

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD103123\
 Data File : VD077455.D
 Acq On : 31 Oct 2023 12:15
 Operator : JC/SY
 Sample : VD1031SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 01 06:03:56 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	269550	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	484973	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	427100	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	191119	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	196874	51.652	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.300%	
35) Dibromofluoromethane	7.810	113	170907	50.987	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.980%	
50) Toluene-d8	10.269	98	676460	51.956	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.920%	
62) 4-Bromofluorobenzene	12.575	95	220901	50.375	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.740%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	47586	21.894	ug/l	95
3) Chloromethane	2.152	50	70661	20.478	ug/l	98
4) Vinyl Chloride	2.287	62	73488	21.840	ug/l	95
5) Bromomethane	2.693	94	37457	21.243	ug/l	98
6) Chloroethane	2.840	64	48904	21.587	ug/l	98
7) Trichlorofluoromethane	3.181	101	100667	21.363	ug/l	97
8) Diethyl Ether	3.593	74	34867	20.584	ug/l #	51
9) 1,1,2-Trichlorotrifluo...	3.969	101	60812	21.377	ug/l	93
10) Methyl Iodide	4.163	142	58145	18.314	ug/l #	89
11) Tert butyl alcohol	5.057	59	32125	106.400	ug/l #	91
12) 1,1-Dichloroethene	3.946	96	54063	20.074	ug/l #	67
13) Acrolein	3.799	56	42645	107.107	ug/l	91
14) Allyl chloride	4.563	41	137023	21.090	ug/l #	82
15) Acrylonitrile	5.257	53	98133	107.172	ug/l	98
16) Acetone	4.022	43	103001	102.124	ug/l #	79
17) Carbon Disulfide	4.275	76	117189	16.803	ug/l	100
18) Methyl Acetate	4.569	43	73895	20.086	ug/l #	75
19) Methyl tert-butyl Ether	5.316	73	174722	20.668	ug/l	92
20) Methylene Chloride	4.804	84	80867	19.871	ug/l #	64
21) trans-1,2-Dichloroethene	5.310	96	62085	19.794	ug/l #	74
22) Diisopropyl ether	6.216	45	296990	21.508	ug/l #	89
23) Vinyl Acetate	6.157	43	734184	123.244	ug/l #	82
24) 1,1-Dichloroethane	6.110	63	152801	21.326	ug/l	93
25) 2-Butanone	7.081	43	142409	105.857	ug/l #	72
26) 2,2-Dichloropropane	7.075	77	132210	20.822	ug/l	90
27) cis-1,2-Dichloroethene	7.081	96	79225	20.388	ug/l	68
28) Bromochloromethane	7.428	49	54490	18.174	ug/l #	52
29) Tetrahydrofuran	7.439	42	82557	103.470	ug/l #	69
30) Chloroform	7.598	83	141226	21.110	ug/l	95
31) Cyclohexane	7.875	56	117403	19.704	ug/l #	74
32) 1,1,1-Trichloroethane	7.798	97	116965	21.220	ug/l	94
36) 1,1-Dichloropropene	8.010	75	98200	19.759	ug/l	93
37) Ethyl Acetate	7.175	43	59458	20.847	ug/l #	87
38) Carbon Tetrachloride	7.992	117	95859	20.469	ug/l	99
39) Methylcyclohexane	9.275	83	108503	19.135	ug/l #	80
40) Benzene	8.251	78	288403	20.351	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	38161	20.911	ug/l #	70
42) 1,2-Dichloroethane	8.322	62	94032	20.950	ug/l	89
43) Isopropyl Acetate	8.357	43	119636	20.327	ug/l #	80
44) Trichloroethene	9.028	130	68208	19.649	ug/l	91
45) 1,2-Dichloropropane	9.304	63	89746	21.511	ug/l	100
46) Dibromomethane	9.398	93	38933	19.391	ug/l	89
47) Bromodichloromethane	9.586	83	107184	20.197	ug/l	98
48) Methyl methacrylate	9.381	41	57873	20.599	ug/l #	64
49) 1,4-Dioxane	9.386	88	8731	404.686	ug/l #	52
51) 4-Methyl-2-Pentanone	10.157	43	295733	102.082	ug/l #	80
52) Toluene	10.333	92	178930	20.711	ug/l	99
53) t-1,3-Dichloropropene	10.557	75	114070	20.299	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	133099	20.582	ug/l #	76
55) 1,1,2-Trichloroethane	10.733	97	54822	20.465	ug/l	92
56) Ethyl methacrylate	10.598	69	80540	20.222	ug/l #	61
57) 1,3-Dichloropropane	10.881	76	101566	20.285	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	192291	96.437	ug/l #	84
59) 2-Hexanone	10.922	43	212796	99.711	ug/l	77
60) Dibromochloromethane	11.075	129	66881	20.763	ug/l	98
61) 1,2-Dibromoethane	11.180	107	51468	20.289	ug/l	98
64) Tetrachloroethene	10.810	164	53356	19.622	ug/l	88
65) Chlorobenzene	11.610	112	182645	20.412	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.680	131	68086	20.136	ug/l	98
67) Ethyl Benzene	11.686	91	364010	21.143	ug/l	96
68) m/p-Xylenes	11.792	106	255649	41.121	ug/l	77
69) o-Xylene	12.122	106	123800	20.789	ug/l	78
70) Styrene	12.133	104	213932	20.825	ug/l #	91
71) Bromoform	12.298	173	37783	20.155	ug/l #	99
73) Isopropylbenzene	12.422	105	339310	21.776	ug/l	94
74) N-amyl acetate	12.233	43	116906	21.181	ug/l #	79
75) 1,1,2,2-Tetrachloroethane	12.675	83	66082	21.635	ug/l	95
76) 1,2,3-Trichloropropane	12.727	75	87126	37.456	ug/l #	100
77) Bromobenzene	12.698	156	71407	20.819	ug/l	69
78) n-propylbenzene	12.763	91	429382	21.702	ug/l	92
79) 2-Chlorotoluene	12.851	91	237282	21.181	ug/l	88
80) 1,3,5-Trimethylbenzene	12.904	105	278615	21.309	ug/l	91
81) trans-1,4-Dichloro-2-b...	12.469	75	25058	20.809	ug/l #	84
82) 4-Chlorotoluene	12.951	91	245409	21.031	ug/l	88
83) tert-Butylbenzene	13.169	119	235496	21.423	ug/l	86
84) 1,2,4-Trimethylbenzene	13.210	105	275983	21.249	ug/l	92
85) sec-Butylbenzene	13.345	105	363816	21.631	ug/l	94
86) p-Isopropyltoluene	13.463	119	290565	21.254	ug/l	92
87) 1,3-Dichlorobenzene	13.463	146	141369	20.969	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	140382	20.841	ug/l	95
89) n-Butylbenzene	13.786	91	308264	21.694	ug/l	97
90) Hexachloroethane	14.057	117	60261	21.540	ug/l	92
91) 1,2-Dichlorobenzene	13.833	146	124136	20.951	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	10606	20.611	ug/l	77
93) 1,2,4-Trichlorobenzene	15.098	180	82517	20.273	ug/l	97
94) Hexachlorobutadiene	15.204	225	45241	20.606	ug/l	99
95) Naphthalene	15.333	128	161058	20.742	ug/l	98
96) 1,2,3-Trichlorobenzene	15.521	180	71090	20.234	ug/l	98

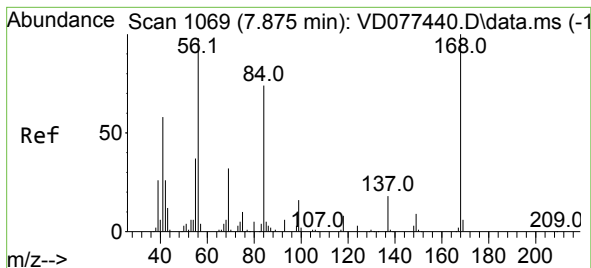
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Quant Title : SW846 8260
QLast Update : Tue Oct 31 04:19:17 2023
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD077455.D

Acq: 31 Oct 2023 12:15

Instrument :

MSVOA_D

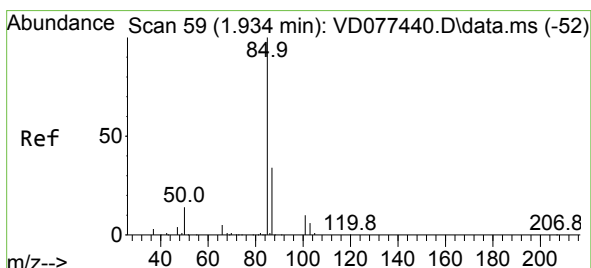
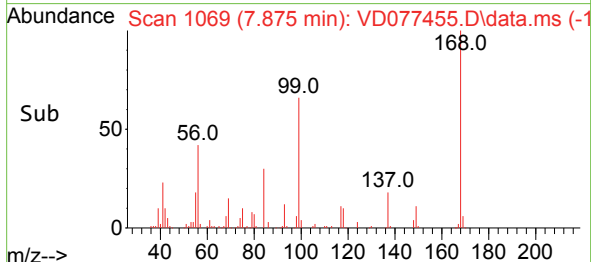
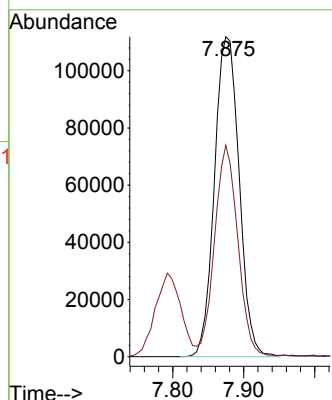
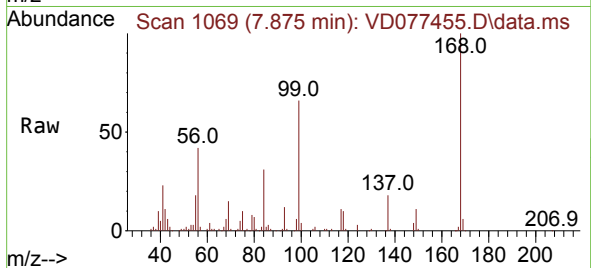
ClientSampleId :

Tgt Ion:168 Resp: 269550

Ion Ratio Lower Upper

168 100

99 65.7 36.7 55.1#



#2

Dichlorodifluoromethane

Concen: 21.894 ug/l

RT: 1.934 min Scan# 59

Delta R.T. -0.000 min

Lab File: VD077455.D

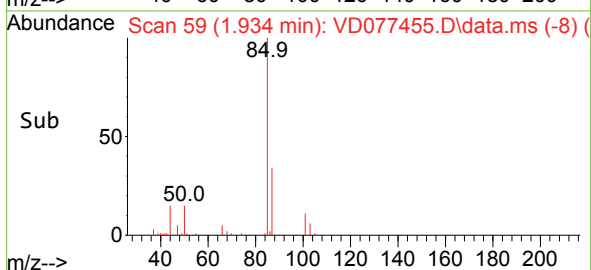
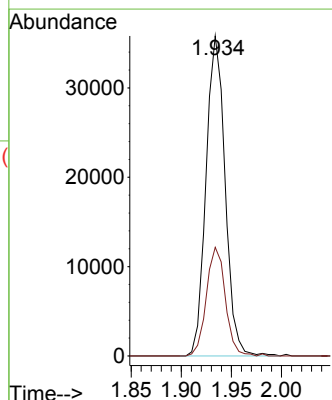
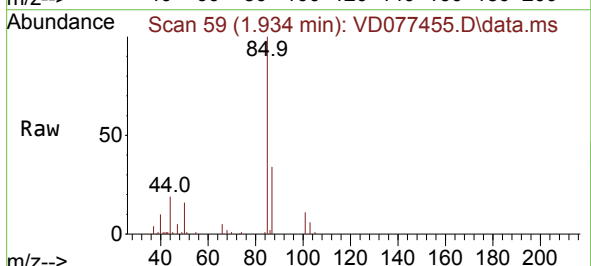
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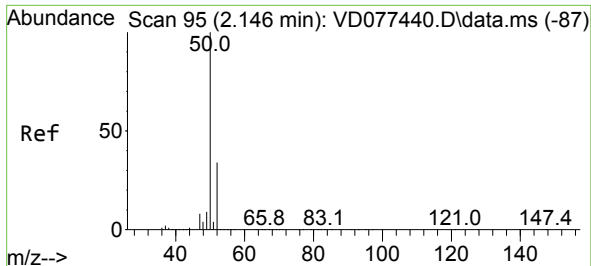
Tgt Ion: 85 Resp: 47586

Ion Ratio Lower Upper

85 100

87 33.9 15.7 47.0

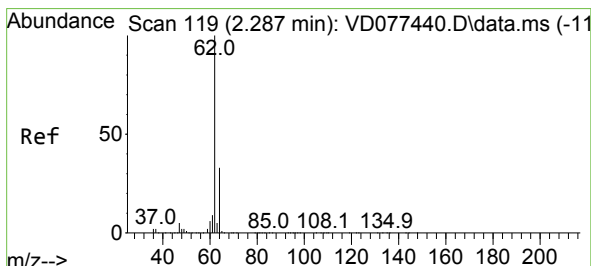
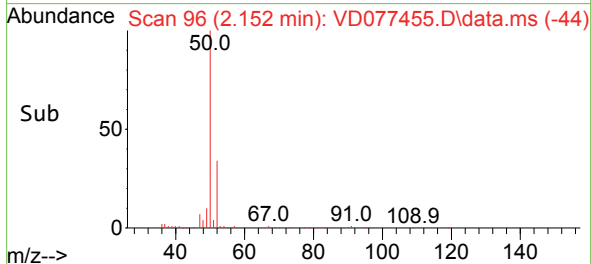
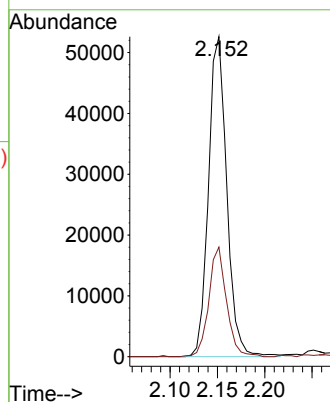
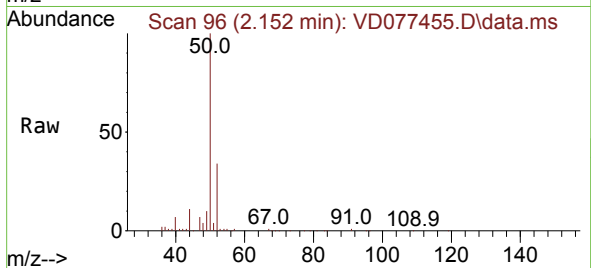




#3
Chloromethane
Concen: 20.478 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD077455.D
Acq: 31 Oct 2023 12:15

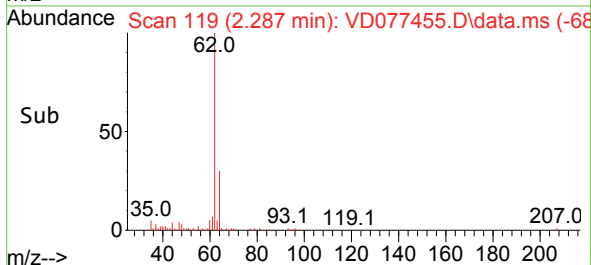
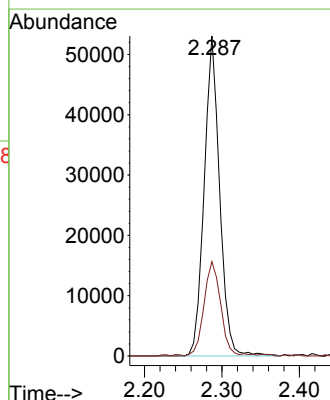
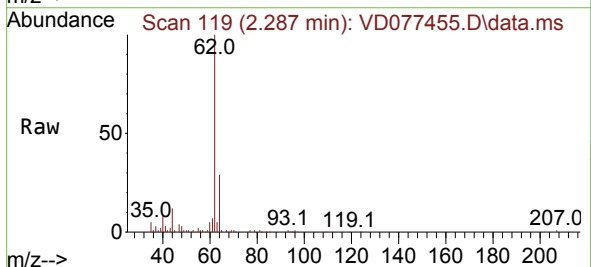
Instrument :
MSVOA_D
ClientSampleId :

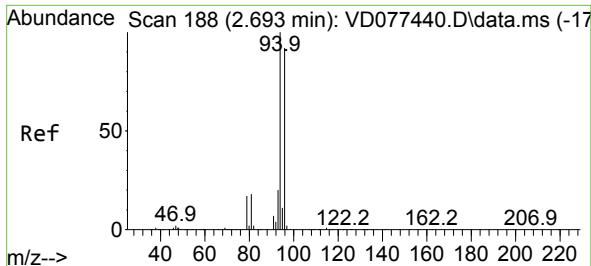
Tgt Ion: 50 Resp: 70661
Ion Ratio Lower Upper
50 100
52 34.3 26.6 40.0



#4
Vinyl Chloride
Concen: 21.840 ug/l
RT: 2.287 min Scan# 119
Delta R.T. -0.000 min
Lab File: VD077455.D
Acq: 31 Oct 2023 12:15

Tgt Ion: 62 Resp: 73488
Ion Ratio Lower Upper
62 100
64 29.4 26.0 39.0

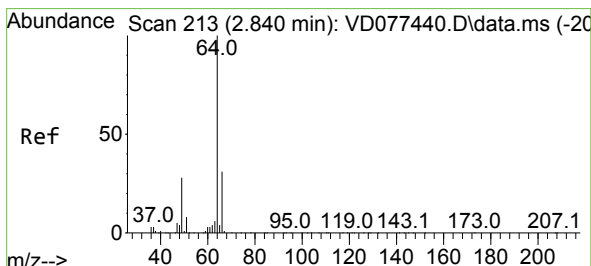
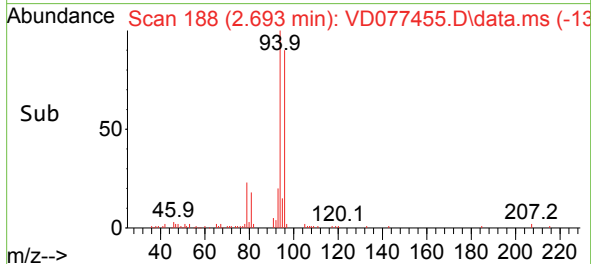
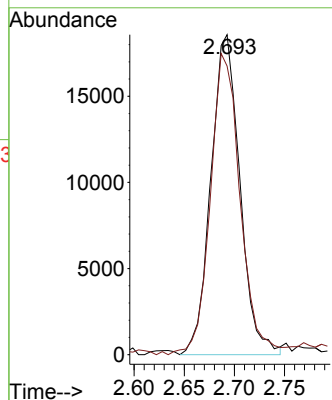
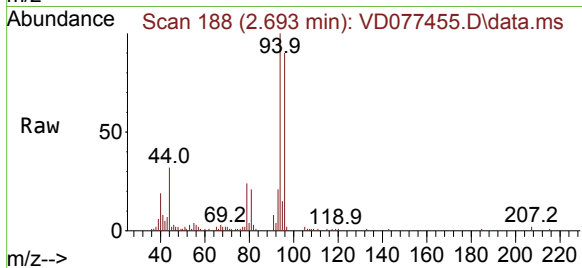




#5
Bromomethane
Concen: 21.243 ug/l
RT: 2.693 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077455.D
Acq: 31 Oct 2023 12:15

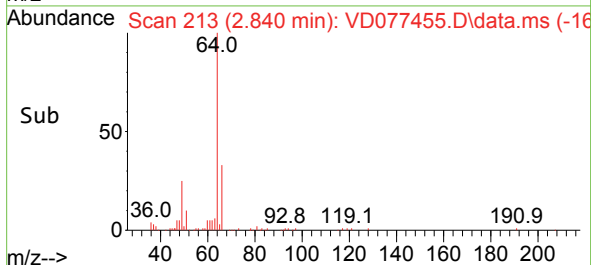
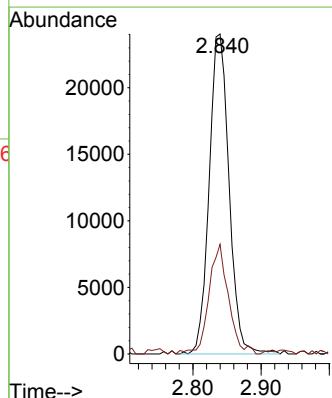
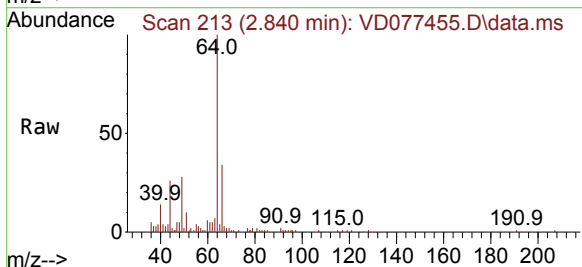
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ClientSampleId :

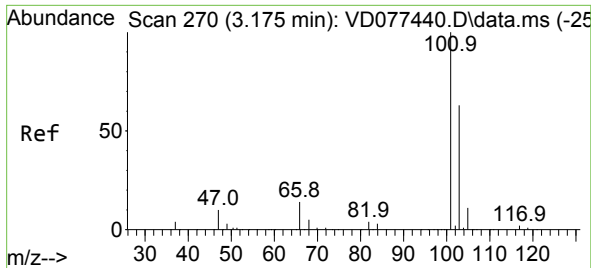
Tgt Ion: 94 Resp: 37457
Ion Ratio Lower Upper
94 100
96 96.7 75.8 113.8



#6
Chloroethane
Concen: 21.587 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD077455.D
Acq: 31 Oct 2023 12:15

Tgt Ion: 64 Resp: 48904
Ion Ratio Lower Upper
64 100
66 33.2 25.5 38.3

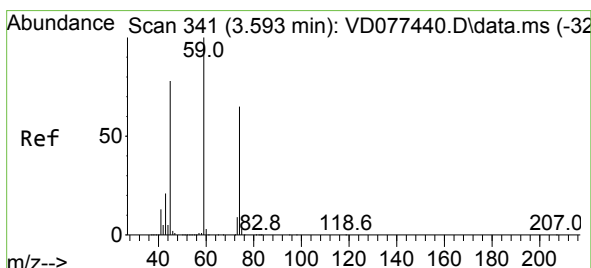
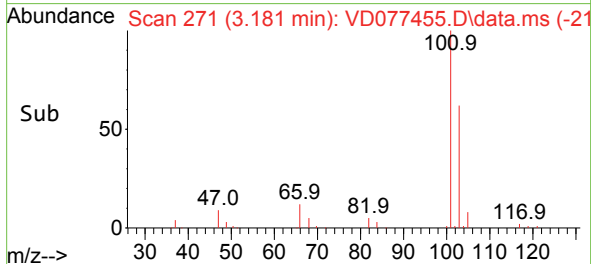
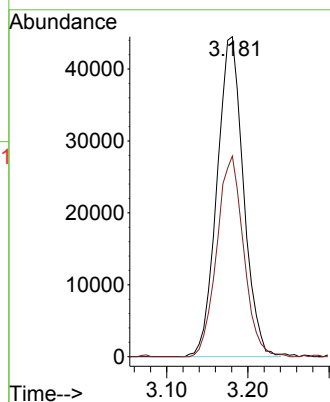
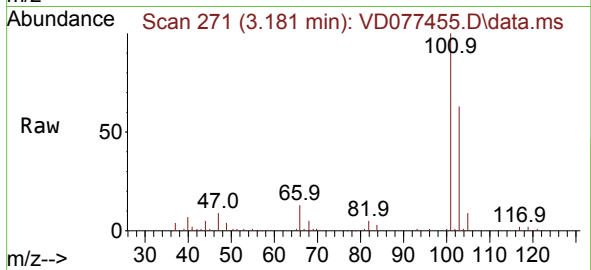




#7
 Trichlorofluoromethane
 Concen: 21.363 ug/l
 RT: 3.181 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD077455.D
 Acq: 31 Oct 2023 12:15

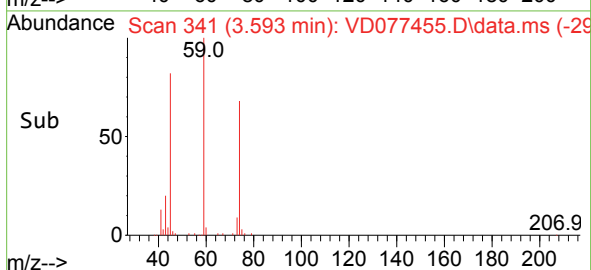
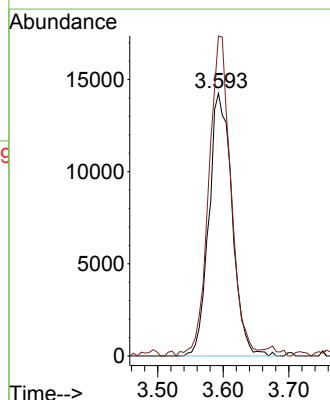
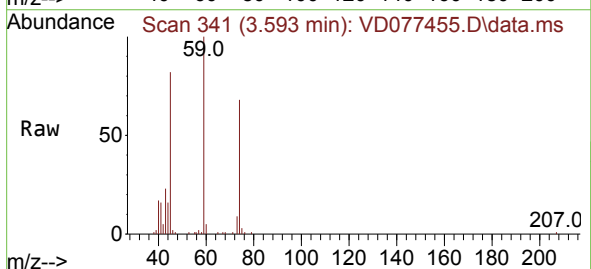
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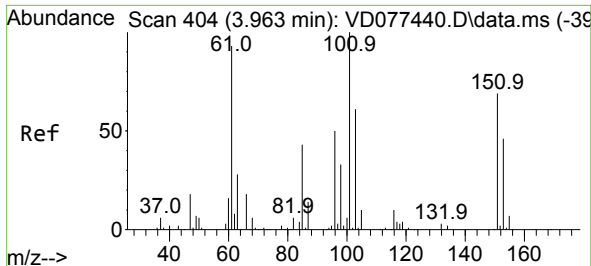
Tgt Ion:101 Resp: 100667
 Ion Ratio Lower Upper
 101 100
 103 62.7 52.3 78.5



#8
 Diethyl Ether
 Concen: 20.584 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VD077455.D
 Acq: 31 Oct 2023 12:15

Tgt Ion: 74 Resp: 34867
 Ion Ratio Lower Upper
 74 100
 45 117.1 37.5 112.7#

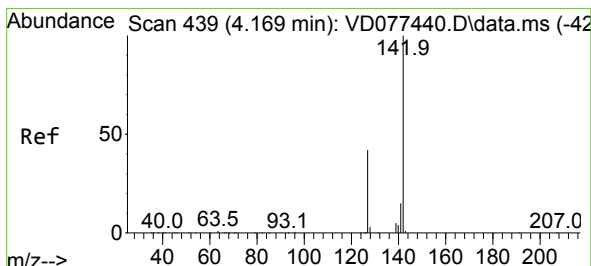
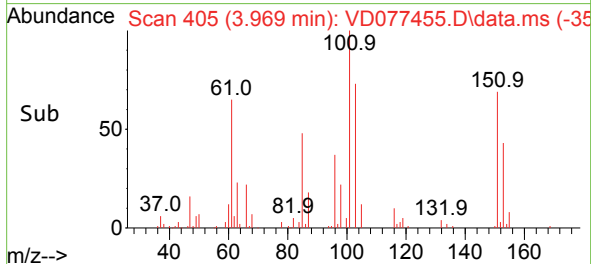
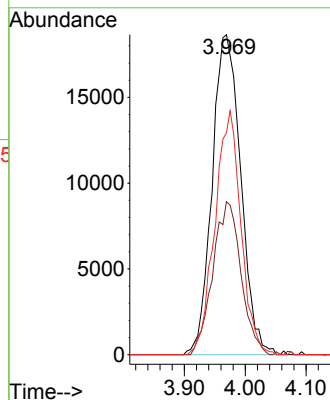
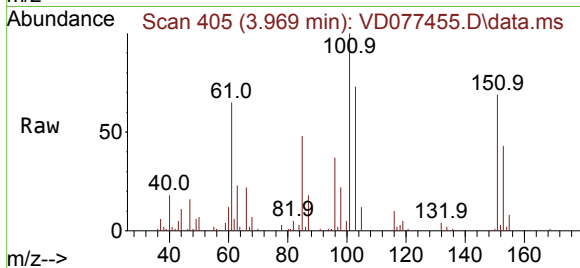




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.377 ug/l
RT: 3.969 min Scan# 404
Delta R.T. 0.006 min
Lab File: VD077455.D
Acq: 31 Oct 2023 12:15

