

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101424\
 Data File : VD079972.D
 Acq On : 14 Oct 2024 11:43
 Operator : RP/MD
 Sample : VD1014SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 15 03:11:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101124S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 03:20:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	131948	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	215629	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	197559	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	111709	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	78428	52.252	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.500%	
35) Dibromofluoromethane	7.804	113	76508	49.159	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.320%	
50) Toluene-d8	10.269	98	269800	48.647	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.300%	
62) 4-Bromofluorobenzene	12.569	95	97390	50.304	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.600%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	25516	19.675	ug/l	94
3) Chloromethane	2.152	50	27687	20.786	ug/l	96
4) Vinyl Chloride	2.287	62	32955	19.899	ug/l	92
5) Bromomethane	2.687	94	30077	21.111	ug/l	99
6) Chloroethane	2.834	64	25609	22.651	ug/l	93
7) Trichlorofluoromethane	3.175	101	53491	20.616	ug/l	99
8) Diethyl Ether	3.593	74	15267	21.421	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.975	101	31618	19.840	ug/l	98
10) Methyl Iodide	4.163	142	28459	18.212	ug/l	98
11) Tert butyl alcohol	5.063	59	11683	127.260	ug/l #	96
12) 1,1-Dichloroethene	3.940	96	28157	19.861	ug/l	98
13) Acrolein	3.799	56	13193	134.029	ug/l	90
14) Allyl chloride	4.558	41	42084	19.985	ug/l	98
15) Acrylonitrile	5.252	53	40335	118.439	ug/l	97
16) Acetone	4.028	43	44263	113.771	ug/l	98
17) Carbon Disulfide	4.269	76	65657	16.614	ug/l	98
18) Methyl Acetate	4.569	43	20182	24.165	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	71558	21.855	ug/l	95
20) Methylene Chloride	4.799	84	40279	22.272	ug/l	95
21) trans-1,2-Dichloroethene	5.310	96	31164	20.472	ug/l	94
22) Diisopropyl ether	6.216	45	100248	21.952	ug/l #	95
23) Vinyl Acetate	6.157	43	272943	106.373	ug/l	98
24) 1,1-Dichloroethane	6.105	63	62974	20.930	ug/l	96
25) 2-Butanone	7.081	43	54174	114.352	ug/l	95
26) 2,2-Dichloropropane	7.075	77	53665	20.615	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	38323	20.244	ug/l	94
28) Bromochloromethane	7.422	49	27989	21.795	ug/l	100
29) Tetrahydrofuran	7.446	42	29756	117.442	ug/l	99
30) Chloroform	7.593	83	68628	21.533	ug/l	98
31) Cyclohexane	7.875	56	40374	17.702	ug/l #	92
32) 1,1,1-Trichloroethane	7.793	97	54819	20.764	ug/l	99
36) 1,1-Dichloropropene	8.010	75	39123	18.756	ug/l	97
37) Ethyl Acetate	7.169	43	20799	20.596	ug/l #	80
38) Carbon Tetrachloride	7.993	117	45442	19.604	ug/l	97
39) Methylcyclohexane	9.275	83	41335	17.659	ug/l	94
40) Benzene	8.252	78	134347	20.367	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	14332	27.025	ug/l #	84
42) 1,2-Dichloroethane	8.322	62	39800	21.940	ug/l	100
43) Isopropyl Acetate	8.363	43	40938	22.004	ug/l	98
44) Trichloroethene	9.028	130	31618	19.376	ug/l	95
45) 1,2-Dichloropropane	9.299	63	35435	21.184	ug/l	99
46) Dibromomethane	9.393	93	20663	22.389	ug/l	97
47) Bromodichloromethane	9.581	83	54394	22.222	ug/l	94
48) Methyl methacrylate	9.381	41	18831	22.471	ug/l	94
49) 1,4-Dioxane	9.387	88	4502	443.929	ug/l	89
51) 4-Methyl-2-Pentanone	10.157	43	111617	117.267	ug/l	97
52) Toluene	10.328	92	83617	20.704	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	45183	21.080	ug/l	92
54) cis-1,3-Dichloropropene	10.016	75	53711	21.237	ug/l #	92
55) 1,1,2-Trichloroethane	10.734	97	30257	23.339	ug/l	96
56) Ethyl methacrylate	10.598	69	31767	20.975	ug/l	98
57) 1,3-Dichloropropane	10.881	76	46708	22.325	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	65413	116.720	ug/l	99
59) 2-Hexanone	10.922	43	80196	113.760	ug/l	100
60) Dibromochloromethane	11.075	129	36696	21.786	ug/l	99
61) 1,2-Dibromoethane	11.181	107	26383	22.112	ug/l	99
64) Tetrachloroethene	10.810	164	29095	20.880	ug/l	98
65) Chlorobenzene	11.604	112	96185	20.920	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	36367	22.017	ug/l	97
67) Ethyl Benzene	11.681	91	154550	19.874	ug/l	98
68) m/p-Xylenes	11.792	106	119310	39.977	ug/l	99
69) o-Xylene	12.122	106	54806	19.848	ug/l	98
70) Styrene	12.134	104	99861	20.323	ug/l	99
71) Bromoform	12.298	173	21758	21.904	ug/l #	98
73) Isopropylbenzene	12.422	105	149347	19.653	ug/l	99
74) N-amyl acetate	12.228	43	39166	21.310	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.669	83	36185	23.485	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	43015	34.903	ug/l #	100
77) Bromobenzene	12.698	156	40254	20.475	ug/l	98
78) n-propylbenzene	12.763	91	187134	19.807	ug/l	99
79) 2-Chlorotoluene	12.845	91	112357	20.470	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	126637	19.772	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	11465	20.761	ug/l	96
82) 4-Chlorotoluene	12.945	91	121006	20.520	ug/l	100
83) tert-Butylbenzene	13.163	119	105855	19.284	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	129265	20.098	ug/l	98
85) sec-Butylbenzene	13.345	105	164376	19.483	ug/l	99
86) p-Isopropyltoluene	13.457	119	135823	19.298	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	81629	20.294	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	81218	20.209	ug/l	98
89) n-Butylbenzene	13.787	91	130495	19.169	ug/l	99
90) Hexachloroethane	14.057	117	31458	20.220	ug/l	97
91) 1,2-Dichlorobenzene	13.828	146	73582	20.941	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	5231	20.333	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	44123	20.037	ug/l	99
94) Hexachlorobutadiene	15.204	225	23036	18.997	ug/l	96
95) Naphthalene	15.333	128	79041	20.127	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	38431	19.693	ug/l	97

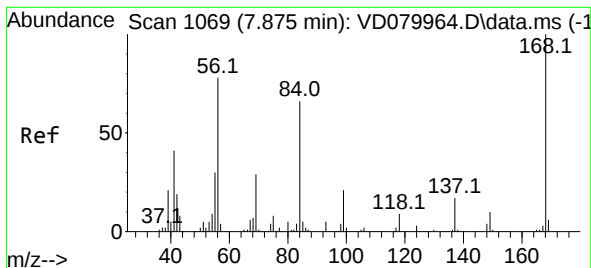
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Response via : Initial Calibration

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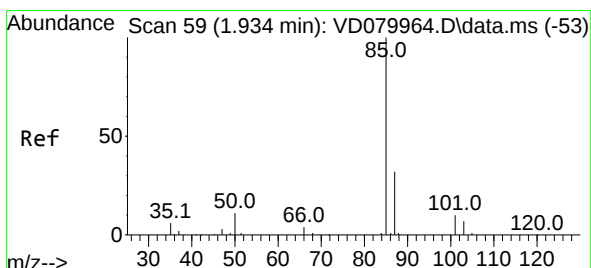
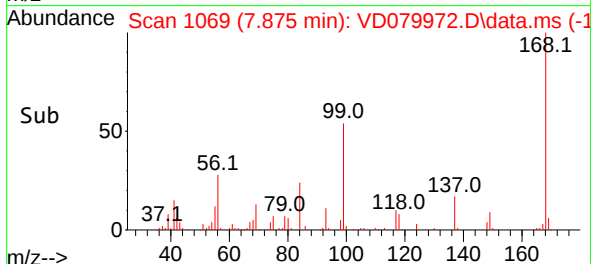
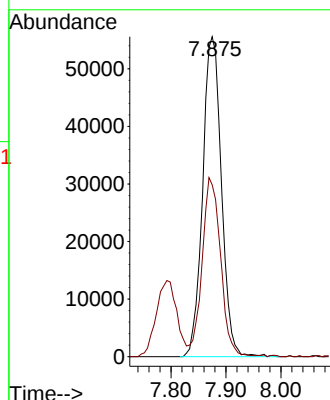
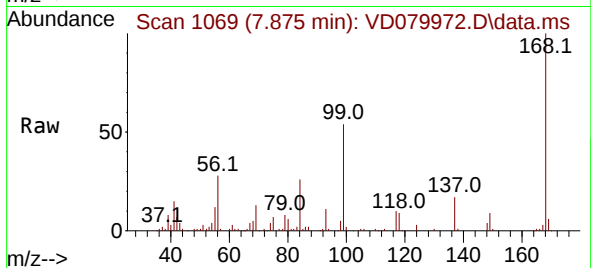
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079972.D
Acq: 14 Oct 2024 11:43

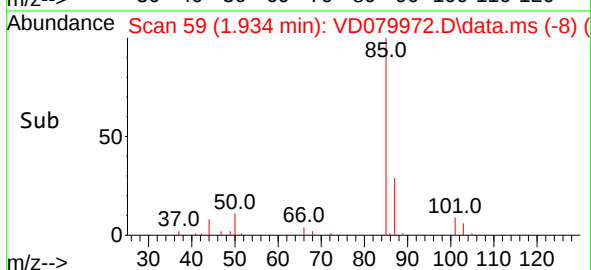
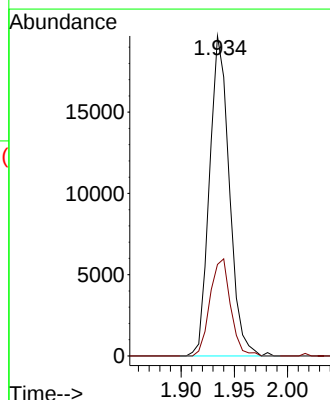
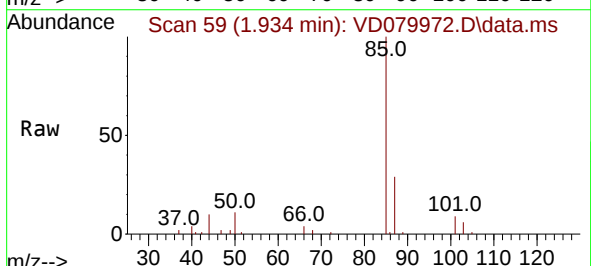
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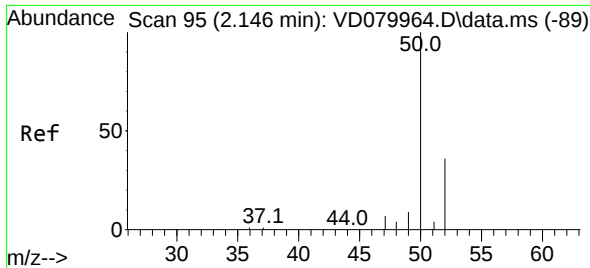
Tgt Ion:168 Resp: 131948
Ion Ratio Lower Upper
168 100
99 53.7 46.0 69.0



#2
Dichlorodifluoromethane
Concen: 19.675 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD079972.D
Acq: 14 Oct 2024 11:43

Tgt Ion: 85 Resp: 25516
Ion Ratio Lower Upper
85 100
87 28.6 16.1 48.2

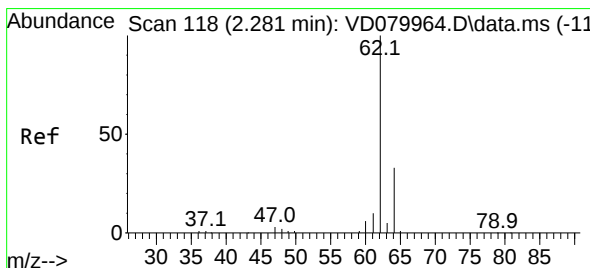
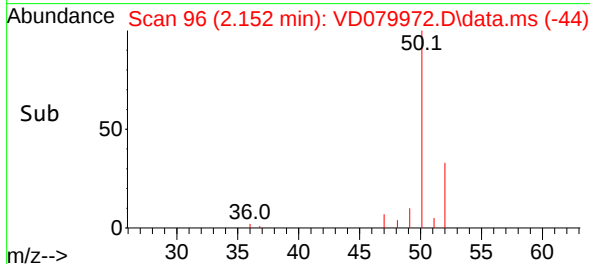
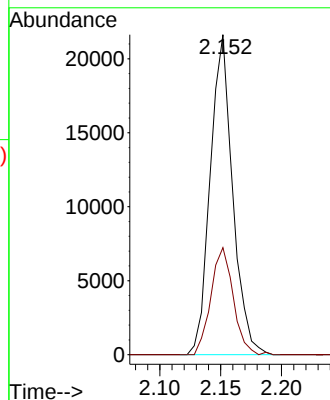
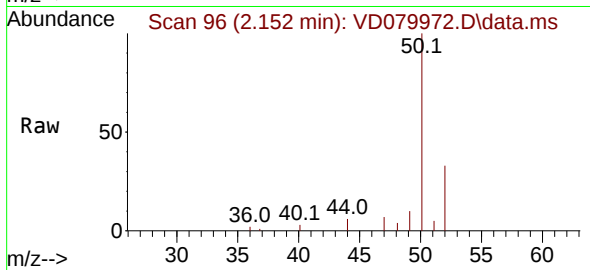




#3
Chloromethane
Concen: 20.786 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD079972.D
Acq: 14 Oct 2024 11:43

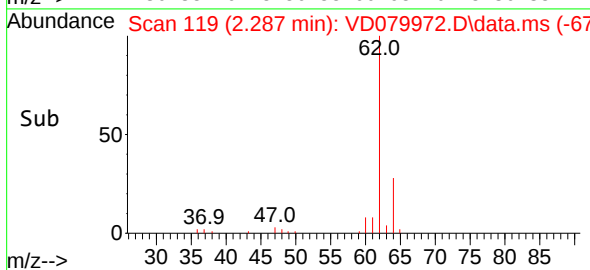
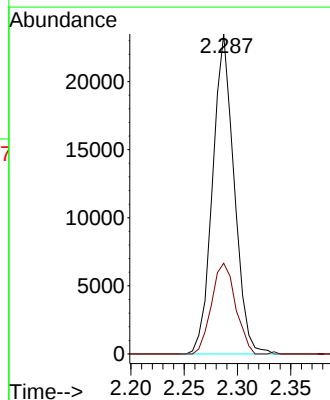
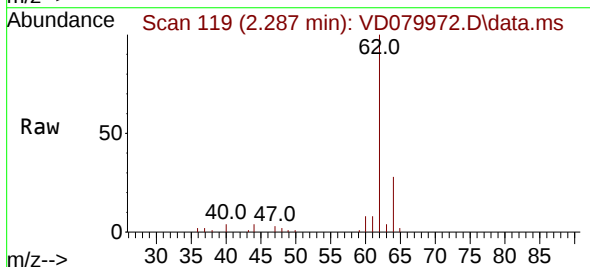
Instrument :
MSVOA_D
ClientSampleId :

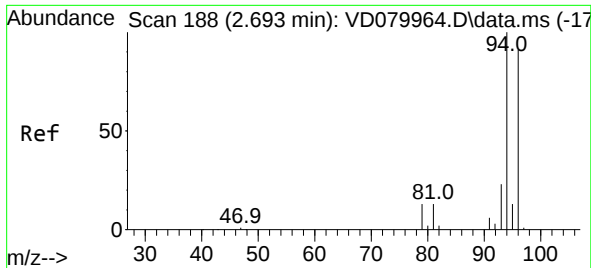
Tgt Ion: 50 Resp: 27687
Ion Ratio Lower Upper
50 100
52 33.4 28.8 43.2



#4
Vinyl Chloride
Concen: 19.899 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.006 min
Lab File: VD079972.D
Acq: 14 Oct 2024 11:43

Tgt Ion: 62 Resp: 32955
Ion Ratio Lower Upper
62 100
64 28.3 26.5 39.7

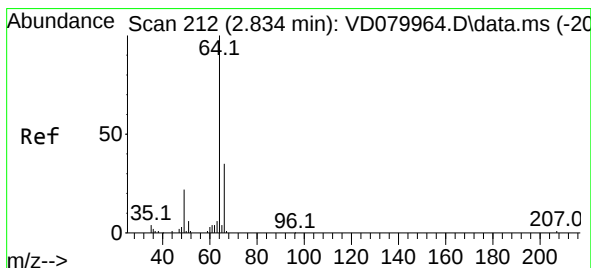
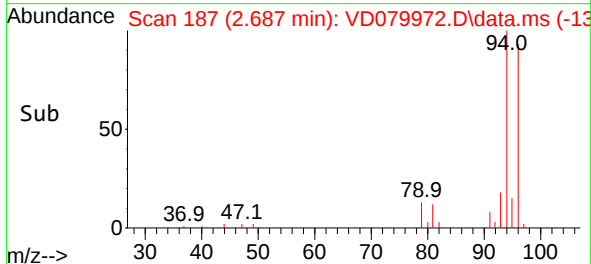
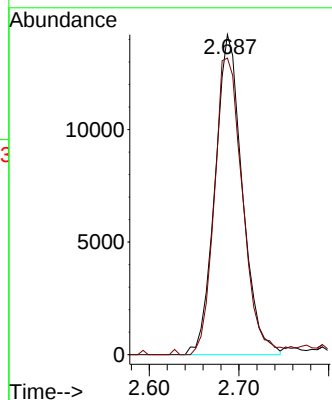
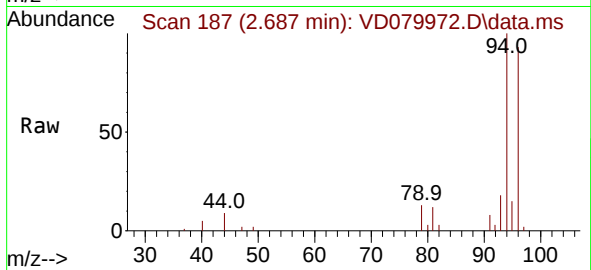




#5
Bromomethane
Concen: 21.111 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD079972.D
Acq: 14 Oct 2024 11:43

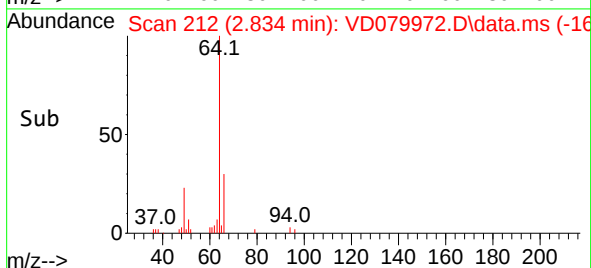
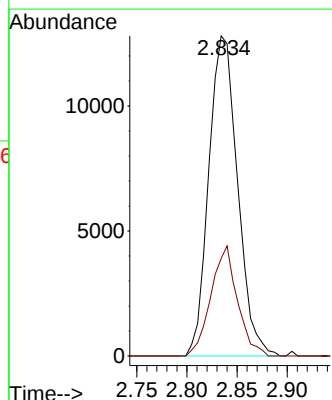
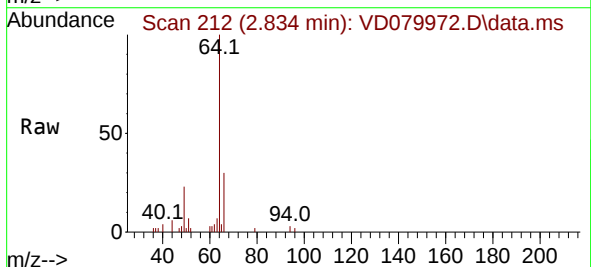
Instrument :
MSVOA_D
ClientSampleId :

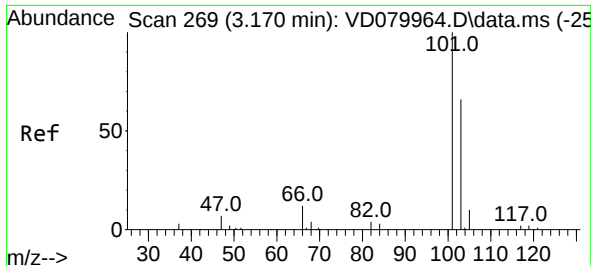
Tgt Ion: 94 Resp: 30077
Ion Ratio Lower Upper
94 100
96 95.8 76.2 114.2



#6
Chloroethane
Concen: 22.651 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.000 min
Lab File: VD079972.D
Acq: 14 Oct 2024 11:43

Tgt Ion: 64 Resp: 25609
Ion Ratio Lower Upper
64 100
66 30.5 27.6 41.4

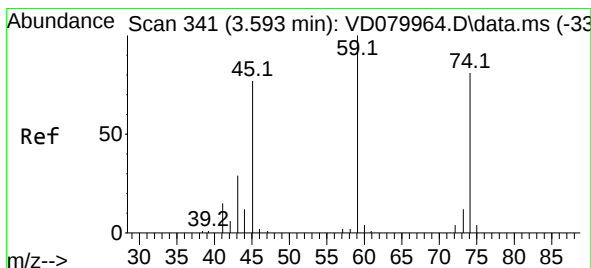
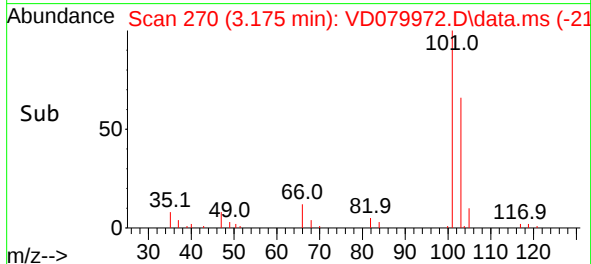
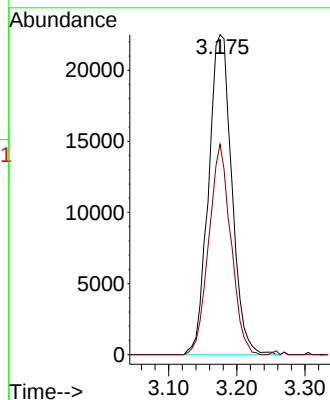
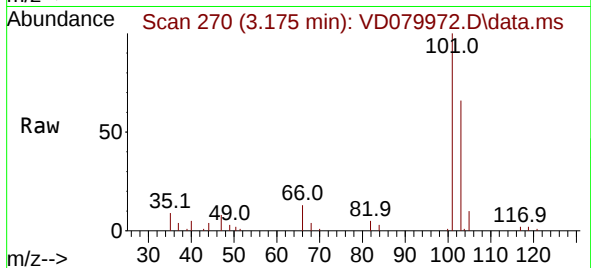




#7
Trichlorofluoromethane
Concen: 20.616 ug/l
RT: 3.175 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD079972.D
Acq: 14 Oct 2024 11:43

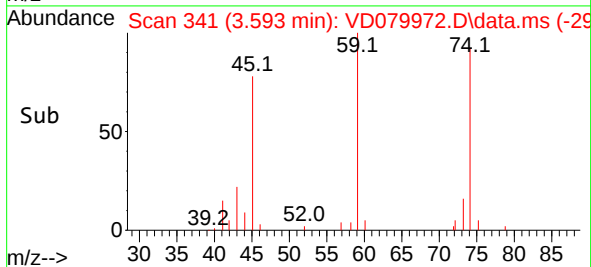
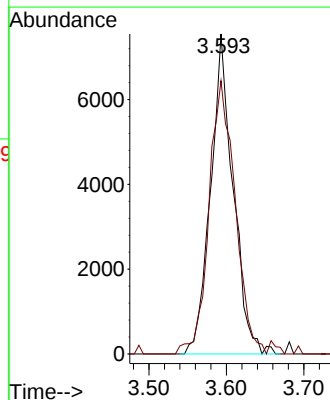
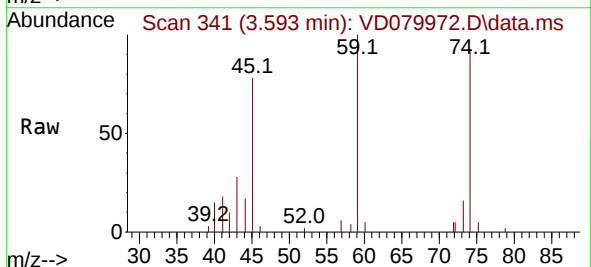
Instrument :
MSVOA_D
ClientSampleId :

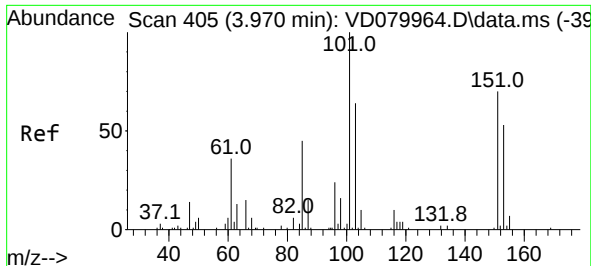
Tgt Ion:101 Resp: 53491
Ion Ratio Lower Upper
101 100
103 65.8 53.0 79.6



#8
Diethyl Ether
Concen: 21.421 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD079972.D
Acq: 14 Oct 2024 11:43

Tgt Ion: 74 Resp: 15267
Ion Ratio Lower Upper
74 100
45 99.1 47.8 143.3

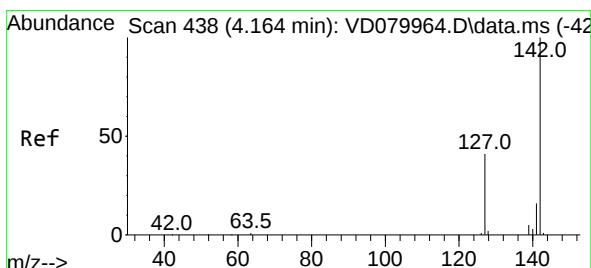
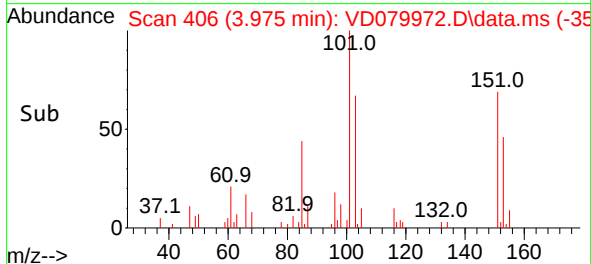
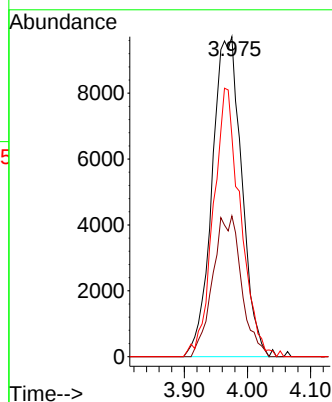
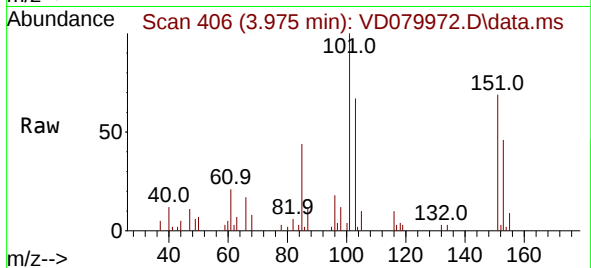




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.840 ug/l
RT: 3.975 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD079972.D
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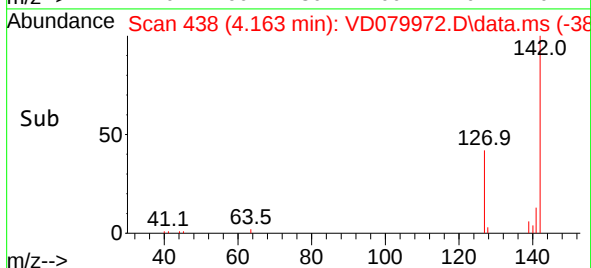
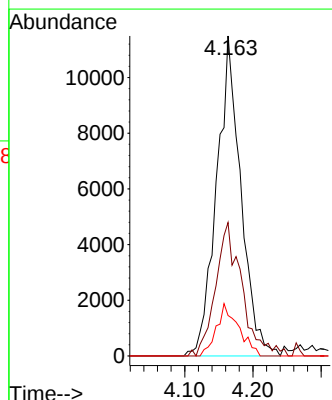
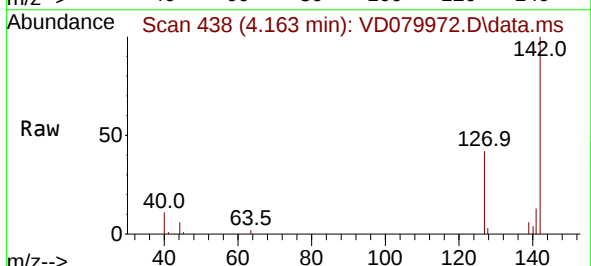
Instrument :
MSVOA_D
ClientSampleId :

