

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121923\
 Data File : VD077968.D
 Acq On : 19 Dec 2023 12:28
 Operator : RP/MD
 Sample : VD1219SBS02
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 20 02:01:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	120231	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	204951	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	185913	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	100840	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	72988	51.518	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.040%	
35) Dibromofluoromethane	7.804	113	78295	54.538	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.080%	
50) Toluene-d8	10.269	98	300672	52.292	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.580%	
62) 4-Bromofluorobenzene	12.575	95	90448	52.615	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.240%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	29363	19.551	ug/l	94
3) Chloromethane	2.152	50	37893	18.510	ug/l	95
4) Vinyl Chloride	2.293	62	54405	19.576	ug/l	99
5) Bromomethane	2.699	94	39623	25.408	ug/l	94
6) Chloroethane	2.846	64	41504	21.905	ug/l	97
7) Trichlorofluoromethane	3.181	101	53424	20.872	ug/l	99
8) Diethyl Ether	3.593	74	14191	19.744	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.975	101	31209	21.313	ug/l	96
10) Methyl Iodide	4.163	142	24477	23.242	ug/l	91
11) Tert butyl alcohol	5.040	59	3914	48.273	ug/l	# 93
12) 1,1-Dichloroethene	3.946	96	28787	19.919	ug/l	86
13) Acrolein	3.793	56	8117	54.162	ug/l	94
14) Allyl chloride	4.563	41	36419	18.322	ug/l	88
15) Acrylonitrile	5.263	53	29695	96.497	ug/l	96
16) Acetone	4.022	43	40561	115.495	ug/l	94
17) Carbon Disulfide	4.281	76	78573	16.070	ug/l	100
18) Methyl Acetate	4.569	43	20010	17.934	ug/l	92
19) Methyl tert-butyl Ether	5.328	73	61230	19.969	ug/l	94
20) Methylene Chloride	4.816	84	38617	20.122	ug/l	90
21) trans-1,2-Dichloroethene	5.316	96	32752	20.008	ug/l	86
22) Diisopropyl ether	6.216	45	76263	18.360	ug/l	93
23) Vinyl Acetate	6.157	43	185470	91.436	ug/l	# 91
24) 1,1-Dichloroethane	6.116	63	58453	20.780	ug/l	97
25) 2-Butanone	7.087	43	44830	106.493	ug/l	88
26) 2,2-Dichloropropane	7.081	77	47817	20.247	ug/l	95
27) cis-1,2-Dichloroethene	7.087	96	36888	20.942	ug/l	89
28) Bromochloromethane	7.434	49	22992	20.228	ug/l	84
29) Tetrahydrofuran	7.440	42	20384	90.353	ug/l	89
30) Chloroform	7.598	83	61068	21.692	ug/l	93
31) Cyclohexane	7.875	56	44665	17.725	ug/l	85
32) 1,1,1-Trichloroethane	7.793	97	51948	20.932	ug/l	99
36) 1,1-Dichloropropene	8.010	75	45250	19.705	ug/l	96
37) Ethyl Acetate	7.169	43	14171	15.827	ug/l	98
38) Carbon Tetrachloride	7.993	117	44480	19.430	ug/l	93
39) Methylcyclohexane	9.275	83	52597	19.321	ug/l	95
40) Benzene	8.251	78	128271	19.681	ug/l	100

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 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	8280	18.194	ug/l #	90
42) 1,2-Dichloroethane	8.328	62	34518	20.432	ug/l	94
43) Isopropyl Acetate	8.363	43	29904	18.788	ug/l	96
44) Trichloroethene	9.028	130	34669	20.412	ug/l	93
45) 1,2-Dichloropropane	9.304	63	31982	20.186	ug/l	97
46) Dibromomethane	9.398	93	17273	20.604	ug/l	91
47) Bromodichloromethane	9.581	83	45824	21.566	ug/l	100
48) Methyl methacrylate	9.381	41	16256	17.967	ug/l	82
49) 1,4-Dioxane	9.387	88	3333	400.397	ug/l #	86
51) 4-Methyl-2-Pentanone	10.157	43	74723	91.986	ug/l	93
52) Toluene	10.334	92	82009	20.285	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	40562	19.879	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	48998	19.861	ug/l #	90
55) 1,1,2-Trichloroethane	10.734	97	23216	20.246	ug/l #	82
56) Ethyl methacrylate	10.598	69	19377	19.169	ug/l #	89
57) 1,3-Dichloropropane	10.881	76	42908	21.708	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.869	63	38658	67.061	ug/l	97
59) 2-Hexanone	10.922	43	64075	95.074	ug/l	90
60) Dibromochloromethane	11.075	129	30304	21.950	ug/l	99
61) 1,2-Dibromoethane	11.181	107	22365	20.720	ug/l	98
64) Tetrachloroethene	10.810	164	26800	19.613	ug/l	93
65) Chlorobenzene	11.610	112	89369	19.250	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.687	131	33321	21.553	ug/l	94
67) Ethyl Benzene	11.687	91	156222	20.183	ug/l	96
68) m/p-Xylenes	11.792	106	122420	41.349	ug/l	94
69) o-Xylene	12.122	106	54586	20.005	ug/l	92
70) Styrene	12.139	104	84930	20.933	ug/l	96
71) Bromoform	12.298	173	16946	20.978	ug/l #	93
73) Isopropylbenzene	12.422	105	153496	20.084	ug/l	95
74) N-amyl acetate	12.234	43	26256	17.477	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.675	83	26921	20.202	ug/l	97
76) 1,2,3-Trichloropropane	12.728	75	32134	36.691	ug/l #	100
77) Bromobenzene	12.704	156	35709	19.864	ug/l	91
78) n-propylbenzene	12.763	91	185767	19.947	ug/l	97
79) 2-Chlorotoluene	12.851	91	99999	20.036	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	123930	19.442	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	8256	19.099	ug/l	90
82) 4-Chlorotoluene	12.945	91	104377	20.005	ug/l	96
83) tert-Butylbenzene	13.169	119	105438	19.593	ug/l	95
84) 1,2,4-Trimethylbenzene	13.216	105	125303	19.654	ug/l	97
85) sec-Butylbenzene	13.345	105	161080	20.250	ug/l	97
86) p-Isopropyltoluene	13.463	119	143874	20.201	ug/l	97
87) 1,3-Dichlorobenzene	13.463	146	73201	19.912	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	73305	18.982	ug/l	98
89) n-Butylbenzene	13.786	91	138654	20.690	ug/l	96
90) Hexachloroethane	14.057	117	29454	22.488	ug/l	92
91) 1,2-Dichlorobenzene	13.833	146	62455	19.976	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	3618	18.117	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	38391	17.977	ug/l	97
94) Hexachlorobutadiene	15.210	225	23334	20.262	ug/l	97
95) Naphthalene	15.333	128	66029	18.608	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	32926	18.701	ug/l	98

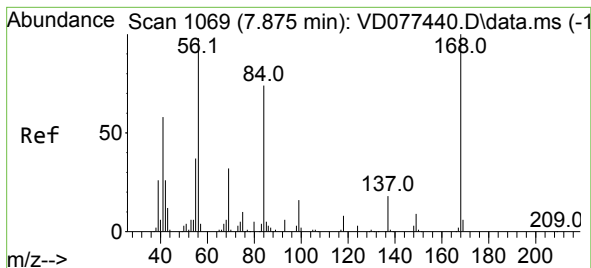
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Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 10

Delta R.T. 0.006 min

Lab File: VD077968.D

Acq: 19 Dec 2023 12:28

Instrument :

MSVOA_D

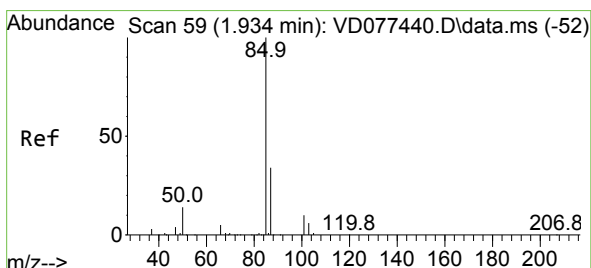
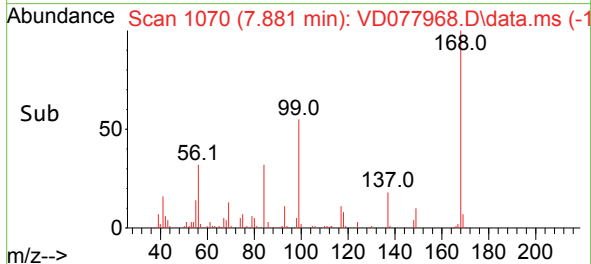
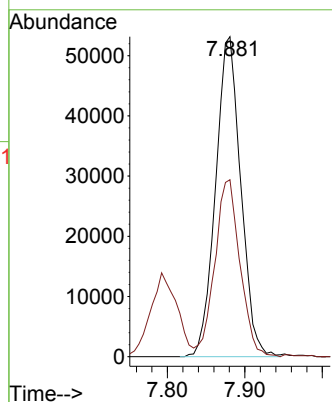
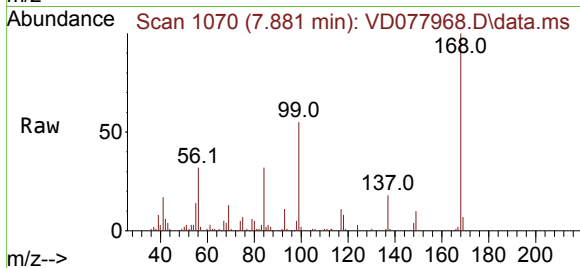
ClientSampleId :

Tgt Ion:168 Resp: 120231

Ion Ratio Lower Upper

168 100

99 55.3 36.7 55.1#



#2

Dichlorodifluoromethane

Concen: 19.551 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD077968.D

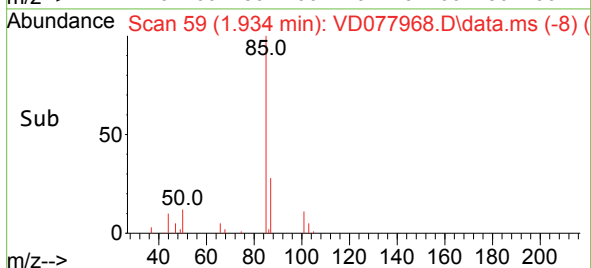
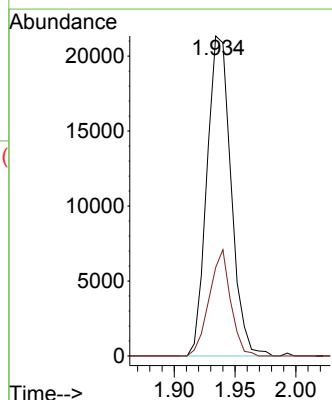
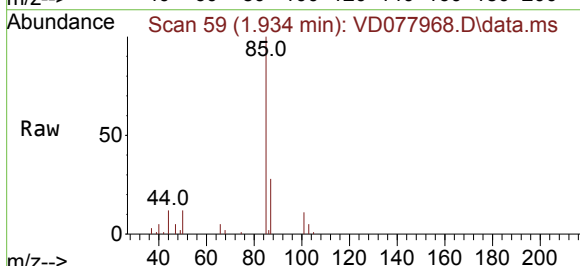
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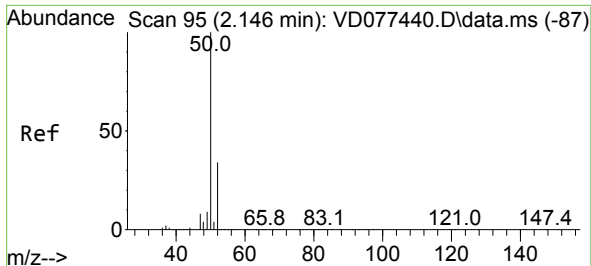
Tgt Ion: 85 Resp: 29363

Ion Ratio Lower Upper

85 100

87 27.7 15.7 47.0

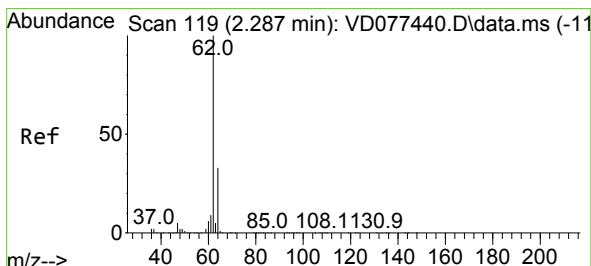
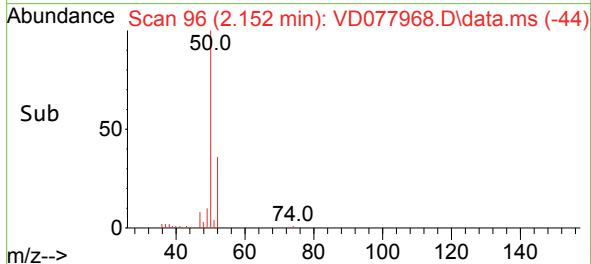
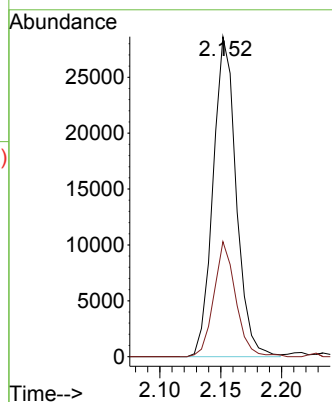
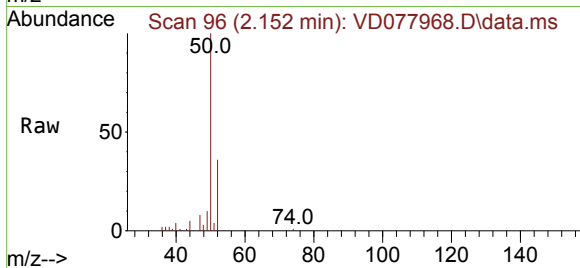




#3
Chloromethane
Concen: 18.510 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD077968.D
Acq: 19 Dec 2023 12:28

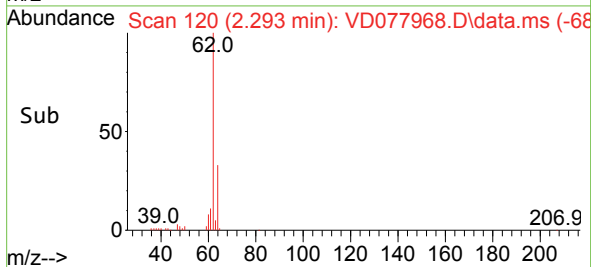
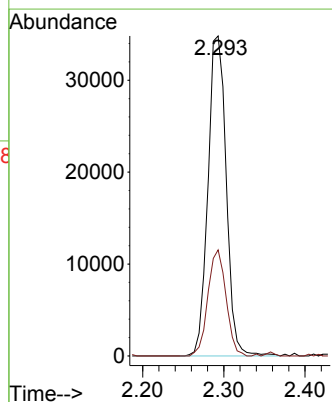
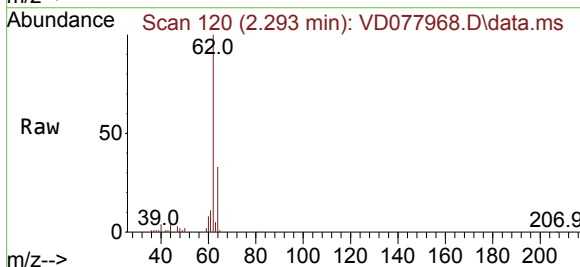
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 50 Resp: 37893
Ion Ratio Lower Upper
50 100
52 36.0 26.6 40.0



#4
Vinyl Chloride
Concen: 19.576 ug/l
RT: 2.293 min Scan# 120
Delta R.T. 0.006 min
Lab File: VD077968.D
Acq: 19 Dec 2023 12:28

Tgt Ion: 62 Resp: 54405
Ion Ratio Lower Upper
62 100
64 33.2 26.0 39.0

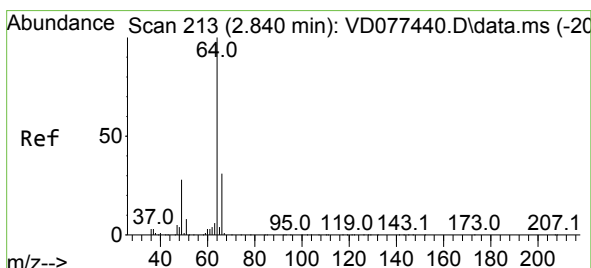
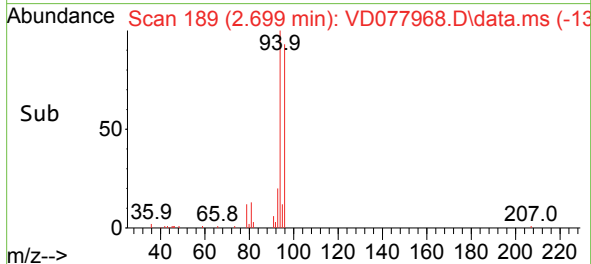
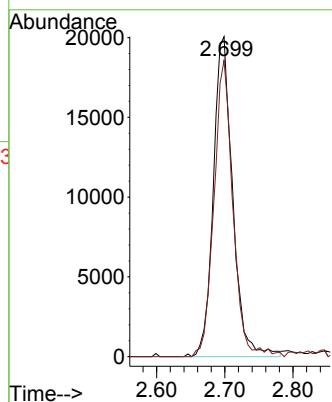
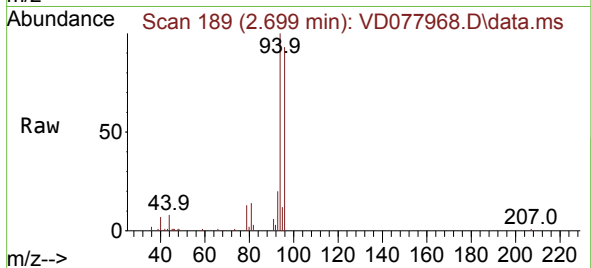




#5
Bromomethane
Concen: 25.408 ug/l
RT: 2.699 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077968.D
Acq: 19 Dec 2023 12:28

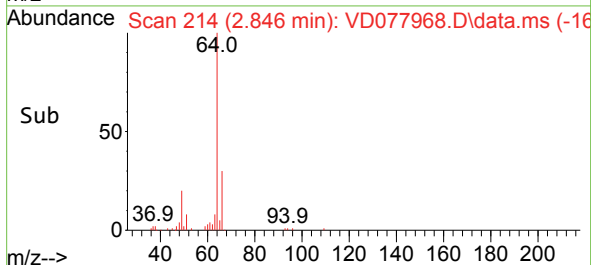
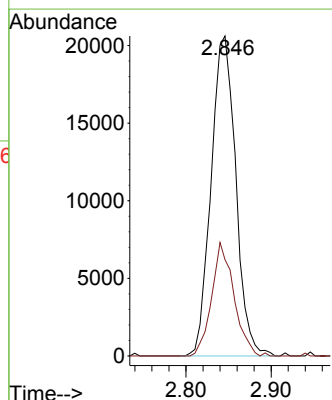
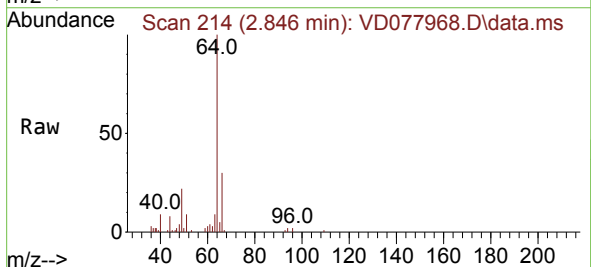
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MSVOA_D
ClientSampleId :

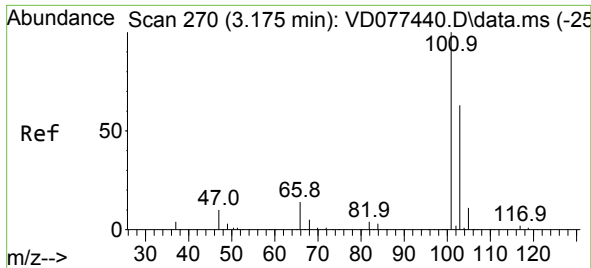
Tgt Ion: 94 Resp: 39623
Ion Ratio Lower Upper
94 100
96 89.1 75.8 113.8



#6
Chloroethane
Concen: 21.905 ug/l
RT: 2.846 min Scan# 214
Delta R.T. 0.006 min
Lab File: VD077968.D
Acq: 19 Dec 2023 12:28

Tgt Ion: 64 Resp: 41504
Ion Ratio Lower Upper
64 100
66 30.1 25.5 38.3

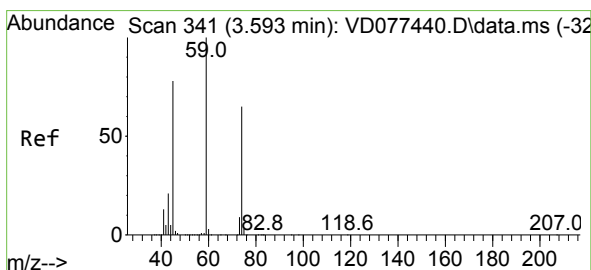
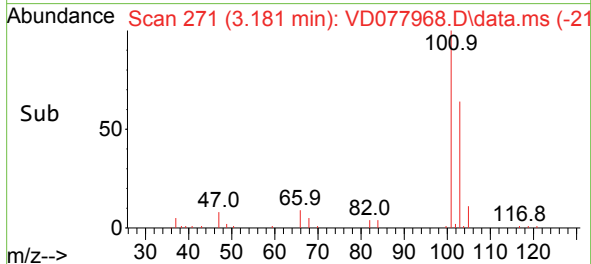
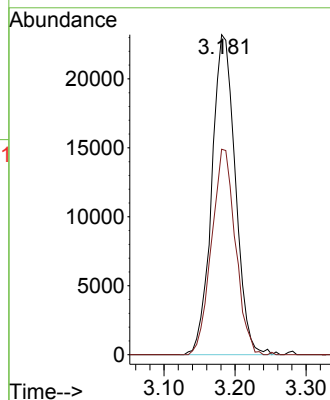
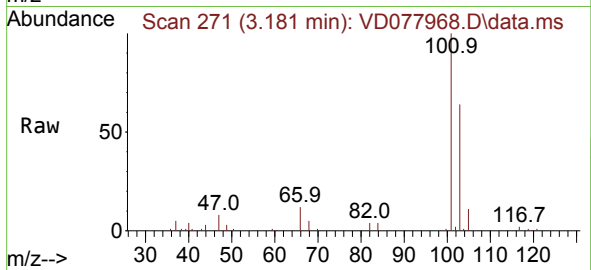




#7
Trichlorofluoromethane
Concen: 20.872 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD077968.D
Acq: 19 Dec 2023 12:28

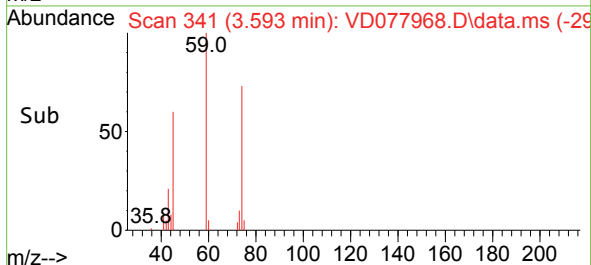
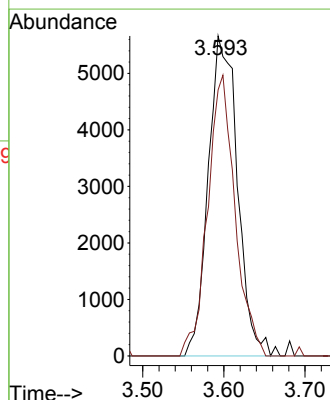
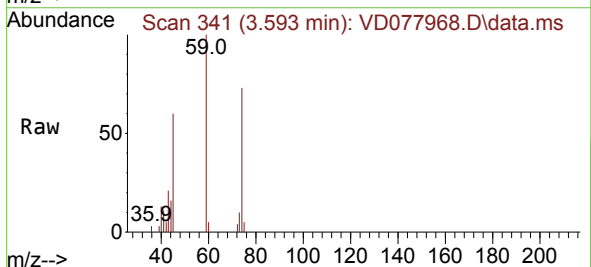
Instrument :
MSVOA_D
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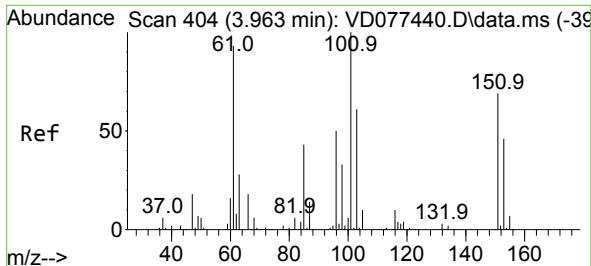
Tgt Ion:101 Resp: 53424
Ion Ratio Lower Upper
101 100
103 64.2 52.3 78.5



#8
Diethyl Ether
Concen: 19.744 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD077968.D
Acq: 19 Dec 2023 12:28

Tgt Ion: 74 Resp: 14191
Ion Ratio Lower Upper
74 100
45 82.2 37.5 112.7

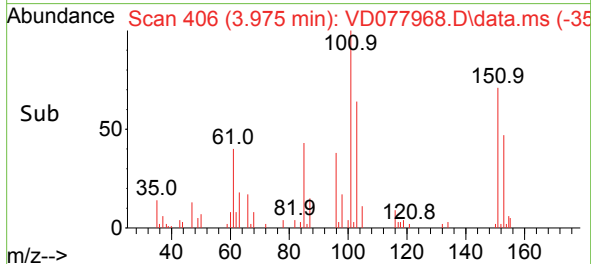
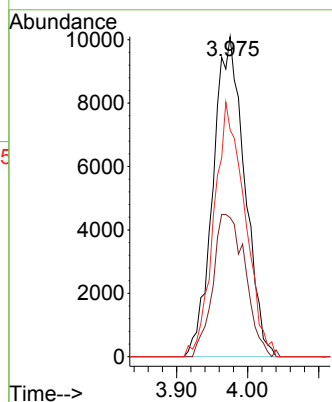
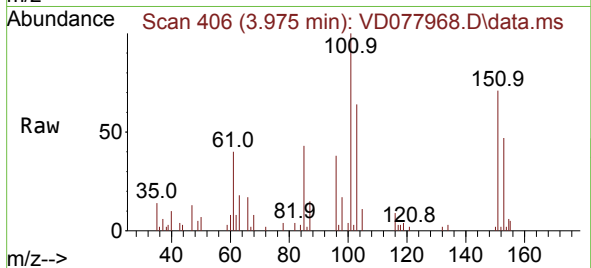




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.313 ug/l
RT: 3.975 min Scan# 406
Delta R.T. 0.012 min
Lab File: VD077968.D
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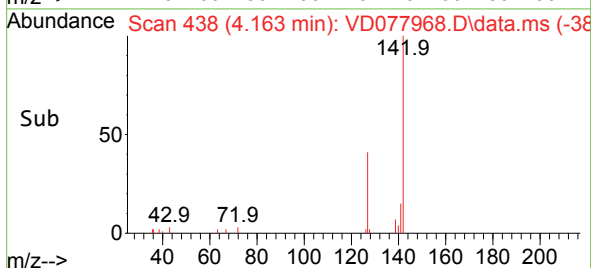
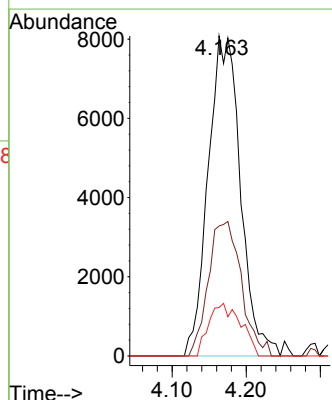
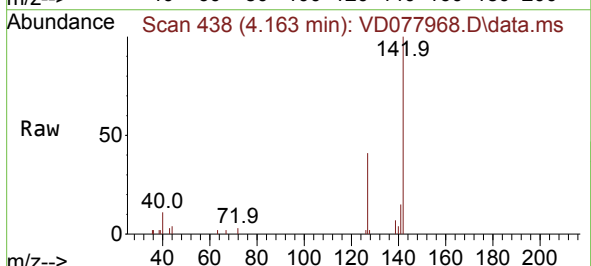
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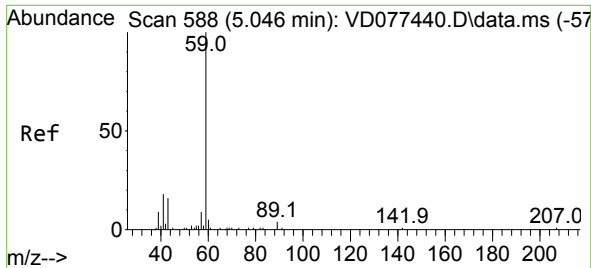
Tgt Ion:101 Resp: 31209
Ion Ratio Lower Upper
101 100
85 45.5 33.8 50.6
151 77.5 59.8 89.6



