

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101124\
 Data File : VD079963.D
 Acq On : 11 Oct 2024 11:23
 Operator : RP/MD
 Sample : VSTDIC020
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 14 02:50:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101124S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 02:41:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	148024	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	239451	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	219206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	121832	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	33964	20.171	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	40.340%#
35) Dibromofluoromethane	7.805	113	35397	20.481	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	40.960%#
50) Toluene-d8	10.269	98	125506	20.378	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	40.760%#
62) 4-Bromofluorobenzene	12.569	95	44192	20.555	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	41.120%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	28518	19.602	ug/l	97
3) Chloromethane	2.146	50	29001	19.408	ug/l	94
4) Vinyl Chloride	2.281	62	35703	19.217	ug/l	92
5) Bromomethane	2.681	94	31203	19.523	ug/l	97
6) Chloroethane	2.834	64	23761	18.734	ug/l	100
7) Trichlorofluoromethane	3.170	101	56895	19.546	ug/l	88
8) Diethyl Ether	3.599	74	15316	19.156	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.970	101	33757	18.882	ug/l	98
10) Methyl Iodide	4.158	142	33739	19.246	ug/l	97
11) Tert butyl alcohol	5.052	59	4851	46.886	ug/l #	80
12) 1,1-Dichloroethene	3.940	96	29937	18.823	ug/l	94
13) Acrolein	3.793	56	12696	114.973	ug/l	97
14) Allyl chloride	4.564	41	44467	18.824	ug/l	98
15) Acrylonitrile	5.258	53	36334	95.104	ug/l	99
16) Acetone	4.022	43	40757	93.382	ug/l	100
17) Carbon Disulfide	4.264	76	80890	18.246	ug/l	97
18) Methyl Acetate	4.564	43	17510	18.689	ug/l	97
19) Methyl tert-butyl Ether	5.316	73	70219	19.117	ug/l	99
20) Methylene Chloride	4.799	84	40294	19.382	ug/l	91
21) trans-1,2-Dichloroethene	5.311	96	33139	19.405	ug/l	97
22) Diisopropyl ether	6.216	45	98026	19.134	ug/l #	91
23) Vinyl Acetate	6.158	43	275590	95.740	ug/l	100
24) 1,1-Dichloroethane	6.111	63	66564	19.721	ug/l	98
25) 2-Butanone	7.087	43	49580	93.289	ug/l	97
26) 2,2-Dichloropropane	7.075	77	56264	19.266	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	41413	19.500	ug/l	98
28) Bromochloromethane	7.428	49	29895	20.751	ug/l	100
29) Tetrahydrofuran	7.452	42	26063	91.695	ug/l	98
30) Chloroform	7.599	83	71394	19.968	ug/l	97
31) Cyclohexane	7.875	56	47761	18.667	ug/l #	92
32) 1,1,1-Trichloroethane	7.793	97	57867	19.538	ug/l	99
36) 1,1-Dichloropropene	8.005	75	43477	18.770	ug/l	99
37) Ethyl Acetate	7.163	43	22131	19.735	ug/l #	83
38) Carbon Tetrachloride	7.987	117	50032	19.437	ug/l	97
39) Methylcyclohexane	9.275	83	46604	17.929	ug/l	95
40) Benzene	8.252	78	138968	18.971	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	9996	16.973	ug/l #	92
42) 1,2-Dichloroethane	8.328	62	39097	19.408	ug/l	99
43) Isopropyl Acetate	8.363	43	38143	18.462	ug/l	98
44) Trichloroethene	9.028	130	34756	19.180	ug/l	95
45) 1,2-Dichloropropane	9.305	63	36253	19.517	ug/l	92
46) Dibromomethane	9.399	93	19763	19.283	ug/l	99
47) Bromodichloromethane	9.581	83	52782	19.418	ug/l	97
48) Methyl methacrylate	9.381	41	15370	16.516	ug/l	87
49) 1,4-Dioxane	9.381	88	4067	361.137	ug/l	95
51) 4-Methyl-2-Pentanone	10.157	43	97961	92.680	ug/l	100
52) Toluene	10.334	92	86963	19.390	ug/l	95
53) t-1,3-Dichloropropene	10.552	75	45708	19.204	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	53838	19.169	ug/l	95
55) 1,1,2-Trichloroethane	10.734	97	27285	18.953	ug/l	95
56) Ethyl methacrylate	10.599	69	31141	18.516	ug/l	96
57) 1,3-Dichloropropane	10.875	76	44495	19.151	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.869	63	56525	90.827	ug/l	96
59) 2-Hexanone	10.922	43	73011	93.265	ug/l	97
60) Dibromochloromethane	11.075	129	36970	19.765	ug/l	99
61) 1,2-Dibromoethane	11.181	107	25418	19.184	ug/l	96
64) Tetrachloroethene	10.810	164	29303	18.952	ug/l	96
65) Chlorobenzene	11.604	112	98965	19.399	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	35043	19.121	ug/l	99
67) Ethyl Benzene	11.681	91	159043	18.432	ug/l	98
68) m/p-Xylenes	11.793	106	127085	38.377	ug/l	100
69) o-Xylene	12.116	106	58237	19.008	ug/l	98
70) Styrene	12.134	104	104578	19.181	ug/l	99
71) Bromoform	12.298	173	20768	18.843	ug/l #	95
73) Isopropylbenzene	12.422	105	151925	18.331	ug/l	99
74) N-amyl acetate	12.234	43	36218	18.068	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.669	83	32402	19.282	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	41965	32.449	ug/l #	100
77) Bromobenzene	12.698	156	40406	18.845	ug/l	99
78) n-propylbenzene	12.763	91	193498	18.779	ug/l	99
79) 2-Chlorotoluene	12.846	91	112935	18.865	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	132103	18.912	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	11703	19.431	ug/l	94
82) 4-Chlorotoluene	12.946	91	124031	19.286	ug/l	100
83) tert-Butylbenzene	13.163	119	109829	18.345	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	134115	19.120	ug/l	100
85) sec-Butylbenzene	13.345	105	174935	19.012	ug/l	99
86) p-Isopropyltoluene	13.457	119	144698	18.850	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	83414	19.014	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	84128	19.194	ug/l	99
89) n-Butylbenzene	13.787	91	135292	18.223	ug/l	99
90) Hexachloroethane	14.051	117	32976	19.435	ug/l	96
91) 1,2-Dichlorobenzene	13.828	146	73652	19.219	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.440	75	5439	19.384	ug/l	88
93) 1,2,4-Trichlorobenzene	15.098	180	45877	19.103	ug/l	96
94) Hexachlorobutadiene	15.198	225	25050	18.942	ug/l	98
95) Naphthalene	15.328	128	77772	18.158	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	38377	18.032	ug/l	98

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Quant Title : SW846 8260
QLast Update : Mon Oct 14 02:41:36 2024
Response via : Initial Calibration

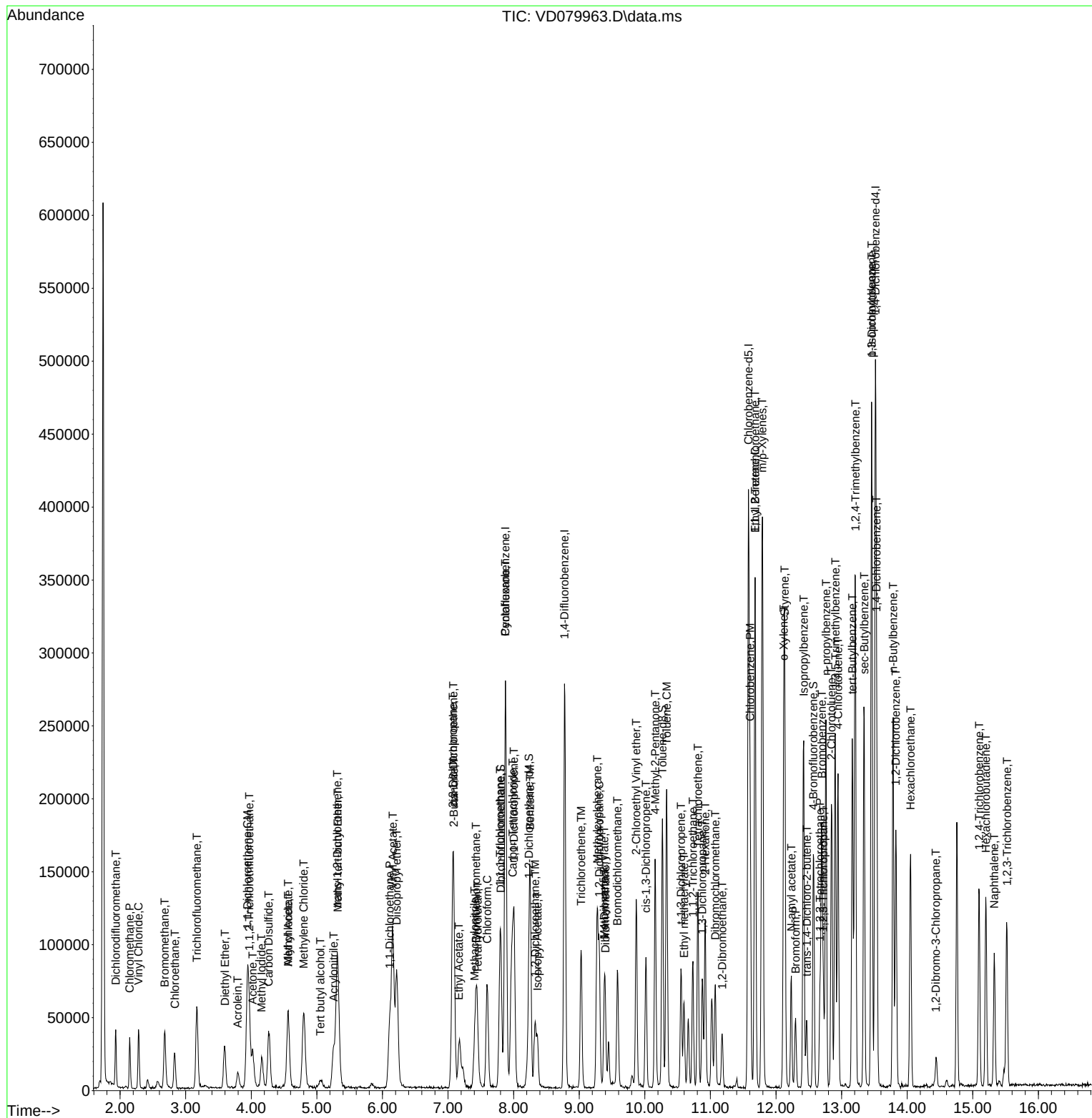
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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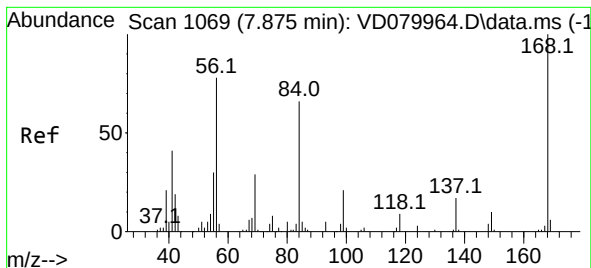
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD079963.D

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Instrument :

MSVOA_D

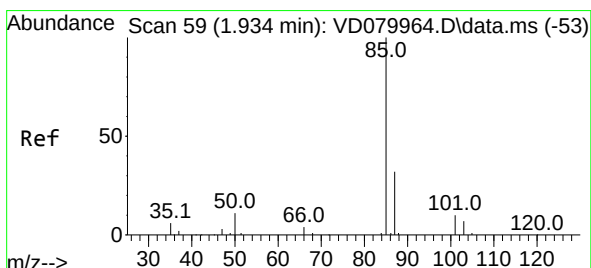
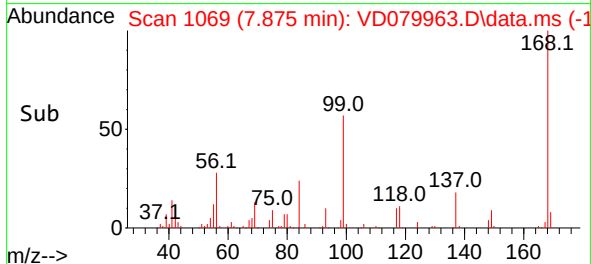
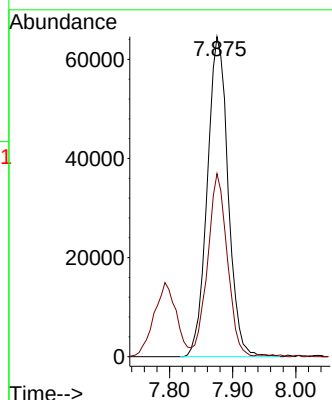
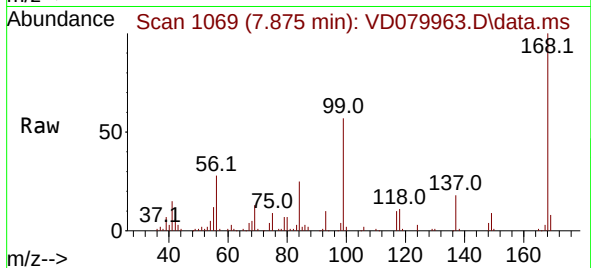
ClientSampleId :

Tgt Ion:168 Resp: 148024

Ion Ratio Lower Upper

168 100

99 56.6 46.0 69.0



#2

Dichlorodifluoromethane

Concen: 19.602 ug/l

RT: 1.934 min Scan# 59

Delta R.T. -0.000 min

Lab File: VD079963.D

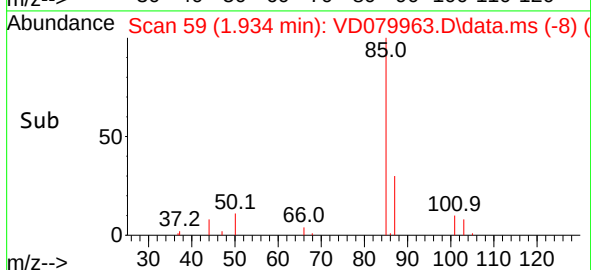
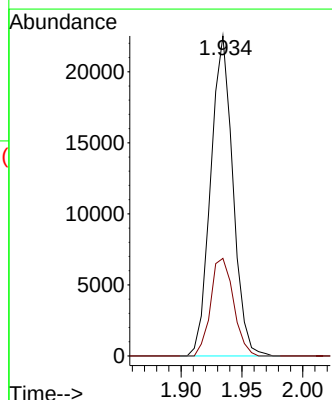
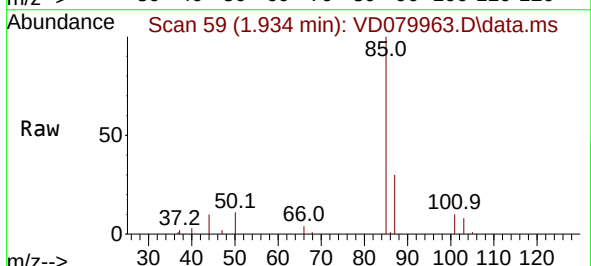
Acq: 11 Oct 2024 11:23

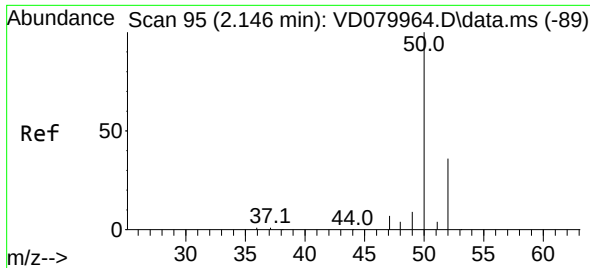
Tgt Ion: 85 Resp: 28518

Ion Ratio Lower Upper

85 100

87 30.5 16.1 48.2

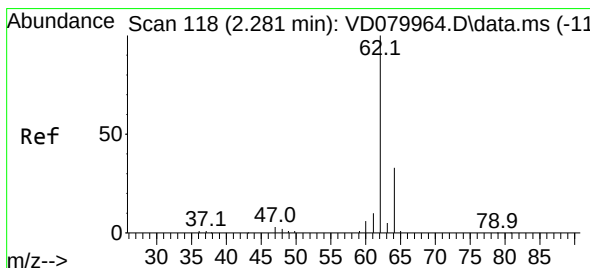
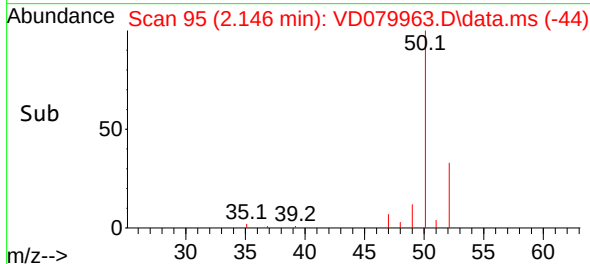
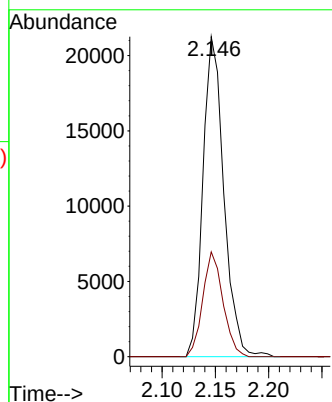
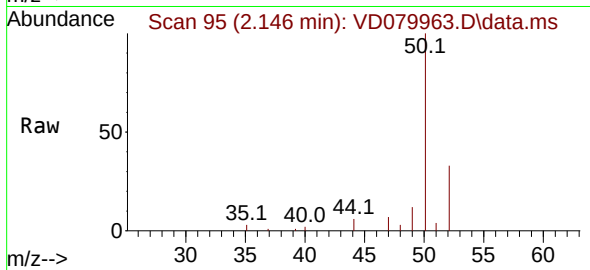




#3
Chloromethane
Concen: 19.408 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

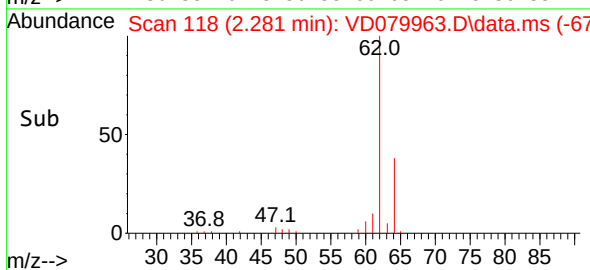
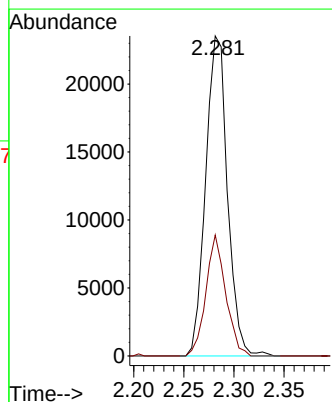
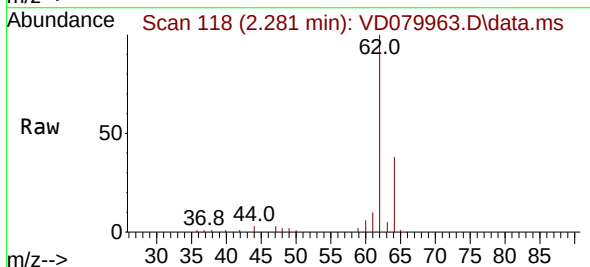
Instrument :
MSVOA_D
ClientSampleId :

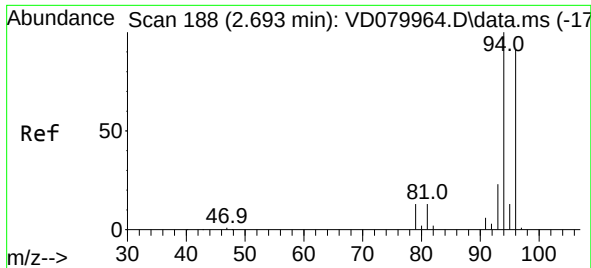
Tgt Ion: 50 Resp: 29001
Ion Ratio Lower Upper
50 100
52 32.8 28.8 43.2



#4
Vinyl Chloride
Concen: 19.217 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

