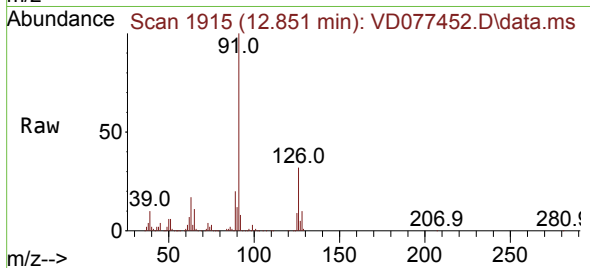




#79
2-Chlorotoluene
Concen: 48.989 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

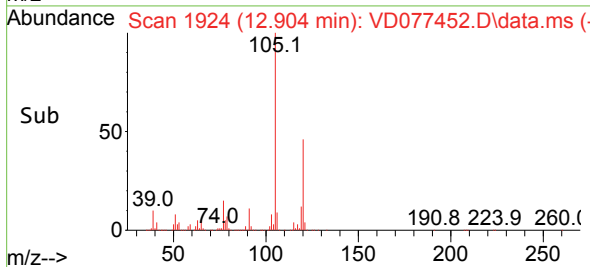
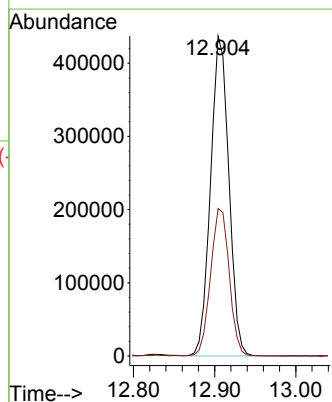
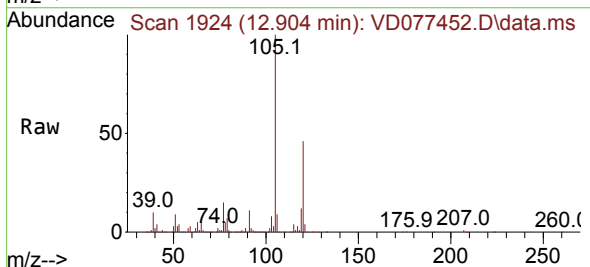
Instrument :
MSVOA_D
ClientSampleId :

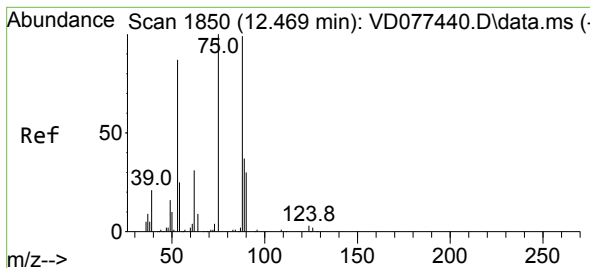
Tgt Ion: 91 Resp: 587031
Ion Ratio Lower Upper
91 100
126 30.8 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 48.954 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

Tgt Ion: 105 Resp: 684648
Ion Ratio Lower Upper
105 100
120 46.9 26.4 79.2

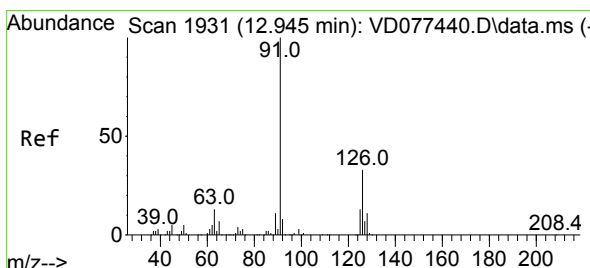
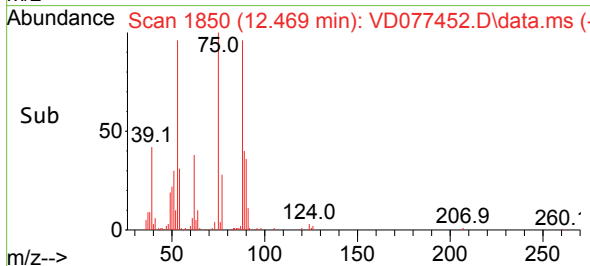
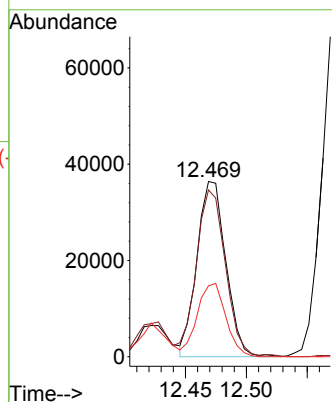
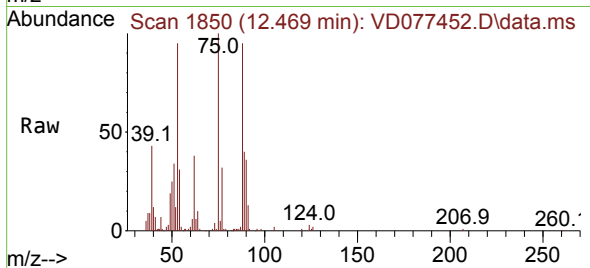