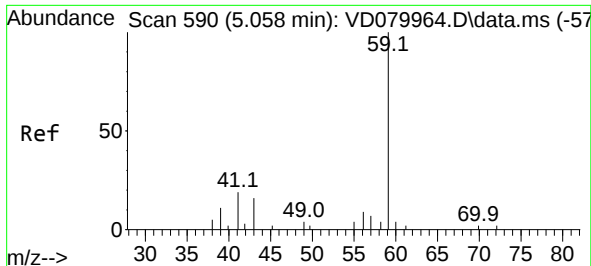
Tgt Ion:101 Resp: 31618
Ion Ratio Lower Upper
101 100
85 42.7 35.3 52.9
151 77.1 60.3 90.5



#10
Methyl Iodide
Concen: 18.212 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.000 min
Lab File: VD079972.D
Acq: 14 Oct 2024 11:43

Tgt Ion:142 Resp: 28459
Ion Ratio Lower Upper
142 100
127 45.3 35.3 52.9
141 14.8 12.2 18.2

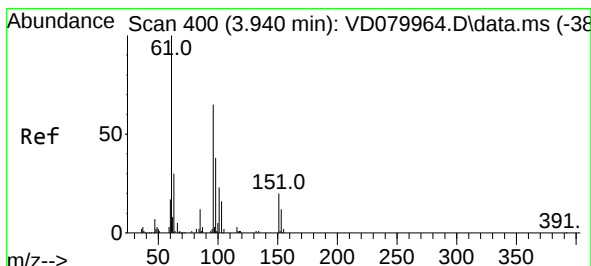
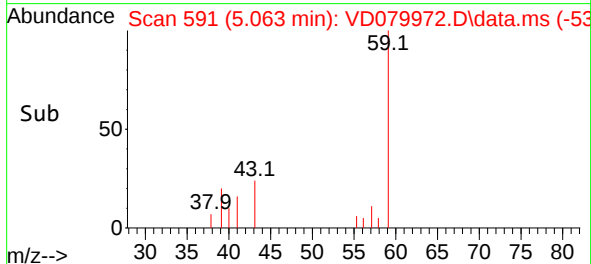
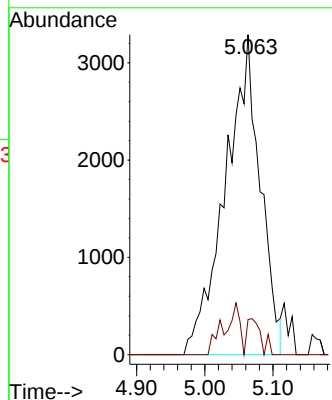
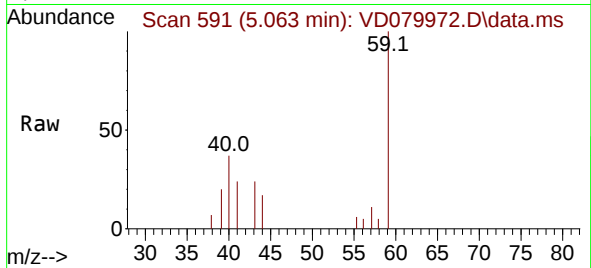




#11
Tert butyl alcohol
Concen: 127.260 ug/l
RT: 5.063 min Scan# 591
Delta R.T. 0.006 min
Lab File: VD079972.D
Acq: 14 Oct 2024 11:43

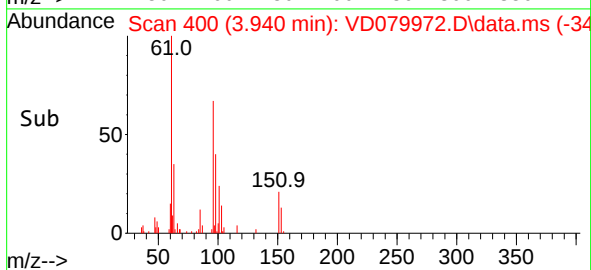
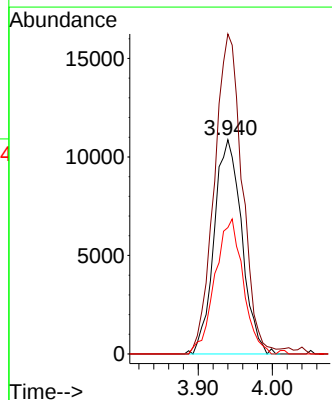
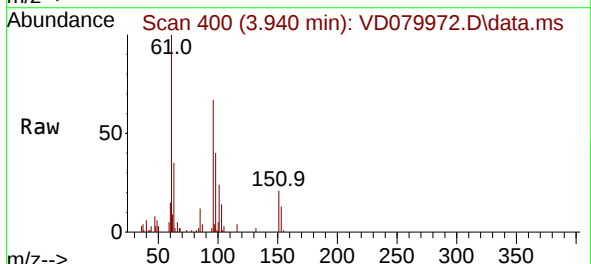
Instrument :
MSVOA_D
ClientSampleId :

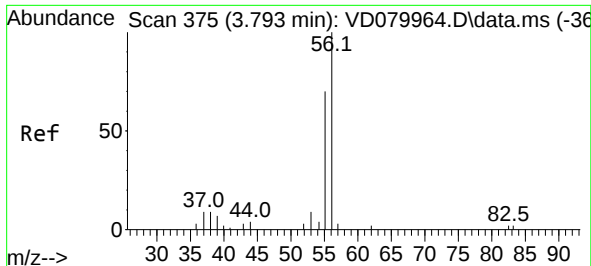
Tgt Ion: 59 Resp: 11683
Ion Ratio Lower Upper
59 100
57 4.6 4.8 7.2#



#12
1,1-Dichloroethene
Concen: 19.861 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.000 min
Lab File: VD079972.D
Acq: 14 Oct 2024 11:43

Tgt Ion: 96 Resp: 28157
Ion Ratio Lower Upper
96 100
61 149.3 122.6 184.0
98 59.0 47.1 70.7

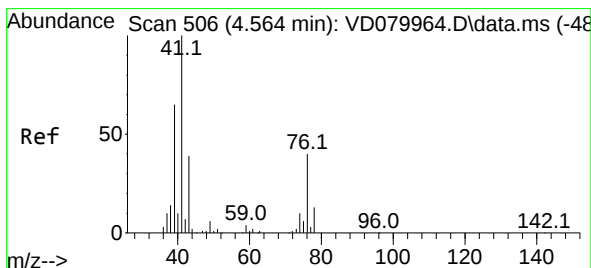
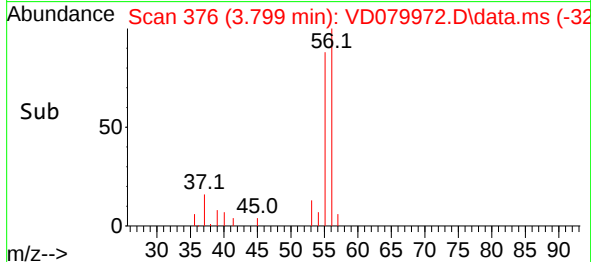
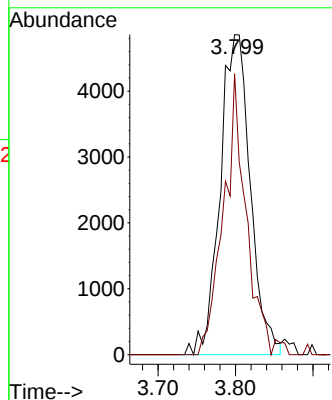
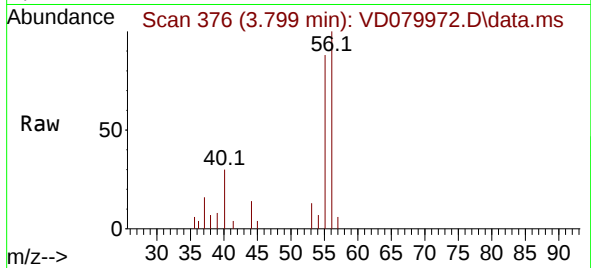




#13
Acrolein
Concen: 134.029 ug/l
RT: 3.799 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD079972.D
Acq: 14 Oct 2024 11:43

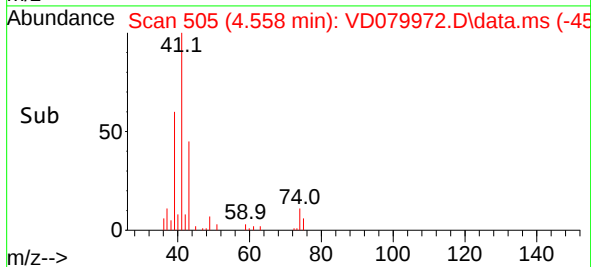
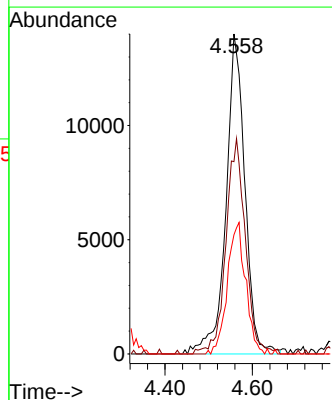
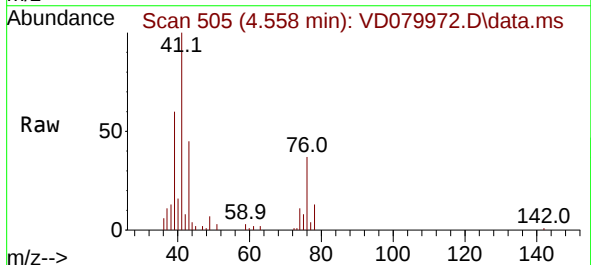
Instrument :
MSVOA_D
ClientSampleId :

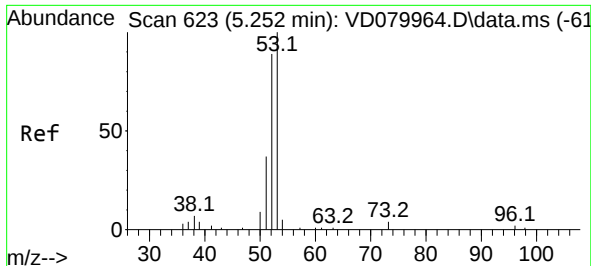
Tgt Ion: 56 Resp: 13193
Ion Ratio Lower Upper
56 100
55 64.7 58.2 87.2



#14
Allyl chloride
Concen: 19.985 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD079972.D
Acq: 14 Oct 2024 11:43

Tgt Ion: 41 Resp: 42084
Ion Ratio Lower Upper
41 100
39 69.3 53.3 79.9
76 39.5 32.0 48.0

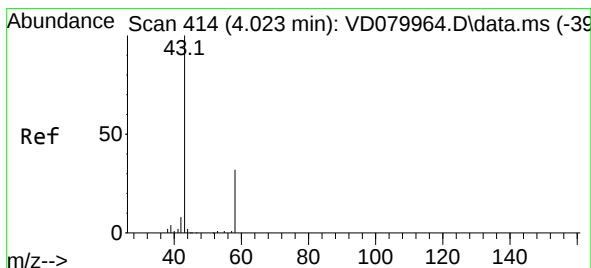
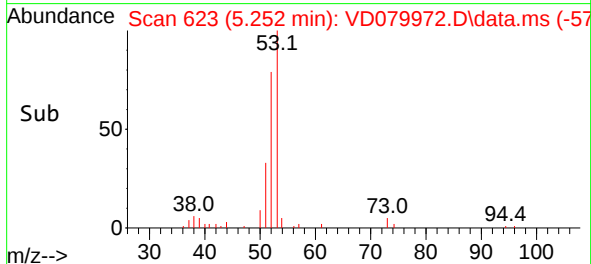
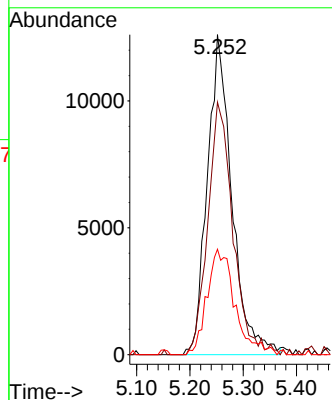
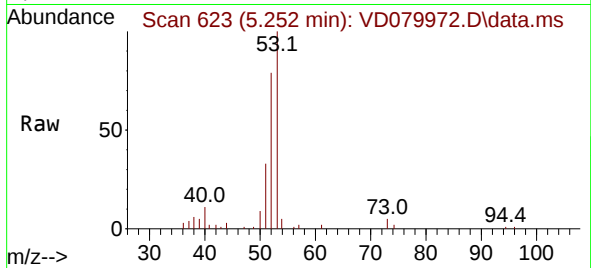




#15
Acrylonitrile
Concen: 118.439 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD079972.D
Acq: 14 Oct 2024 11:43

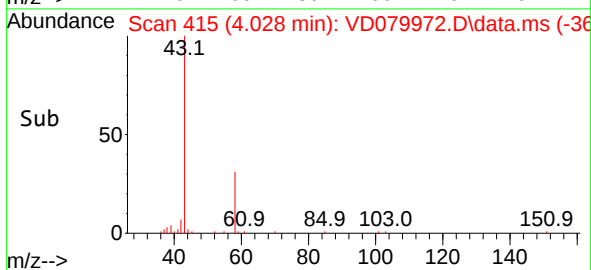
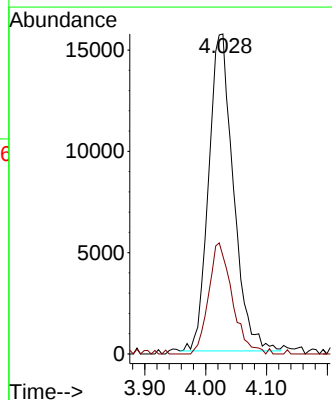
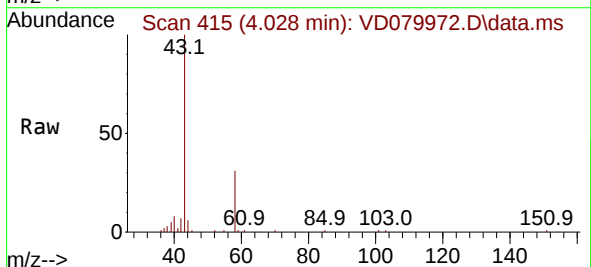
Instrument :
MSVOA_D
ClientSampleId :

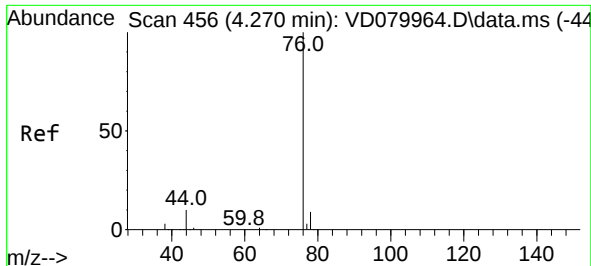
Tgt Ion: 53 Resp: 40335
Ion Ratio Lower Upper
53 100
52 79.9 66.2 99.4
51 37.4 30.3 45.5



#16
Acetone
Concen: 113.771 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD079972.D
Acq: 14 Oct 2024 11:43

Tgt Ion: 43 Resp: 44263
Ion Ratio Lower Upper
43 100
58 30.9 25.4 38.2

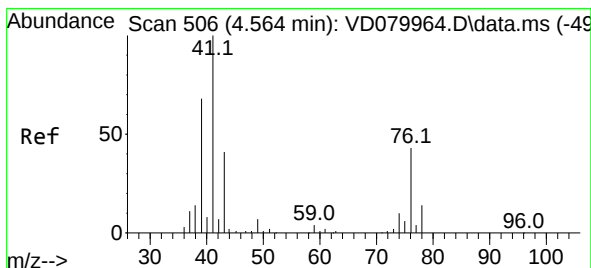
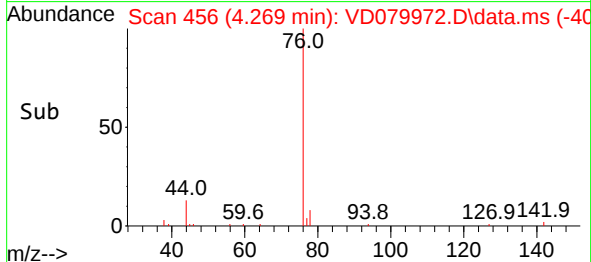
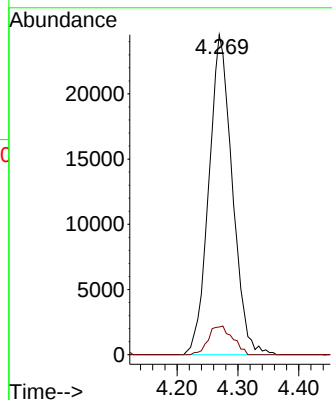
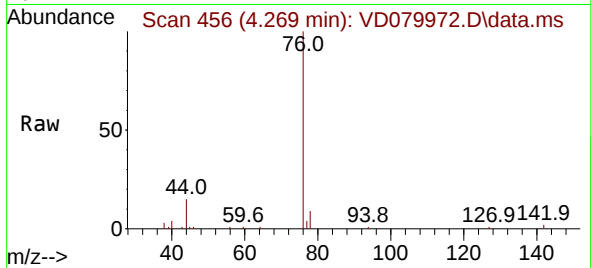




#17
Carbon Disulfide
Concen: 16.614 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD079972.D
Acq: 14 Oct 2024 11:43

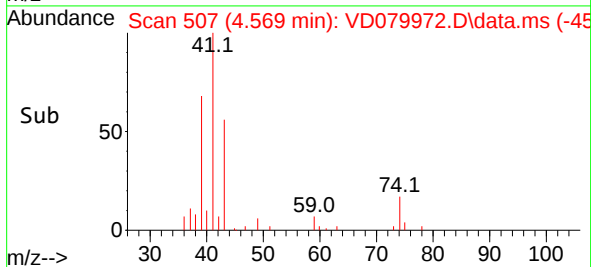
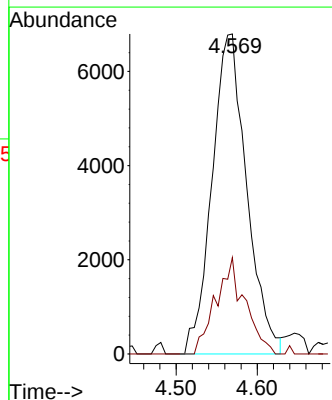
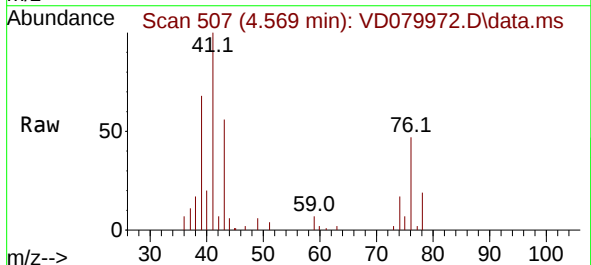
Instrument :
MSVOA_D
ClientSampleId :

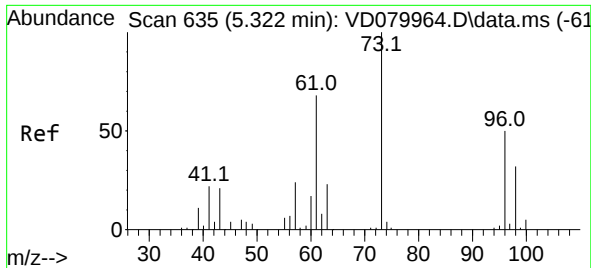
Tgt Ion: 76 Resp: 65657
Ion Ratio Lower Upper
76 100
78 8.6 7.5 11.3



#18
Methyl Acetate
Concen: 24.165 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD079972.D
Acq: 14 Oct 2024 11:43

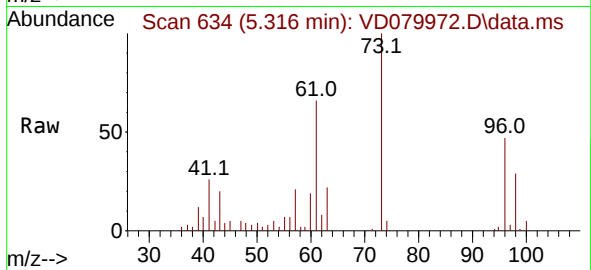
Tgt Ion: 43 Resp: 20182
Ion Ratio Lower Upper
43 100
74 25.2 20.5 30.7



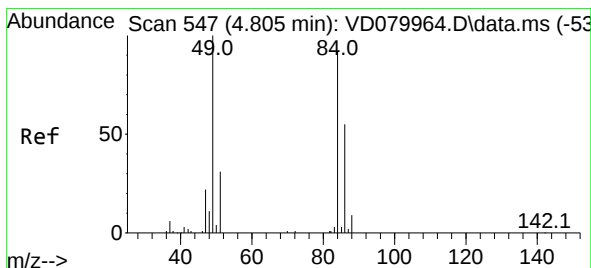
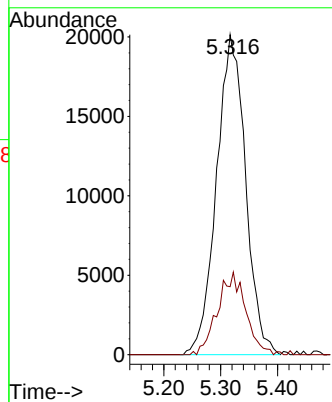
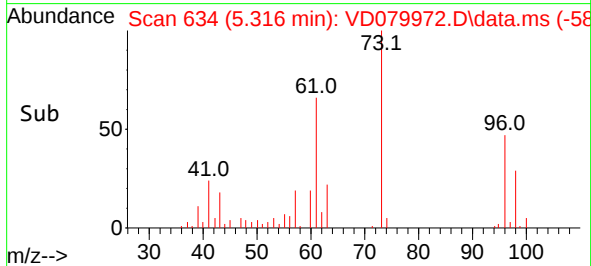


#19
Methyl tert-butyl Ether
Concen: 21.855 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD079972.D
Acq: 14 Oct 2024 11:43

Instrument :
MSVOA_D
ClientSampleId :

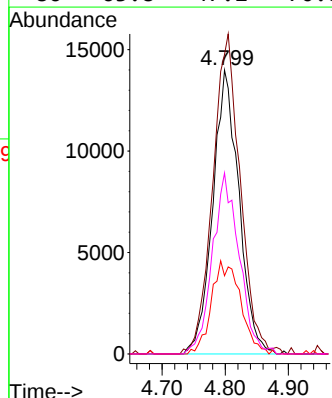
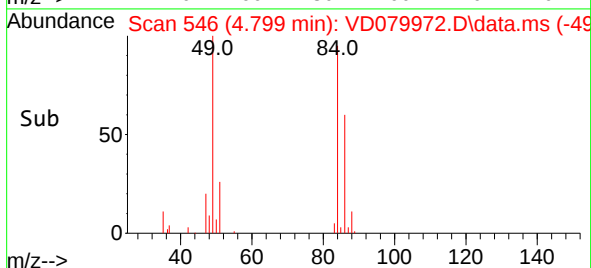
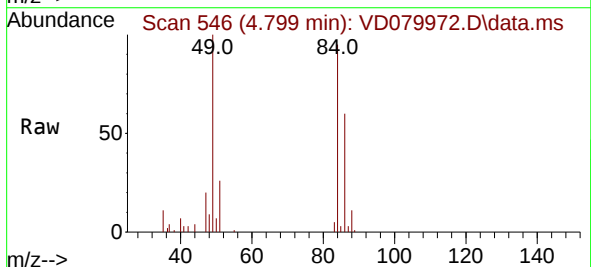


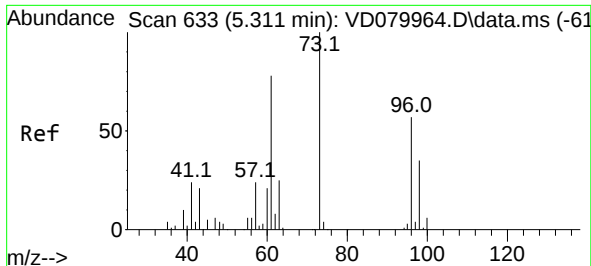
Tgt Ion: 73 Resp: 71558
Ion Ratio Lower Upper
73 100
57 21.3 18.8 28.2



#20
Methylene Chloride
Concen: 22.272 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD079972.D
Acq: 14 Oct 2024 11:43

Tgt Ion: 84 Resp: 40279
Ion Ratio Lower Upper
84 100
49 105.5 86.5 129.7
51 27.5 26.9 40.3
86 63.8 47.2 70.8

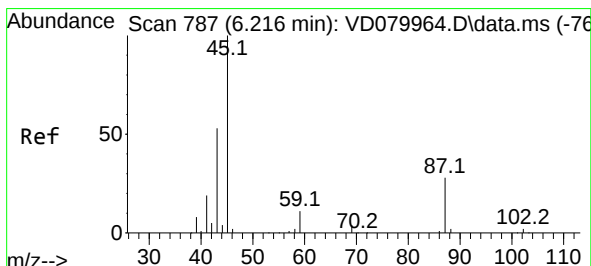
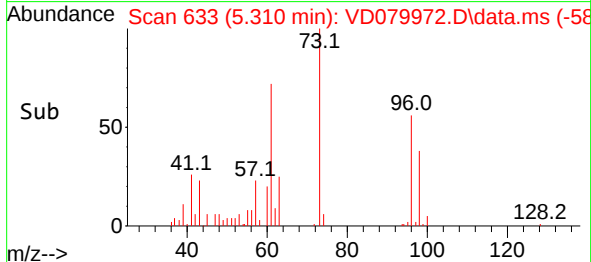
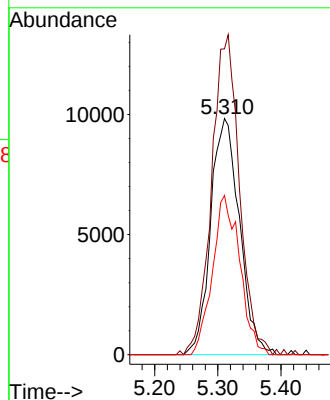
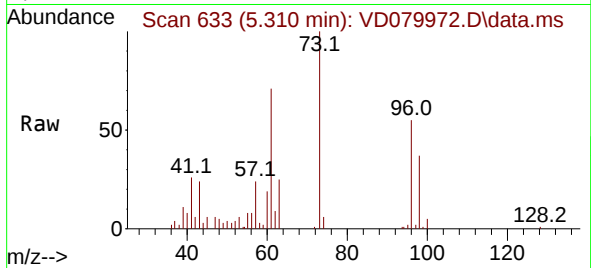




#21
trans-1,2-Dichloroethene
Concen: 20.472 ug/l
RT: 5.310 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD079972.D
Acq: 14 Oct 2024 11:43

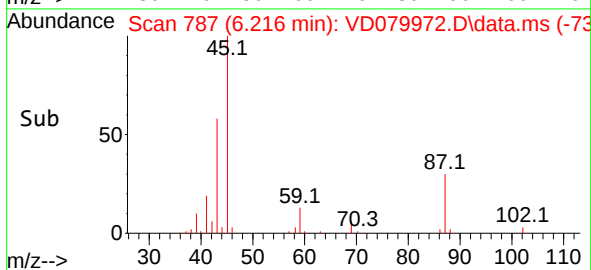
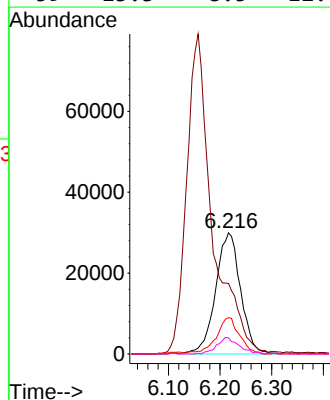
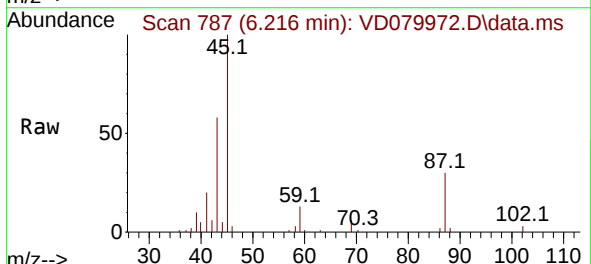
Instrument :
MSVOA_D
ClientSampleId :