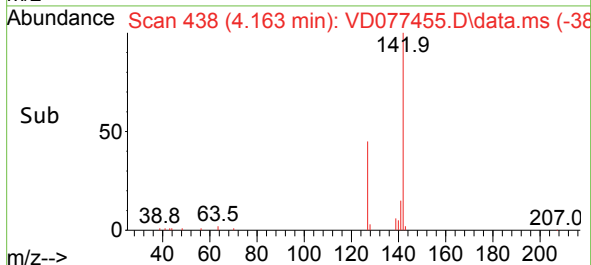
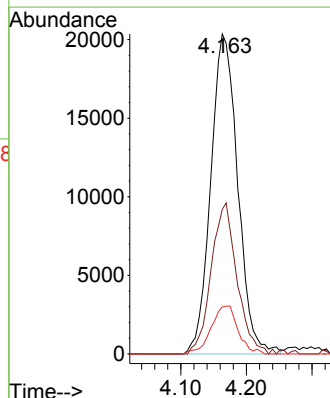
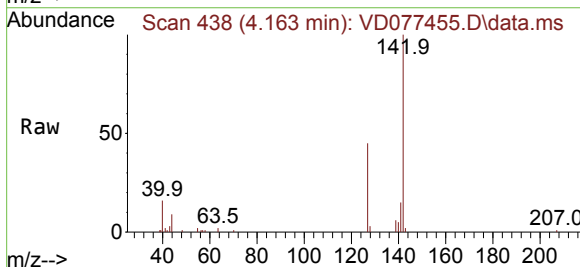
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ClientSampleId :

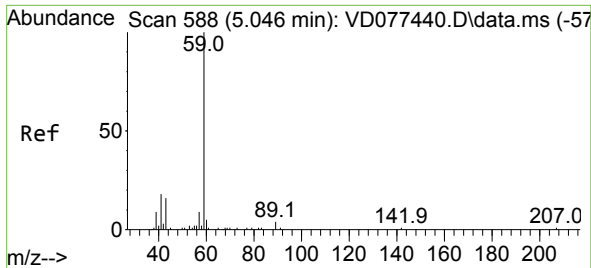
Tgt Ion:101 Resp: 60812
Ion Ratio Lower Upper
101 100
85 47.1 33.8 50.6
151 69.5 59.8 89.6



#10
Methyl Iodide
Concen: 18.314 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.006 min
Lab File: VD077455.D
Acq: 31 Oct 2023 12:15

Tgt Ion:142 Resp: 58145
Ion Ratio Lower Upper
142 100
127 45.0 29.4 44.0#
141 14.9 11.1 16.7

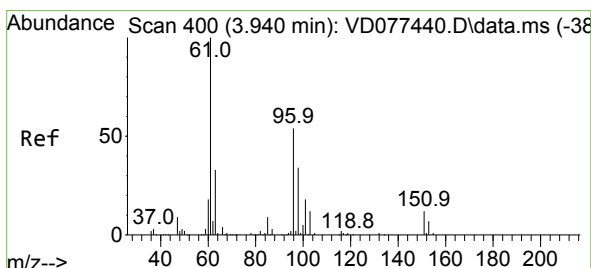
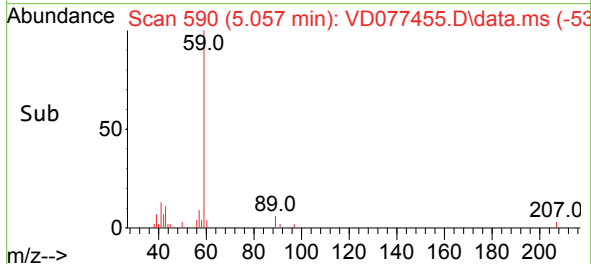
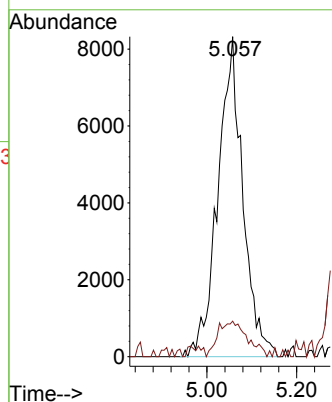
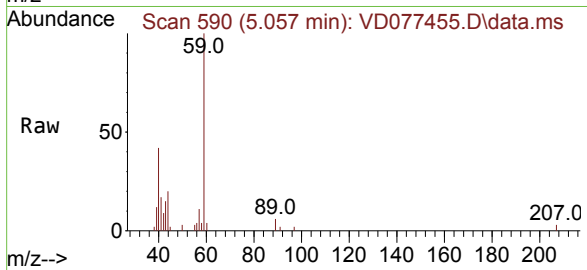




#11
Tert butyl alcohol
Concen: 106.400 ug/l
RT: 5.057 min Scan# 591
Delta R.T. 0.012 min
Lab File: VD077455.D
Acq: 31 Oct 2023 12:15

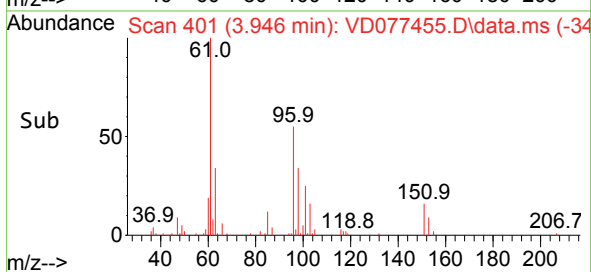
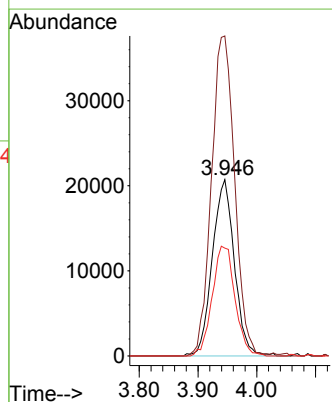
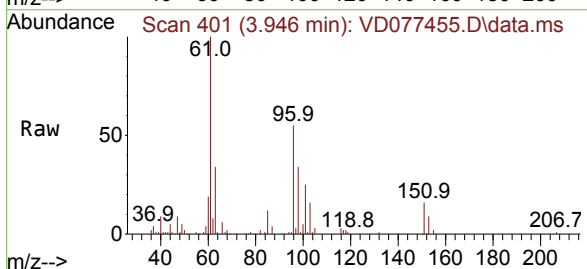
Instrument :
MSVOA_D
ClientSampleId :

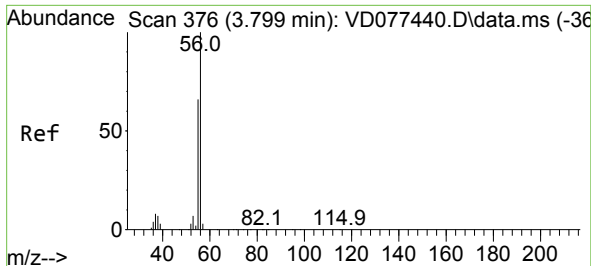
Tgt Ion: 59 Resp: 32125
Ion Ratio Lower Upper
59 100
57 13.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 20.074 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD077455.D
Acq: 31 Oct 2023 12:15

Tgt Ion: 96 Resp: 54063
Ion Ratio Lower Upper
96 100
61 181.4 100.6 150.8#
98 61.2 50.2 75.2





#13

Acrolein

Concen: 107.107 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD077455.D

Acq: 31 Oct 2023 12:15

Instrument :

MSVOA_D

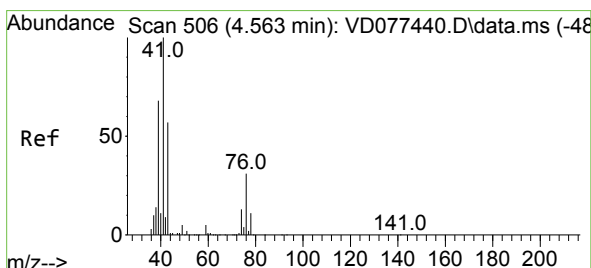
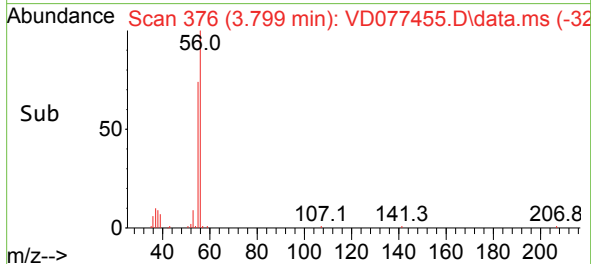
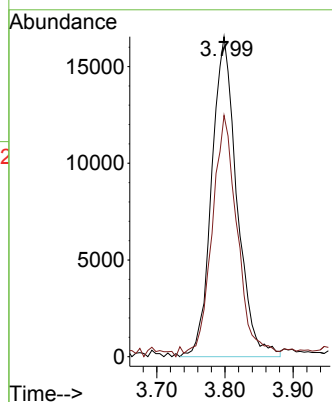
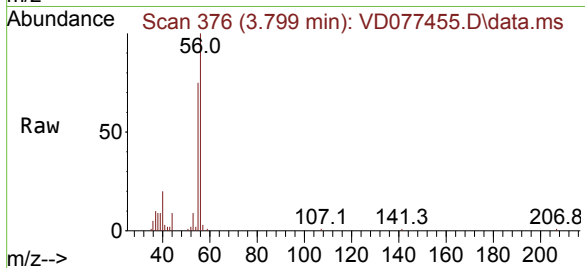
ClientSampleId :

Tgt Ion: 56 Resp: 42645

Ion Ratio Lower Upper

56 100

55 76.2 55.1 82.7



#14

Allyl chloride

Concen: 21.090 ug/l

RT: 4.563 min Scan# 506

Delta R.T. -0.000 min

Lab File: VD077455.D

Acq: 31 Oct 2023 12:15

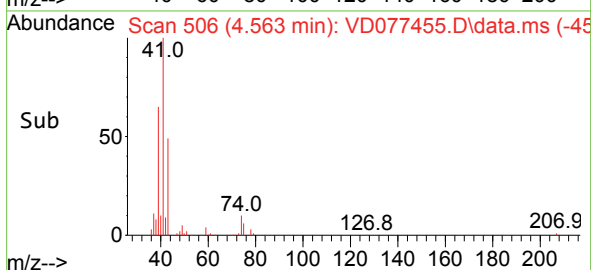
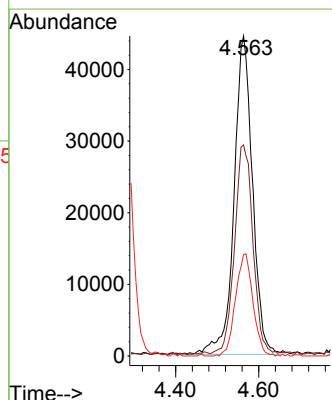
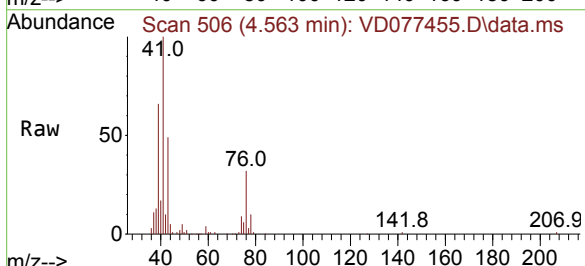
Tgt Ion: 41 Resp: 137023

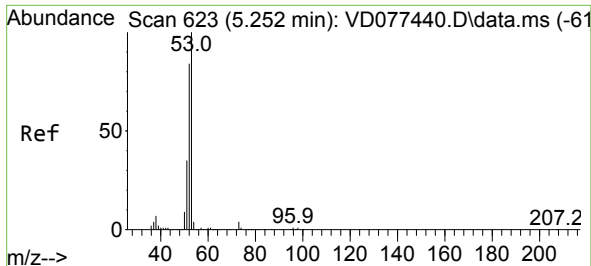
Ion Ratio Lower Upper

41 100

39 64.8 53.8 80.6

76 30.2 45.8 68.8#

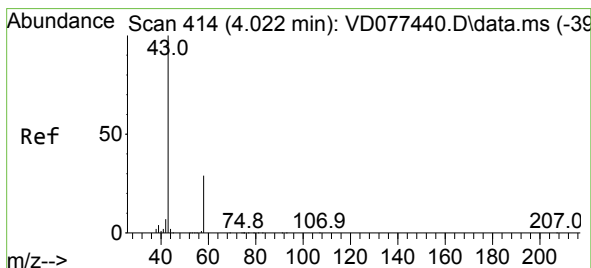
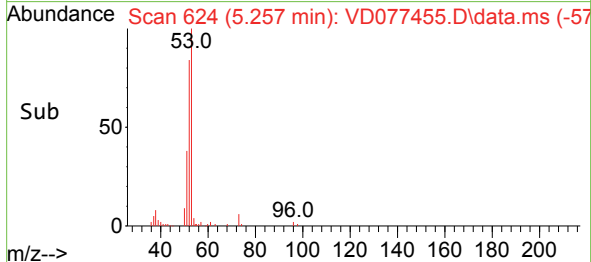
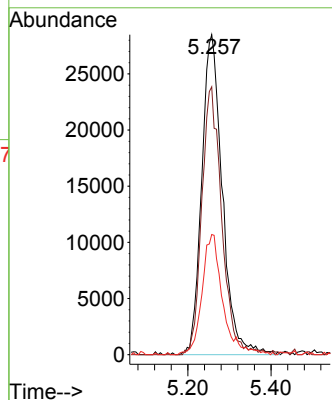
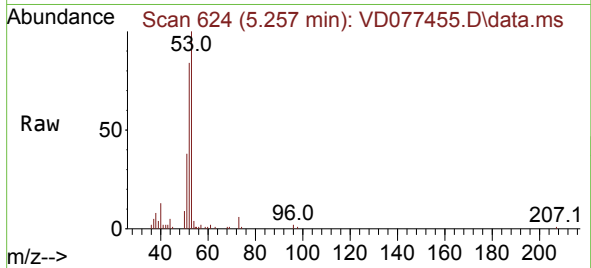




#15
Acrylonitrile
Concen: 107.172 ug/l
RT: 5.257 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077455.D
Acq: 31 Oct 2023 12:15

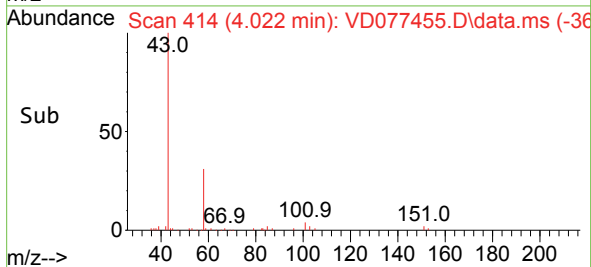
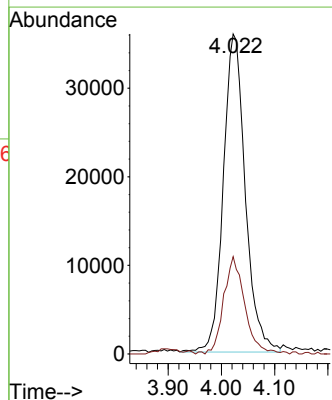
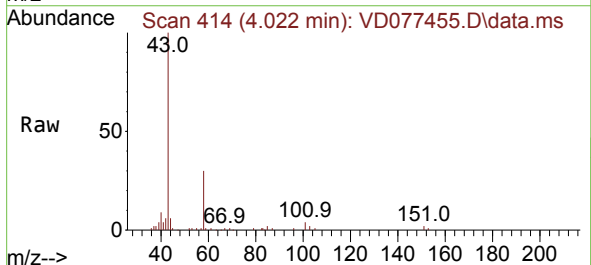
Instrument :
MSVOA_D
ClientSampleId :

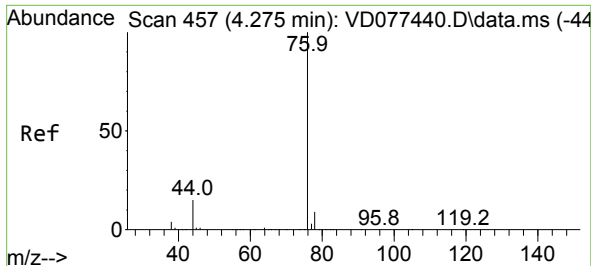
Tgt Ion: 53 Resp: 98133
Ion Ratio Lower Upper
53 100
52 80.6 65.0 97.4
51 37.6 28.3 42.5



#16
Acetone
Concen: 102.124 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD077455.D
Acq: 31 Oct 2023 12:15

Tgt Ion: 43 Resp: 103001
Ion Ratio Lower Upper
43 100
58 30.1 34.7 52.1#

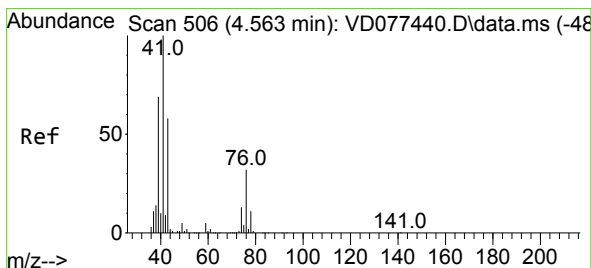
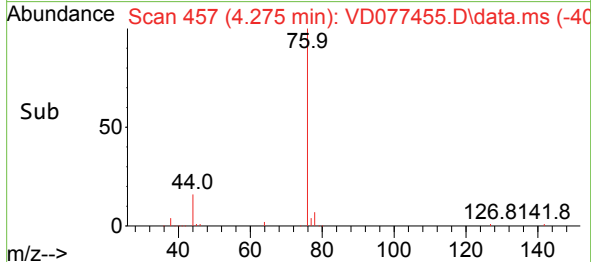
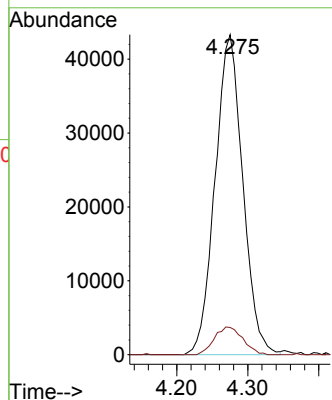
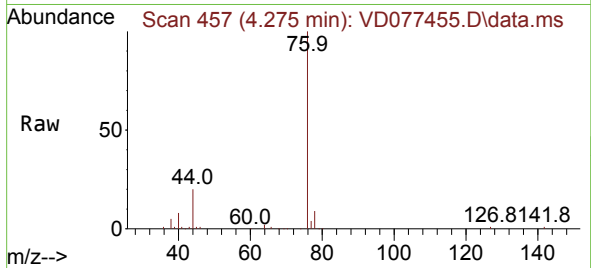




#17
Carbon Disulfide
Concen: 16.803 ug/l
RT: 4.275 min Scan# 411
Delta R.T. -0.000 min
Lab File: VD077455.D
Acq: 31 Oct 2023 12:15

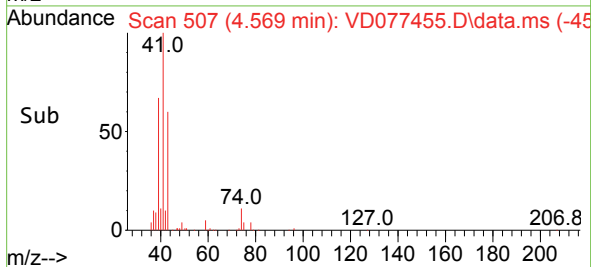
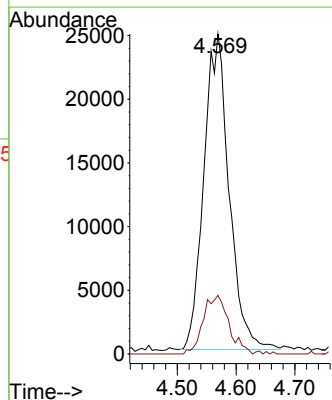
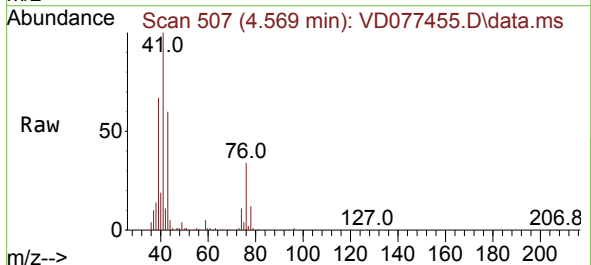
Instrument :
MSVOA_D
ClientSampleId :

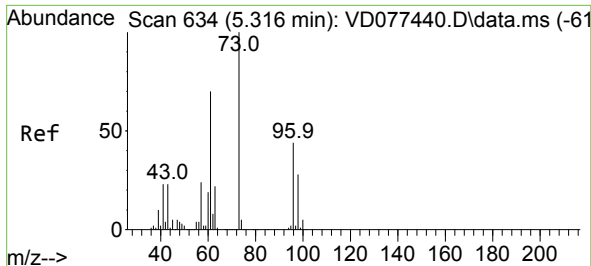
Tgt Ion: 76 Resp: 117189
Ion Ratio Lower Upper
76 100
78 8.5 6.8 10.2



#18
Methyl Acetate
Concen: 20.086 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077455.D
Acq: 31 Oct 2023 12:15

Tgt Ion: 43 Resp: 73895
Ion Ratio Lower Upper
43 100
74 18.7 26.4 39.6#





#19

Methyl tert-butyl Ether

Concen: 20.668 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.000 min

Lab File: VD077455.D

Acq: 31 Oct 2023 12:15

Instrument :

MSVOA_D

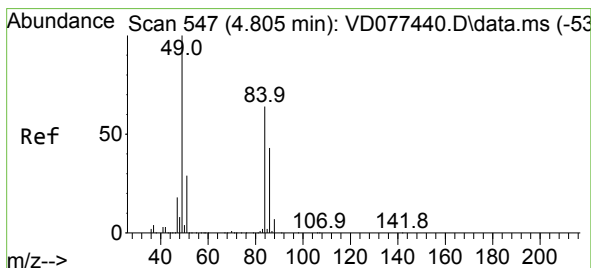
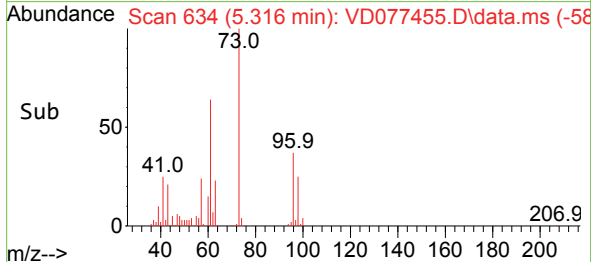
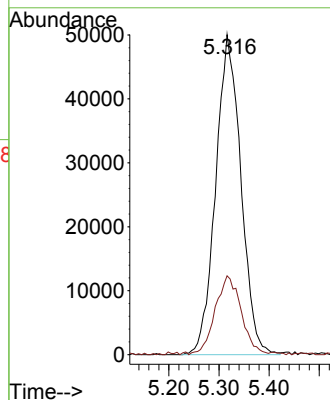
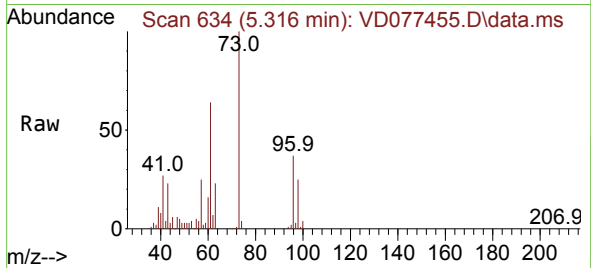
ClientSampleId :

Tgt Ion: 73 Resp: 174722

Ion Ratio Lower Upper

73 100

57 24.7 16.6 25.0



#20

Methylene Chloride

Concen: 19.871 ug/l

RT: 4.804 min Scan# 547

Delta R.T. -0.001 min

Lab File: VD077455.D

Acq: 31 Oct 2023 12:15

Tgt Ion: 84 Resp: 80867

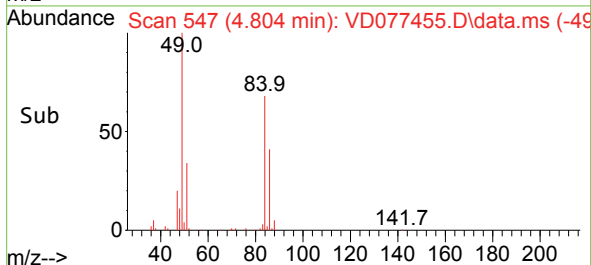
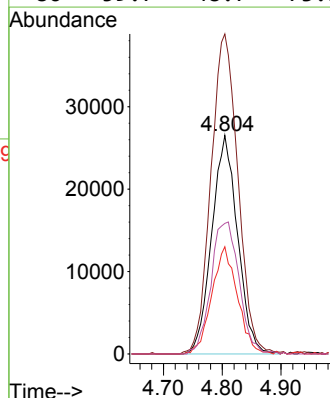
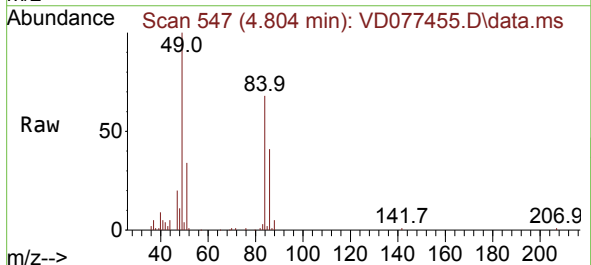
Ion Ratio Lower Upper

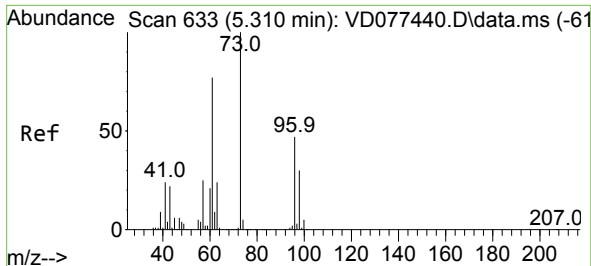
84 100

49 146.4 71.4 107.2#

51 49.1 24.5 36.7#

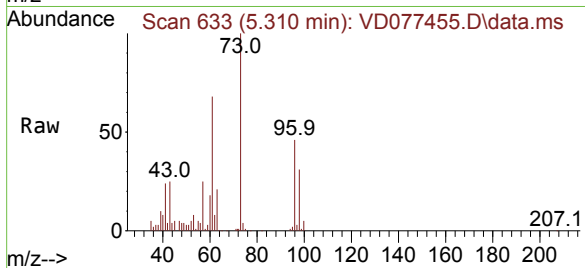
86 59.7 48.7 73.1



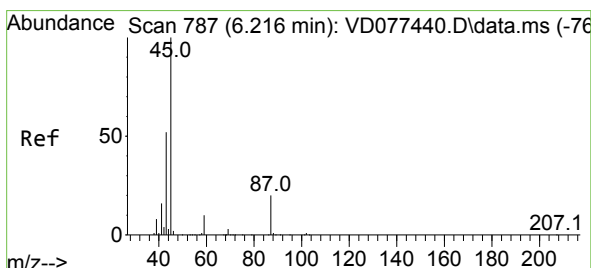
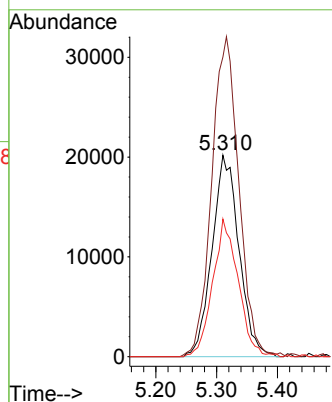
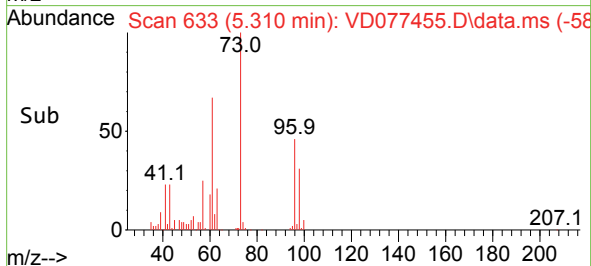


#21
trans-1,2-Dichloroethene
Concen: 19.794 ug/l
RT: 5.310 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077455.D
Acq: 31 Oct 2023 12:15

Instrument :
MSVOA_D
ClientSampleId :