#81
trans-1,4-Dichloro-2-butene
Concen: 46.597 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

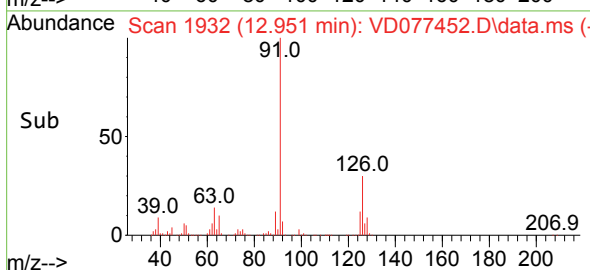
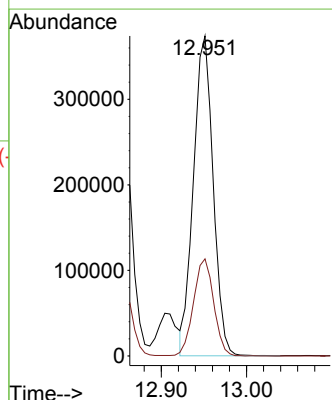
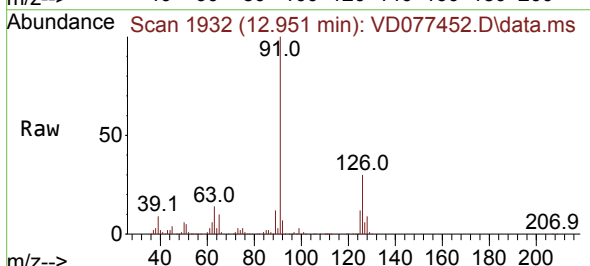
Instrument :
MSVOA_D
ClientSampleId :

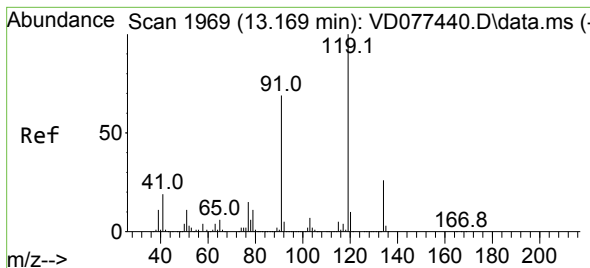
Tgt Ion: 75 Resp: 60022
Ion Ratio Lower Upper
75 100
53 96.9 63.0 94.4#
89 41.3 37.9 56.9



#82
4-Chlorotoluene
Concen: 48.002 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

Tgt Ion: 91 Resp: 599147
Ion Ratio Lower Upper
91 100
126 31.2 19.4 58.4





#83

tert-Butylbenzene

Concen: 48.985 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD077452.D

Acq: 31 Oct 2023 10:08

Instrument :

MSVOA_D

ClientSampleId :

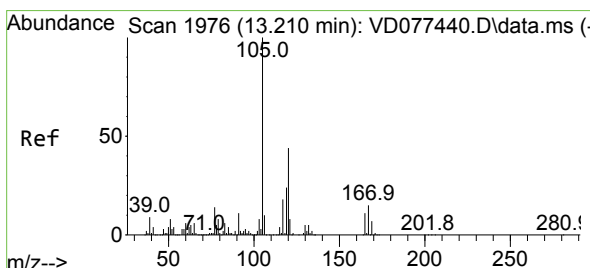
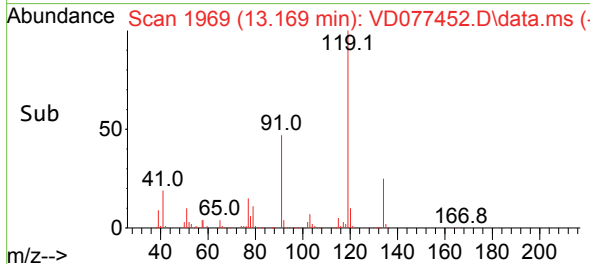
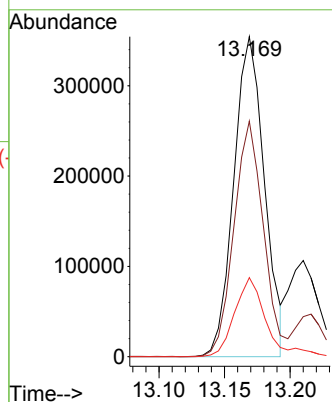
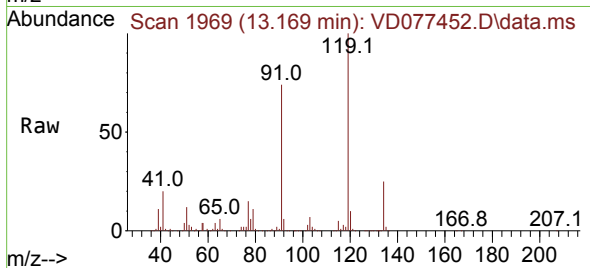
Tgt Ion:119 Resp: 575988