Tgt Ion: 62 Resp: 35703
Ion Ratio Lower Upper
62 100
64 37.8 26.5 39.7

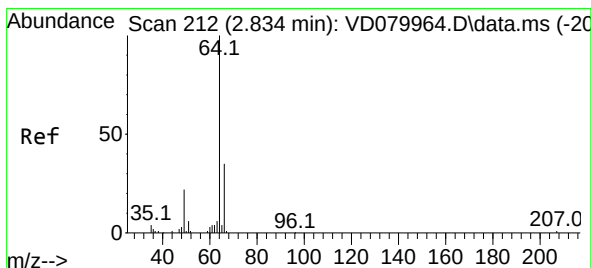
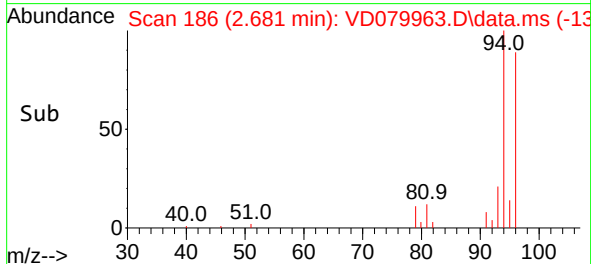
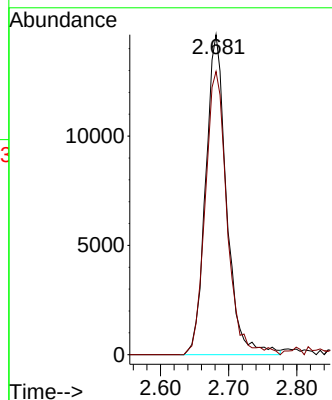
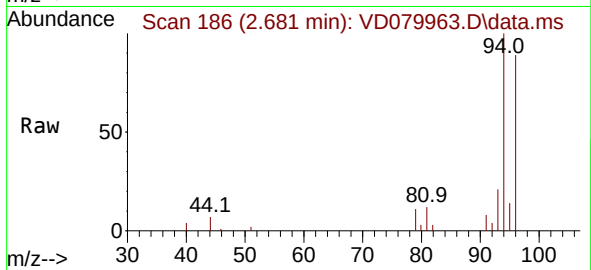




#5
Bromomethane
Concen: 19.523 ug/l
RT: 2.681 min Scan# 186
Delta R.T. -0.012 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

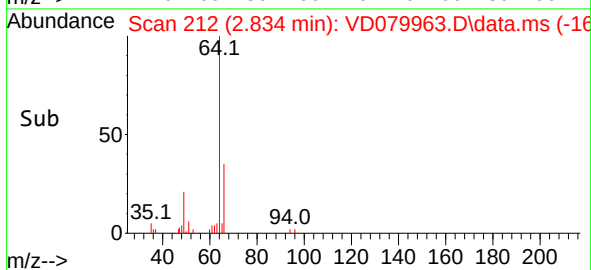
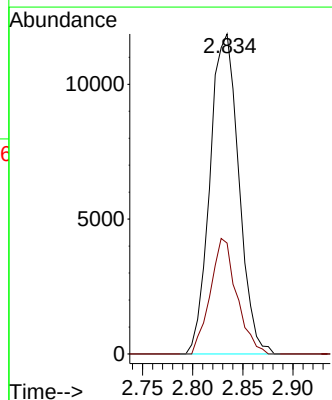
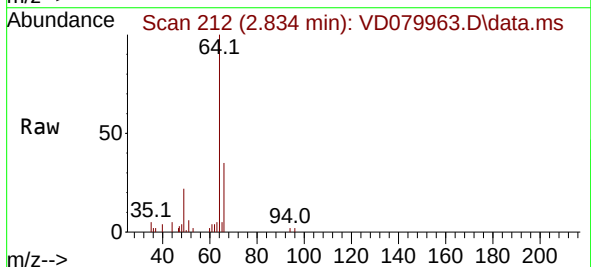
Instrument :
MSVOA_D
ClientSampleId :

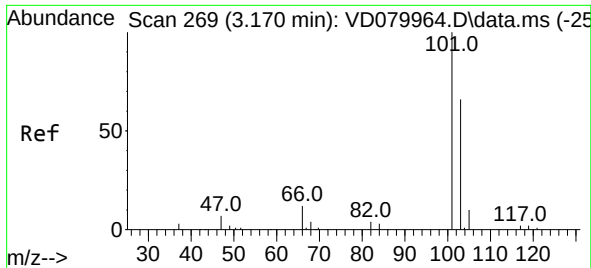
Tgt Ion: 94 Resp: 31203
Ion Ratio Lower Upper
94 100
96 92.4 76.2 114.2



#6
Chloroethane
Concen: 18.734 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

Tgt Ion: 64 Resp: 23761
Ion Ratio Lower Upper
64 100
66 34.6 27.6 41.4

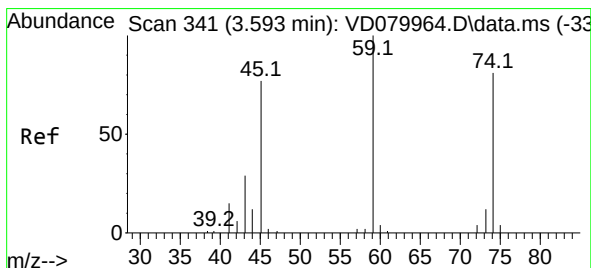
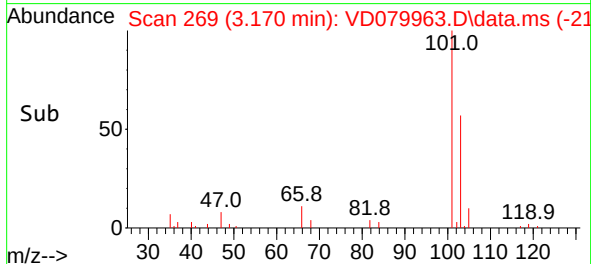
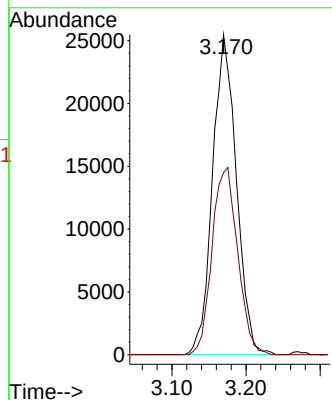
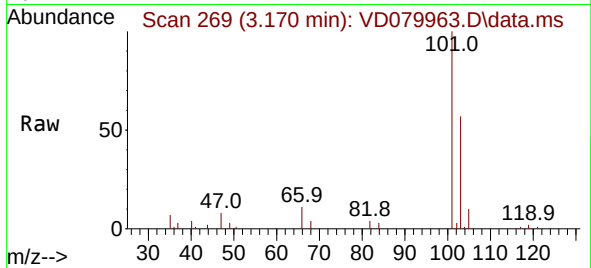




#7
Trichlorofluoromethane
Concen: 19.546 ug/l
RT: 3.170 min Scan# 201
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

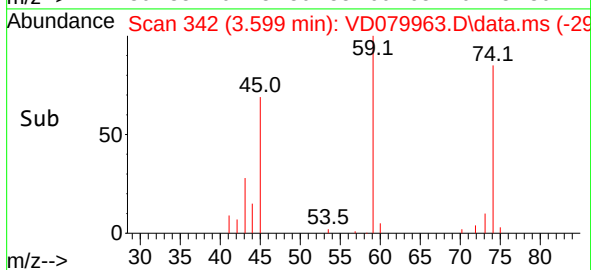
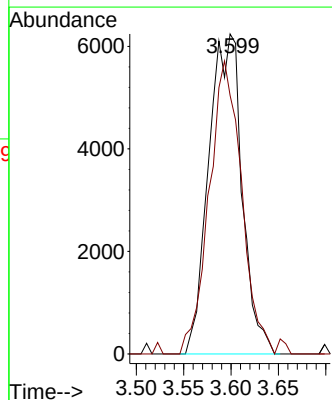
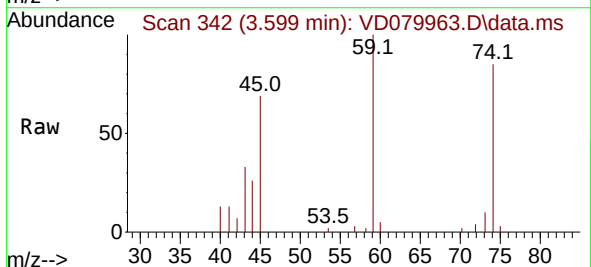
Instrument :
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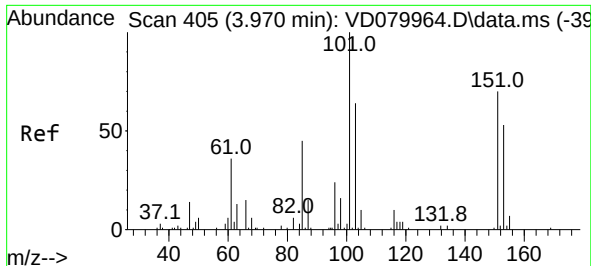
Tgt Ion:101 Resp: 56895
Ion Ratio Lower Upper
101 100
103 56.9 53.0 79.6



#8
Diethyl Ether
Concen: 19.156 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD079963.D
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Tgt Ion: 74 Resp: 15316
Ion Ratio Lower Upper
74 100
45 89.1 47.8 143.3

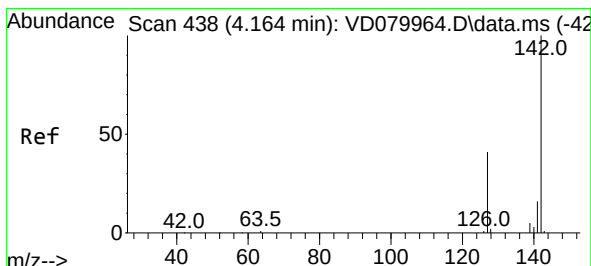
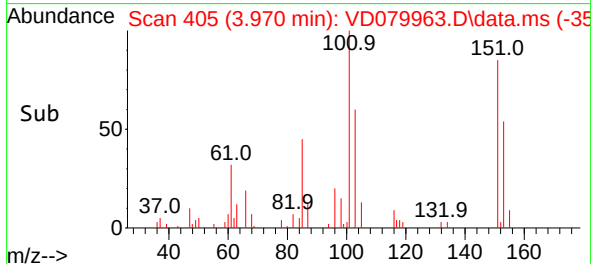
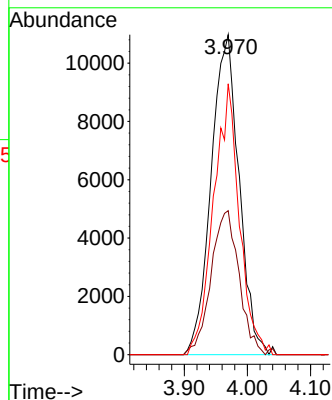
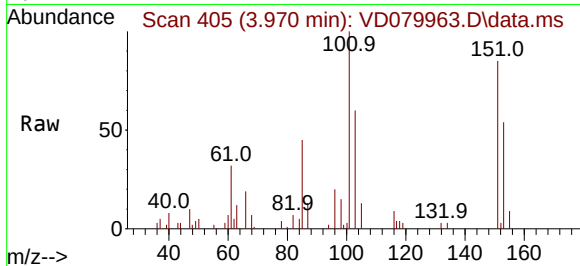




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.882 ug/l
RT: 3.970 min Scan# 405
Delta R.T. -0.000 min
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Acq: 11 Oct 2024 11:23

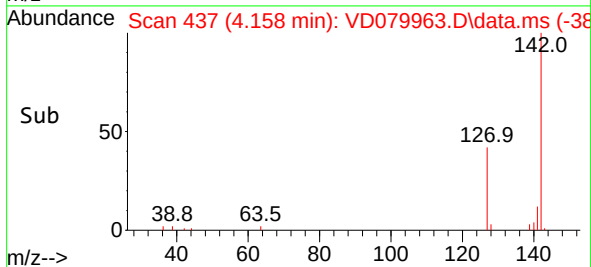
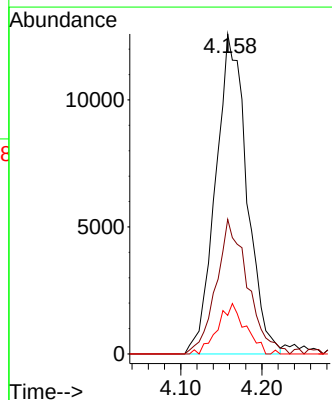
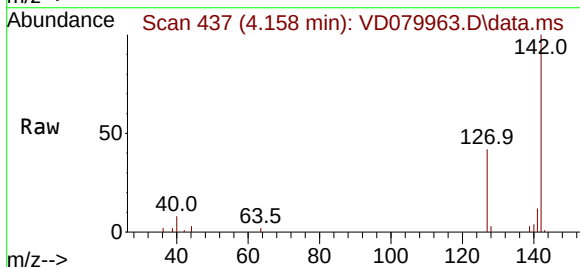
Instrument :
MSVOA_D
ClientSampleId :

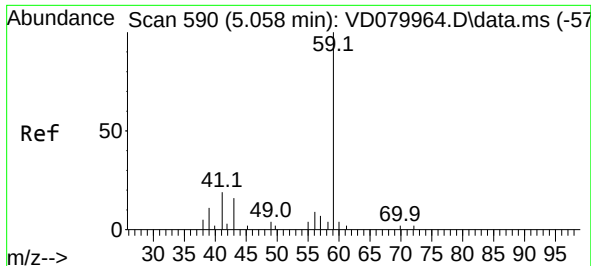
Tgt Ion:101 Resp: 33757
Ion Ratio Lower Upper
101 100
85 45.1 35.3 52.9
151 78.0 60.3 90.5



#10
Methyl Iodide
Concen: 19.246 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.006 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

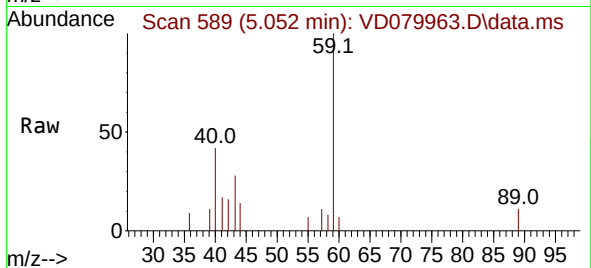
Tgt Ion:142 Resp: 33739
Ion Ratio Lower Upper
142 100
127 42.4 35.3 52.9
141 13.9 12.2 18.2



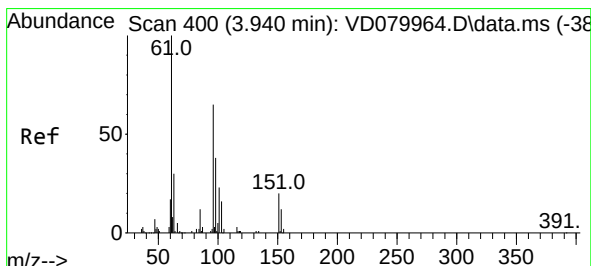
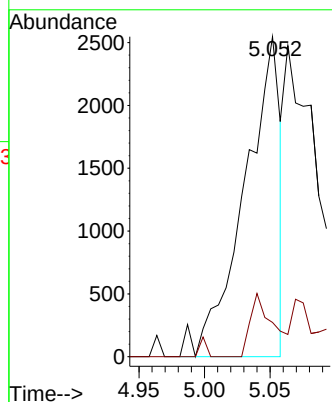
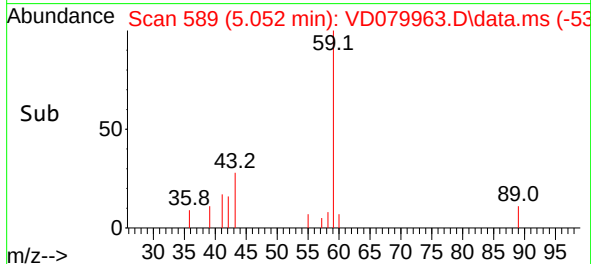


#11
Tert butyl alcohol
Concen: 46.886 ug/l
RT: 5.052 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

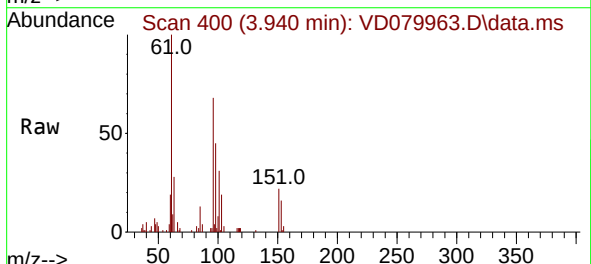
Instrument :
MSVOA_D
ClientSampleId :



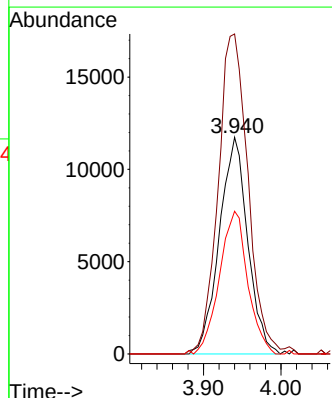
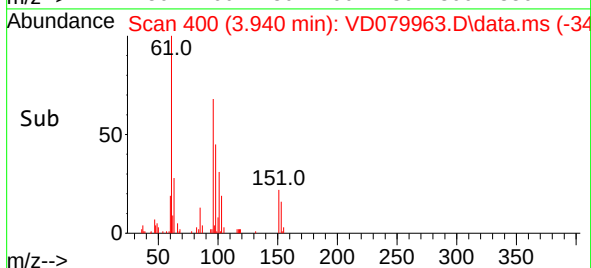
Tgt Ion: 59 Resp: 4851
Ion Ratio Lower Upper
59 100
57 12.6 4.8 7.2#

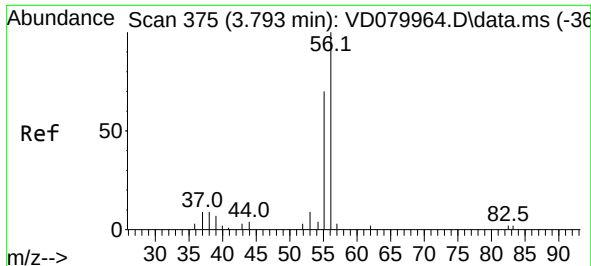


#12
1,1-Dichloroethene
Concen: 18.823 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23



Tgt Ion: 96 Resp: 29937
Ion Ratio Lower Upper
96 100
61 147.7 122.6 184.0
98 65.9 47.1 70.7

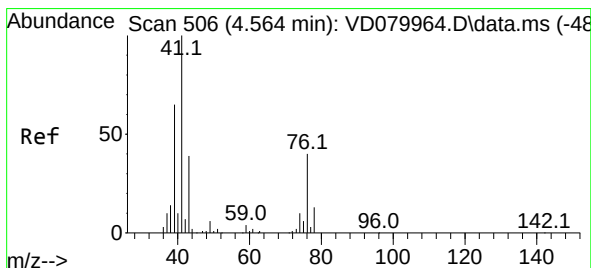
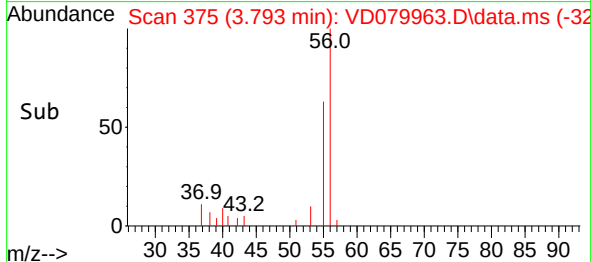
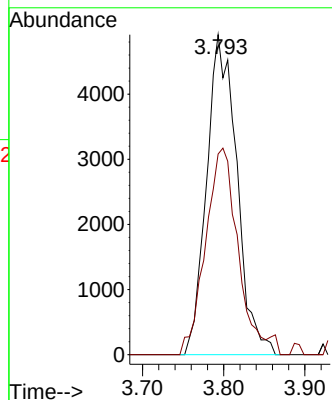
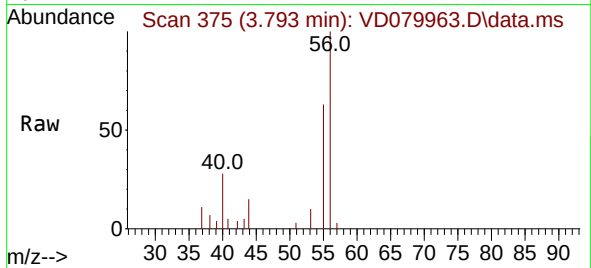