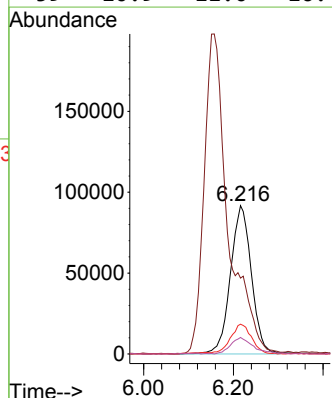
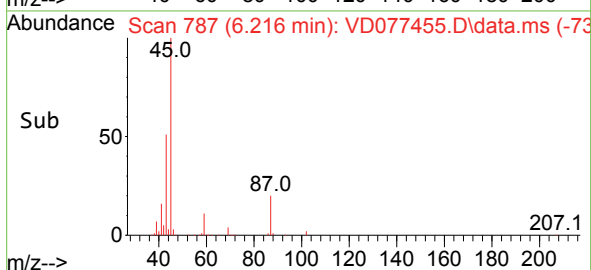
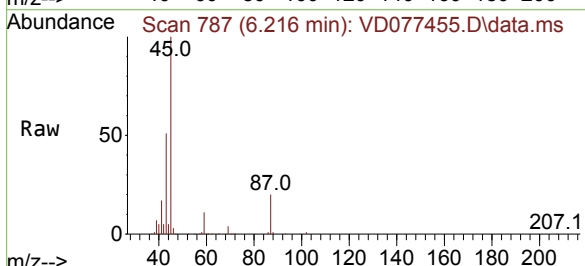


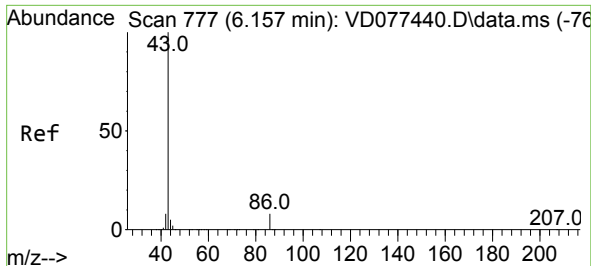
Tgt Ion: 96 Resp: 62085
Ion Ratio Lower Upper
96 100
61 148.7 89.3 133.9#
98 68.3 48.6 73.0



#22
Diisopropyl ether
Concen: 21.508 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.000 min
Lab File: VD077455.D
Acq: 31 Oct 2023 12:15

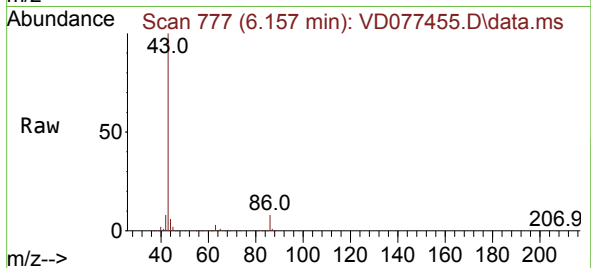
Tgt Ion: 45 Resp: 296990
Ion Ratio Lower Upper
45 100
43 50.7 40.0 60.0
87 19.8 28.2 42.4#
59 10.9 11.0 16.4#



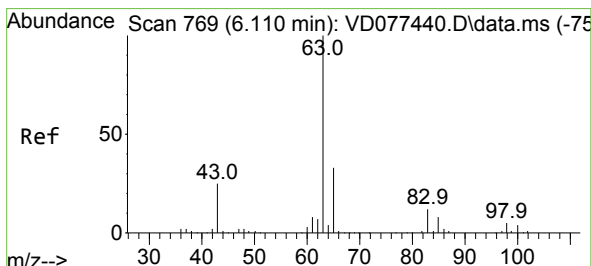
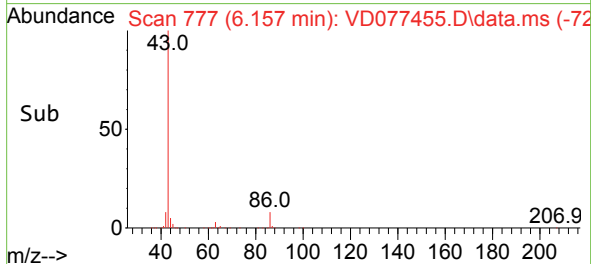
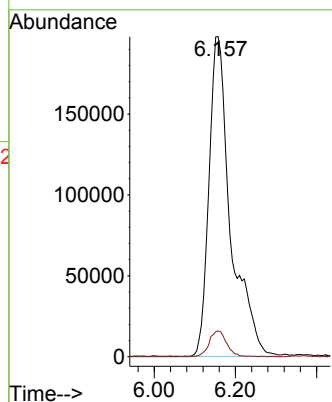


#23
 Vinyl Acetate
 Concen: 123.244 ug/l
 RT: 6.157 min Scan# 777
 Delta R.T. -0.000 min
 Lab File: VD077455.D
 Acq: 31 Oct 2023 12:15

Instrument :
 MSVOA_D
 ClientSampleId :

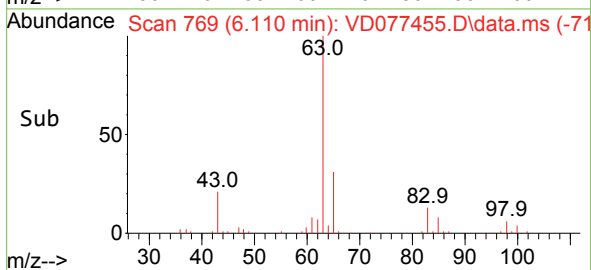
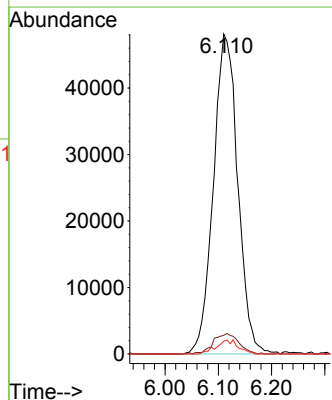
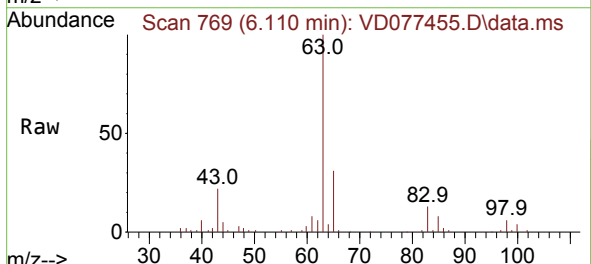


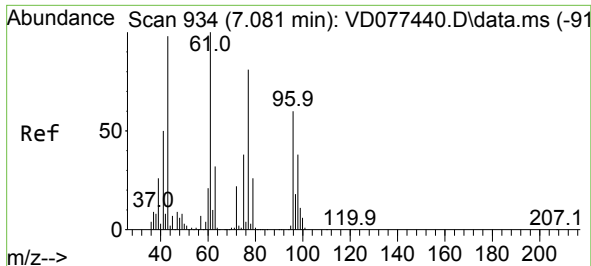
Tgt Ion: 43 Resp: 734184
 Ion Ratio Lower Upper
 43 100
 86 8.1 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 21.326 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VD077455.D
 Acq: 31 Oct 2023 12:15

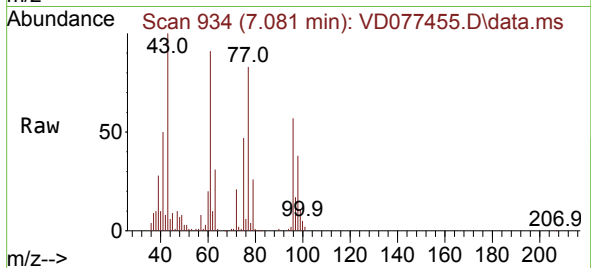
Tgt Ion: 63 Resp: 152801
 Ion Ratio Lower Upper
 63 100
 98 5.9 4.5 13.7
 100 4.0 2.5 7.5



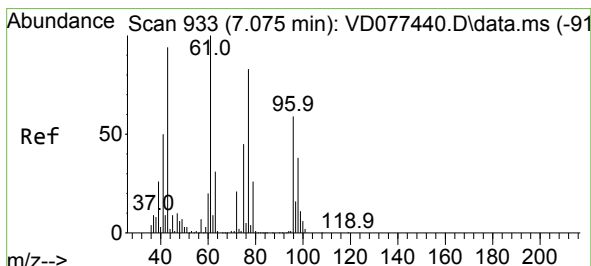
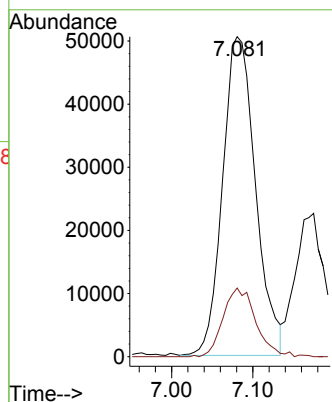
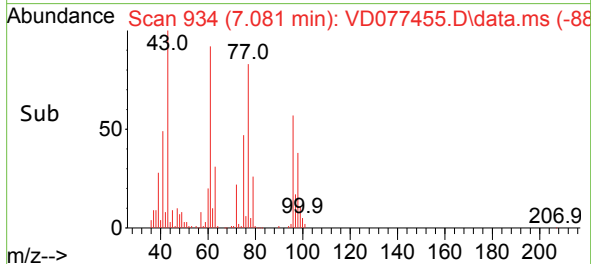


#25
2-Butanone
Concen: 105.857 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077455.D
Acq: 31 Oct 2023 12:15

Instrument :
MSVOA_D
ClientSampleId :

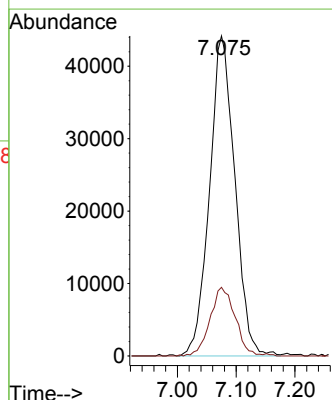
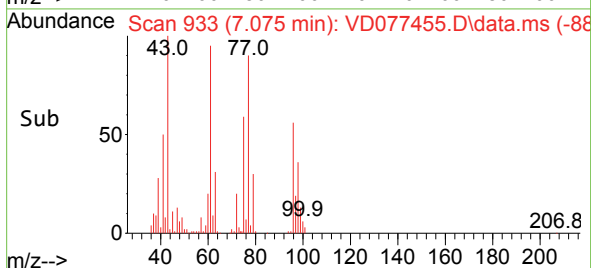
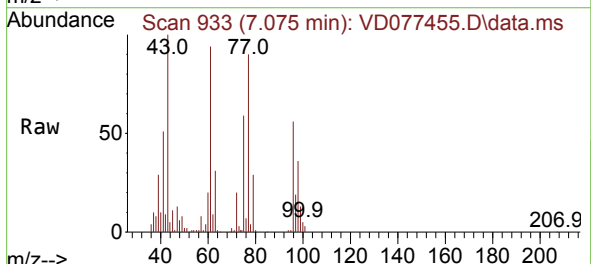


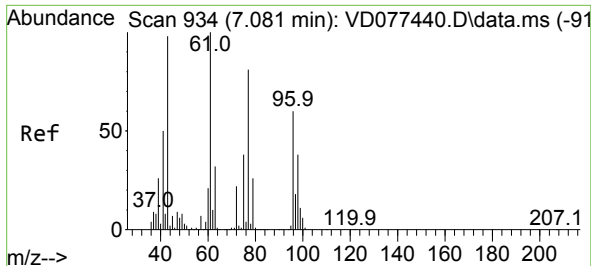
Tgt Ion: 43 Resp: 142409
Ion Ratio Lower Upper
43 100
72 21.5 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 20.822 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.000 min
Lab File: VD077455.D
Acq: 31 Oct 2023 12:15

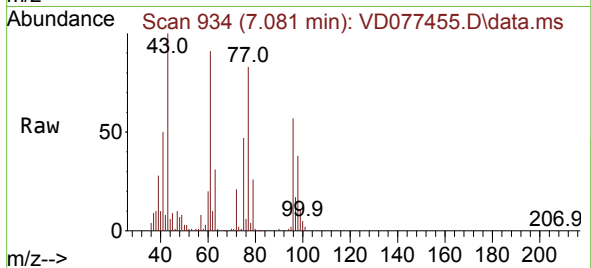
Tgt Ion: 77 Resp: 132210
Ion Ratio Lower Upper
77 100
97 21.2 13.2 39.6



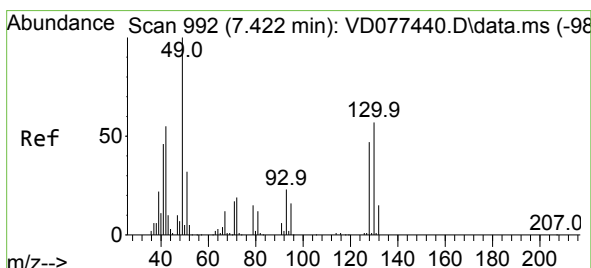
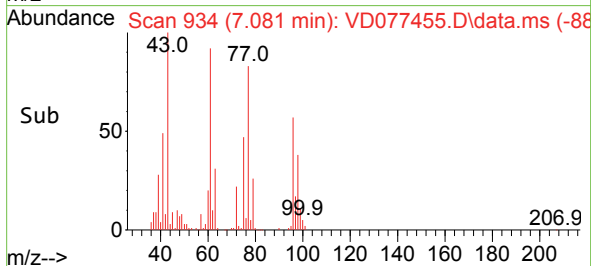
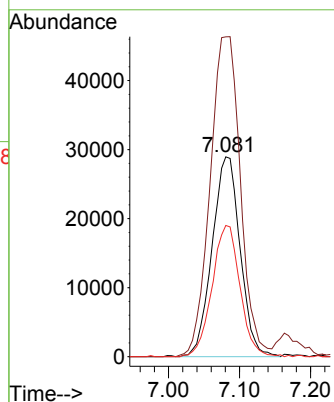


#27
 cis-1,2-Dichloroethene
 Concen: 20.388 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD077455.D
 Acq: 31 Oct 2023 12:15

Instrument :
 MSVOA_D
 ClientSampleId :

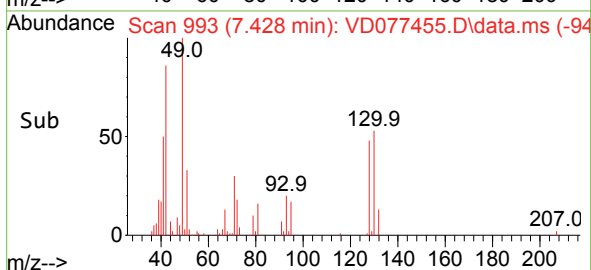
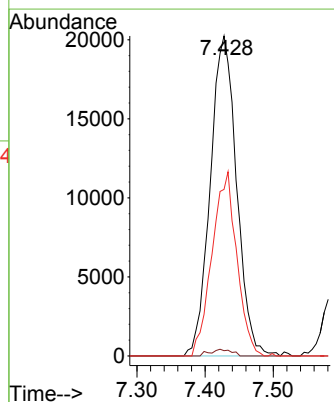
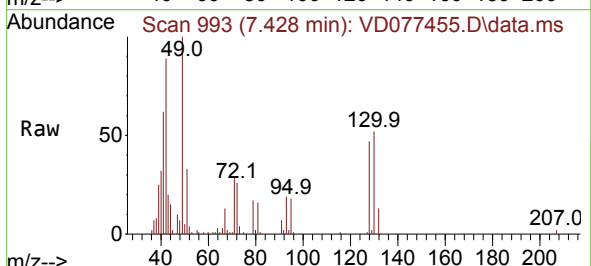


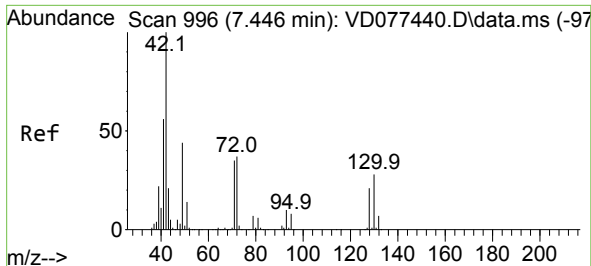
Tgt Ion: 96 Resp: 79225
 Ion Ratio Lower Upper
 96 100
 61 173.7 0.0 239.2
 98 65.5 0.0 128.6



#28
 Bromochloromethane
 Concen: 18.174 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD077455.D
 Acq: 31 Oct 2023 12:15

Tgt Ion: 49 Resp: 54490
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 6.0
 130 53.9 83.2 124.8#





#29

Tetrahydrofuran

Concen: 103.470 ug/l

RT: 7.439 min Scan# 995

Delta R.T. -0.006 min

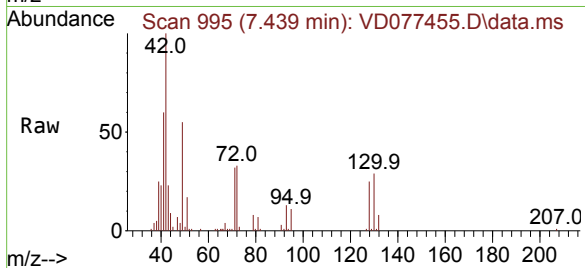
Lab File: VD077455.D

Acq: 31 Oct 2023 12:15

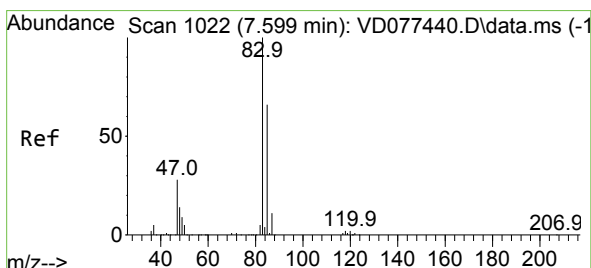
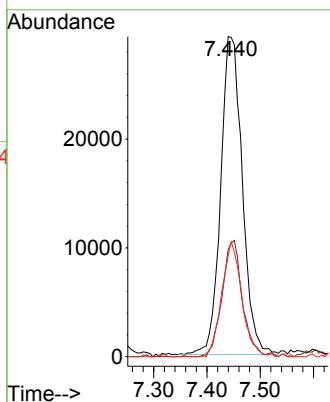
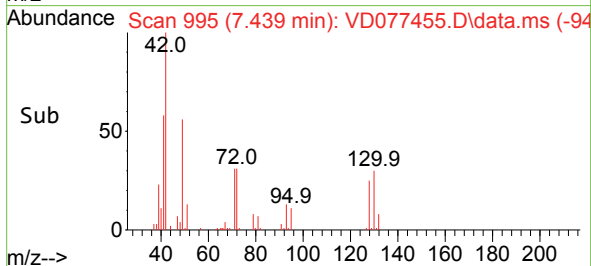
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	42	Resp:	82557
Ion Ratio	Lower	Upper	
42	100		
72	34.0	46.5	69.7#
71	33.6	44.5	66.7#



#30

Chloroform

Concen: 21.110 ug/l

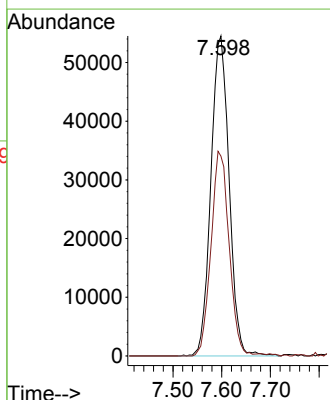
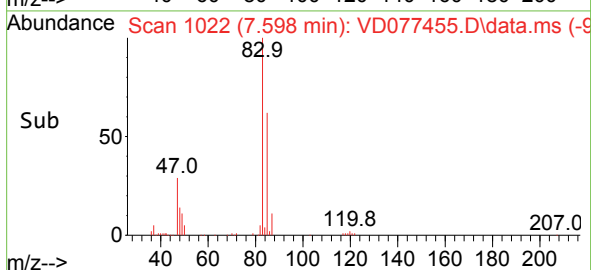
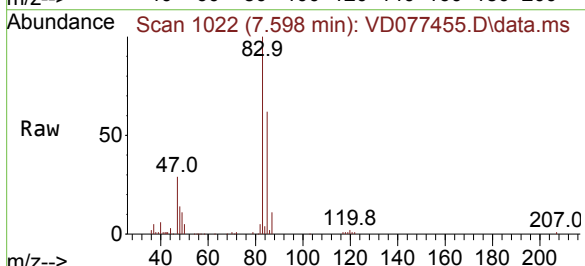
RT: 7.598 min Scan# 1022

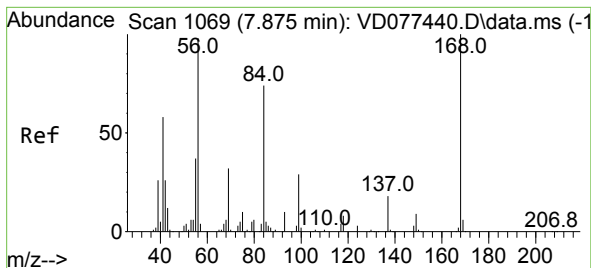
Delta R.T. -0.000 min

Lab File: VD077455.D

Acq: 31 Oct 2023 12:15

Tgt Ion:	83	Resp:	141226
Ion Ratio	Lower	Upper	
83	100		
85	62.4	53.4	80.2





#31

Cyclohexane

Concen: 19.704 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

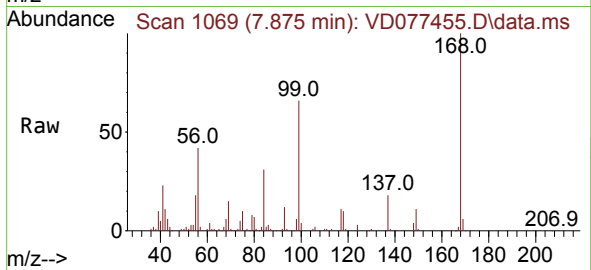
Lab File: VD077455.D

Acq: 31 Oct 2023 12:15

Instrument :

MSVOA_D

ClientSampleId :



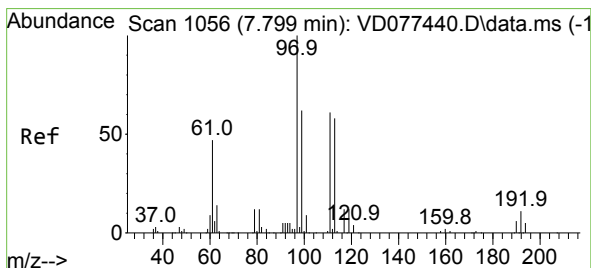
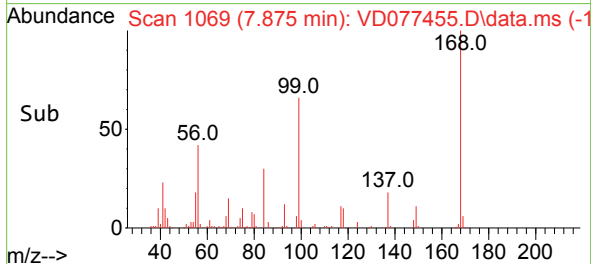
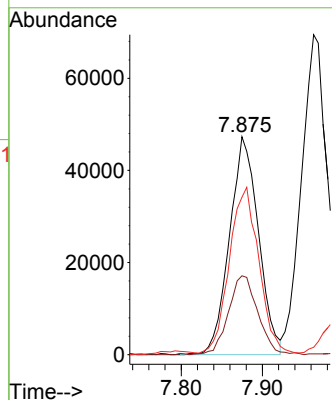
Tgt Ion: 56 Resp: 117403

Ion Ratio Lower Upper

56 100

69 35.6 28.6 43.0

84 70.7 84.8 127.2#



#32

1,1,1-Trichloroethane

Concen: 21.220 ug/l

RT: 7.798 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VD077455.D

Acq: 31 Oct 2023 12:15

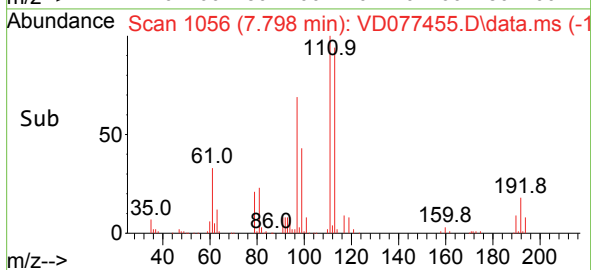
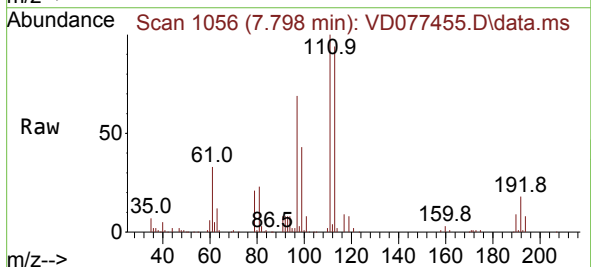
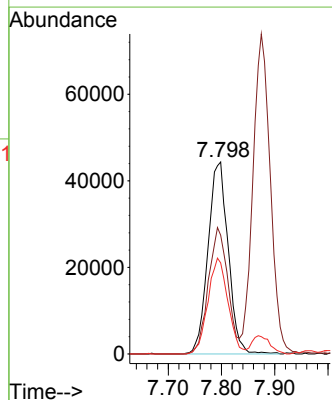
Tgt Ion: 97 Resp: 116965

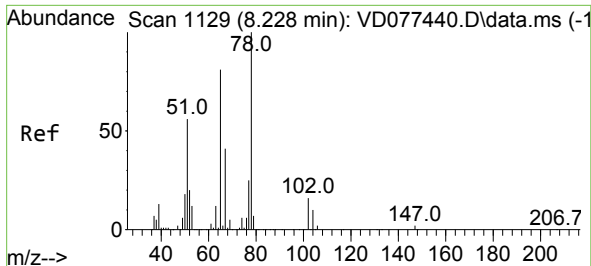
Ion Ratio Lower Upper

97 100

99 63.6 52.0 78.0

61 49.6 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 51.652 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

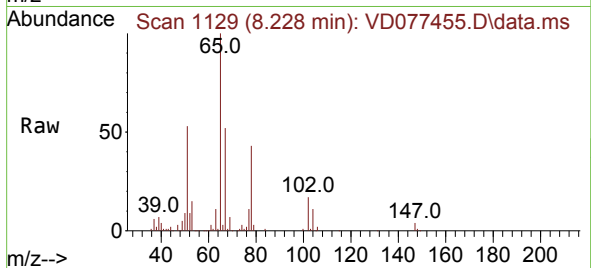
Lab File: VD077455.D

Acq: 31 Oct 2023 12:15

Instrument :

MSVOA_D

ClientSampleId :

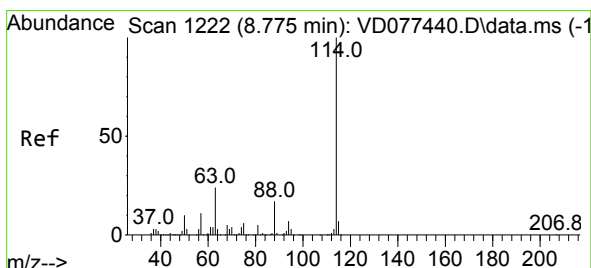
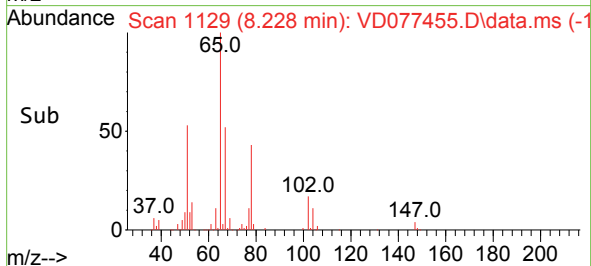
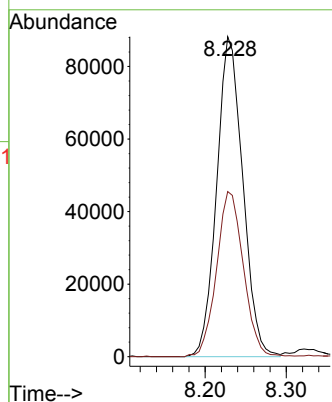


Tgt Ion: 65 Resp: 196874

Ion Ratio Lower Upper

65 100

67 53.1 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD077455.D

Acq: 31 Oct 2023 12:15

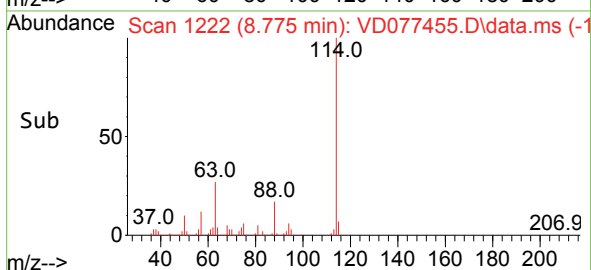
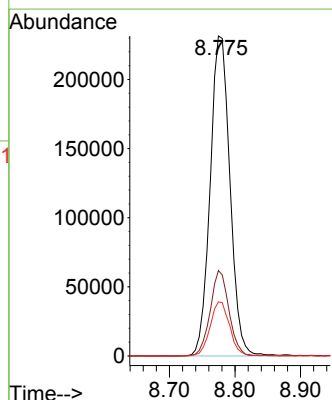
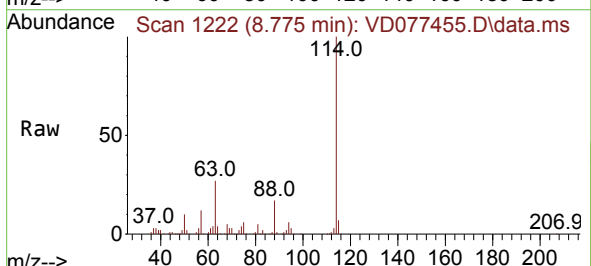
Tgt Ion: 114 Resp: 484973