Ion Ratio Lower Upper

119 100

91 71.2 29.3 87.8

134 25.4 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 48.846 ug/l

RT: 13.216 min Scan# 1977

Delta R.T. 0.006 min

Lab File: VD077452.D

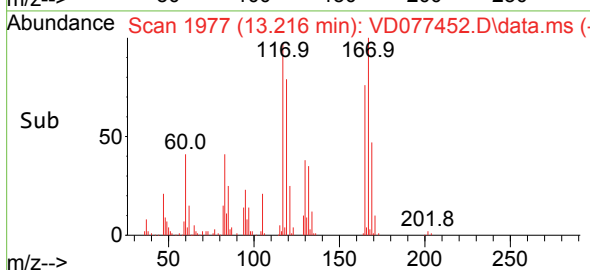
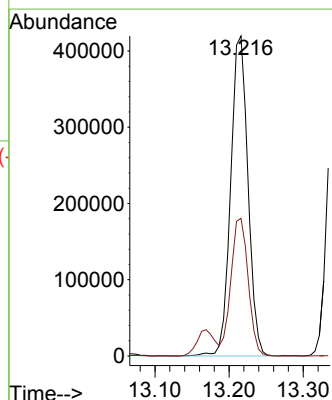
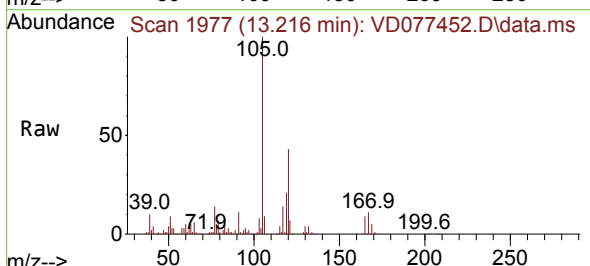
Acq: 31 Oct 2023 10:08

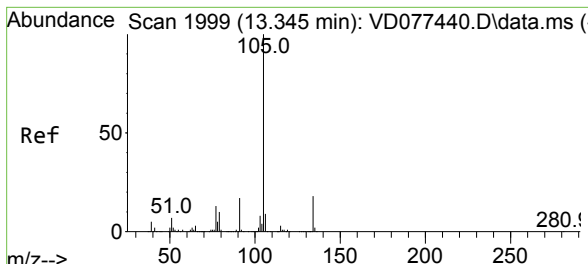
Tgt Ion:105 Resp: 678607

Ion Ratio Lower Upper

105 100

120 43.1 24.3 72.9

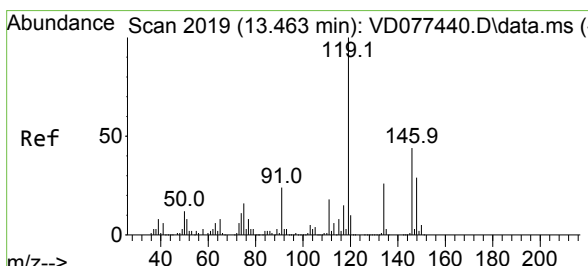
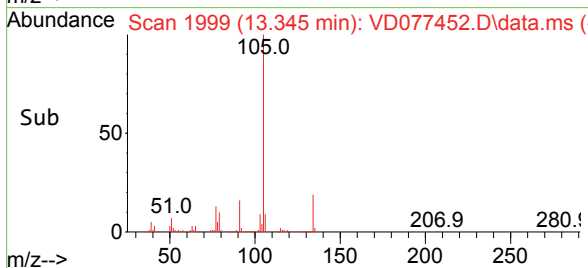
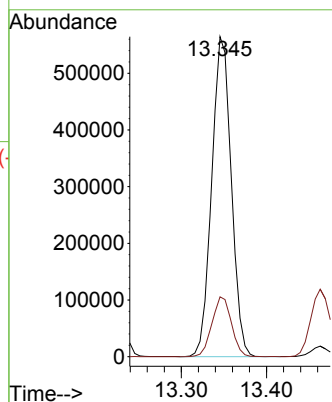
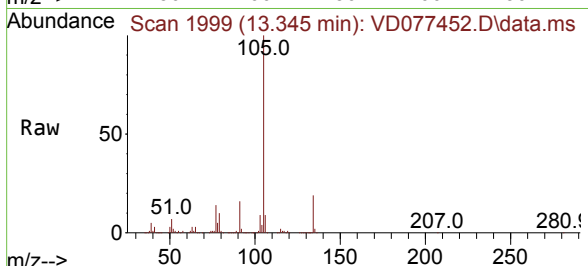