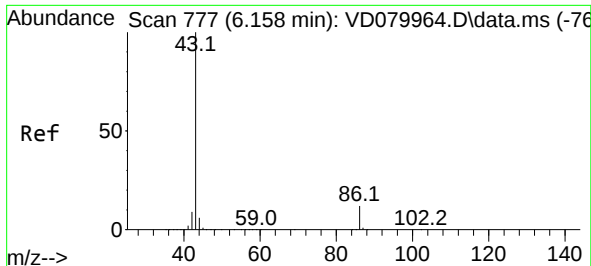
Tgt Ion: 96 Resp: 31164
Ion Ratio Lower Upper
96 100
61 129.5 109.4 164.0
98 67.4 49.8 74.8



#22
Diisopropyl ether
Concen: 21.952 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.000 min
Lab File: VD079972.D
Acq: 14 Oct 2024 11:43

Tgt Ion: 45 Resp: 100248
Ion Ratio Lower Upper
45 100
43 56.7 42.6 63.8
87 29.9 22.7 34.1
59 13.3 8.5 12.7#

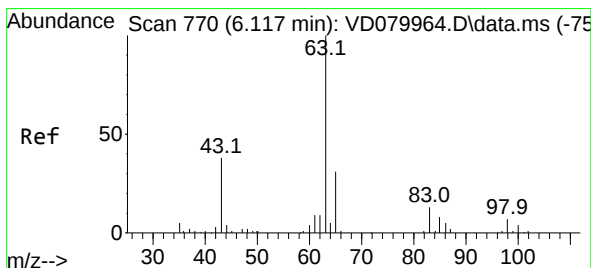
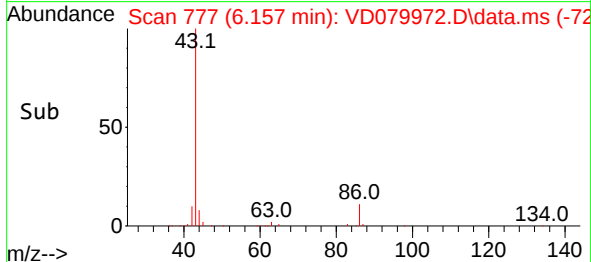
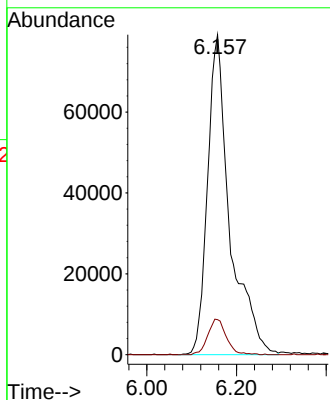
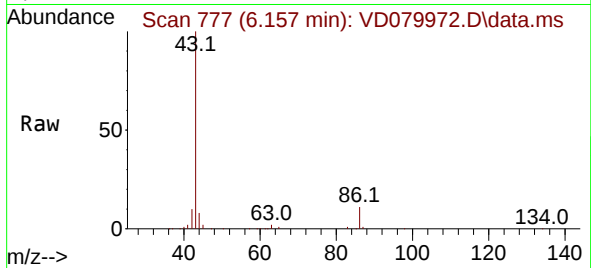




#23
 Vinyl Acetate
 Concen: 106.373 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VD079972.D
 Acq: 14 Oct 2024 11:43

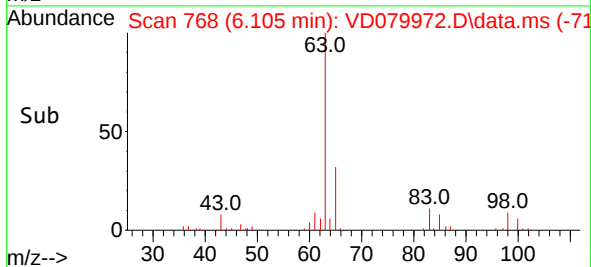
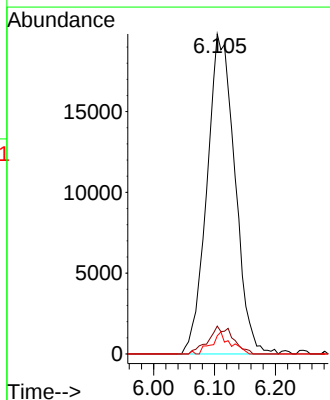
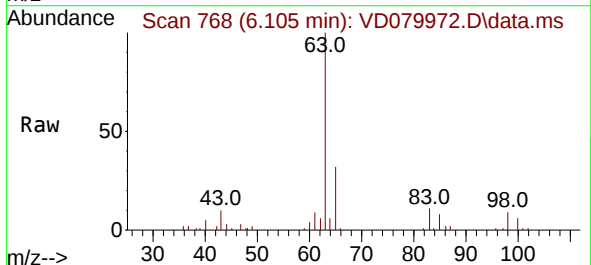
Instrument :
 MSVOA_D
 ClientSampleId :

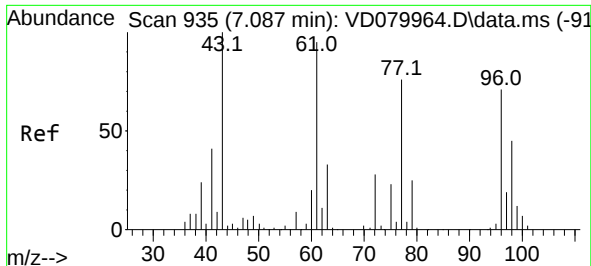
Tgt Ion: 43 Resp: 272943
 Ion Ratio Lower Upper
 43 100
 86 11.0 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 20.930 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.012 min
 Lab File: VD079972.D
 Acq: 14 Oct 2024 11:43

Tgt Ion: 63 Resp: 62974
 Ion Ratio Lower Upper
 63 100
 98 8.7 3.5 10.6
 100 5.6 2.1 6.5





#25

2-Butanone

Concen: 114.352 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD079972.D

Acq: 14 Oct 2024 11:43

Instrument :

MSVOA_D

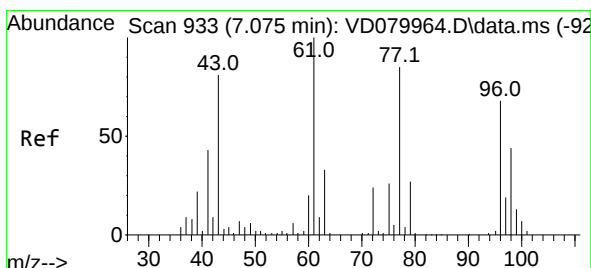
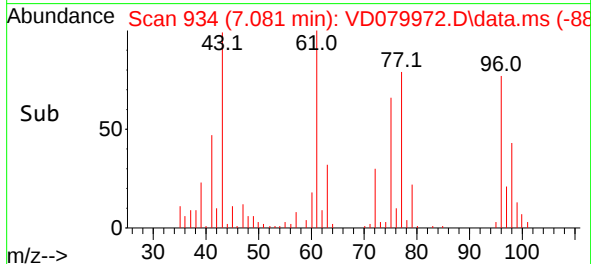
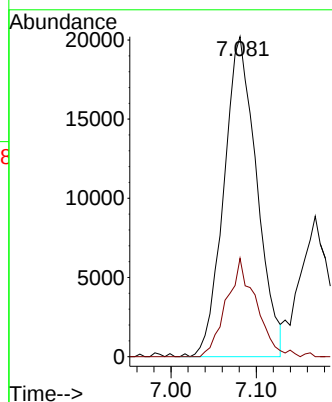
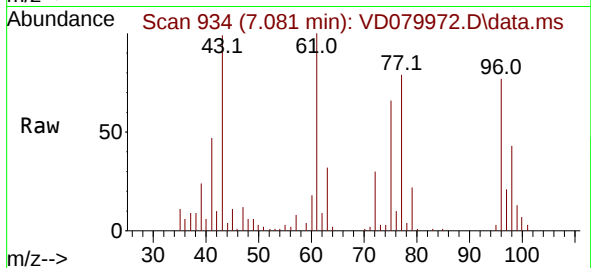
ClientSampleId :

Tgt Ion: 43 Resp: 54174

Ion Ratio Lower Upper

43 100

72 30.8 22.3 33.5



#26

2,2-Dichloropropane

Concen: 20.615 ug/l

RT: 7.075 min Scan# 933

Delta R.T. -0.000 min

Lab File: VD079972.D

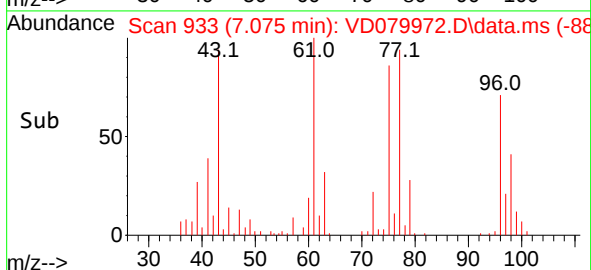
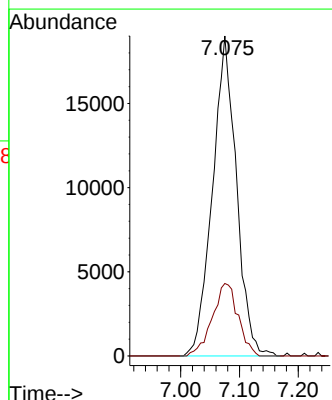
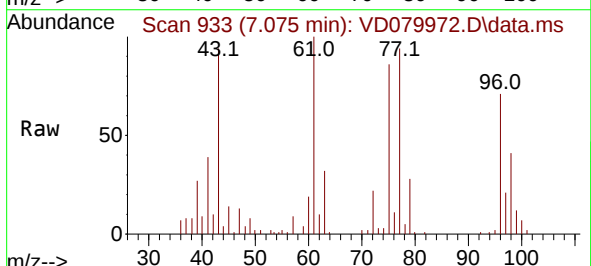
Acq: 14 Oct 2024 11:43

Tgt Ion: 77 Resp: 53665

Ion Ratio Lower Upper

77 100

97 24.4 11.9 35.9



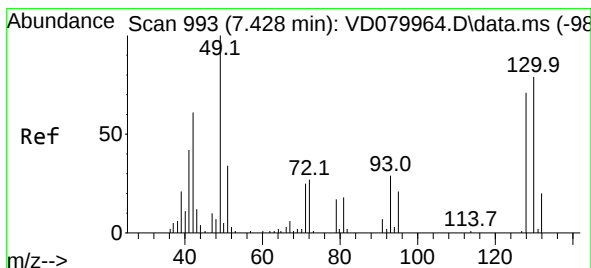
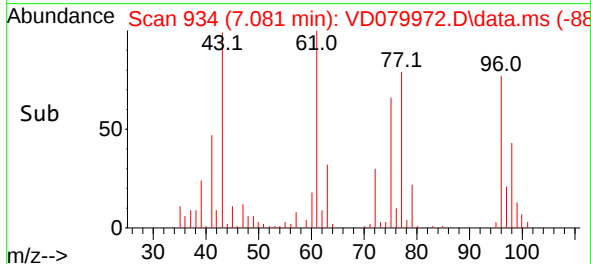
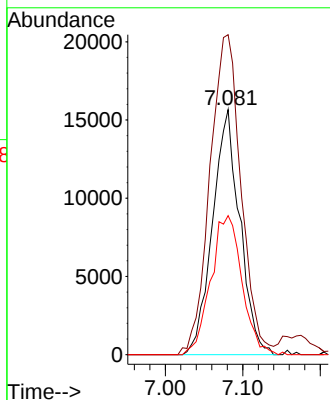
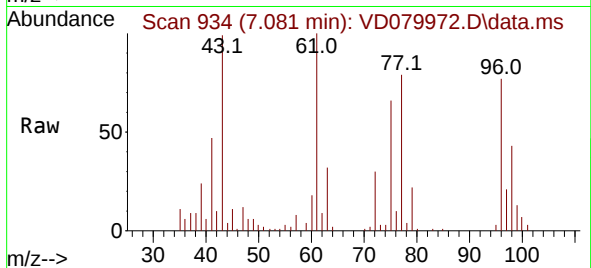


#27
 cis-1,2-Dichloroethene
 Concen: 20.244 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD079972.D
 Acq: 14 Oct 2024 11:43

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 96 Resp: 38323

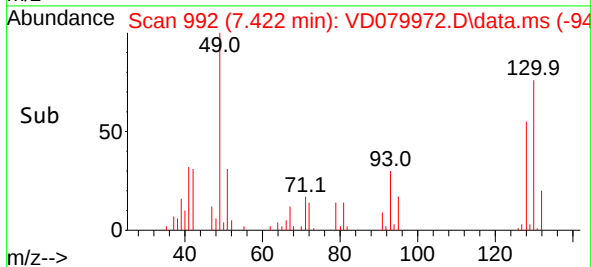
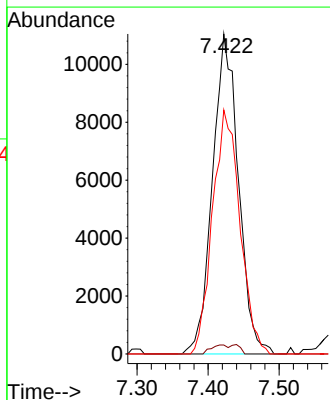
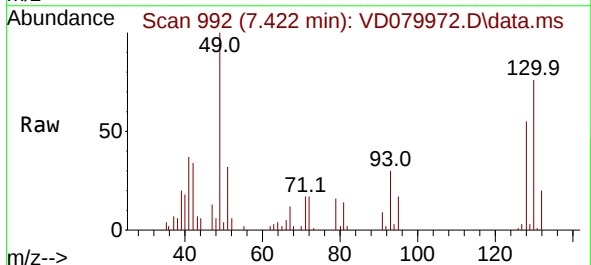
Ion	Ratio	Lower	Upper
96	100		
61	148.9	0.0	278.2
98	65.0	0.0	127.8

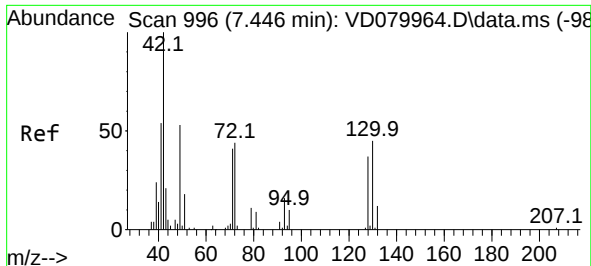


#28
 Bromochloromethane
 Concen: 21.795 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD079972.D
 Acq: 14 Oct 2024 11:43

Tgt Ion: 49 Resp: 27989

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	2.2
130	80.4	64.6	97.0





#29

Tetrahydrofuran

Concen: 117.442 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

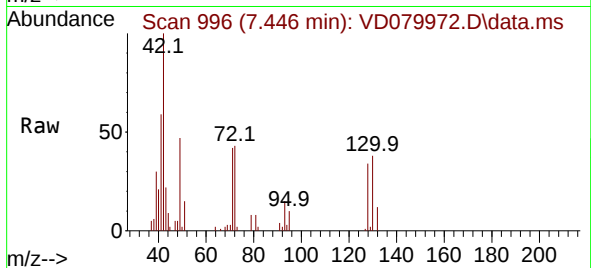
Lab File: VD079972.D

Acq: 14 Oct 2024 11:43

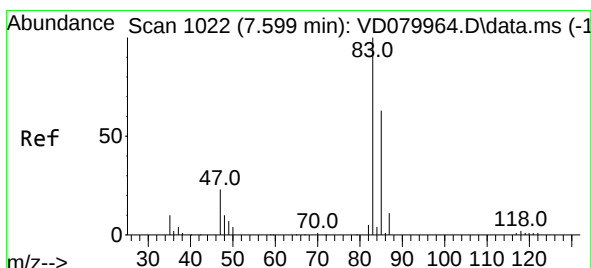
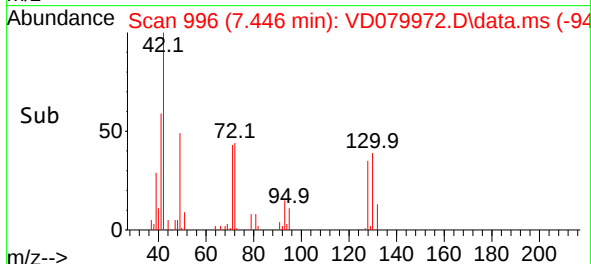
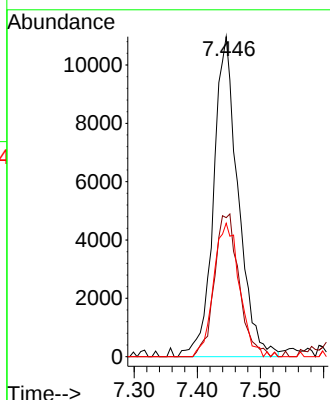
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	42	Resp:	29756
Ion	Ratio	Lower	Upper
42	100		
72	44.8	36.7	55.1
71	43.7	34.4	51.6



#30

Chloroform

Concen: 21.533 ug/l

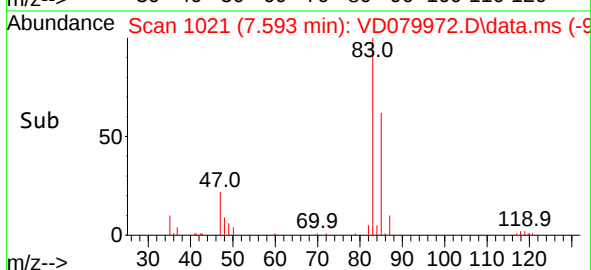
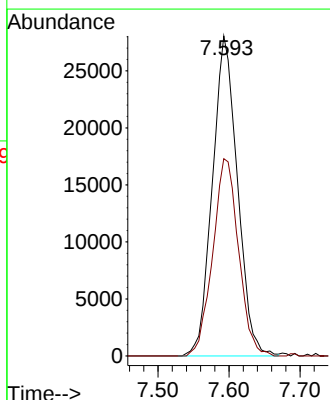
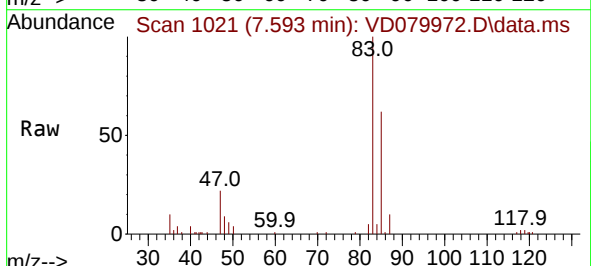
RT: 7.593 min Scan# 1021

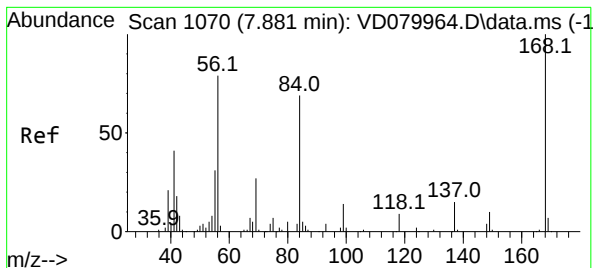
Delta R.T. -0.006 min

Lab File: VD079972.D

Acq: 14 Oct 2024 11:43

Tgt Ion:	83	Resp:	68628
Ion	Ratio	Lower	Upper
83	100		
85	61.7	50.8	76.2





#31

Cyclohexane

Concen: 17.702 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD079972.D

Acq: 14 Oct 2024 11:43

Instrument :

MSVOA_D

ClientSampleId :

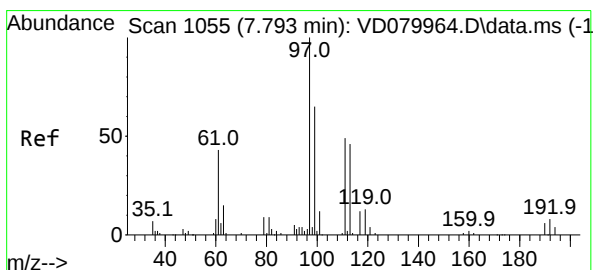
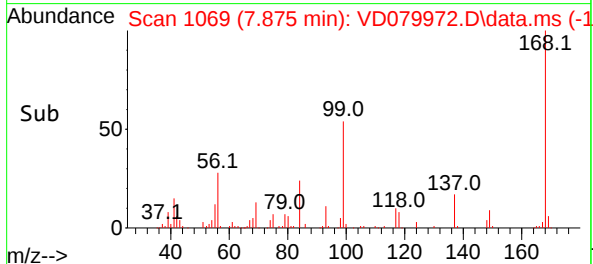
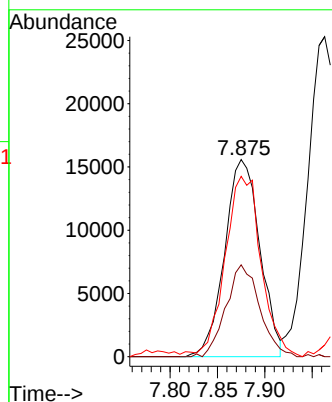
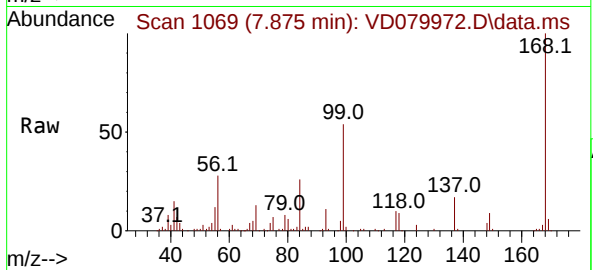
Tgt Ion: 56 Resp: 40374

Ion Ratio Lower Upper

56 100

69 46.6 27.3 40.9#

84 90.3 70.2 105.4



#32

1,1,1-Trichloroethane

Concen: 20.764 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD079972.D

Acq: 14 Oct 2024 11:43

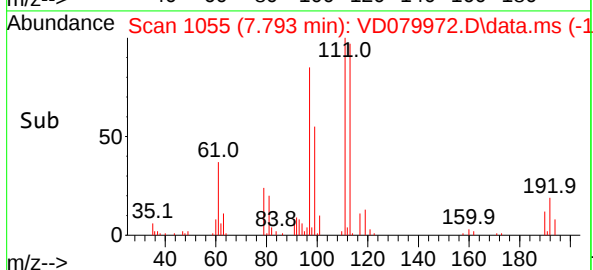
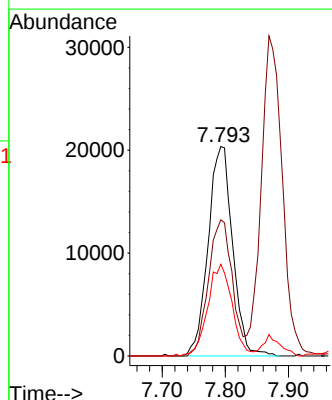
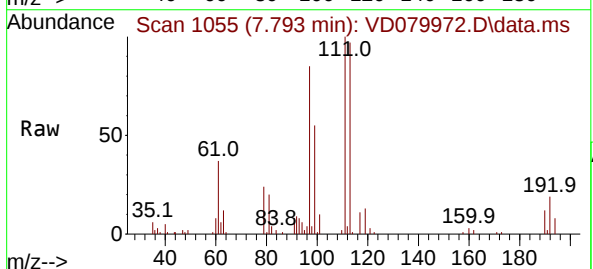
Tgt Ion: 97 Resp: 54819

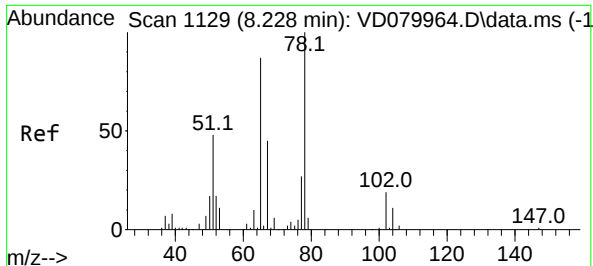
Ion Ratio Lower Upper

97 100

99 62.9 50.7 76.1

61 43.6 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 52.252 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079972.D

Acq: 14 Oct 2024 11:43

Instrument :

MSVOA_D

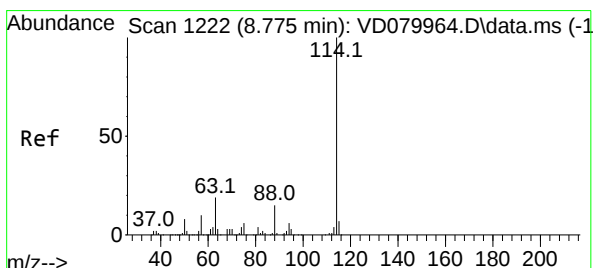
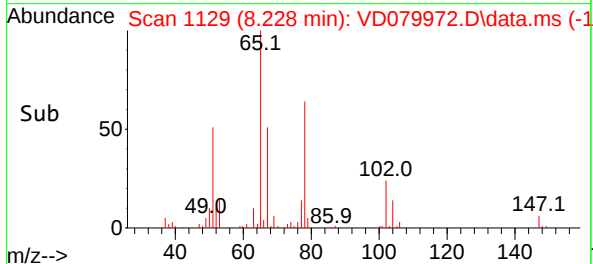
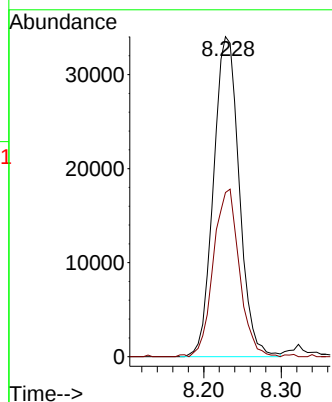
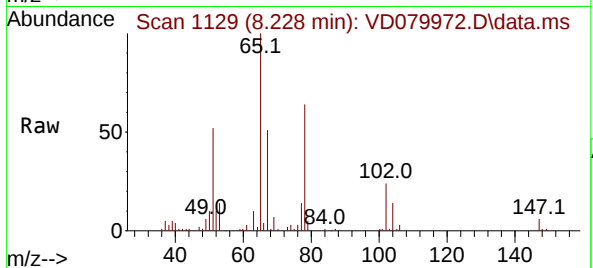
ClientSampleId :

Tgt Ion: 65 Resp: 78428

Ion Ratio Lower Upper

65 100

67 53.0 0.0 109.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD079972.D

Acq: 14 Oct 2024 11:43

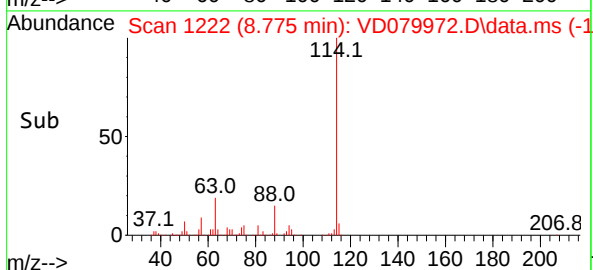
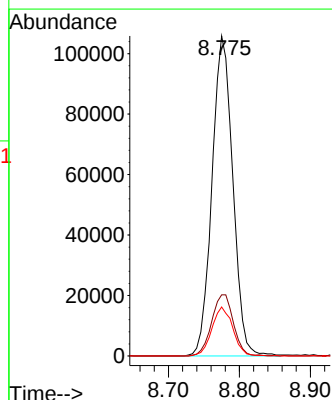
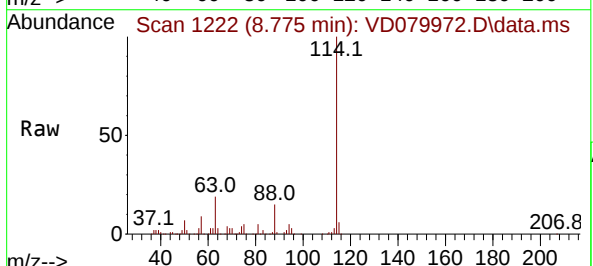
Tgt Ion: 114 Resp: 215629

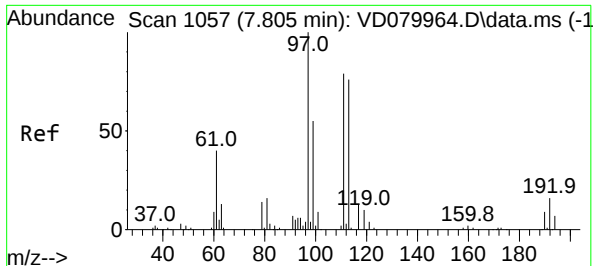
Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.8