#10
Methyl Iodide
Concen: 23.242 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.006 min
Lab File: VD077968.D
Acq: 19 Dec 2023 12:28

Tgt Ion:142 Resp: 24477
Ion Ratio Lower Upper
142 100
127 42.9 29.4 44.0
141 16.2 11.1 16.7

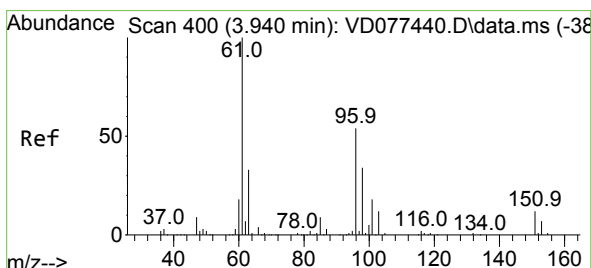
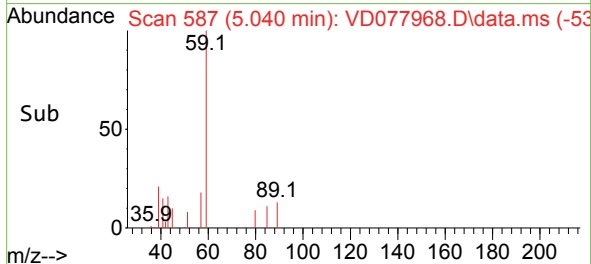
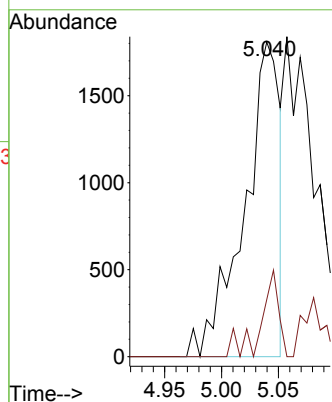
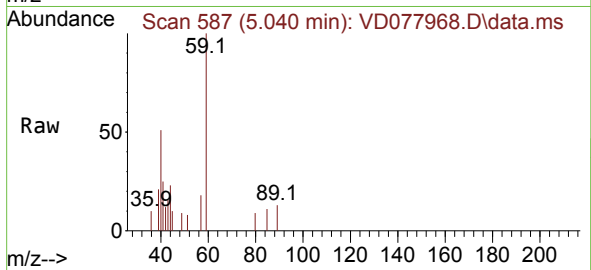




#11
Tert butyl alcohol
Concen: 48.273 ug/l
RT: 5.040 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD077968.D
Acq: 19 Dec 2023 12:28

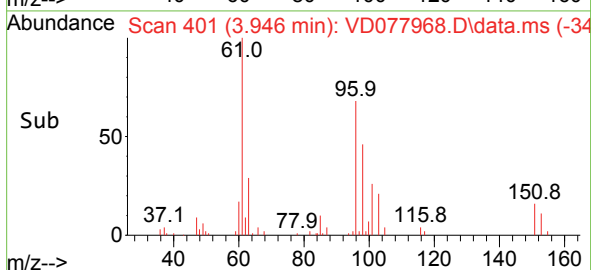
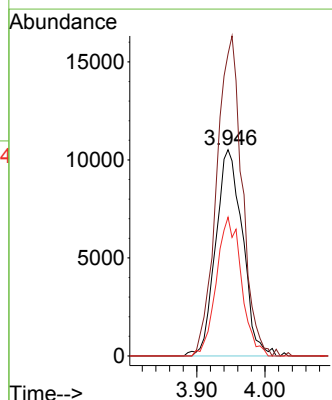
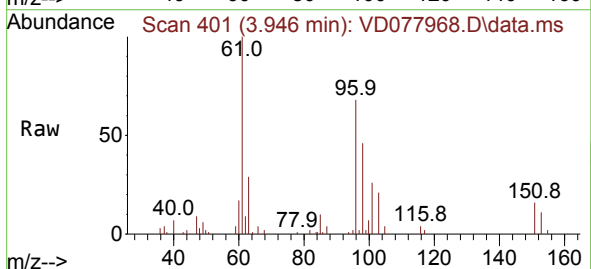
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 59 Resp: 3914
Ion Ratio Lower Upper
59 100
57 12.2 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 19.919 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD077968.D
Acq: 19 Dec 2023 12:28

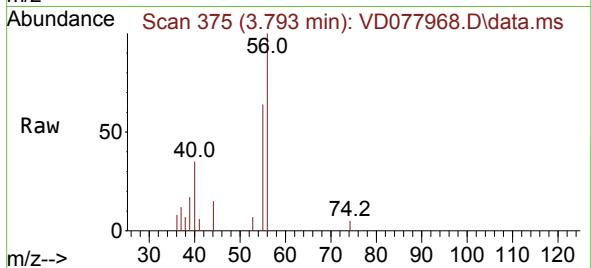
Tgt Ion: 96 Resp: 28787
Ion Ratio Lower Upper
96 100
61 146.5 100.6 150.8
98 67.3 50.2 75.2



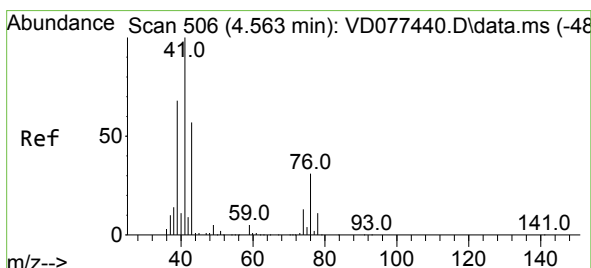
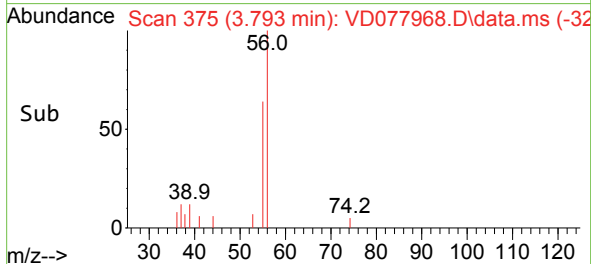
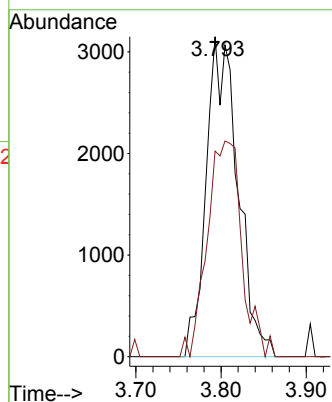


#13
Acrolein
Concen: 54.162 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD077968.D
Acq: 19 Dec 2023 12:28

Instrument :
MSVOA_D
ClientSampleId :

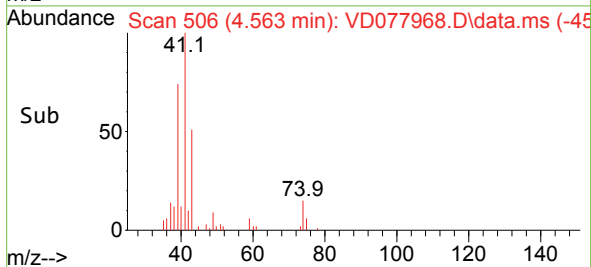
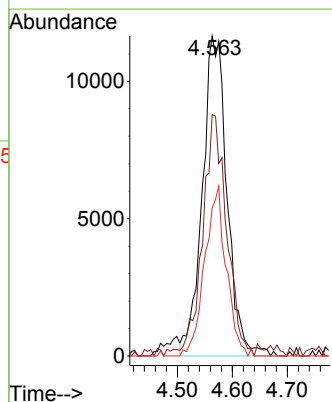
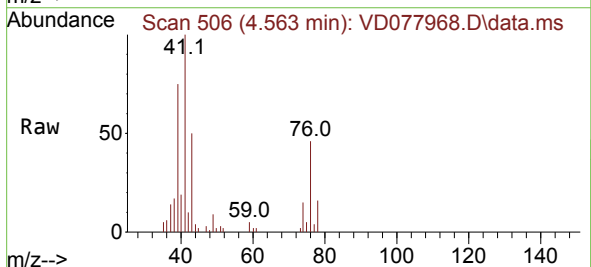


Tgt Ion: 56 Resp: 8117
Ion Ratio Lower Upper
56 100
55 73.7 55.1 82.7



#14
Allyl chloride
Concen: 18.322 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077968.D
Acq: 19 Dec 2023 12:28

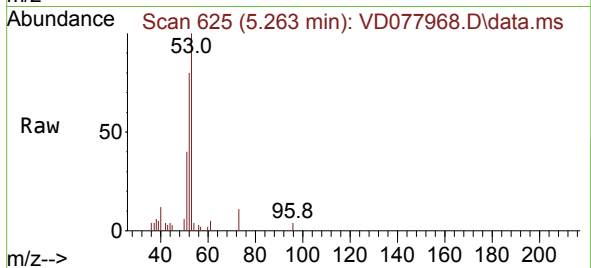
Tgt Ion: 41 Resp: 36419
Ion Ratio Lower Upper
41 100
39 74.1 53.8 80.6
76 46.2 45.8 68.8



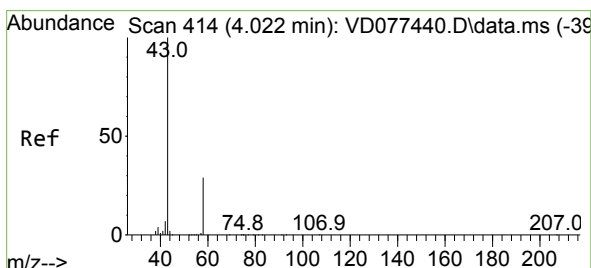
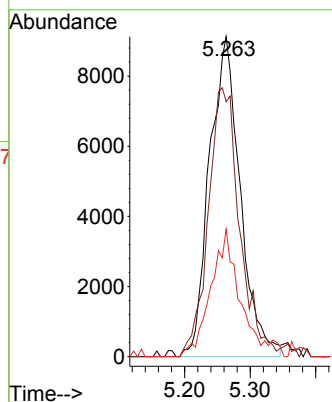


#15
Acrylonitrile
Concen: 96.497 ug/l
RT: 5.263 min Scan# 61
Delta R.T. 0.011 min
Lab File: VD077968.D
Acq: 19 Dec 2023 12:28

Instrument :
MSVOA_D
ClientSampleId :

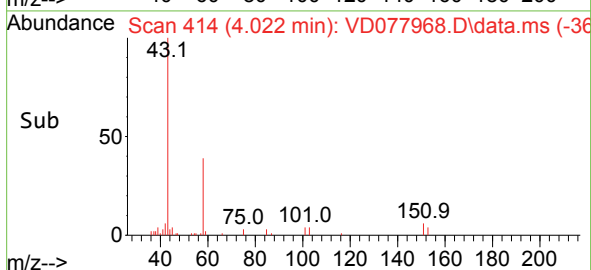
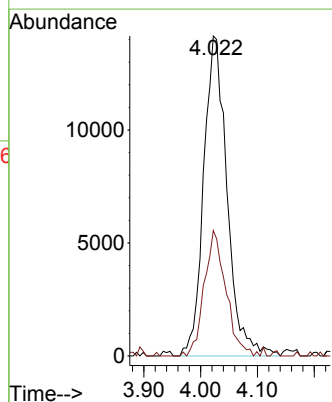
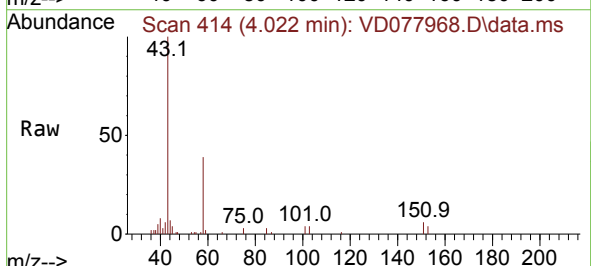


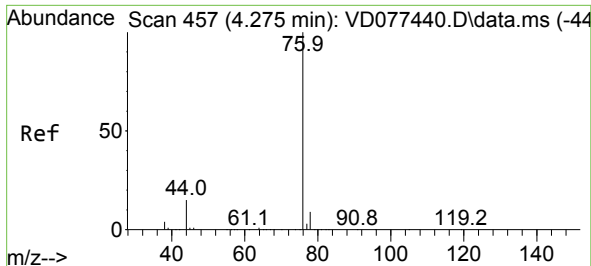
Tgt Ion	Ratio	Lower	Upper
53	100		
52	85.5	65.0	97.4
51	37.1	28.3	42.5



#16
Acetone
Concen: 115.495 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077968.D
Acq: 19 Dec 2023 12:28

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.2	34.7	52.1

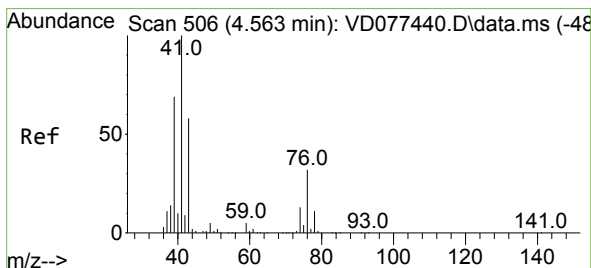
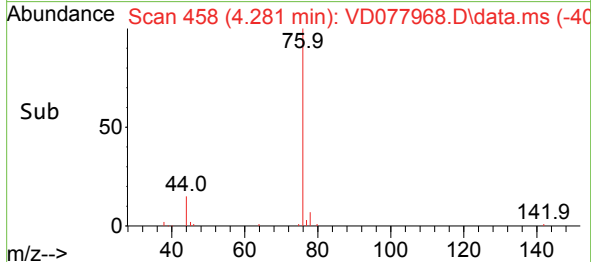
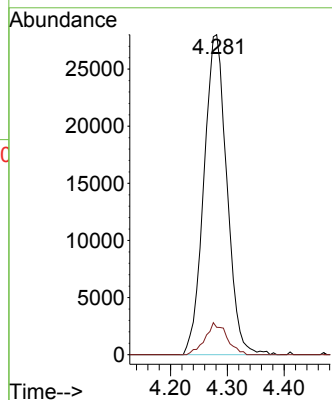
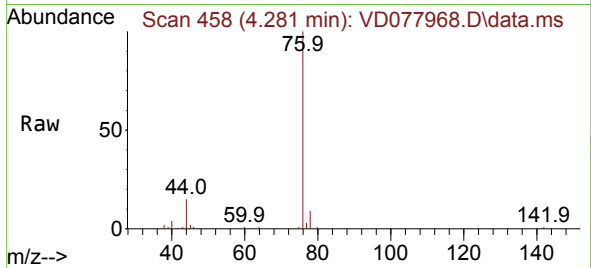




#17
Carbon Disulfide
Concen: 16.070 ug/l
RT: 4.281 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD077968.D
Acq: 19 Dec 2023 12:28

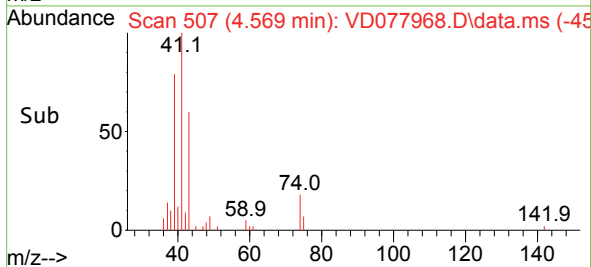
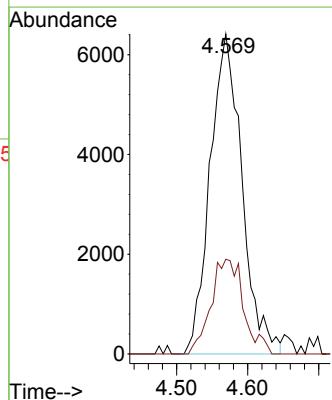
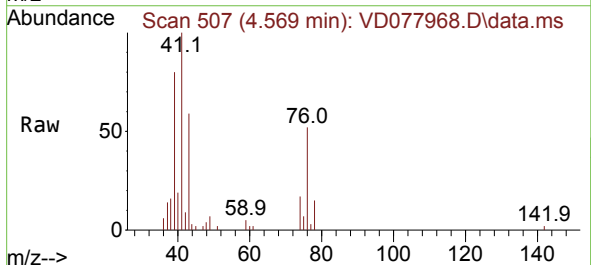
Instrument :
MSVOA_D
ClientSampleId :

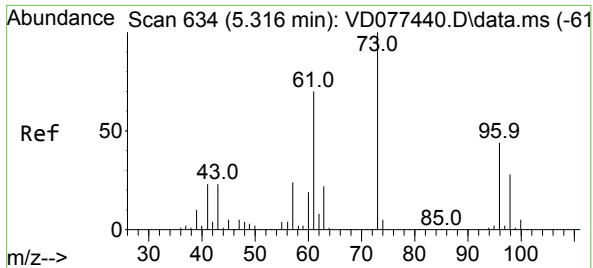
Tgt Ion: 76 Resp: 78573
Ion Ratio Lower Upper
76 100
78 8.6 6.8 10.2



#18
Methyl Acetate
Concen: 17.934 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077968.D
Acq: 19 Dec 2023 12:28

Tgt Ion: 43 Resp: 20010
Ion Ratio Lower Upper
43 100
74 28.7 26.4 39.6

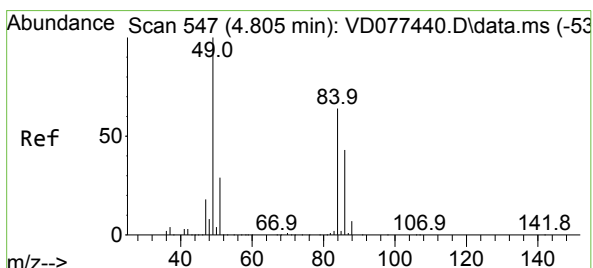
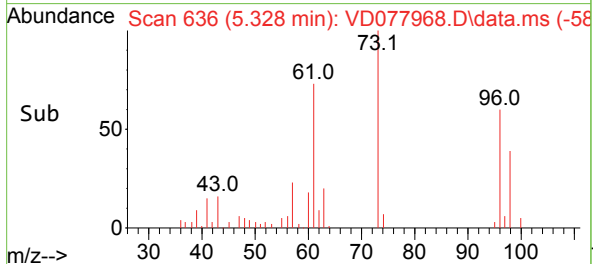
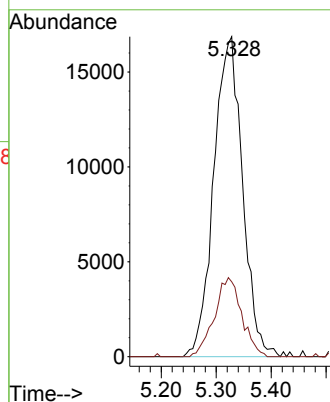
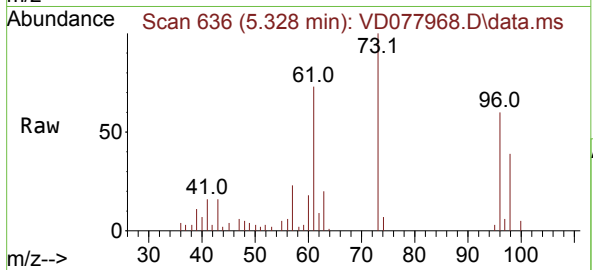




#19
Methyl tert-butyl Ether
Concen: 19.969 ug/l
RT: 5.328 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD077968.D
Acq: 19 Dec 2023 12:28

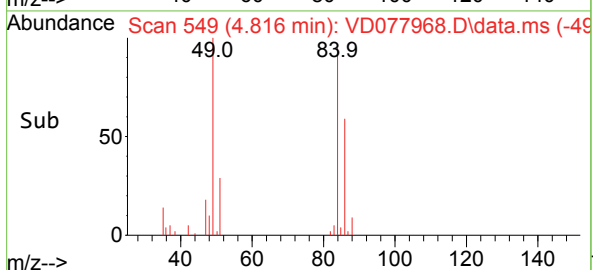
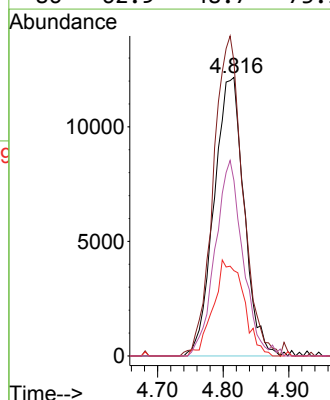
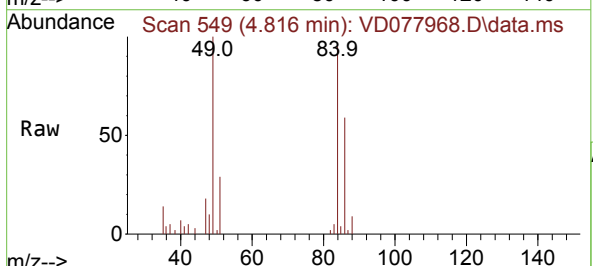
Instrument :
MSVOA_D
ClientSampleId :

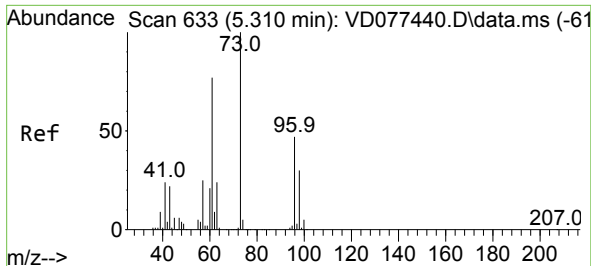
Tgt Ion: 73 Resp: 61230
Ion Ratio Lower Upper
73 100
57 23.4 16.6 25.0



#20
Methylene Chloride
Concen: 20.122 ug/l
RT: 4.816 min Scan# 549
Delta R.T. 0.011 min
Lab File: VD077968.D
Acq: 19 Dec 2023 12:28

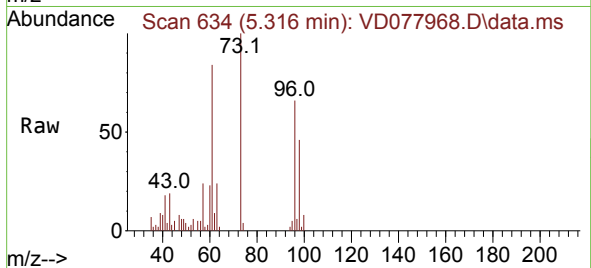
Tgt Ion: 84 Resp: 38617
Ion Ratio Lower Upper
84 100
49 105.7 71.4 107.2
51 30.6 24.5 36.7
86 62.9 48.7 73.1



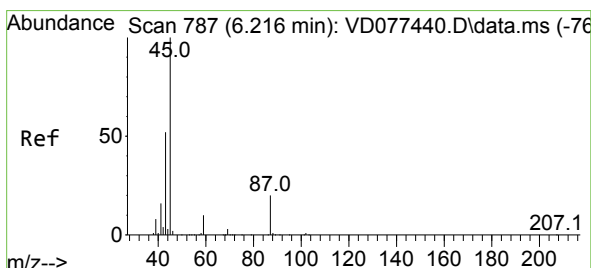
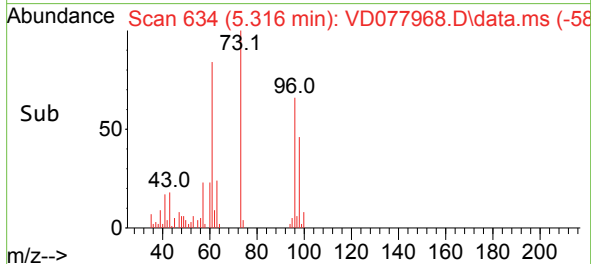
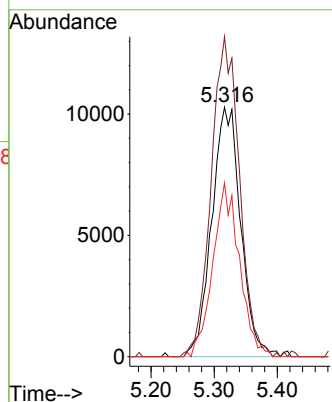


#21
trans-1,2-Dichloroethene
Concen: 20.008 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077968.D
Acq: 19 Dec 2023 12:28

Instrument :
MSVOA_D
ClientSampleId :

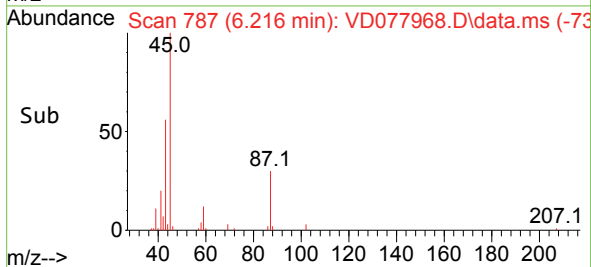
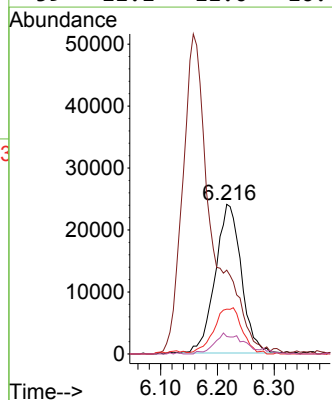
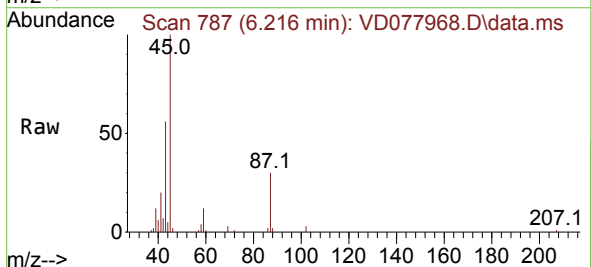


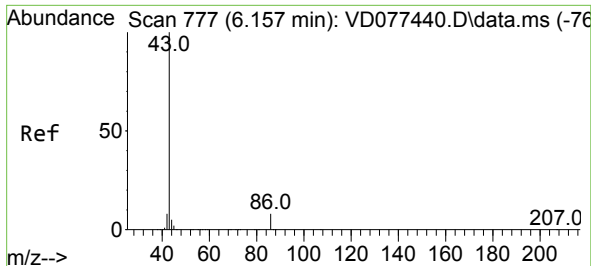
Tgt Ion: 96 Resp: 32752
Ion Ratio Lower Upper
96 100
61 128.3 89.3 133.9
98 69.7 48.6 73.0



#22
Diisopropyl ether
Concen: 18.360 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077968.D
Acq: 19 Dec 2023 12:28

Tgt Ion: 45 Resp: 76263
Ion Ratio Lower Upper
45 100
43 54.2 40.0 60.0
87 30.2 28.2 42.4
59 11.1 11.0 16.4