#13
Acrolein
Concen: 114.973 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

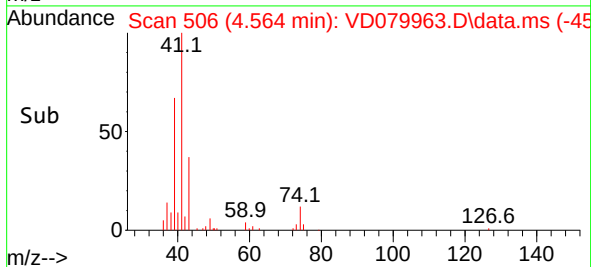
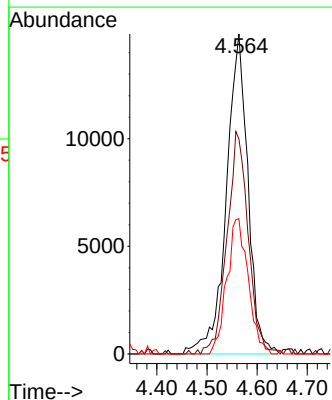
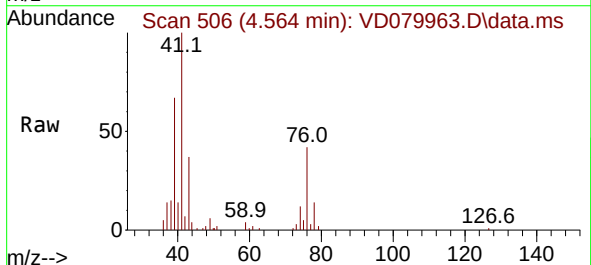
Instrument :
MSVOA_D
ClientSampleId :

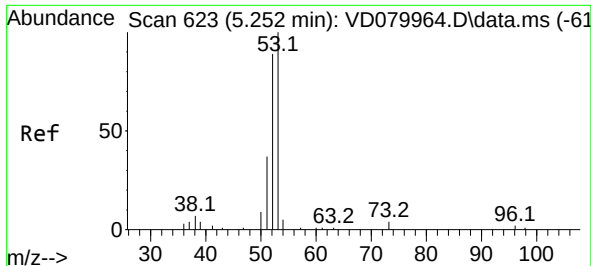
Tgt Ion: 56 Resp: 12696
Ion Ratio Lower Upper
56 100
55 70.2 58.2 87.2



#14
Allyl chloride
Concen: 18.824 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

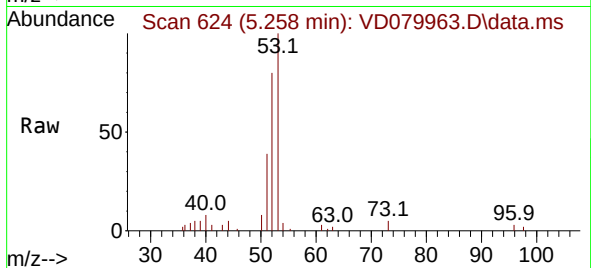
Tgt Ion: 41 Resp: 44467
Ion Ratio Lower Upper
41 100
39 68.4 53.3 79.9
76 41.8 32.0 48.0



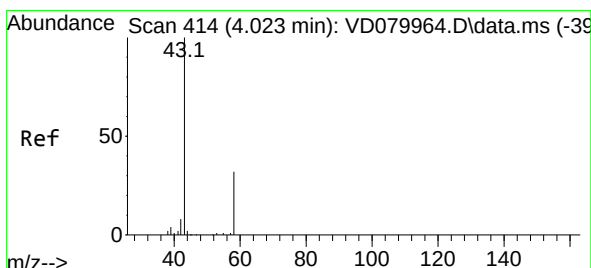
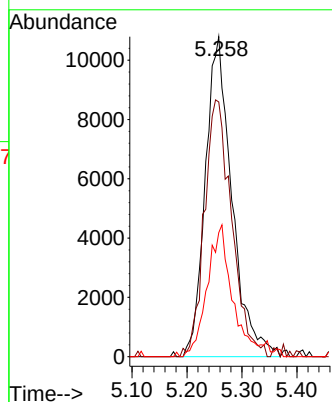
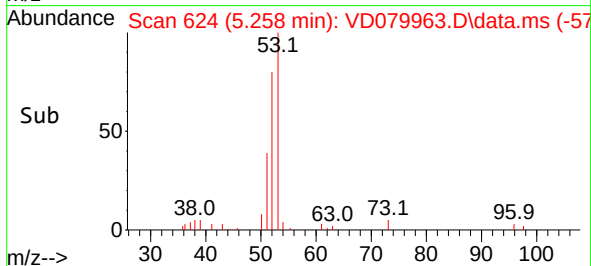


#15
Acrylonitrile
Concen: 95.104 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

Instrument :
MSVOA_D
ClientSampleId :

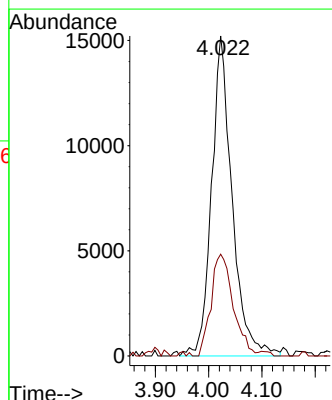
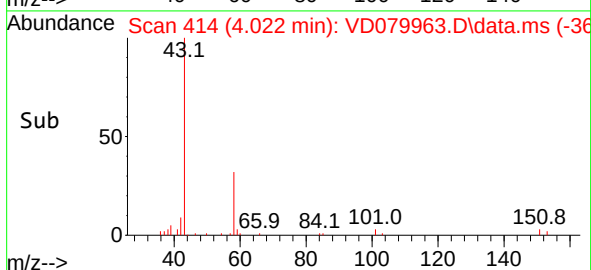
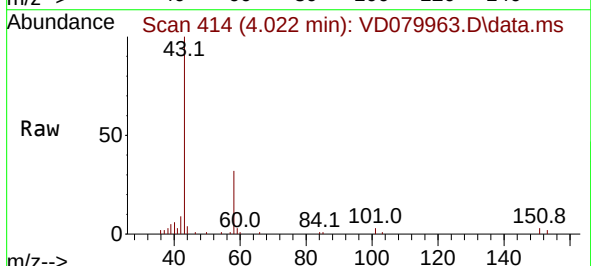


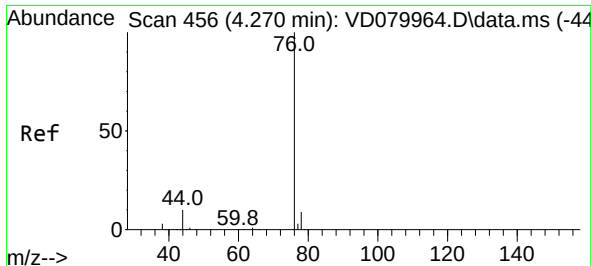
Tgt Ion: 53 Resp: 36334
Ion Ratio Lower Upper
53 100
52 82.2 66.2 99.4
51 38.1 30.3 45.5



#16
Acetone
Concen: 93.382 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

Tgt Ion: 43 Resp: 40757
Ion Ratio Lower Upper
43 100
58 31.8 25.4 38.2

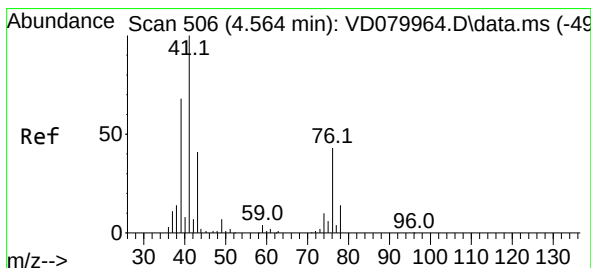
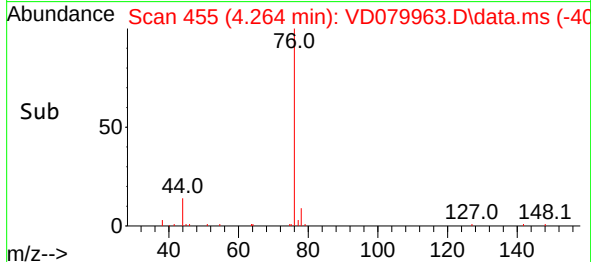
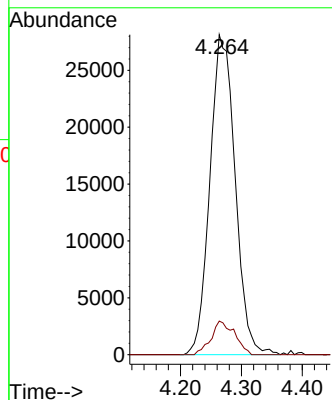
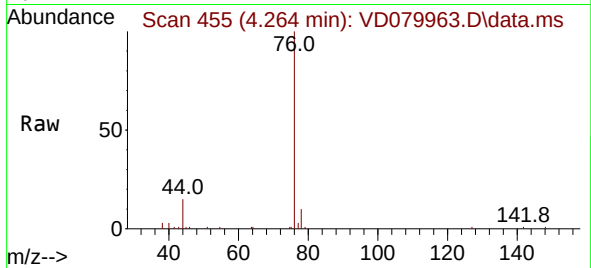




#17
Carbon Disulfide
Concen: 18.246 ug/l
RT: 4.264 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

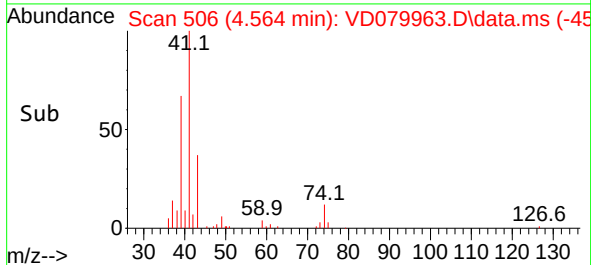
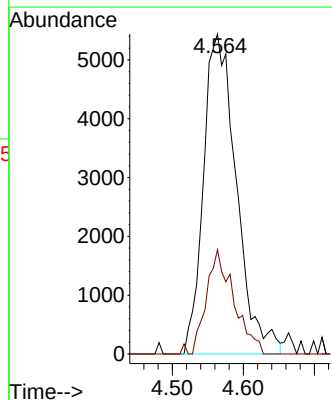
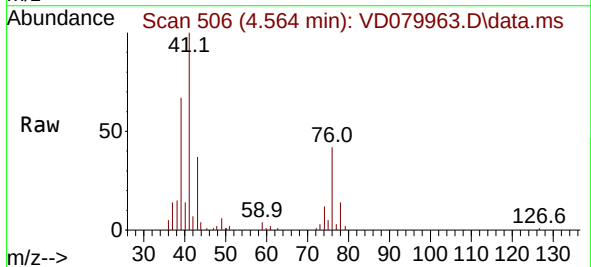
Instrument :
MSVOA_D
ClientSampleId :

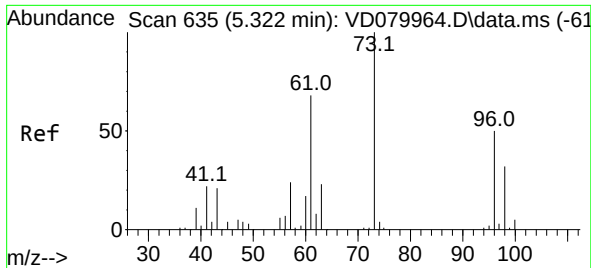
Tgt Ion: 76 Resp: 80890
Ion Ratio Lower Upper
76 100
78 10.5 7.5 11.3



#18
Methyl Acetate
Concen: 18.689 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

Tgt Ion: 43 Resp: 17510
Ion Ratio Lower Upper
43 100
74 27.1 20.5 30.7

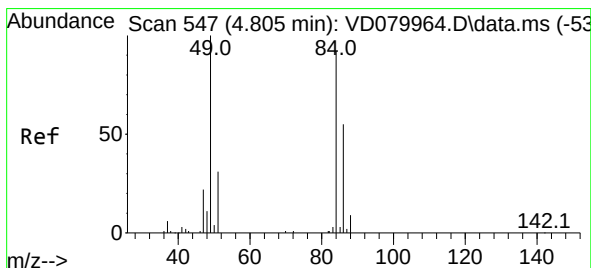
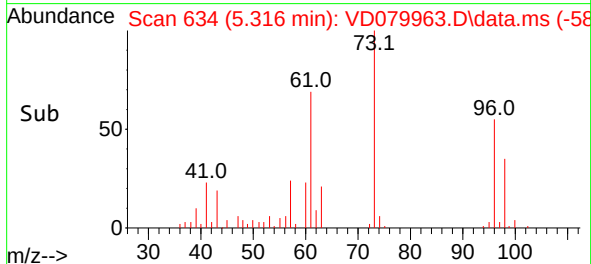
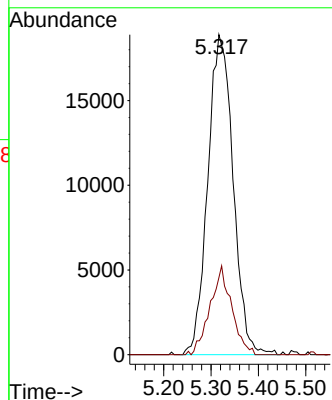
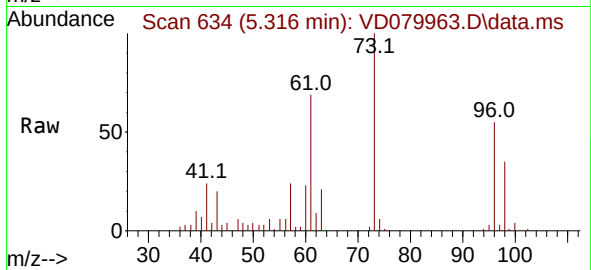




#19
Methyl tert-butyl Ether
Concen: 19.117 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

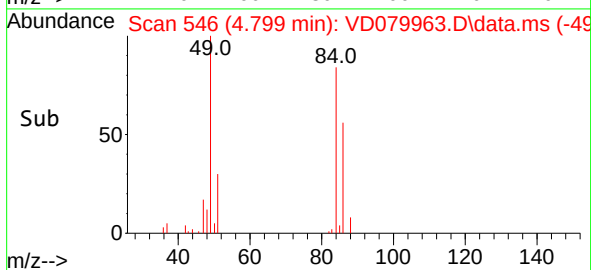
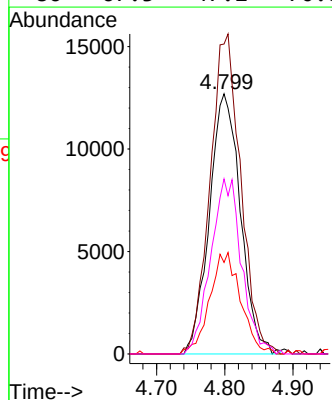
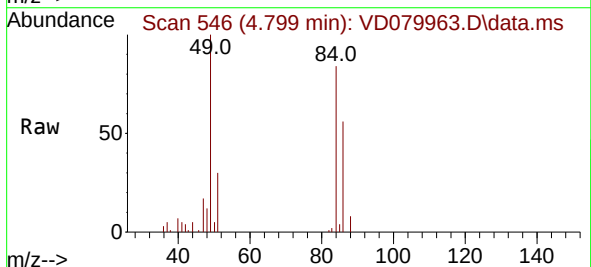
Instrument :
MSVOA_D
ClientSampleId :

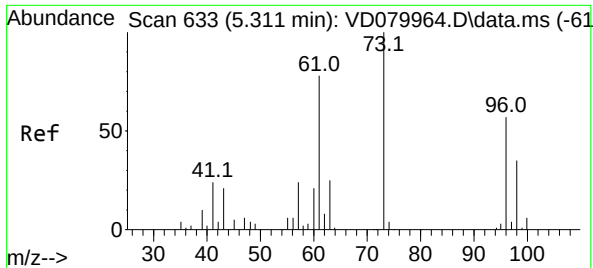
Tgt Ion: 73 Resp: 70219
Ion Ratio Lower Upper
73 100
57 24.1 18.8 28.2



#20
Methylene Chloride
Concen: 19.382 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

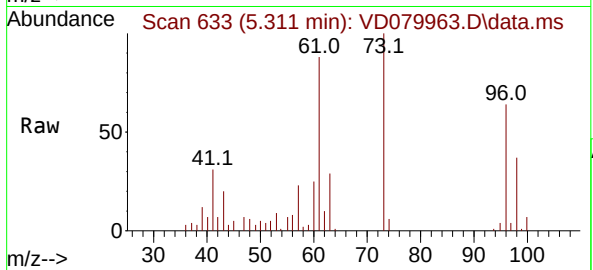
Tgt Ion: 84 Resp: 40294
Ion Ratio Lower Upper
84 100
49 119.2 86.5 129.7
51 35.2 26.9 40.3
86 67.3 47.2 70.8



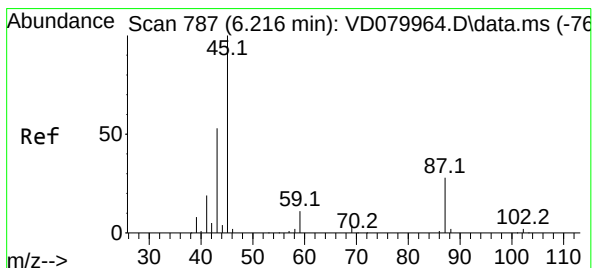
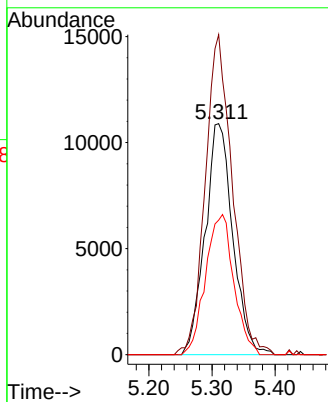
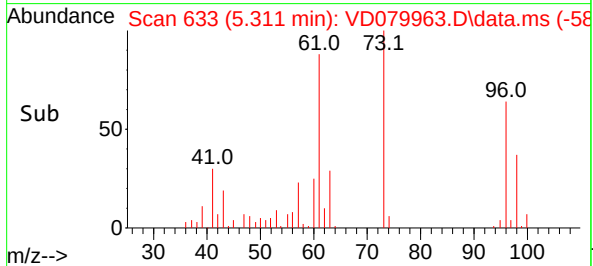


#21
trans-1,2-Dichloroethene
Concen: 19.405 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

Instrument :
MSVOA_D
ClientSampleId :

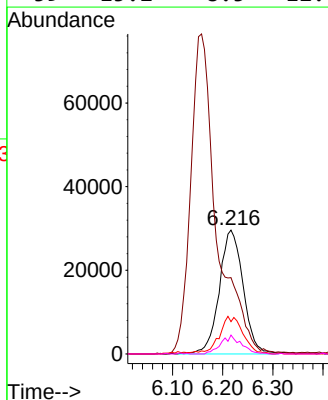
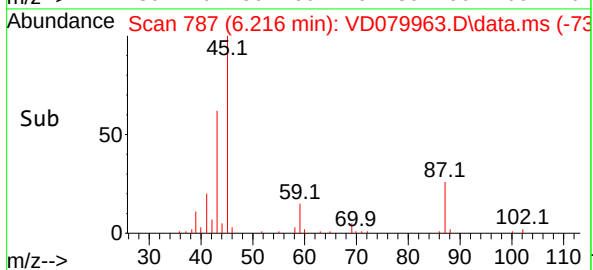
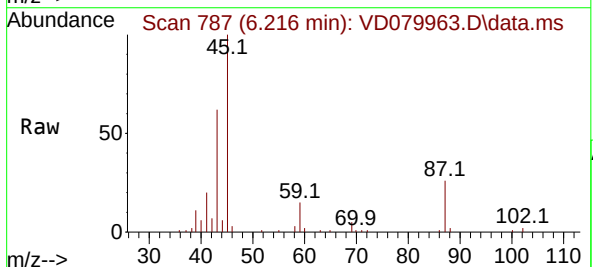