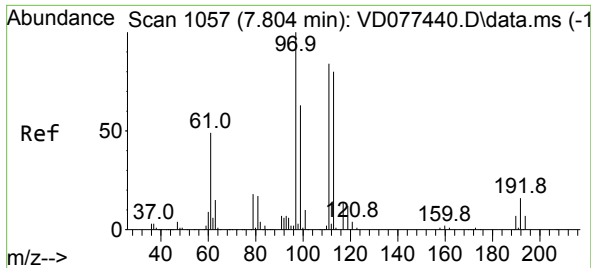
Ion Ratio Lower Upper

114 100

63 26.7 0.0 33.4

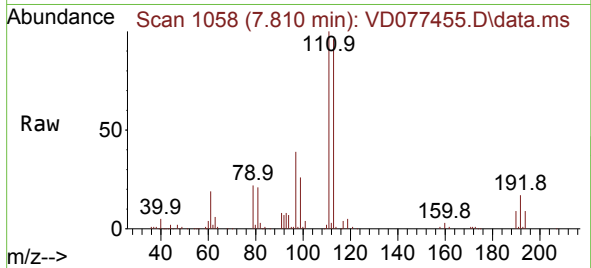
88 16.9 0.0 26.2



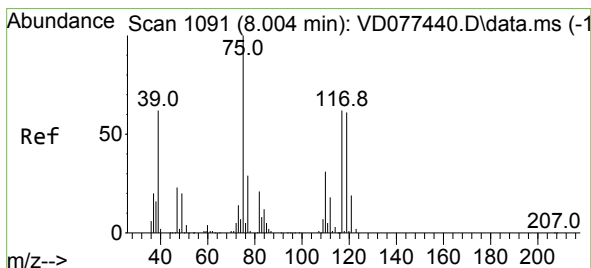
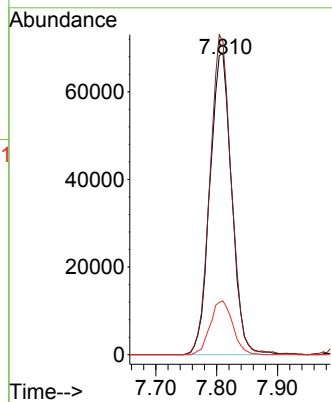
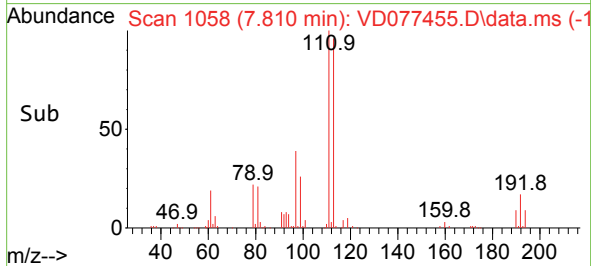


#35
 Dibromofluoromethane
 Concen: 50.987 ug/l
 RT: 7.810 min Scan# 1058
 Delta R.T. 0.006 min
 Lab File: VD077455.D
 Acq: 31 Oct 2023 12:15

Instrument :
 MSVOA_D
 ClientSampleId :

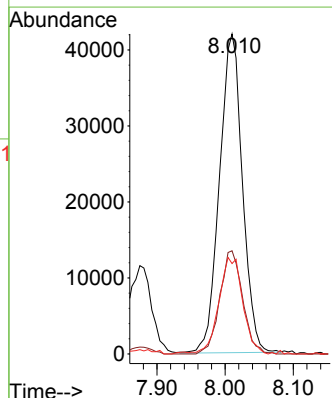
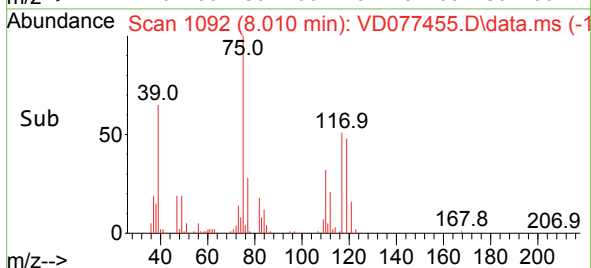
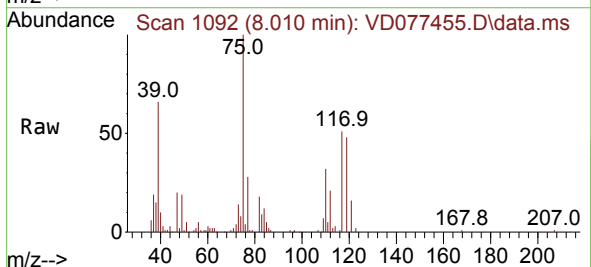


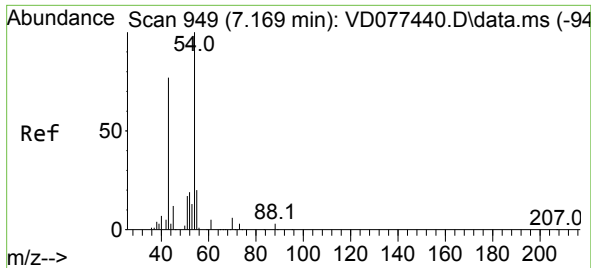
Tgt Ion:113 Resp: 170907
 Ion Ratio Lower Upper
 113 100
 111 104.5 84.7 127.1
 192 18.4 16.8 25.2



#36
 1,1-Dichloropropene
 Concen: 19.759 ug/l
 RT: 8.010 min Scan# 1092
 Delta R.T. 0.006 min
 Lab File: VD077455.D
 Acq: 31 Oct 2023 12:15

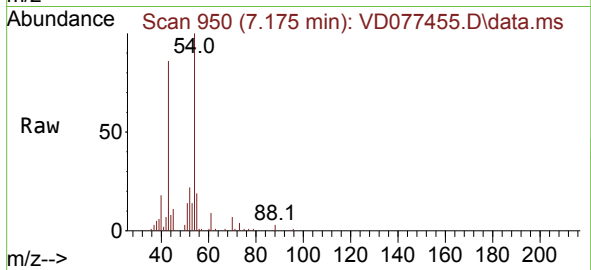
Tgt Ion: 75 Resp: 98200
 Ion Ratio Lower Upper
 75 100
 110 32.3 19.9 59.6
 77 31.5 24.7 37.1



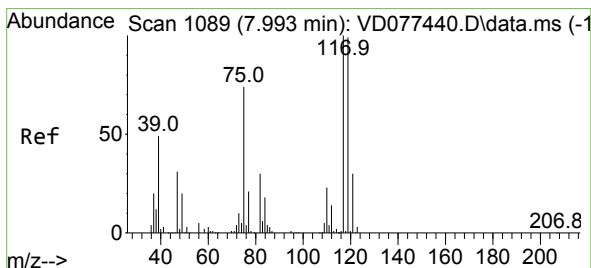
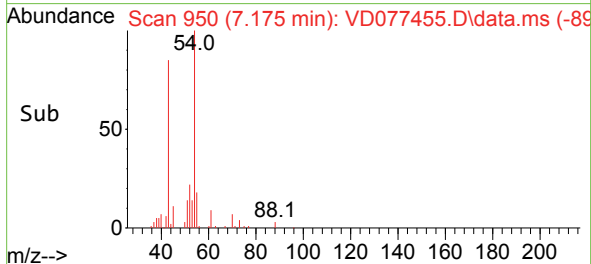
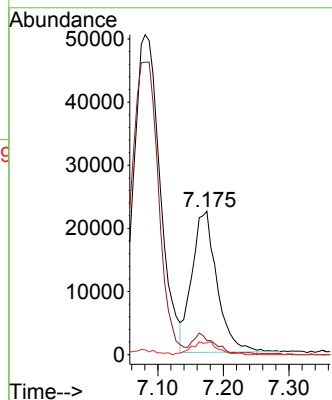


#37
Ethyl Acetate
Concen: 20.847 ug/l
RT: 7.175 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077455.D
Acq: 31 Oct 2023 12:15

Instrument :
MSVOA_D
ClientSampleId :

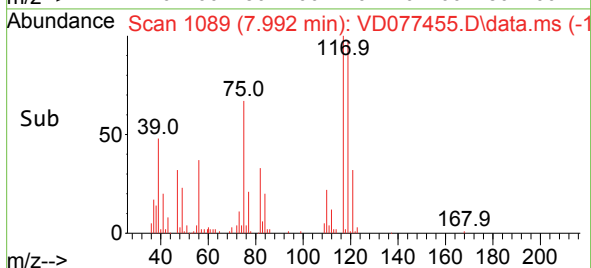
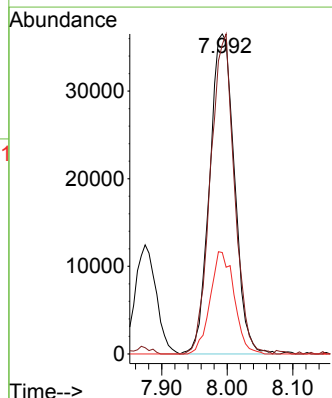
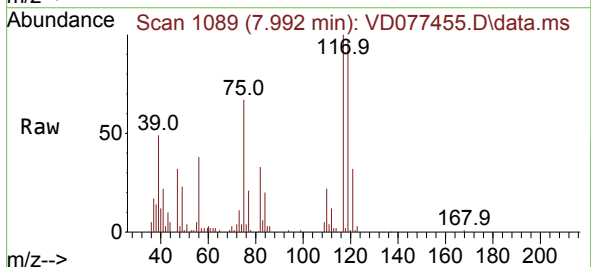


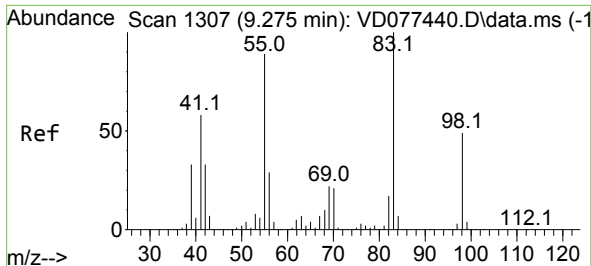
Tgt Ion: 43 Resp: 59458
Ion Ratio Lower Upper
43 100
61 11.4 14.9 22.3#
70 9.3 10.0 15.0#



#38
Carbon Tetrachloride
Concen: 20.469 ug/l
RT: 7.992 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD077455.D
Acq: 31 Oct 2023 12:15

Tgt Ion: 117 Resp: 95859
Ion Ratio Lower Upper
117 100
119 96.7 78.0 117.0
121 31.7 24.2 36.2

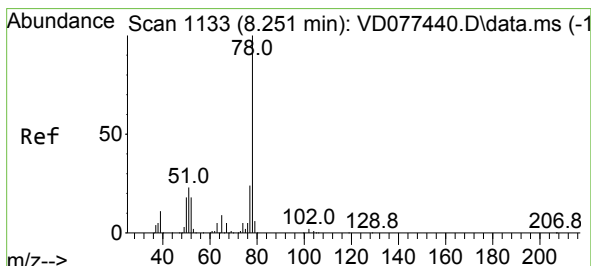
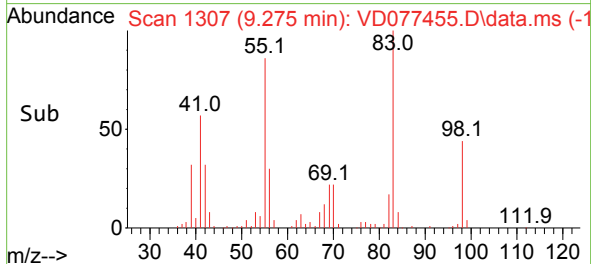
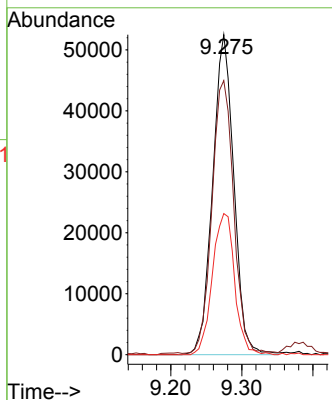
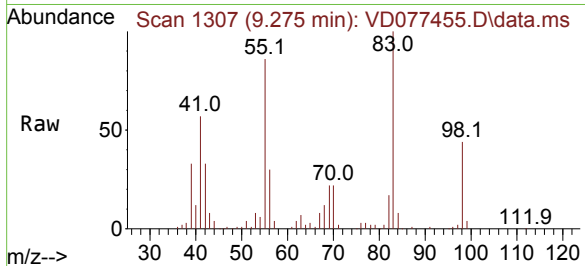




#39
Methylcyclohexane
Concen: 19.135 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. -0.000 min
Lab File: VD077455.D
Acq: 31 Oct 2023 12:15

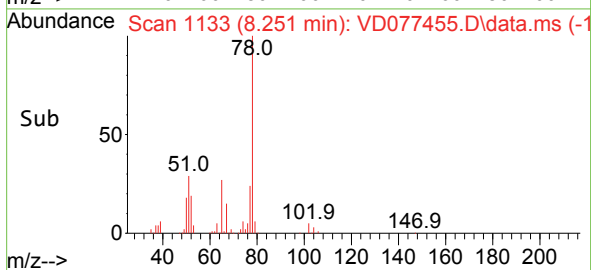
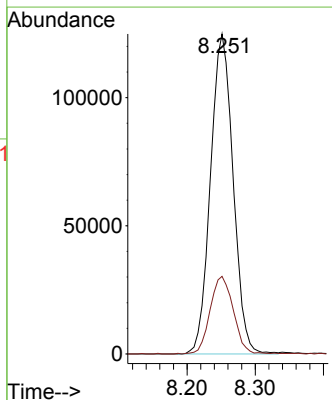
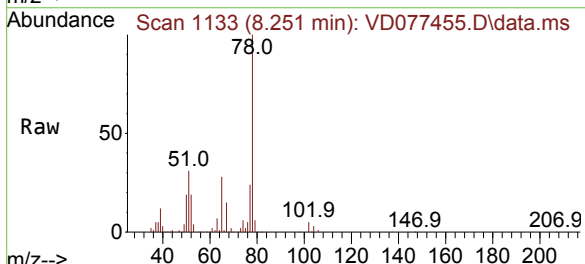
Instrument :
MSVOA_D
ClientSampleId :

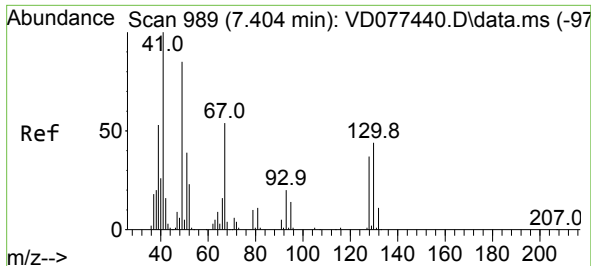
Tgt Ion: 83 Resp: 108503
Ion Ratio Lower Upper
83 100
55 85.0 49.4 74.0#
98 44.1 38.4 57.6



#40
Benzene
Concen: 20.351 ug/l
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD077455.D
Acq: 31 Oct 2023 12:15

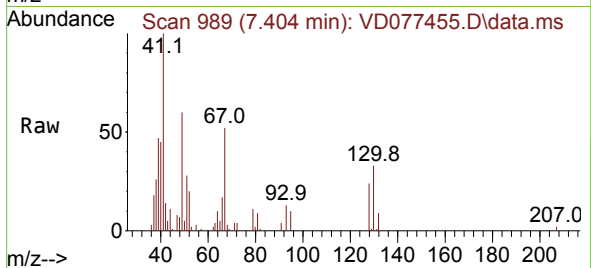
Tgt Ion: 78 Resp: 288403
Ion Ratio Lower Upper
78 100
77 24.1 19.4 29.0



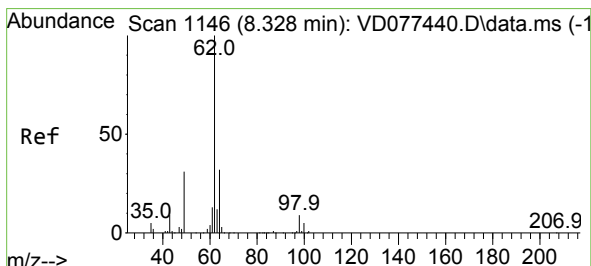
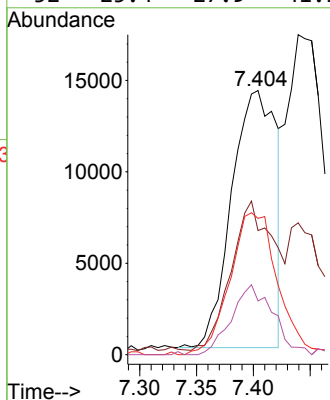
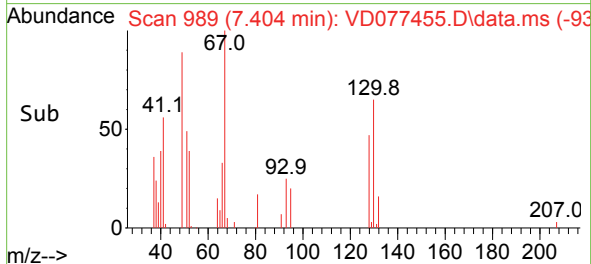


#41
Methacrylonitrile
Concen: 20.911 ug/l
RT: 7.404 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077455.D
Acq: 31 Oct 2023 12:15

Instrument :
MSVOA_D
ClientSampleId :

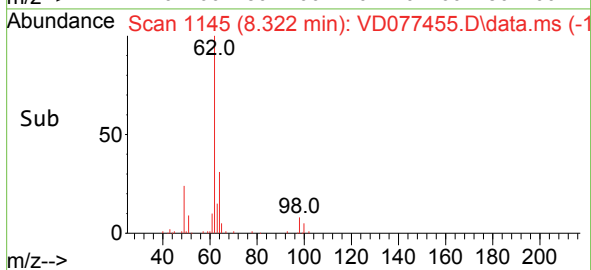
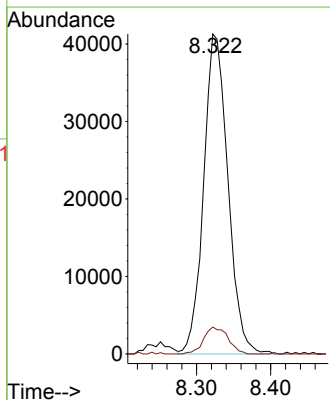
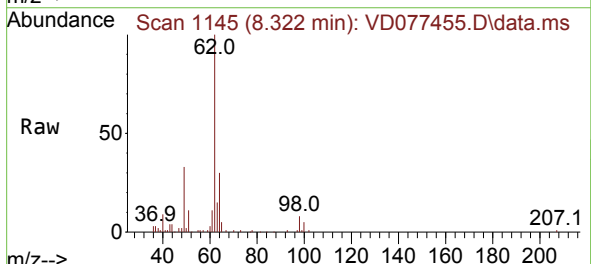


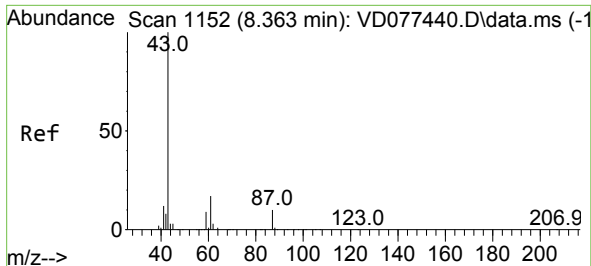
Tgt Ion: 41 Resp: 38161
Ion Ratio Lower Upper
41 100
39 57.6 34.0 51.0#
67 59.6 77.0 115.4#
52 25.4 27.9 41.9#



#42
1,2-Dichloroethane
Concen: 20.950 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD077455.D
Acq: 31 Oct 2023 12:15

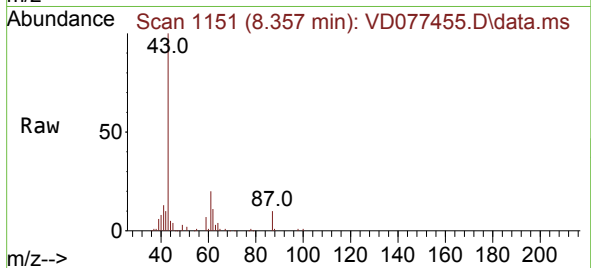
Tgt Ion: 62 Resp: 94032
Ion Ratio Lower Upper
62 100
98 8.4 0.0 25.4



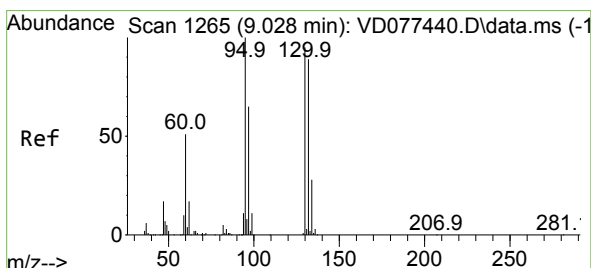
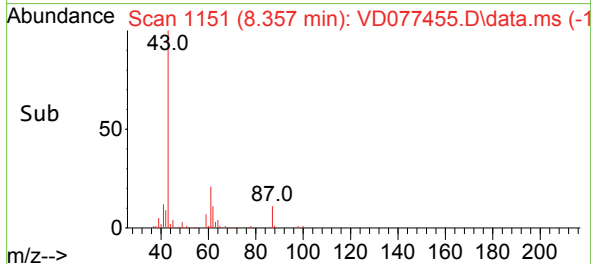
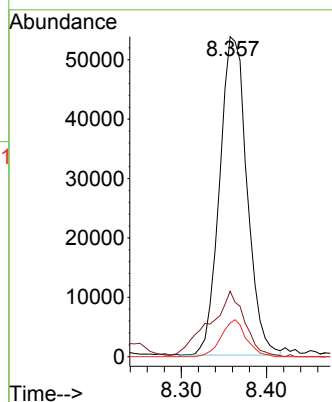


#43
Isopropyl Acetate
Concen: 20.327 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD077455.D
Acq: 31 Oct 2023 12:15

Instrument :
MSVOA_D
ClientSampleId :

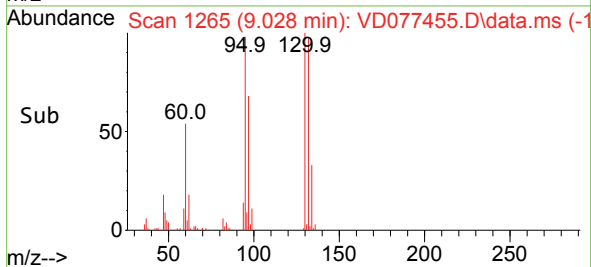
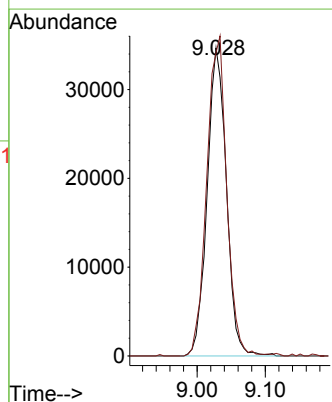
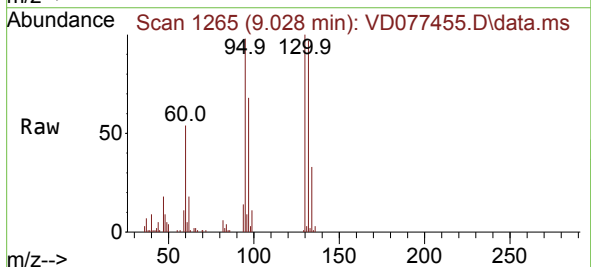


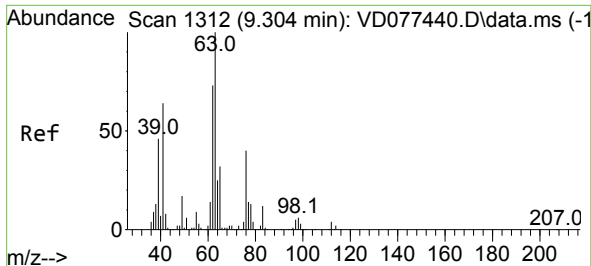
Tgt Ion: 43 Resp: 119636
Ion Ratio Lower Upper
43 100
61 26.5 31.4 47.0#
87 10.6 14.9 22.3#



#44
Trichloroethene
Concen: 19.649 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD077455.D
Acq: 31 Oct 2023 12:15

Tgt Ion:130 Resp: 68208
Ion Ratio Lower Upper
130 100
95 98.4 0.0 179.2





#45

1,2-Dichloropropane

Concen: 21.511 ug/l

RT: 9.304 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD077455.D

Acq: 31 Oct 2023 12:15

Instrument :

MSVOA_D

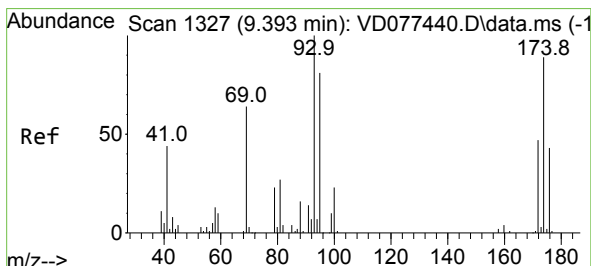
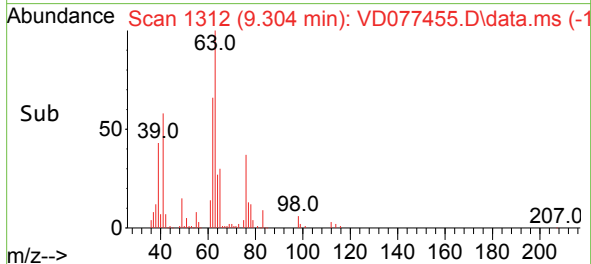
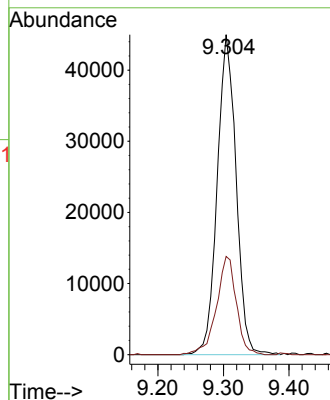
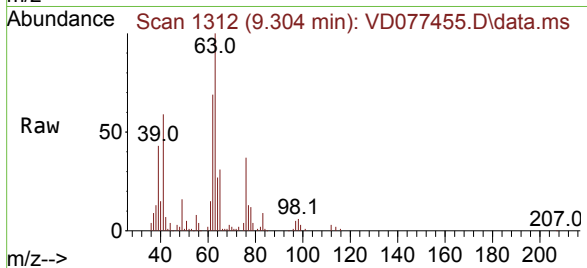
ClientSampleId :

Tgt Ion: 63 Resp: 89746

Ion Ratio Lower Upper

63 100

65 30.7 24.5 36.7



#46

Dibromomethane

Concen: 19.391 ug/l

RT: 9.398 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD077455.D

Acq: 31 Oct 2023 12:15

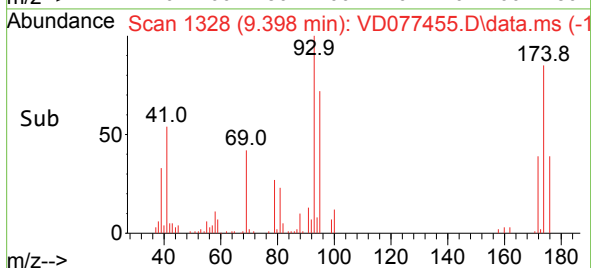
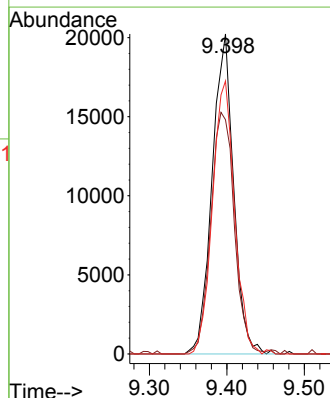
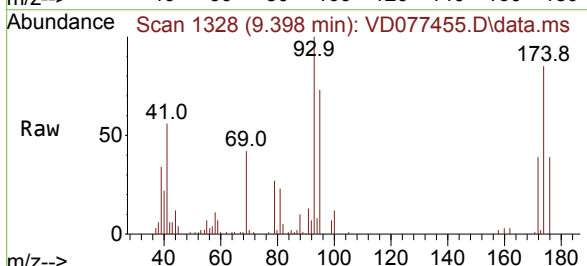
Tgt Ion: 93 Resp: 38933