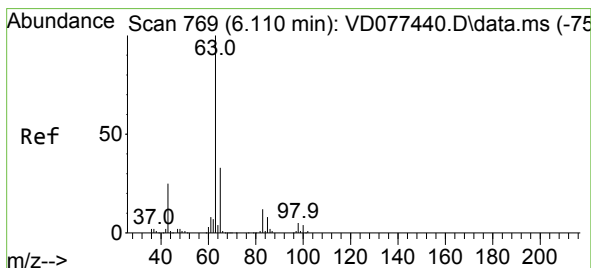
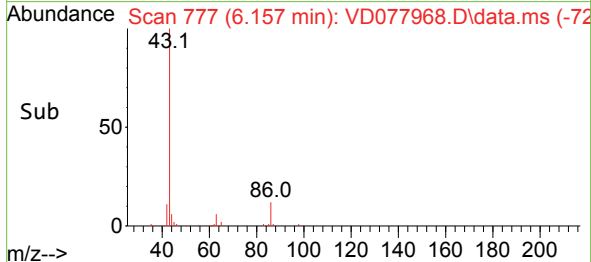
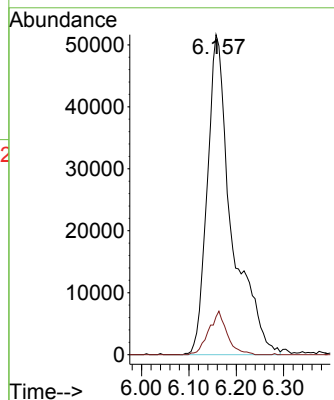
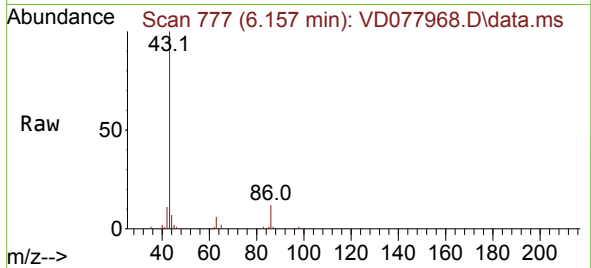




#23
 Vinyl Acetate
 Concen: 91.436 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD077968.D
 Acq: 19 Dec 2023 12:28

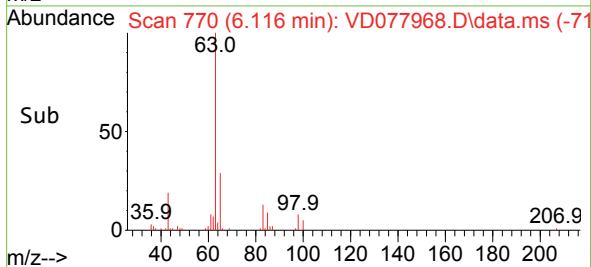
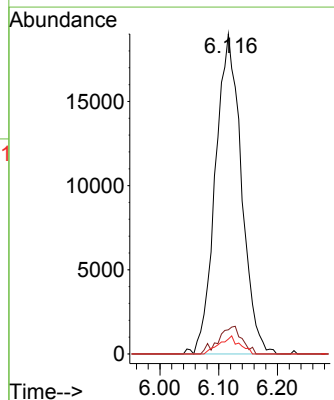
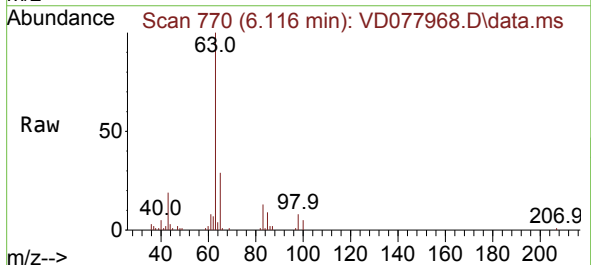
Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 43 Resp: 185470
 Ion Ratio Lower Upper
 43 100
 86 11.9 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 20.780 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD077968.D
 Acq: 19 Dec 2023 12:28

Tgt Ion: 63 Resp: 58453
 Ion Ratio Lower Upper
 63 100
 98 7.6 4.5 13.7
 100 4.7 2.5 7.5





#25

2-Butanone

Concen: 106.493 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD077968.D

Acq: 19 Dec 2023 12:28

Instrument :

MSVOA_D

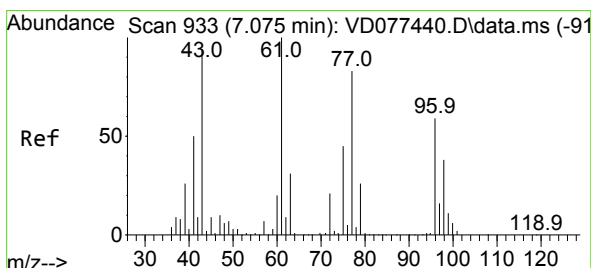
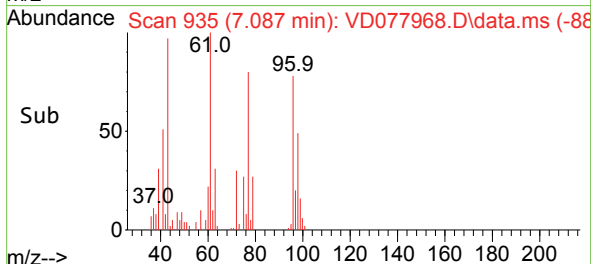
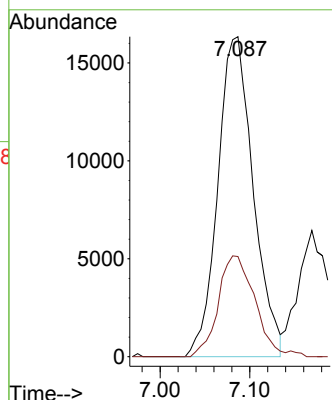
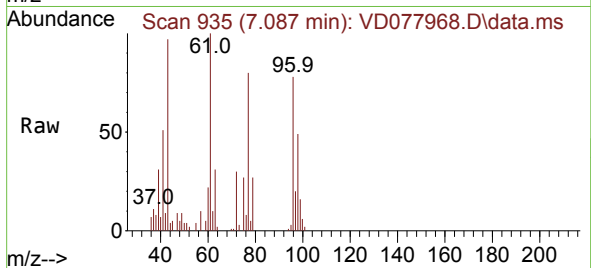
ClientSampleId :

Tgt Ion: 43 Resp: 44830

Ion Ratio Lower Upper

43 100

72 31.3 30.7 46.1



#26

2,2-Dichloropropane

Concen: 20.247 ug/l

RT: 7.081 min Scan# 934

Delta R.T. 0.006 min

Lab File: VD077968.D

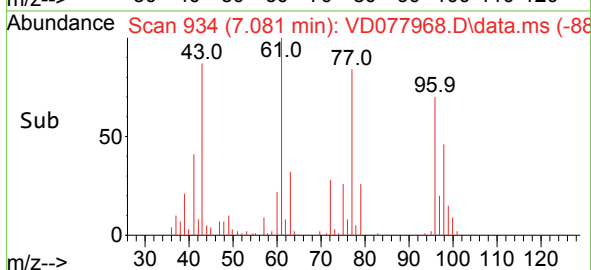
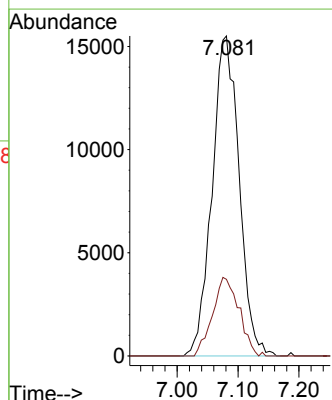
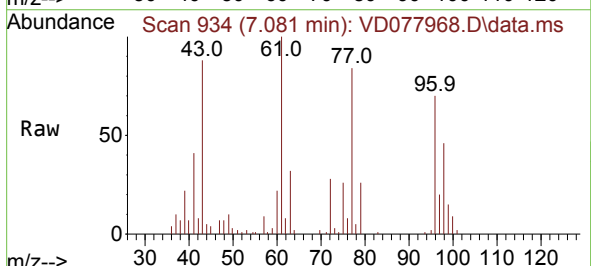
Acq: 19 Dec 2023 12:28

Tgt Ion: 77 Resp: 47817

Ion Ratio Lower Upper

77 100

97 24.1 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 20.942 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

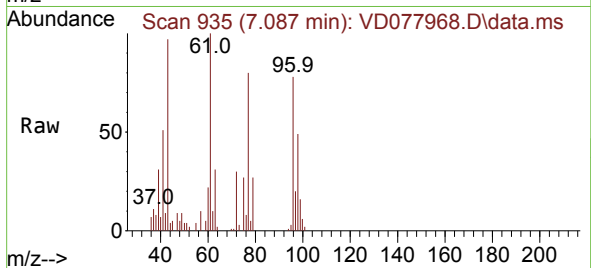
Lab File: VD077968.D

Acq: 19 Dec 2023 12:28

Instrument :

MSVOA_D

ClientSampleId :



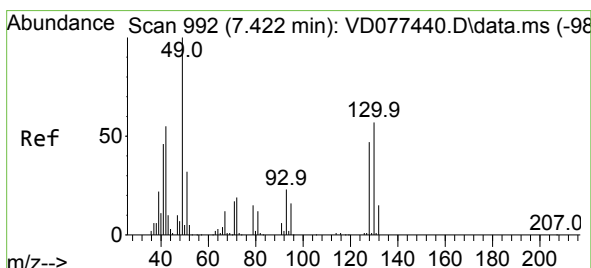
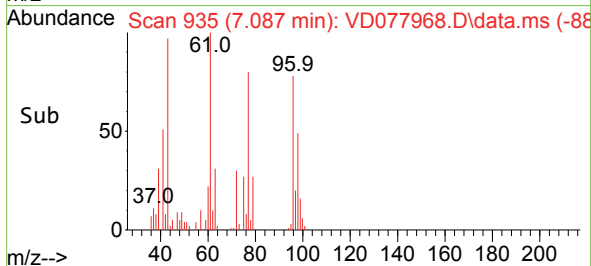
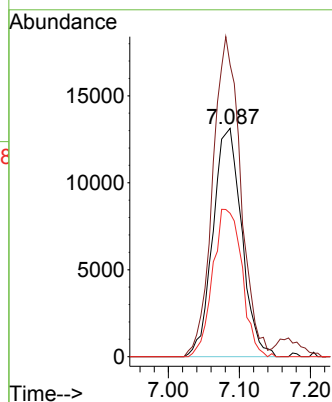
Tgt Ion: 96 Resp: 36888

Ion Ratio Lower Upper

96 100

61 136.6 0.0 239.2

98 65.6 0.0 128.6



#28

Bromochloromethane

Concen: 20.228 ug/l

RT: 7.434 min Scan# 994

Delta R.T. 0.012 min

Lab File: VD077968.D

Acq: 19 Dec 2023 12:28

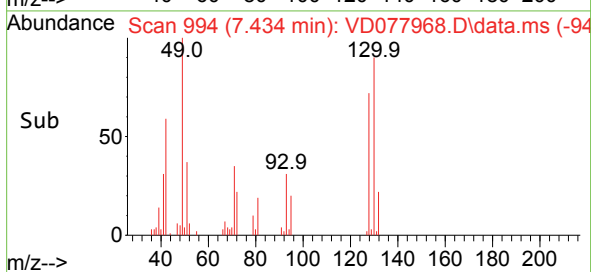
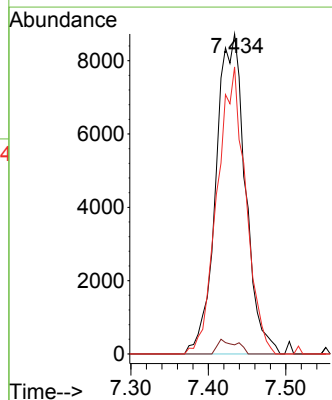
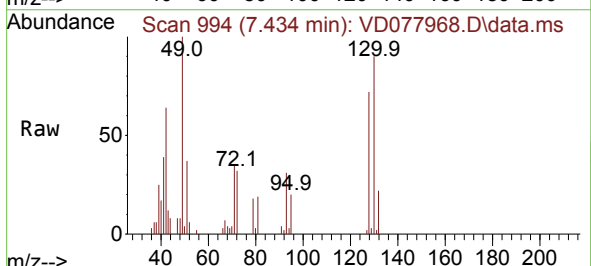
Tgt Ion: 49 Resp: 22992

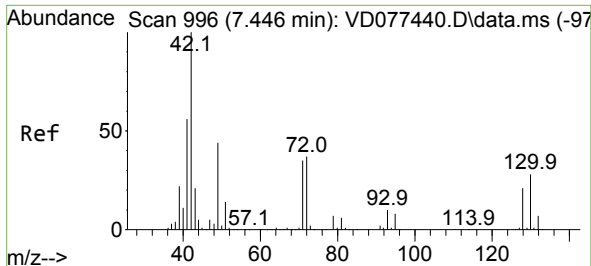
Ion Ratio Lower Upper

49 100

129 2.9 0.0 6.0

130 87.1 83.2 124.8





#29

Tetrahydrofuran

Concen: 90.353 ug/l

RT: 7.440 min Scan# 996

Delta R.T. -0.006 min

Lab File: VD077968.D

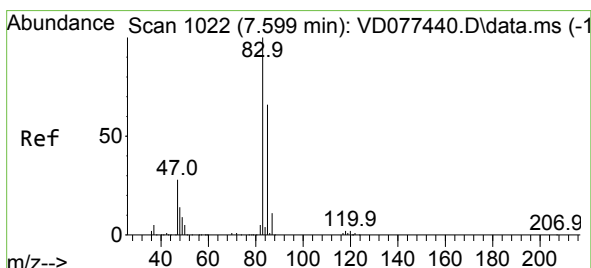
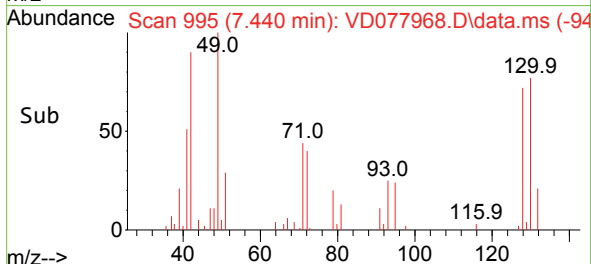
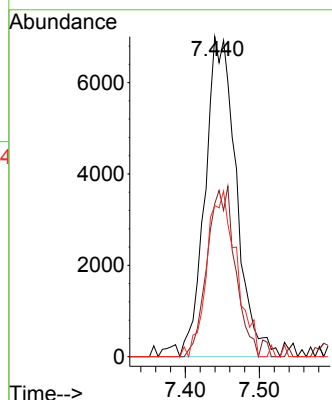
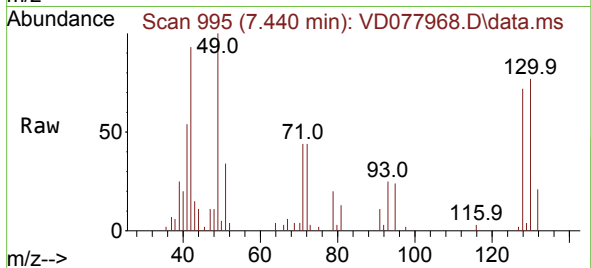
Acq: 19 Dec 2023 12:28

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	42	Resp:	20384
Ion	Ratio	Lower	Upper
42	100		
72	47.9	46.5	69.7
71	49.2	44.5	66.7



#30

Chloroform

Concen: 21.692 ug/l

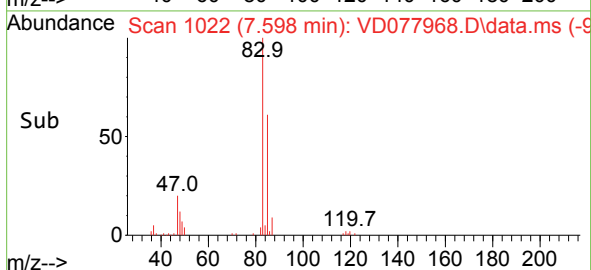
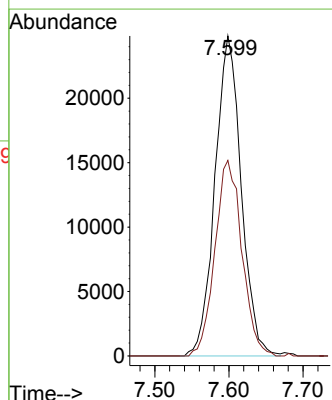
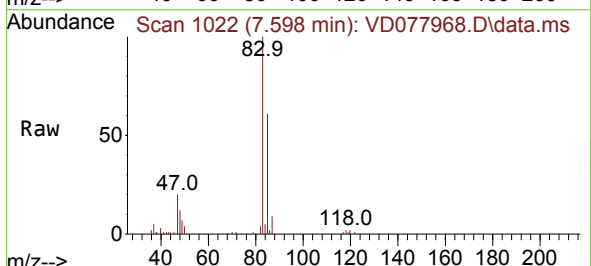
RT: 7.598 min Scan# 1022

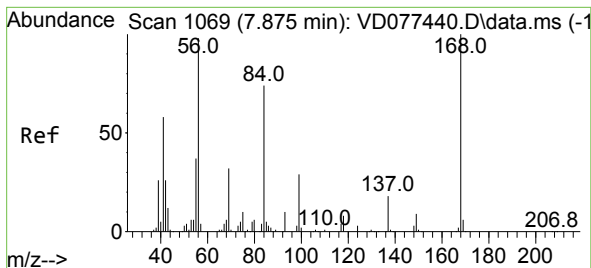
Delta R.T. -0.001 min

Lab File: VD077968.D

Acq: 19 Dec 2023 12:28

Tgt Ion:	83	Resp:	61068
Ion	Ratio	Lower	Upper
83	100		
85	61.1	53.4	80.2





#31

Cyclohexane

Concen: 17.725 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

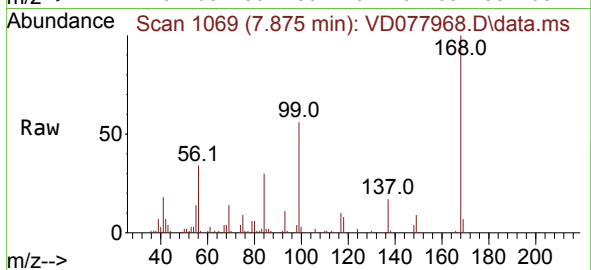
Lab File: VD077968.D

Acq: 19 Dec 2023 12:28

Instrument :

MSVOA_D

ClientSampleId :



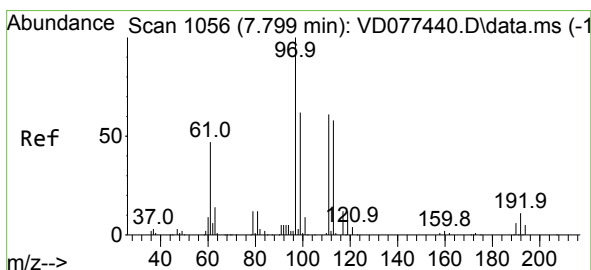
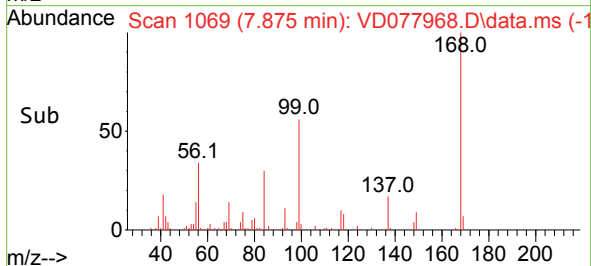
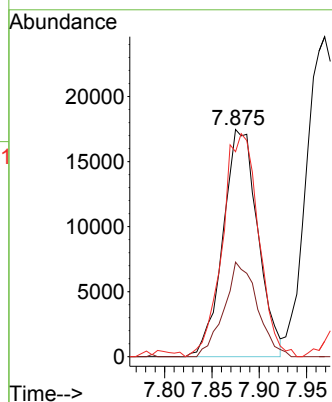
Tgt Ion: 56 Resp: 44665

Ion Ratio Lower Upper

56 100

69 41.6 28.6 43.0

84 88.2 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 20.932 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VD077968.D

Acq: 19 Dec 2023 12:28

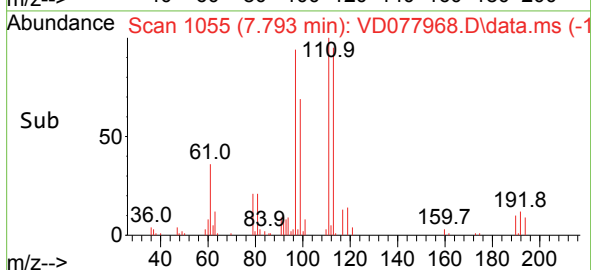
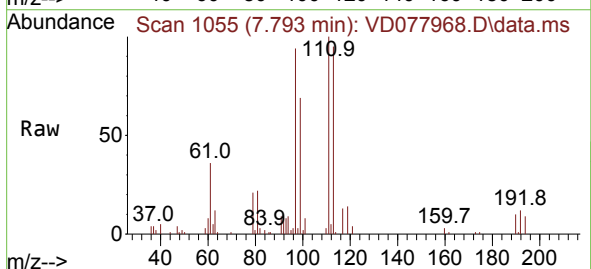
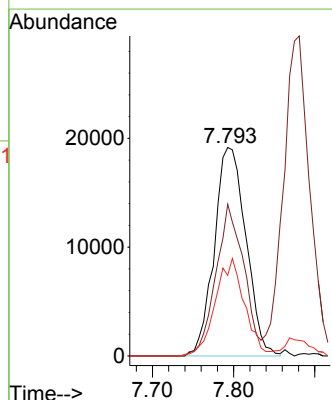
Tgt Ion: 97 Resp: 51948

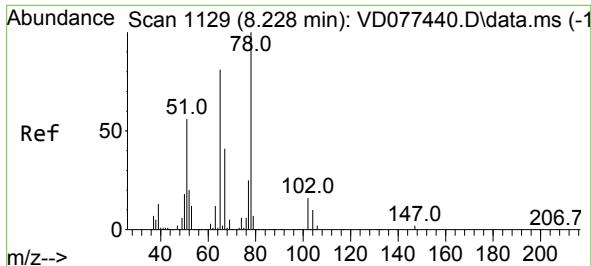
Ion Ratio Lower Upper

97 100

99 64.2 52.0 78.0

61 43.1 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 51.518 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD077968.D

Acq: 19 Dec 2023 12:28

Instrument :

MSVOA_D

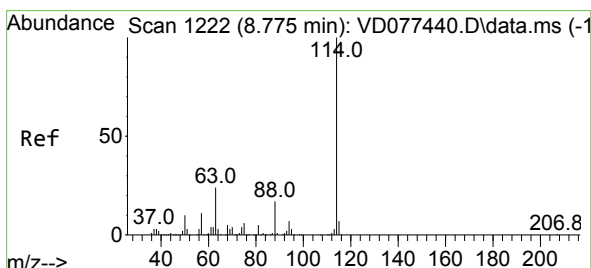
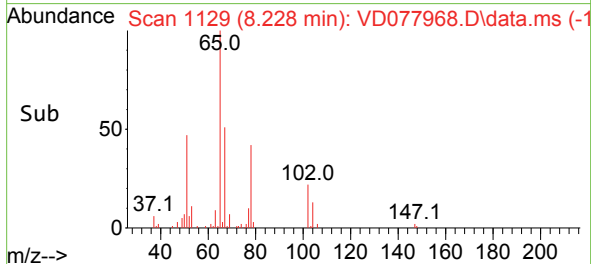
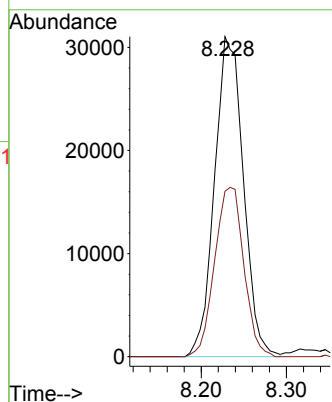
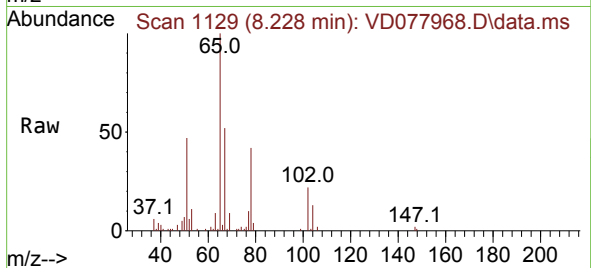
ClientSampleId :

Tgt Ion: 65 Resp: 72988

Ion Ratio Lower Upper

65 100

67 53.5 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD077968.D

Acq: 19 Dec 2023 12:28

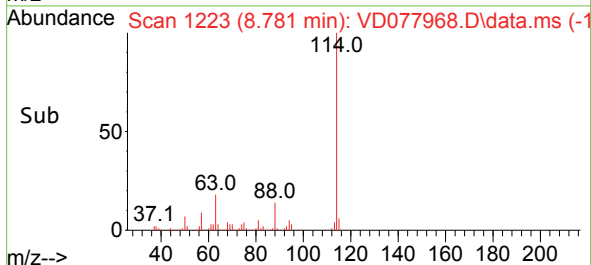
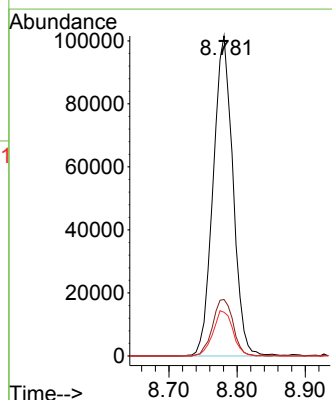
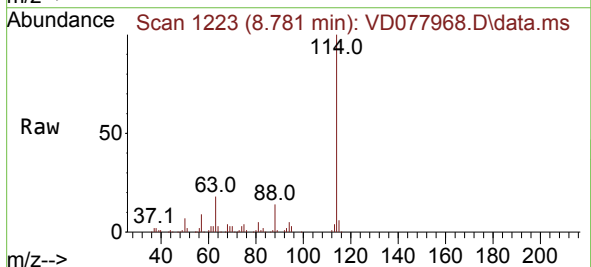
Tgt Ion: 114 Resp: 204951

Ion Ratio Lower Upper

114 100

63 17.7 0.0 33.4

88 13.7 0.0 26.2





#35

Dibromofluoromethane

Concen: 54.538 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

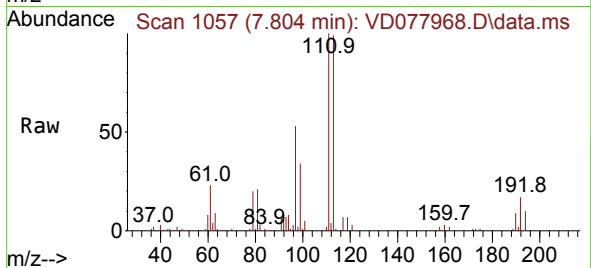
Lab File: VD077968.D

Acq: 19 Dec 2023 12:28

Instrument :

MSVOA_D

ClientSampleId :



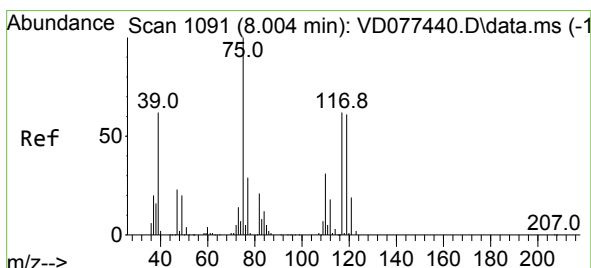
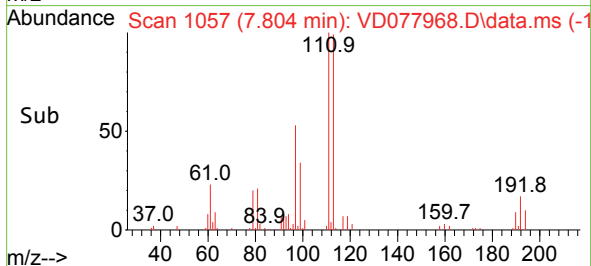
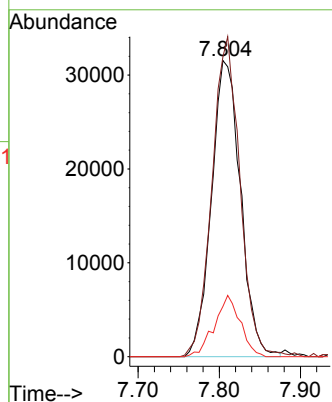
Tgt Ion:113 Resp: 78295