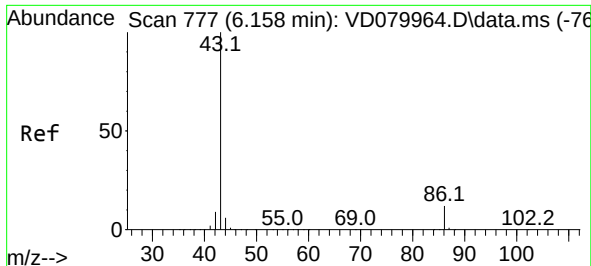
Tgt Ion:	96	Resp:	33139
Ion Ratio	Lower	Upper	
96	100		
61	138.5	109.4	164.0
98	58.3	49.8	74.8



#22
Diisopropyl ether
Concen: 19.134 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

Tgt Ion:	45	Resp:	98026
Ion Ratio	Lower	Upper	
45	100		
43	60.0	42.6	63.8
87	25.5	22.7	34.1
59	15.2	8.5	12.7

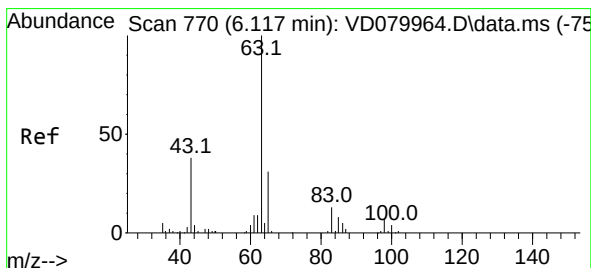
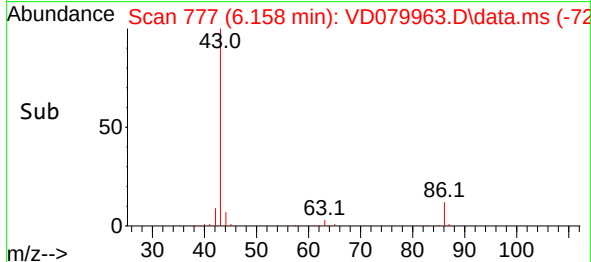
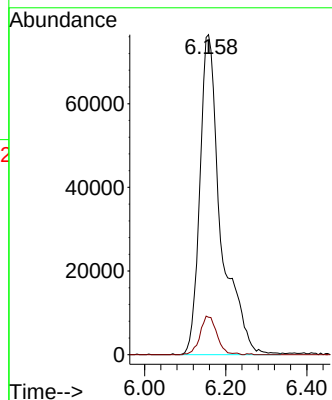
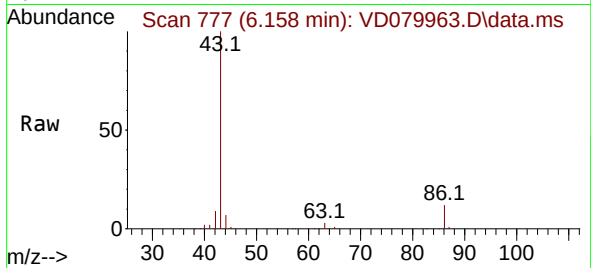




#23
 Vinyl Acetate
 Concen: 95.740 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. -0.000 min
 Lab File: VD079963.D
 Acq: 11 Oct 2024 11:23

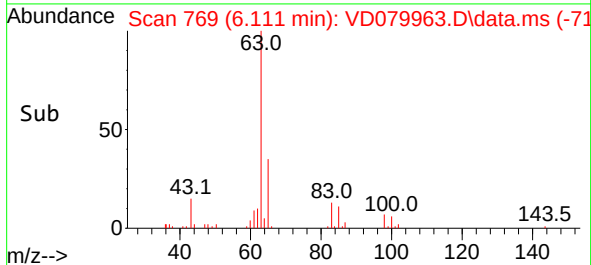
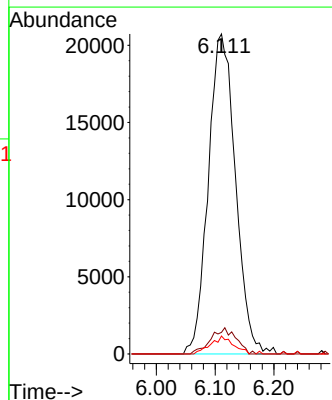
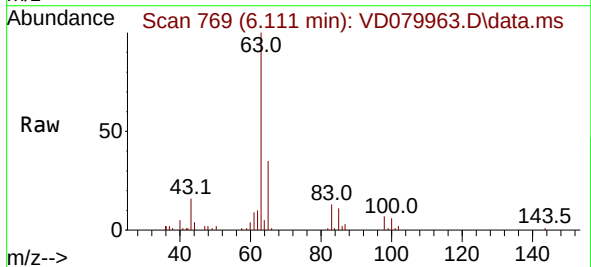
Instrument :
 MSVOA_D
 ClientSampleId :

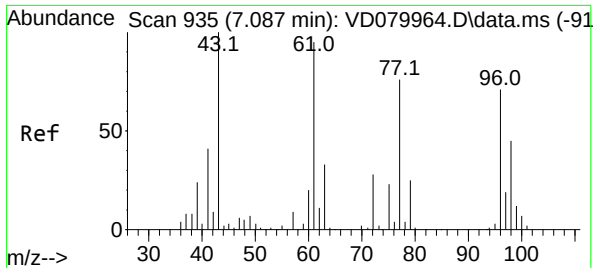
Tgt Ion: 43 Resp: 275590
 Ion Ratio Lower Upper
 43 100
 86 11.7 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 19.721 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD079963.D
 Acq: 11 Oct 2024 11:23

Tgt Ion: 63 Resp: 66564
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.6
 100 5.6 2.1 6.5

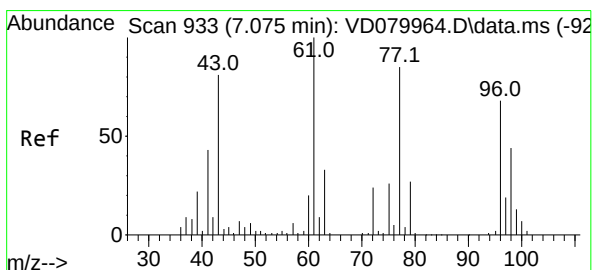
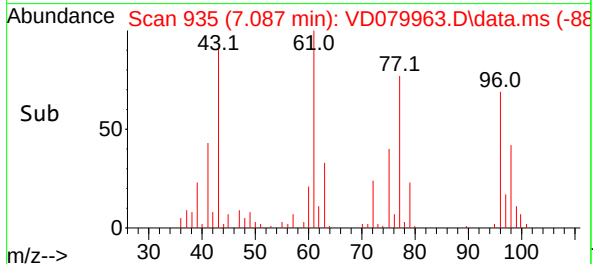
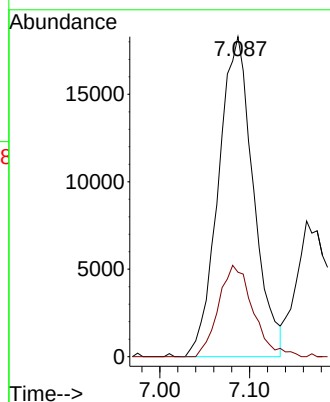
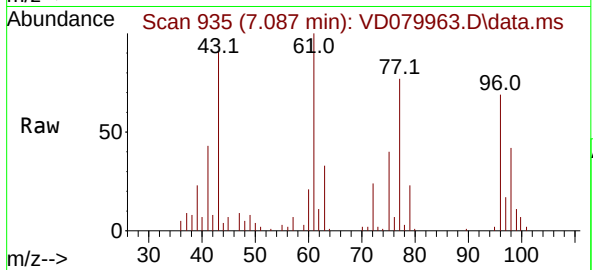




#25
2-Butanone
Concen: 93.289 ug/l
RT: 7.087 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

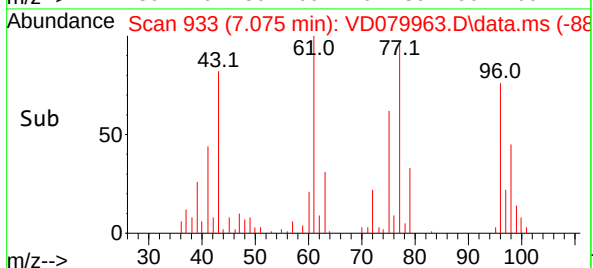
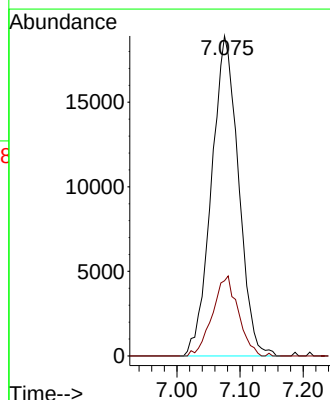
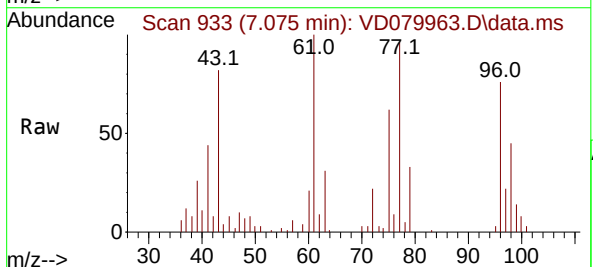
Instrument :
MSVOA_D
ClientSampleId :

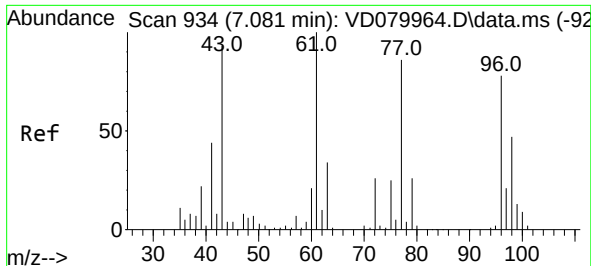
Tgt Ion: 43 Resp: 49580
Ion Ratio Lower Upper
43 100
72 26.4 22.3 33.5



#26
2,2-Dichloropropane
Concen: 19.266 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

Tgt Ion: 77 Resp: 56264
Ion Ratio Lower Upper
77 100
97 23.8 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 19.500 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD079963.D

Acq: 11 Oct 2024 11:23

Instrument :

MSVOA_D

ClientSampleId :

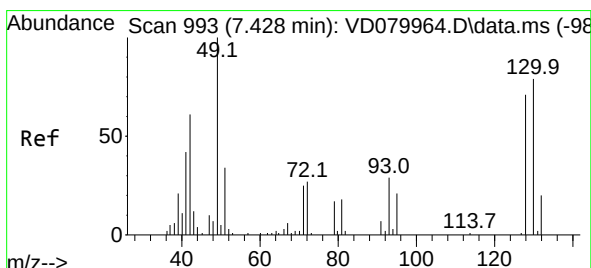
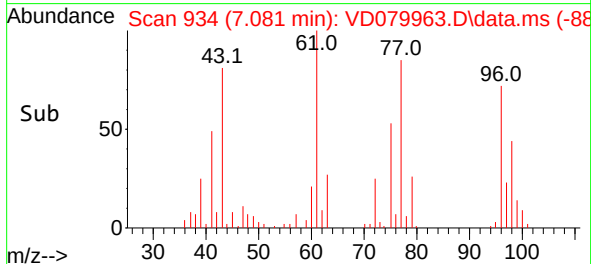
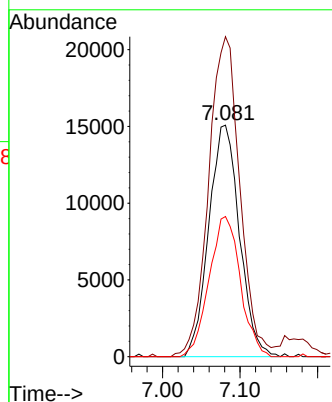
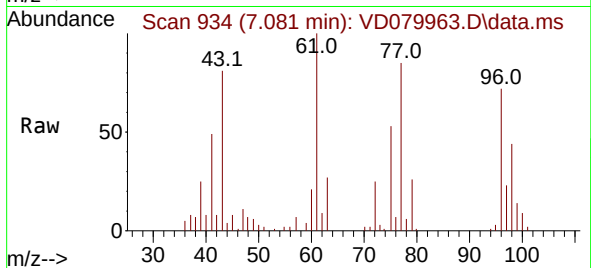
Tgt Ion: 96 Resp: 41413

Ion Ratio Lower Upper

96 100

61 140.9 0.0 278.2

98 61.7 0.0 127.8



#28

Bromochloromethane

Concen: 20.751 ug/l

RT: 7.428 min Scan# 993

Delta R.T. -0.000 min

Lab File: VD079963.D

Acq: 11 Oct 2024 11:23

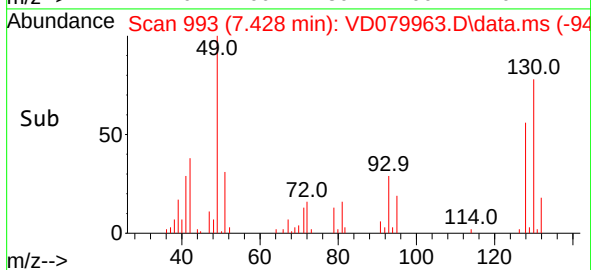
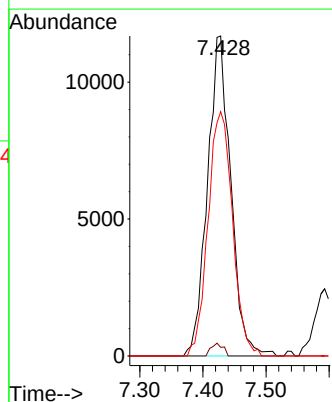
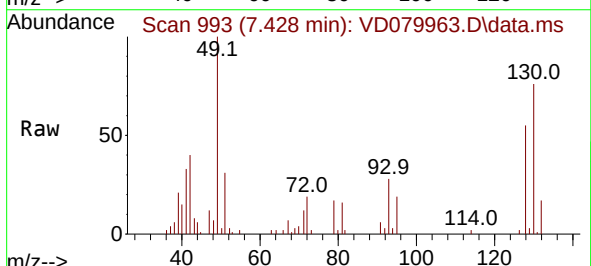
Tgt Ion: 49 Resp: 29895

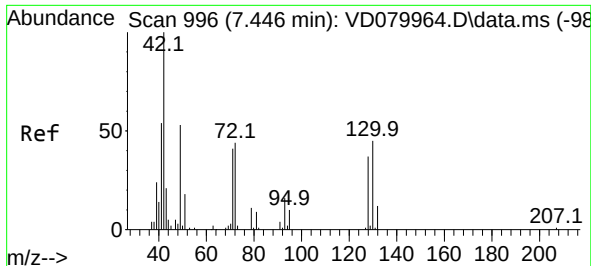
Ion Ratio Lower Upper

49 100

129 2.0 0.0 2.2

130 80.4 64.6 97.0





#29

Tetrahydrofuran

Concen: 91.695 ug/l

RT: 7.452 min Scan# 996

Delta R.T. 0.006 min

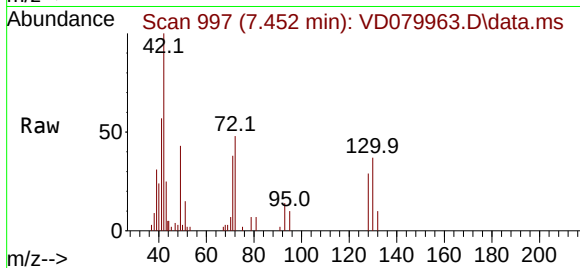
Lab File: VD079963.D

Acq: 11 Oct 2024 11:23

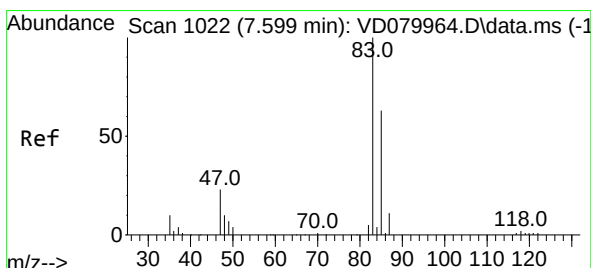
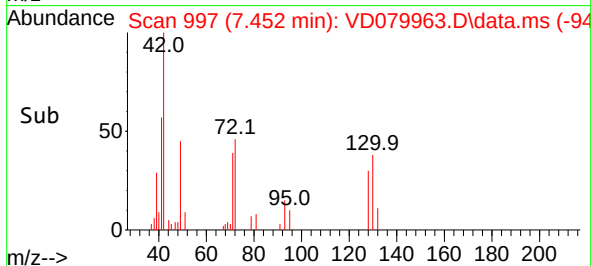
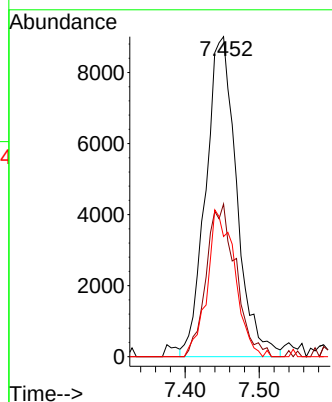
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	42	Resp:	26063
Ion	Ratio	Lower	Upper
42	100		
72	45.8	36.7	55.1
71	41.1	34.4	51.6



#30

Chloroform

Concen: 19.968 ug/l

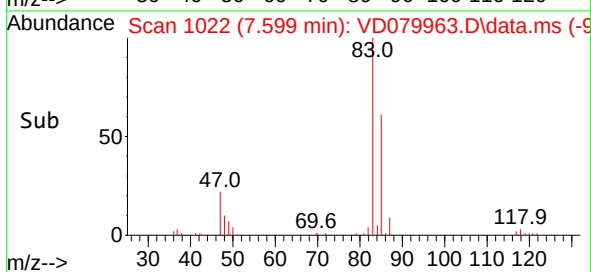
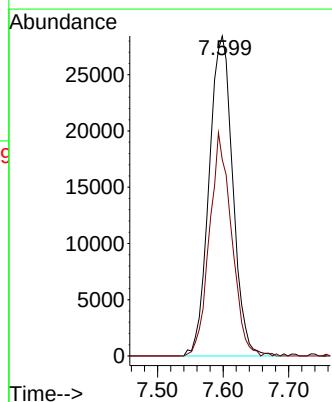
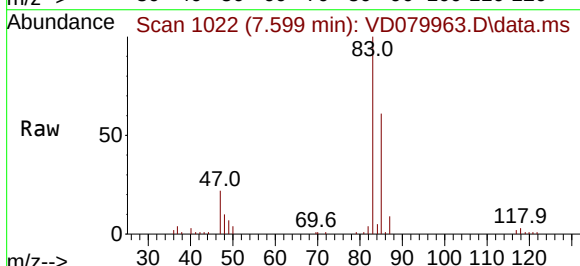
RT: 7.599 min Scan# 1022

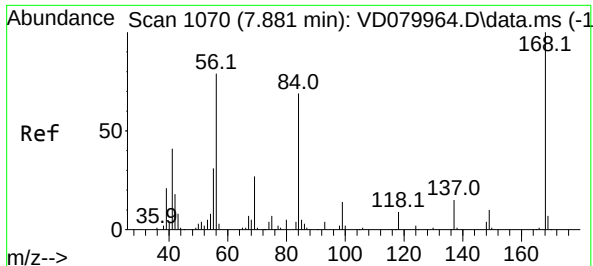
Delta R.T. -0.000 min

Lab File: VD079963.D

Acq: 11 Oct 2024 11:23

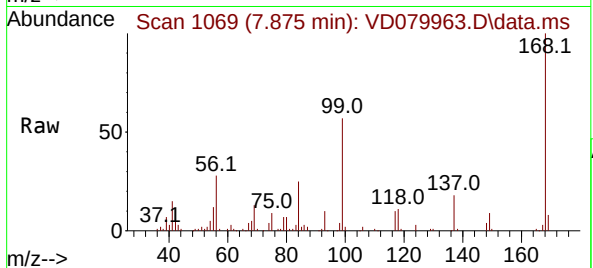
Tgt Ion:	83	Resp:	71394
Ion	Ratio	Lower	Upper
83	100		
85	61.3	50.8	76.2