#85
 sec-Butylbenzene
 Concen: 50.127 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077452.D
 Acq: 31 Oct 2023 10:08

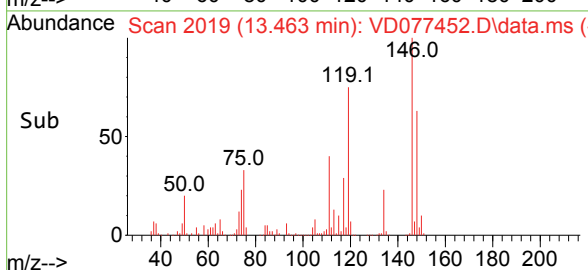
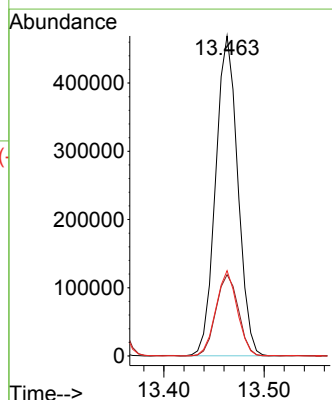
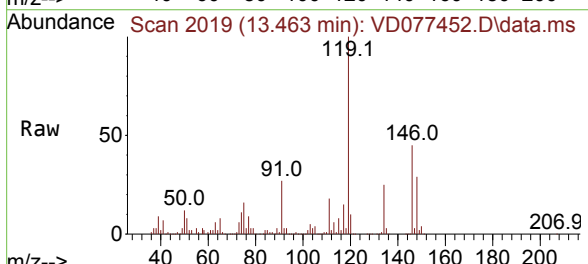
Instrument :
 MSVOA_D
 ClientSampleId :

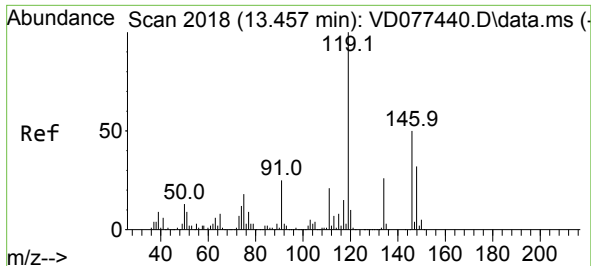
Tgt Ion:105 Resp: 901842
 Ion Ratio Lower Upper
 105 100
 134 18.6 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 49.149 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077452.D
 Acq: 31 Oct 2023 10:08

Tgt Ion:119 Resp: 718738
 Ion Ratio Lower Upper
 119 100
 134 25.7 14.2 42.6
 91 25.7 10.5 31.5

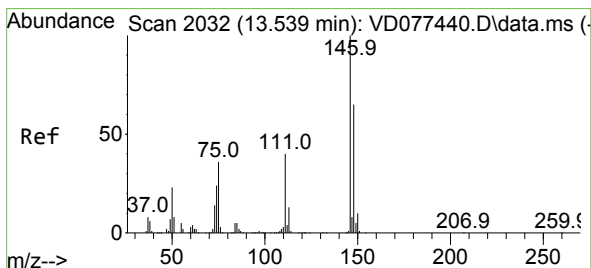
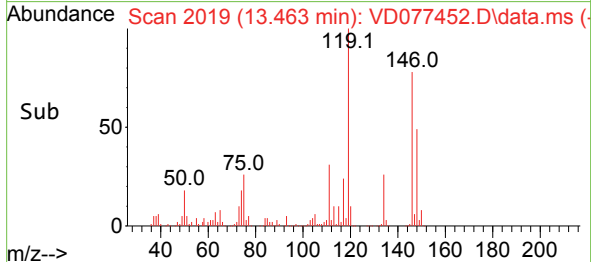
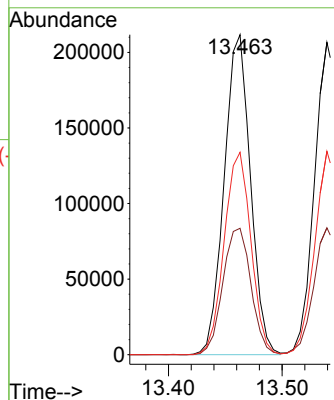
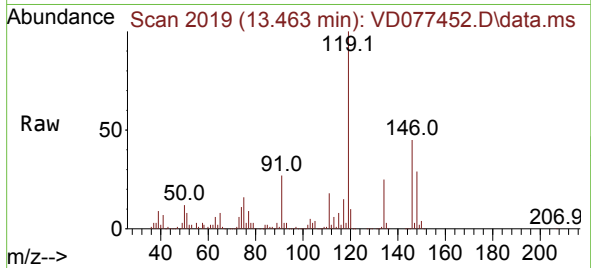