88 15.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.159 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

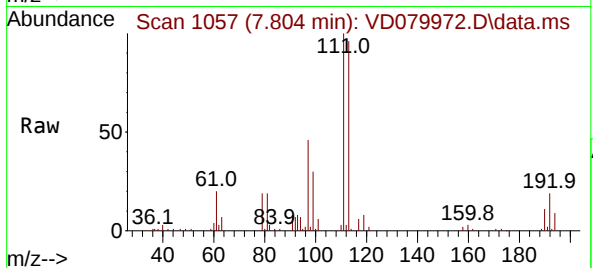
Lab File: VD079972.D

Acq: 14 Oct 2024 11:43

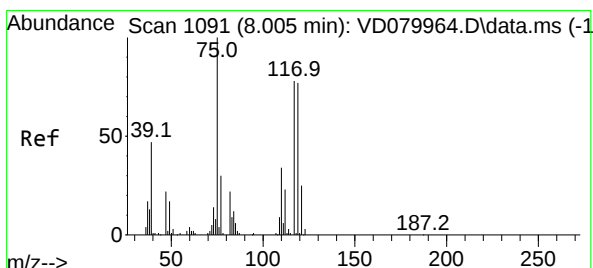
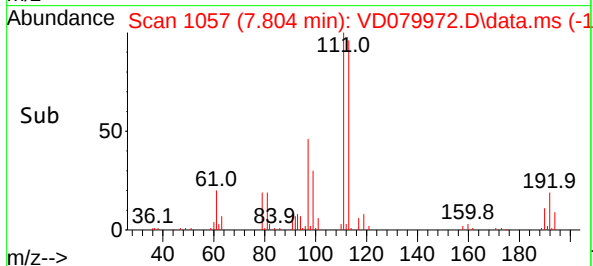
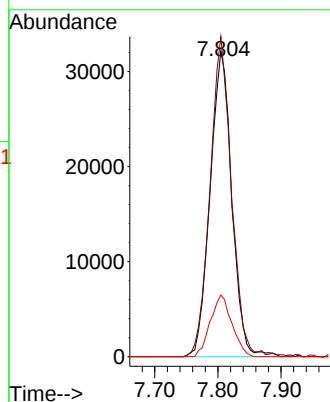
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	113	Resp:	76508
Ion Ratio	Lower	Upper	
113	100		
111	103.2	82.5	123.7
192	20.1	16.6	25.0



#36

1,1-Dichloropropene

Concen: 18.756 ug/l

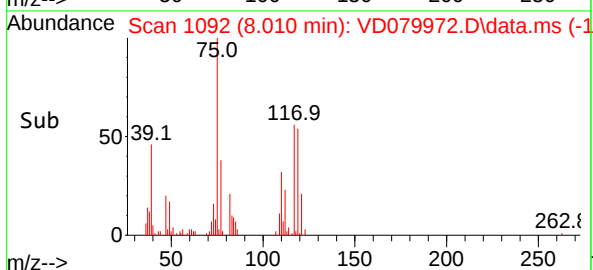
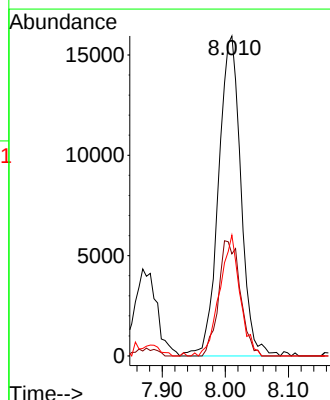
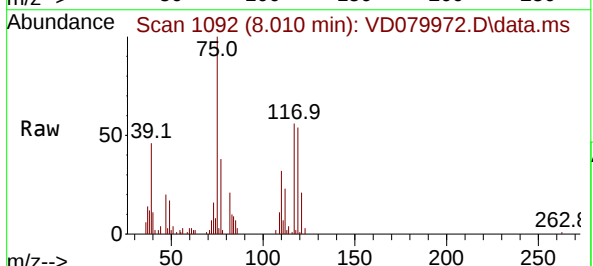
RT: 8.010 min Scan# 1092

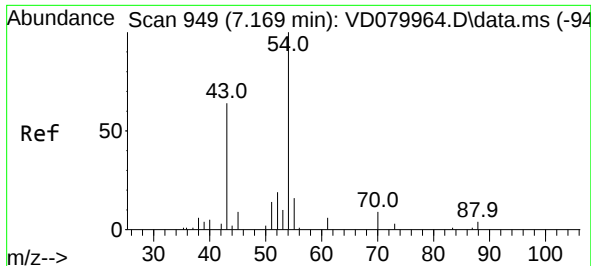
Delta R.T. 0.006 min

Lab File: VD079972.D

Acq: 14 Oct 2024 11:43

Tgt Ion:	75	Resp:	39123
Ion Ratio	Lower	Upper	
75	100		
110	35.2	18.4	55.0
77	34.4	25.6	38.4





#37

Ethyl Acetate

Concen: 20.596 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.000 min

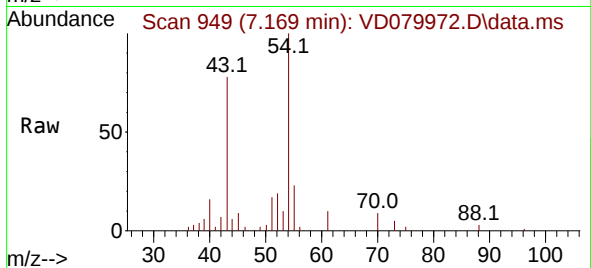
Lab File: VD079972.D

Acq: 14 Oct 2024 11:43

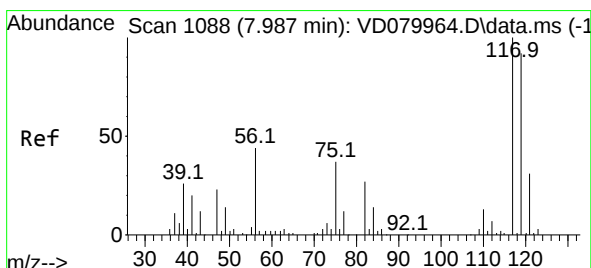
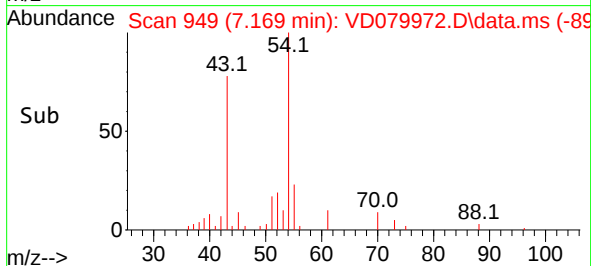
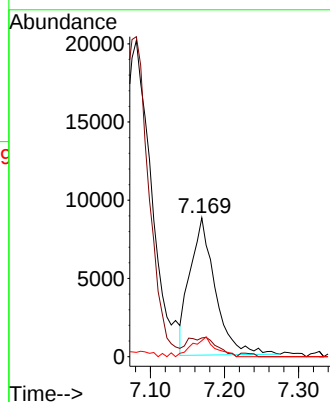
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	43	Resp:	20799
Ion Ratio	Lower	Upper	
43	100		
61	0.0	11.0	16.4#
70	13.3	9.4	14.2



#38

Carbon Tetrachloride

Concen: 19.604 ug/l

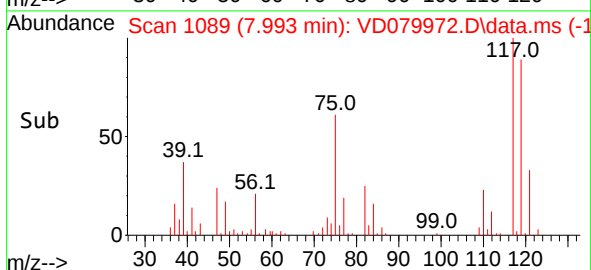
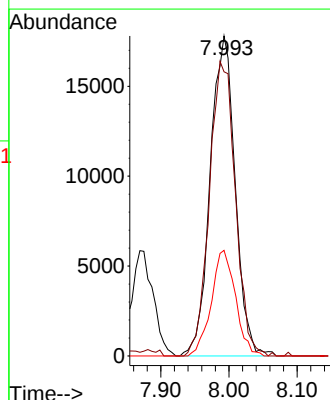
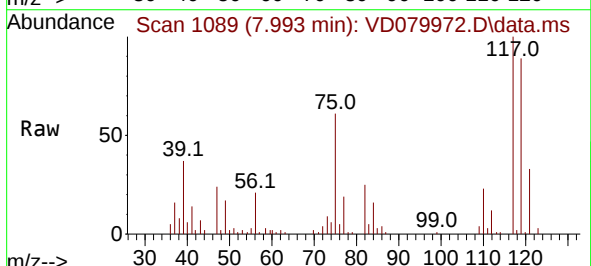
RT: 7.993 min Scan# 1089

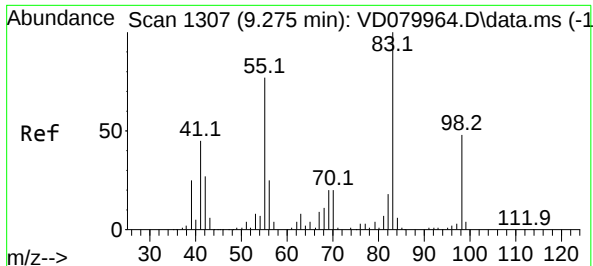
Delta R.T. 0.006 min

Lab File: VD079972.D

Acq: 14 Oct 2024 11:43

Tgt Ion:	117	Resp:	45442
Ion Ratio	Lower	Upper	
117	100		
119	88.8	73.4	110.0
121	33.0	24.5	36.7





#39

Methylcyclohexane

Concen: 17.659 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD079972.D

Acq: 14 Oct 2024 11:43

Instrument :

MSVOA_D

ClientSampleId :

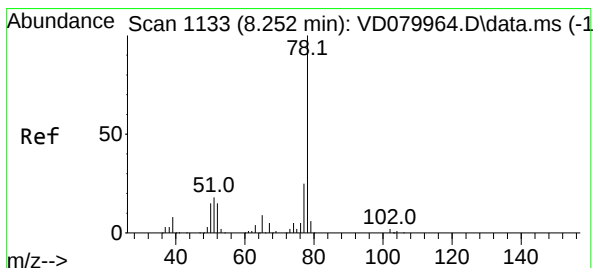
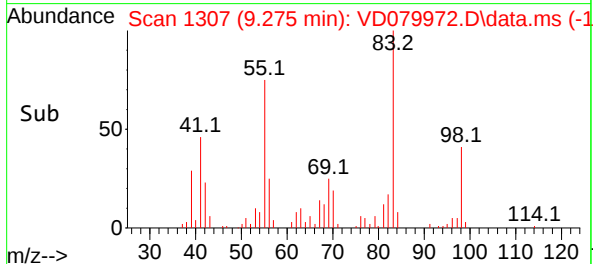
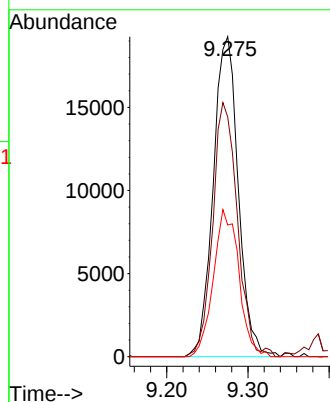
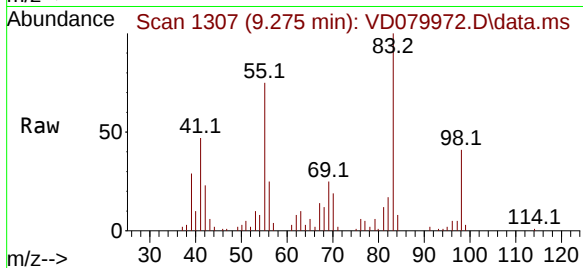
Tgt Ion: 83 Resp: 41335

Ion Ratio Lower Upper

83 100

55 74.9 62.0 93.0

98 41.2 38.7 58.1



#40

Benzene

Concen: 20.367 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD079972.D

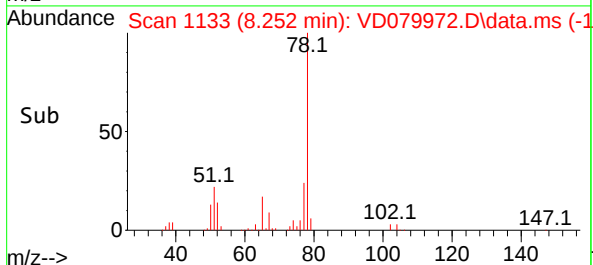
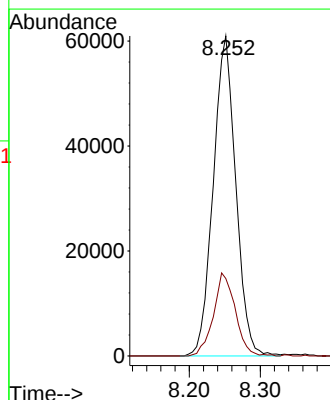
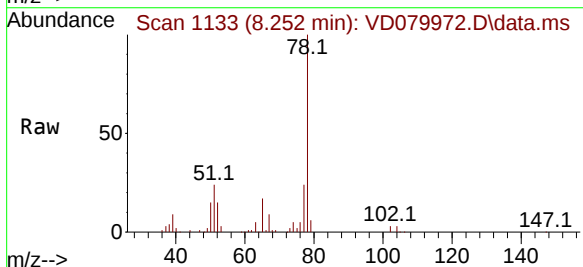
Acq: 14 Oct 2024 11:43

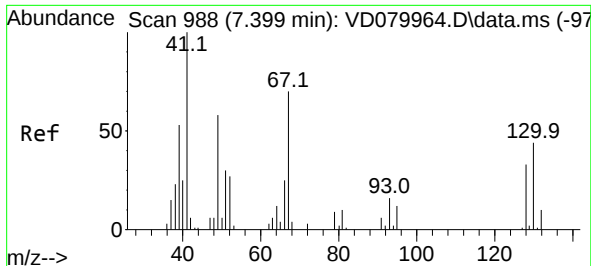
Tgt Ion: 78 Resp: 134347

Ion Ratio Lower Upper

78 100

77 24.2 20.2 30.4



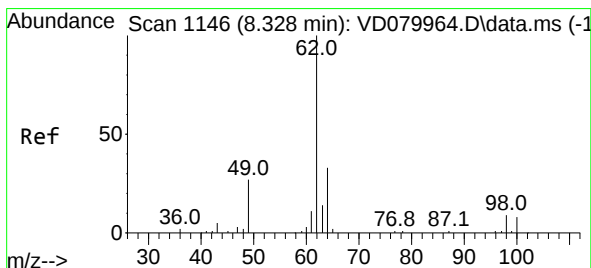
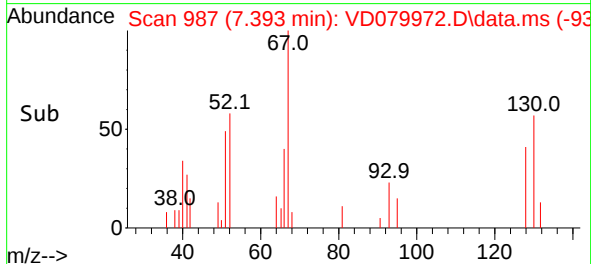
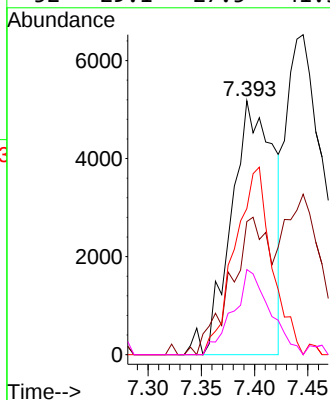
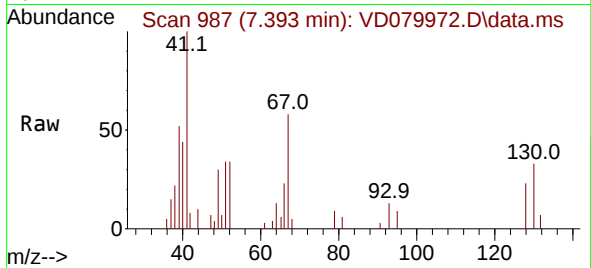


#41
Methacrylonitrile
Concen: 27.025 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD079972.D
Acq: 14 Oct 2024 11:43

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 41 Resp: 14332

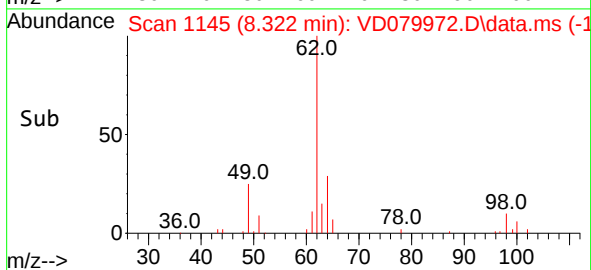
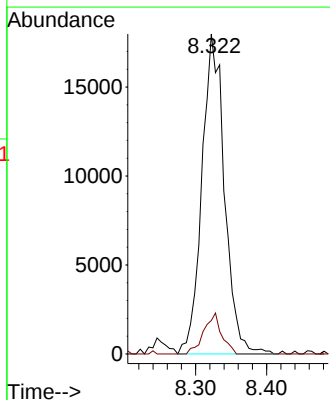
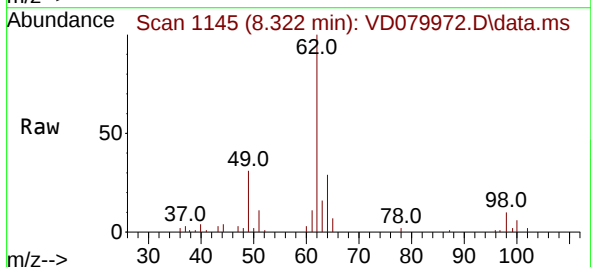
Ion	Ratio	Lower	Upper
41	100		
39	48.5	47.8	71.8
67	64.5	64.9	97.3#
52	29.1	27.5	41.3

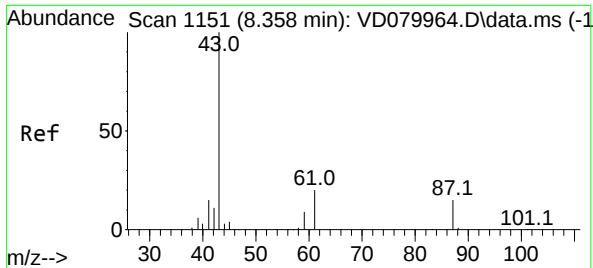


#42
1,2-Dichloroethane
Concen: 21.940 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD079972.D
Acq: 14 Oct 2024 11:43

Tgt Ion: 62 Resp: 39800

Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	19.8

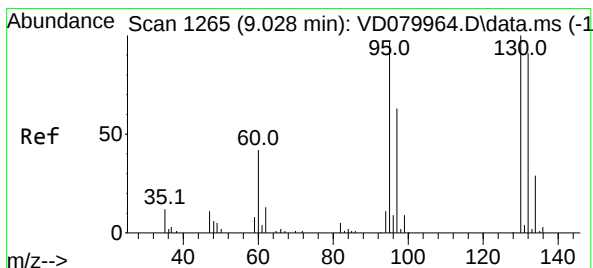
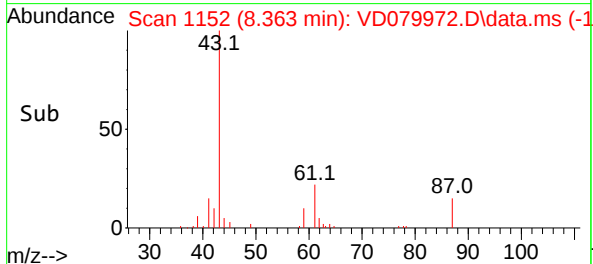
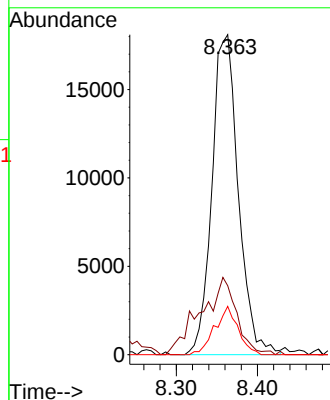
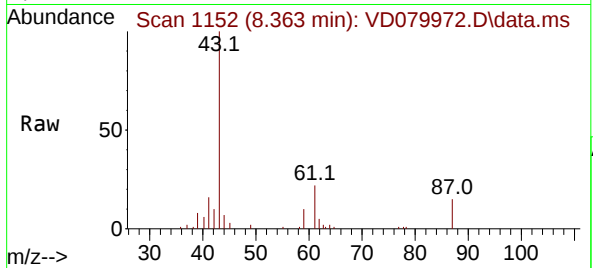




#43
Isopropyl Acetate
Concen: 22.004 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.006 min
Lab File: VD079972.D
Acq: 14 Oct 2024 11:43

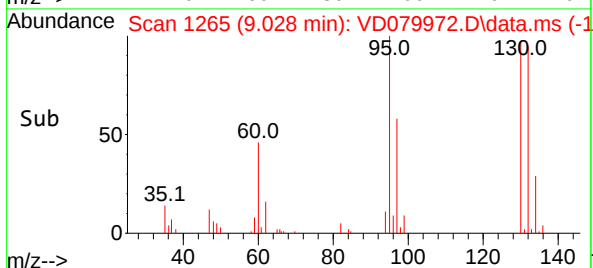
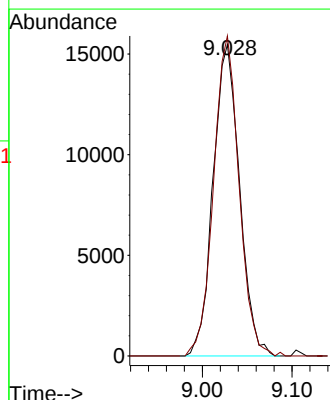
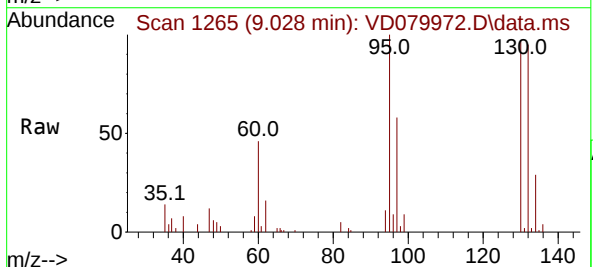
Instrument :
MSVOA_D
ClientSampleId :

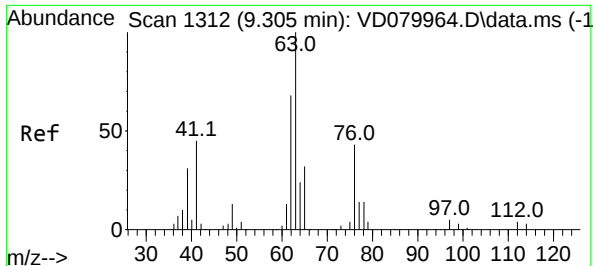
Tgt Ion: 43 Resp: 40938
Ion Ratio Lower Upper
43 100
61 33.1 26.2 39.2
87 13.4 11.8 17.8



#44
Trichloroethene
Concen: 19.376 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD079972.D
Acq: 14 Oct 2024 11:43

Tgt Ion:130 Resp: 31618
Ion Ratio Lower Upper
130 100
95 102.7 0.0 194.6





#45

1,2-Dichloropropane

Concen: 21.184 ug/l

RT: 9.299 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD079972.D

Acq: 14 Oct 2024 11:43

Instrument :

MSVOA_D

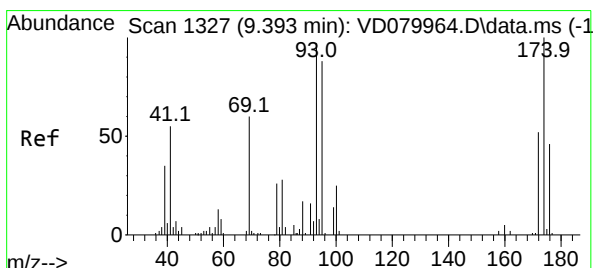
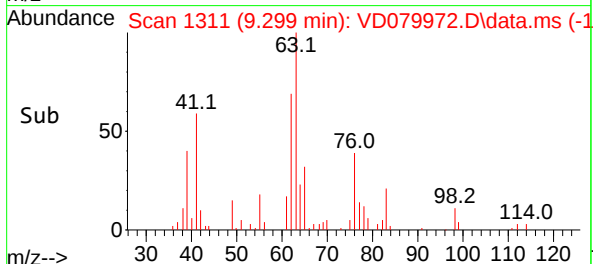
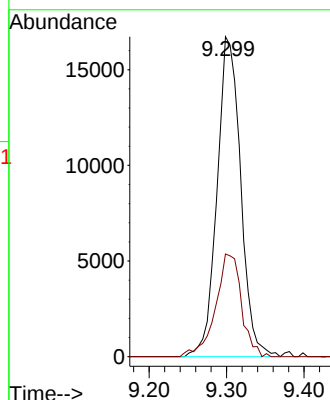
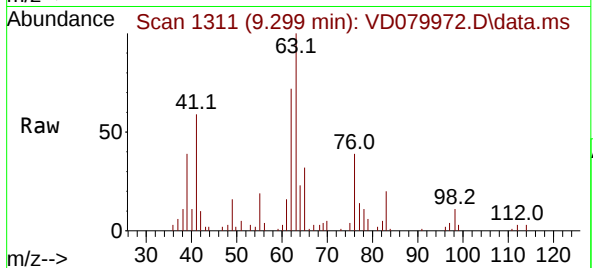
ClientSampleId :

Tgt Ion: 63 Resp: 35435

Ion Ratio Lower Upper

63 100

65 32.1 26.2 39.4



#46

Dibromomethane

Concen: 22.389 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD079972.D

Acq: 14 Oct 2024 11:43

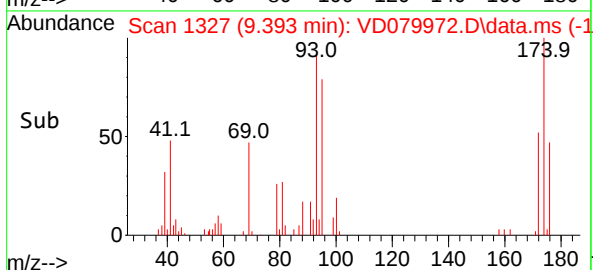
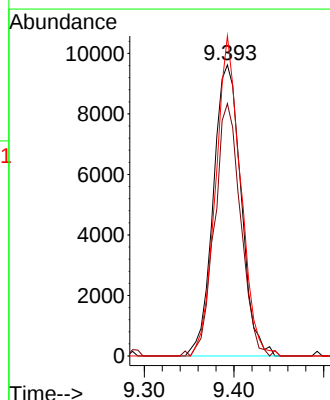
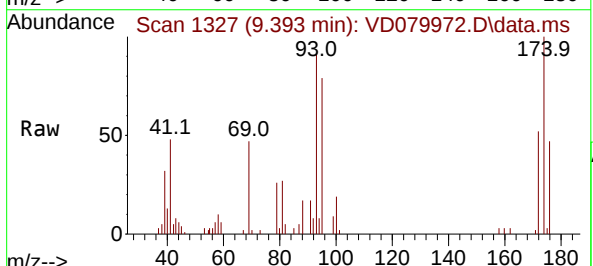
Tgt Ion: 93 Resp: 20663