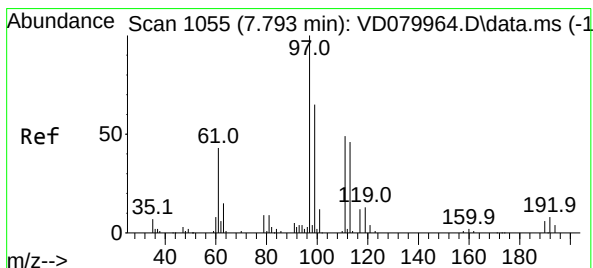
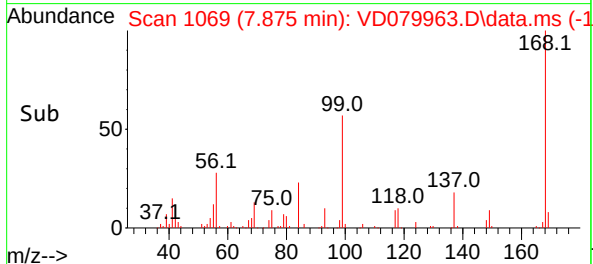
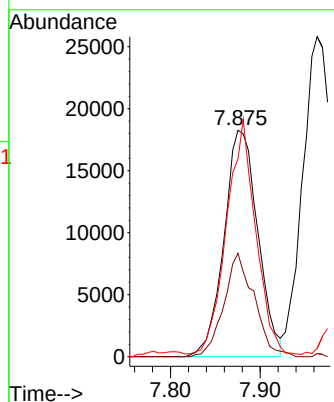


#31
Cyclohexane
Concen: 18.667 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

Instrument :
MSVOA_D
ClientSampleId :

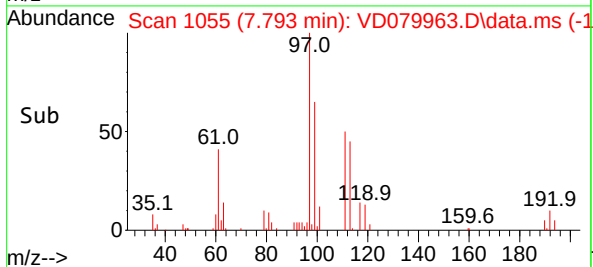
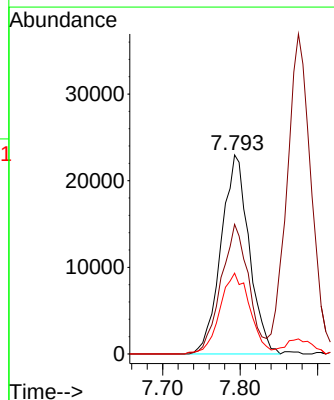
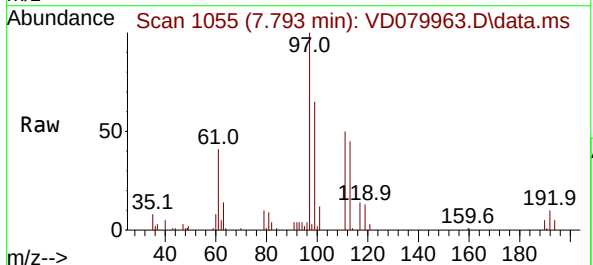


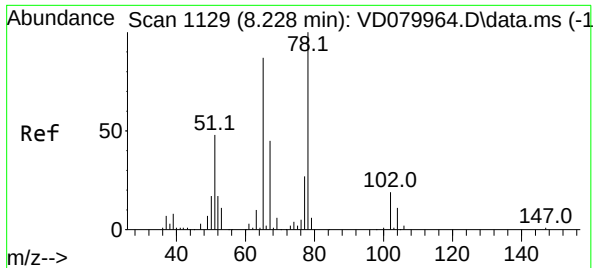
Tgt Ion: 56 Resp: 47761
Ion Ratio Lower Upper
56 100
69 45.6 27.3 40.9#
84 85.2 70.2 105.4



#32
1,1,1-Trichloroethane
Concen: 19.538 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

Tgt Ion: 97 Resp: 57867
Ion Ratio Lower Upper
97 100
99 64.3 50.7 76.1
61 43.3 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 20.171 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD079963.D

Acq: 11 Oct 2024 11:23

Instrument :

MSVOA_D

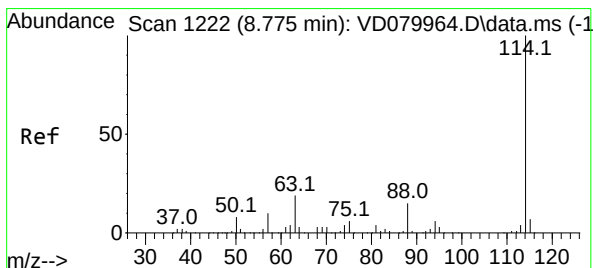
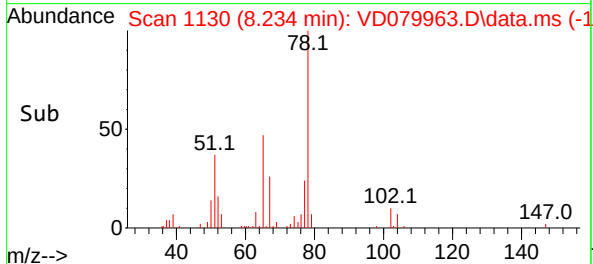
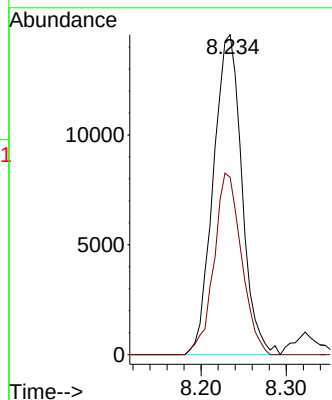
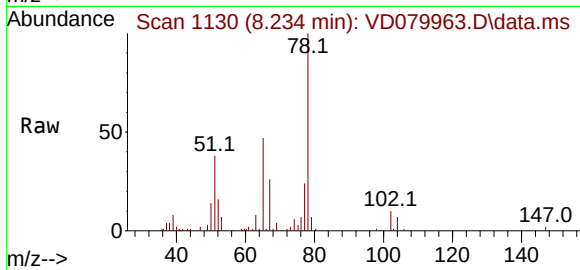
ClientSampleId :

Tgt Ion: 65 Resp: 33964

Ion Ratio Lower Upper

65 100

67 54.6 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: VD079963.D

Acq: 11 Oct 2024 11:23

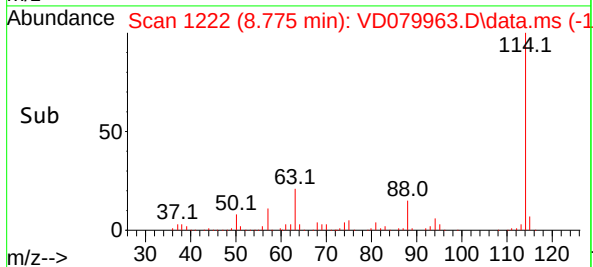
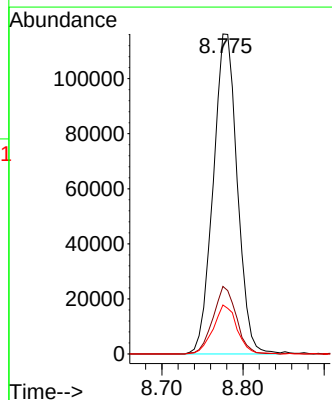
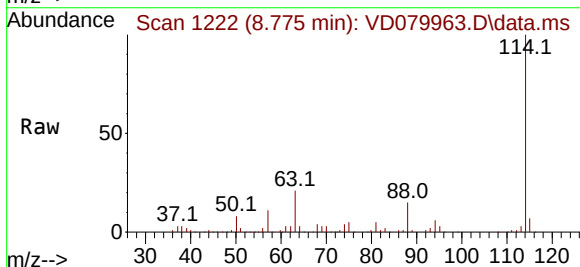
Tgt Ion: 114 Resp: 239451

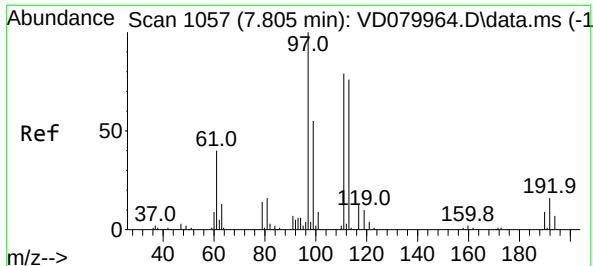
Ion Ratio Lower Upper

114 100

63 21.1 0.0 38.8

88 15.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 20.481 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079963.D

Acq: 11 Oct 2024 11:23

Instrument :

MSVOA_D

ClientSampleId :

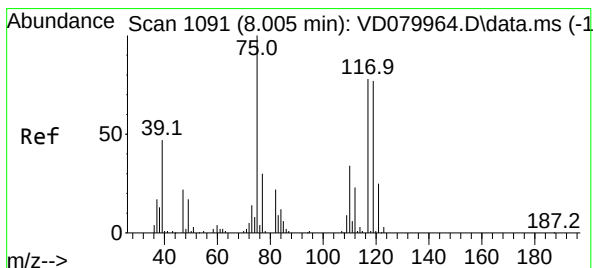
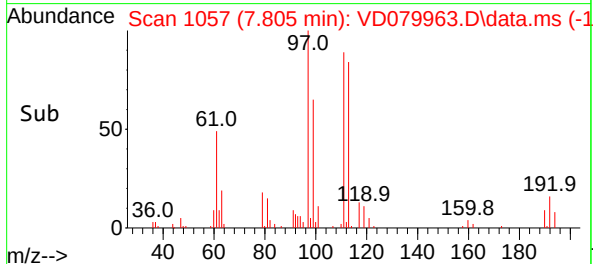
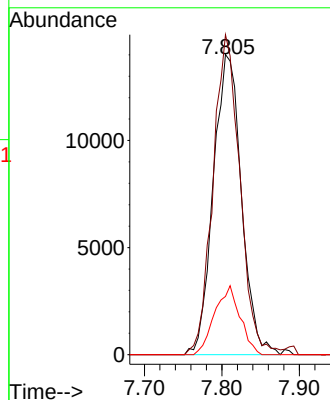
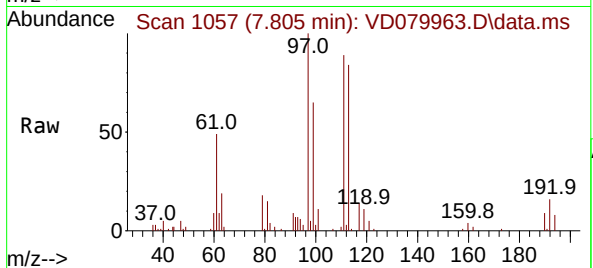
Tgt Ion:113 Resp: 35397

Ion Ratio Lower Upper

113 100

111 102.1 82.5 123.7

192 20.7 16.6 25.0



#36

1,1-Dichloropropene

Concen: 18.770 ug/l

RT: 8.005 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VD079963.D

Acq: 11 Oct 2024 11:23

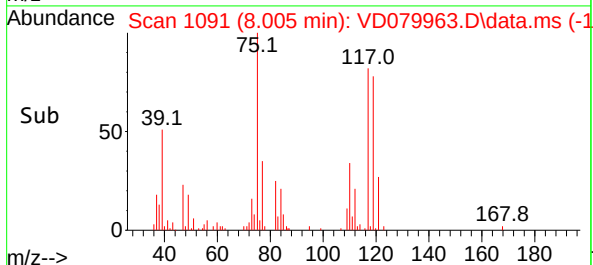
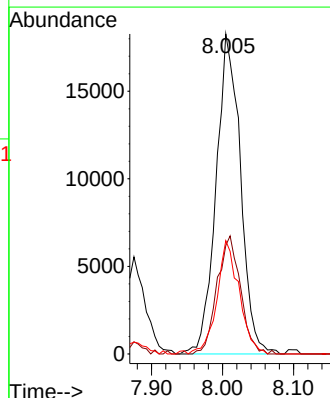
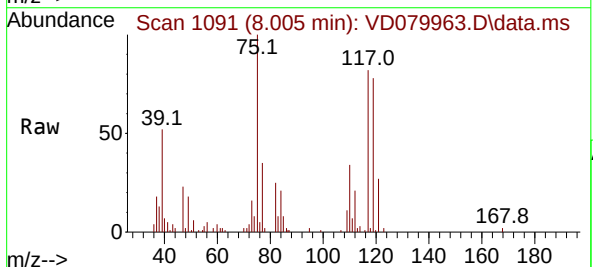
Tgt Ion: 75 Resp: 43477

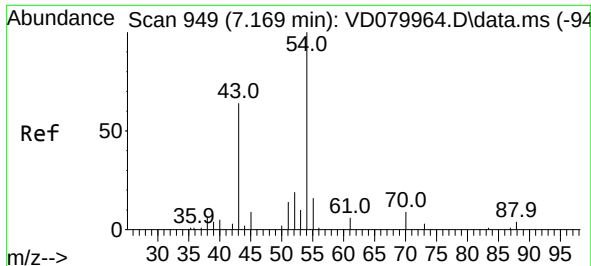
Ion Ratio Lower Upper

75 100

110 35.6 18.4 55.0

77 32.3 25.6 38.4

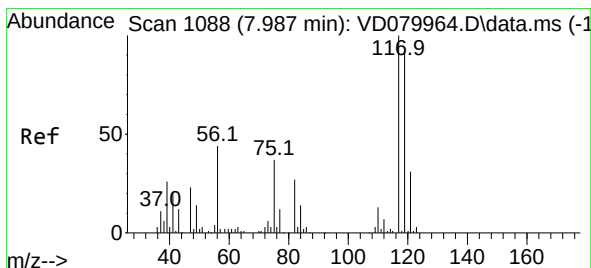
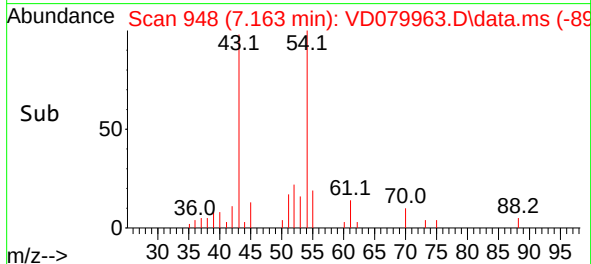
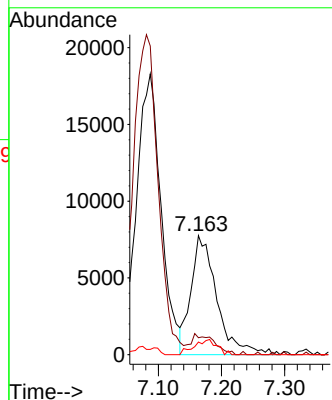
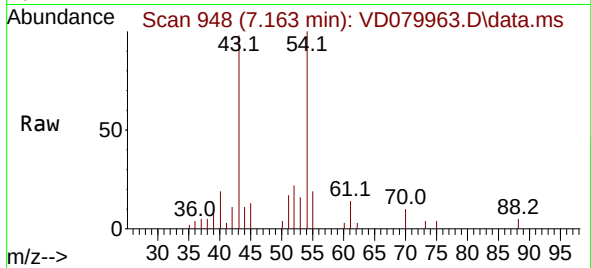




#37
Ethyl Acetate
Concen: 19.735 ug/l
RT: 7.163 min Scan# 949
Delta R.T. -0.006 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

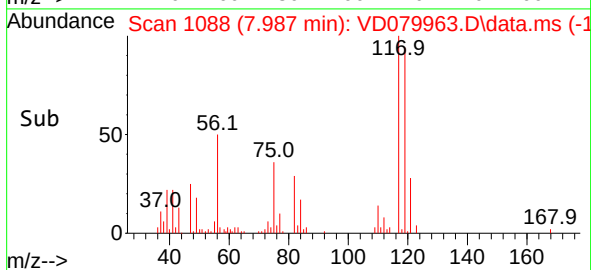
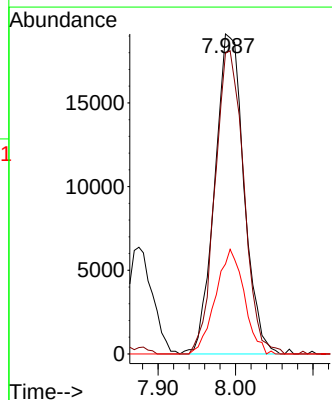
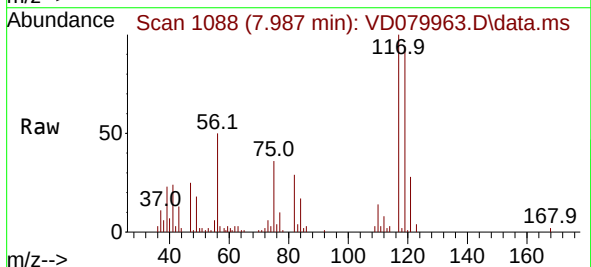
Instrument :
MSVOA_D
ClientSampleId :

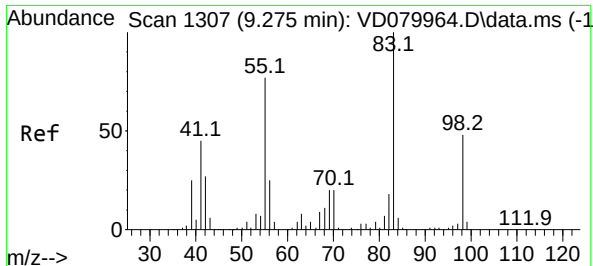
Tgt Ion: 43 Resp: 22131
Ion Ratio Lower Upper
43 100
61 15.8 11.0 16.4
70 0.0 9.4 14.2#



#38
Carbon Tetrachloride
Concen: 19.437 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

Tgt Ion: 117 Resp: 50032
Ion Ratio Lower Upper
117 100
119 94.0 73.4 110.0
121 28.1 24.5 36.7





#39

Methylcyclohexane

Concen: 17.929 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD079963.D

Acq: 11 Oct 2024 11:23

Instrument :

MSVOA_D

ClientSampleId :

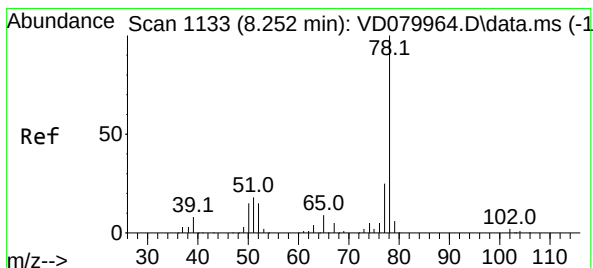
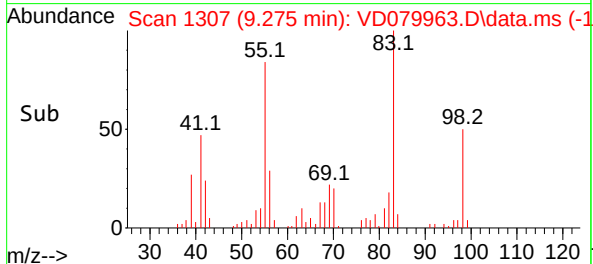
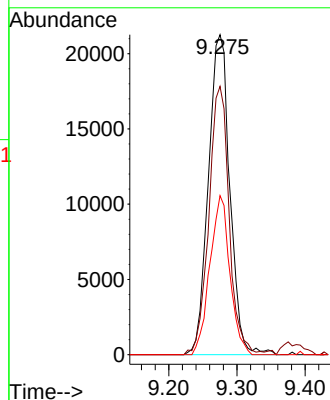
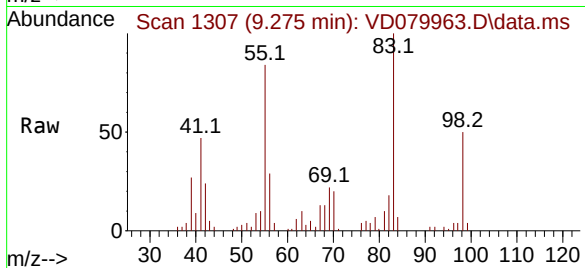
Tgt Ion: 83 Resp: 46604