#87
1,3-Dichlorobenzene
Concen: 47.179 ug/l
RT: 13.463 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

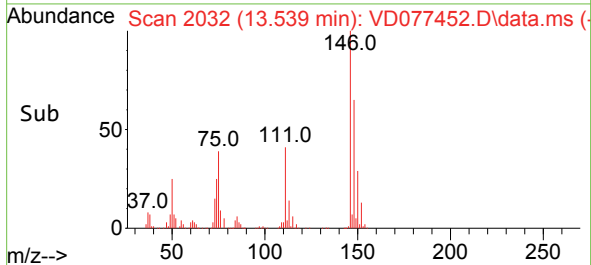
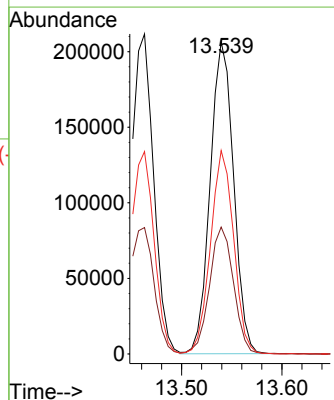
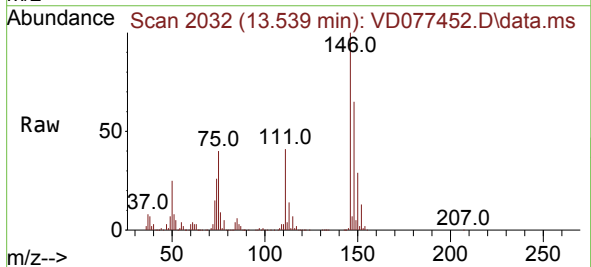
Instrument :
MSVOA_D
ClientSampleId :

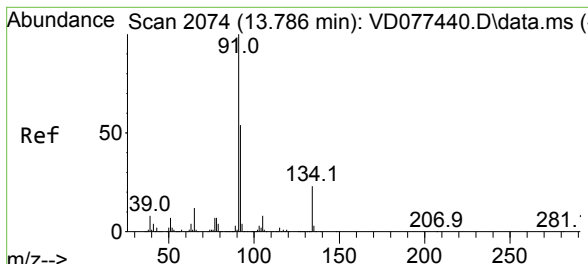
Tgt Ion:146 Resp: 340236
Ion Ratio Lower Upper
146 100
111 42.3 17.9 53.8
148 64.4 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 46.520 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

Tgt Ion:146 Resp: 335184
Ion Ratio Lower Upper
146 100
111 41.9 17.4 52.3
148 64.7 31.7 95.1

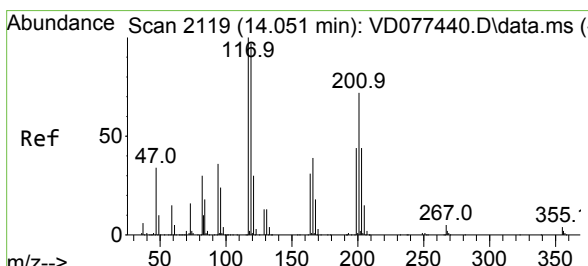
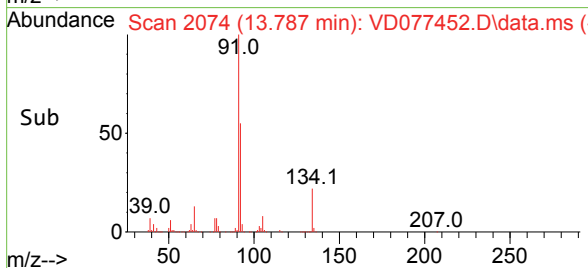
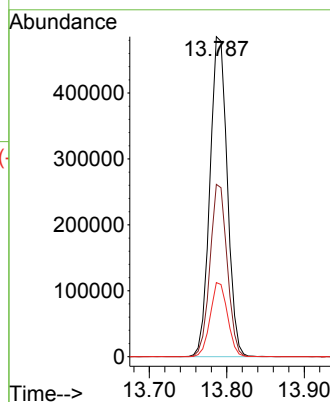
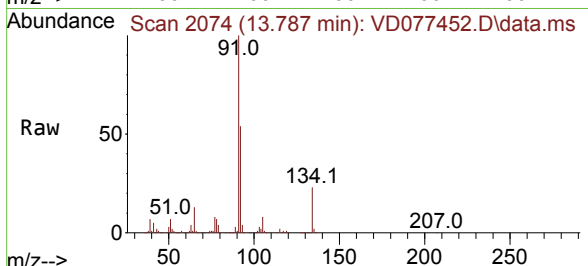