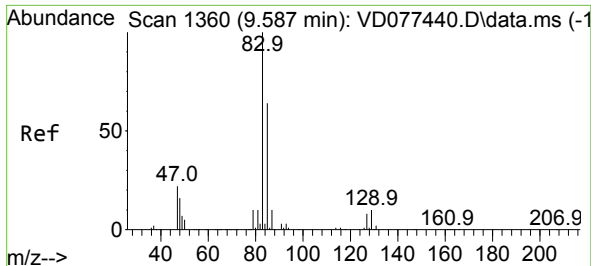
Ion Ratio Lower Upper

93 100

95 82.8 67.7 101.5

174 87.8 85.4 128.2





#47

Bromodichloromethane

Concen: 20.197 ug/l

RT: 9.586 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD077455.D

Acq: 31 Oct 2023 12:15

Instrument :

MSVOA_D

ClientSampleId :

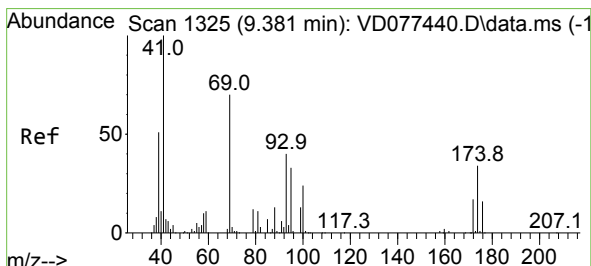
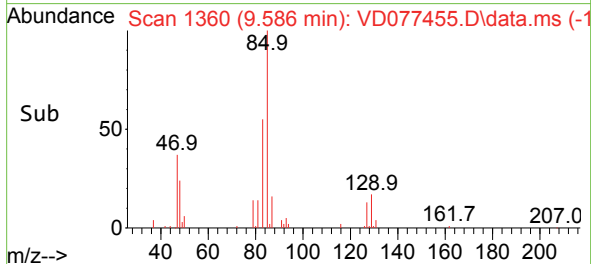
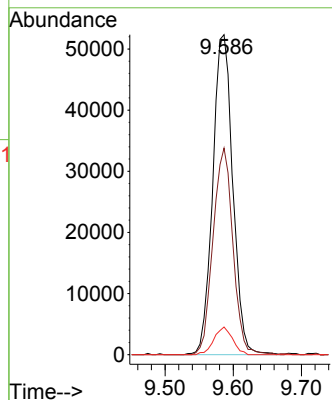
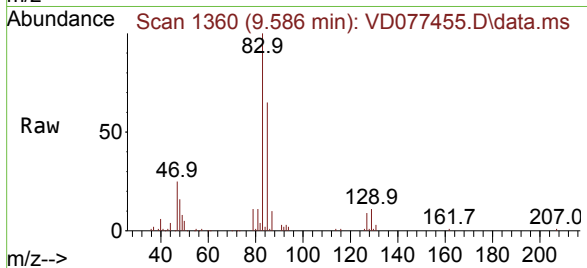
Tgt Ion: 83 Resp: 107184

Ion Ratio Lower Upper

83 100

85 64.5 50.2 75.4

127 8.6 6.3 9.5



#48

Methyl methacrylate

Concen: 20.599 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD077455.D

Acq: 31 Oct 2023 12:15

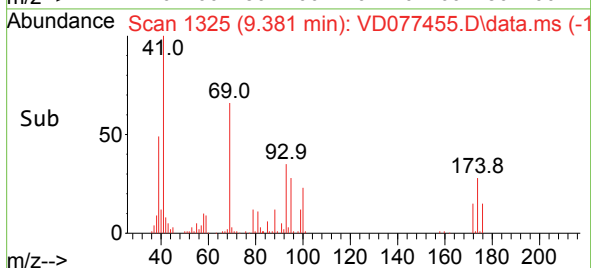
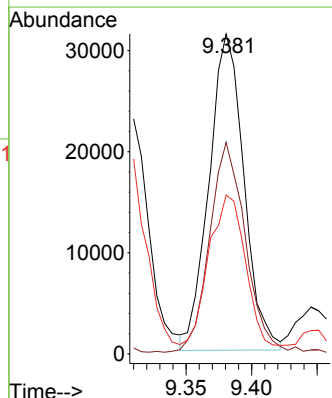
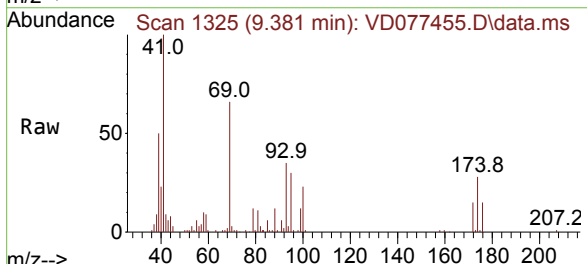
Tgt Ion: 41 Resp: 57873

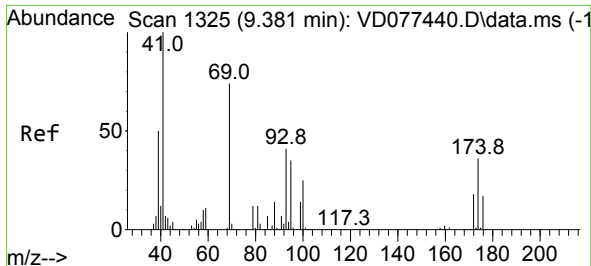
Ion Ratio Lower Upper

41 100

69 70.7 102.2 153.2#

39 53.9 41.4 62.2





#49

1,4-Dioxane

Concen: 404.686 ug/l

RT: 9.386 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077455.D

Acq: 31 Oct 2023 12:15

Instrument :

MSVOA_D

ClientSampleId :

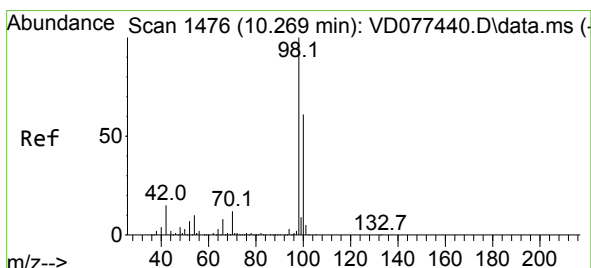
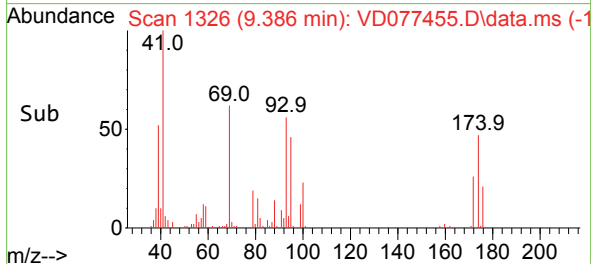
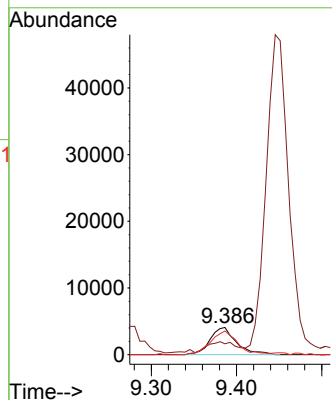
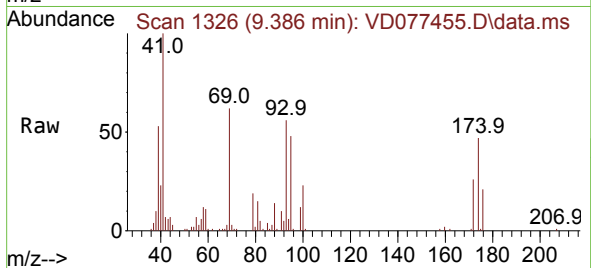
Tgt Ion: 88 Resp: 8731

Ion Ratio Lower Upper

88 100

43 45.9 19.0 28.6#

58 89.8 43.5 65.3#



#50

Toluene-d8

Concen: 51.956 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD077455.D

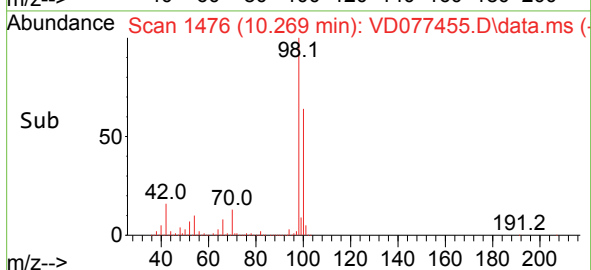
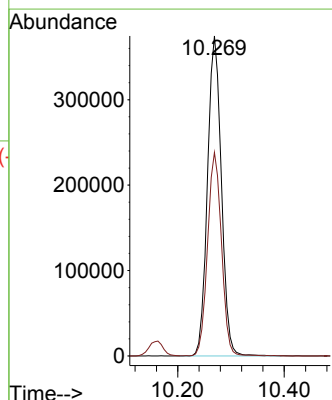
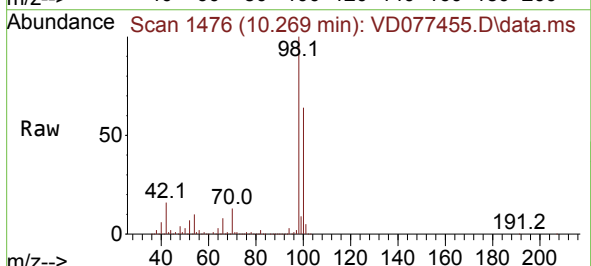
Acq: 31 Oct 2023 12:15

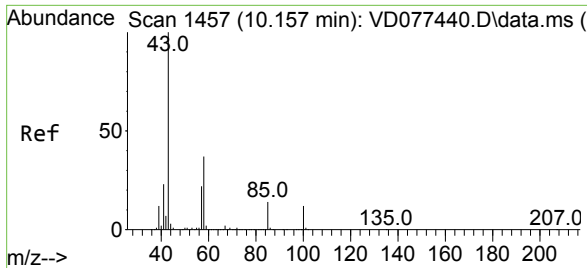
Tgt Ion: 98 Resp: 676460

Ion Ratio Lower Upper

98 100

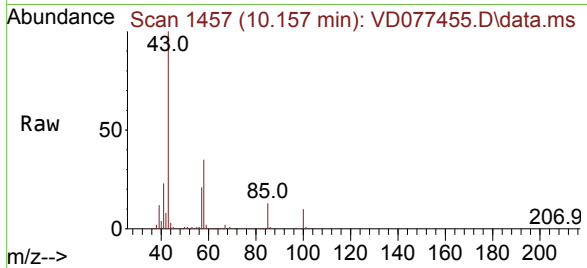
100 63.4 50.3 75.5



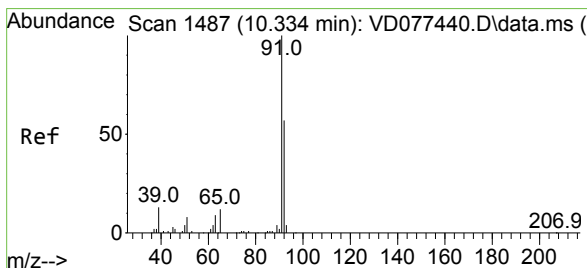
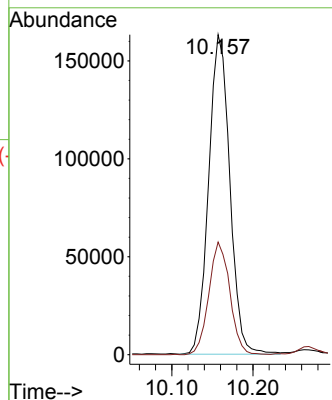
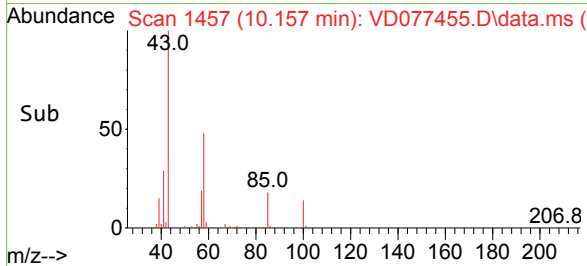


#51
4-Methyl-2-Pentanone
Concen: 102.082 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD077455.D
Acq: 31 Oct 2023 12:15

Instrument :
MSVOA_D
ClientSampleId :

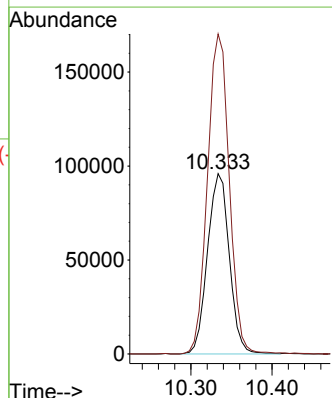
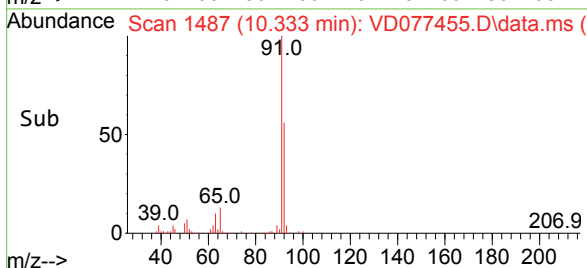
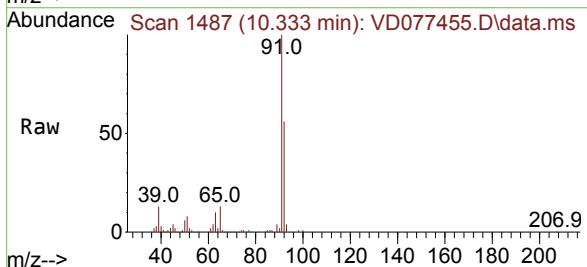


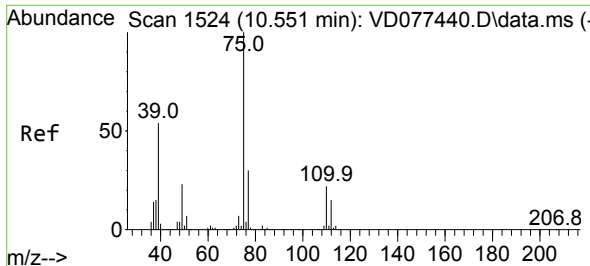
Tgt Ion: 43 Resp: 295733
Ion Ratio Lower Upper
43 100
58 35.0 38.9 58.3#



#52
Toluene
Concen: 20.711 ug/l
RT: 10.333 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077455.D
Acq: 31 Oct 2023 12:15

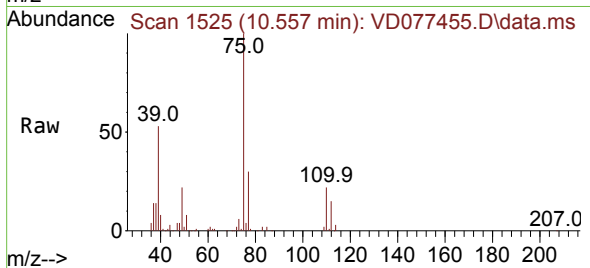
Tgt Ion: 92 Resp: 178930
Ion Ratio Lower Upper
92 100
91 177.6 143.0 214.4



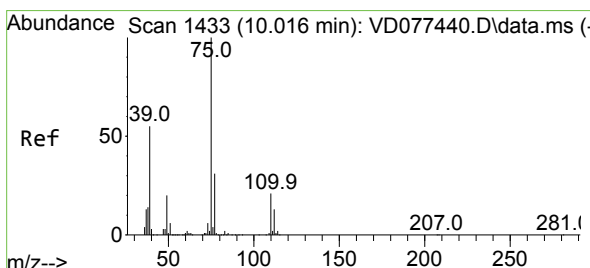
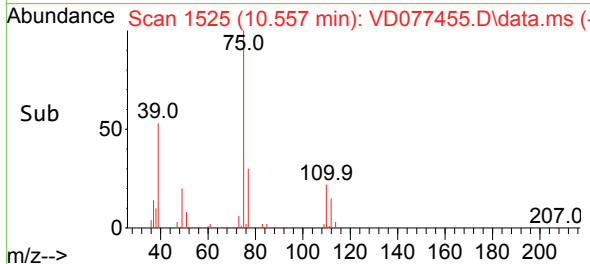
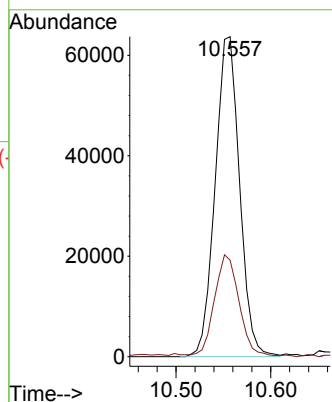


#53
 t-1,3-Dichloropropene
 Concen: 20.299 ug/l
 RT: 10.557 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VD077455.D
 Acq: 31 Oct 2023 12:15

Instrument :
 MSVOA_D
 ClientSampleId :

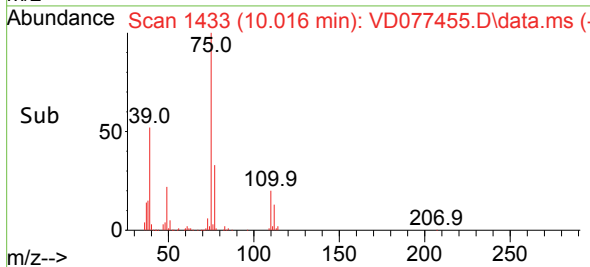
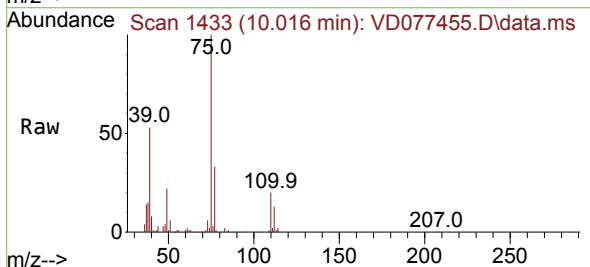
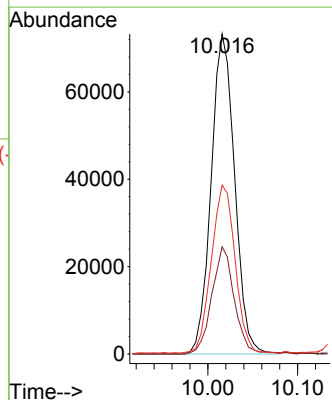


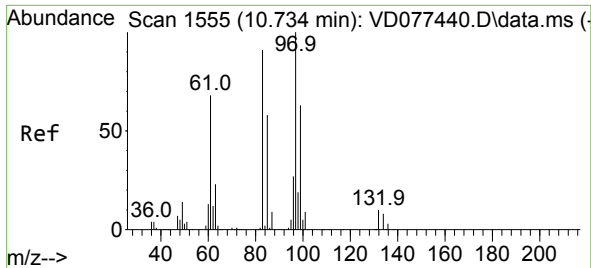
Tgt Ion: 75 Resp: 114070
 Ion Ratio Lower Upper
 75 100
 77 29.8 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 20.582 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD077455.D
 Acq: 31 Oct 2023 12:15

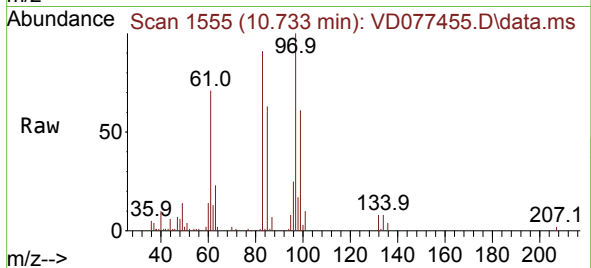
Tgt Ion: 75 Resp: 133099
 Ion Ratio Lower Upper
 75 100
 77 33.5 25.5 38.3
 39 52.5 22.1 33.1#



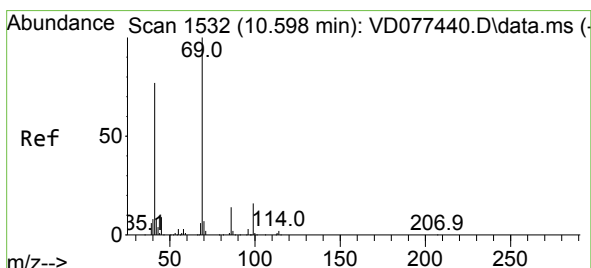
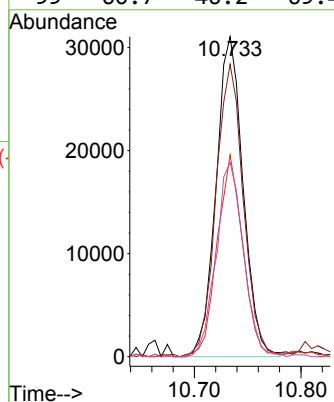
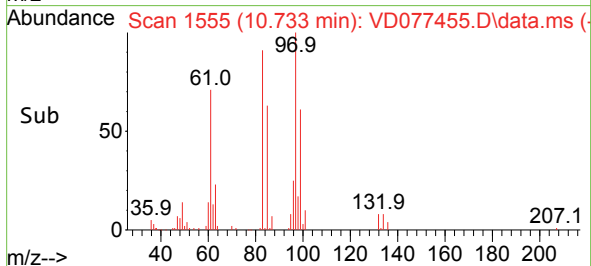


#55
1,1,2-Trichloroethane
Concen: 20.465 ug/l
RT: 10.733 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077455.D
Acq: 31 Oct 2023 12:15

Instrument :
MSVOA_D
ClientSampleId :

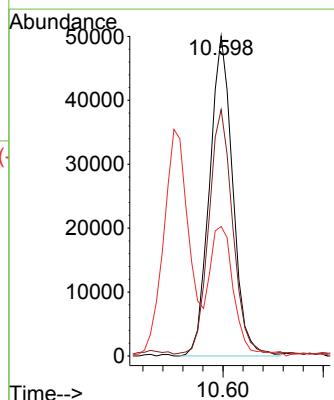
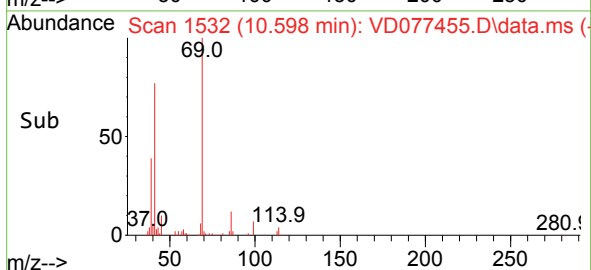
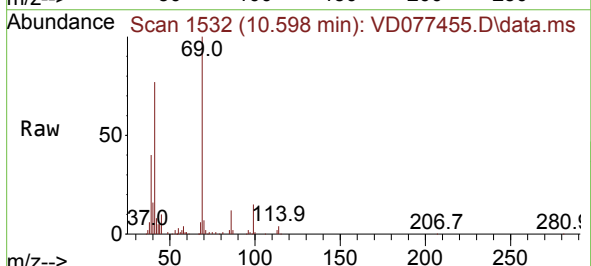


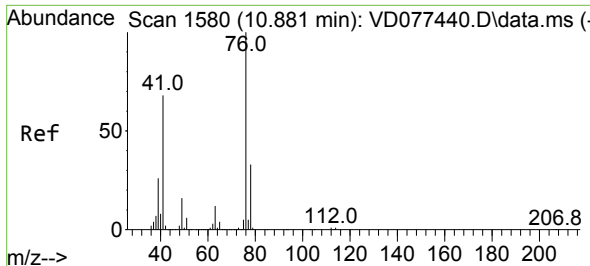
Tgt Ion:	97	Resp:	54822
Ion	Ratio	Lower	Upper
97	100		
83	91.3	65.8	98.6
85	63.1	45.7	68.5
99	60.7	46.2	69.4



#56
Ethyl methacrylate
Concen: 20.222 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD077455.D
Acq: 31 Oct 2023 12:15

Tgt Ion:	69	Resp:	80540
Ion	Ratio	Lower	Upper
69	100		
41	78.1	39.1	58.7#
39	41.2	20.0	30.0#

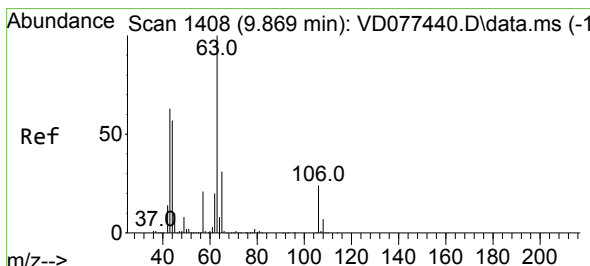
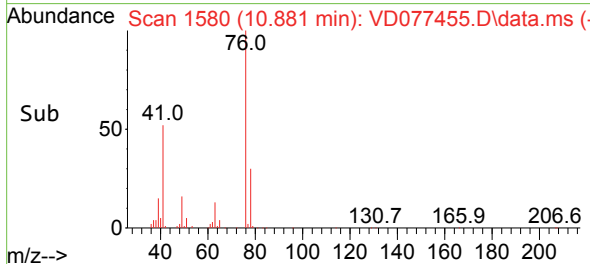
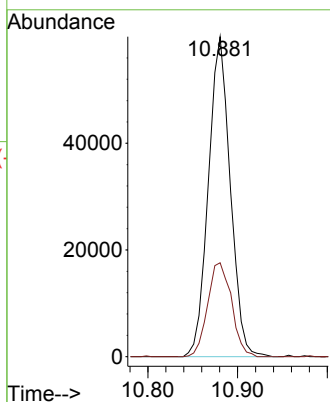
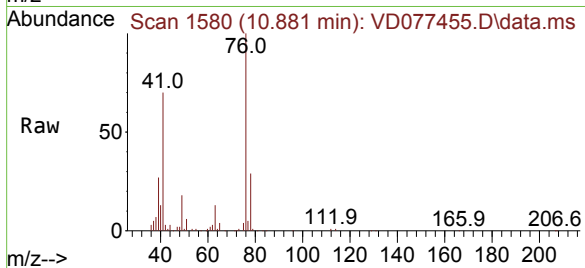




#57
1,3-Dichloropropane
Concen: 20.285 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD077455.D
Acq: 31 Oct 2023 12:15

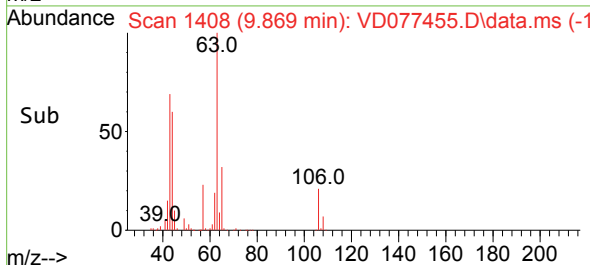
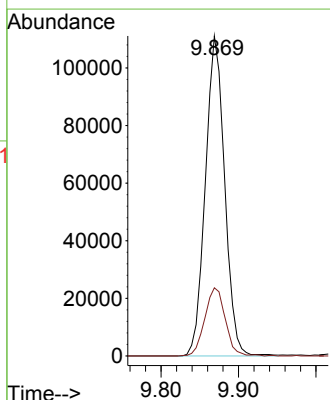
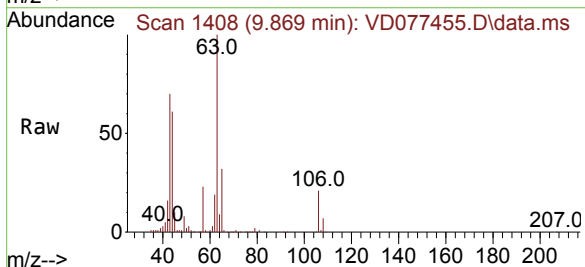
Instrument :
MSVOA_D
ClientSampleId :

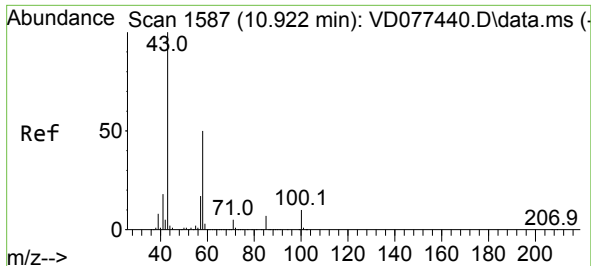
Tgt Ion: 76 Resp: 101566
Ion Ratio Lower Upper
76 100
78 32.0 26.4 39.6