Ion Ratio Lower Upper

113 100

111 104.3 84.7 127.1

192 18.4 16.8 25.2



#36

1,1-Dichloropropene

Concen: 19.705 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.006 min

Lab File: VD077968.D

Acq: 19 Dec 2023 12:28

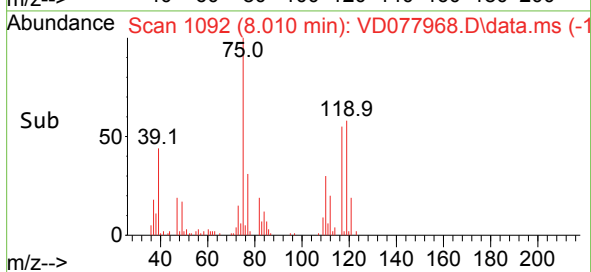
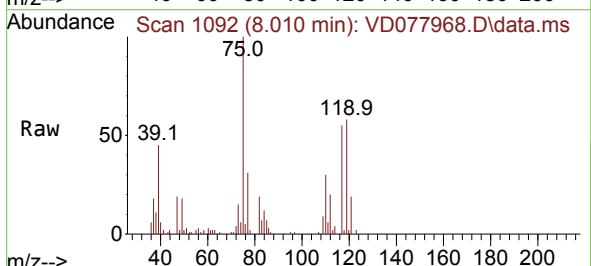
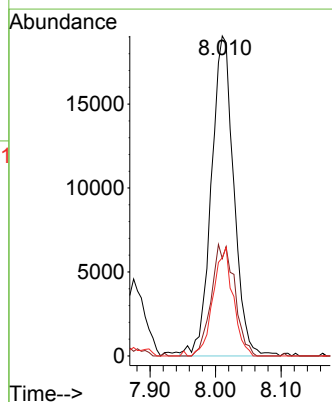
Tgt Ion: 75 Resp: 45250

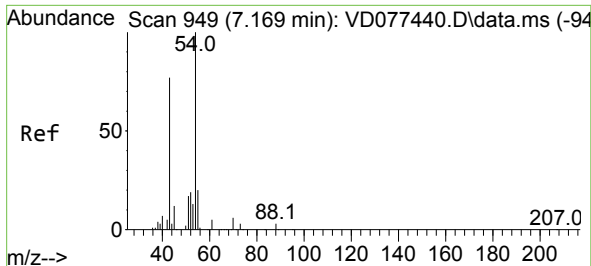
Ion Ratio Lower Upper

75 100

110 36.3 19.9 59.6

77 30.2 24.7 37.1

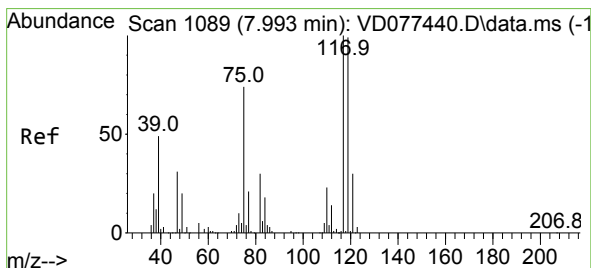
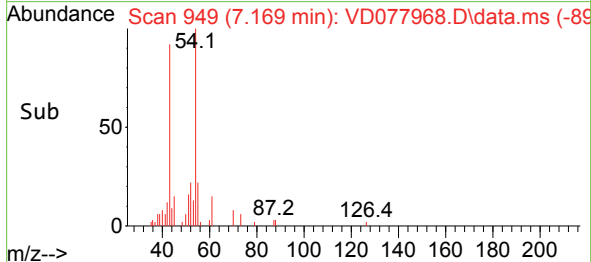
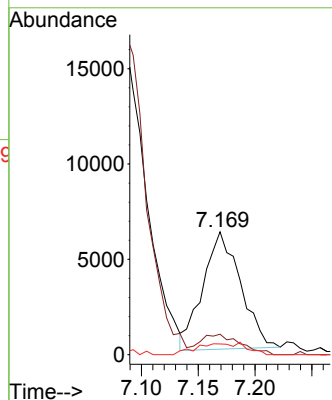
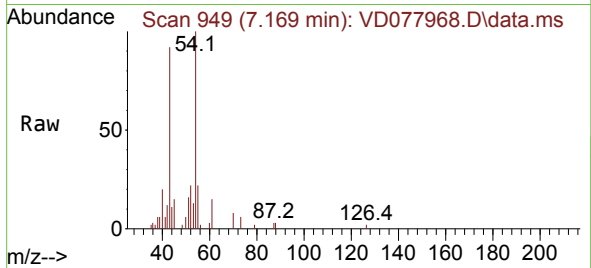




#37
Ethyl Acetate
Concen: 15.827 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD077968.D
Acq: 19 Dec 2023 12:28

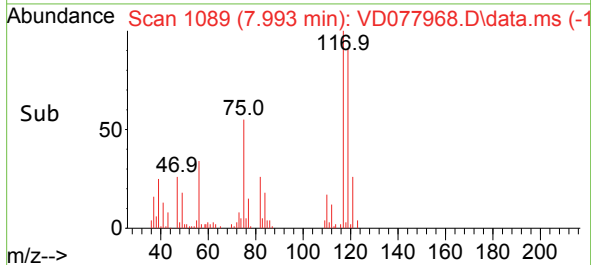
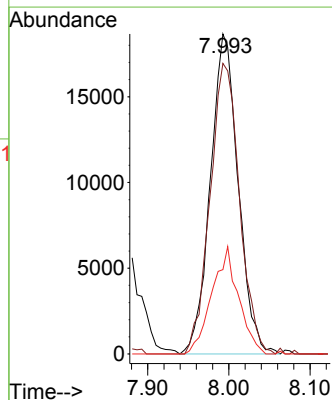
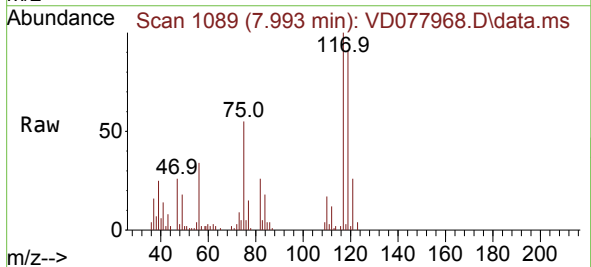
Instrument :
MSVOA_D
ClientSampleId :

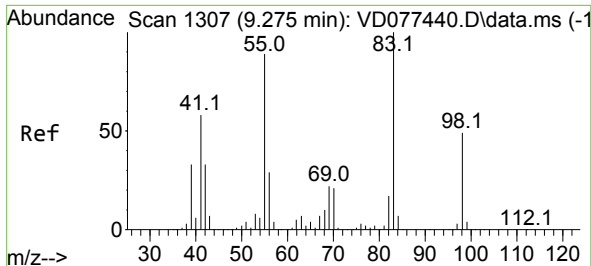
Tgt Ion: 43 Resp: 14171
Ion Ratio Lower Upper
43 100
61 17.6 14.9 22.3
70 12.7 10.0 15.0



#38
Carbon Tetrachloride
Concen: 19.430 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD077968.D
Acq: 19 Dec 2023 12:28

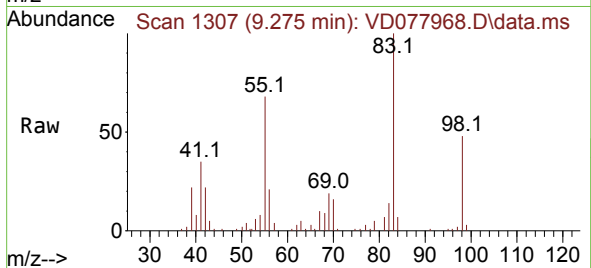
Tgt Ion: 117 Resp: 44480
Ion Ratio Lower Upper
117 100
119 90.8 78.0 117.0
121 26.3 24.2 36.2



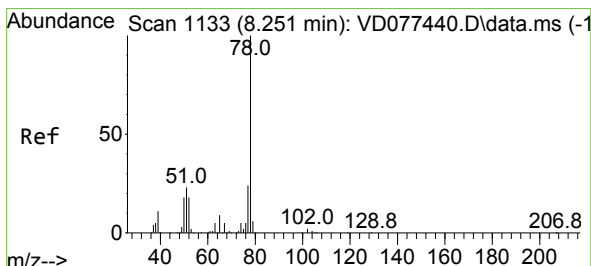
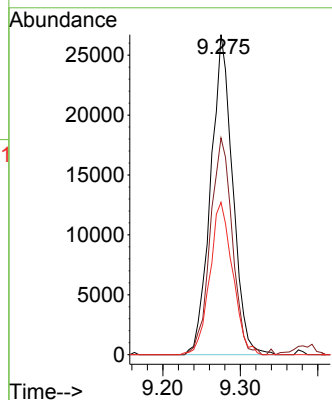
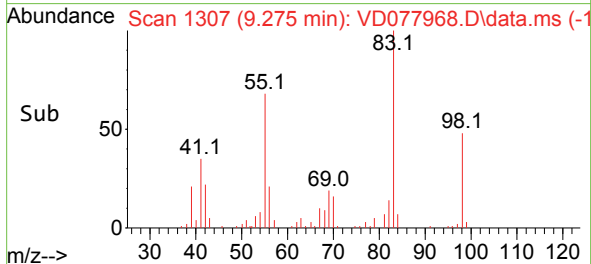


#39
Methylcyclohexane
Concen: 19.321 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. -0.000 min
Lab File: VD077968.D
Acq: 19 Dec 2023 12:28

Instrument :
MSVOA_D
ClientSampleId :

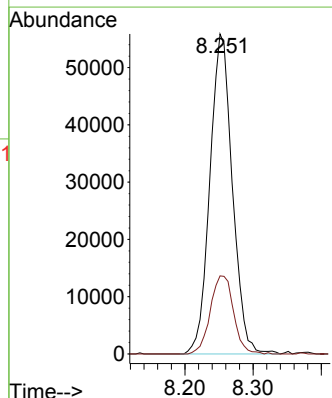
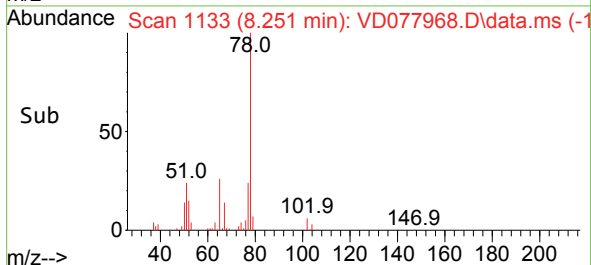
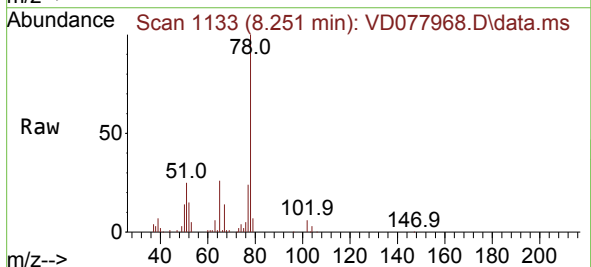


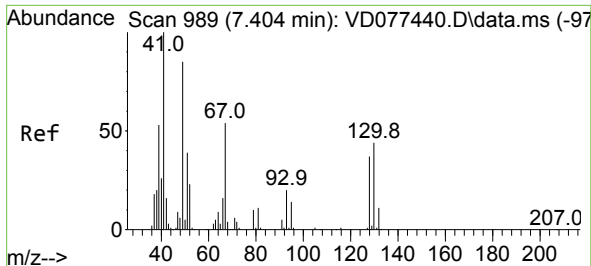
Tgt Ion: 83 Resp: 52597
Ion Ratio Lower Upper
83 100
55 67.8 49.4 74.0
98 47.6 38.4 57.6



#40
Benzene
Concen: 19.681 ug/l
RT: 8.251 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD077968.D
Acq: 19 Dec 2023 12:28

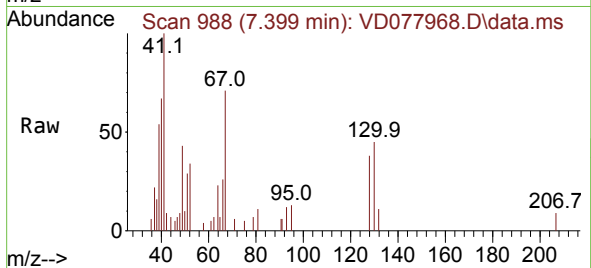
Tgt Ion: 78 Resp: 128271
Ion Ratio Lower Upper
78 100
77 24.4 19.4 29.0



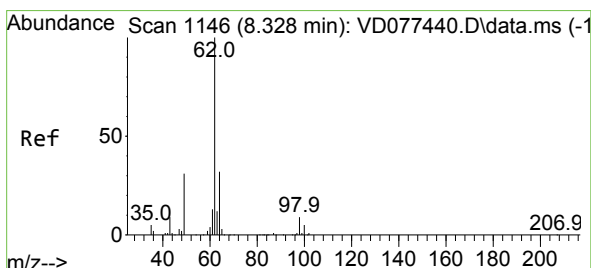
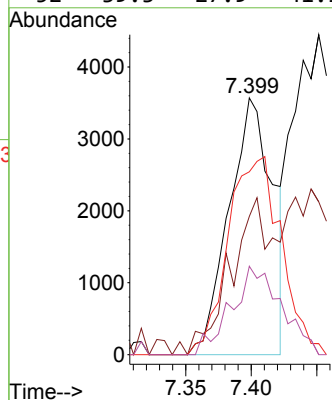
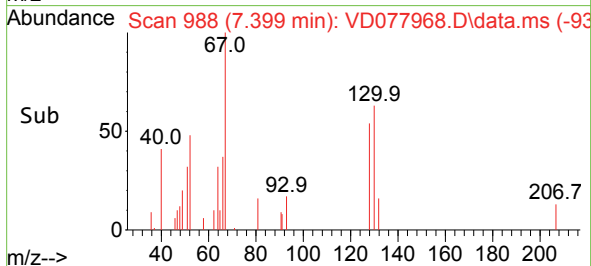


#41
Methacrylonitrile
Concen: 18.194 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.005 min
Lab File: VD077968.D
Acq: 19 Dec 2023 12:28

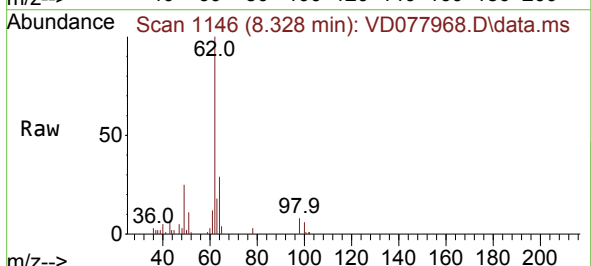
Instrument :
MSVOA_D
ClientSampleId :



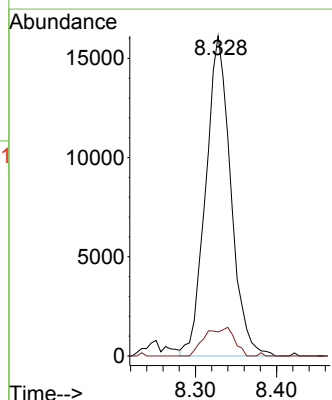
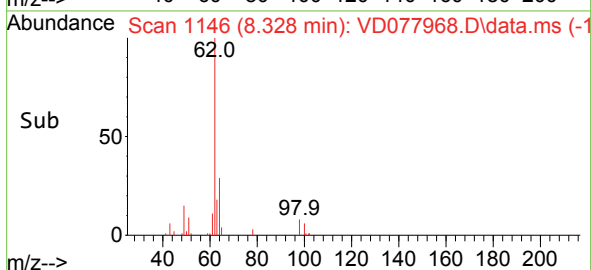
Tgt Ion: 41 Resp: 8280
Ion Ratio Lower Upper
41 100
39 61.6 34.0 51.0#
67 93.3 77.0 115.4
52 39.3 27.9 41.9

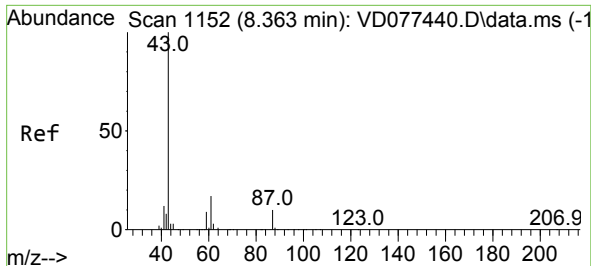


#42
1,2-Dichloroethane
Concen: 20.432 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD077968.D
Acq: 19 Dec 2023 12:28



Tgt Ion: 62 Resp: 34518
Ion Ratio Lower Upper
62 100
98 10.5 0.0 25.4





#43

Isopropyl Acetate

Concen: 18.788 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.000 min

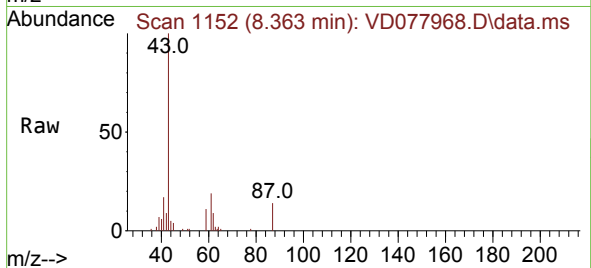
Lab File: VD077968.D

Acq: 19 Dec 2023 12:28

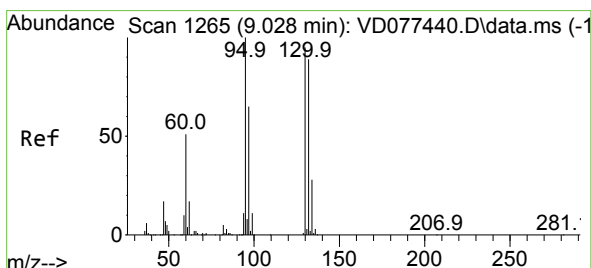
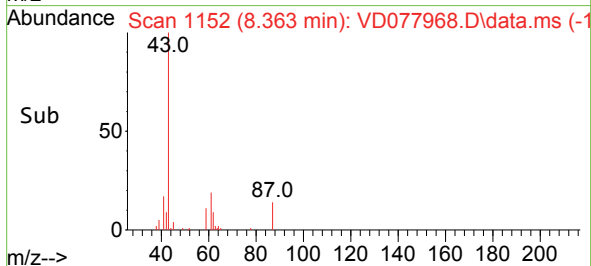
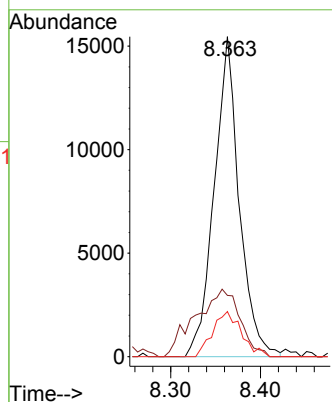
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	43	Resp:	29904
Ion	Ratio	Lower	Upper
43	100		
61	37.5	31.4	47.0
87	16.3	14.9	22.3



#44

Trichloroethene

Concen: 20.412 ug/l

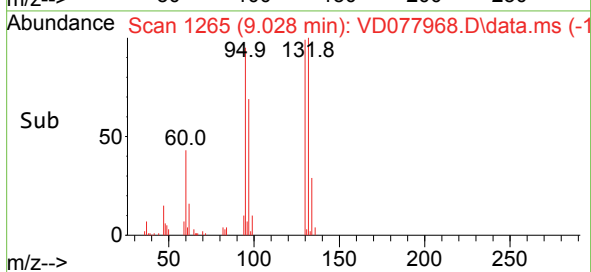
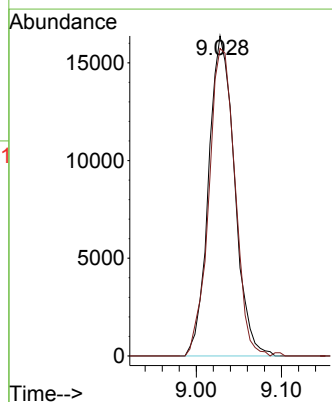
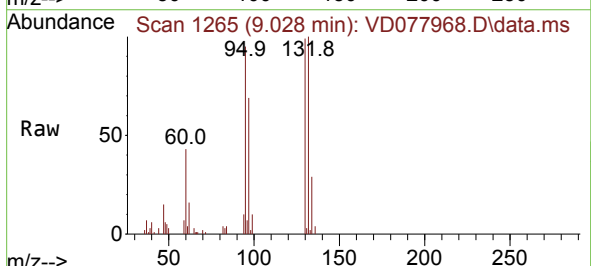
RT: 9.028 min Scan# 1265

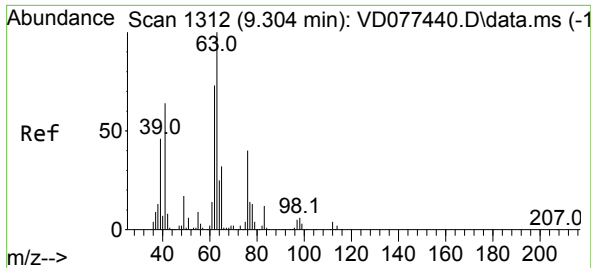
Delta R.T. -0.000 min

Lab File: VD077968.D

Acq: 19 Dec 2023 12:28

Tgt Ion:	130	Resp:	34669
Ion	Ratio	Lower	Upper
130	100		
95	96.1	0.0	179.2

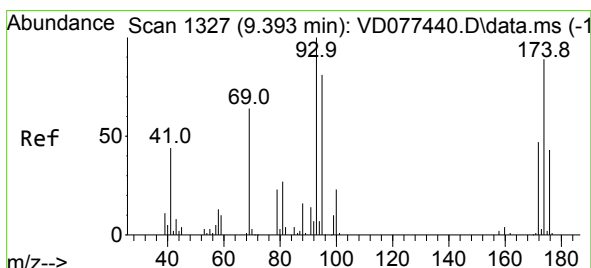
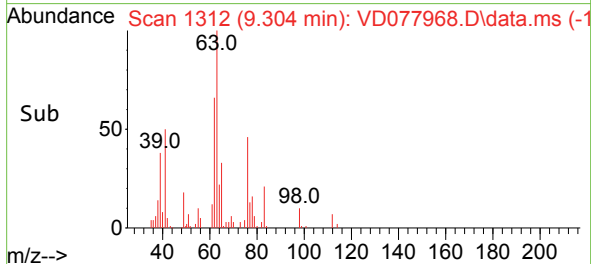
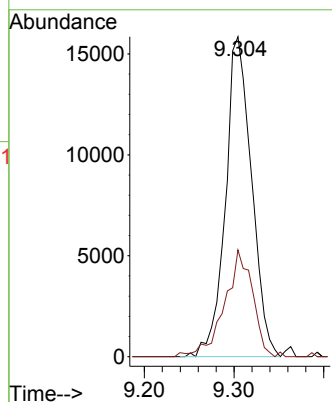
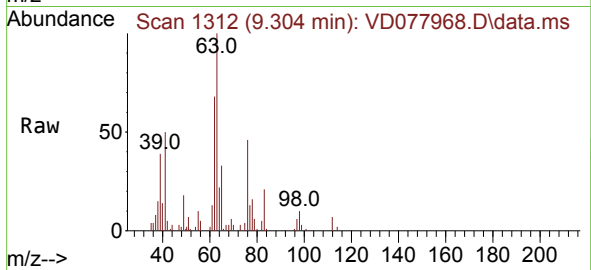




#45
1,2-Dichloropropane
Concen: 20.186 ug/l
RT: 9.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077968.D
Acq: 19 Dec 2023 12:28

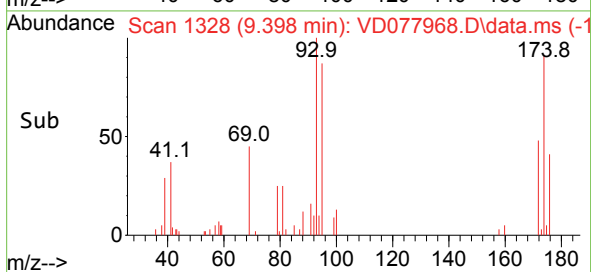
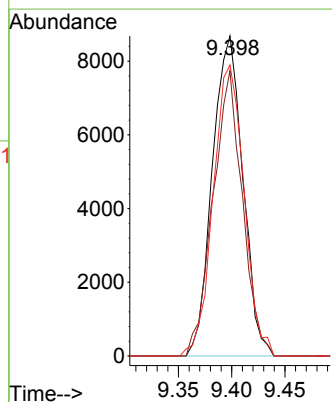
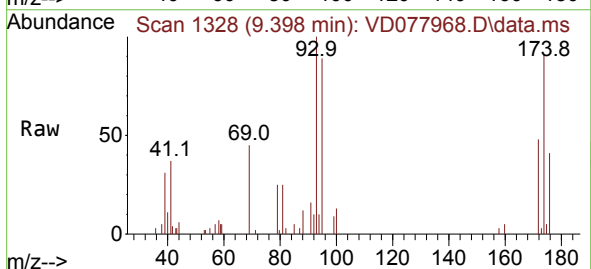
Instrument :
MSVOA_D
ClientSampleId :

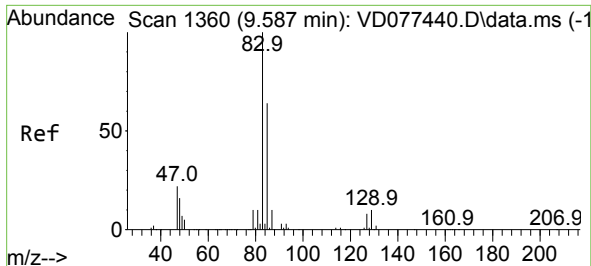
Tgt Ion: 63 Resp: 31982
Ion Ratio Lower Upper
63 100
65 32.1 24.5 36.7



#46
Dibromomethane
Concen: 20.604 ug/l
RT: 9.398 min Scan# 1328
Delta R.T. 0.005 min
Lab File: VD077968.D
Acq: 19 Dec 2023 12:28

Tgt Ion: 93 Resp: 17273
Ion Ratio Lower Upper
93 100
95 85.9 67.7 101.5
174 92.1 85.4 128.2

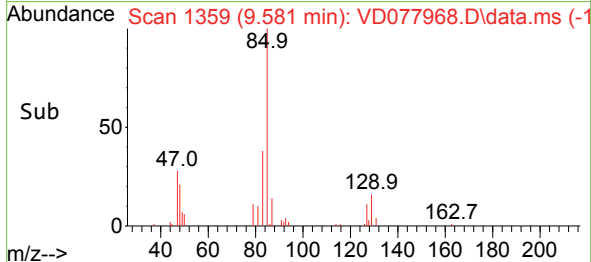
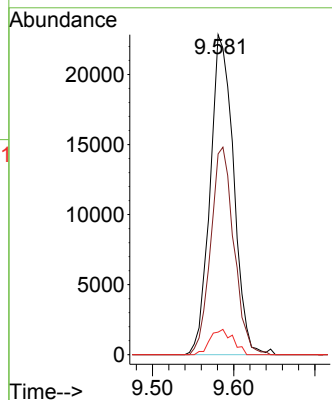
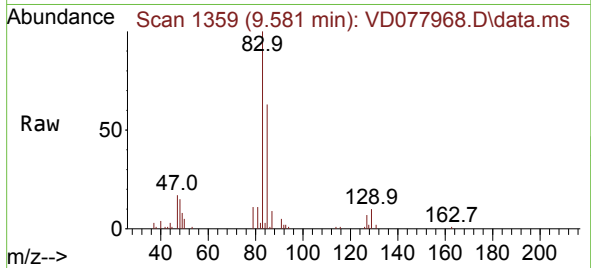