#89
n-Butylbenzene
Concen: 49.766 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

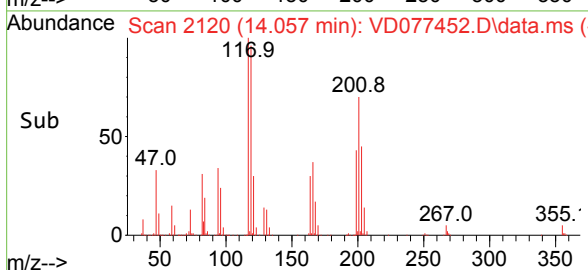
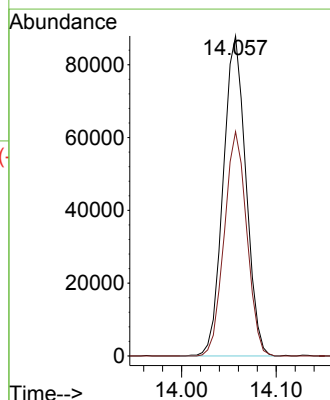
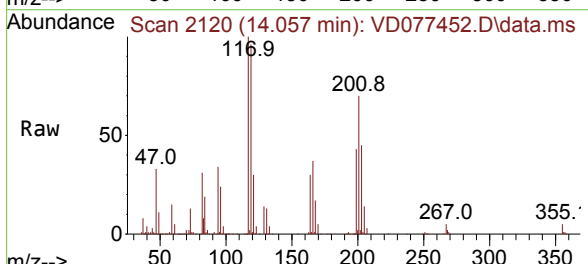
Instrument :
MSVOA_D
ClientSampleId :

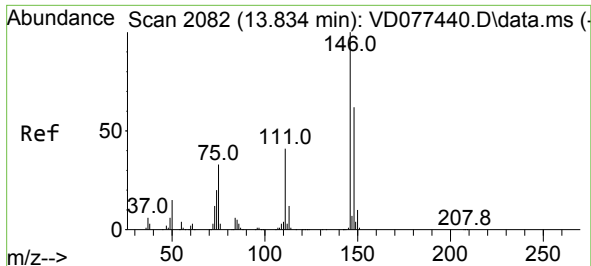
Tgt Ion: 91 Resp: 756424
Ion Ratio Lower Upper
91 100
92 53.3 26.5 79.5
134 23.0 13.8 41.3



#90
Hexachloroethane
Concen: 48.908 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

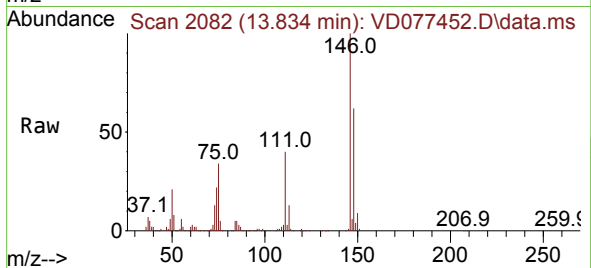
Tgt Ion: 117 Resp: 146356
Ion Ratio Lower Upper
117 100
201 69.4 38.5 115.5



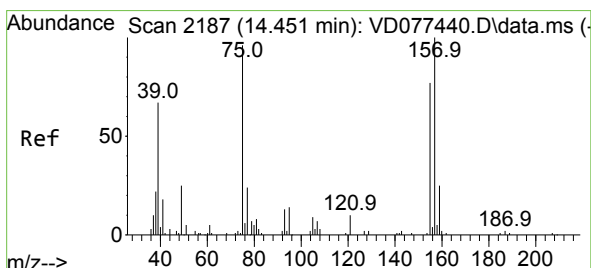
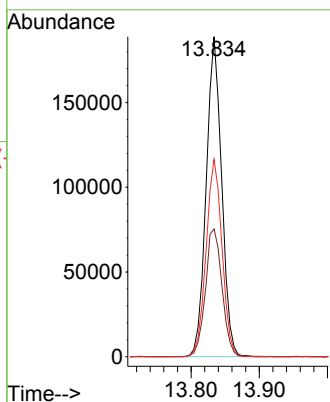
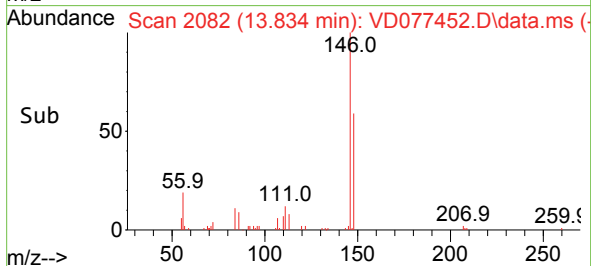