Ion Ratio Lower Upper

83 100

55 83.9 62.0 93.0

98 49.7 38.7 58.1



#40

Benzene

Concen: 18.971 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD079963.D

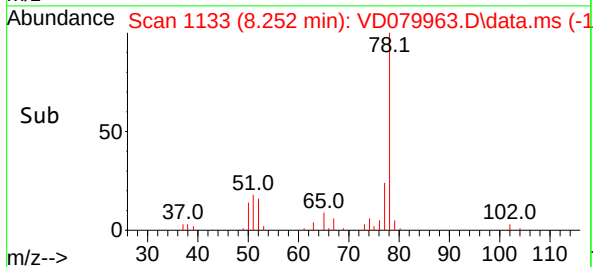
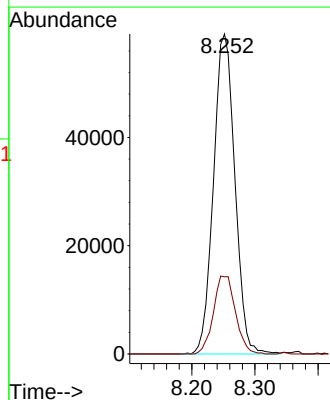
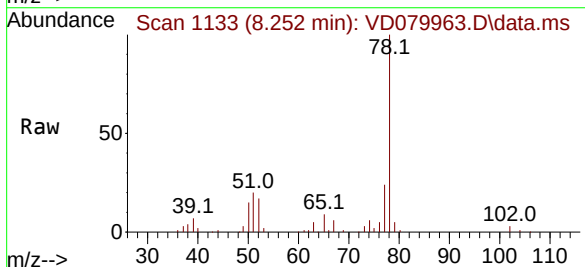
Acq: 11 Oct 2024 11:23

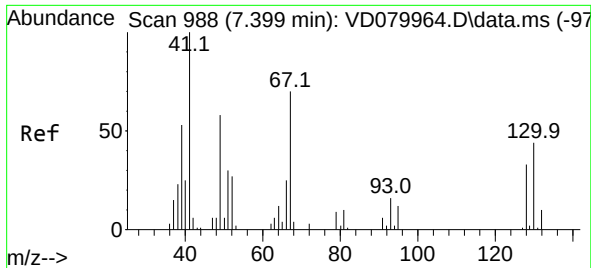
Tgt Ion: 78 Resp: 138968

Ion Ratio Lower Upper

78 100

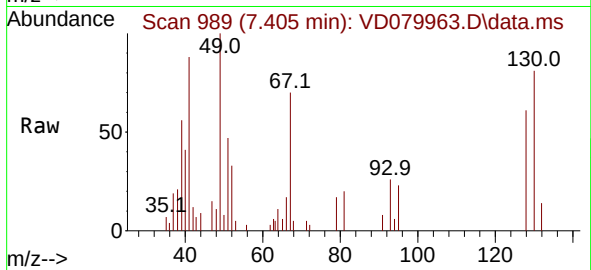
77 24.1 20.2 30.4



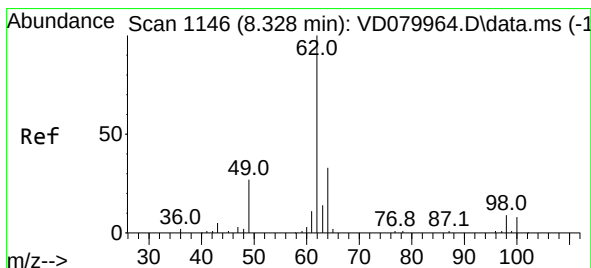
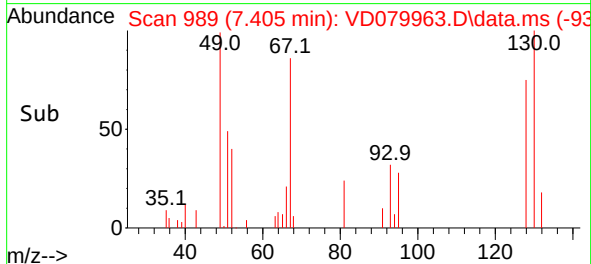
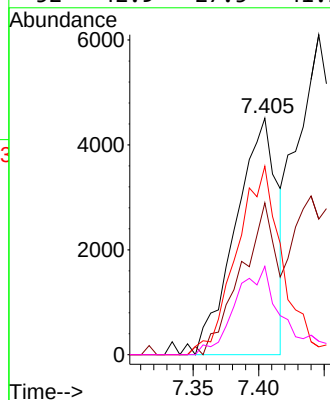


#41
Methacrylonitrile
Concen: 16.973 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

Instrument :
MSVOA_D
ClientSampleId :

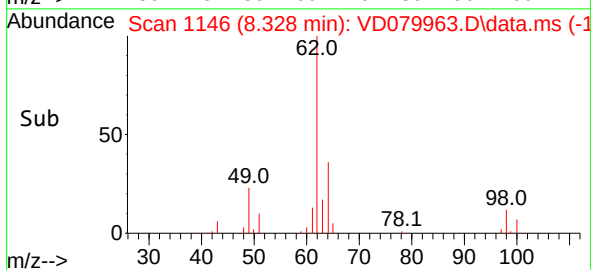
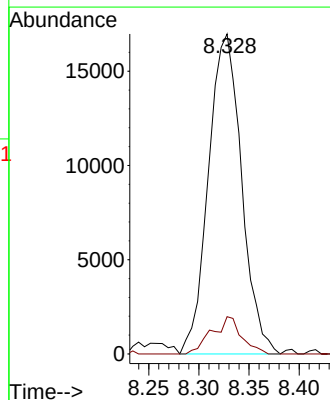
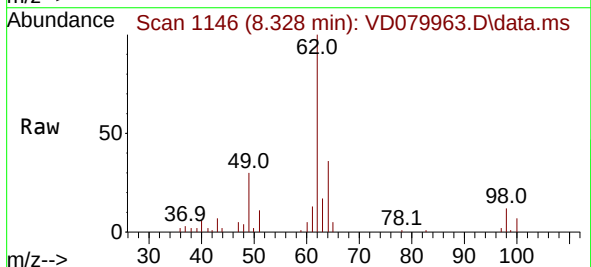


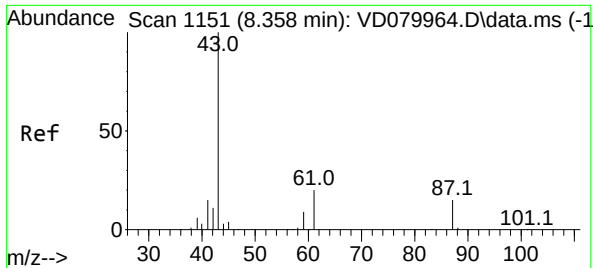
Tgt Ion:	41	Resp:	9996
Ion	Ratio	Lower	Upper
41	100		
39	54.5	47.8	71.8
67	86.1	64.9	97.3
52	42.9	27.5	41.3



#42
1,2-Dichloroethane
Concen: 19.408 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

Tgt Ion:	62	Resp:	39097
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	19.8

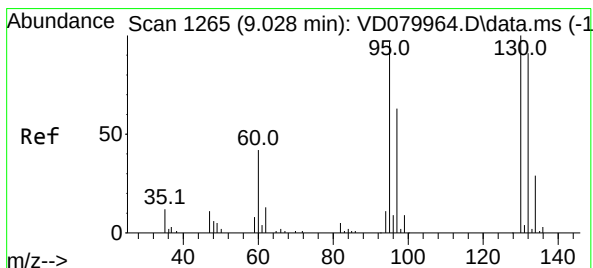
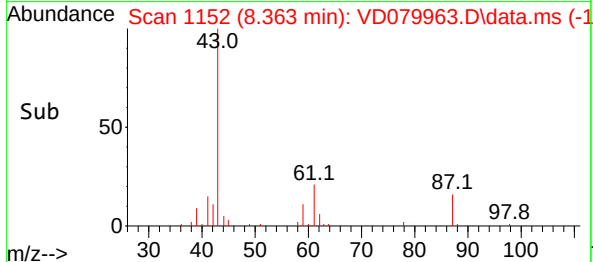
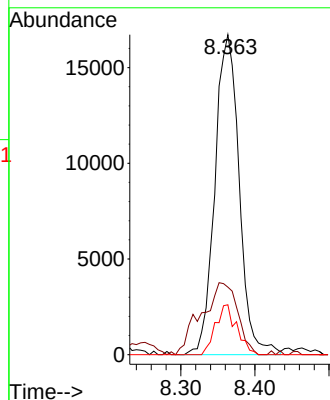
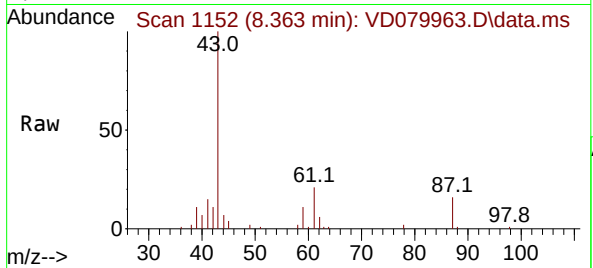




#43
Isopropyl Acetate
Concen: 18.462 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.006 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

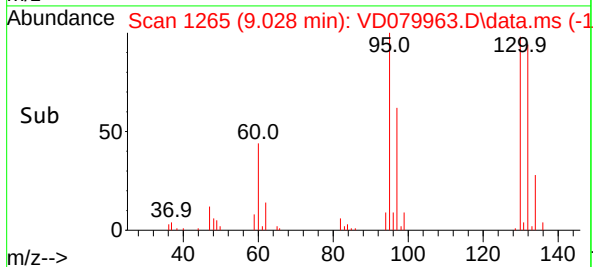
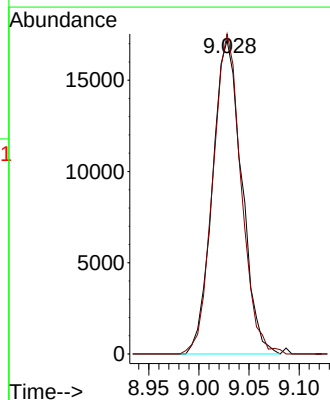
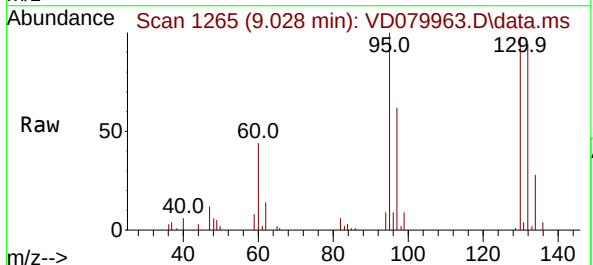
Instrument :
MSVOA_D
ClientSampleId :

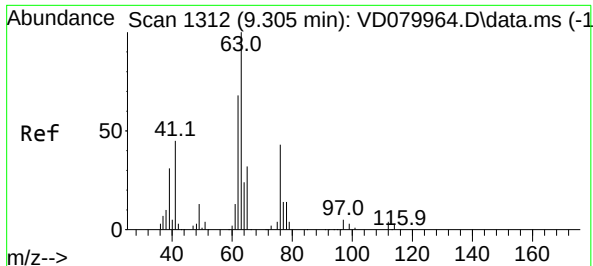
Tgt Ion: 43 Resp: 38143
Ion Ratio Lower Upper
43 100
61 33.4 26.2 39.2
87 13.6 11.8 17.8



#44
Trichloroethene
Concen: 19.180 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

Tgt Ion:130 Resp: 34756
Ion Ratio Lower Upper
130 100
95 102.0 0.0 194.6





#45

1,2-Dichloropropane

Concen: 19.517 ug/l

RT: 9.305 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD079963.D

Acq: 11 Oct 2024 11:23

Instrument :

MSVOA_D

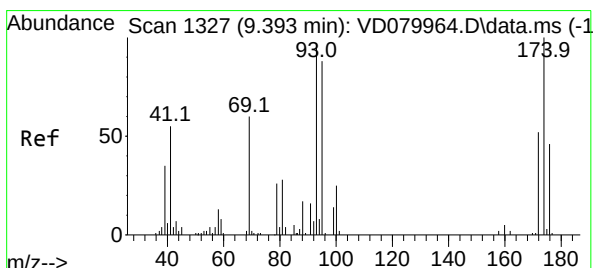
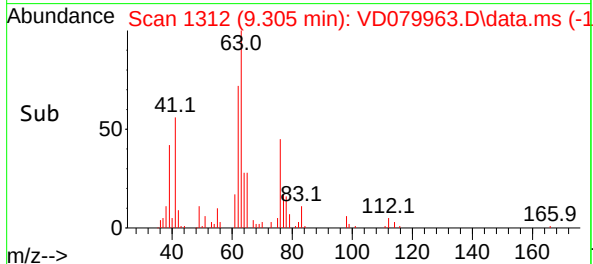
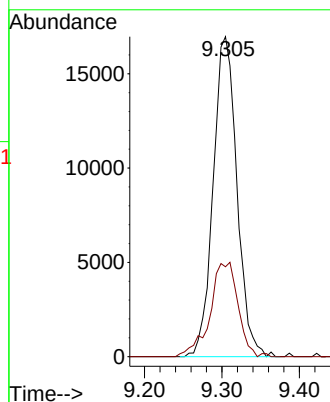
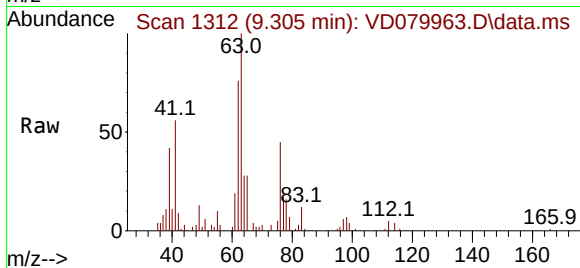
ClientSampleId :

Tgt Ion: 63 Resp: 36253

Ion Ratio Lower Upper

63 100

65 28.1 26.2 39.4



#46

Dibromomethane

Concen: 19.283 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD079963.D

Acq: 11 Oct 2024 11:23

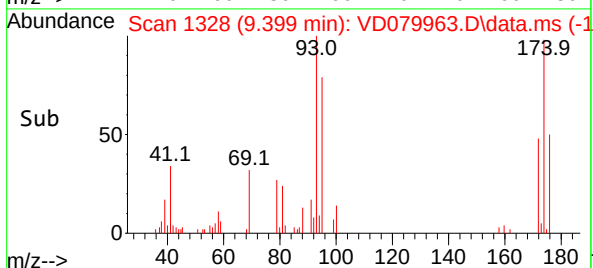
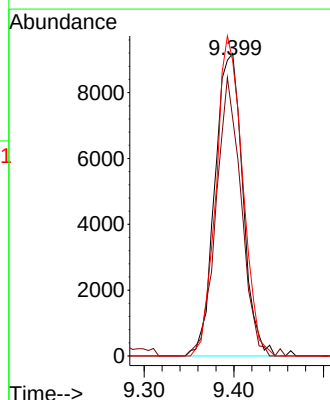
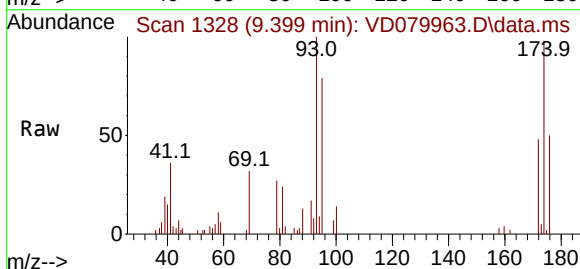
Tgt Ion: 93 Resp: 19763

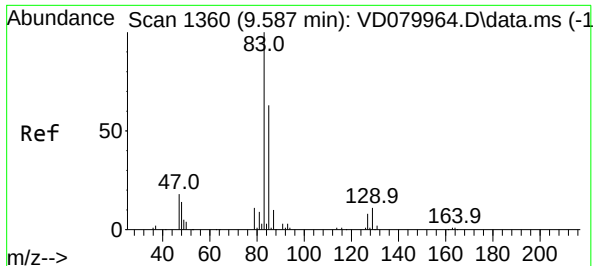
Ion Ratio Lower Upper

93 100

95 82.8 67.9 101.9

174 101.0 80.5 120.7





#47

Bromodichloromethane

Concen: 19.418 ug/l

RT: 9.581 min Scan# 1359

Delta R.T. -0.006 min

Lab File: VD079963.D

Acq: 11 Oct 2024 11:23

Instrument :

MSVOA_D

ClientSampleId :

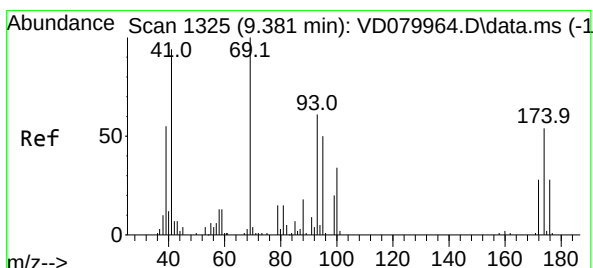
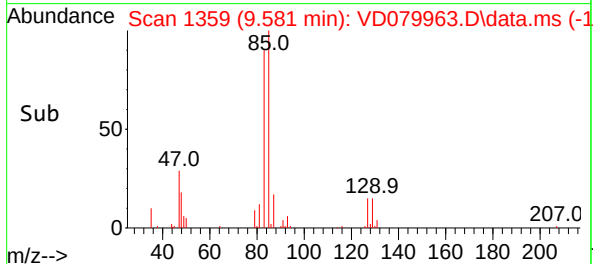
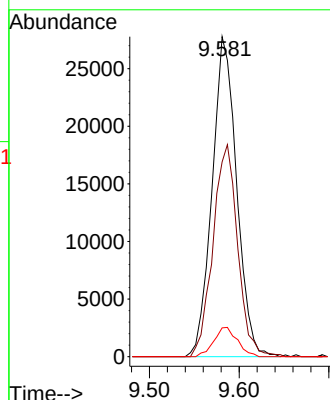
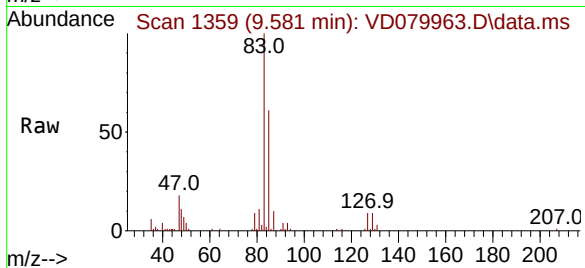
Tgt Ion: 83 Resp: 52782