#47
Bromodichloromethane
Concen: 21.566 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD077968.D
Acq: 19 Dec 2023 12:28

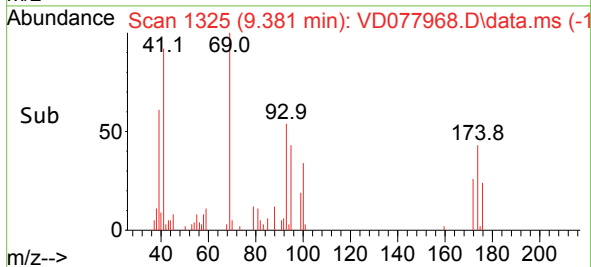
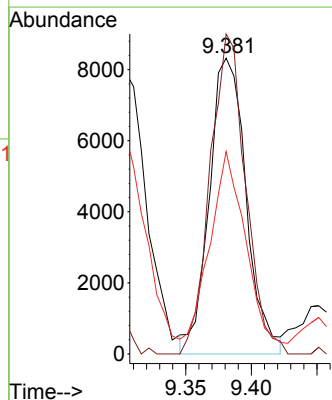
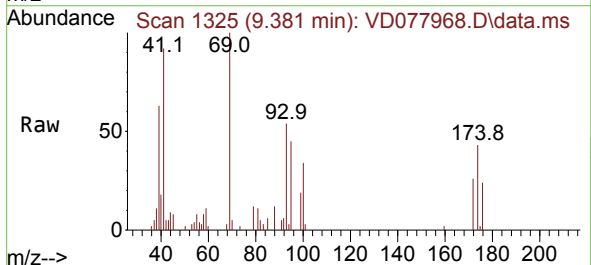
Instrument :
MSVOA_D
ClientSampleId :

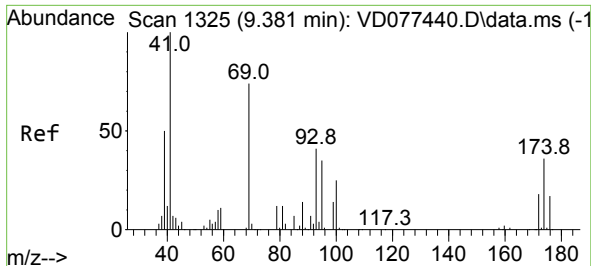
Tgt Ion: 83 Resp: 45824
Ion Ratio Lower Upper
83 100
85 62.7 50.2 75.4
127 7.0 6.3 9.5



#48
Methyl methacrylate
Concen: 17.967 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD077968.D
Acq: 19 Dec 2023 12:28

Tgt Ion: 41 Resp: 16256
Ion Ratio Lower Upper
41 100
69 103.9 102.2 153.2
39 60.3 41.4 62.2





#49

1,4-Dioxane

Concen: 400.397 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077968.D

Acq: 19 Dec 2023 12:28

Instrument :

MSVOA_D

ClientSampleId :

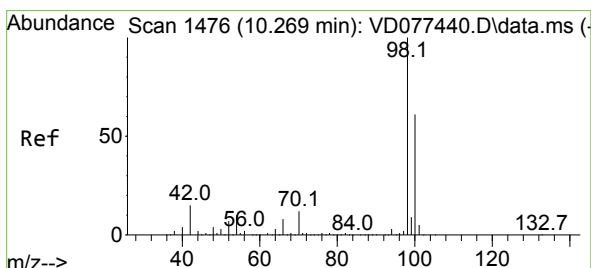
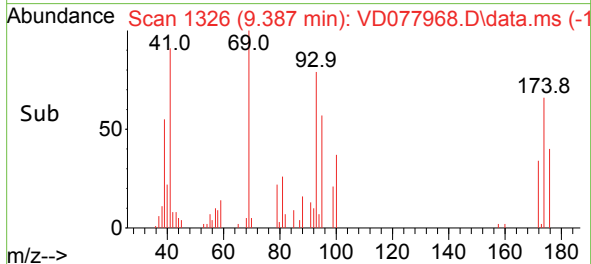
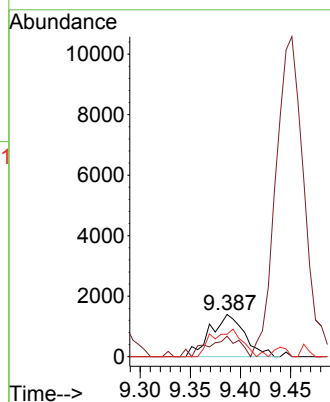
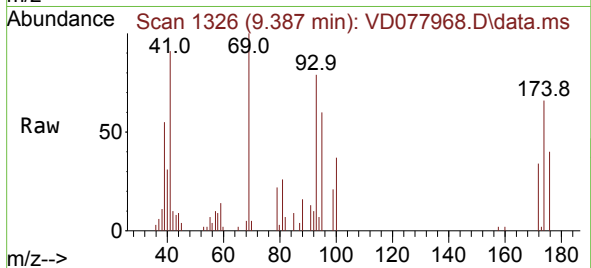
Tgt Ion: 88 Resp: 3333

Ion Ratio Lower Upper

88 100

43 44.8 19.0 28.6#

58 55.9 43.5 65.3



#50

Toluene-d8

Concen: 52.292 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD077968.D

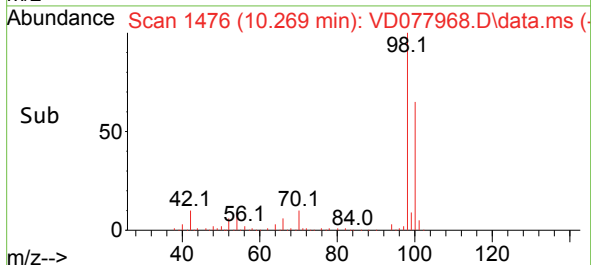
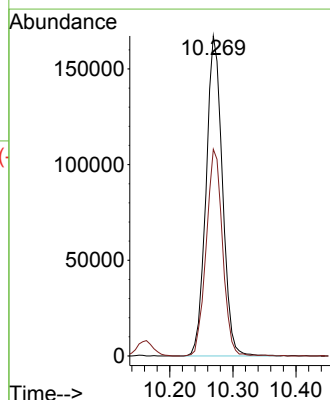
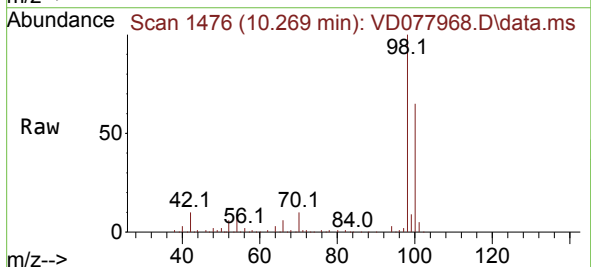
Acq: 19 Dec 2023 12:28

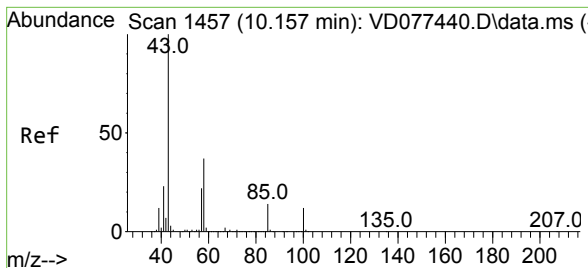
Tgt Ion: 98 Resp: 300672

Ion Ratio Lower Upper

98 100

100 64.5 50.3 75.5

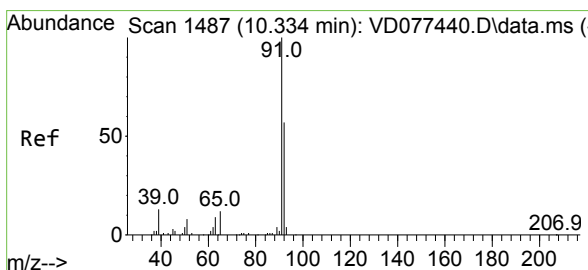
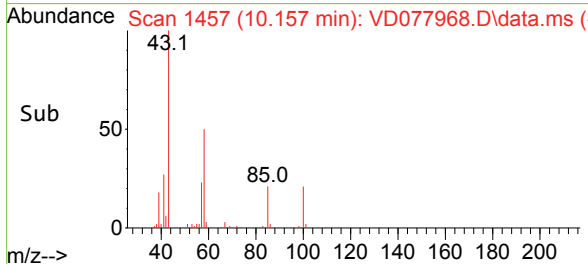
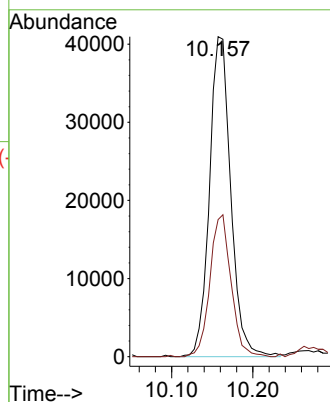
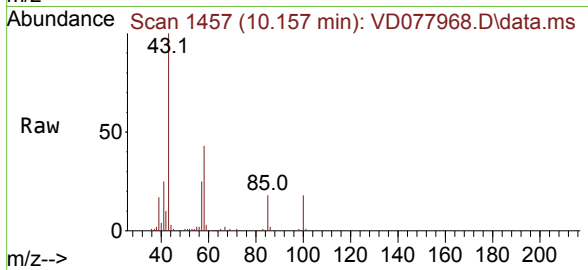




#51
4-Methyl-2-Pentanone
Concen: 91.986 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077968.D
Acq: 19 Dec 2023 12:28

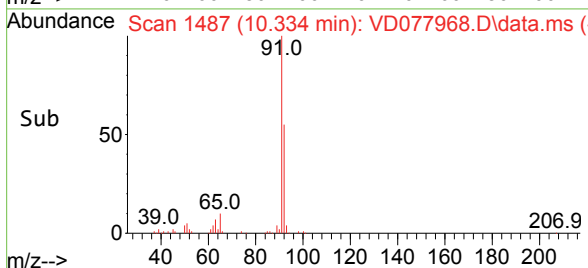
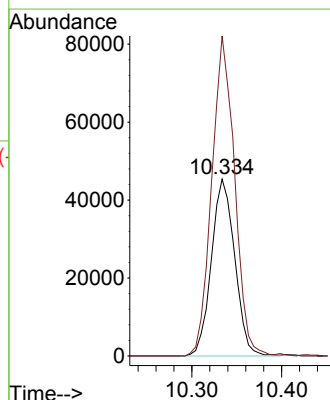
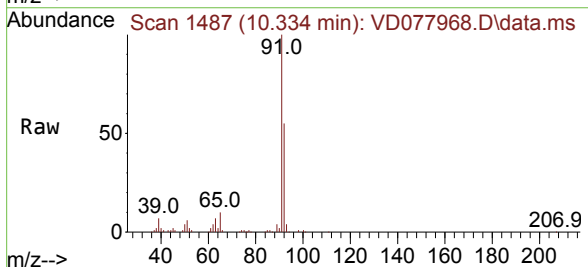
Instrument :
MSVOA_D
ClientSampleId :

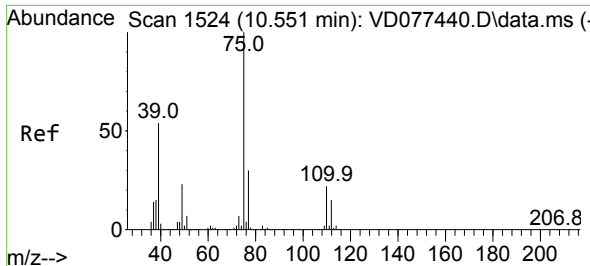
Tgt Ion: 43 Resp: 74723
Ion Ratio Lower Upper
43 100
58 43.8 38.9 58.3



#52
Toluene
Concen: 20.285 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077968.D
Acq: 19 Dec 2023 12:28

Tgt Ion: 92 Resp: 82009
Ion Ratio Lower Upper
92 100
91 177.0 143.0 214.4

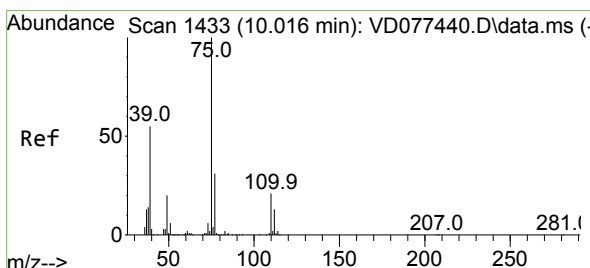
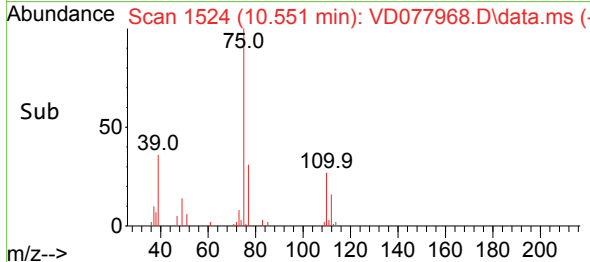
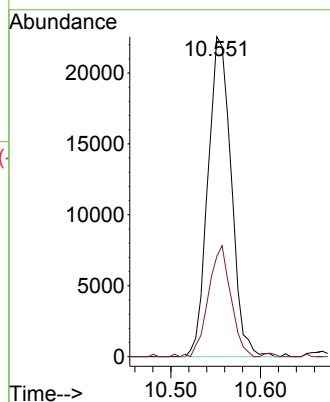
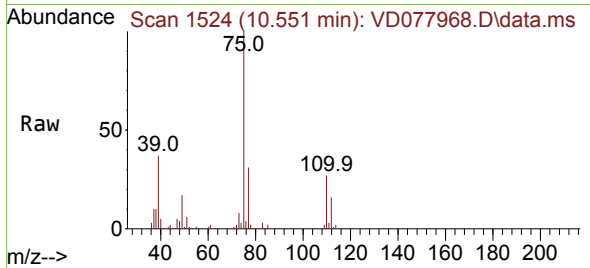




#53
 t-1,3-Dichloropropene
 Concen: 19.879 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VD077968.D
 Acq: 19 Dec 2023 12:28

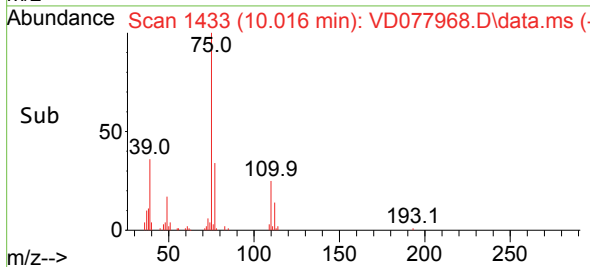
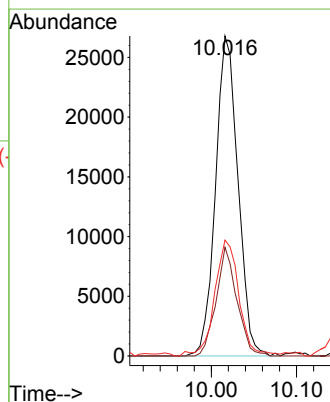
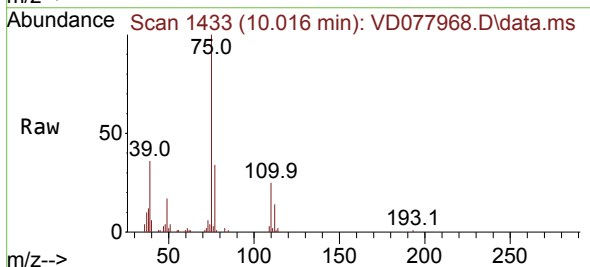
Instrument :
 MSVOA_D
 ClientSampleId :

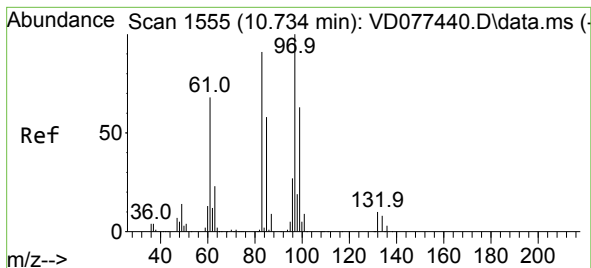
Tgt Ion: 75 Resp: 40562
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 19.861 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD077968.D
 Acq: 19 Dec 2023 12:28

Tgt Ion: 75 Resp: 48998
 Ion Ratio Lower Upper
 75 100
 77 34.0 25.5 38.3
 39 36.2 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 20.246 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

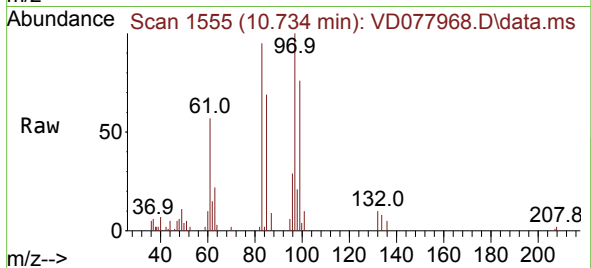
Lab File: VD077968.D

Acq: 19 Dec 2023 12:28

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 23216

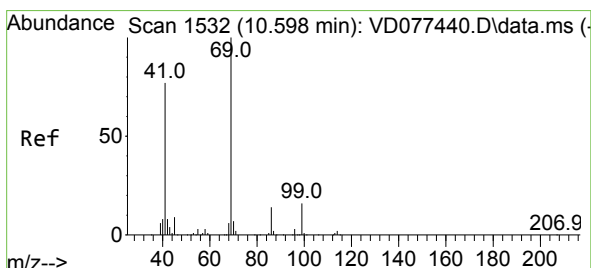
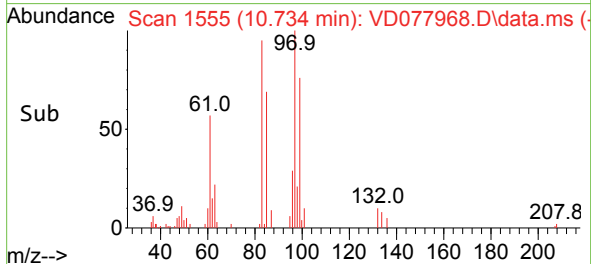
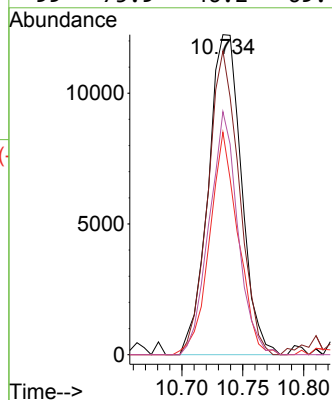
Ion Ratio Lower Upper

97 100

83 94.9 65.8 98.6

85 69.5 45.7 68.5#

99 75.9 46.2 69.4#



#56

Ethyl methacrylate

Concen: 19.169 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD077968.D

Acq: 19 Dec 2023 12:28

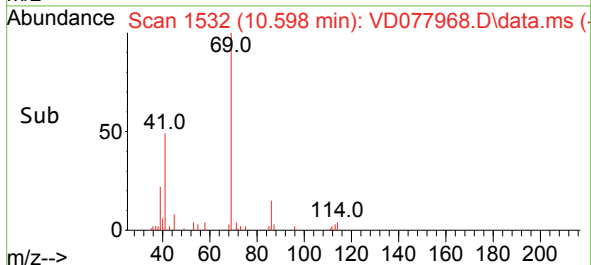
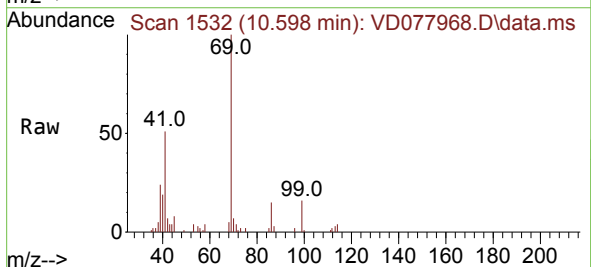
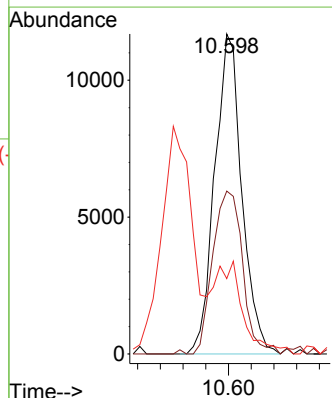
Tgt Ion: 69 Resp: 19377

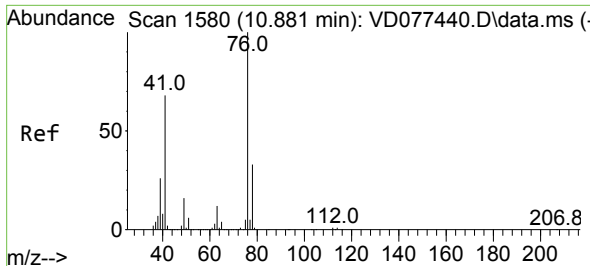
Ion Ratio Lower Upper

69 100

41 56.1 39.1 58.7

39 30.4 20.0 30.0#





#57

1,3-Dichloropropane

Concen: 21.708 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD077968.D

Acq: 19 Dec 2023 12:28

Instrument :

MSVOA_D

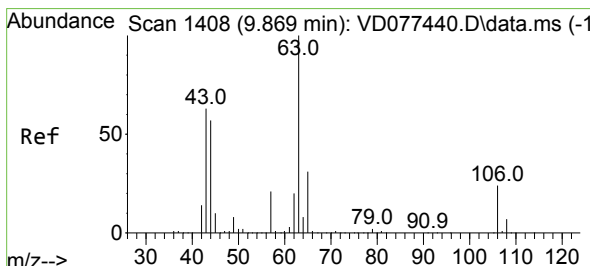
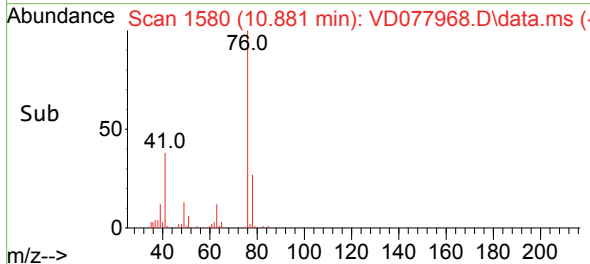
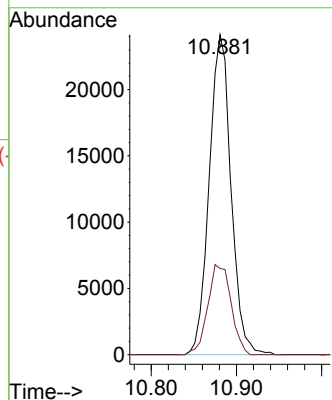
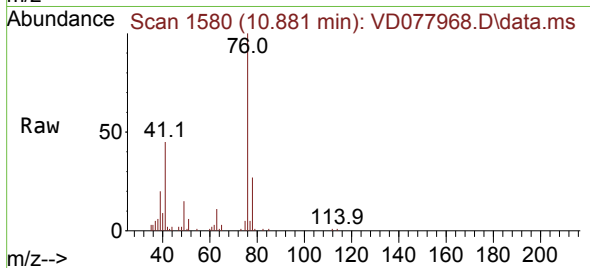
ClientSampleId :

Tgt Ion: 76 Resp: 42908

Ion Ratio Lower Upper

76 100

78 30.0 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 67.061 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD077968.D

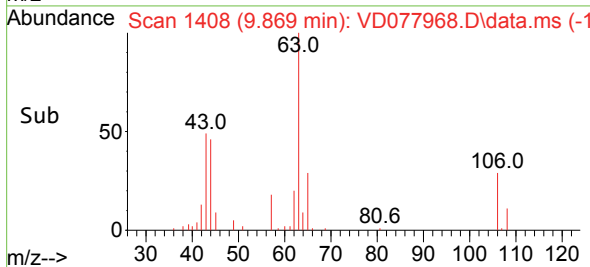
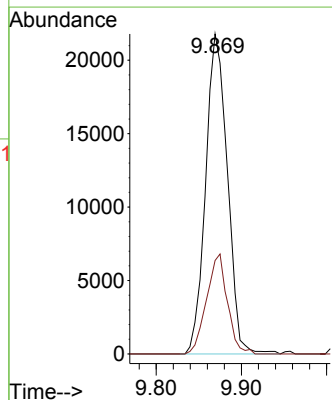
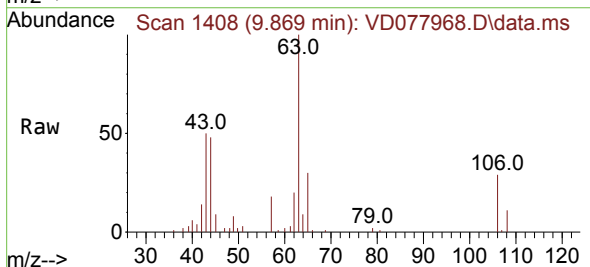
Acq: 19 Dec 2023 12:28

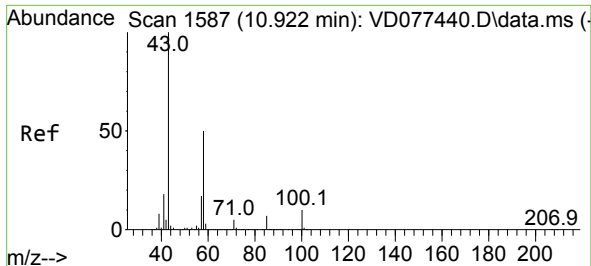
Tgt Ion: 63 Resp: 38658

Ion Ratio Lower Upper

63 100

106 29.9 25.3 37.9

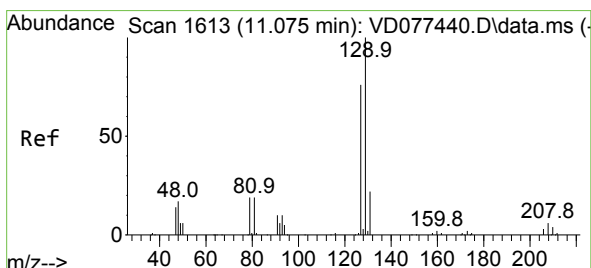
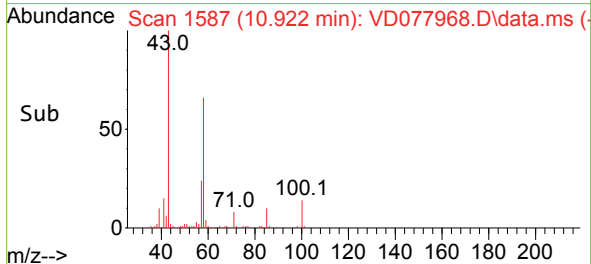
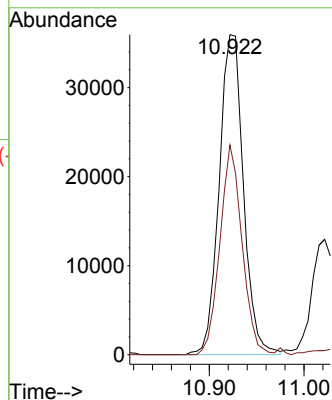
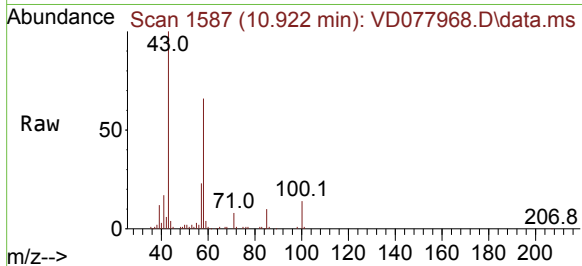




#59
2-Hexanone
Concen: 95.074 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077968.D
Acq: 19 Dec 2023 12:28