#91
1,2-Dichlorobenzene
Concen: 46.933 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

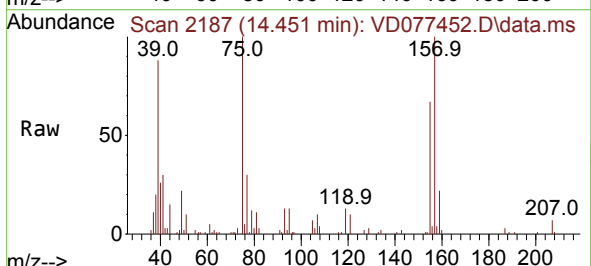
Instrument :
MSVOA_D
ClientSampleId :



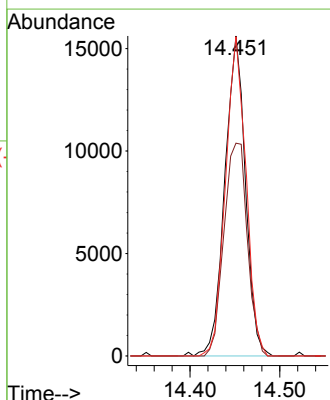
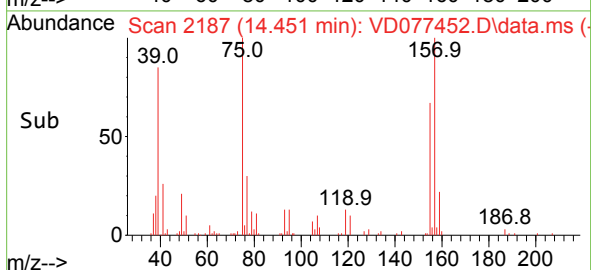
Tgt Ion:146 Resp: 297447
Ion Ratio Lower Upper
146 100
111 42.9 18.3 54.8
148 63.5 31.6 94.7

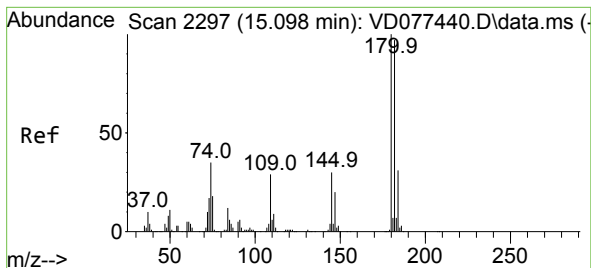


#92
1,2-Dibromo-3-Chloropropane
Concen: 45.208 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08



Tgt Ion: 75 Resp: 24883
Ion Ratio Lower Upper
75 100
155 75.7 47.9 143.8
157 98.6 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 45.029 ug/l

RT: 15.104 min Scan# 21

Delta R.T. 0.006 min

Lab File: VD077452.D

Acq: 31 Oct 2023 10:08

Instrument :

MSVOA_D

ClientSampleId :

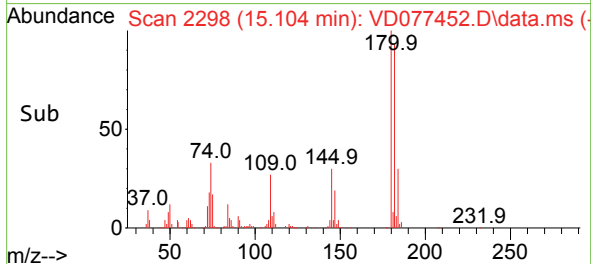
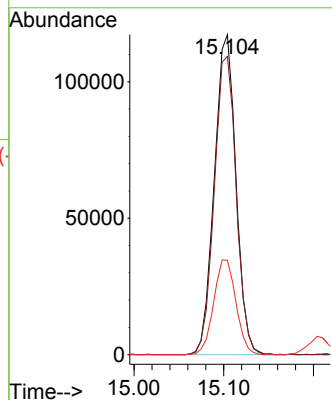
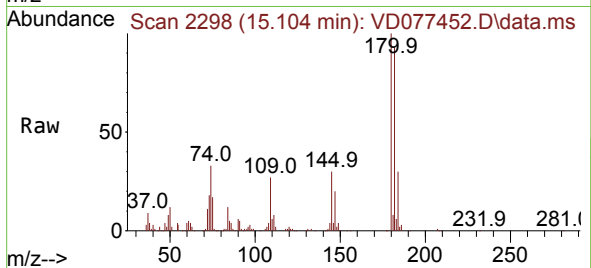
Tgt Ion:180 Resp: 196051