Ion Ratio Lower Upper

83 100

85 60.8 50.6 75.8

127 9.0 6.1 9.1



#48

Methyl methacrylate

Concen: 16.516 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD079963.D

Acq: 11 Oct 2024 11:23

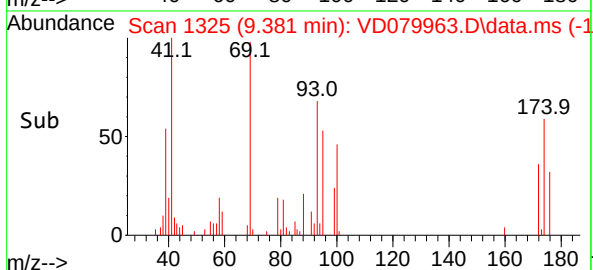
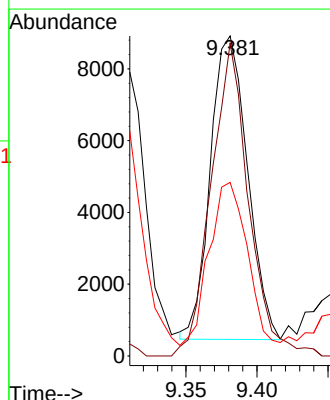
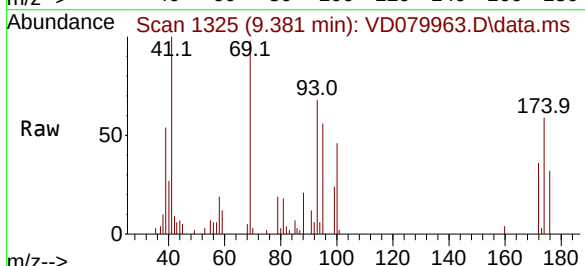
Tgt Ion: 41 Resp: 15370

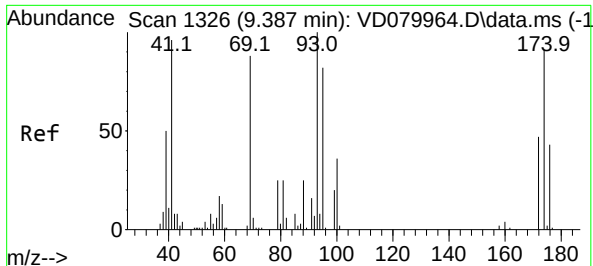
Ion Ratio Lower Upper

41 100

69 104.1 74.0 111.0

39 62.7 41.9 62.9





#49

1,4-Dioxane

Concen: 361.137 ug/l

RT: 9.381 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD079963.D

Acq: 11 Oct 2024 11:23

Instrument :

MSVOA_D

ClientSampleId :

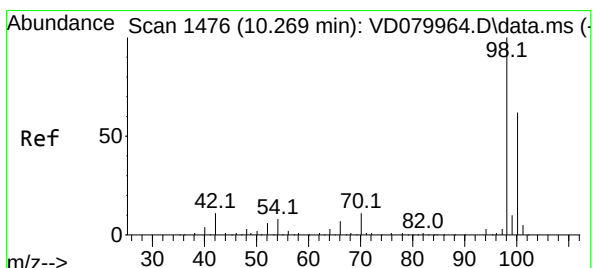
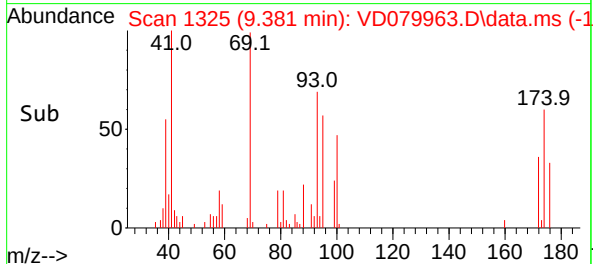
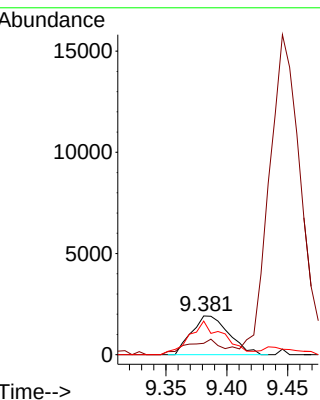
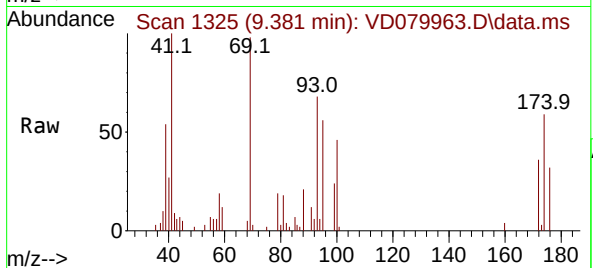
Tgt Ion: 88 Resp: 4067

Ion Ratio Lower Upper

88 100

43 33.9 29.1 43.7

58 79.7 59.9 89.9



#50

Toluene-d8

Concen: 20.378 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD079963.D

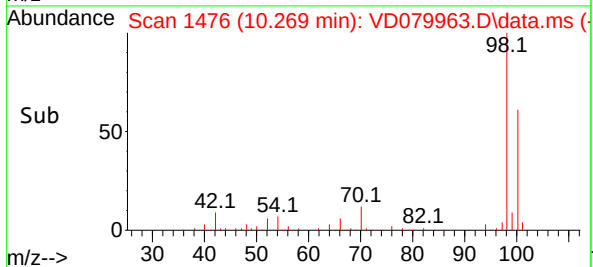
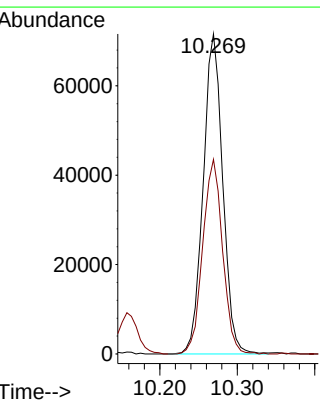
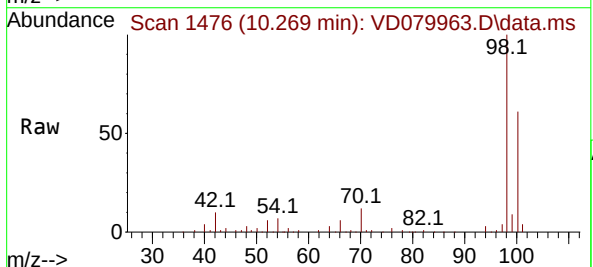
Acq: 11 Oct 2024 11:23

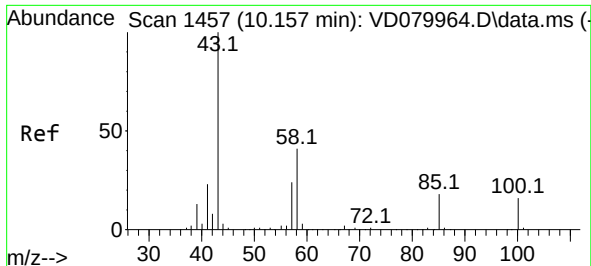
Tgt Ion: 98 Resp: 125506

Ion Ratio Lower Upper

98 100

100 61.7 50.2 75.4





#51

4-Methyl-2-Pentanone

Concen: 92.680 ug/l

RT: 10.157 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VD079963.D

Acq: 11 Oct 2024 11:23

Instrument :

MSVOA_D

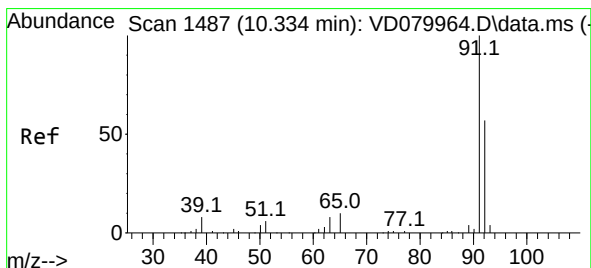
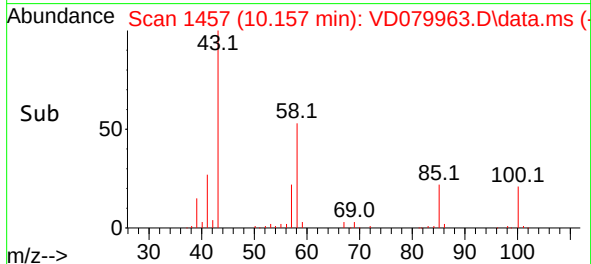
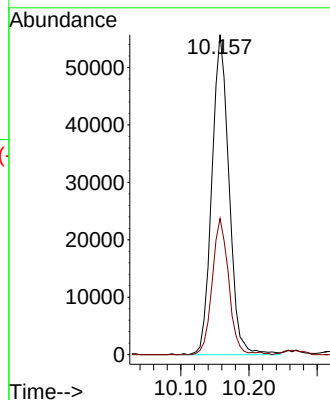
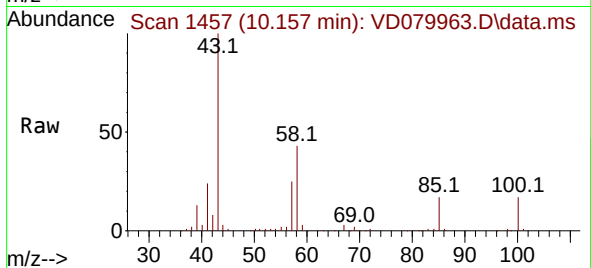
ClientSampleId :

Tgt Ion: 43 Resp: 97961

Ion Ratio Lower Upper

43 100

58 40.9 32.8 49.2



#52

Toluene

Concen: 19.390 ug/l

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD079963.D

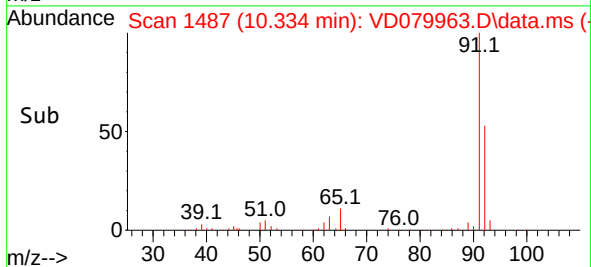
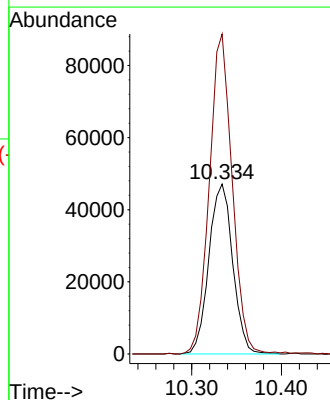
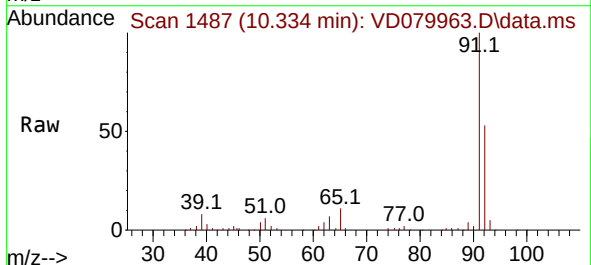
Acq: 11 Oct 2024 11:23

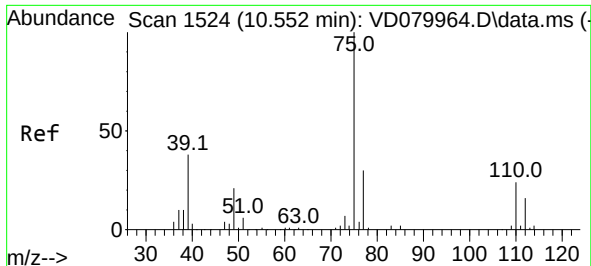
Tgt Ion: 92 Resp: 86963

Ion Ratio Lower Upper

92 100

91 181.0 139.3 208.9

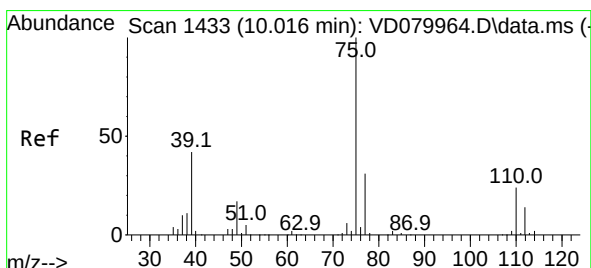
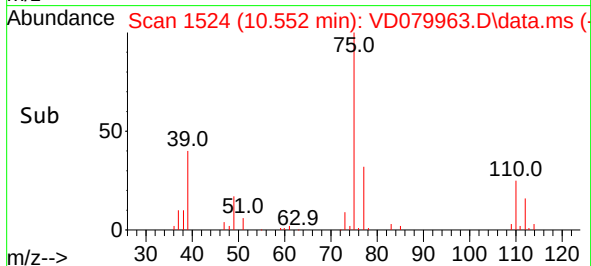
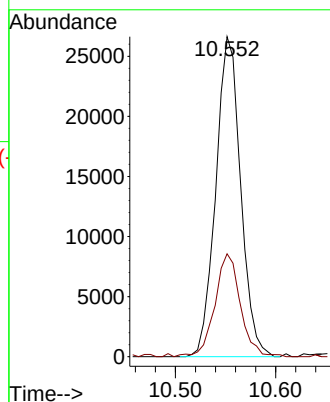
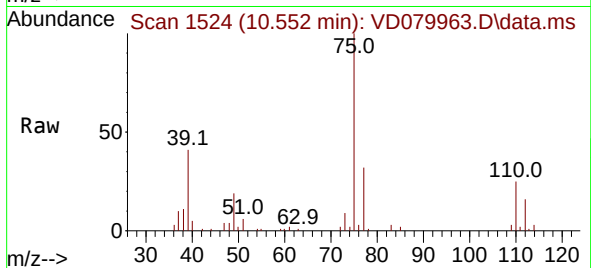




#53
t-1,3-Dichloropropene
Concen: 19.204 ug/l
RT: 10.552 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

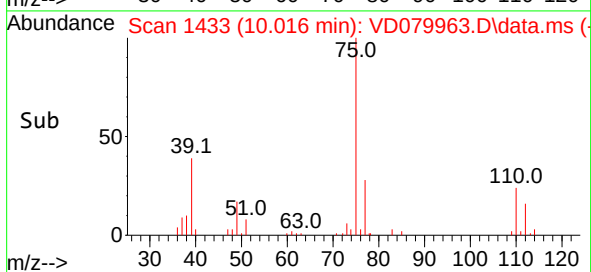
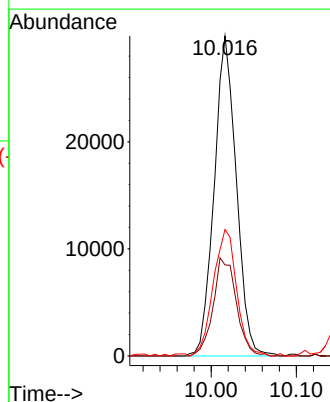
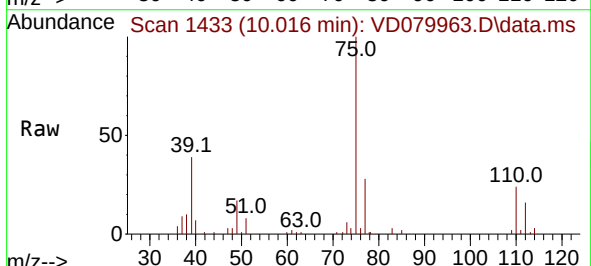
Instrument :
MSVOA_D
ClientSampleId :

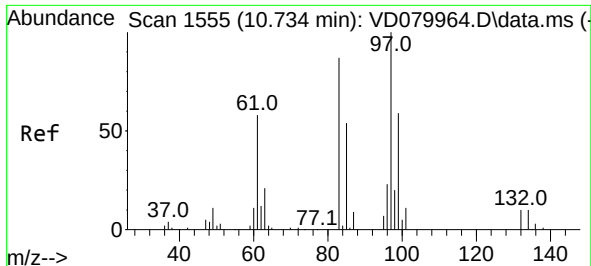
Tgt Ion: 75 Resp: 45708
Ion Ratio Lower Upper
75 100
77 31.6 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 19.169 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

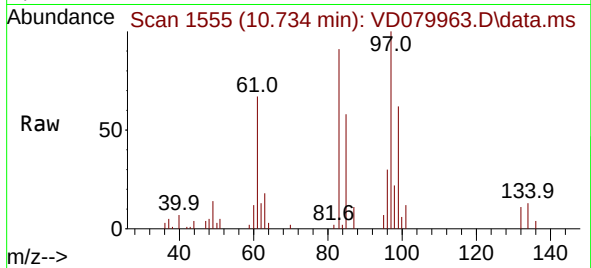
Tgt Ion: 75 Resp: 53838
Ion Ratio Lower Upper
75 100
77 28.5 25.0 37.4
39 38.8 33.2 49.8



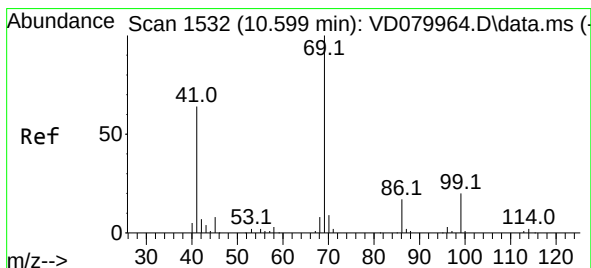
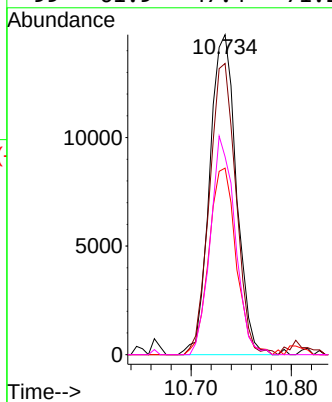
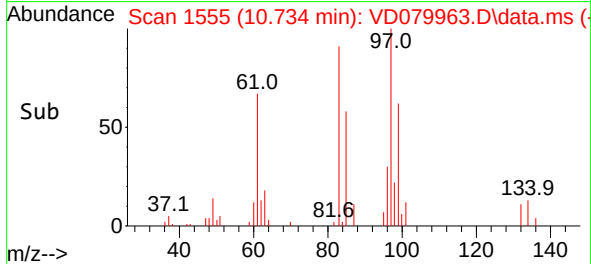


#55
1,1,2-Trichloroethane
Concen: 18.953 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

Instrument :
MSVOA_D
ClientSampleId :

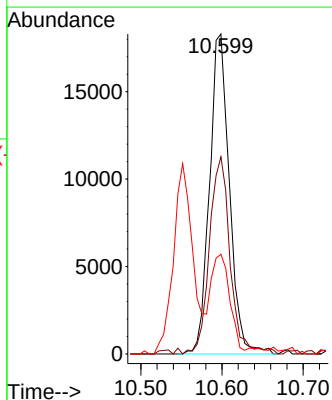
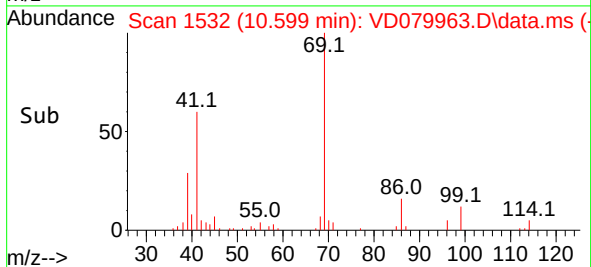
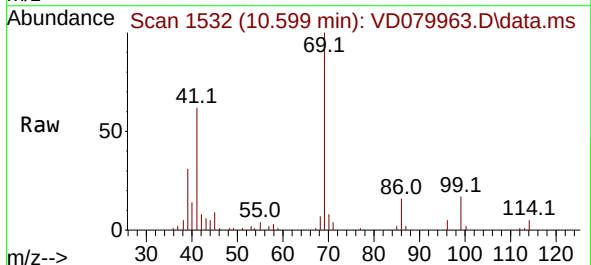


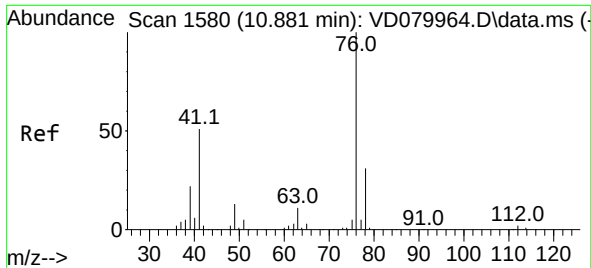
Tgt Ion:	97	Resp:	27285
Ion	Ratio	Lower	Upper
97	100		
83	91.0	69.2	103.8
85	58.3	43.0	64.6
99	61.9	47.4	71.2



#56
Ethyl methacrylate
Concen: 18.516 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