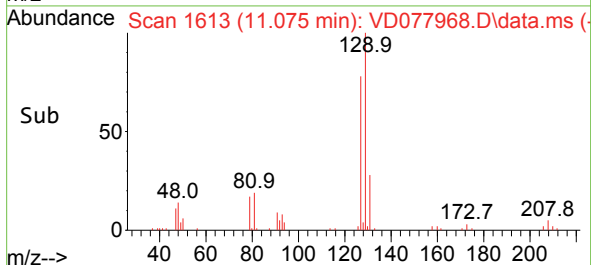
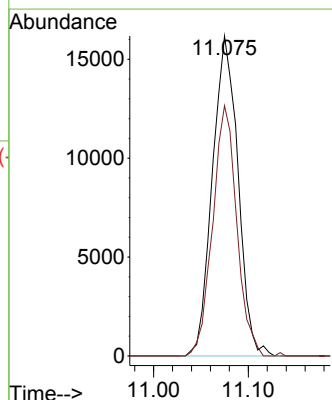
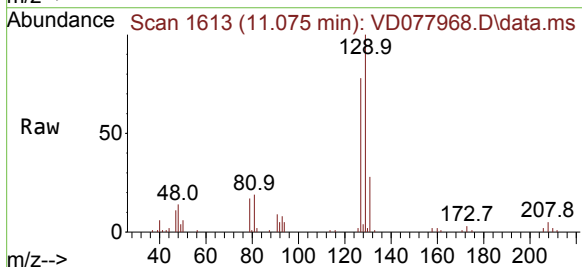
Instrument :
MSVOA_D
ClientSampleId :

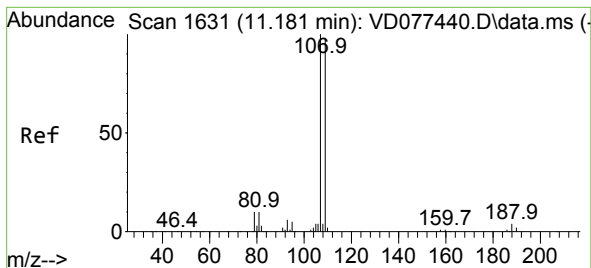
Tgt Ion: 43 Resp: 64075
Ion Ratio Lower Upper
43 100
58 59.7 34.1 102.2



#60
Dibromochloromethane
Concen: 21.950 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077968.D
Acq: 19 Dec 2023 12:28

Tgt Ion: 129 Resp: 30304
Ion Ratio Lower Upper
129 100
127 73.8 37.1 111.5

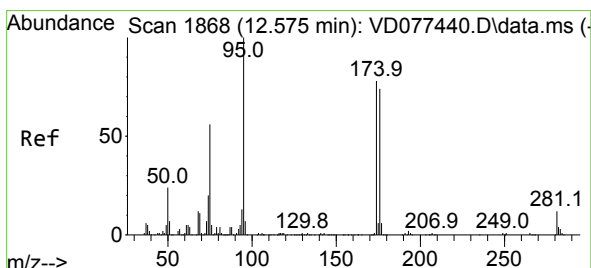
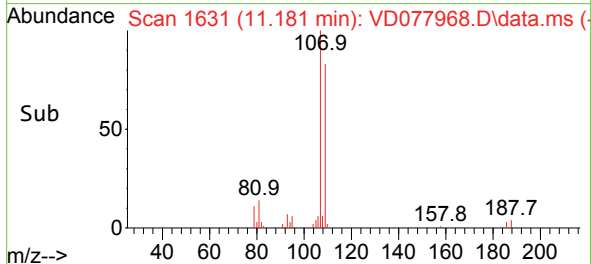
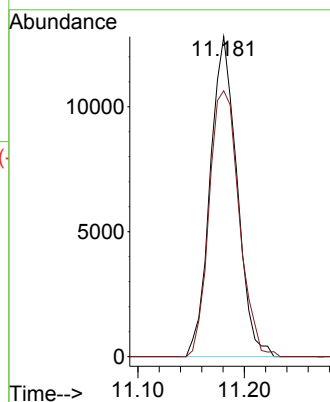
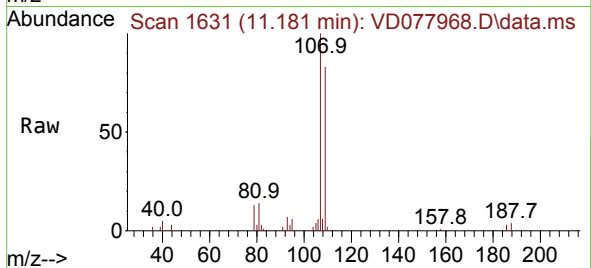




#61
1,2-Dibromoethane
Concen: 20.720 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077968.D
Acq: 19 Dec 2023 12:28

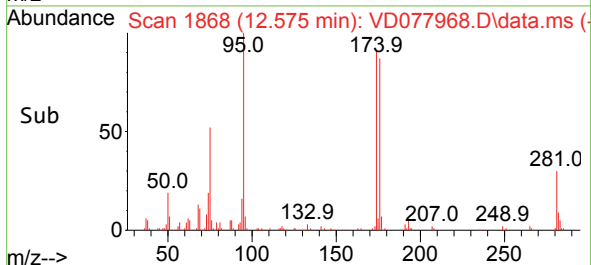
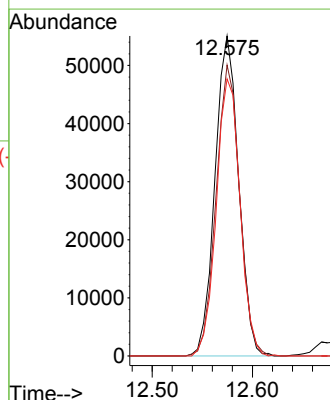
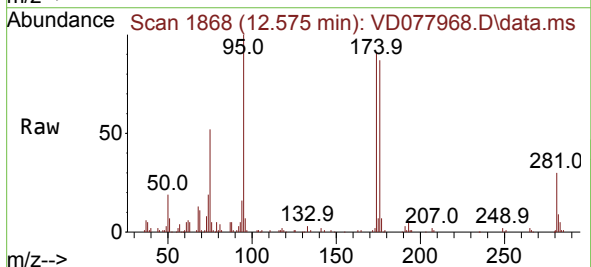
Instrument :
MSVOA_D
ClientSampleId :

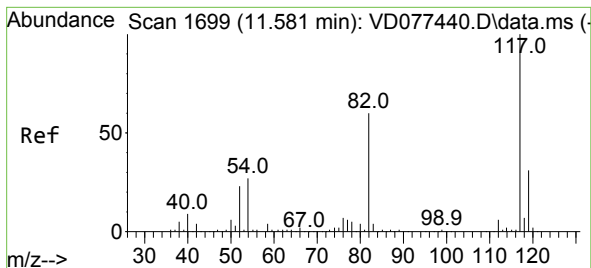
Tgt Ion:107 Resp: 22365
Ion Ratio Lower Upper
107 100
109 92.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 52.615 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077968.D
Acq: 19 Dec 2023 12:28

Tgt Ion: 95 Resp: 90448
Ion Ratio Lower Upper
95 100
174 90.2 0.0 201.8
176 86.7 0.0 191.8

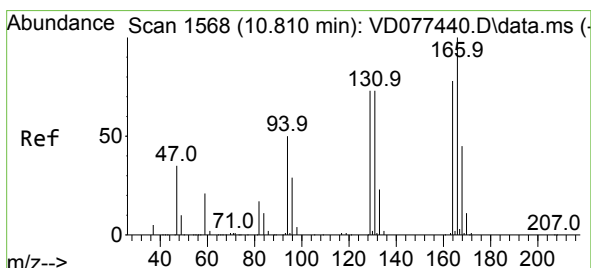
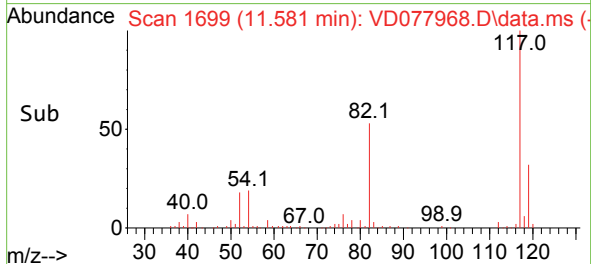
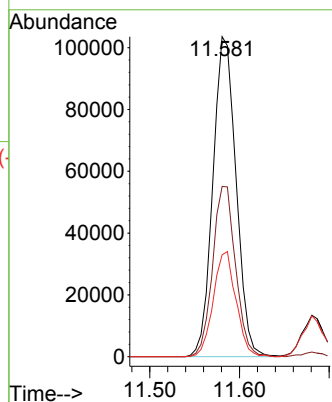
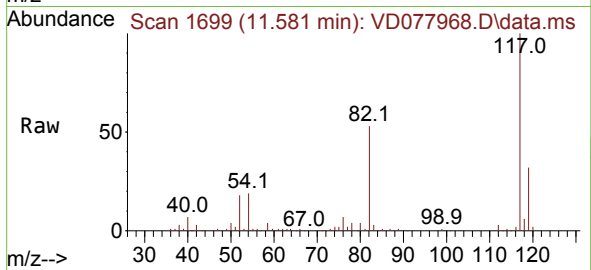




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD077968.D
Acq: 19 Dec 2023 12:28

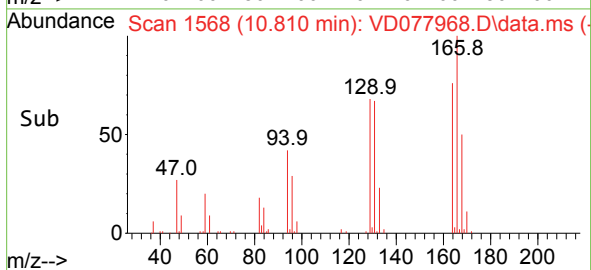
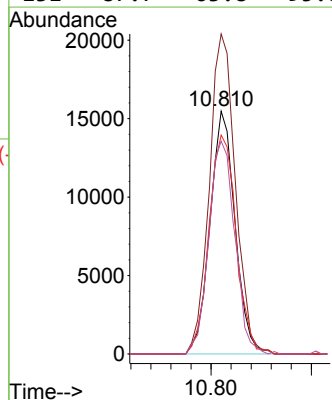
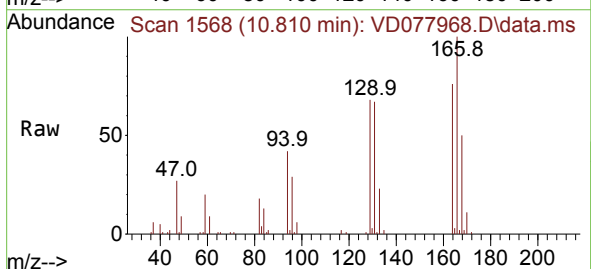
Instrument :
MSVOA_D
ClientSampleId :

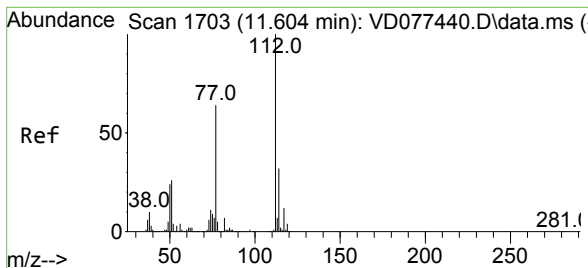
Tgt Ion:117 Resp: 185913
Ion Ratio Lower Upper
117 100
82 53.2 38.3 57.5
119 31.8 25.0 37.4



#64
Tetrachloroethene
Concen: 19.613 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077968.D
Acq: 19 Dec 2023 12:28

Tgt Ion:164 Resp: 26800
Ion Ratio Lower Upper
164 100
166 131.8 99.2 148.8
129 90.2 68.4 102.6
131 87.7 63.8 95.8





#65

Chlorobenzene

Concen: 19.250 ug/l

RT: 11.610 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077968.D

Acq: 19 Dec 2023 12:28

Instrument :

MSVOA_D

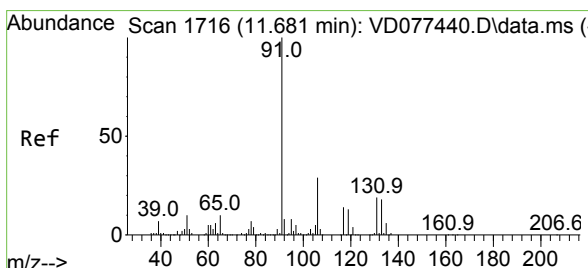
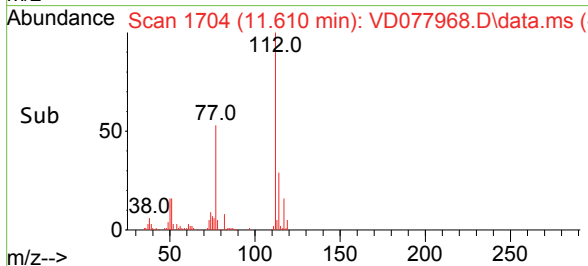
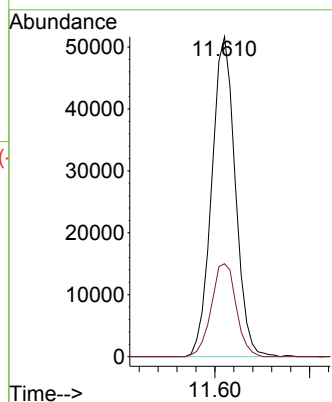
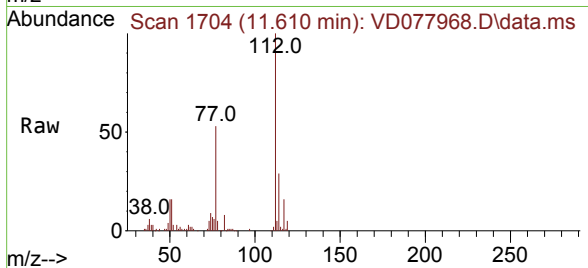
ClientSampleId :

Tgt Ion:112 Resp: 89369

Ion Ratio Lower Upper

112 100

114 29.0 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 21.553 ug/l

RT: 11.687 min Scan# 1717

Delta R.T. 0.006 min

Lab File: VD077968.D

Acq: 19 Dec 2023 12:28

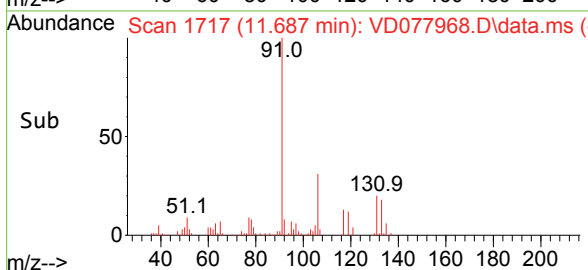
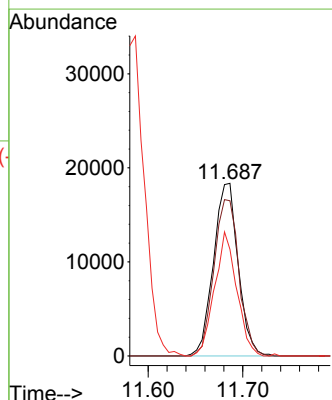
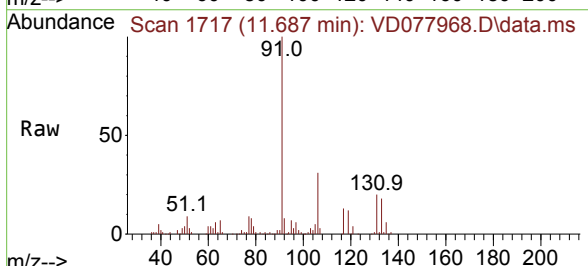
Tgt Ion:131 Resp: 33321

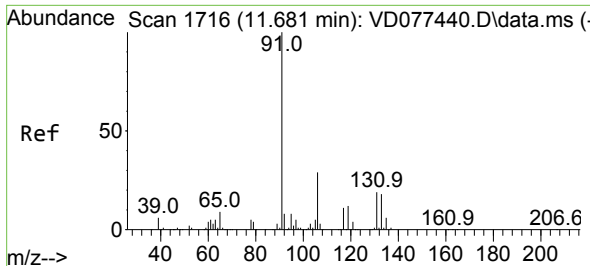
Ion Ratio Lower Upper

131 100

133 91.9 48.5 145.5

119 64.5 35.6 106.9

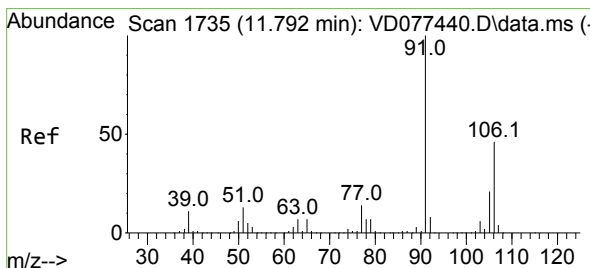
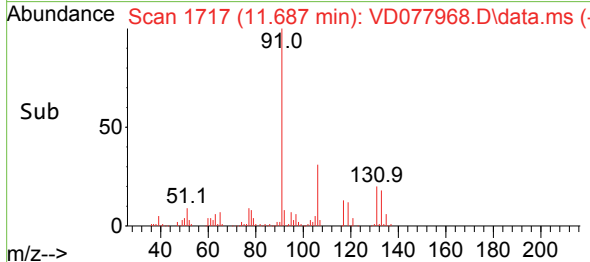
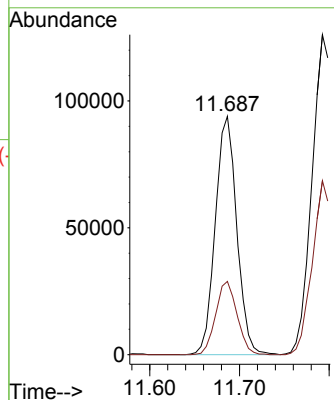
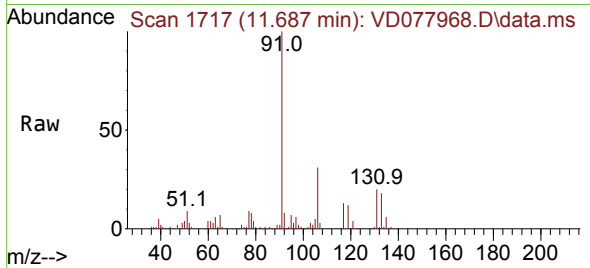




#67
Ethyl Benzene
Concen: 20.183 ug/l
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD077968.D
Acq: 19 Dec 2023 12:28

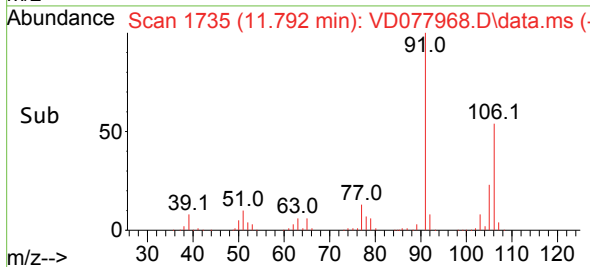
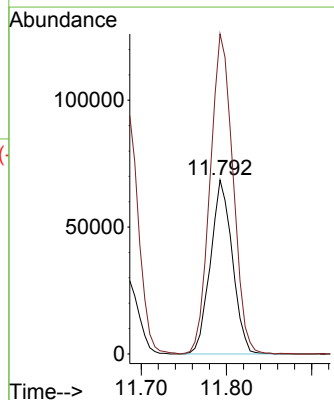
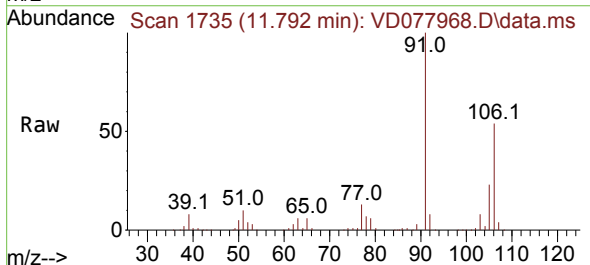
Instrument :
MSVOA_D
ClientSampleId :

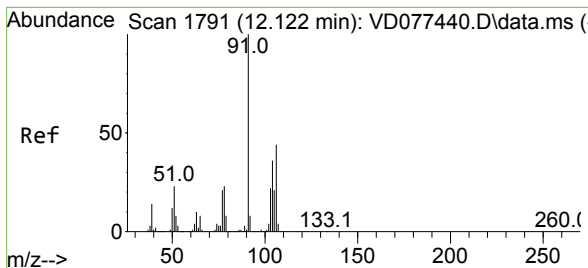
Tgt Ion: 91 Resp: 156222
Ion Ratio Lower Upper
91 100
106 30.8 26.5 39.7



#68
m/p-Xylenes
Concen: 41.349 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077968.D
Acq: 19 Dec 2023 12:28

Tgt Ion:106 Resp: 122420
Ion Ratio Lower Upper
106 100
91 192.0 147.0 220.6

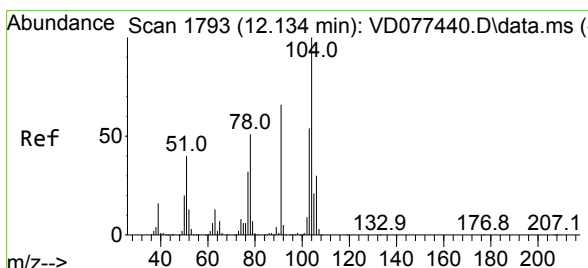
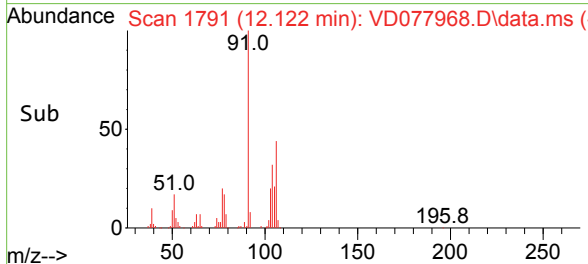
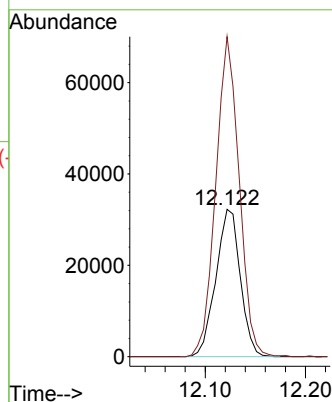
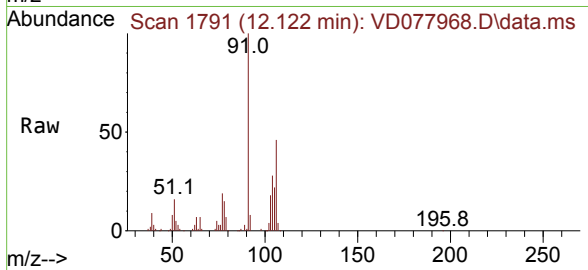




#69
o-Xylene
Concen: 20.005 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077968.D
Acq: 19 Dec 2023 12:28

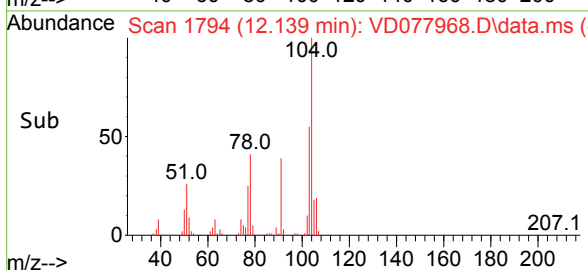
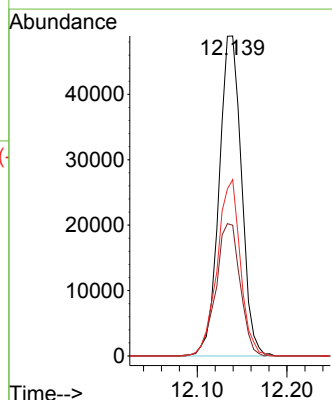
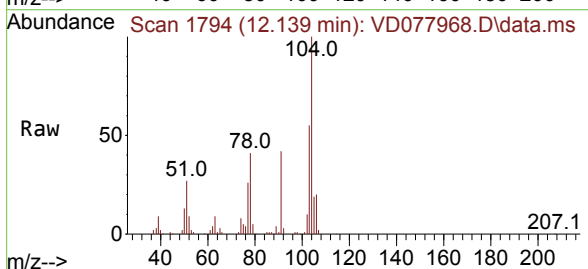
Instrument :
MSVOA_D
ClientSampleId :

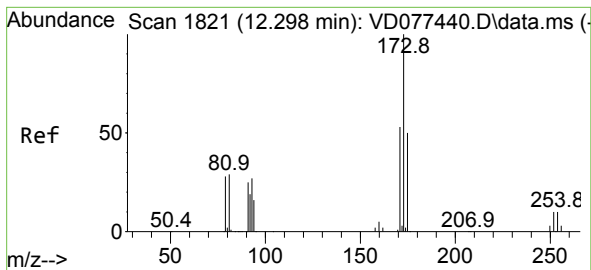
Tgt Ion:106 Resp: 54586
Ion Ratio Lower Upper
106 100
91 208.2 97.9 293.6



#70
Styrene
Concen: 20.933 ug/l
RT: 12.139 min Scan# 1794
Delta R.T. 0.005 min
Lab File: VD077968.D
Acq: 19 Dec 2023 12:28

Tgt Ion:104 Resp: 84930
Ion Ratio Lower Upper
104 100
78 45.1 33.2 49.8
103 56.9 43.6 65.4





#71

Bromoform

Concen: 20.978 ug/l

RT: 12.298 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077968.D

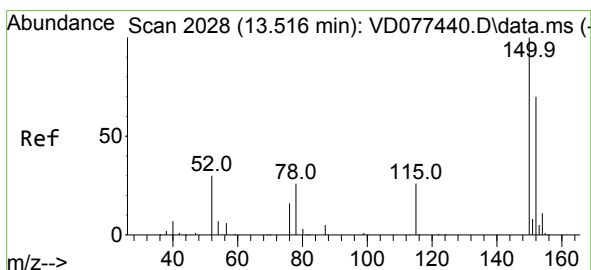
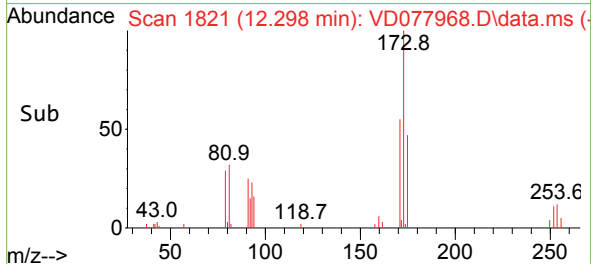
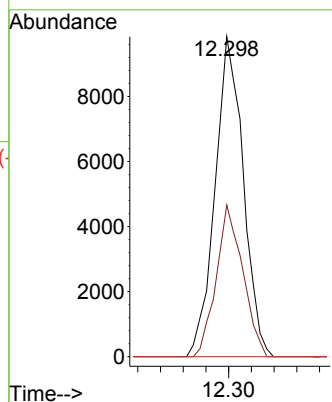
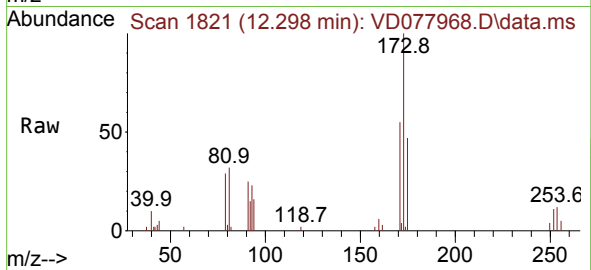
Acq: 19 Dec 2023 12:28

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:173	Resp:	16946
Ion Ratio	Lower	Upper
173	100	
175	44.6	24.6 73.8
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