#58
2-Chloroethyl Vinyl ether
Concen: 96.437 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. -0.000 min
Lab File: VD077455.D
Acq: 31 Oct 2023 12:15

Tgt Ion: 63 Resp: 192291
Ion Ratio Lower Upper
63 100
106 22.6 25.3 37.9#

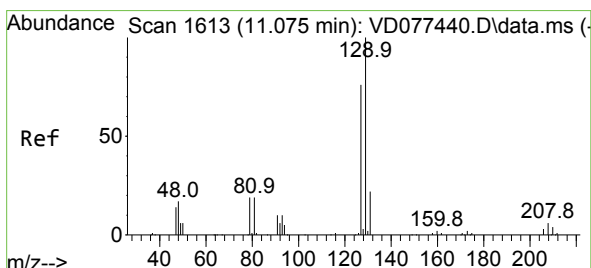
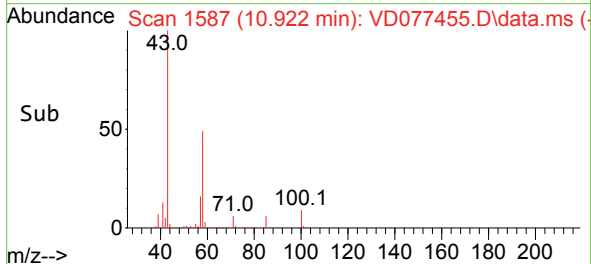
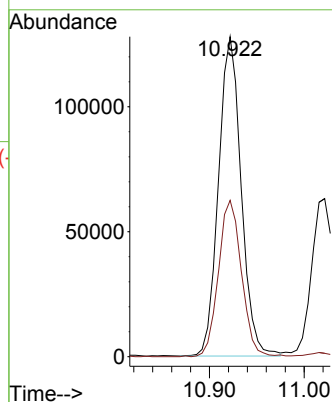
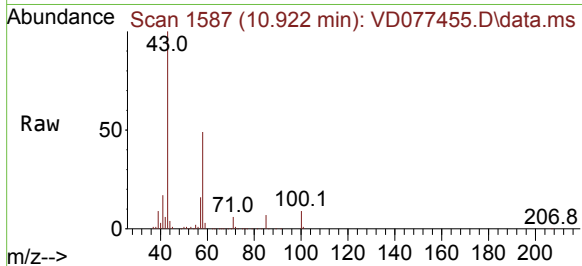




#59
2-Hexanone
Concen: 99.711 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077455.D
Acq: 31 Oct 2023 12:15

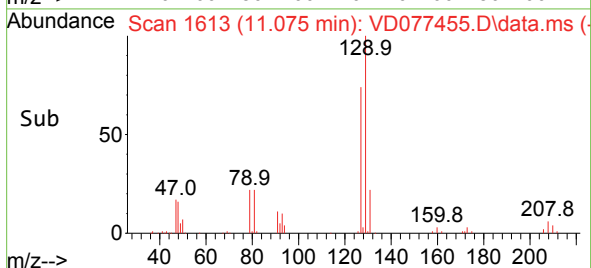
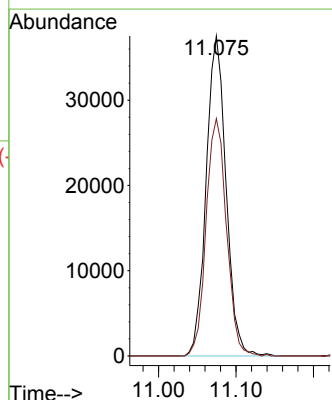
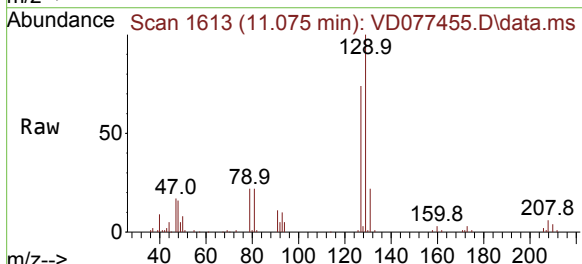
Instrument :
MSVOA_D
ClientSampleId :

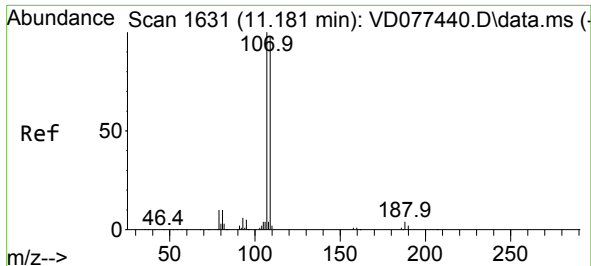
Tgt Ion: 43 Resp: 212796
Ion Ratio Lower Upper
43 100
58 49.8 34.1 102.2



#60
Dibromochloromethane
Concen: 20.763 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077455.D
Acq: 31 Oct 2023 12:15

Tgt Ion: 129 Resp: 66881
Ion Ratio Lower Upper
129 100
127 76.0 37.1 111.5

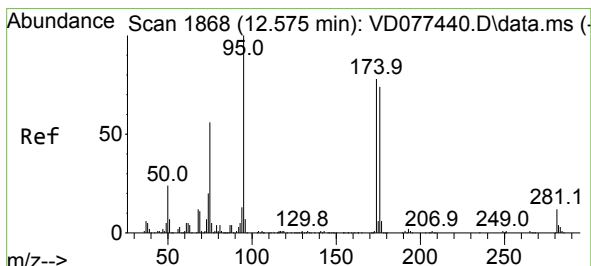
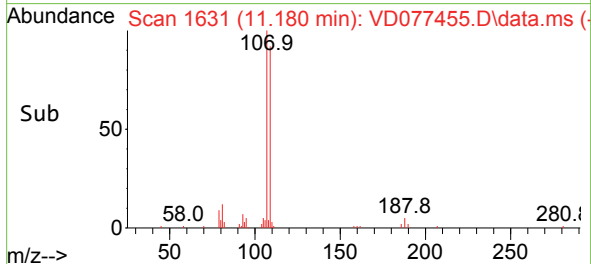
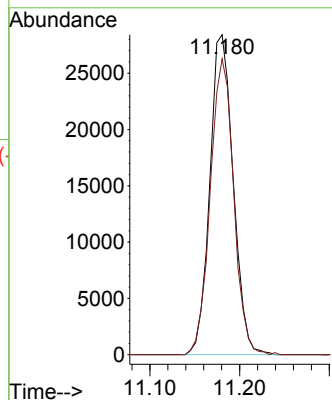
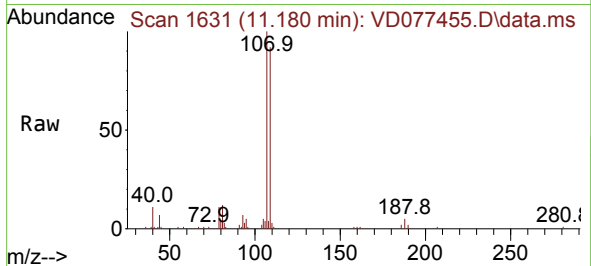




#61
1,2-Dibromoethane
Concen: 20.289 ug/l
RT: 11.180 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077455.D
Acq: 31 Oct 2023 12:15

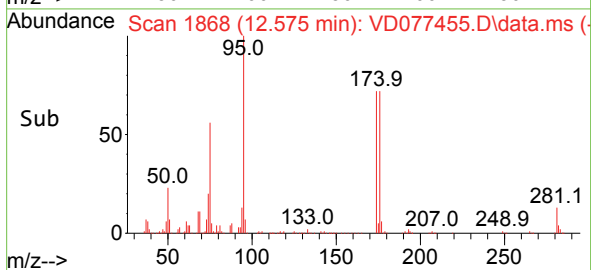
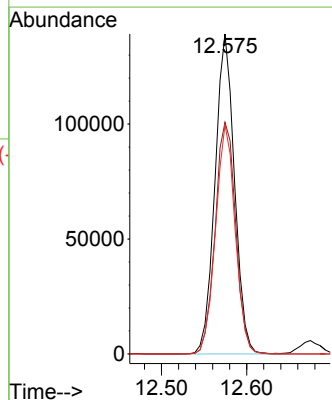
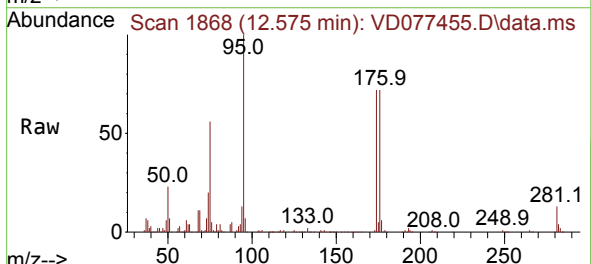
Instrument :
MSVOA_D
ClientSampleId :

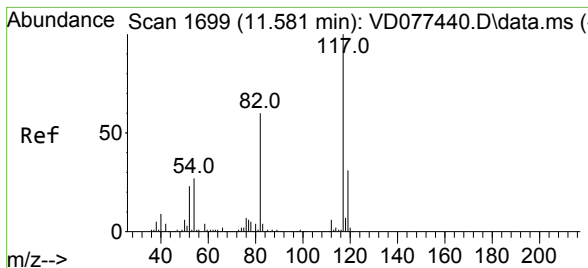
Tgt Ion:107 Resp: 51468
Ion Ratio Lower Upper
107 100
109 92.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 50.375 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077455.D
Acq: 31 Oct 2023 12:15

Tgt Ion: 95 Resp: 220901
Ion Ratio Lower Upper
95 100
174 76.2 0.0 201.8
176 72.1 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.580 min Scan# 1

Delta R.T. -0.000 min

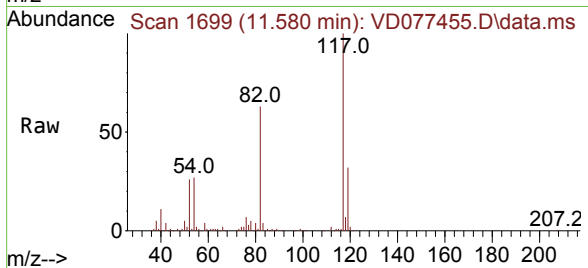
Lab File: VD077455.D

Acq: 31 Oct 2023 12:15

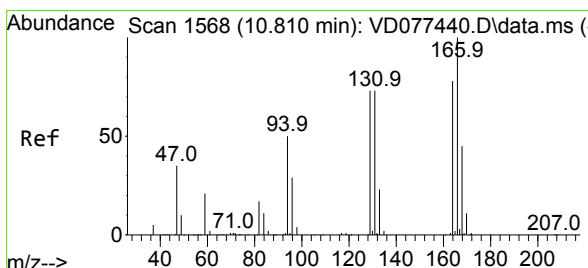
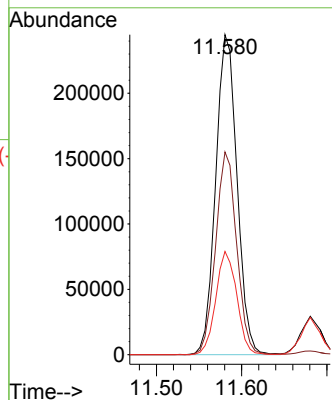
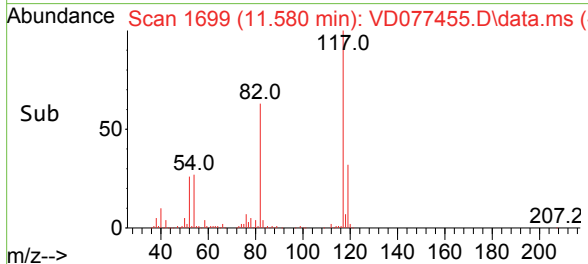
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	117	Resp:	427100
Ion	Ratio	Lower	Upper
117	100		
82	63.2	38.3	57.5#
119	32.3	25.0	37.4



#64

Tetrachloroethene

Concen: 19.622 ug/l

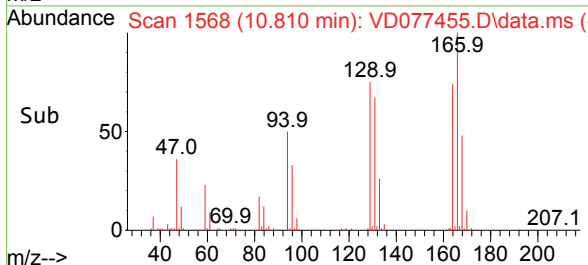
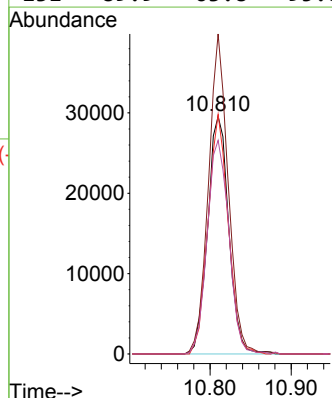
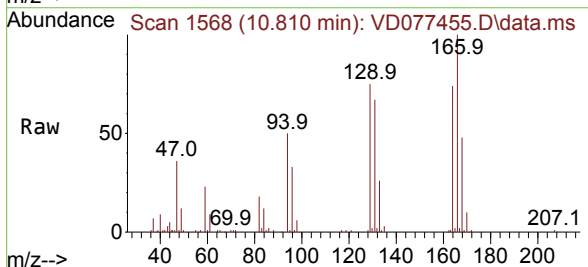
RT: 10.810 min Scan# 1568

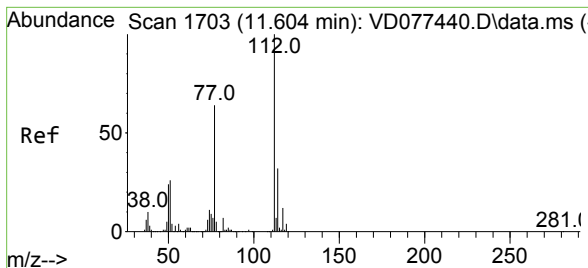
Delta R.T. -0.000 min

Lab File: VD077455.D

Acq: 31 Oct 2023 12:15

Tgt Ion:	164	Resp:	53356
Ion	Ratio	Lower	Upper
164	100		
166	134.6	99.2	148.8
129	100.8	68.4	102.6
131	89.9	63.8	95.8





#65

Chlorobenzene

Concen: 20.412 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VD077455.D

Acq: 31 Oct 2023 12:15

Instrument :

MSVOA_D

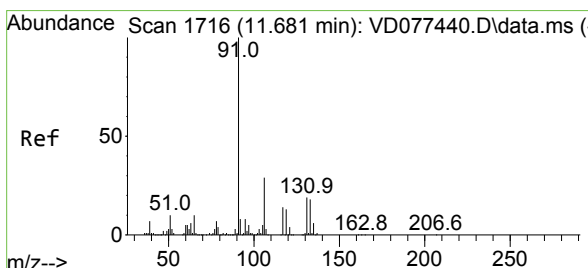
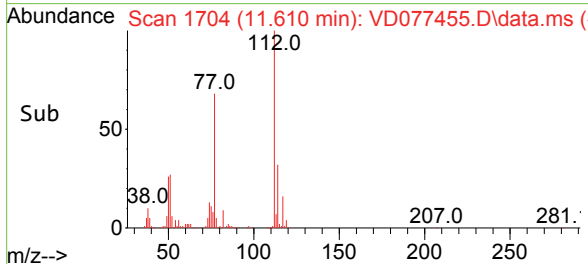
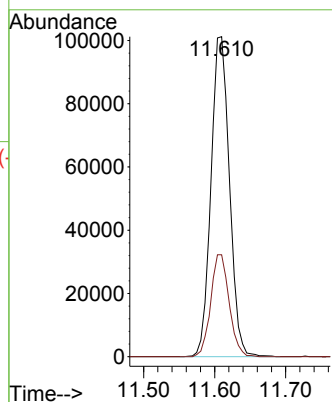
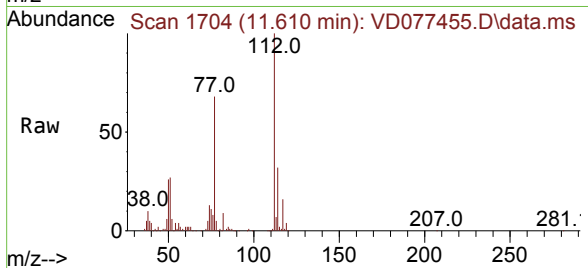
ClientSampleId :

Tgt Ion:112 Resp: 182645

Ion Ratio Lower Upper

112 100

114 31.8 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 20.136 ug/l

RT: 11.680 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD077455.D

Acq: 31 Oct 2023 12:15

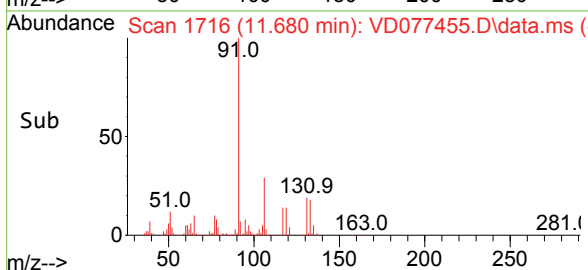
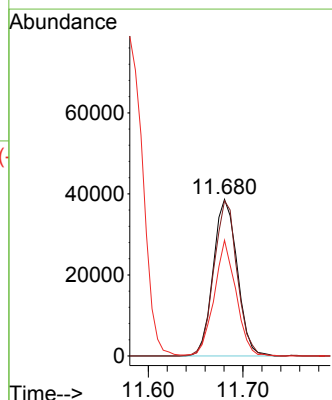
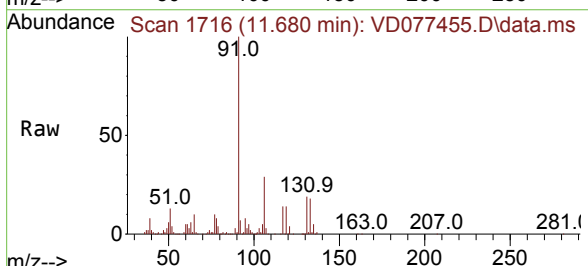
Tgt Ion:131 Resp: 68086

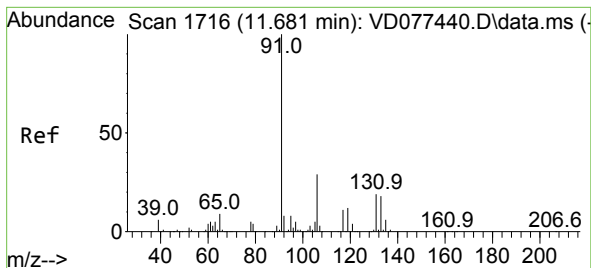
Ion Ratio Lower Upper

131 100

133 96.3 48.5 145.5

119 67.3 35.6 106.9





#67

Ethyl Benzene

Concen: 21.143 ug/l

RT: 11.686 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD077455.D

Acq: 31 Oct 2023 12:15

Instrument :

MSVOA_D

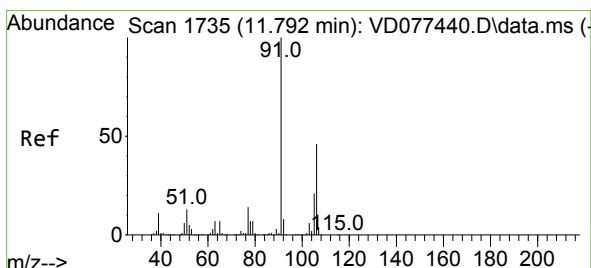
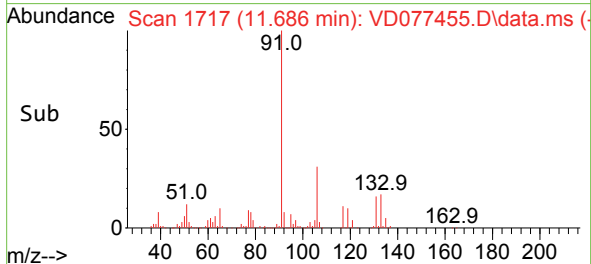
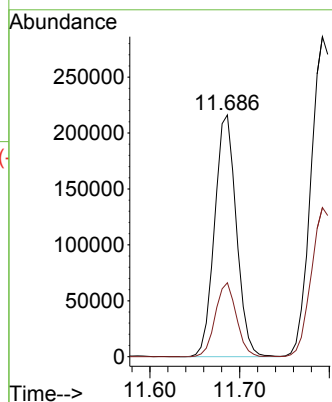
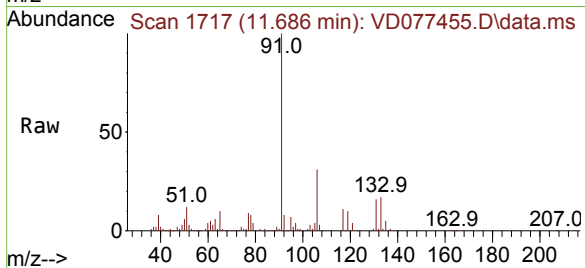
ClientSampleId :

Tgt Ion: 91 Resp: 364010

Ion Ratio Lower Upper

91 100

106 30.6 26.5 39.7



#68

m/p-Xylenes

Concen: 41.121 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD077455.D

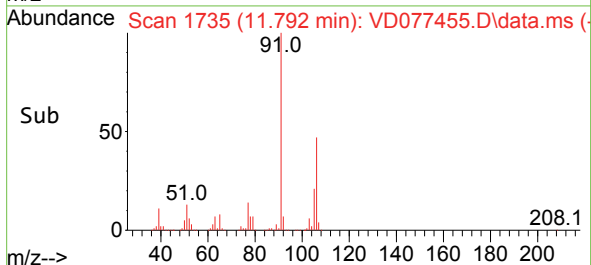
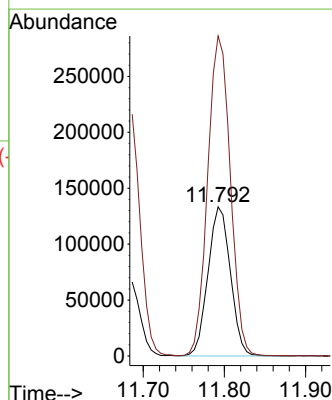
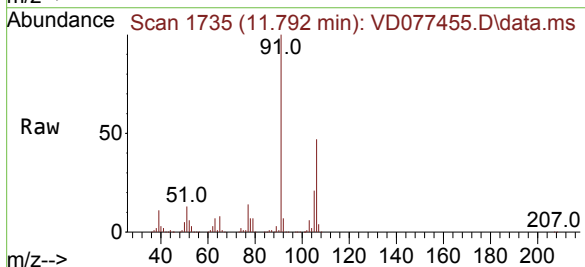
Acq: 31 Oct 2023 12:15

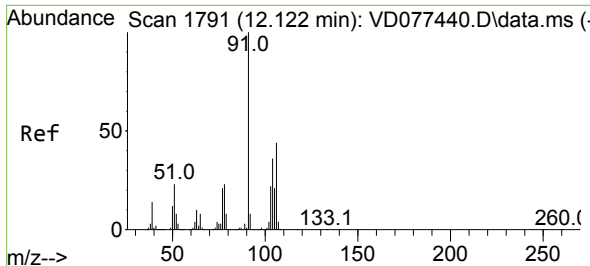
Tgt Ion:106 Resp: 255649

Ion Ratio Lower Upper

106 100

91 216.6 147.0 220.6

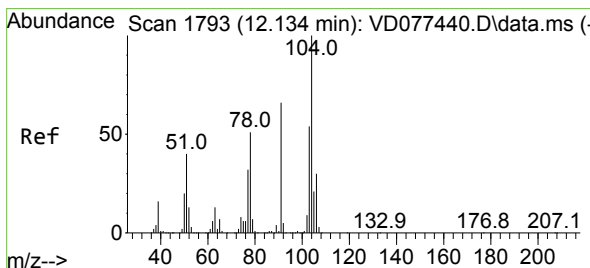
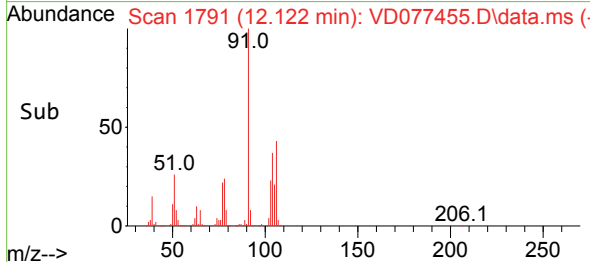
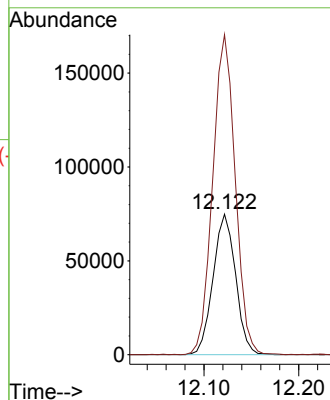
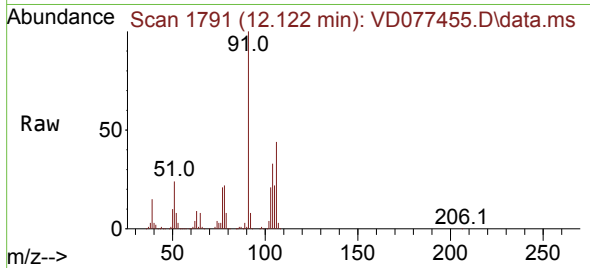




#69
o-Xylene
Concen: 20.789 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077455.D
Acq: 31 Oct 2023 12:15

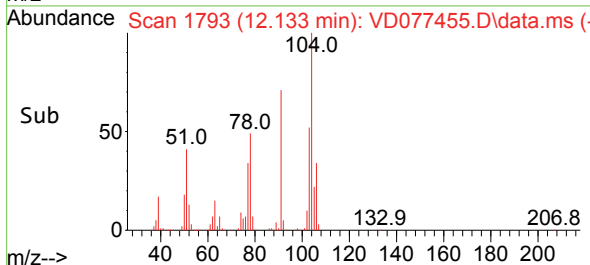
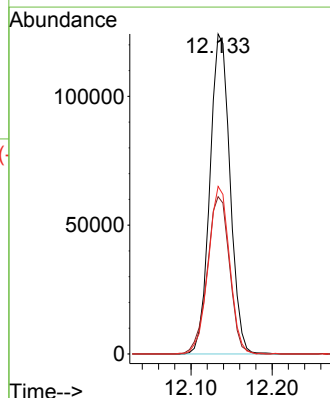
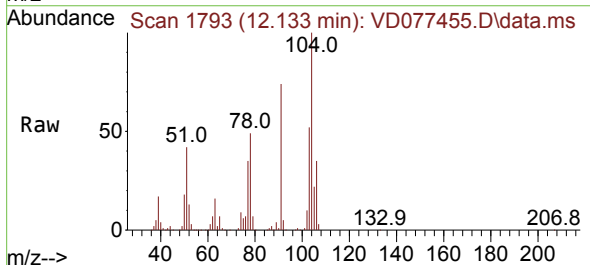
Instrument :
MSVOA_D
ClientSampleId :

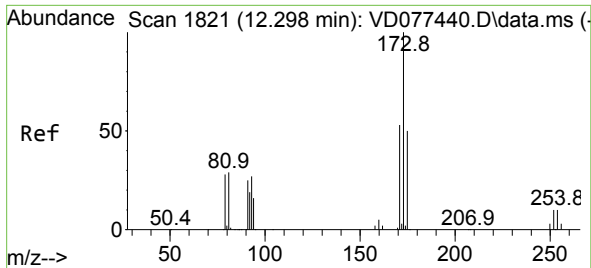
Tgt Ion:106 Resp: 123800
Ion Ratio Lower Upper
106 100
91 227.8 97.9 293.6



#70
Styrene
Concen: 20.825 ug/l
RT: 12.133 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD077455.D
Acq: 31 Oct 2023 12:15

Tgt Ion:104 Resp: 213932
Ion Ratio Lower Upper
104 100
78 54.2 33.2 49.8#
103 55.4 43.6 65.4