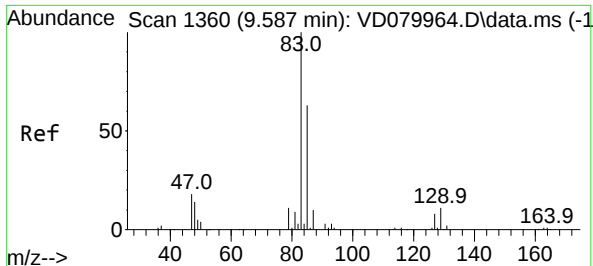
Ion Ratio Lower Upper

93 100

95 81.5 67.9 101.9

174 98.9 80.5 120.7





#47

Bromodichloromethane

Concen: 22.222 ug/l

RT: 9.581 min Scan# 1359

Delta R.T. -0.006 min

Lab File: VD079972.D

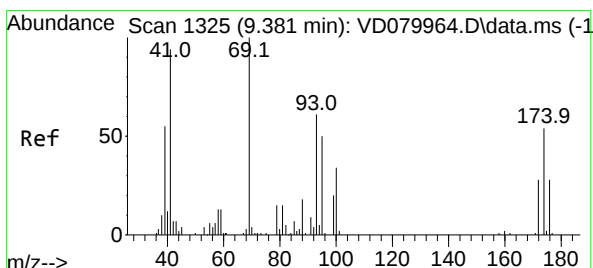
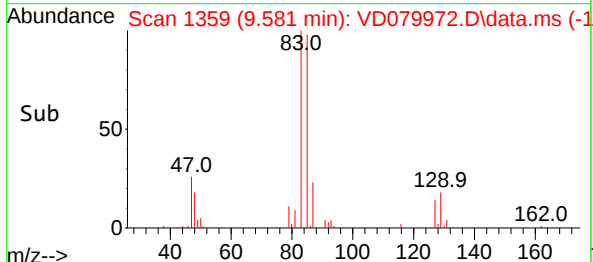
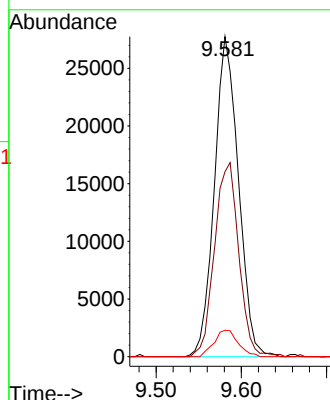
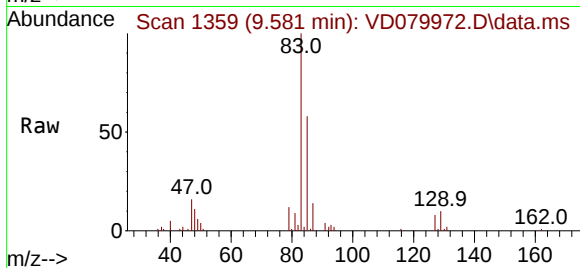
Acq: 14 Oct 2024 11:43

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 83	Resp: 54394
Ion Ratio	Lower Upper
83	100
85	57.8 50.6 75.8
127	8.2 6.1 9.1



#48

Methyl methacrylate

Concen: 22.471 ug/l

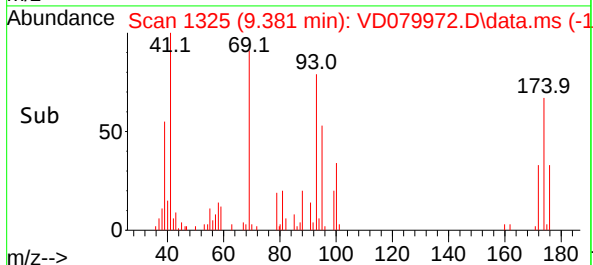
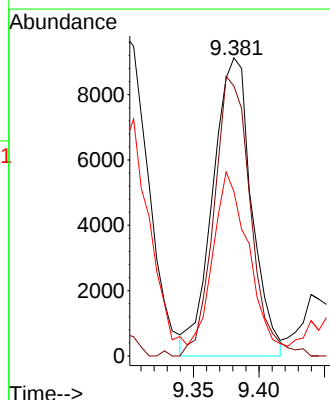
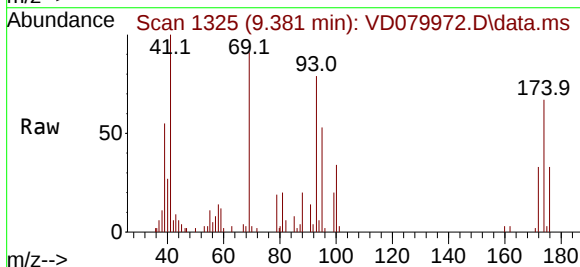
RT: 9.381 min Scan# 1325

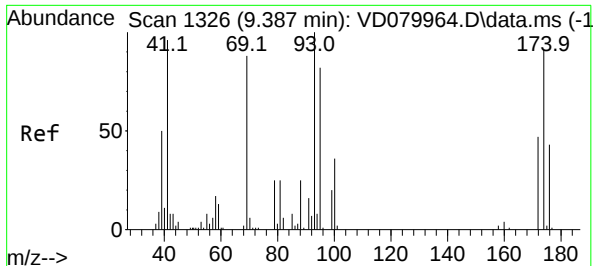
Delta R.T. -0.000 min

Lab File: VD079972.D

Acq: 14 Oct 2024 11:43

Tgt Ion: 41	Resp: 18831
Ion Ratio	Lower Upper
41	100
69	87.7 74.0 111.0
39	58.0 41.9 62.9





#49

1,4-Dioxane

Concen: 443.929 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. -0.000 min

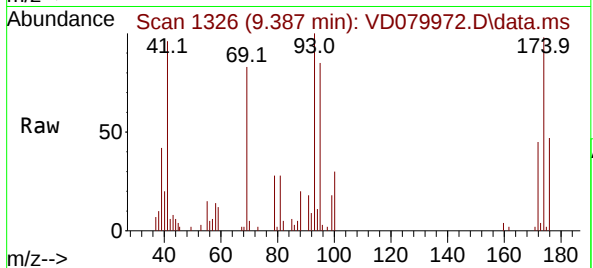
Lab File: VD079972.D

Acq: 14 Oct 2024 11:43

Instrument :

MSVOA_D

ClientSampleId :



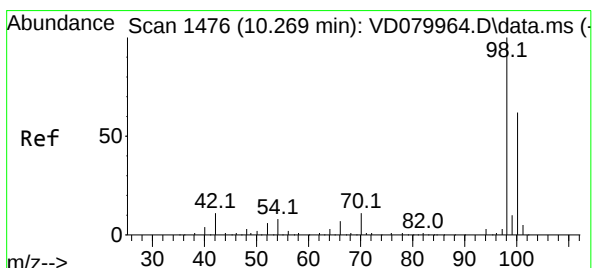
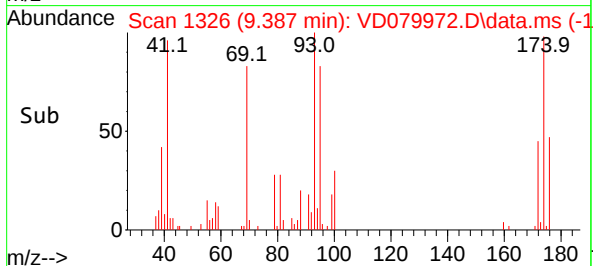
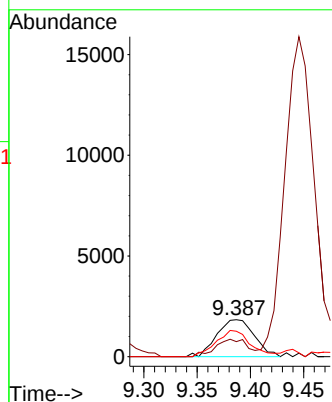
Tgt Ion: 88 Resp: 4502

Ion Ratio Lower Upper

88 100

43 40.3 29.1 43.7

58 64.1 59.9 89.9



#50

Toluene-d8

Concen: 48.647 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD079972.D

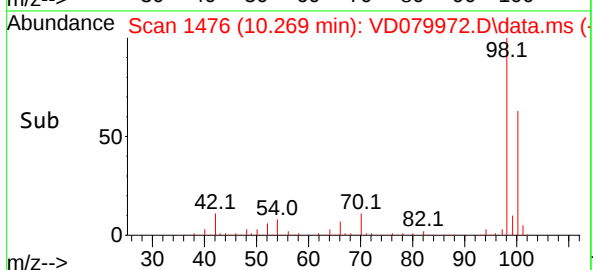
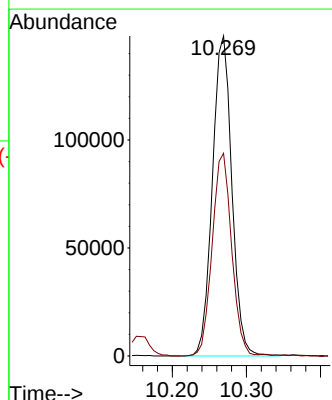
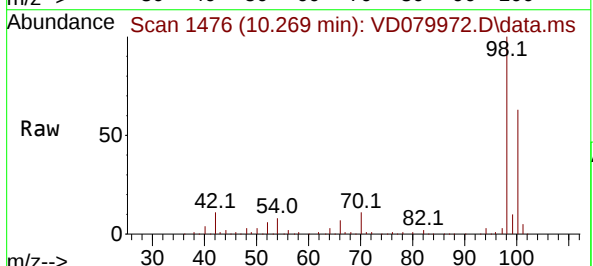
Acq: 14 Oct 2024 11:43

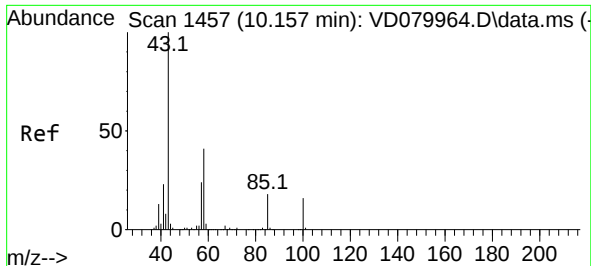
Tgt Ion: 98 Resp: 269800

Ion Ratio Lower Upper

98 100

100 63.4 50.2 75.4

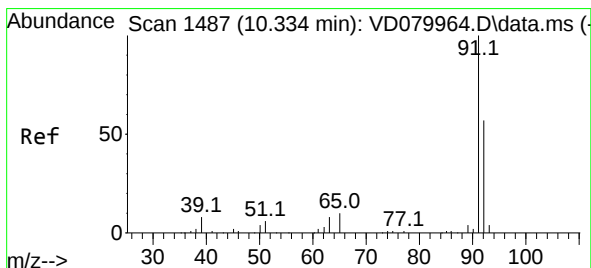
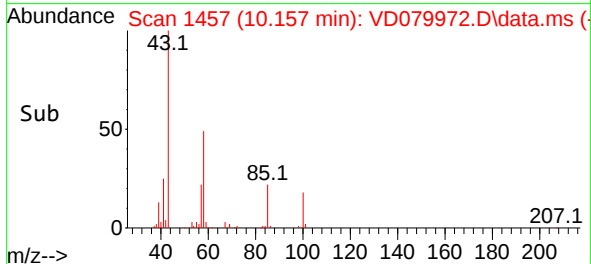
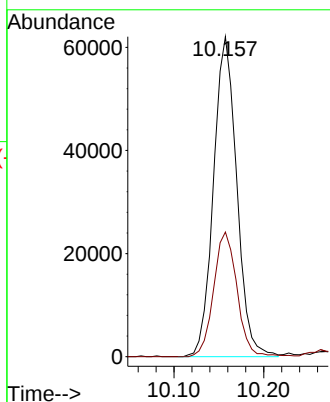
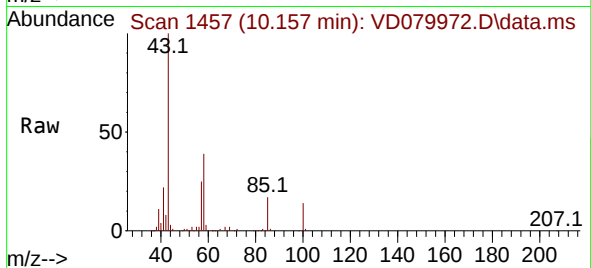




#51
4-Methyl-2-Pentanone
Concen: 117.267 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD079972.D
Acq: 14 Oct 2024 11:43

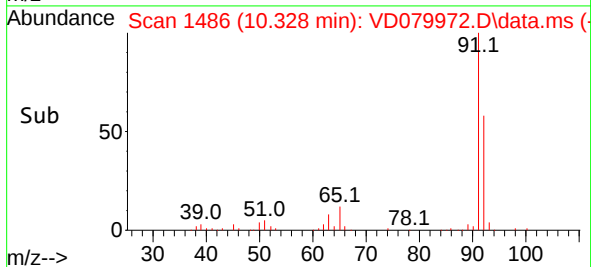
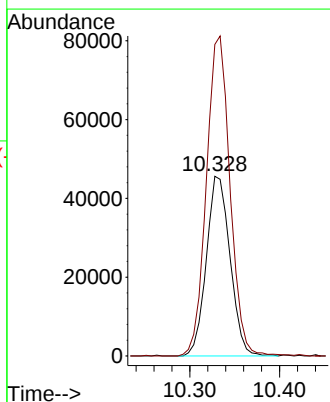
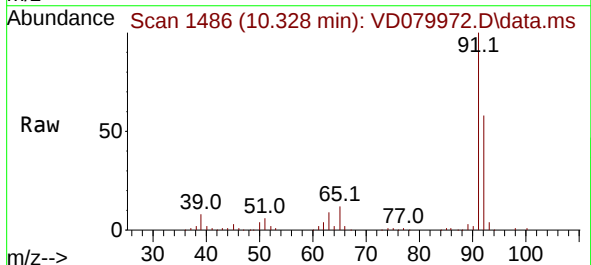
Instrument :
MSVOA_D
ClientSampleId :

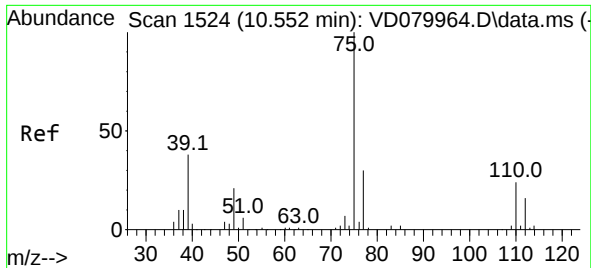
Tgt Ion: 43 Resp: 111617
Ion Ratio Lower Upper
43 100
58 39.3 32.8 49.2



#52
Toluene
Concen: 20.704 ug/l
RT: 10.328 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VD079972.D
Acq: 14 Oct 2024 11:43

Tgt Ion: 92 Resp: 83617
Ion Ratio Lower Upper
92 100
91 178.2 139.3 208.9

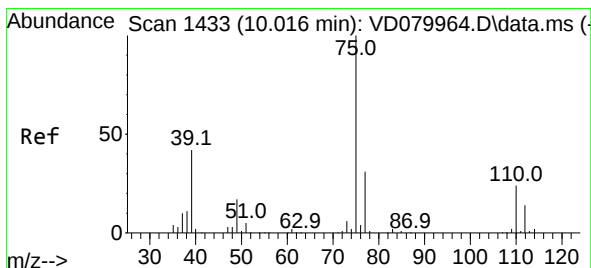
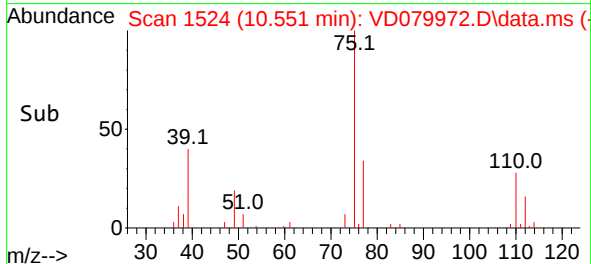
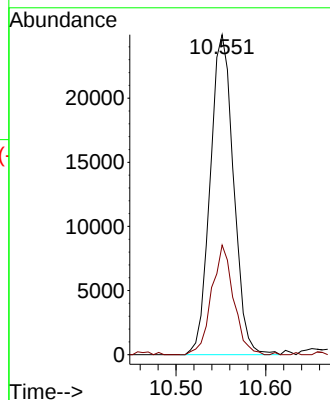
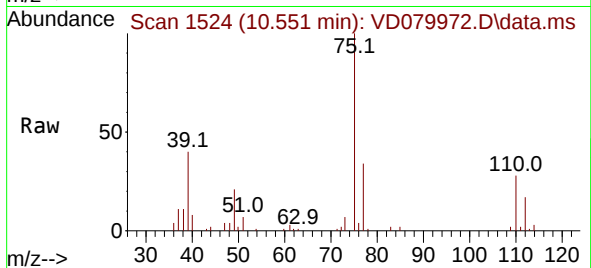




#53
t-1,3-Dichloropropene
Concen: 21.080 ug/l
RT: 10.551 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079972.D
Acq: 14 Oct 2024 11:43

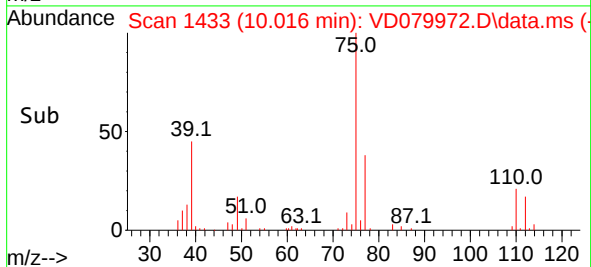
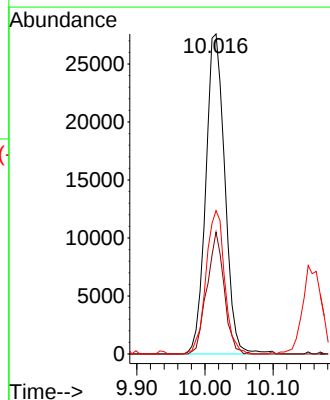
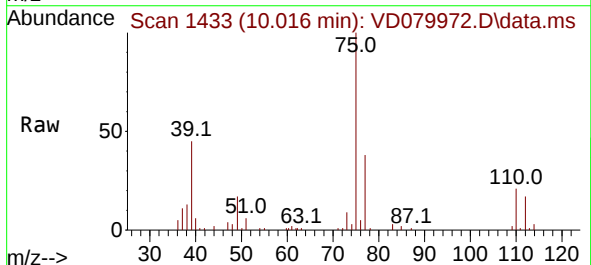
Instrument :
MSVOA_D
ClientSampleId :

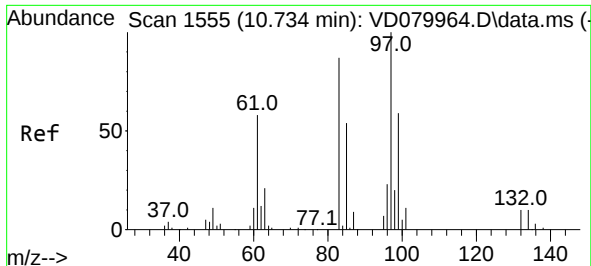
Tgt Ion: 75 Resp: 45183
Ion Ratio Lower Upper
75 100
77 34.3 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 21.237 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD079972.D
Acq: 14 Oct 2024 11:43

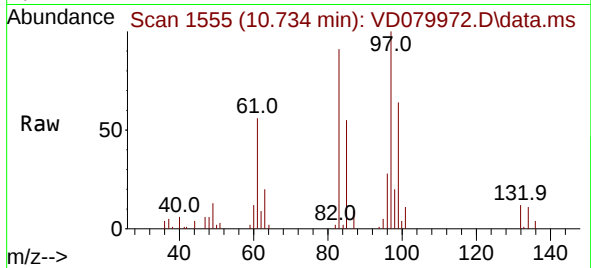
Tgt Ion: 75 Resp: 53711
Ion Ratio Lower Upper
75 100
77 38.1 25.0 37.4#
39 44.8 33.2 49.8



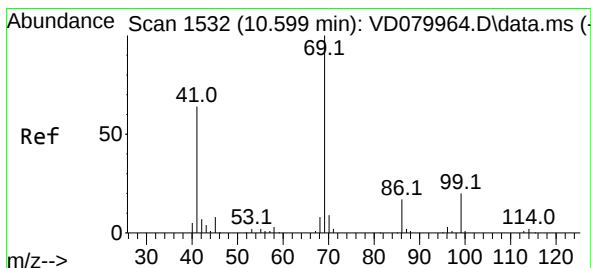
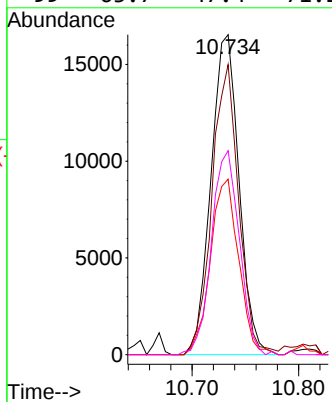
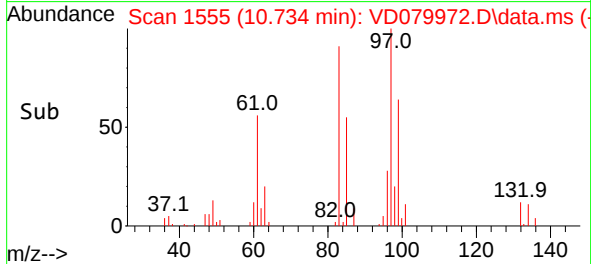


#55
1,1,2-Trichloroethane
Concen: 23.339 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD079972.D
Acq: 14 Oct 2024 11:43

Instrument :
MSVOA_D
ClientSampleId :

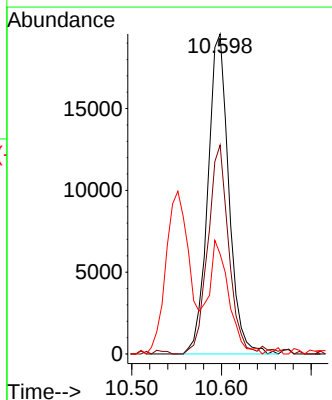
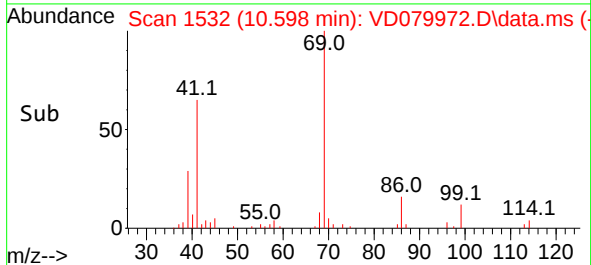
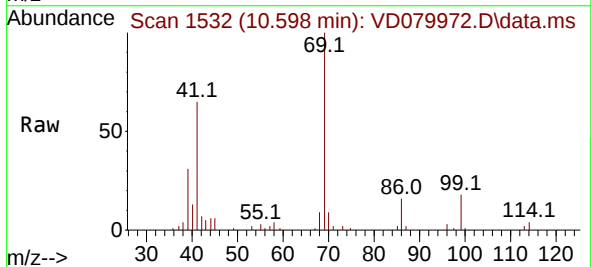


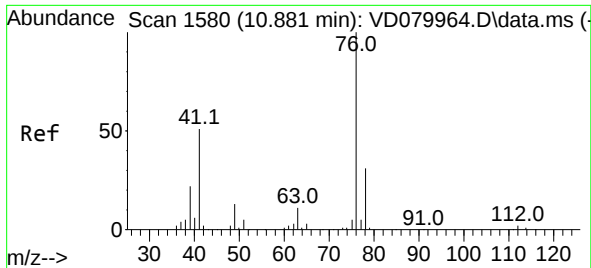
Tgt Ion: 97	Resp: 30257
Ion Ratio	Lower Upper
97 100	
83 90.7	69.2 103.8
85 54.8	43.0 64.6
99 63.7	47.4 71.2



#56
Ethyl methacrylate
Concen: 20.975 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD079972.D
Acq: 14 Oct 2024 11:43

Tgt Ion: 69	Resp: 31767
Ion Ratio	Lower Upper
69 100	
41 64.5	50.4 75.6
39 34.4	26.0 39.0





#57

1,3-Dichloropropane

Concen: 22.325 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD079972.D

Acq: 14 Oct 2024 11:43

Instrument :

MSVOA_D

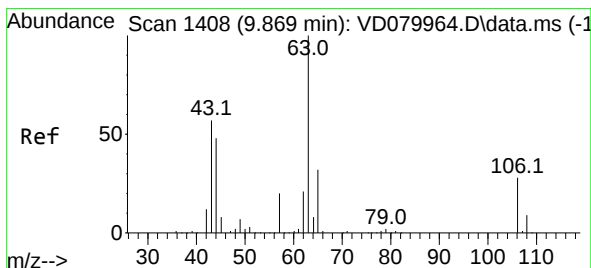
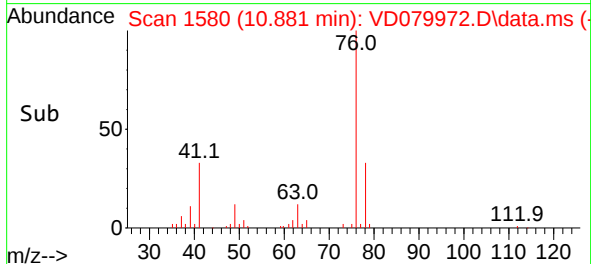
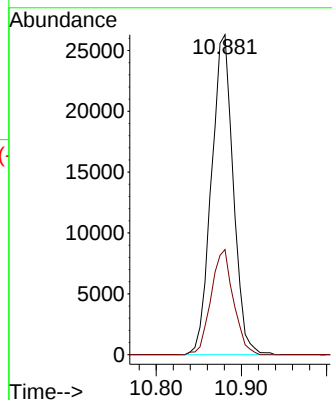
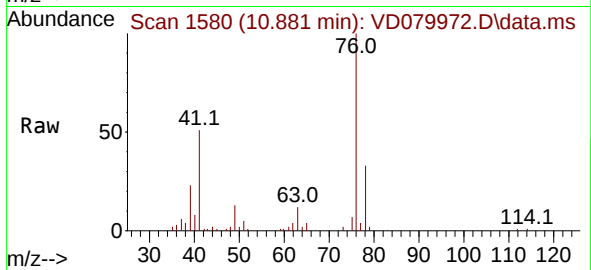
ClientSampleId :

Tgt Ion: 76 Resp: 46708

Ion Ratio Lower Upper

76 100

78 33.7 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 116.720 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD079972.D

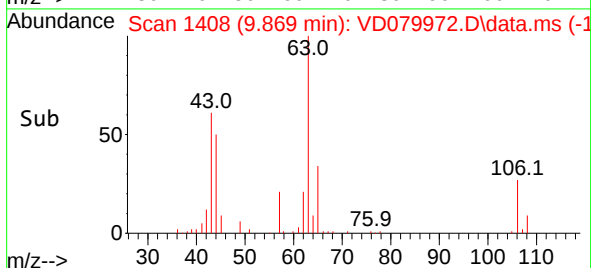
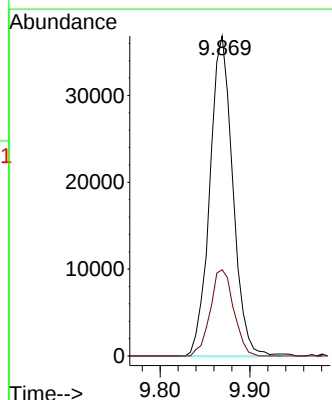
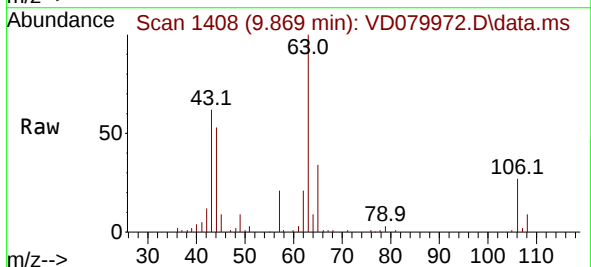
Acq: 14 Oct 2024 11:43