Ion Ratio Lower Upper

180 100

182 94.7 48.5 145.6

145 30.5 14.2 42.6



#94

Hexachlorobutadiene

Concen: 46.856 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD077452.D

Acq: 31 Oct 2023 10:08

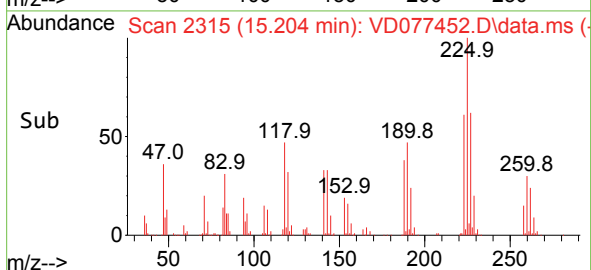
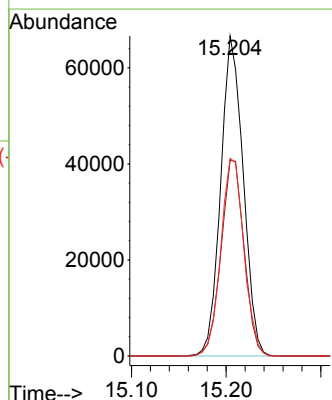
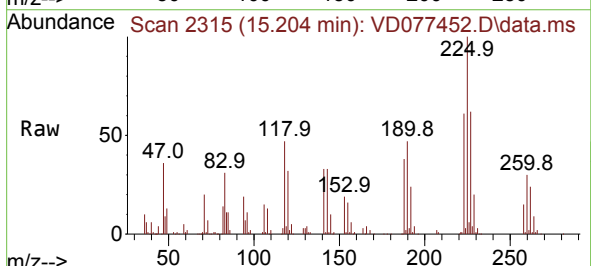
Tgt Ion:225 Resp: 110042

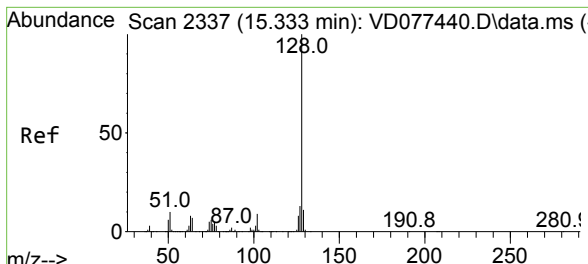
Ion Ratio Lower Upper

225 100

223 62.7 31.6 94.8

227 63.2 31.7 95.1

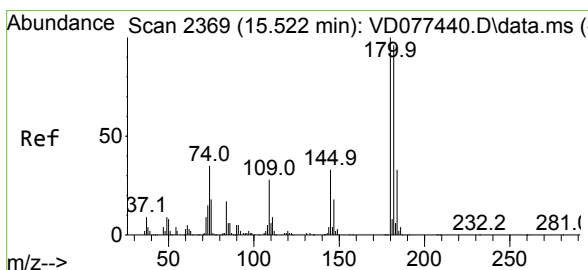
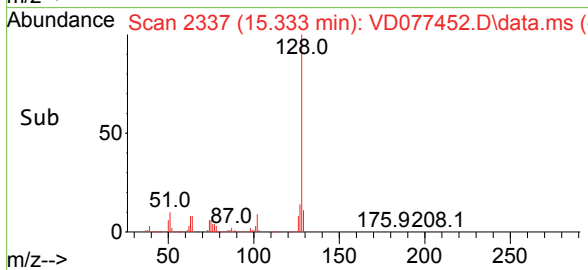
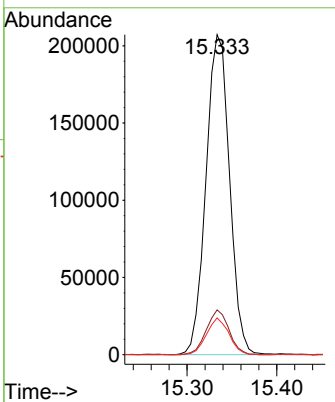
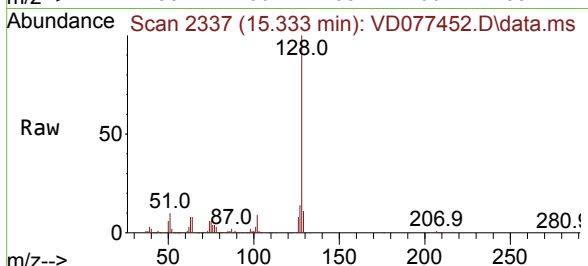




#95
Naphthalene
Concen: 45.505 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	128	Resp:	377956
Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.5	15.7
129	11.5	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 45.037 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

Tgt Ion:	180	Resp:	169259
Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.3	141.9
145	32.8	15.1	45.3