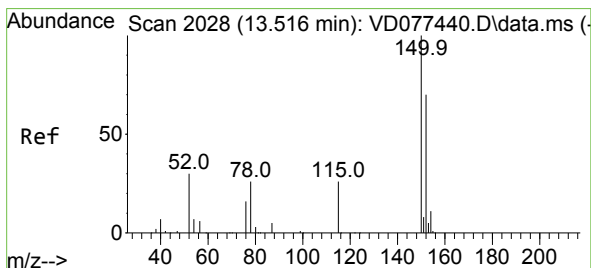
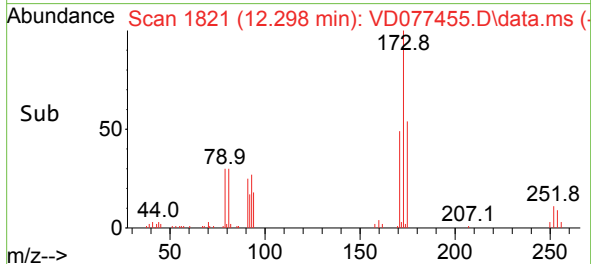
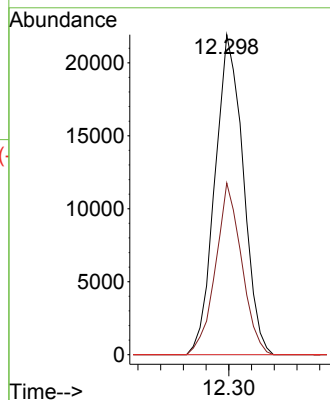
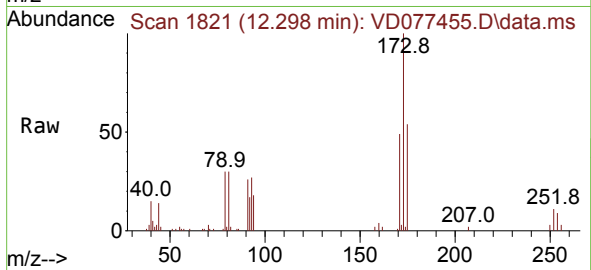




#71
Bromoform
Concen: 20.155 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD077455.D
Acq: 31 Oct 2023 12:15

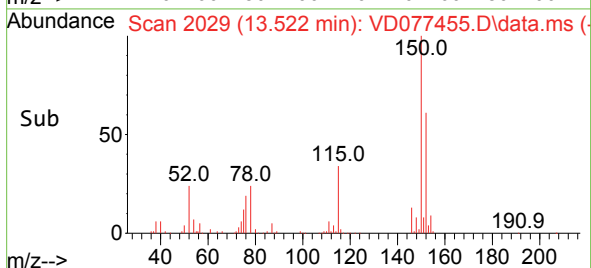
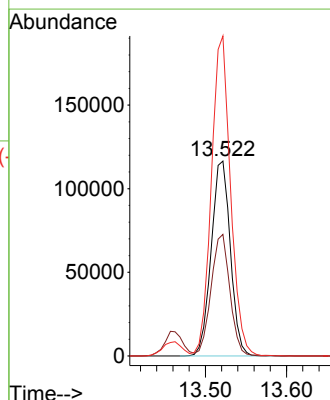
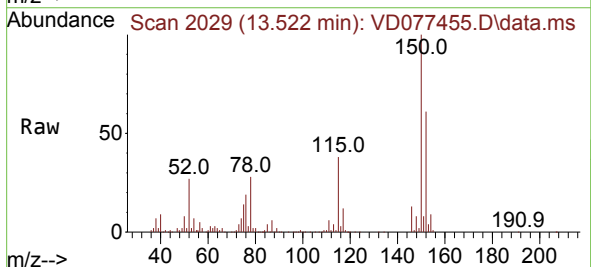
Instrument :
MSVOA_D
ClientSampleId :

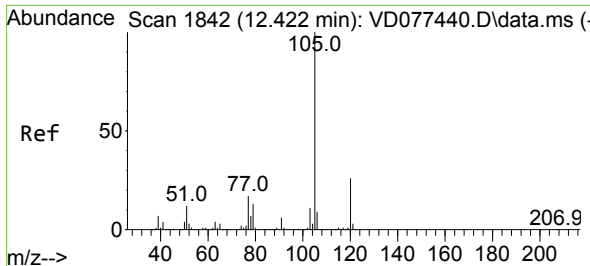
Tgt Ion:173 Resp: 37783
Ion Ratio Lower Upper
173 100
175 49.7 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD077455.D
Acq: 31 Oct 2023 12:15

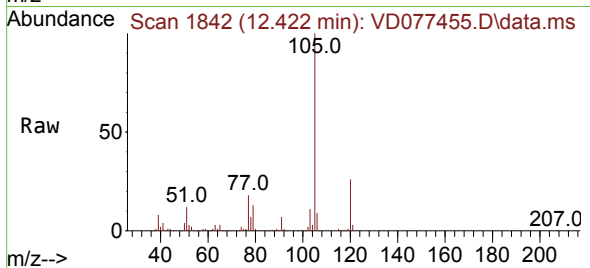
Tgt Ion:152 Resp: 191119
Ion Ratio Lower Upper
152 100
115 61.2 27.1 81.3
150 164.1 0.0 353.6



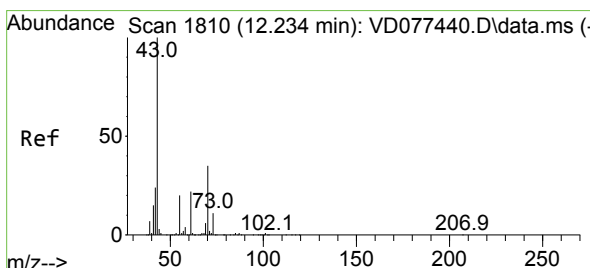
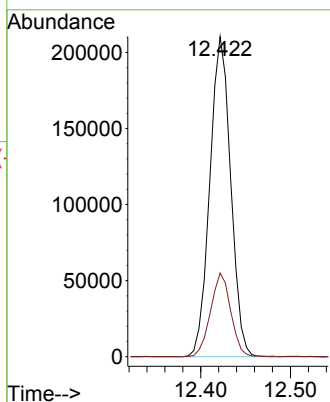
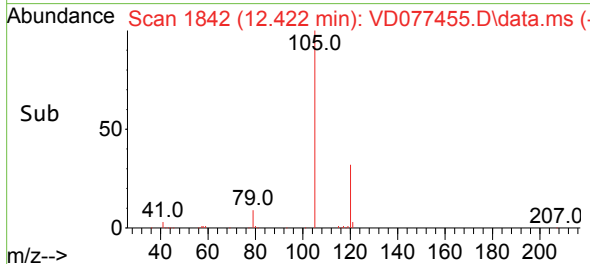


#73
Isopropylbenzene
Concen: 21.776 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077455.D
Acq: 31 Oct 2023 12:15

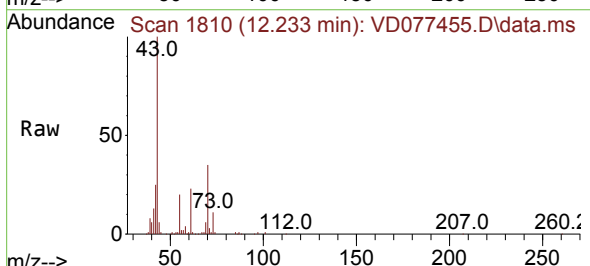
Instrument :
MSVOA_D
ClientSampleId :



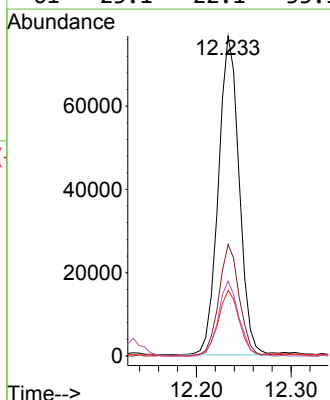
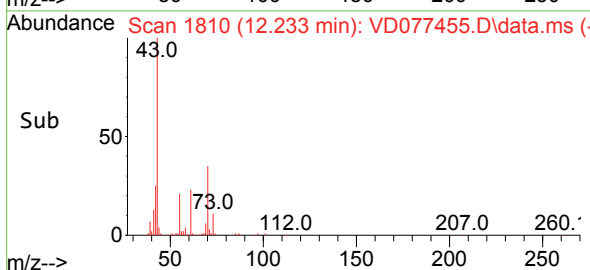
Tgt Ion:105 Resp: 339310
Ion Ratio Lower Upper
105 100
120 25.3 14.3 42.9

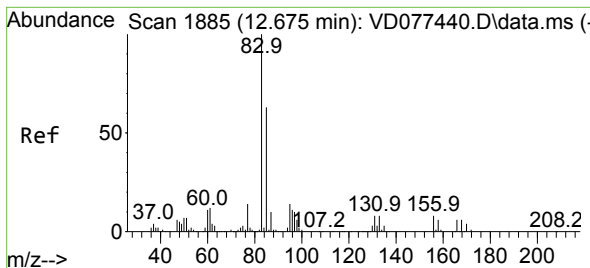


#74
N-ethyl acetate
Concen: 21.181 ug/l
RT: 12.233 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD077455.D
Acq: 31 Oct 2023 12:15



Tgt Ion: 43 Resp: 116906
Ion Ratio Lower Upper
43 100
70 34.6 45.0 67.4#
55 20.9 23.8 35.6#
61 23.1 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 21.635 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD077455.D

Acq: 31 Oct 2023 12:15

Instrument :

MSVOA_D

ClientSampleId :

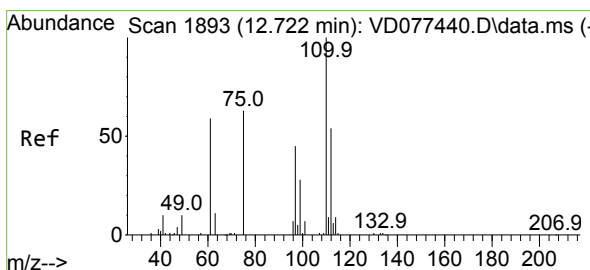
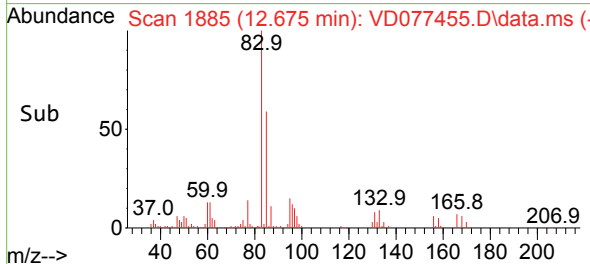
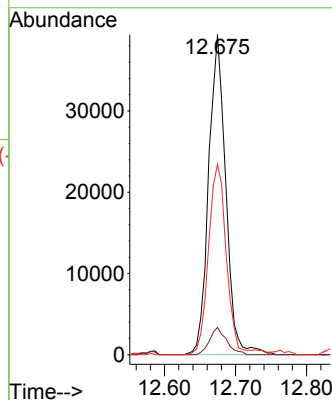
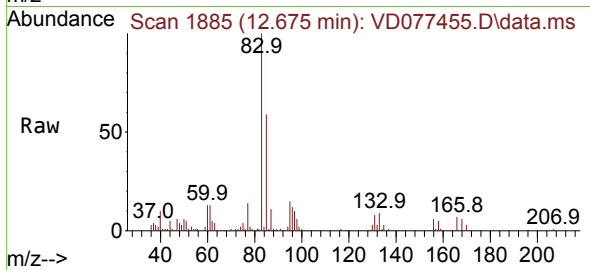
Tgt Ion: 83 Resp: 66082

Ion Ratio Lower Upper

83 100

131 8.4 5.1 15.3

85 61.6 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 37.456 ug/l

RT: 12.727 min Scan# 1894

Delta R.T. 0.006 min

Lab File: VD077455.D

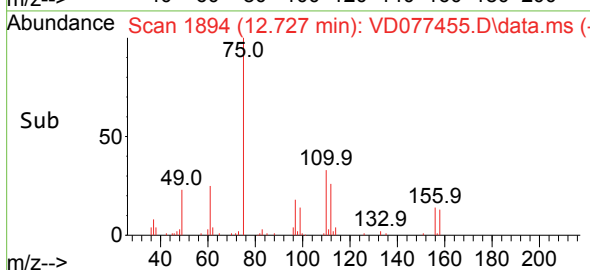
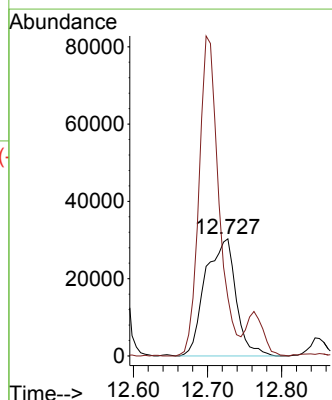
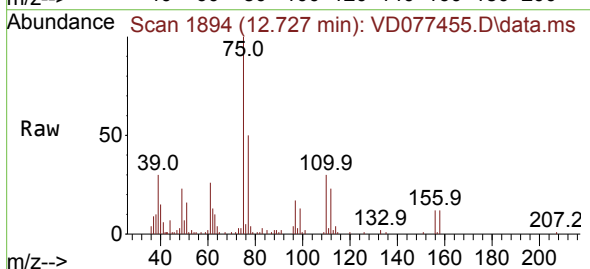
Acq: 31 Oct 2023 12:15

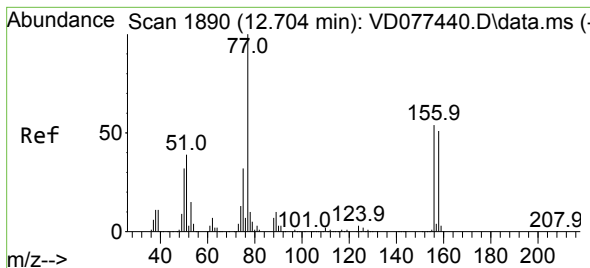
Tgt Ion: 75 Resp: 87126

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.819 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.006 min

Lab File: VD077455.D

Acq: 31 Oct 2023 12:15

Instrument :

MSVOA_D

ClientSampleId :

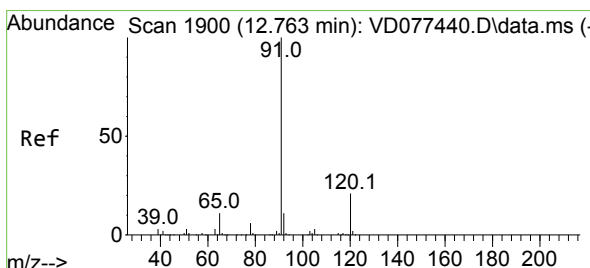
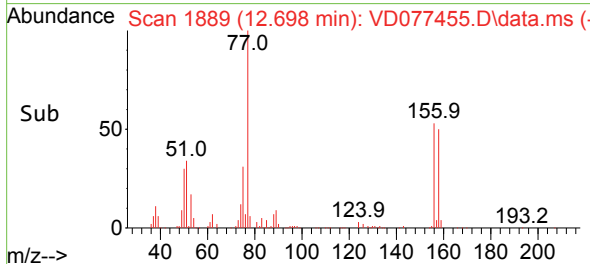
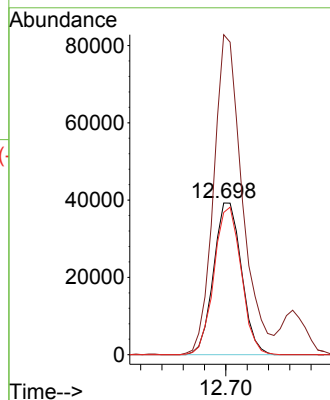
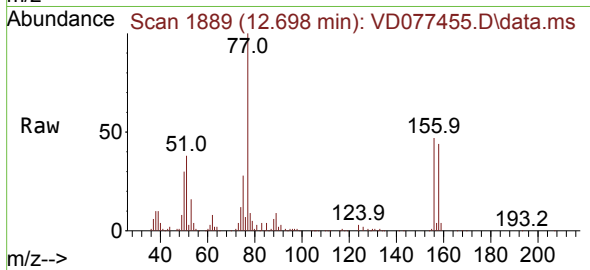
Tgt Ion:156 Resp: 71407

Ion Ratio Lower Upper

156 100

77 217.0 76.8 230.4

158 94.8 48.6 145.9



#78

n-propylbenzene

Concen: 21.702 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD077455.D

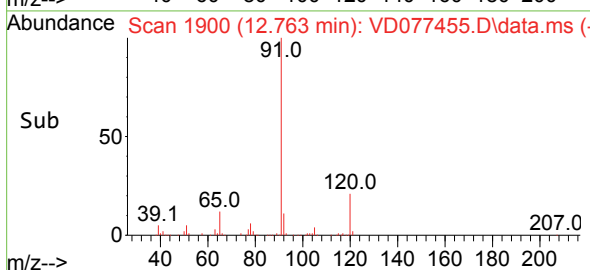
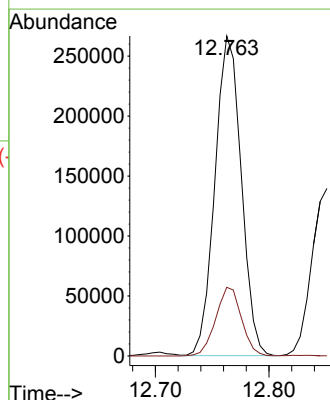
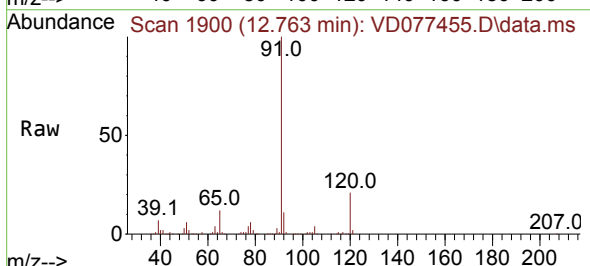
Acq: 31 Oct 2023 12:15

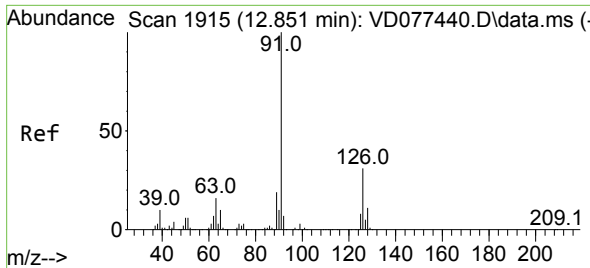
Tgt Ion: 91 Resp: 429382

Ion Ratio Lower Upper

91 100

120 21.0 12.4 37.2

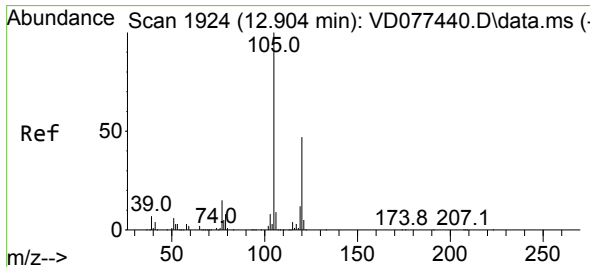
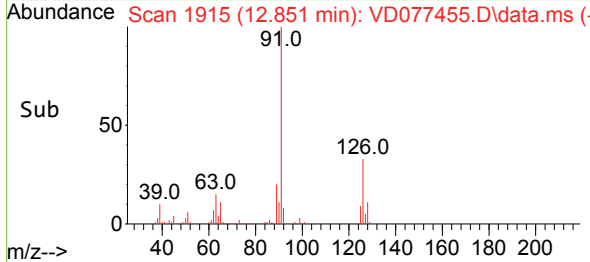
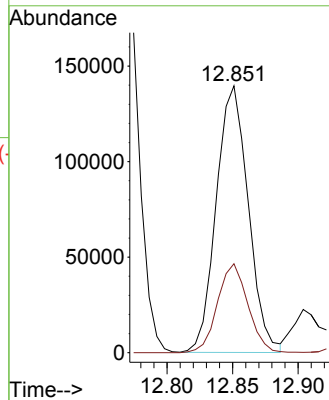
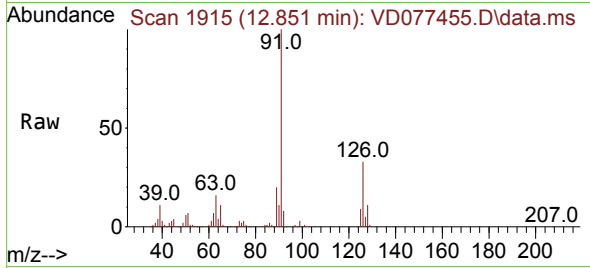




#79
2-Chlorotoluene
Concen: 21.181 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD077455.D
Acq: 31 Oct 2023 12:15

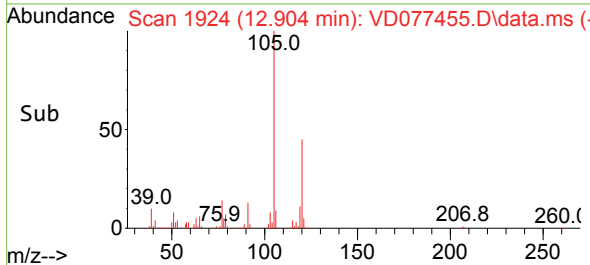
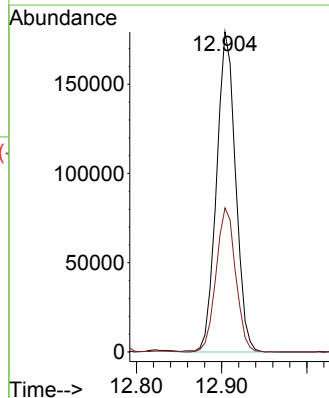
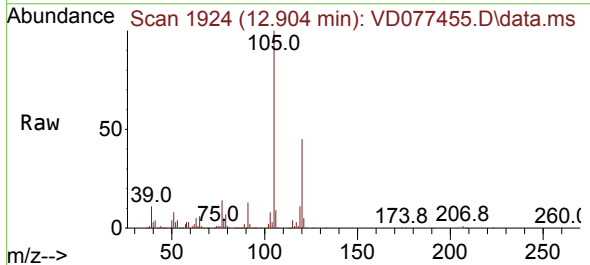
Instrument :
MSVOA_D
ClientSampleId :

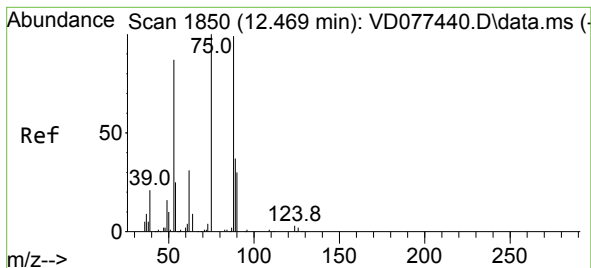
Tgt Ion: 91 Resp: 237282
Ion Ratio Lower Upper
91 100
126 31.6 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 21.309 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD077455.D
Acq: 31 Oct 2023 12:15

Tgt Ion: 105 Resp: 278615
Ion Ratio Lower Upper
105 100
120 46.2 26.4 79.2

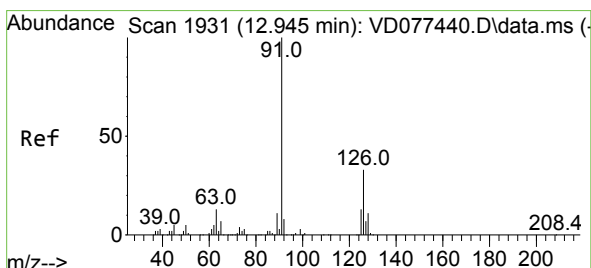
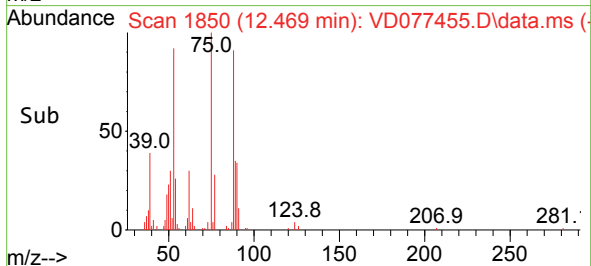
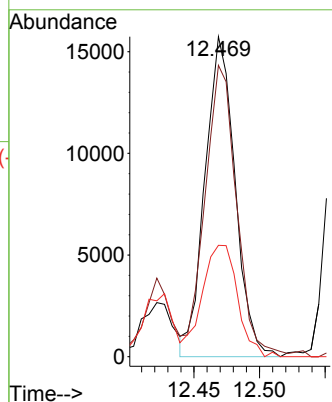
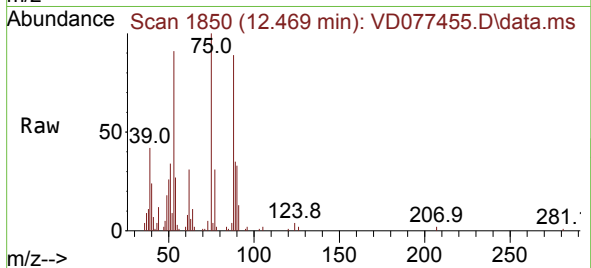




#81
trans-1,4-Dichloro-2-butene
Concen: 20.809 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD077455.D
Acq: 31 Oct 2023 12:15

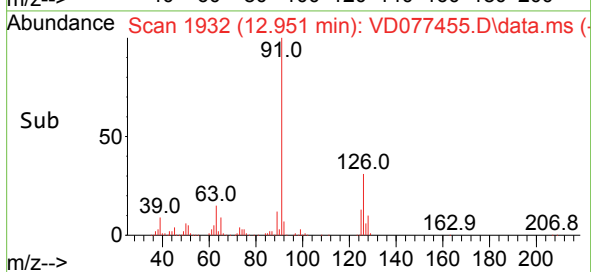
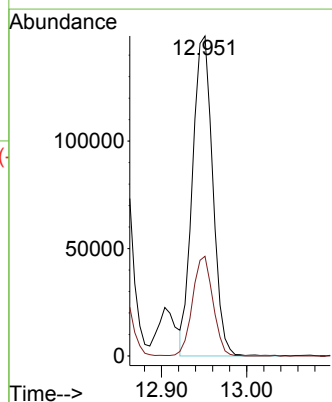
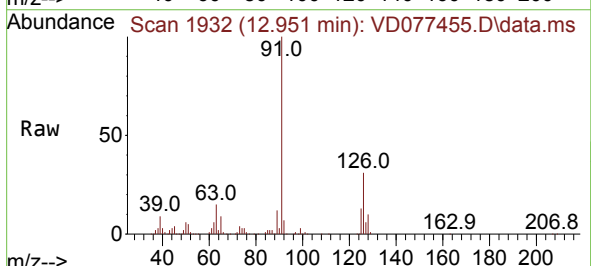
Instrument :
MSVOA_D
ClientSampleId :

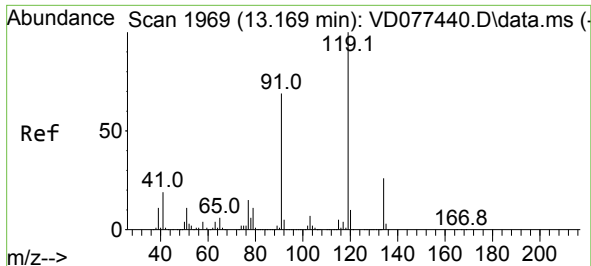
Tgt Ion: 75 Resp: 25058
Ion Ratio Lower Upper
75 100
53 96.3 63.0 94.4#
89 41.2 37.9 56.9



#82
4-Chlorotoluene
Concen: 21.031 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD077455.D
Acq: 31 Oct 2023 12:15

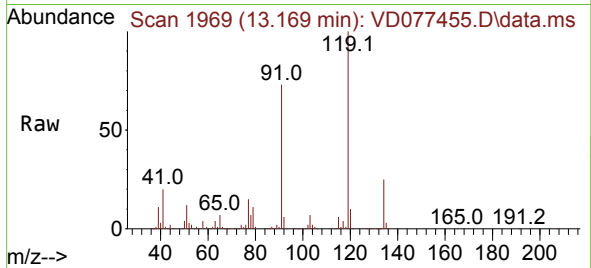
Tgt Ion: 91 Resp: 245409
Ion Ratio Lower Upper
91 100
126 31.4 19.4 58.4



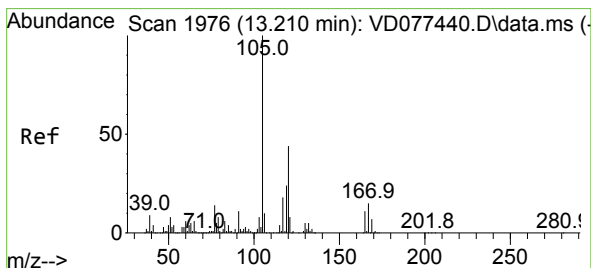
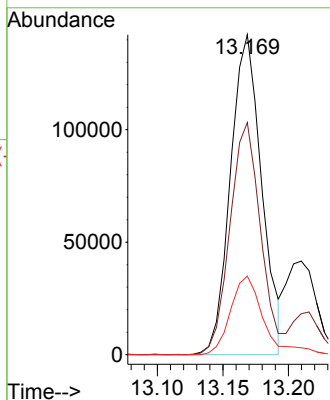
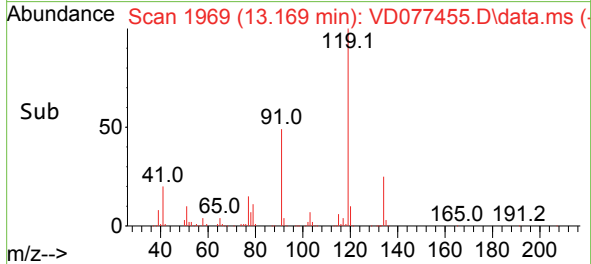