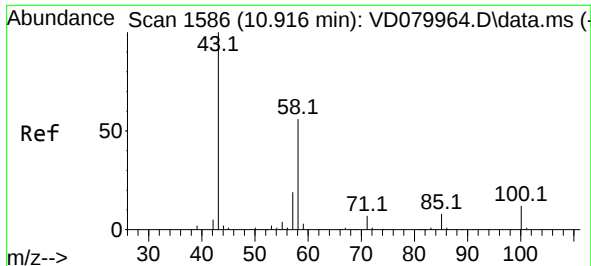
Tgt Ion: 63 Resp: 65413

Ion Ratio Lower Upper

63 100

106 27.5 21.8 32.6

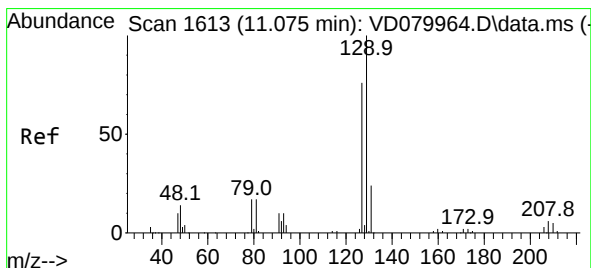
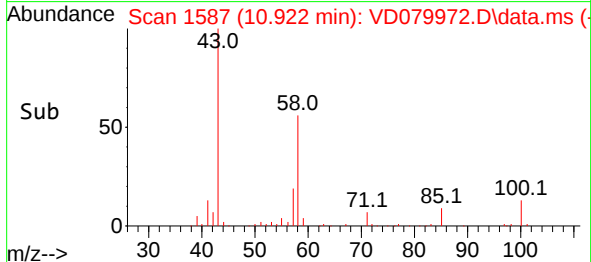
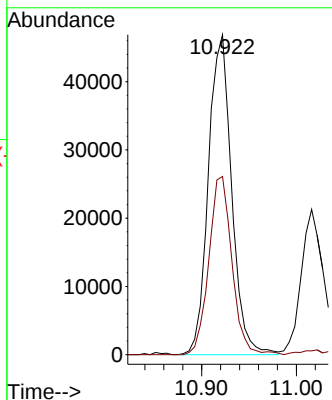
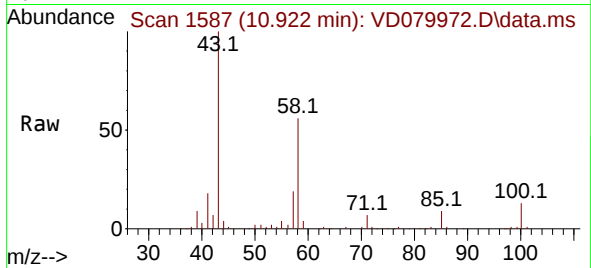




#59
2-Hexanone
Concen: 113.760 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VD079972.D
Acq: 14 Oct 2024 11:43

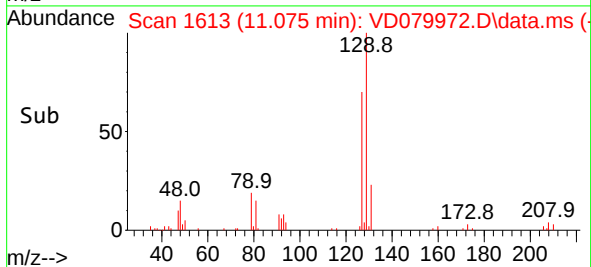
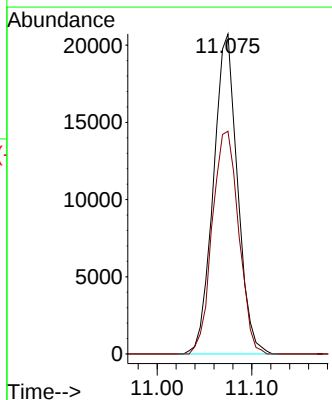
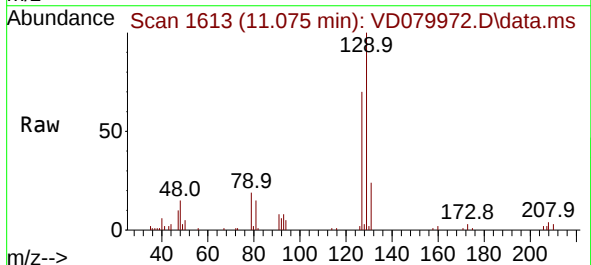
Instrument :
MSVOA_D
ClientSampleId :

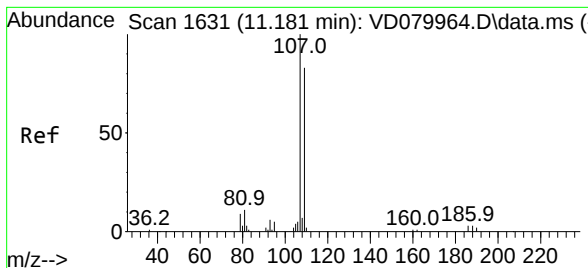
Tgt Ion: 43 Resp: 80196
Ion Ratio Lower Upper
43 100
58 55.3 27.8 83.4



#60
Dibromochloromethane
Concen: 21.786 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD079972.D
Acq: 14 Oct 2024 11:43

Tgt Ion:129 Resp: 36696
Ion Ratio Lower Upper
129 100
127 76.2 38.4 115.2

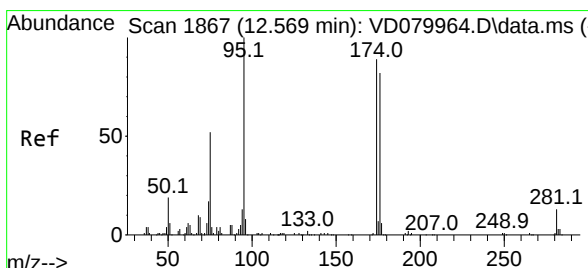
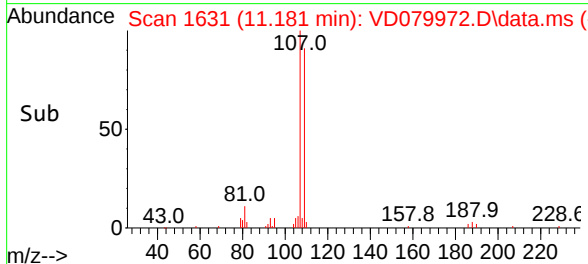
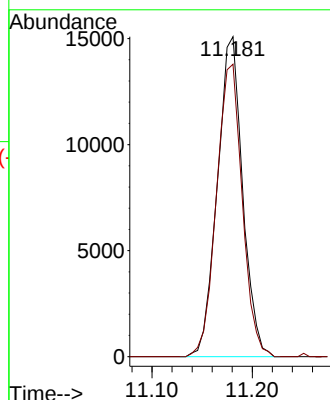
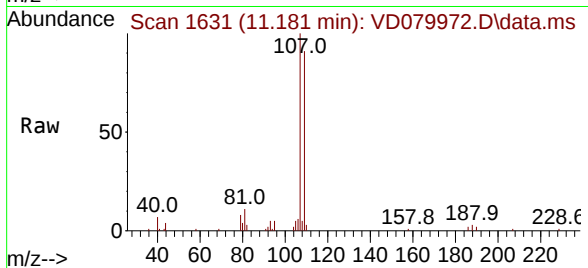




#61
1,2-Dibromoethane
Concen: 22.112 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD079972.D
Acq: 14 Oct 2024 11:43

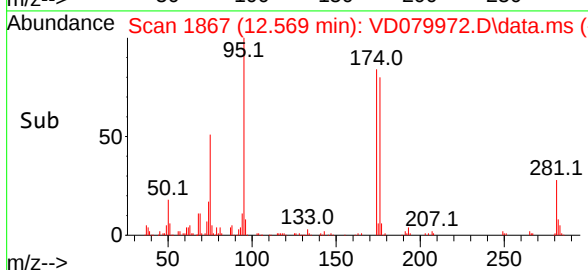
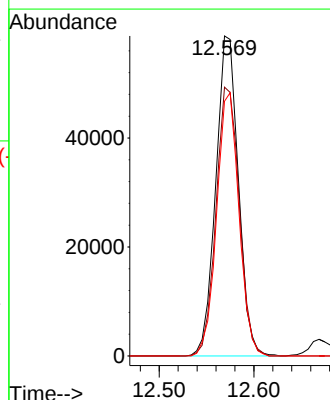
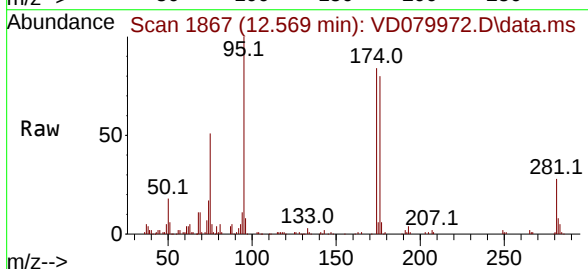
Instrument :
MSVOA_D
ClientSampleId :

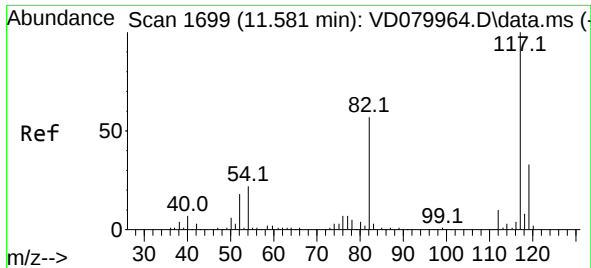
Tgt Ion:107 Resp: 26383
Ion Ratio Lower Upper
107 100
109 93.3 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 50.304 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079972.D
Acq: 14 Oct 2024 11:43

Tgt Ion: 95 Resp: 97390
Ion Ratio Lower Upper
95 100
174 86.6 0.0 173.4
176 81.2 0.0 166.6

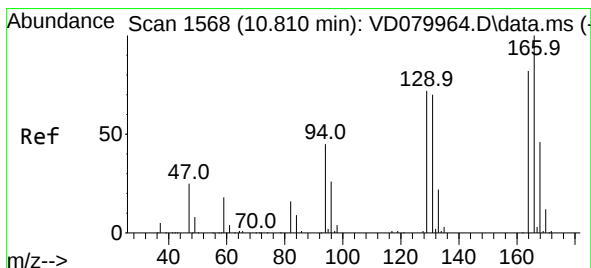
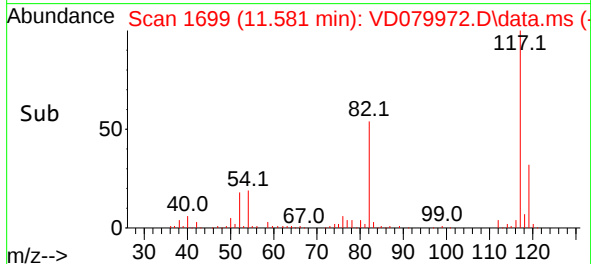
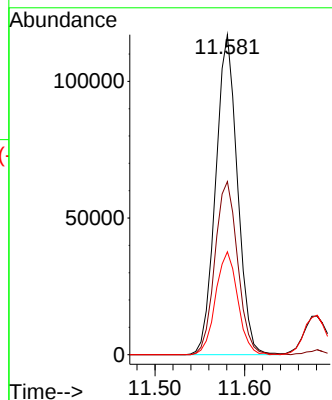
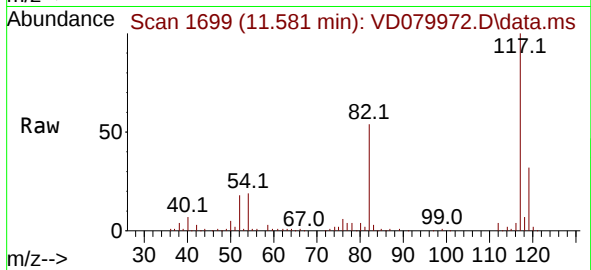




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079972.D
Acq: 14 Oct 2024 11:43

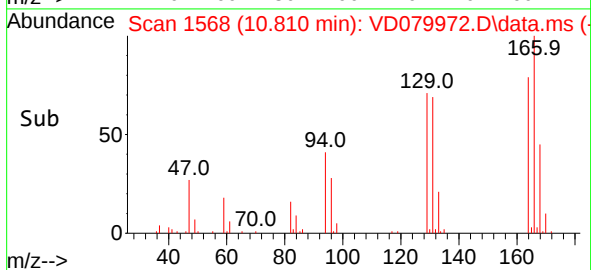
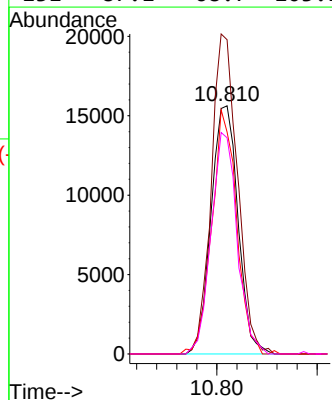
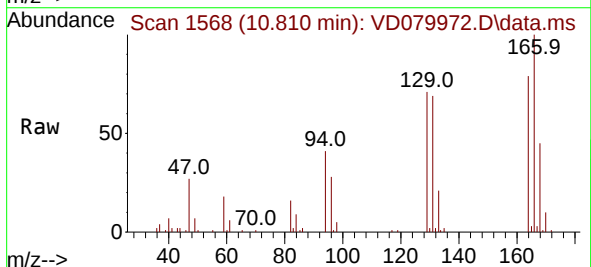
Instrument :
MSVOA_D
ClientSampleId :

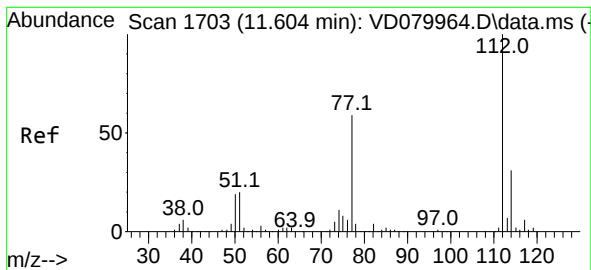
Tgt Ion:117 Resp: 197559
Ion Ratio Lower Upper
117 100
82 54.1 45.8 68.6
119 32.2 26.2 39.2



#64
Tetrachloroethene
Concen: 20.880 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD079972.D
Acq: 14 Oct 2024 11:43

Tgt Ion:164 Resp: 29095
Ion Ratio Lower Upper
164 100
166 126.6 97.5 146.3
129 89.4 70.6 106.0
131 87.1 68.7 103.1

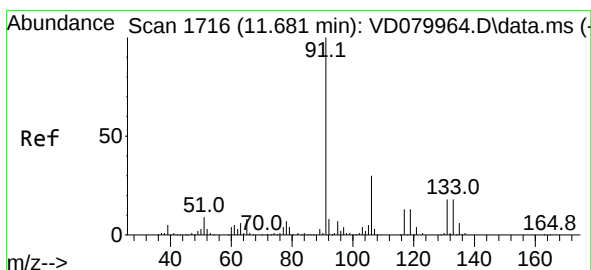
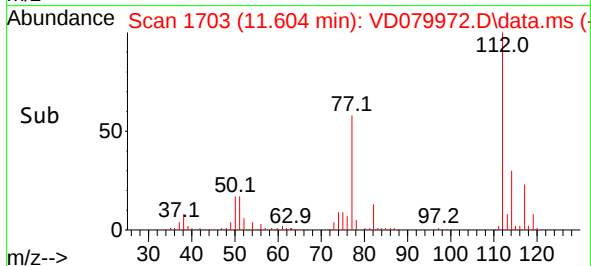
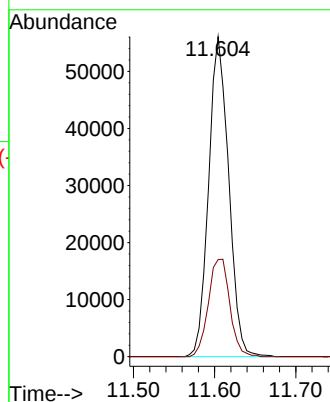
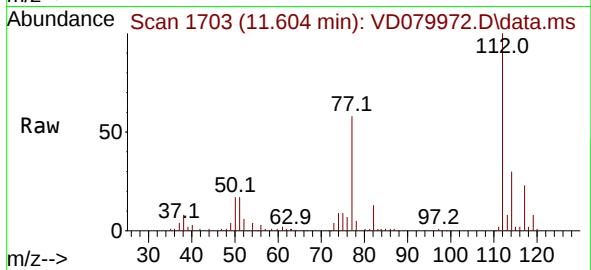




#65
Chlorobenzene
Concen: 20.920 ug/l
RT: 11.604 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079972.D
Acq: 14 Oct 2024 11:43

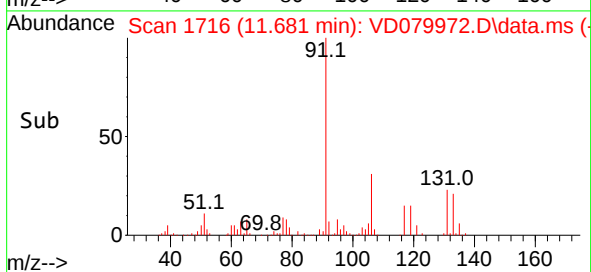
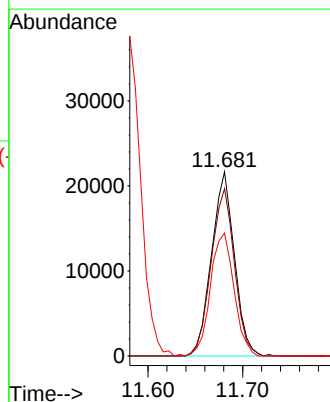
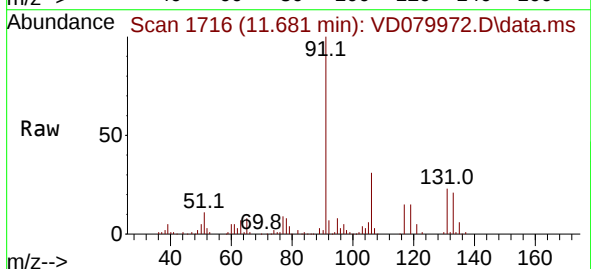
Instrument :
MSVOA_D
ClientSampleId :

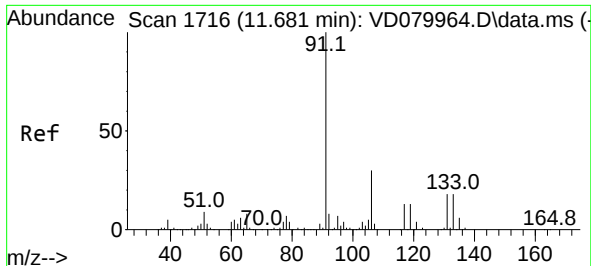
Tgt Ion:112 Resp: 96185
Ion Ratio Lower Upper
112 100
114 30.4 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 22.017 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD079972.D
Acq: 14 Oct 2024 11:43

Tgt Ion:131 Resp: 36367
Ion Ratio Lower Upper
131 100
133 93.1 48.8 146.4
119 68.8 34.8 104.3

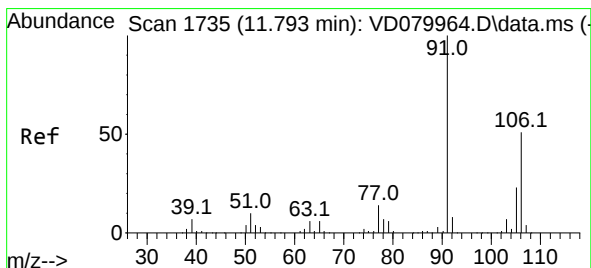
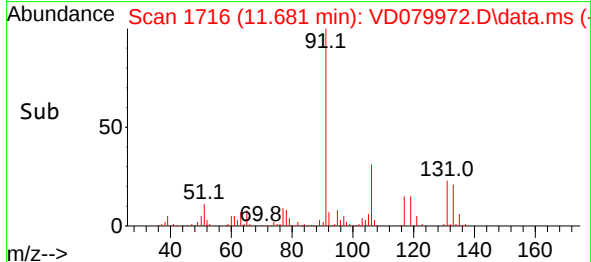
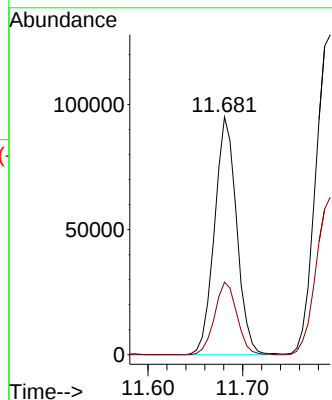
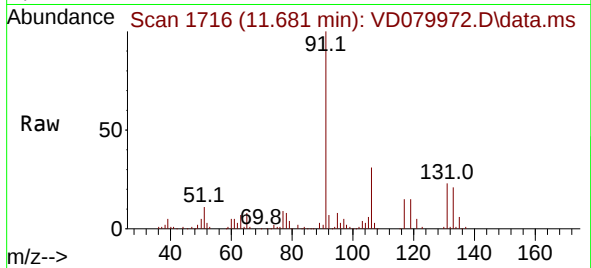




#67
Ethyl Benzene
Concen: 19.874 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD079972.D
Acq: 14 Oct 2024 11:43

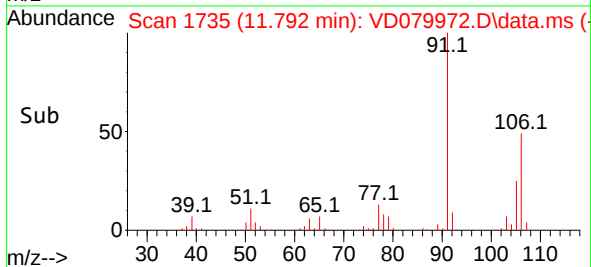
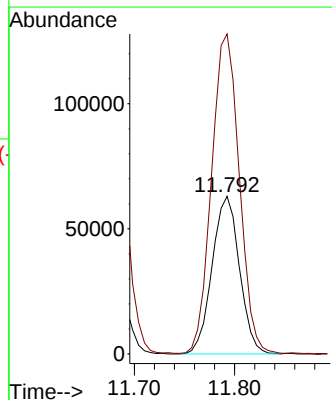
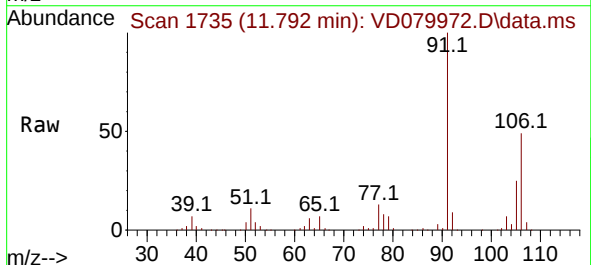
Instrument :
MSVOA_D
ClientSampleId :

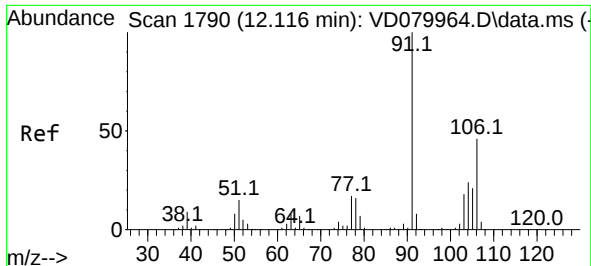
Tgt Ion: 91 Resp: 154550
Ion Ratio Lower Upper
91 100
106 30.5 23.6 35.4



#68
m/p-Xylenes
Concen: 39.977 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD079972.D
Acq: 14 Oct 2024 11:43

Tgt Ion: 106 Resp: 119310
Ion Ratio Lower Upper
106 100
91 205.2 162.6 244.0

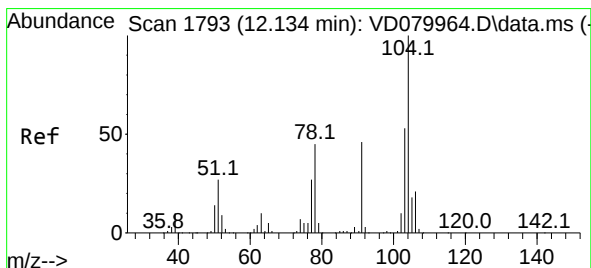
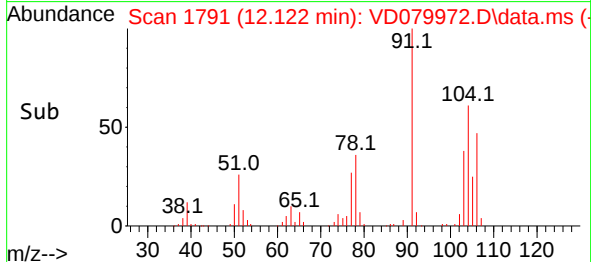
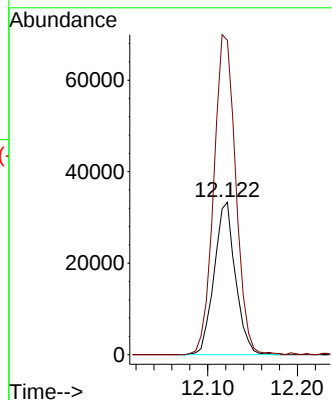
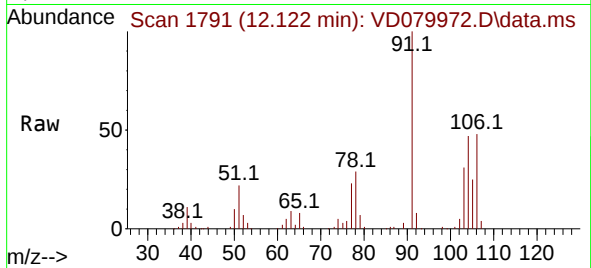




#69
o-Xylene
Concen: 19.848 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.006 min
Lab File: VD079972.D
Acq: 14 Oct 2024 11:43

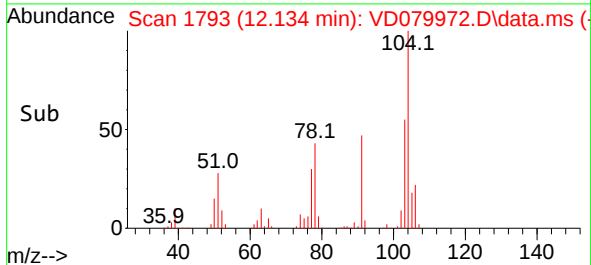
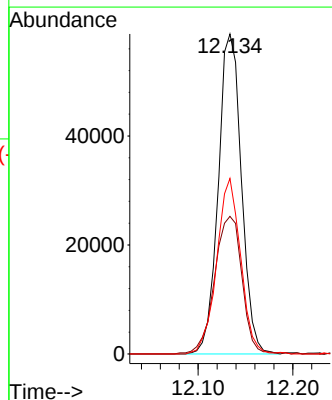
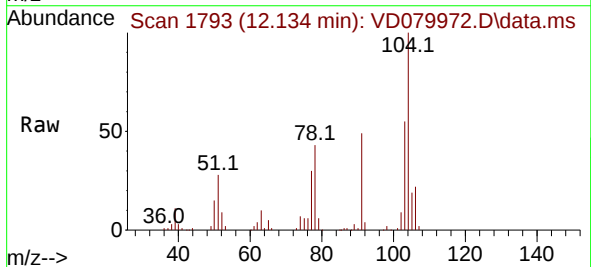
Instrument :
MSVOA_D
ClientSampleId :

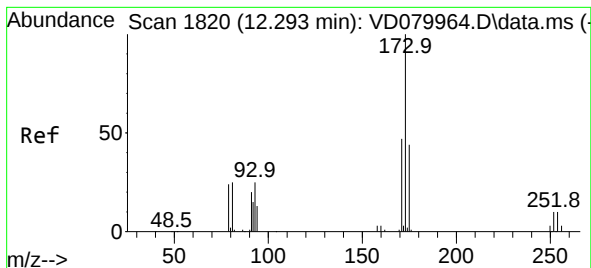
Tgt Ion:106 Resp: 54806
Ion Ratio Lower Upper
106 100
91 217.2 110.5 331.5



#70
Styrene
Concen: 20.323 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD079972.D
Acq: 14 Oct 2024 11:43

Tgt Ion:104 Resp: 99861
Ion Ratio Lower Upper
104 100
78 50.7 39.8 59.8
103 56.5 45.2 67.8





#71

Bromoform

Concen: 21.904 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.006 min

Lab File: VD079972.D

Acq: 14 Oct 2024 11:43

Instrument :

MSVOA_D

ClientSampleId :

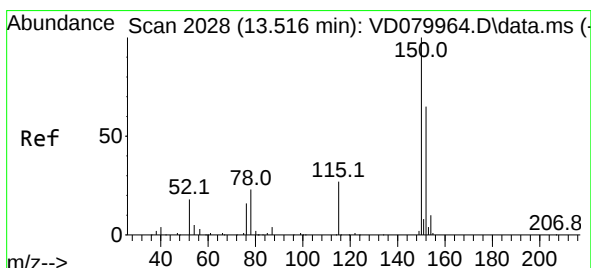
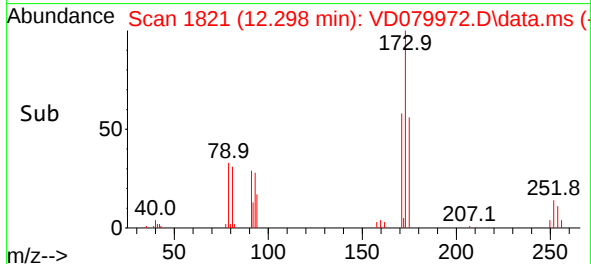
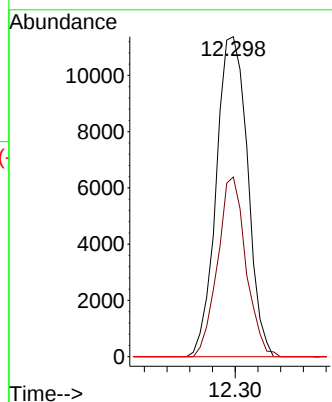
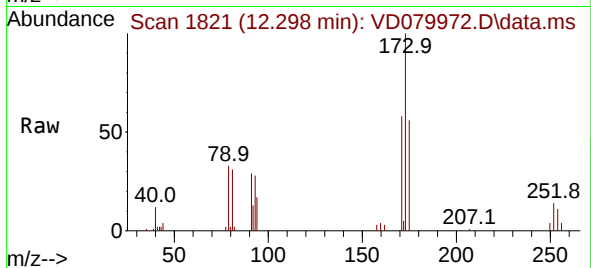
Tgt Ion:173 Resp: 21758