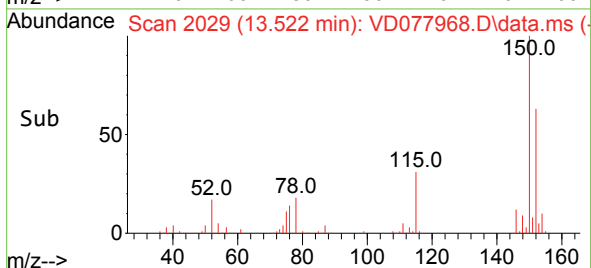
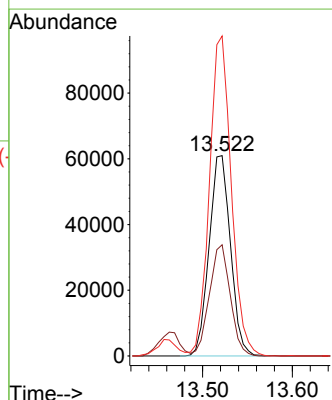
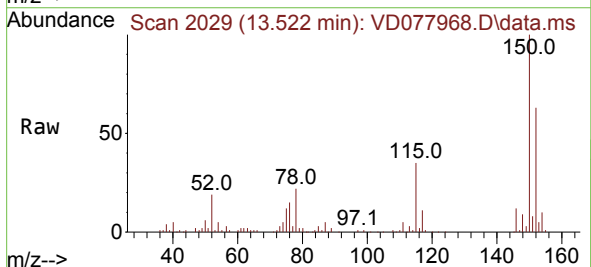
RT: 13.522 min Scan# 2029

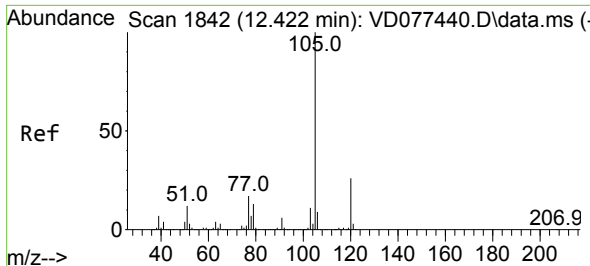
Delta R.T. 0.006 min

Lab File: VD077968.D

Acq: 19 Dec 2023 12:28

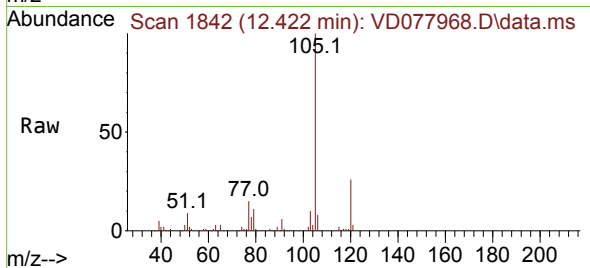
Tgt Ion:152	Resp:	100840
Ion Ratio	Lower	Upper
152	100	
115	54.2	27.1 81.3
150	163.4	0.0 353.6



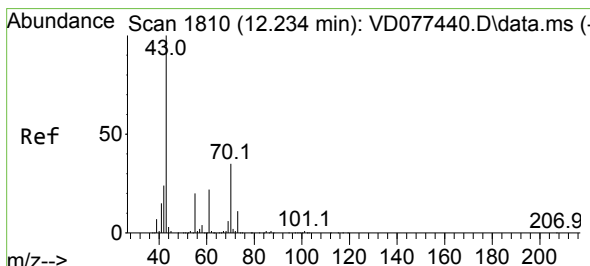
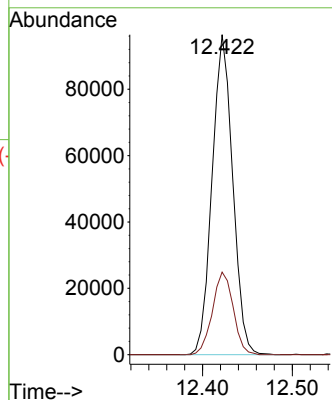
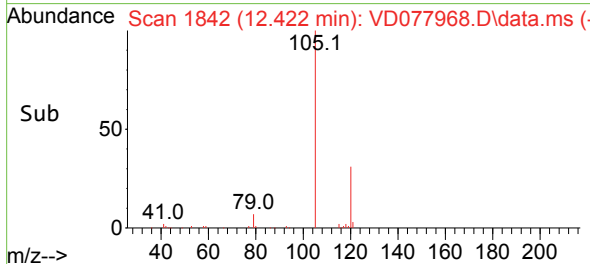


#73
Isopropylbenzene
Concen: 20.084 ug/l
RT: 12.422 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077968.D
Acq: 19 Dec 2023 12:28

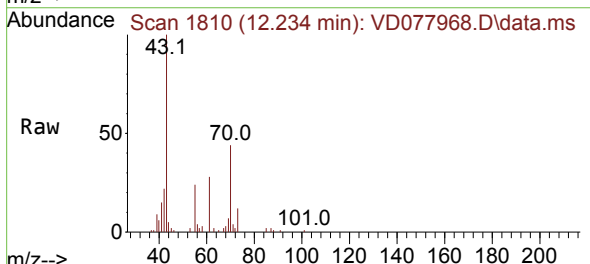
Instrument :
MSVOA_D
ClientSampleId :



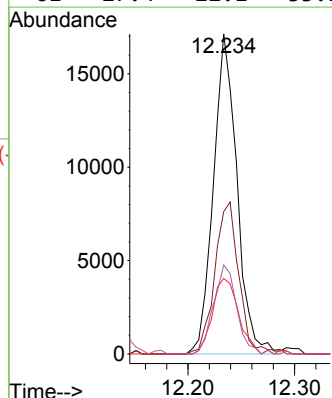
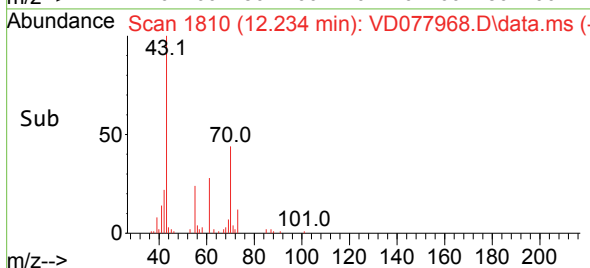
Tgt Ion:105 Resp: 153496
Ion Ratio Lower Upper
105 100
120 26.0 14.3 42.9

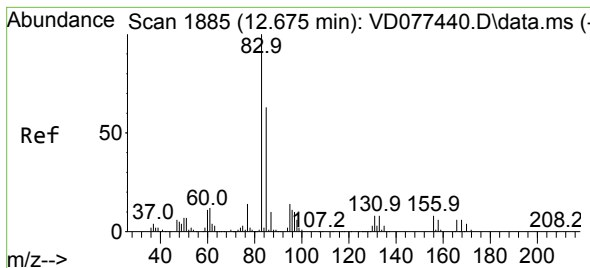


#74
N-ethyl acetate
Concen: 17.477 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD077968.D
Acq: 19 Dec 2023 12:28



Tgt Ion: 43 Resp: 26256
Ion Ratio Lower Upper
43 100
70 48.7 45.0 67.4
55 26.5 23.8 35.6
61 27.4 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.202 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD077968.D

Acq: 19 Dec 2023 12:28

Instrument :

MSVOA_D

ClientSampleId :

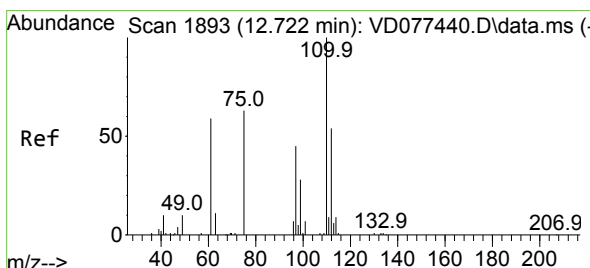
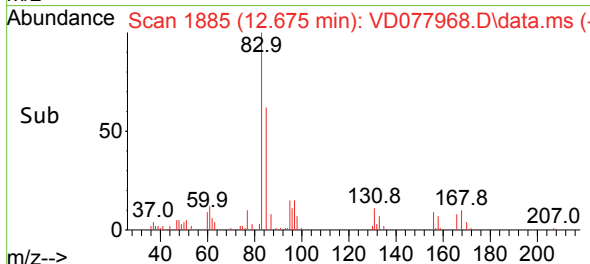
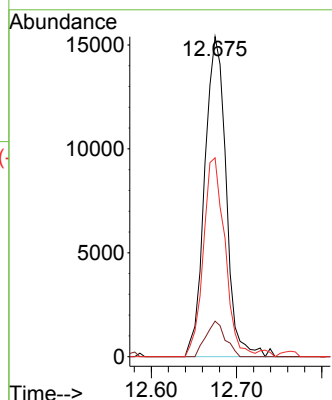
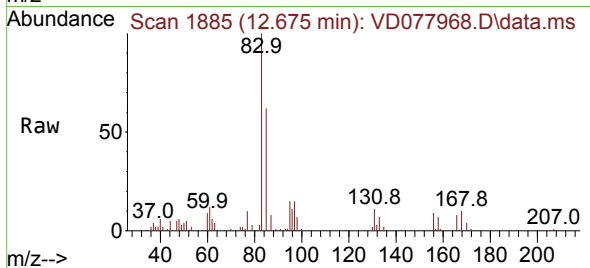
Tgt Ion: 83 Resp: 26921

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.3

85 62.4 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 36.691 ug/l

RT: 12.728 min Scan# 1894

Delta R.T. 0.006 min

Lab File: VD077968.D

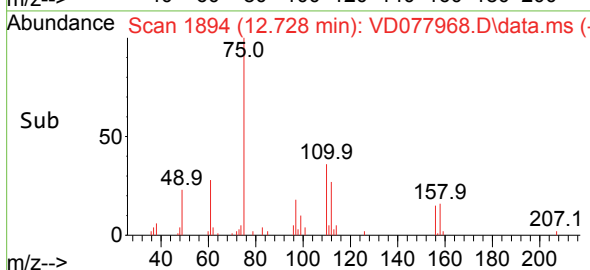
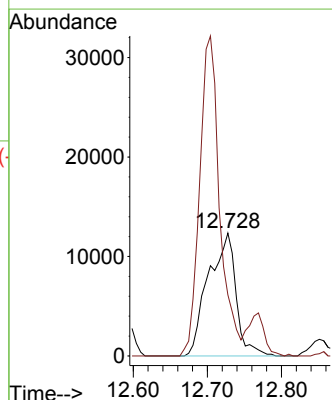
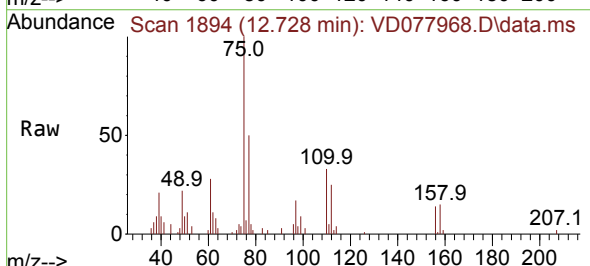
Acq: 19 Dec 2023 12:28

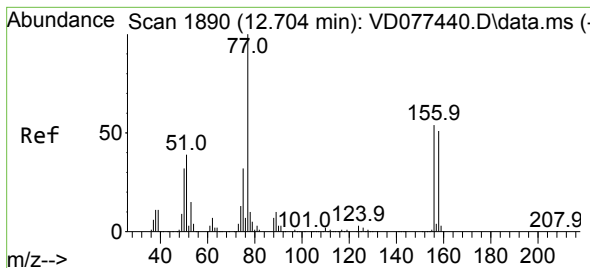
Tgt Ion: 75 Resp: 32134

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

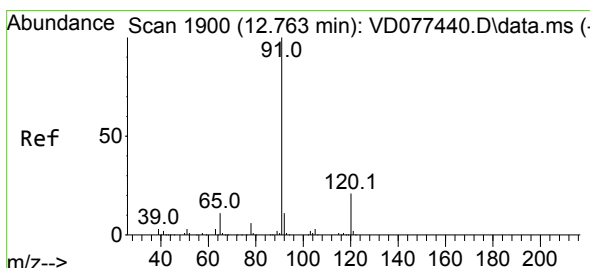
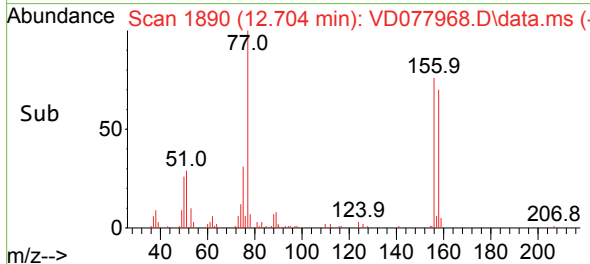
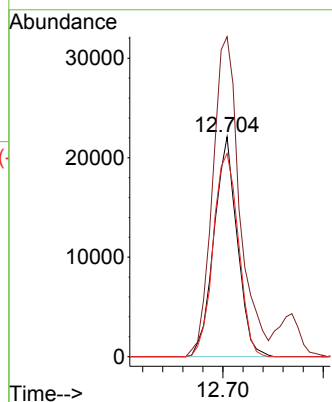
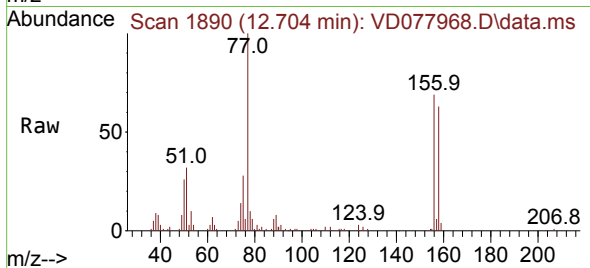




#77
Bromobenzene
Concen: 19.864 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD077968.D
Acq: 19 Dec 2023 12:28

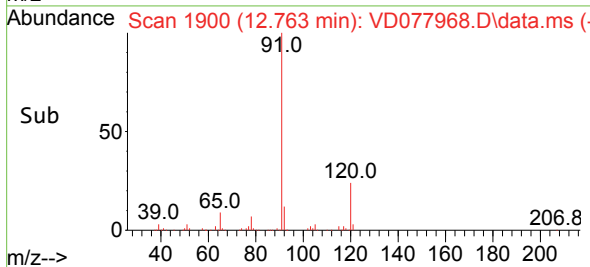
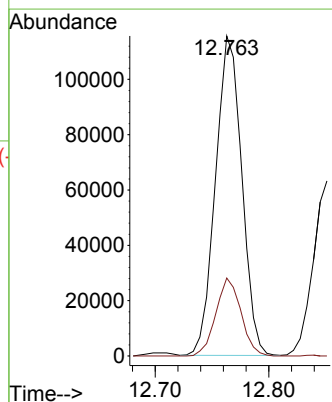
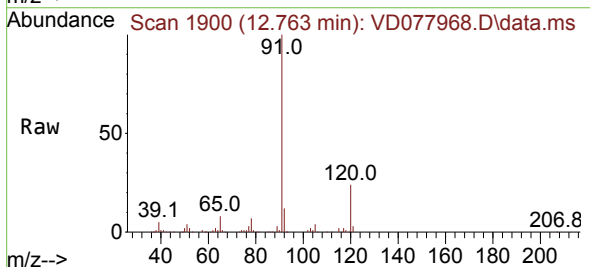
Instrument :
MSVOA_D
ClientSampleId :

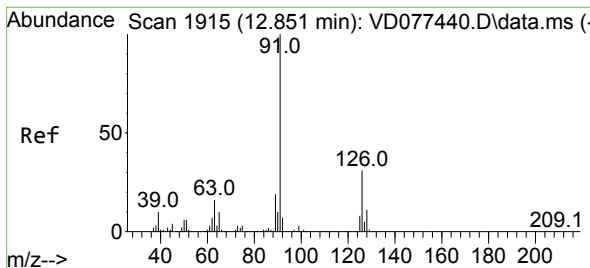
Tgt Ion:	156	Resp:	35709
Ion Ratio	Lower	Upper	
156	100		
77	169.4	76.8	230.4
158	100.1	48.6	145.9



#78
n-propylbenzene
Concen: 19.947 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD077968.D
Acq: 19 Dec 2023 12:28

Tgt Ion:	91	Resp:	185767
Ion Ratio	Lower	Upper	
91	100		
120	23.3	12.4	37.2





#79

2-Chlorotoluene

Concen: 20.036 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD077968.D

Acq: 19 Dec 2023 12:28

Instrument :

MSVOA_D

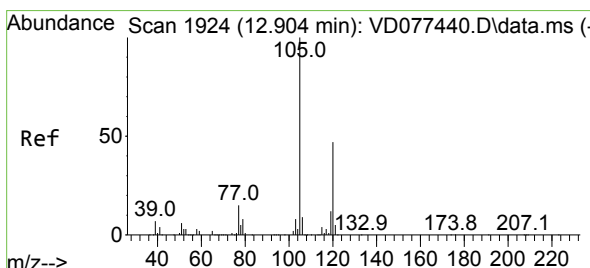
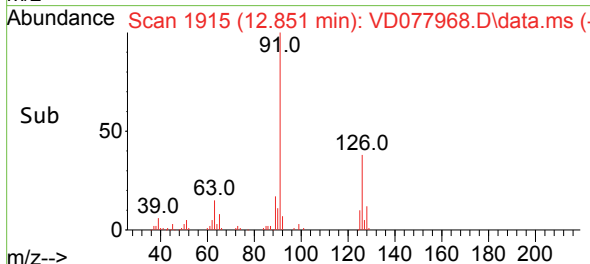
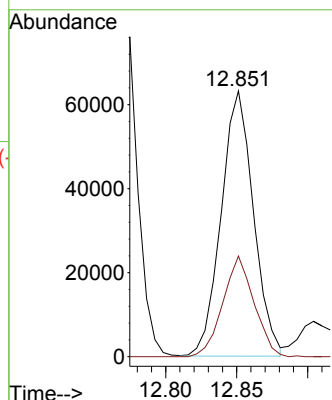
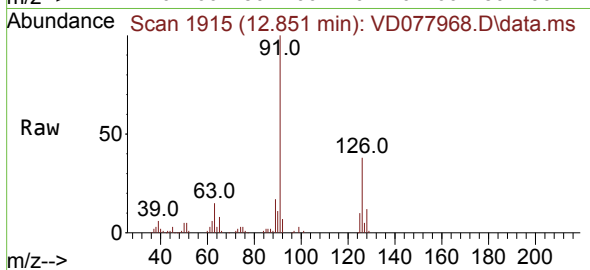
ClientSampleId :

Tgt Ion: 91 Resp: 99999

Ion Ratio Lower Upper

91 100

126 36.5 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 19.442 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD077968.D

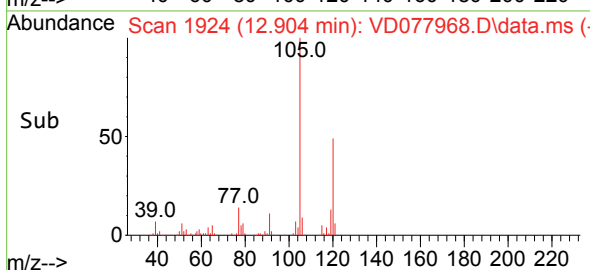
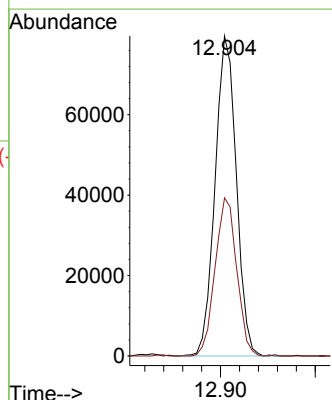
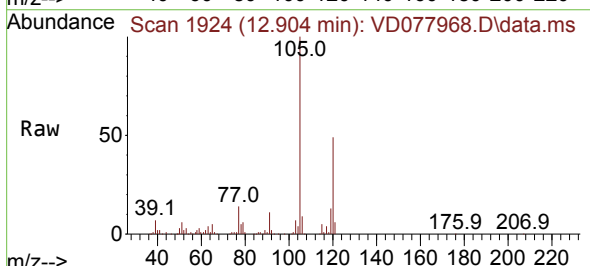
Acq: 19 Dec 2023 12:28

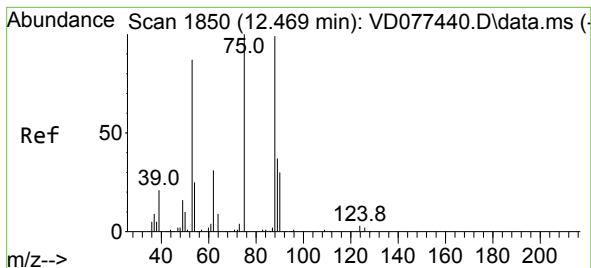
Tgt Ion:105 Resp: 123930

Ion Ratio Lower Upper

105 100

120 50.2 26.4 79.2

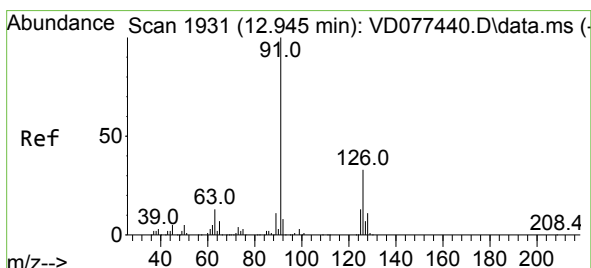
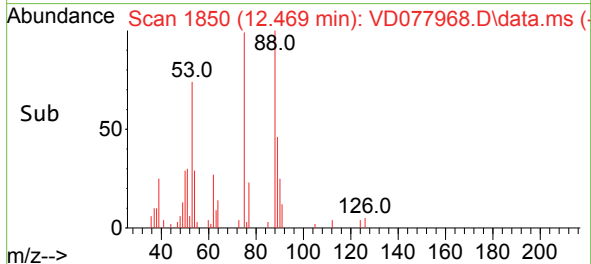
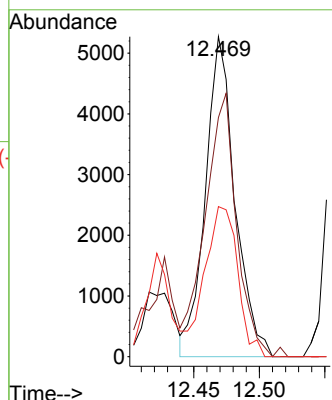
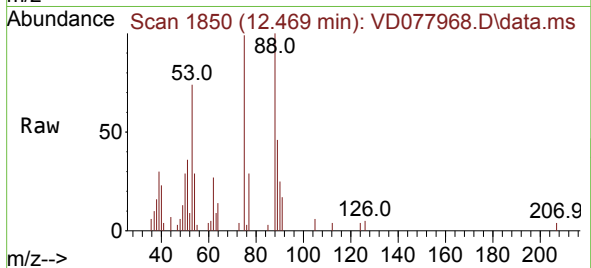




#81
trans-1,4-Dichloro-2-butene
Concen: 19.099 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD077968.D
Acq: 19 Dec 2023 12:28

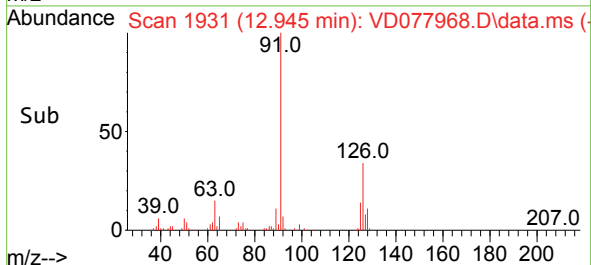
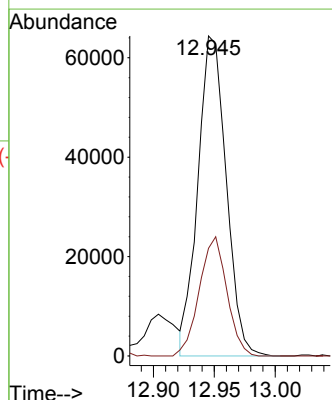
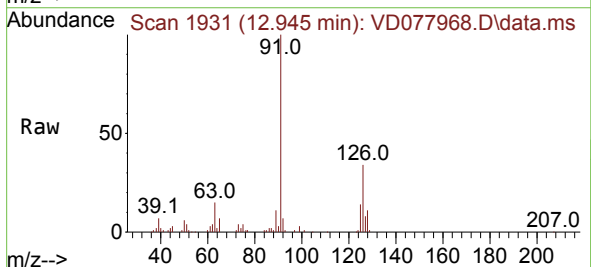
Instrument :
MSVOA_D
ClientSampleId :

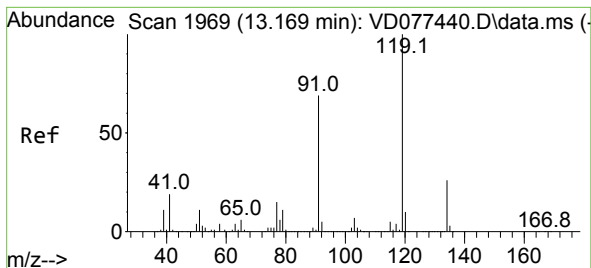
Tgt Ion: 75 Resp: 8256
Ion Ratio Lower Upper
75 100
53 88.0 63.0 94.4
89 53.2 37.9 56.9



#82
4-Chlorotoluene
Concen: 20.005 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077968.D
Acq: 19 Dec 2023 12:28

Tgt Ion: 91 Resp: 104377
Ion Ratio Lower Upper
91 100
126 36.2 19.4 58.4





#83

tert-Butylbenzene

Concen: 19.593 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD077968.D

Acq: 19 Dec 2023 12:28

Instrument :

MSVOA_D

ClientSampleId :

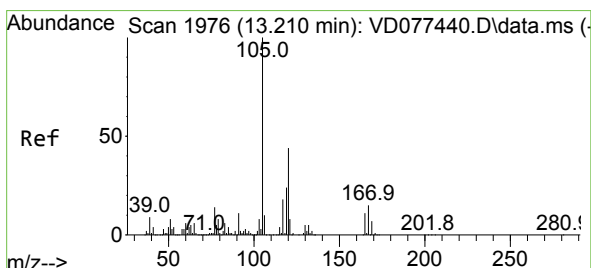
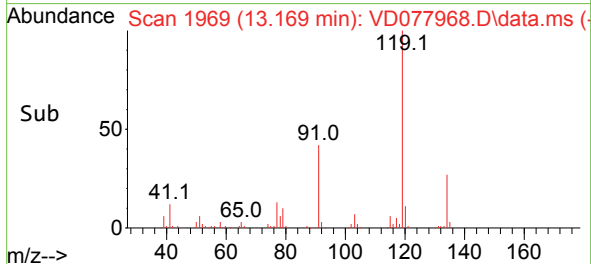
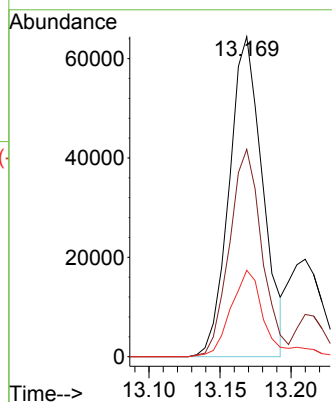
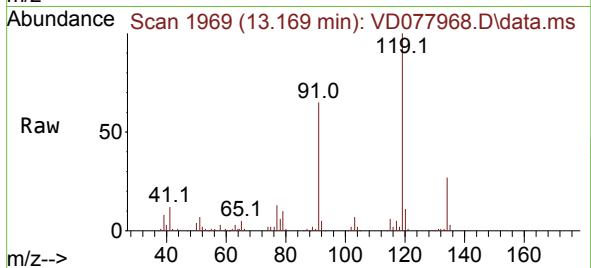
Tgt Ion:119 Resp: 105438