#83
tert-Butylbenzene
Concen: 21.423 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD077455.D
Acq: 31 Oct 2023 12:15

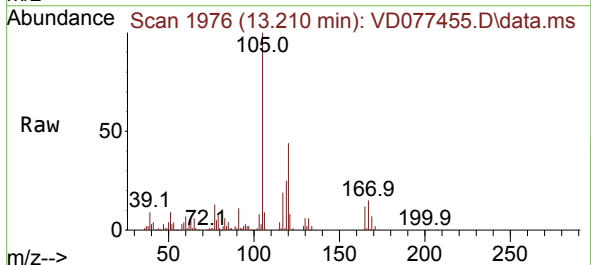
Instrument :
MSVOA_D
ClientSampleId :



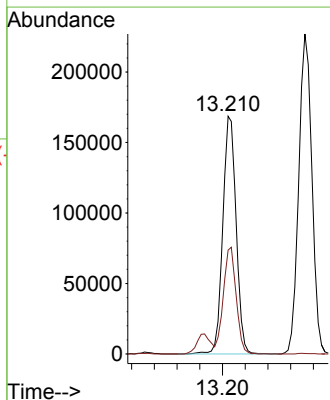
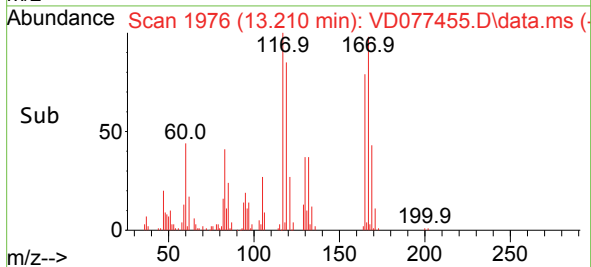
Tgt Ion:119 Resp: 235496
Ion Ratio Lower Upper
119 100
91 72.0 29.3 87.8
134 26.1 14.1 42.3

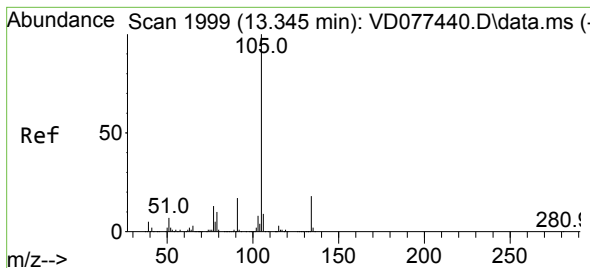


#84
1,2,4-Trimethylbenzene
Concen: 21.249 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD077455.D
Acq: 31 Oct 2023 12:15



Tgt Ion:105 Resp: 275983
Ion Ratio Lower Upper
105 100
120 43.1 24.3 72.9





#85

sec-Butylbenzene

Concen: 21.631 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VD077455.D

Acq: 31 Oct 2023 12:15

Instrument :

MSVOA_D

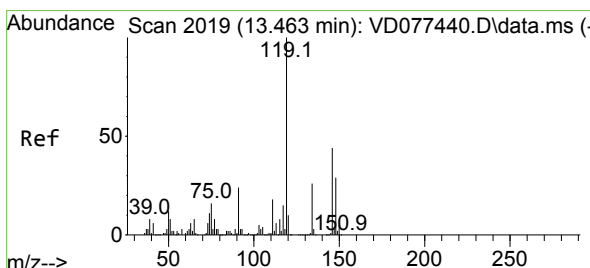
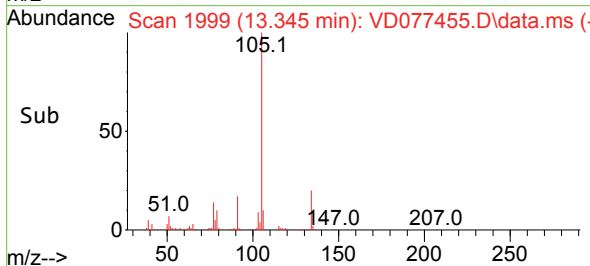
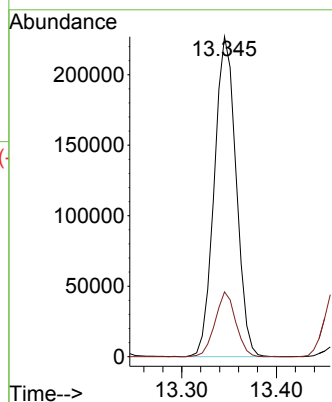
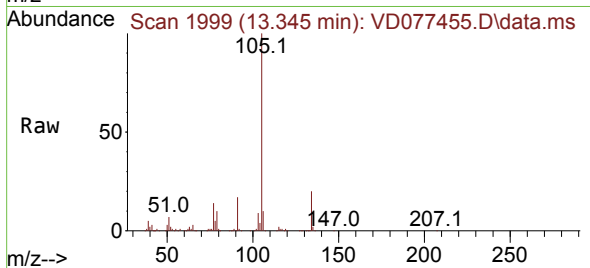
ClientSampleId :

Tgt Ion:105 Resp: 363816

Ion Ratio Lower Upper

105 100

134 19.1 10.9 32.9



#86

p-Isopropyltoluene

Concen: 21.254 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VD077455.D

Acq: 31 Oct 2023 12:15

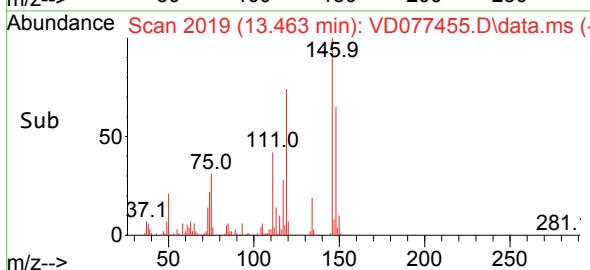
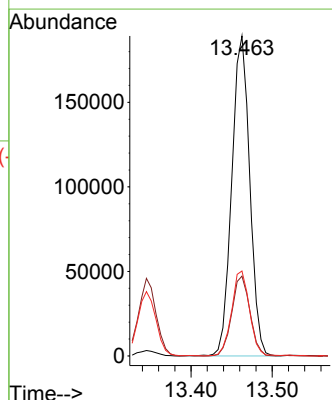
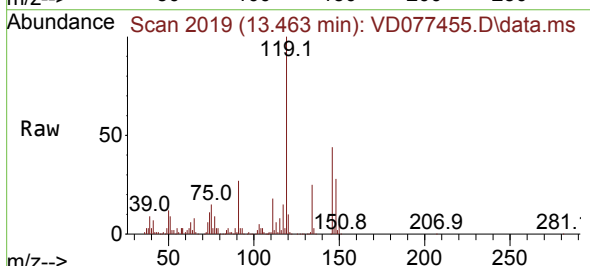
Tgt Ion:119 Resp: 290565

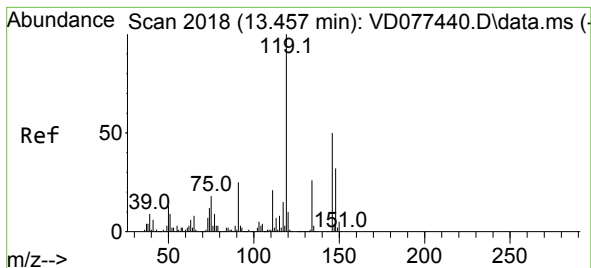
Ion Ratio Lower Upper

119 100

134 25.2 14.2 42.6

91 26.5 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 20.969 ug/l

RT: 13.463 min Scan# 2018

Delta R.T. 0.006 min

Lab File: VD077455.D

Acq: 31 Oct 2023 12:15

Instrument :

MSVOA_D

ClientSampleId :

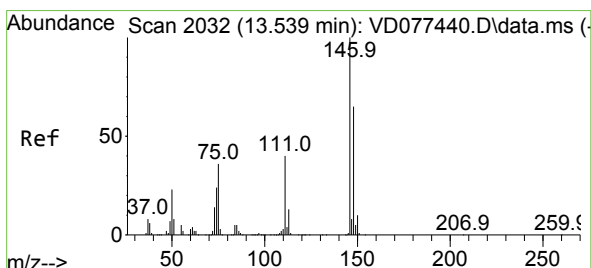
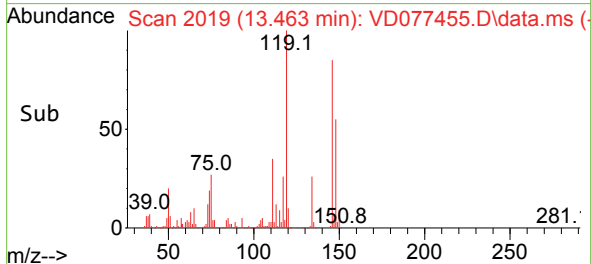
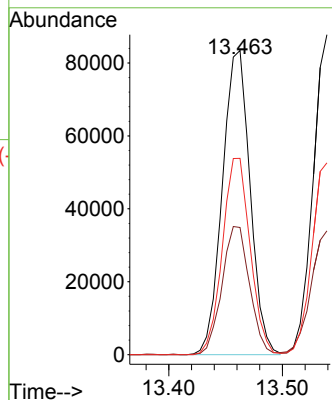
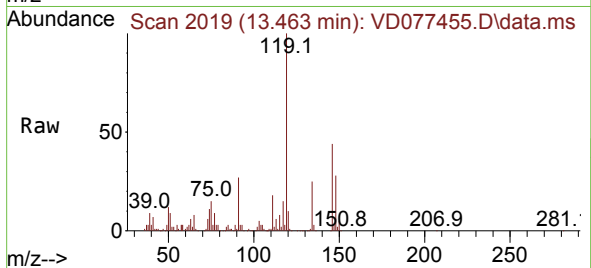
Tgt Ion:146 Resp: 141369

Ion Ratio Lower Upper

146 100

111 42.0 17.9 53.8

148 64.8 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 20.841 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD077455.D

Acq: 31 Oct 2023 12:15

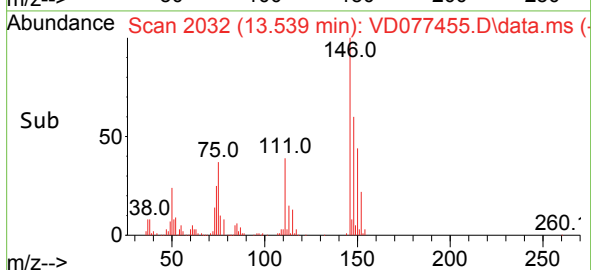
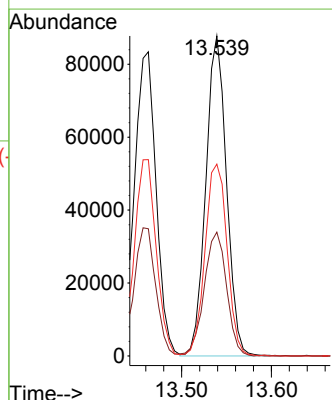
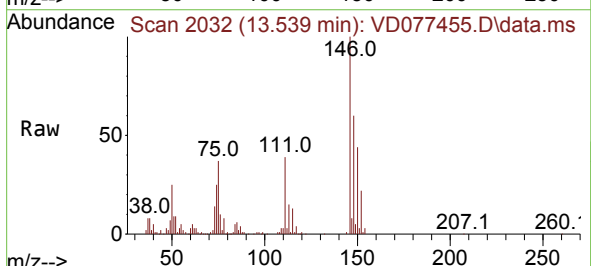
Tgt Ion:146 Resp: 140382

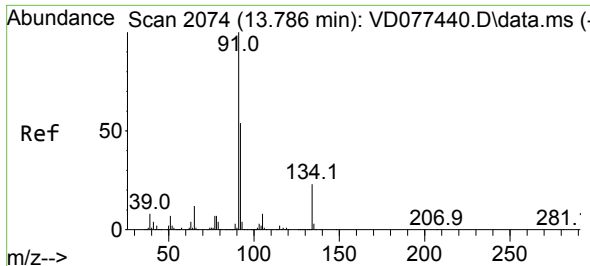
Ion Ratio Lower Upper

146 100

111 41.9 17.4 52.3

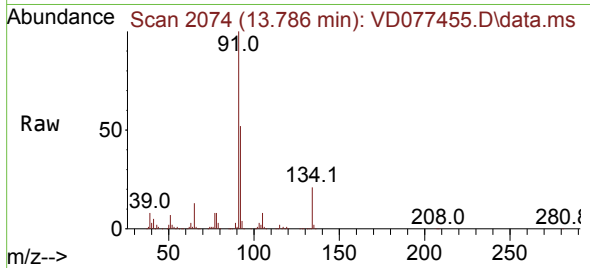
148 64.1 31.7 95.1



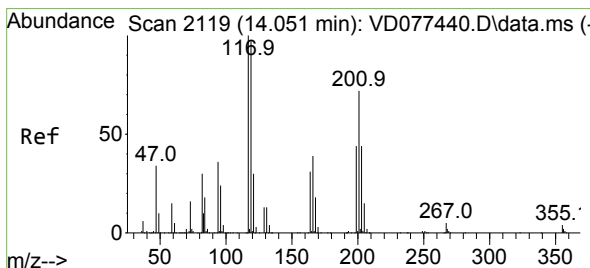
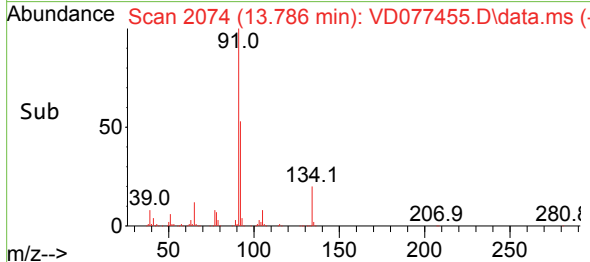
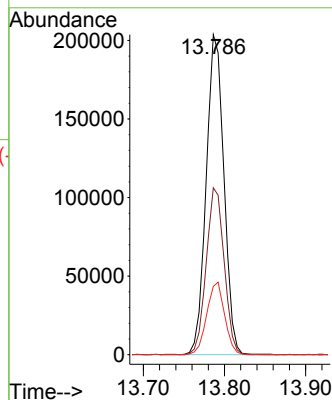


#89
n-Butylbenzene
Concen: 21.694 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD077455.D
Acq: 31 Oct 2023 12:15

Instrument :
MSVOA_D
ClientSampleId :

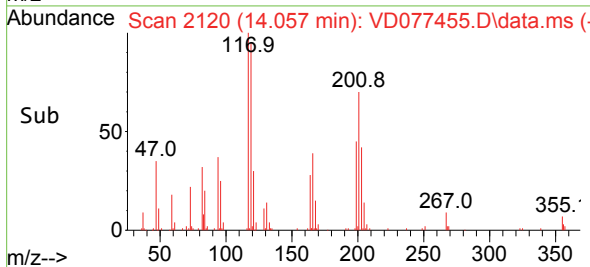
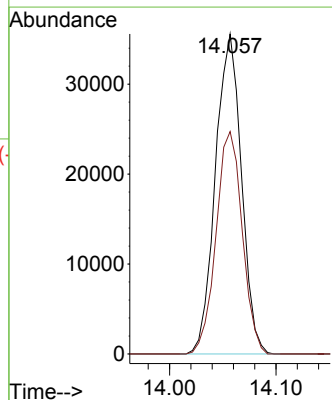
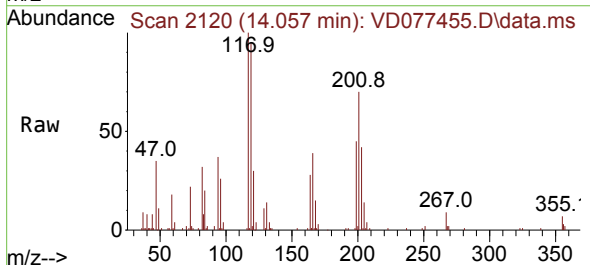


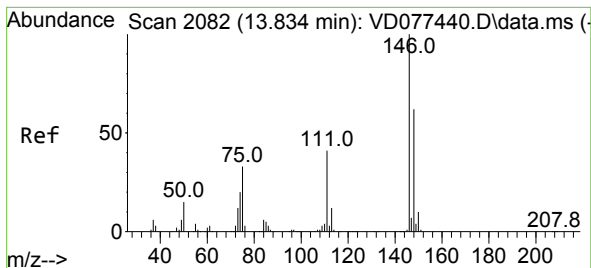
Tgt Ion: 91 Resp: 308264
Ion Ratio Lower Upper
91 100
92 52.8 26.5 79.5
134 22.8 13.8 41.3



#90
Hexachloroethane
Concen: 21.540 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD077455.D
Acq: 31 Oct 2023 12:15

Tgt Ion: 117 Resp: 60261
Ion Ratio Lower Upper
117 100
201 70.0 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 20.951 ug/l

RT: 13.833 min Scan# 2082

Delta R.T. -0.000 min

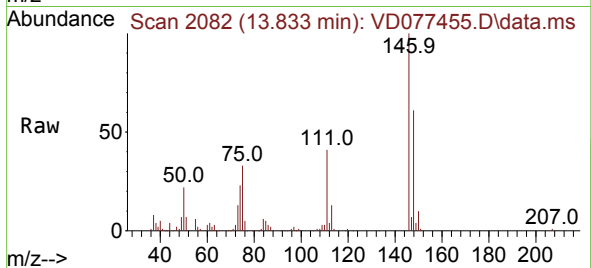
Lab File: VD077455.D

Acq: 31 Oct 2023 12:15

Instrument :

MSVOA_D

ClientSampleId :



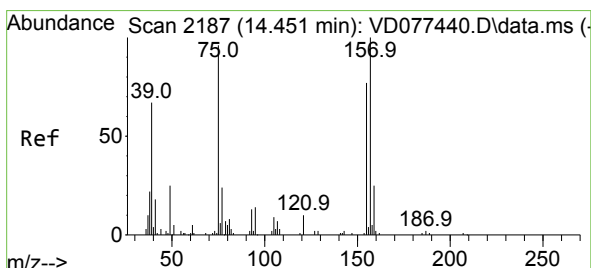
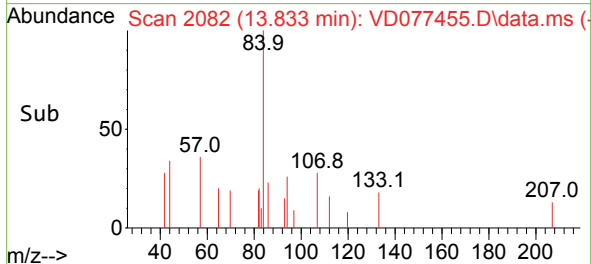
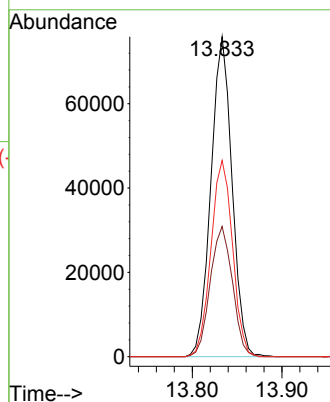
Tgt Ion:146 Resp: 124136

Ion Ratio Lower Upper

146 100

111 42.7 18.3 54.8

148 62.7 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.611 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD077455.D

Acq: 31 Oct 2023 12:15

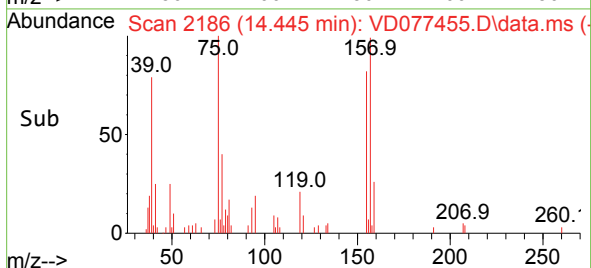
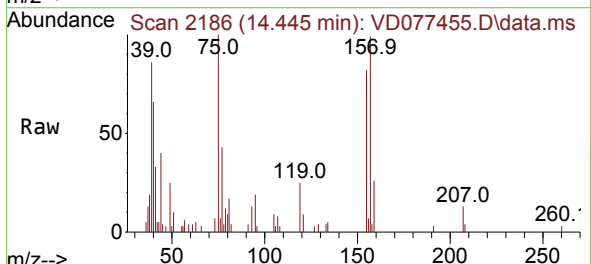
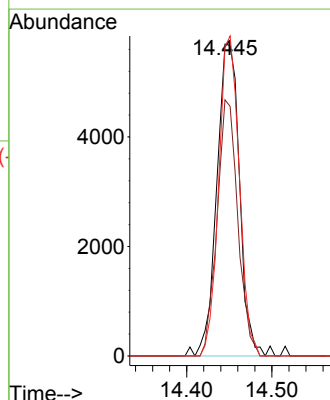
Tgt Ion: 75 Resp: 10606

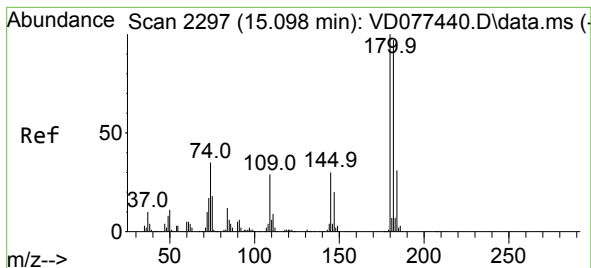
Ion Ratio Lower Upper

75 100

155 74.9 47.9 143.8

157 92.3 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 20.273 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

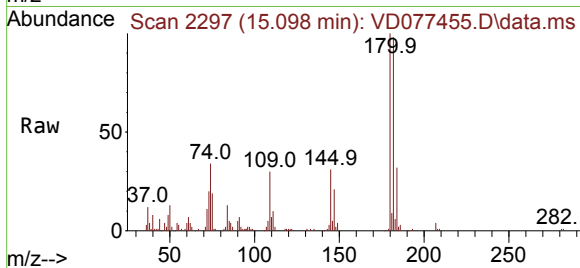
Lab File: VD077455.D

Acq: 31 Oct 2023 12:15

Instrument :

MSVOA_D

ClientSampleId :



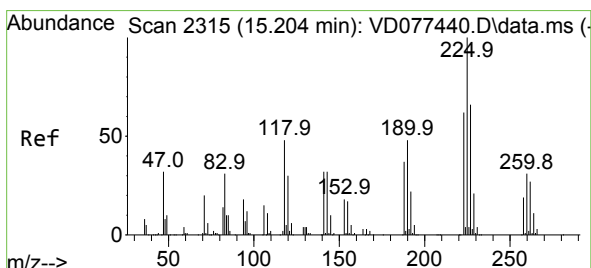
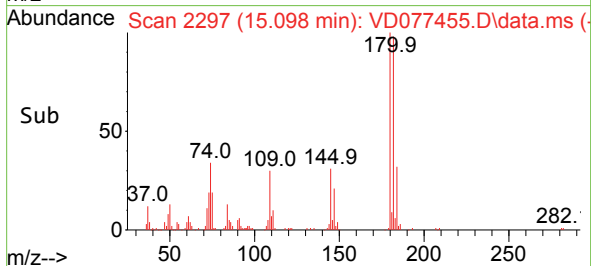
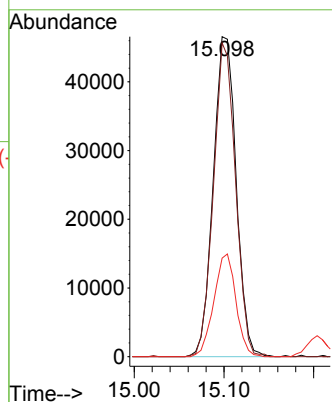
Tgt Ion:180 Resp: 82517

Ion Ratio Lower Upper

180 100

182 94.5 48.5 145.6

145 31.0 14.2 42.6



#94

Hexachlorobutadiene

Concen: 20.606 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD077455.D

Acq: 31 Oct 2023 12:15

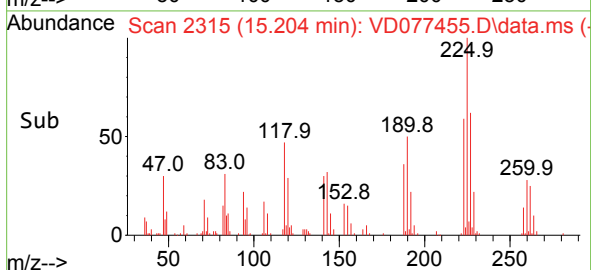
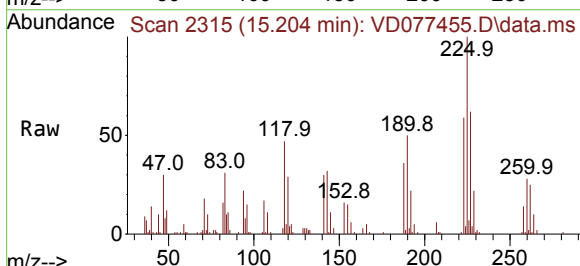
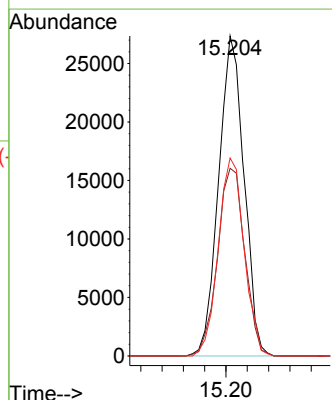
Tgt Ion:225 Resp: 45241

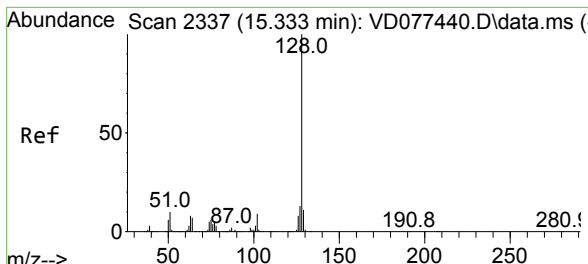
Ion Ratio Lower Upper

225 100

223 62.6 31.6 94.8

227 63.0 31.7 95.1

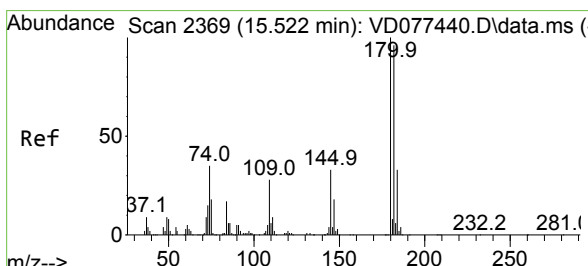
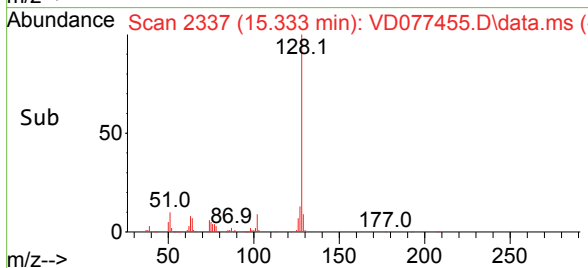
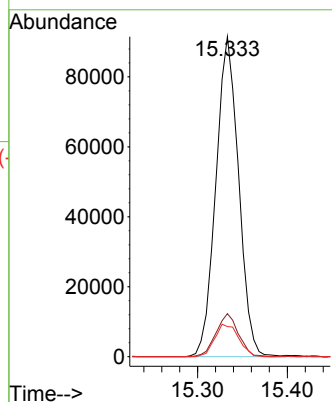
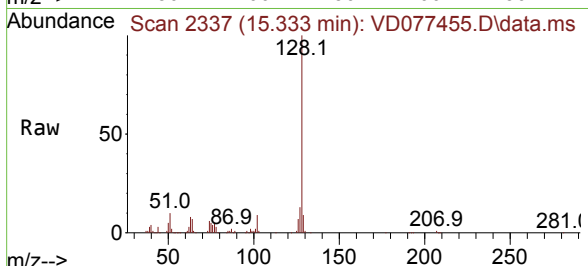




#95
Naphthalene
Concen: 20.742 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD077455.D
Acq: 31 Oct 2023 12:15

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 161058
Ion Ratio Lower Upper
128 100
127 13.5 10.5 15.7
129 9.4 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.234 ug/l
RT: 15.521 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD077455.D
Acq: 31 Oct 2023 12:15

Tgt Ion:180 Resp: 71090
Ion Ratio Lower Upper
180 100
182 95.9 47.3 141.9
145 32.6 15.1 45.3