Ion Ratio Lower Upper

173 100

175 50.8 24.8 74.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.000 min

Lab File: VD079972.D

Acq: 14 Oct 2024 11:43

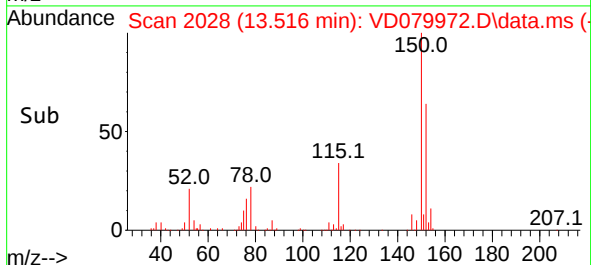
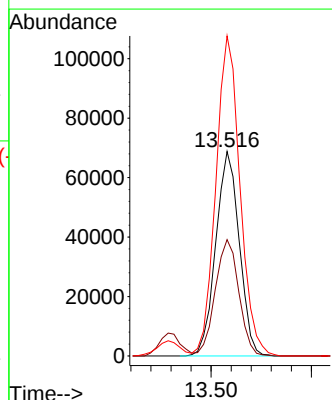
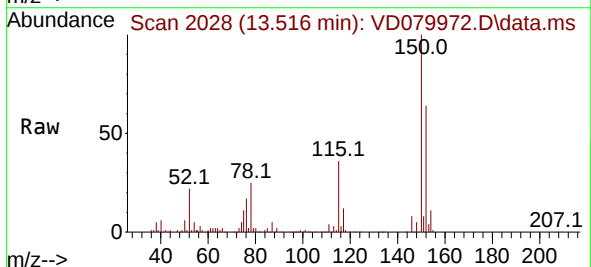
Tgt Ion:152 Resp: 111709

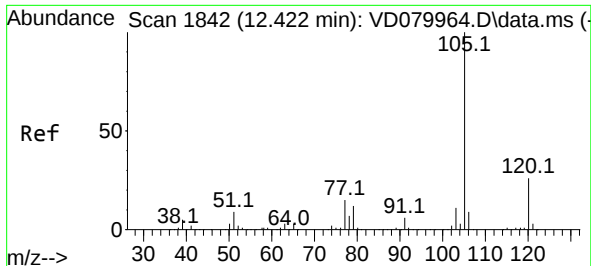
Ion Ratio Lower Upper

152 100

115 57.2 28.9 86.8

150 160.7 0.0 354.8

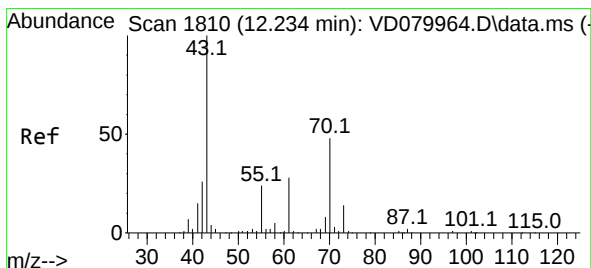
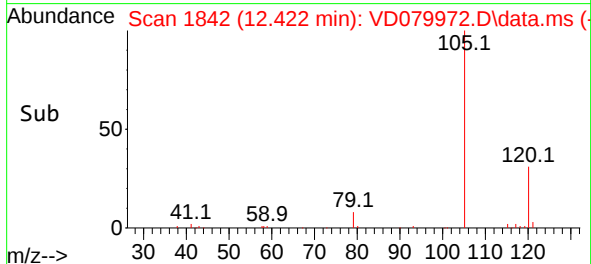
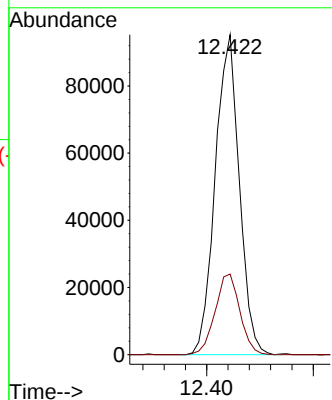
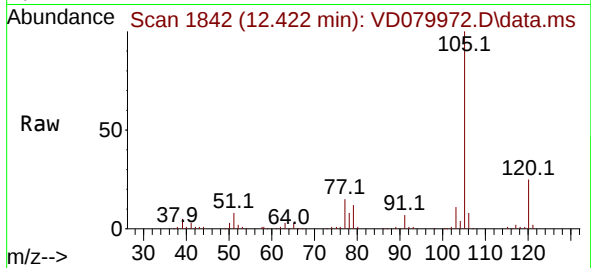




#73
Isopropylbenzene
Concen: 19.653 ug/l
RT: 12.422 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079972.D
Acq: 14 Oct 2024 11:43

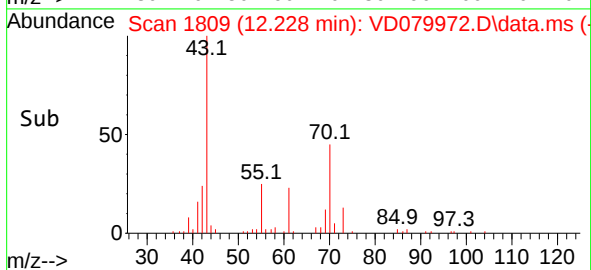
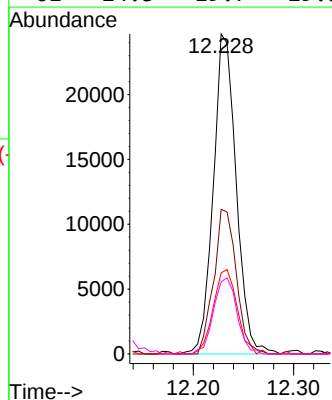
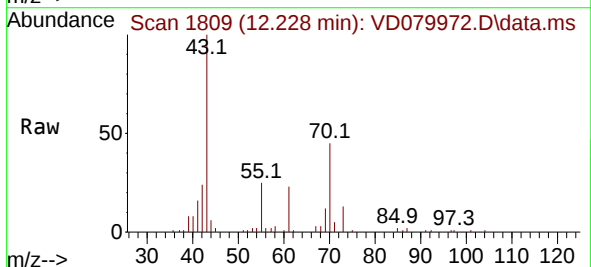
Instrument :
MSVOA_D
ClientSampleId :

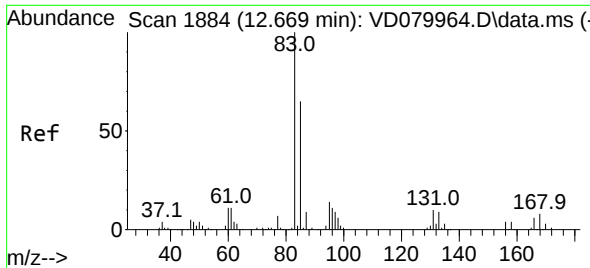
Tgt Ion:105 Resp: 149347
Ion Ratio Lower Upper
105 100
120 25.9 13.3 39.9



#74
N-ethyl acetate
Concen: 21.310 ug/l
RT: 12.228 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VD079972.D
Acq: 14 Oct 2024 11:43

Tgt Ion: 43 Resp: 39166
Ion Ratio Lower Upper
43 100
70 44.5 36.3 54.5
55 27.5 20.3 30.5
61 24.3 19.7 29.5

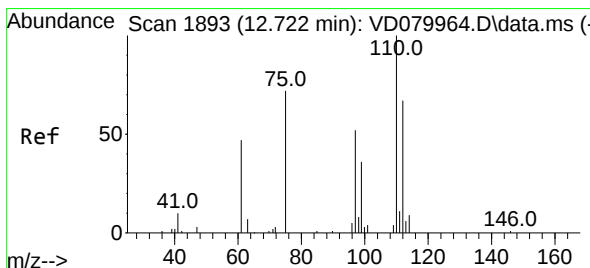
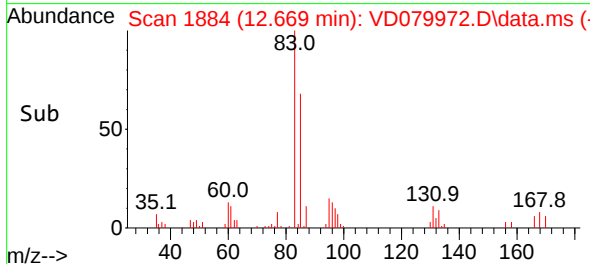
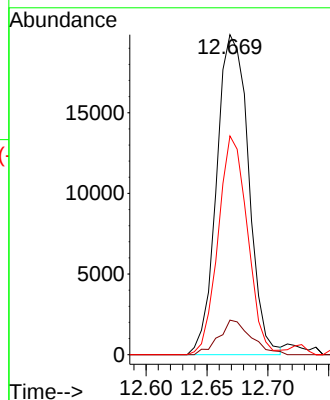
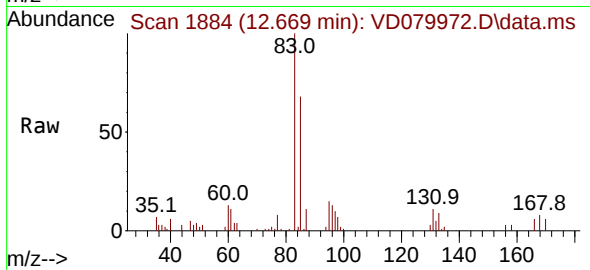




#75
1,1,2,2-Tetrachloroethane
Concen: 23.485 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD079972.D
Acq: 14 Oct 2024 11:43

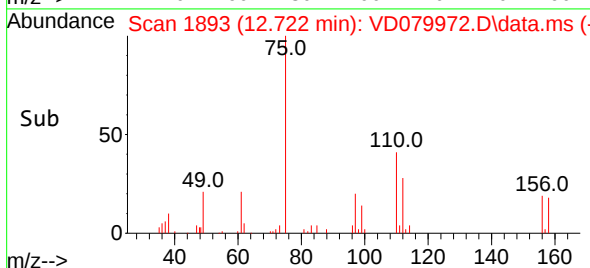
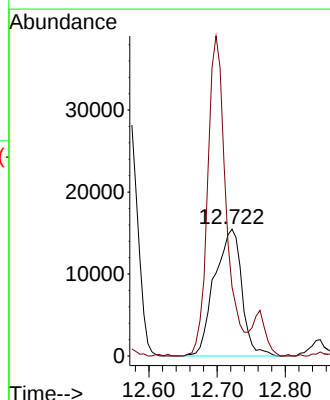
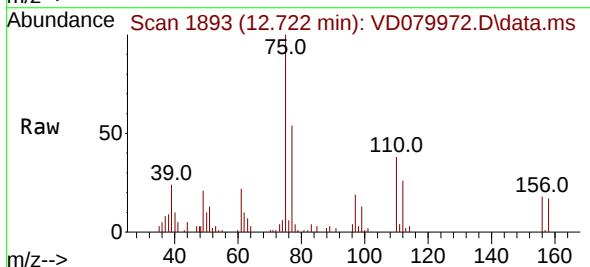
Instrument :
MSVOA_D
ClientSampleId :

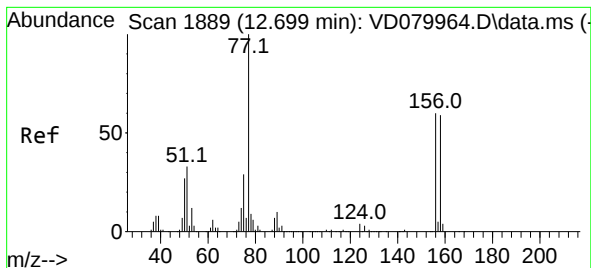
Tgt Ion: 83 Resp: 36185
Ion Ratio Lower Upper
83 100
131 10.9 5.1 15.3
85 62.9 32.9 98.6



#76
1,2,3-Trichloropropane
Concen: 34.903 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD079972.D
Acq: 14 Oct 2024 11:43

Tgt Ion: 75 Resp: 43015
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.475 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.000 min

Lab File: VD079972.D

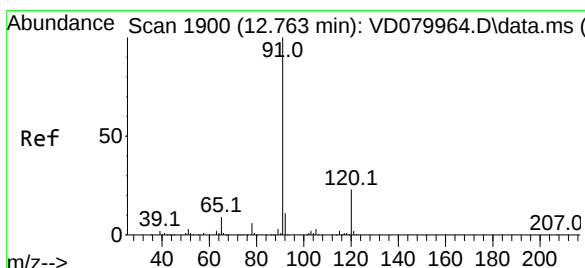
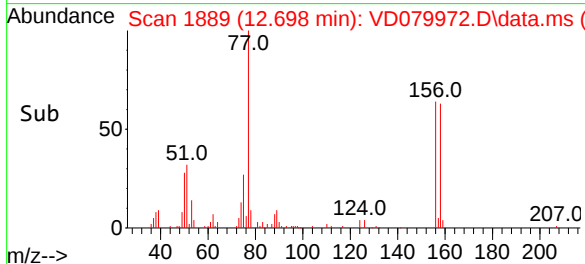
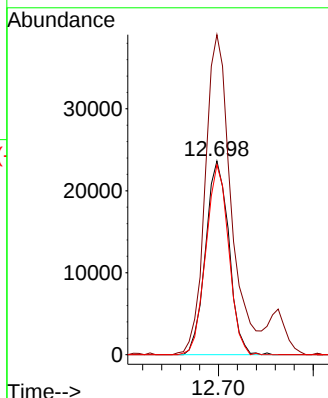
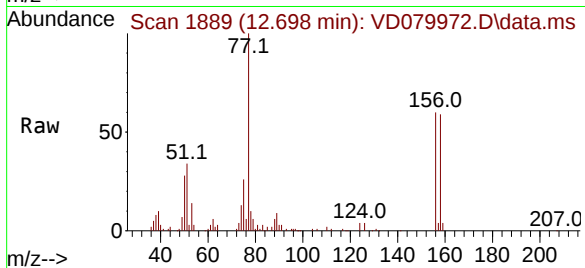
Acq: 14 Oct 2024 11:43

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	156	Resp:	40254
Ion Ratio	Lower	Upper	
156	100		
77	183.6	89.8	269.6
158	96.0	47.9	143.8



#78

n-propylbenzene

Concen: 19.807 ug/l

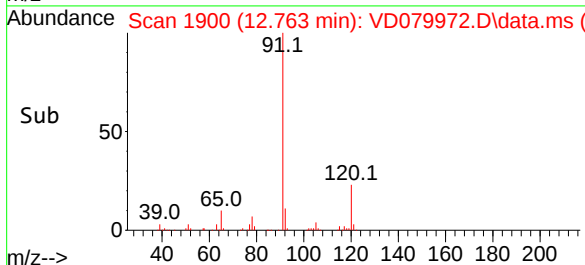
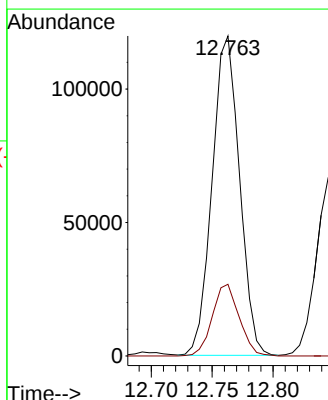
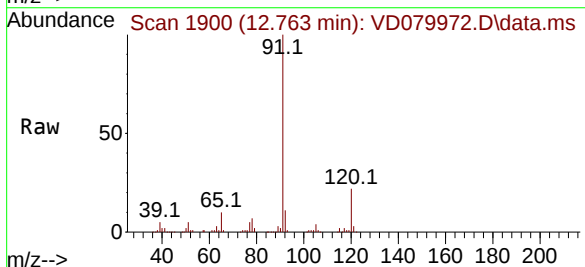
RT: 12.763 min Scan# 1900

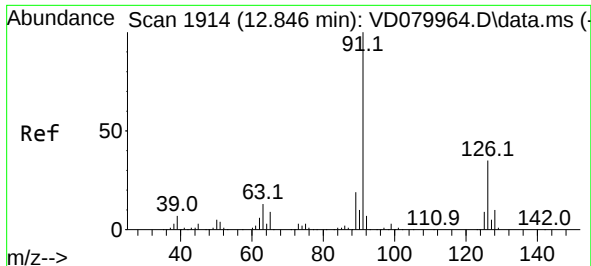
Delta R.T. -0.000 min

Lab File: VD079972.D

Acq: 14 Oct 2024 11:43

Tgt Ion:	91	Resp:	187134
Ion Ratio	Lower	Upper	
91	100		
120	22.0	11.2	33.5





#79

2-Chlorotoluene

Concen: 20.470 ug/l

RT: 12.845 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VD079972.D

Acq: 14 Oct 2024 11:43

Instrument :

MSVOA_D

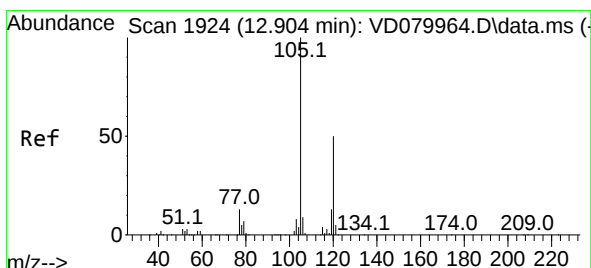
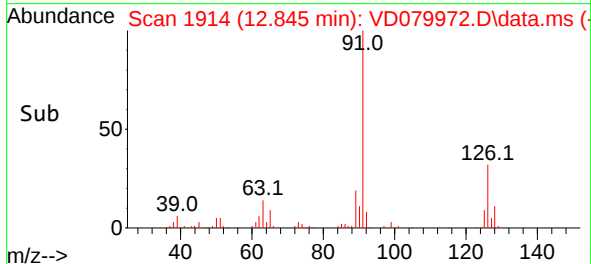
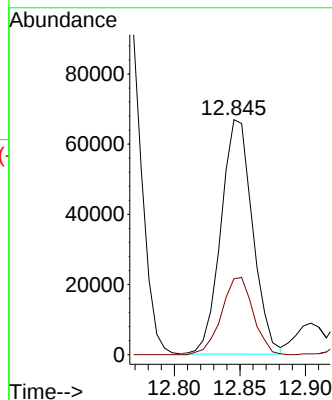
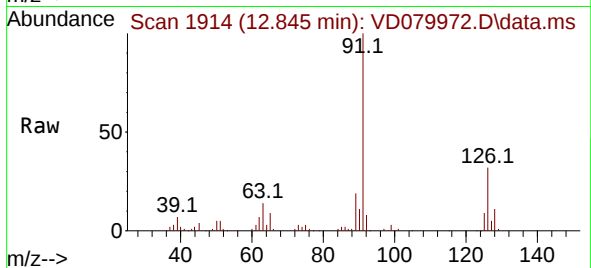
ClientSampleId :

Tgt Ion: 91 Resp: 112357

Ion Ratio Lower Upper

91 100

126 32.9 17.2 51.5



#80

1,3,5-Trimethylbenzene

Concen: 19.772 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VD079972.D

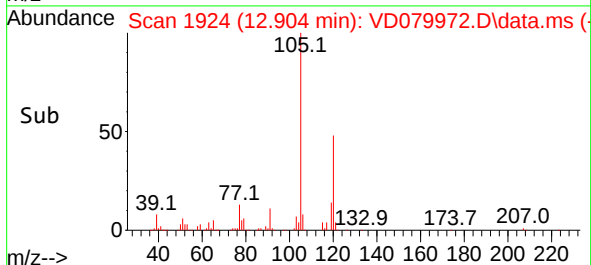
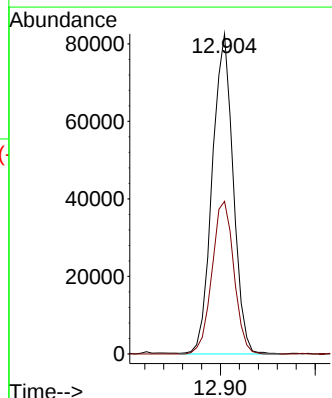
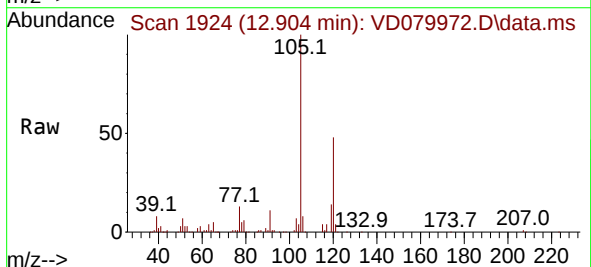
Acq: 14 Oct 2024 11:43

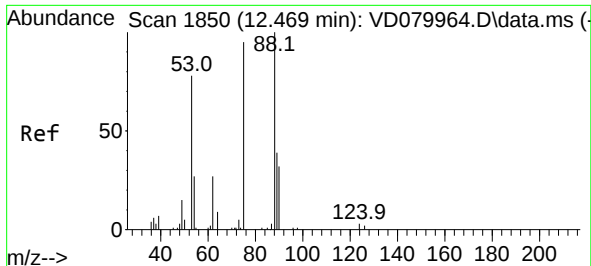
Tgt Ion: 105 Resp: 126637

Ion Ratio Lower Upper

105 100

120 49.9 25.0 75.0

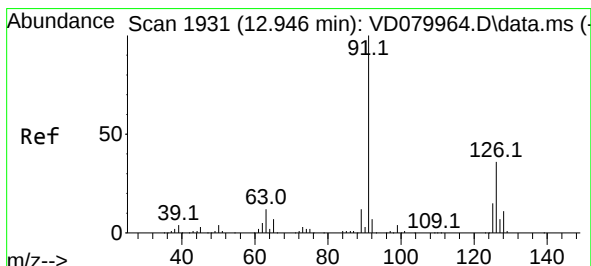
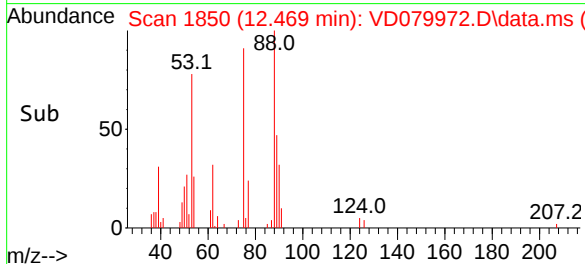
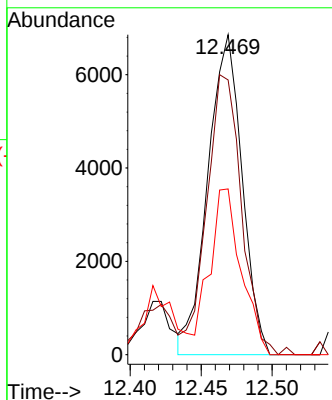
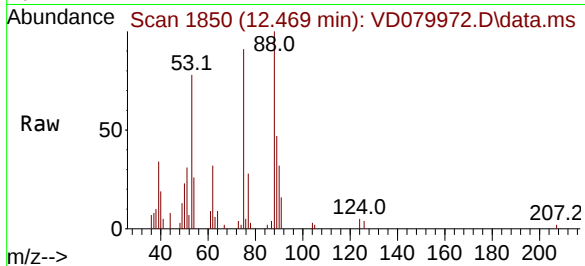




#81
trans-1,4-Dichloro-2-butene
Concen: 20.761 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD079972.D
Acq: 14 Oct 2024 11:43

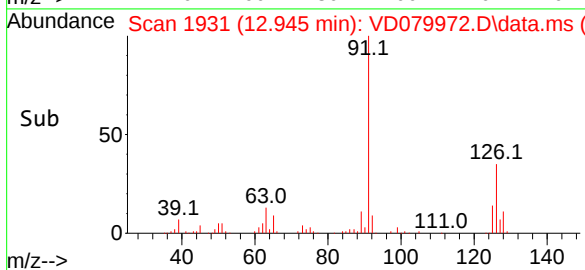
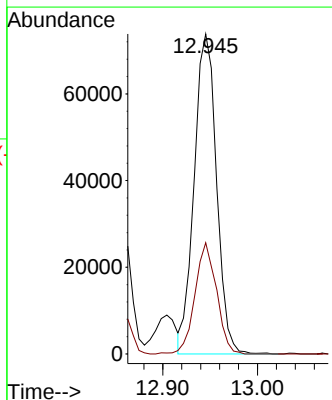
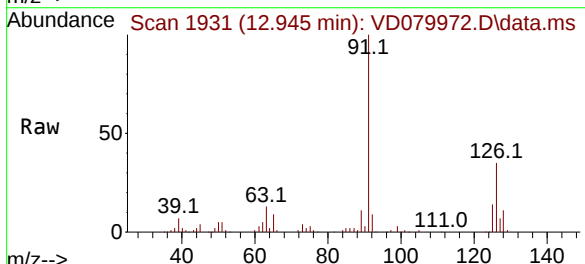
Instrument :
MSVOA_D
ClientSampleId :

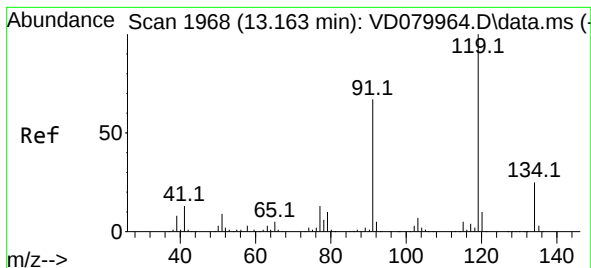
Tgt Ion: 75 Resp: 11465
Ion Ratio Lower Upper
75 100
53 89.2 68.7 103.1
89 47.6 36.1 54.1



#82
4-Chlorotoluene
Concen: 20.520 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD079972.D
Acq: 14 Oct 2024 11:43

Tgt Ion: 91 Resp: 121006
Ion Ratio Lower Upper
91 100
126 33.6 16.8 50.3





#83

tert-Butylbenzene

Concen: 19.284 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. -0.000 min

Lab File: VD079972.D

Acq: 14 Oct 2024 11:43

Instrument :

MSVOA_D

ClientSampleId :

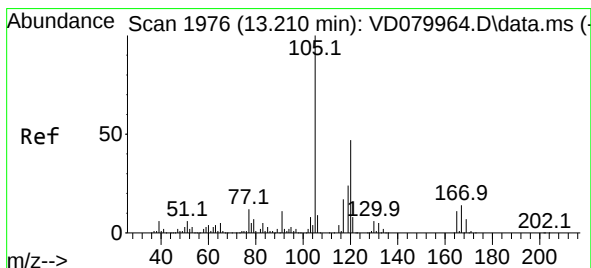
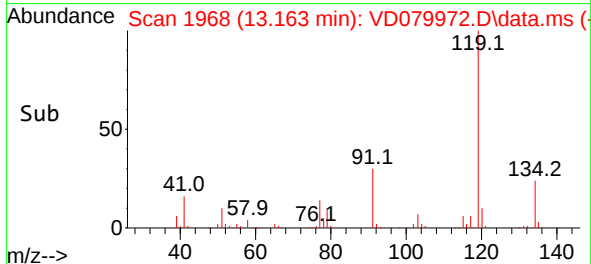
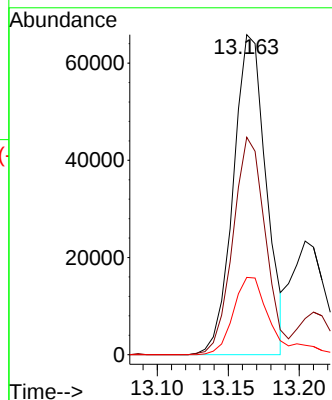
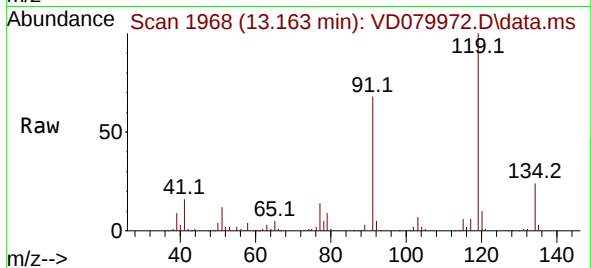
Tgt Ion:119 Resp: 105855