Ion Ratio Lower Upper

119 100

91 63.2 29.3 87.8

134 27.7 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 19.654 ug/l

RT: 13.216 min Scan# 1977

Delta R.T. 0.006 min

Lab File: VD077968.D

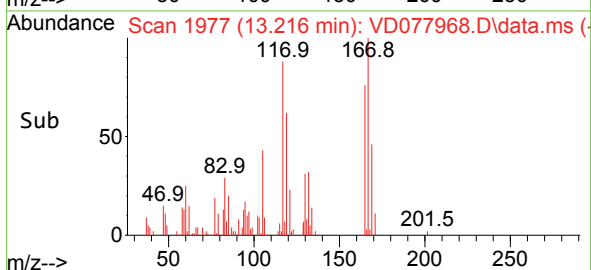
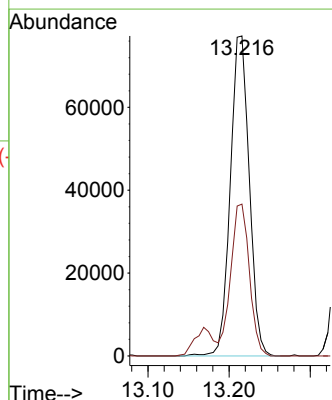
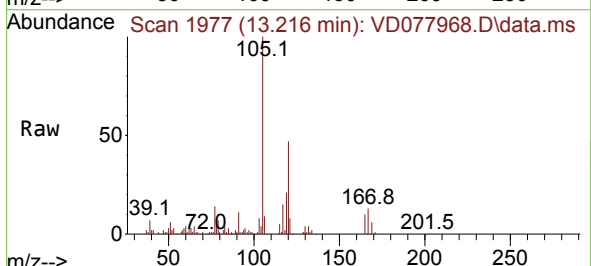
Acq: 19 Dec 2023 12:28

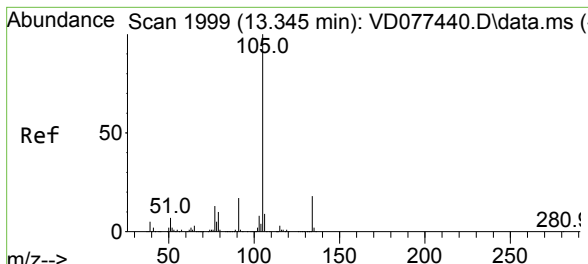
Tgt Ion:105 Resp: 125303

Ion Ratio Lower Upper

105 100

120 46.7 24.3 72.9

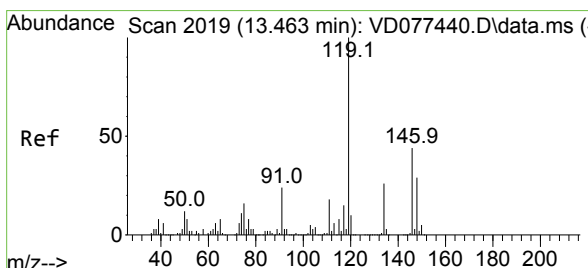
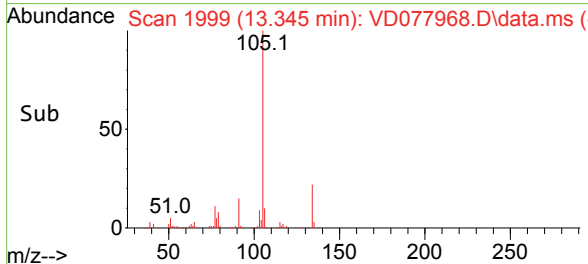
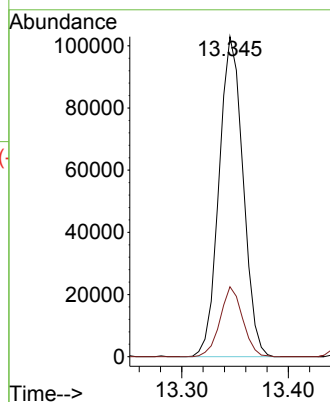
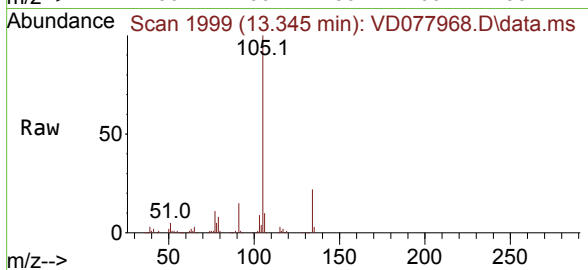




#85
 sec-Butylbenzene
 Concen: 20.250 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077968.D
 Acq: 19 Dec 2023 12:28

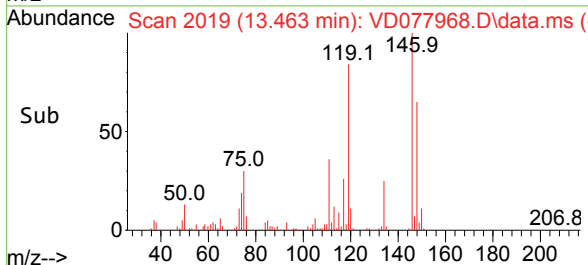
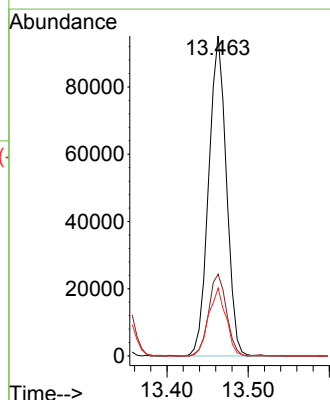
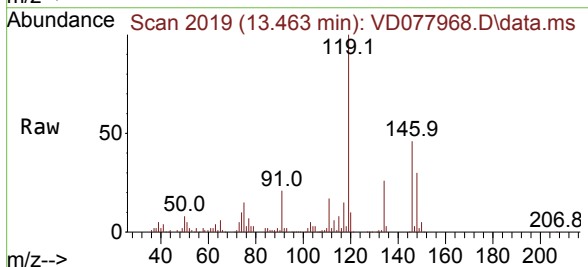
Instrument :
 MSVOA_D
 ClientSampleId :

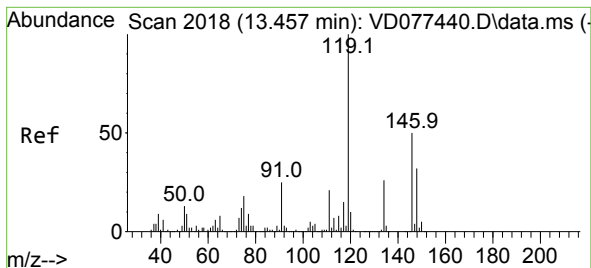
Tgt Ion:105 Resp: 161080
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 20.201 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD077968.D
 Acq: 19 Dec 2023 12:28

Tgt Ion:119 Resp: 143874
 Ion Ratio Lower Upper
 119 100
 134 25.7 14.2 42.6
 91 21.0 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 19.912 ug/l

RT: 13.463 min Scan# 2018

Delta R.T. 0.006 min

Lab File: VD077968.D

Acq: 19 Dec 2023 12:28

Instrument :

MSVOA_D

ClientSampleId :

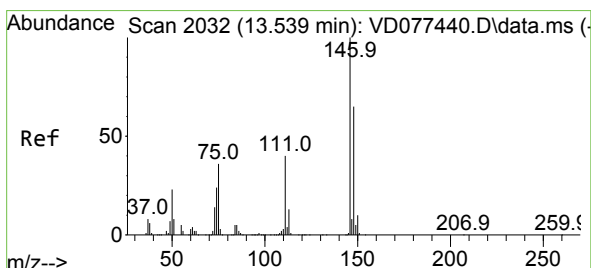
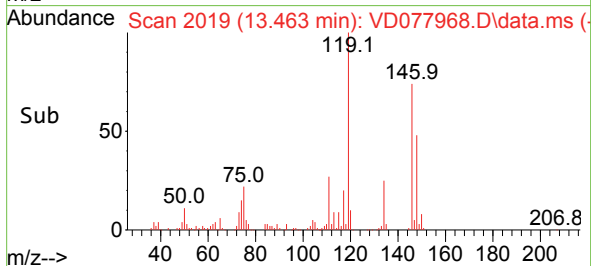
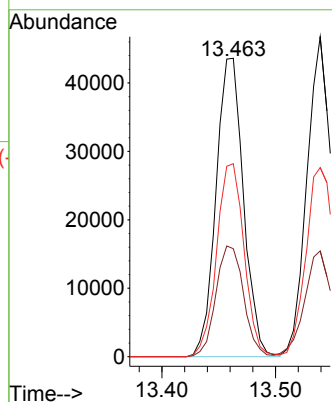
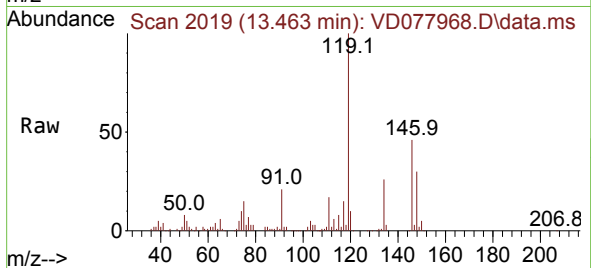
Tgt Ion:146 Resp: 73201

Ion Ratio Lower Upper

146 100

111 37.5 17.9 53.8

148 64.8 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 18.982 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD077968.D

Acq: 19 Dec 2023 12:28

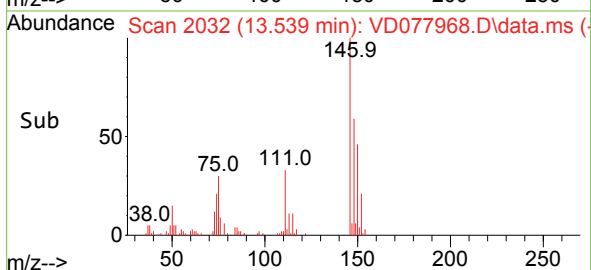
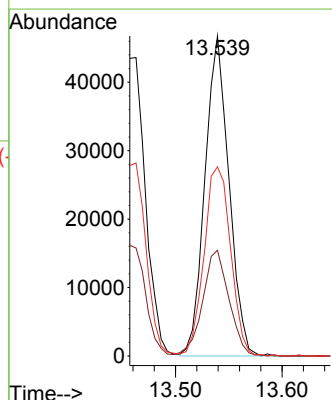
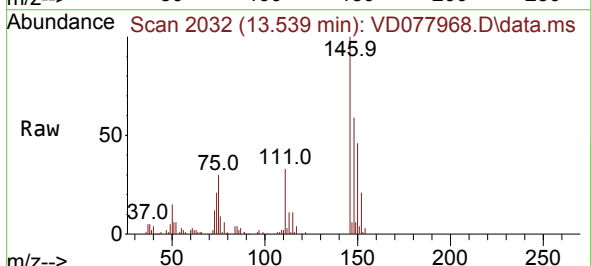
Tgt Ion:146 Resp: 73305

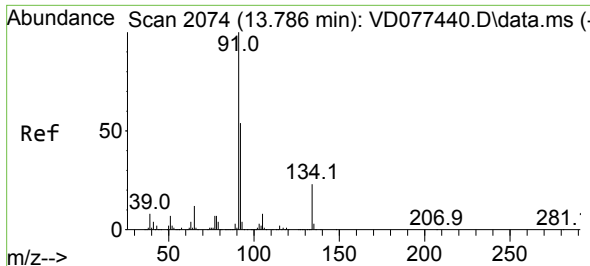
Ion Ratio Lower Upper

146 100

111 36.3 17.4 52.3

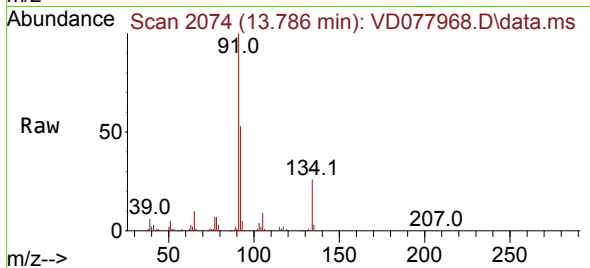
148 65.4 31.7 95.1



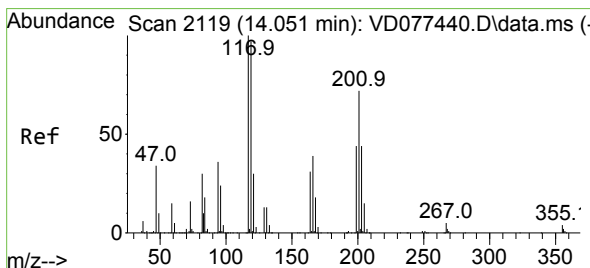
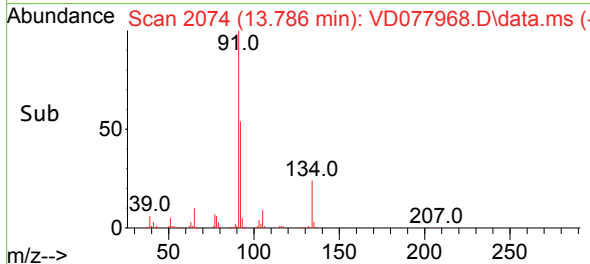
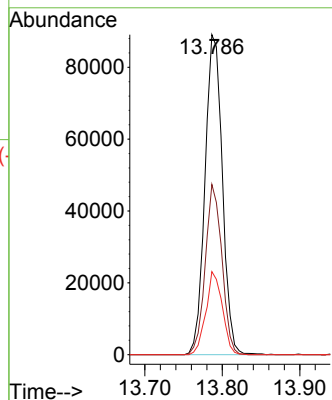


#89
n-Butylbenzene
Concen: 20.690 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD077968.D
Acq: 19 Dec 2023 12:28

Instrument :
MSVOA_D
ClientSampleId :

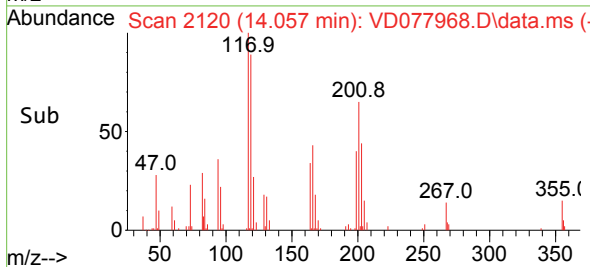
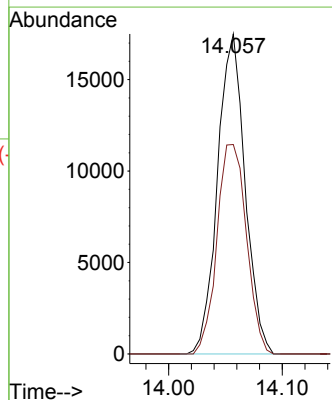
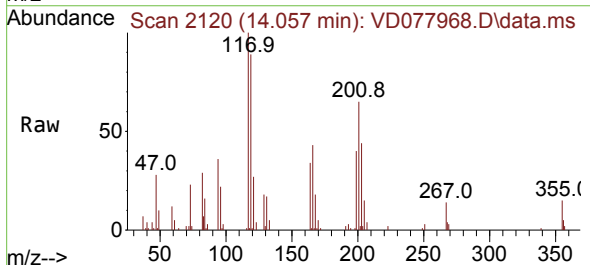


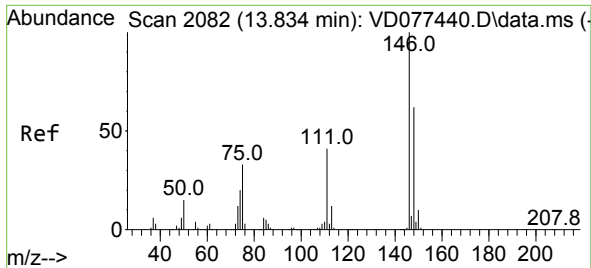
Tgt Ion: 91 Resp: 138654
Ion Ratio Lower Upper
91 100
92 50.9 26.5 79.5
134 24.6 13.8 41.3



#90
Hexachloroethane
Concen: 22.488 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD077968.D
Acq: 19 Dec 2023 12:28

Tgt Ion: 117 Resp: 29454
Ion Ratio Lower Upper
117 100
201 70.0 38.5 115.5

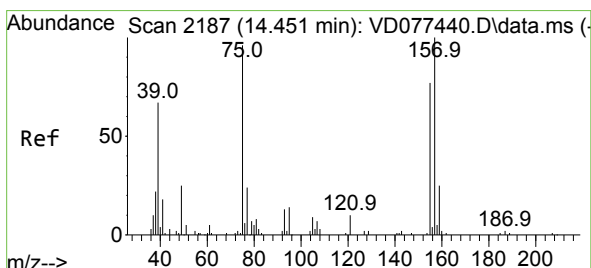
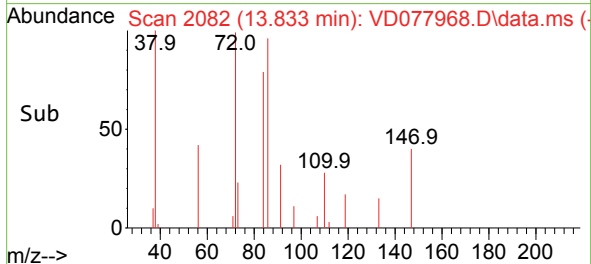
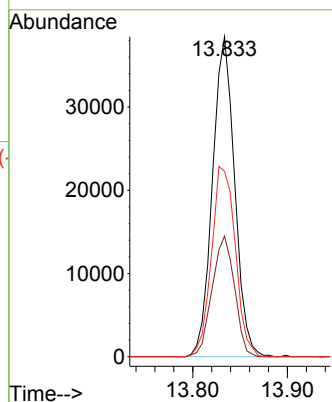
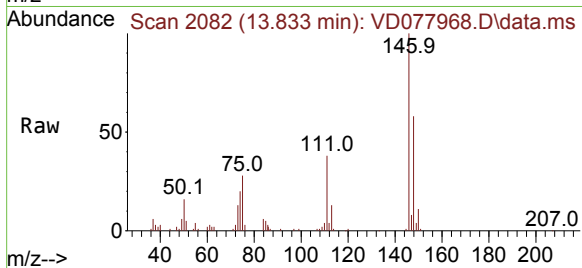




#91
1,2-Dichlorobenzene
Concen: 19.976 ug/l
RT: 13.833 min Scan# 2082
Delta R.T. -0.001 min
Lab File: VD077968.D
Acq: 19 Dec 2023 12:28

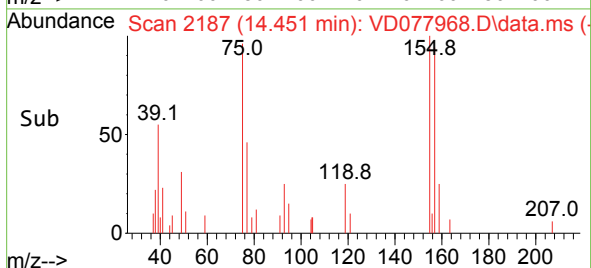
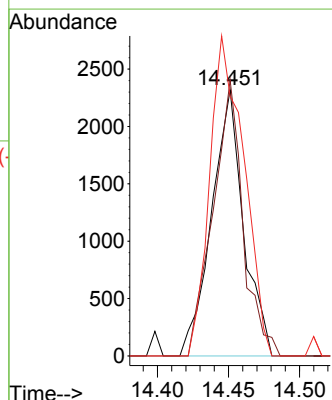
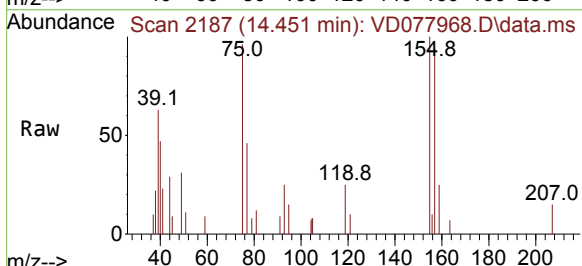
Instrument :
MSVOA_D
ClientSampleId :

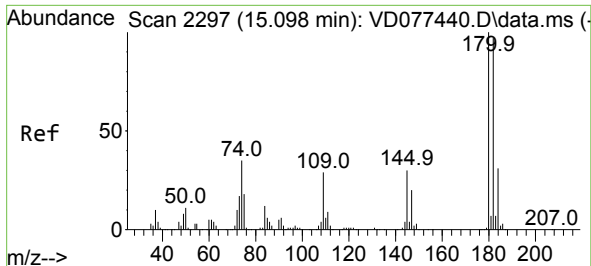
Tgt Ion:146 Resp: 62455
Ion Ratio Lower Upper
146 100
111 38.0 18.3 54.8
148 63.9 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.117 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD077968.D
Acq: 19 Dec 2023 12:28

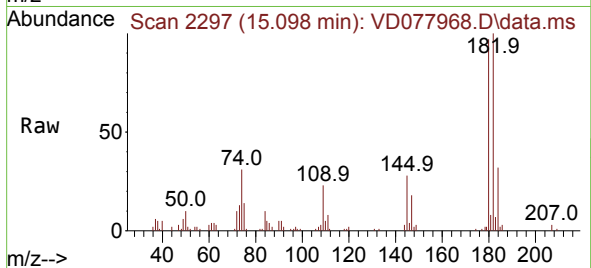
Tgt Ion: 75 Resp: 3618
Ion Ratio Lower Upper
75 100
155 97.3 47.9 143.8
157 129.3 59.9 179.7



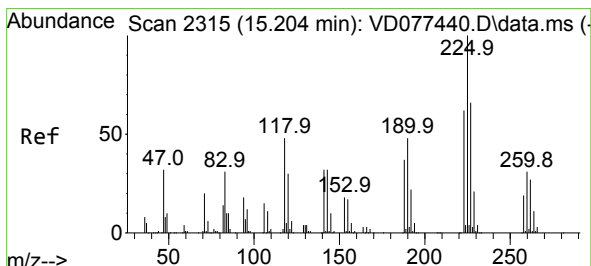
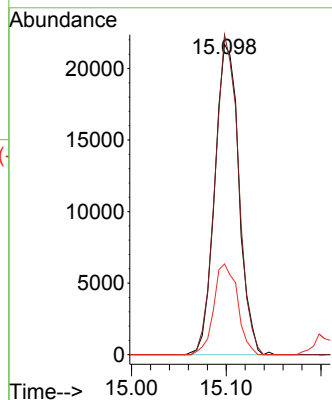
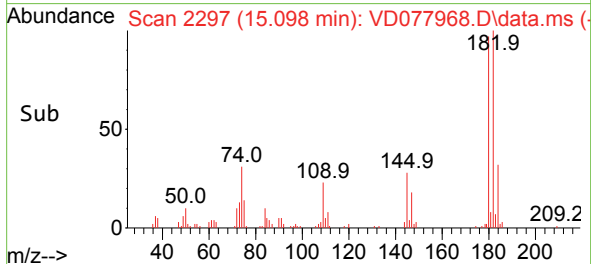


#93
 1,2,4-Trichlorobenzene
 Concen: 17.977 ug/l
 RT: 15.098 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD077968.D
 Acq: 19 Dec 2023 12:28

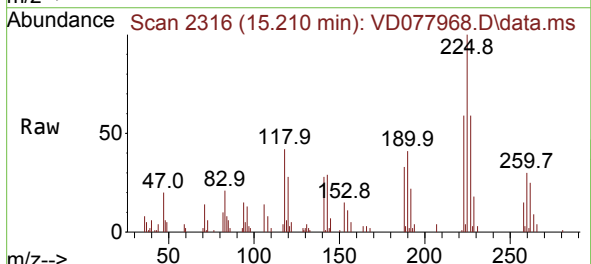
Instrument :
 MSVOA_D
 ClientSampleId :



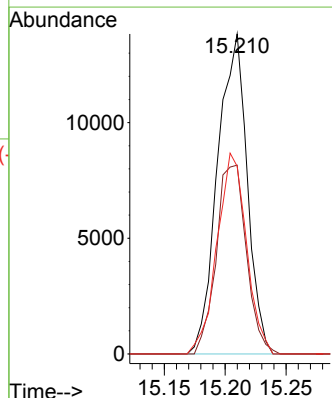
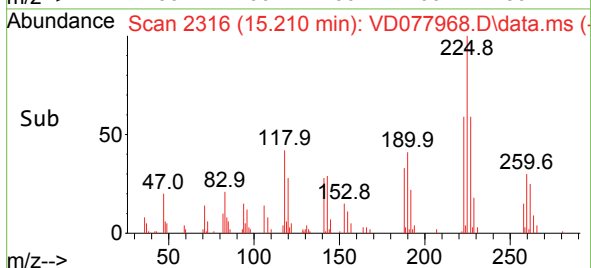
Tgt Ion:180 Resp: 38391
 Ion Ratio Lower Upper
 180 100
 182 100.4 48.5 145.6
 145 28.8 14.2 42.6

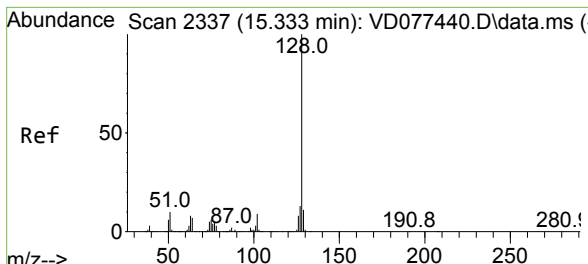


#94
 Hexachlorobutadiene
 Concen: 20.262 ug/l
 RT: 15.210 min Scan# 2316
 Delta R.T. 0.006 min
 Lab File: VD077968.D
 Acq: 19 Dec 2023 12:28



Tgt Ion:225 Resp: 23334
 Ion Ratio Lower Upper
 225 100
 223 60.2 31.6 94.8
 227 62.4 31.7 95.1

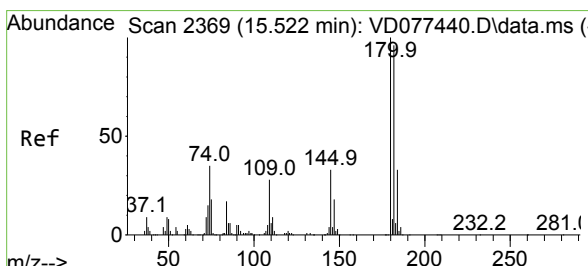
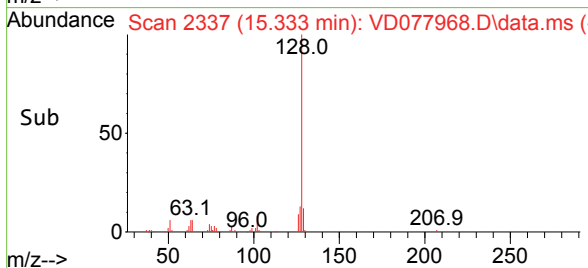
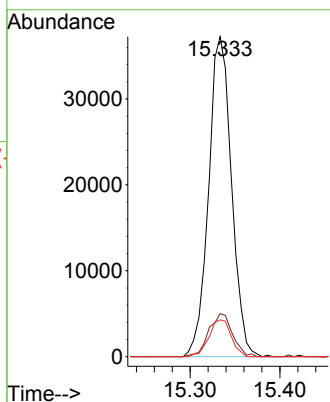
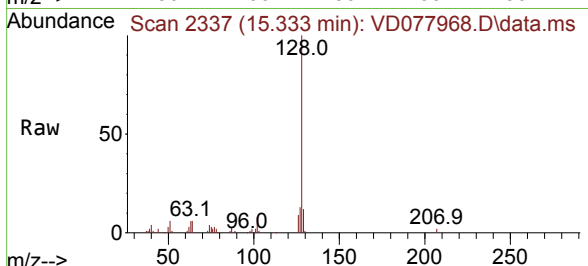




#95
Naphthalene
Concen: 18.608 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD077968.D
Acq: 19 Dec 2023 12:28

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128	Resp:	66029
Ion Ratio	Lower	Upper
128	100	
127	13.5	10.5 15.7
129	11.5	8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.701 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD077968.D
Acq: 19 Dec 2023 12:28

Tgt Ion:180	Resp:	32926
Ion Ratio	Lower	Upper
180	100	
182	96.5	47.3 141.9
145	30.1	15.1 45.3