Ion Ratio Lower Upper

119 100

91 67.6 33.3 99.9

134 27.5 13.5 40.5



#84

1,2,4-Trimethylbenzene

Concen: 20.098 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VD079972.D

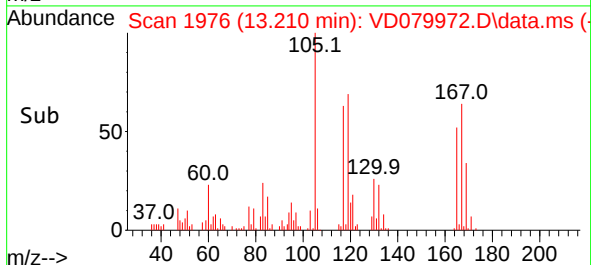
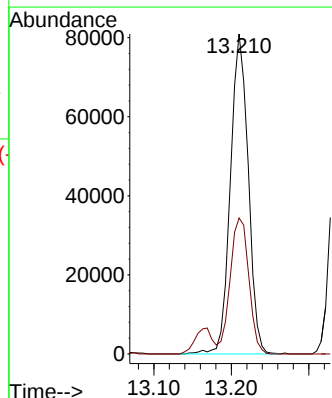
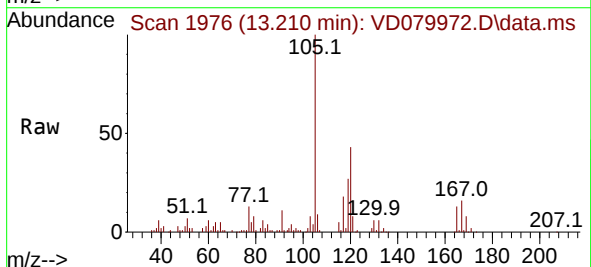
Acq: 14 Oct 2024 11:43

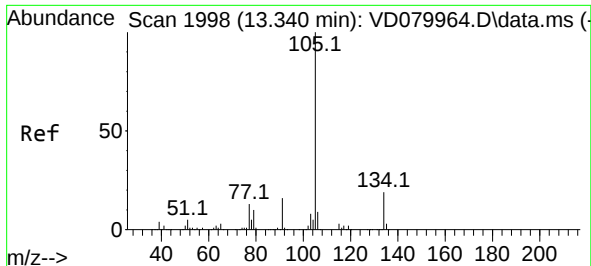
Tgt Ion:105 Resp: 129265

Ion Ratio Lower Upper

105 100

120 44.5 22.8 68.4

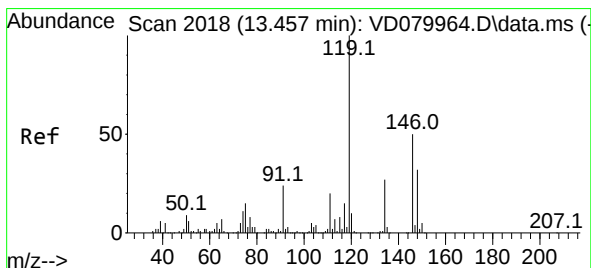
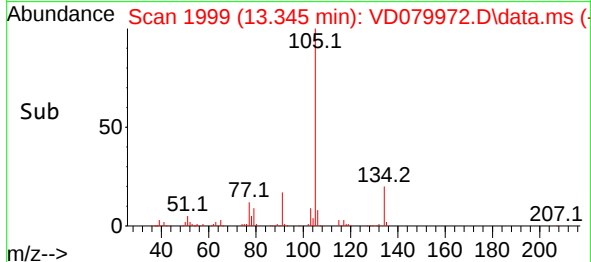
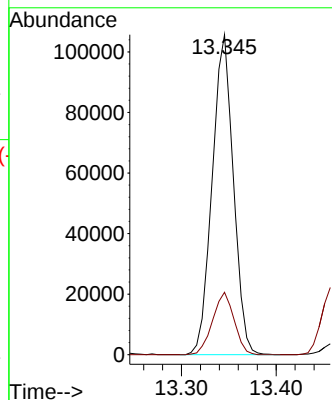
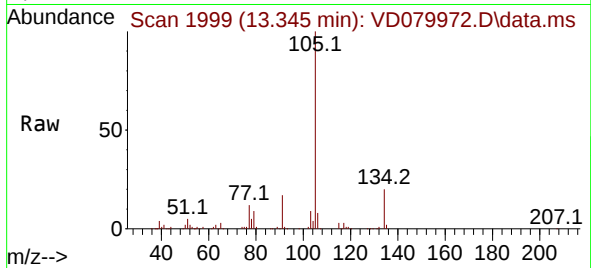




#85
 sec-Butylbenzene
 Concen: 19.483 ug/l
 RT: 13.345 min Scan# 1998
 Delta R.T. 0.006 min
 Lab File: VD079972.D
 Acq: 14 Oct 2024 11:43

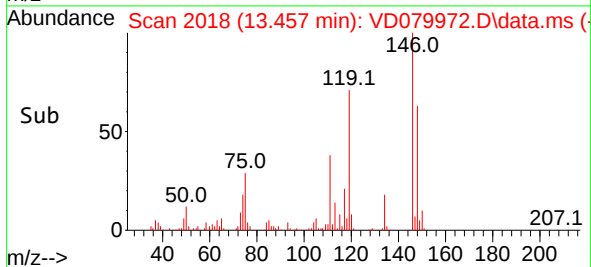
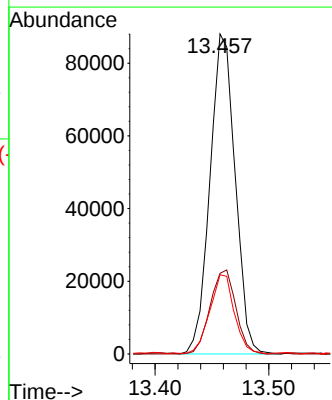
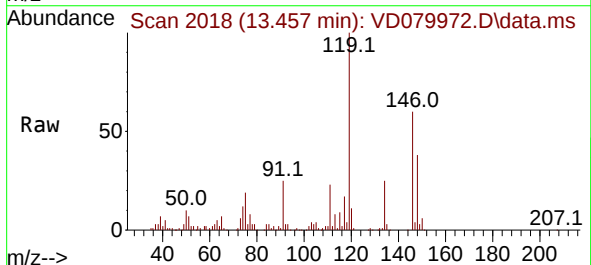
Instrument :
 MSVOA_D
 ClientSampleId :

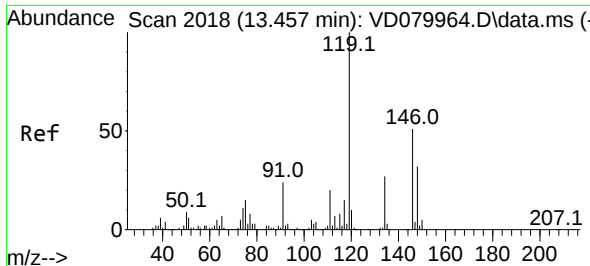
Tgt Ion:105 Resp: 164376
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 19.298 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.000 min
 Lab File: VD079972.D
 Acq: 14 Oct 2024 11:43

Tgt Ion:119 Resp: 135823
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.1 39.1
 91 24.2 12.2 36.4

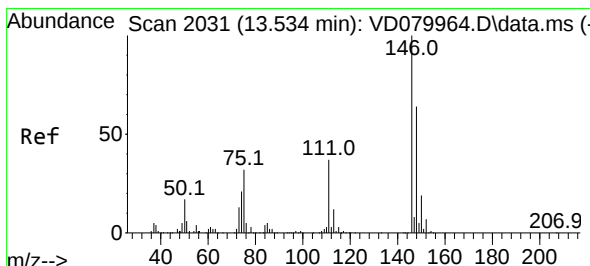
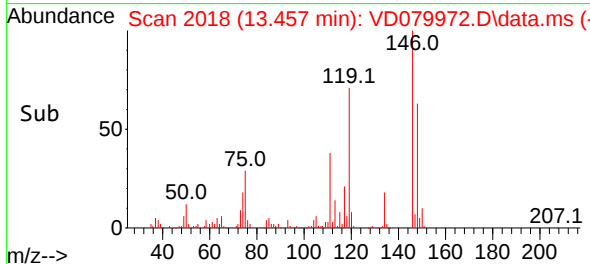
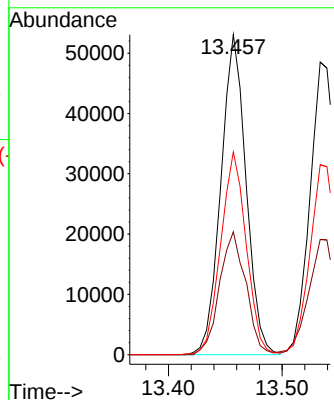
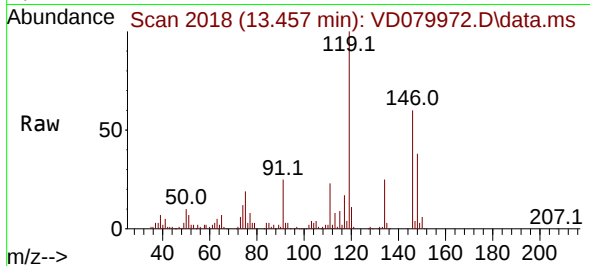




#87
1,3-Dichlorobenzene
Concen: 20.294 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD079972.D
Acq: 14 Oct 2024 11:43

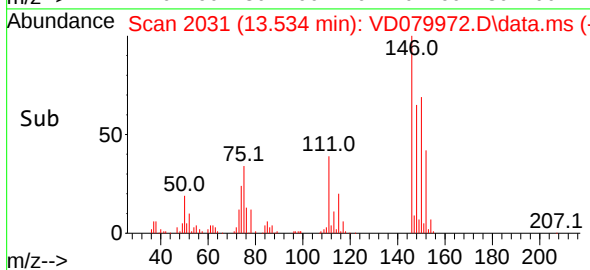
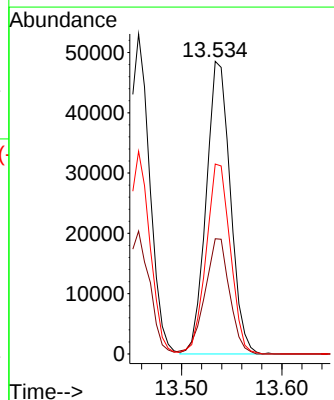
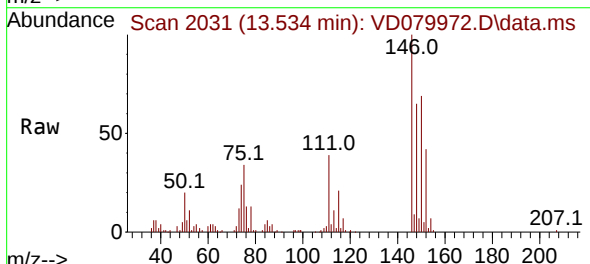
Instrument :
MSVOA_D
ClientSampleId :

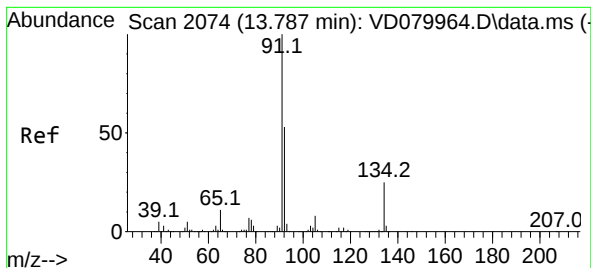
Tgt Ion:146 Resp: 81629
Ion Ratio Lower Upper
146 100
111 40.2 20.0 59.9
148 64.4 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 20.209 ug/l
RT: 13.534 min Scan# 2031
Delta R.T. -0.000 min
Lab File: VD079972.D
Acq: 14 Oct 2024 11:43

Tgt Ion:146 Resp: 81218
Ion Ratio Lower Upper
146 100
111 40.4 19.3 57.8
148 65.0 32.9 98.7





#89

n-Butylbenzene

Concen: 19.169 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VD079972.D

Acq: 14 Oct 2024 11:43

Instrument :

MSVOA_D

ClientSampleId :

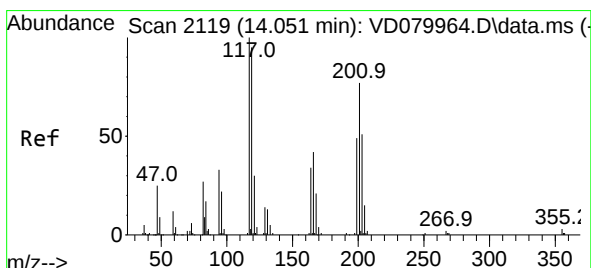
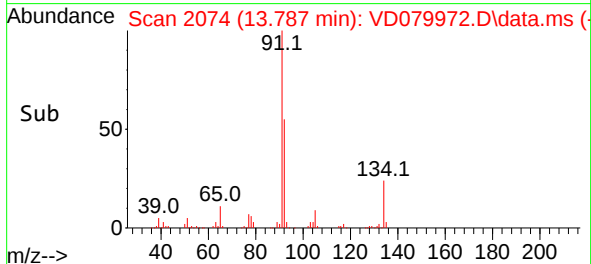
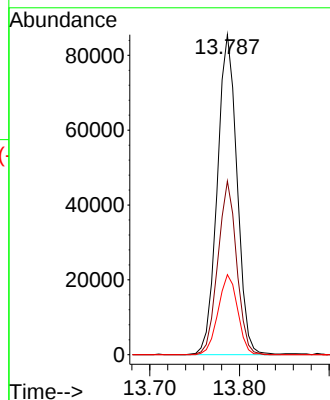
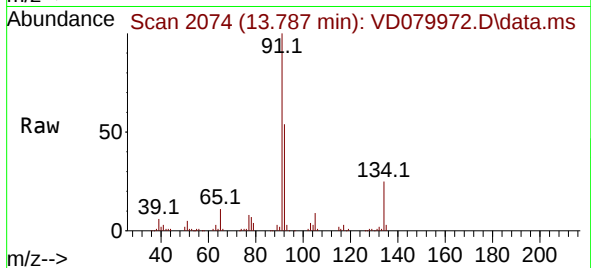
Tgt Ion: 91 Resp: 130495

Ion Ratio Lower Upper

91 100

92 51.5 26.3 78.9

134 24.8 12.3 36.8



#90

Hexachloroethane

Concen: 20.220 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. 0.006 min

Lab File: VD079972.D

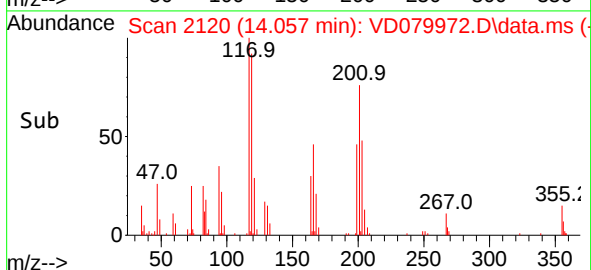
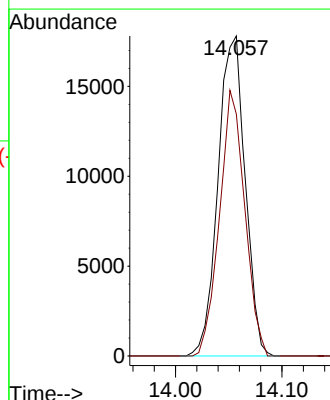
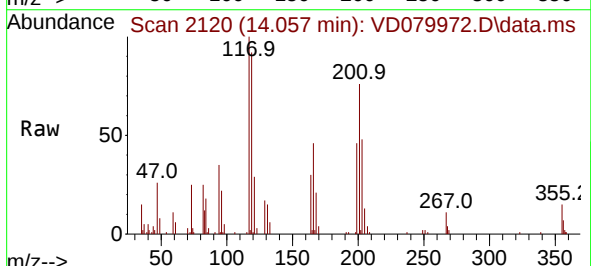
Acq: 14 Oct 2024 11:43

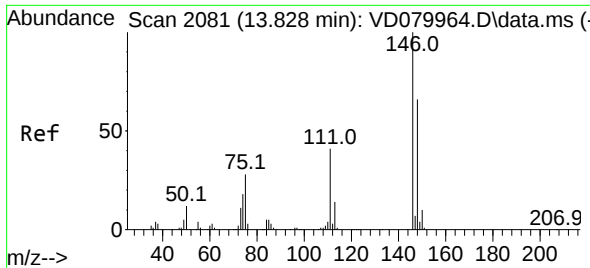
Tgt Ion: 117 Resp: 31458

Ion Ratio Lower Upper

117 100

201 77.4 37.5 112.5





#91

1,2-Dichlorobenzene

Concen: 20.941 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VD079972.D

Acq: 14 Oct 2024 11:43

Instrument :

MSVOA_D

ClientSampleId :

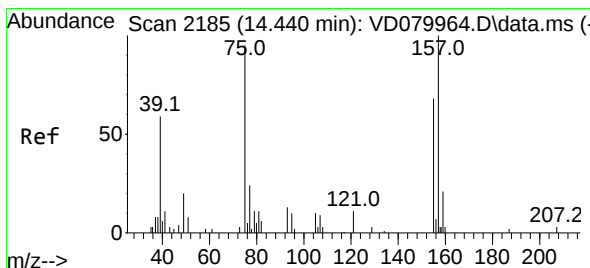
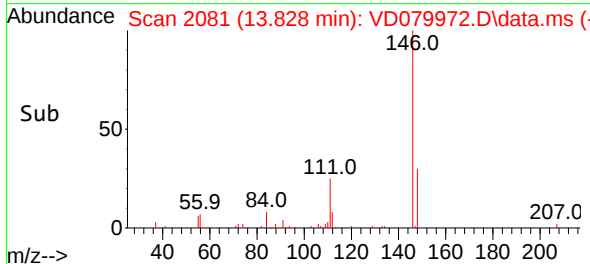
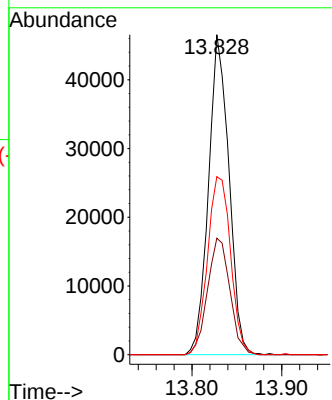
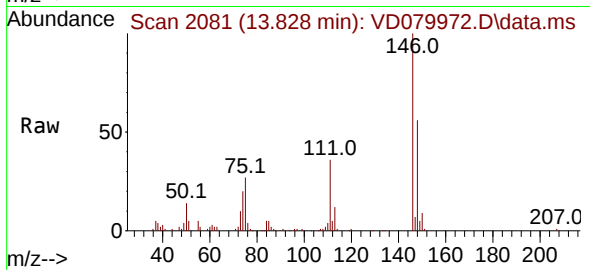
Tgt Ion:146 Resp: 73582

Ion Ratio Lower Upper

146 100

111 40.0 20.6 61.8

148 62.9 32.7 98.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.333 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.012 min

Lab File: VD079972.D

Acq: 14 Oct 2024 11:43

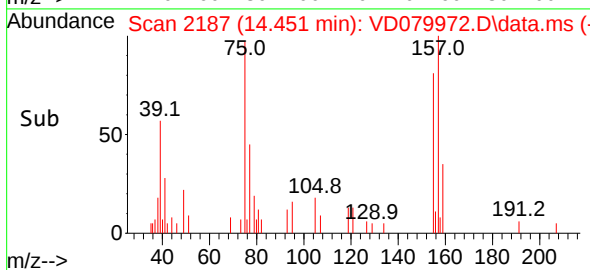
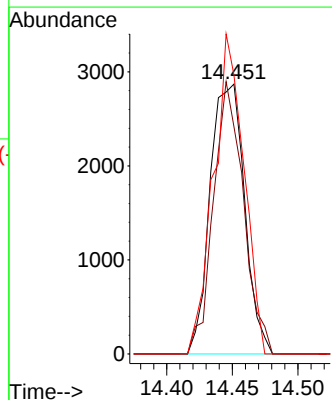
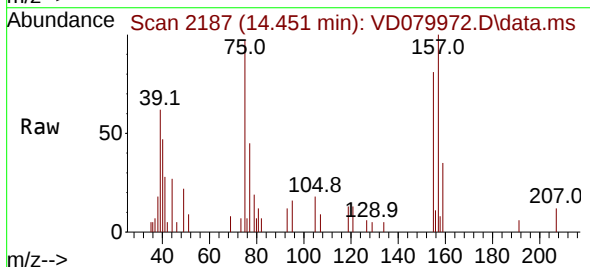
Tgt Ion: 75 Resp: 5231

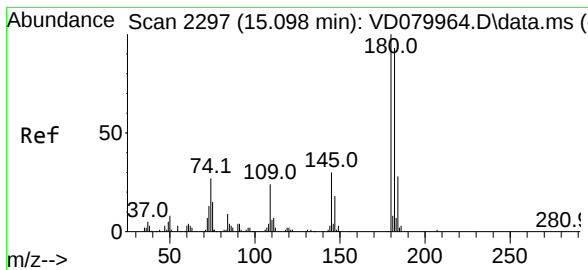
Ion Ratio Lower Upper

75 100

155 88.1 40.6 122.0

157 104.9 53.3 159.9

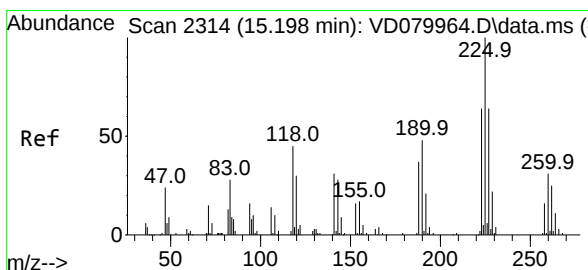
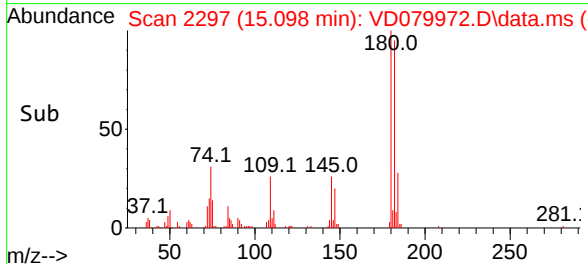
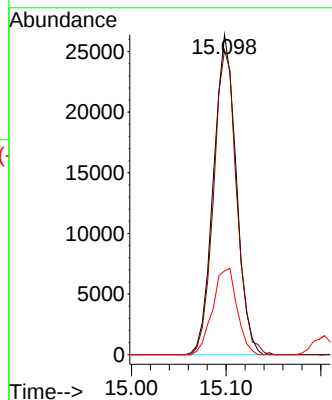
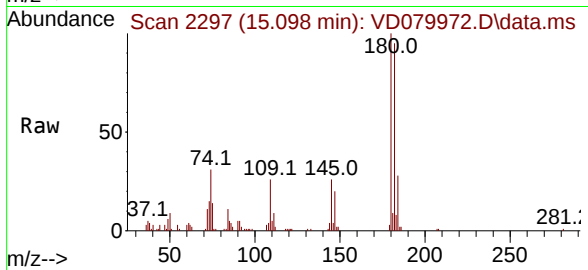




#93
 1,2,4-Trichlorobenzene
 Concen: 20.037 ug/l
 RT: 15.098 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD079972.D
 Acq: 14 Oct 2024 11:43

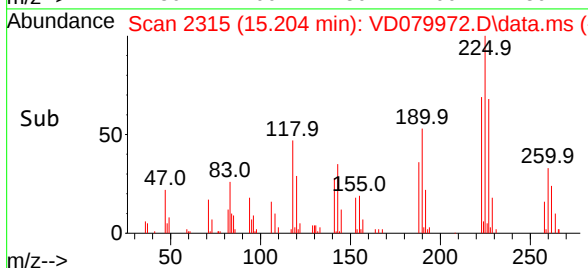
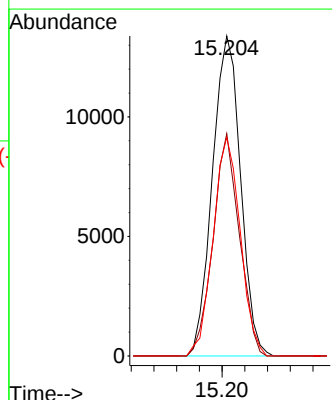
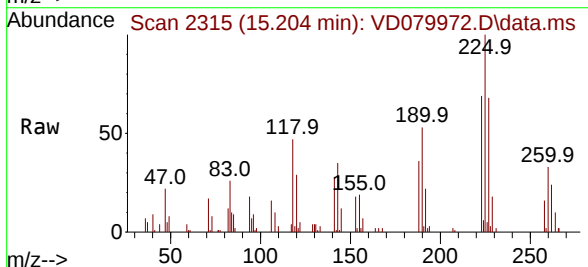
Instrument :
 MSVOA_D
 ClientSampleId :

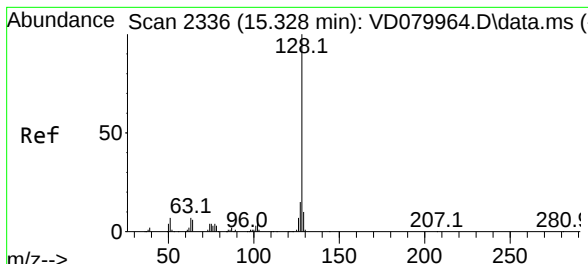
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.4	142.2
145	28.9	14.7	44.1



#94
 Hexachlorobutadiene
 Concen: 18.997 ug/l
 RT: 15.204 min Scan# 2315
 Delta R.T. 0.006 min
 Lab File: VD079972.D
 Acq: 14 Oct 2024 11:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.8	31.5	94.5
227	66.0	30.9	92.5

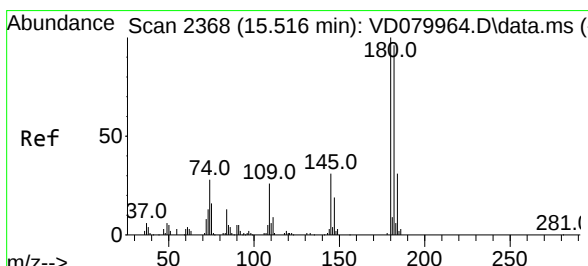
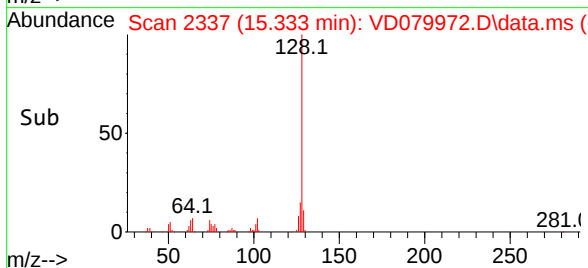
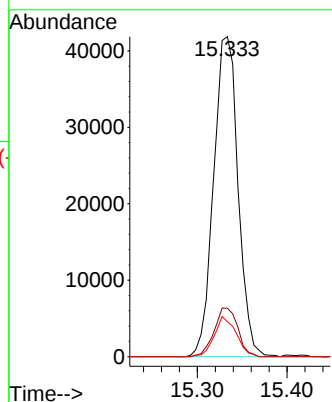
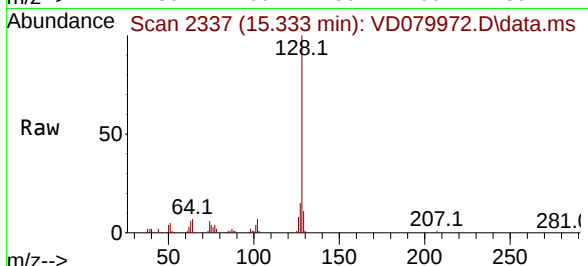




#95
Naphthalene
Concen: 20.127 ug/l
RT: 15.333 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD079972.D
Acq: 14 Oct 2024 11:43

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128	Resp:	79041
Ion Ratio	Lower	Upper
128	100	
127	15.1	11.8 17.8
129	10.9	8.3 12.5



#96
1,2,3-Trichlorobenzene
Concen: 19.693 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.006 min
Lab File: VD079972.D
Acq: 14 Oct 2024 11:43

Tgt Ion:180	Resp:	38431
Ion Ratio	Lower	Upper
180	100	
182	99.0	47.5 142.6
145	32.0	15.7 47.0