Tgt Ion:	69	Resp:	31141
Ion	Ratio	Lower	Upper
69	100		
41	64.1	50.4	75.6
39	27.4	26.0	39.0





#57

1,3-Dichloropropane

Concen: 19.151 ug/l

RT: 10.875 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD079963.D

Acq: 11 Oct 2024 11:23

Instrument :

MSVOA_D

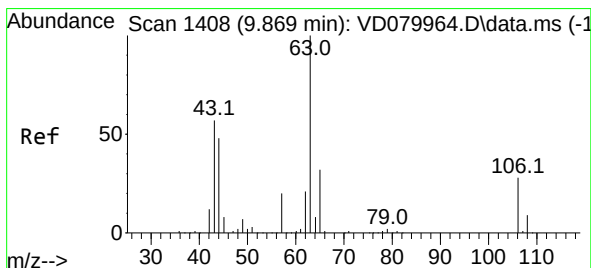
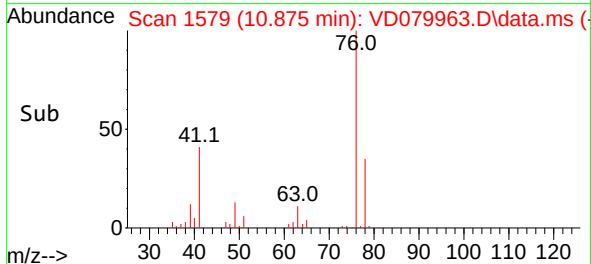
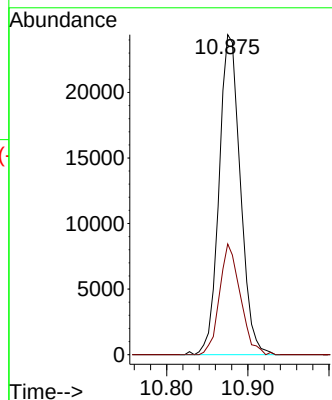
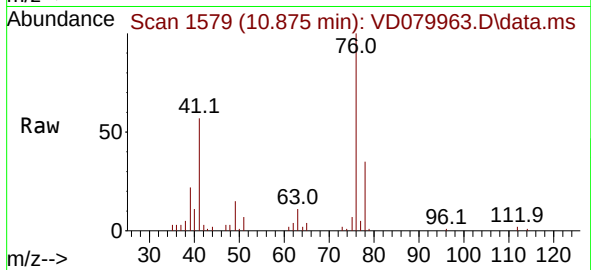
ClientSampleId :

Tgt Ion: 76 Resp: 44495

Ion Ratio Lower Upper

76 100

78 33.8 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 90.827 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD079963.D

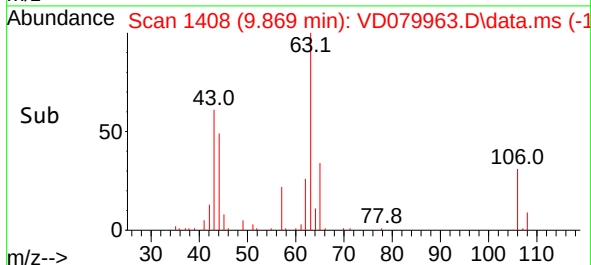
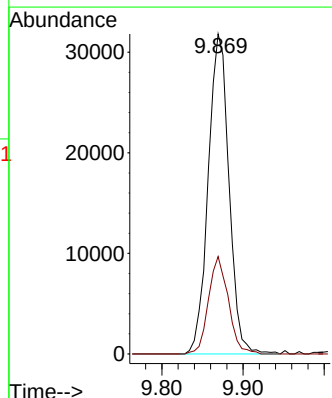
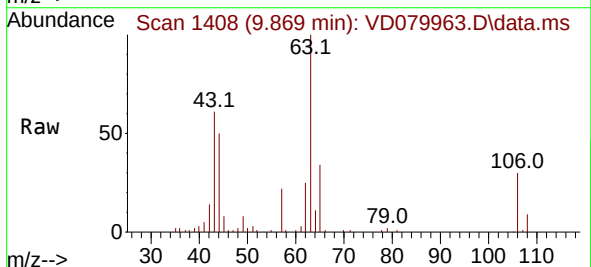
Acq: 11 Oct 2024 11:23

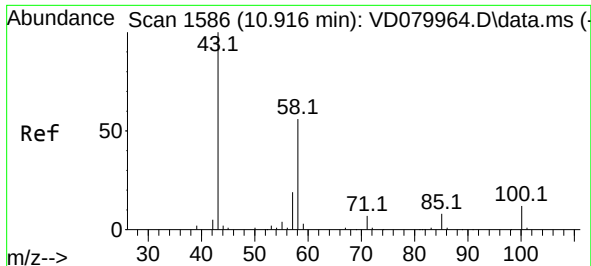
Tgt Ion: 63 Resp: 56525

Ion Ratio Lower Upper

63 100

106 29.1 21.8 32.6

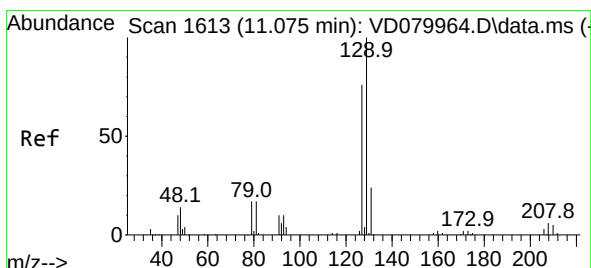
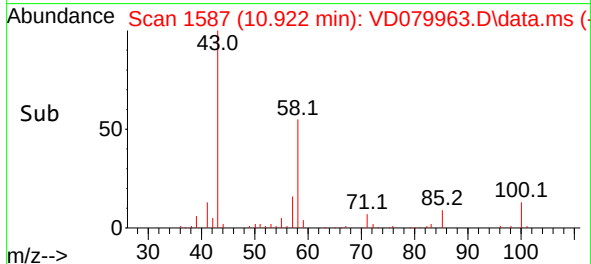
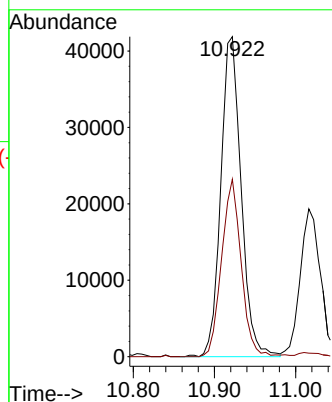
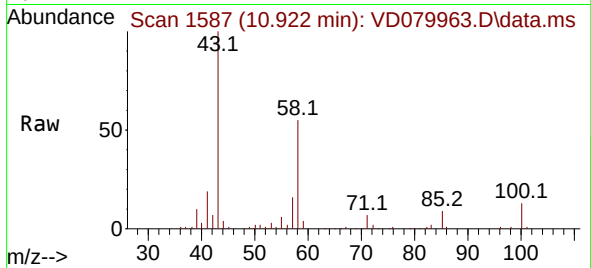




#59
2-Hexanone
Concen: 93.265 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

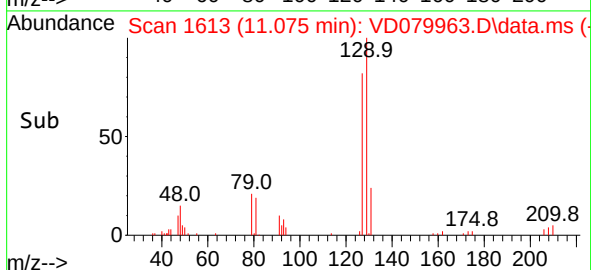
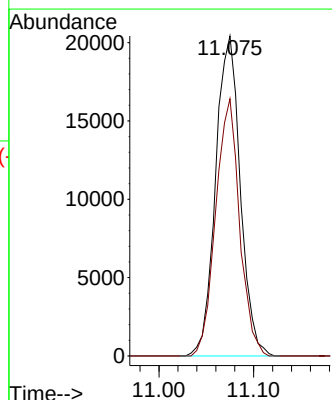
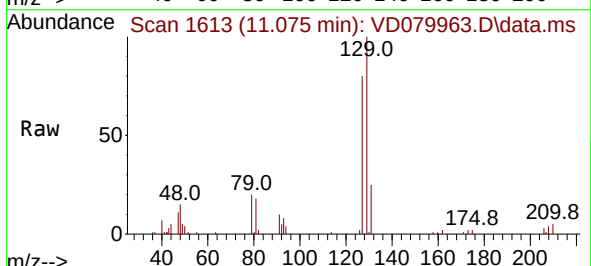
Instrument :
MSVOA_D
ClientSampleId :

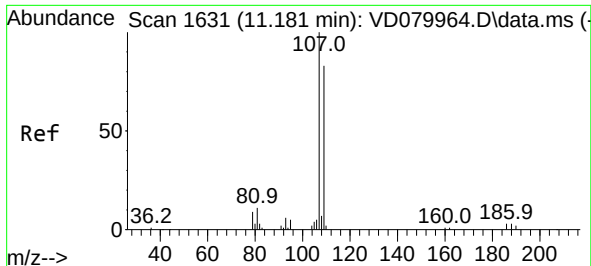
Tgt Ion: 43 Resp: 73011
Ion Ratio Lower Upper
43 100
58 53.3 27.8 83.4



#60
Dibromochloromethane
Concen: 19.765 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

Tgt Ion: 129 Resp: 36970
Ion Ratio Lower Upper
129 100
127 77.7 38.4 115.2

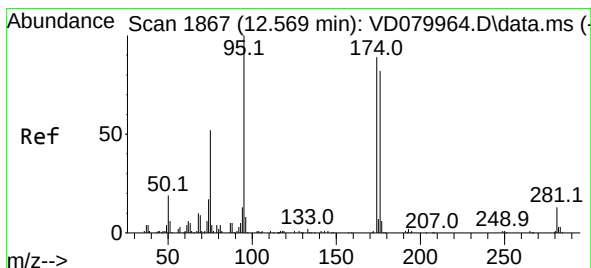
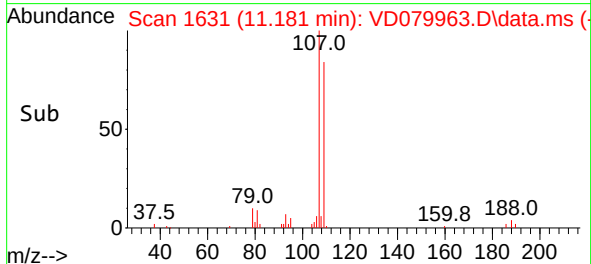
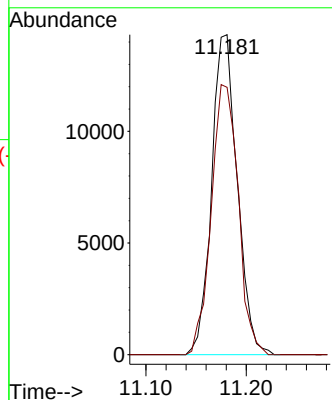
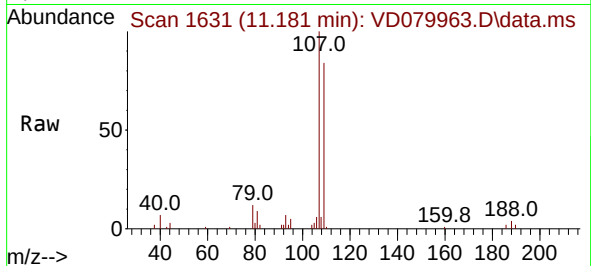




#61
1,2-Dibromoethane
Concen: 19.184 ug/l
RT: 11.181 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

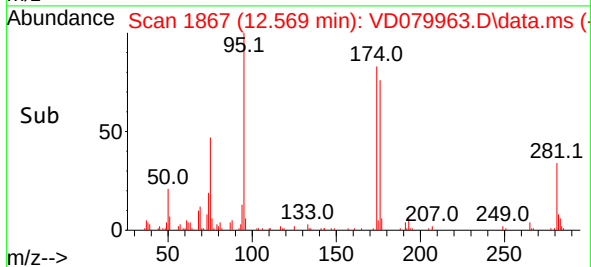
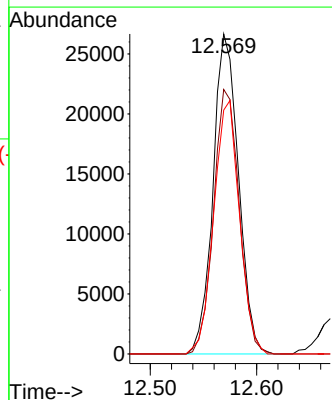
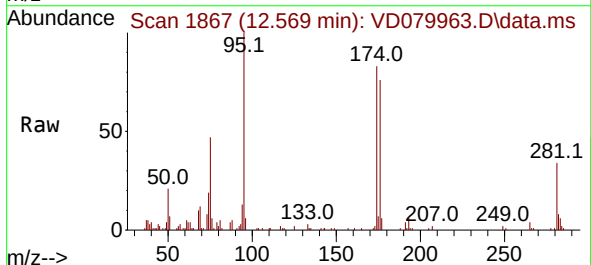
Instrument :
MSVOA_D
ClientSampleId :

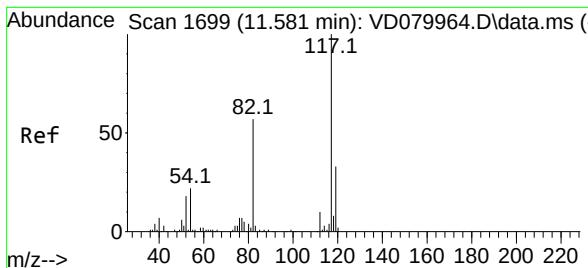
Tgt Ion:107 Resp: 25418
Ion Ratio Lower Upper
107 100
109 88.9 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 20.555 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

Tgt Ion: 95 Resp: 44192
Ion Ratio Lower Upper
95 100
174 83.1 0.0 173.4
176 80.3 0.0 166.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD079963.D

Acq: 11 Oct 2024 11:23

Instrument :

MSVOA_D

ClientSampleId :

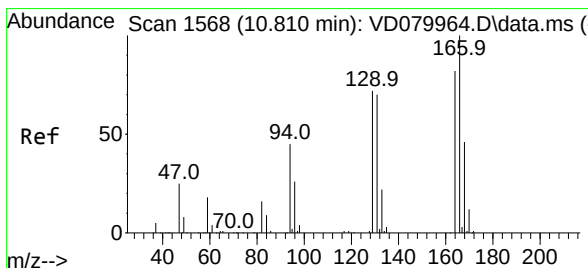
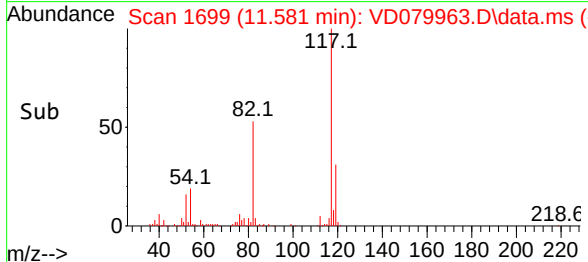
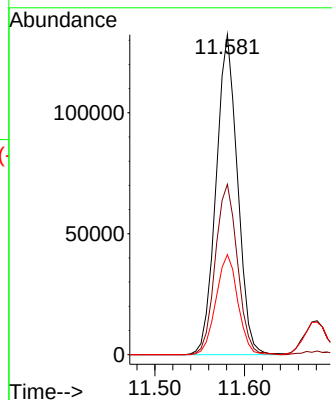
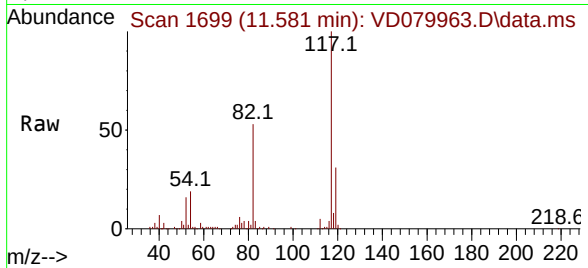
Tgt Ion:117 Resp: 219206

Ion Ratio Lower Upper

117 100

82 53.2 45.8 68.6

119 31.3 26.2 39.2



#64

Tetrachloroethene

Concen: 18.952 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD079963.D

Acq: 11 Oct 2024 11:23

Tgt Ion:164 Resp: 29303

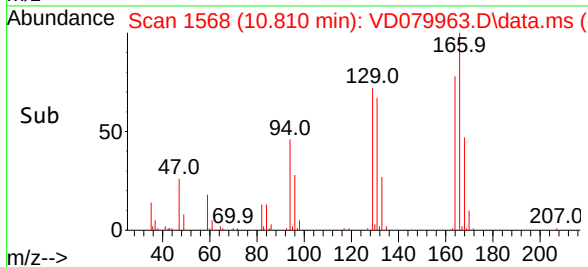
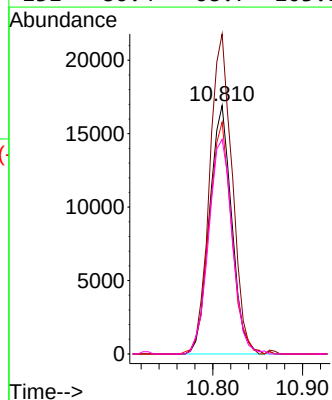
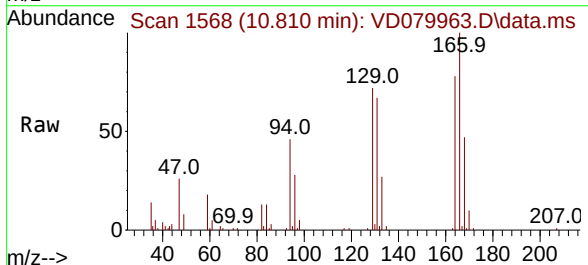
Ion Ratio Lower Upper

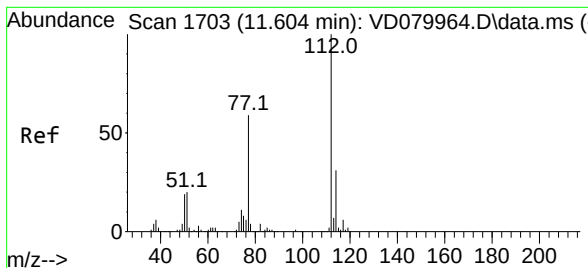
164 100

166 128.8 97.5 146.3

129 93.3 70.6 106.0

131 86.4 68.7 103.1





#65

Chlorobenzene

Concen: 19.399 ug/l

RT: 11.604 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VD079963.D

Acq: 11 Oct 2024 11:23

Instrument :

MSVOA_D

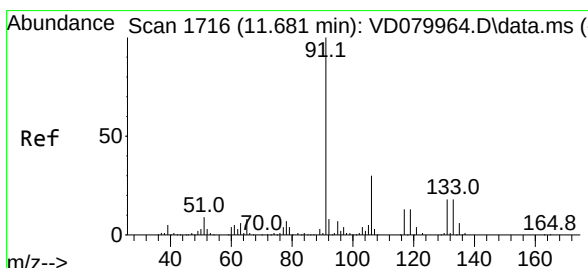
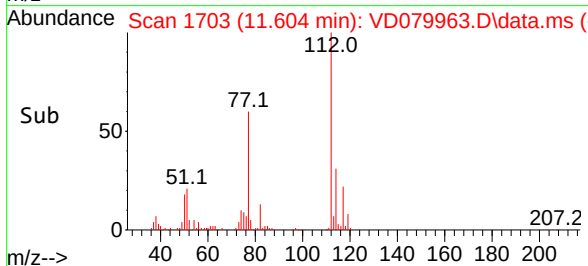
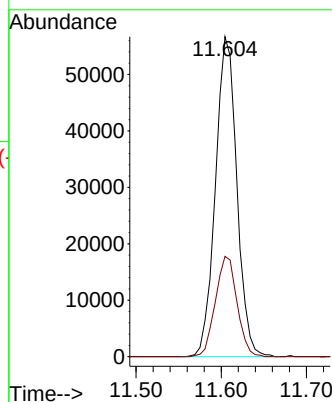
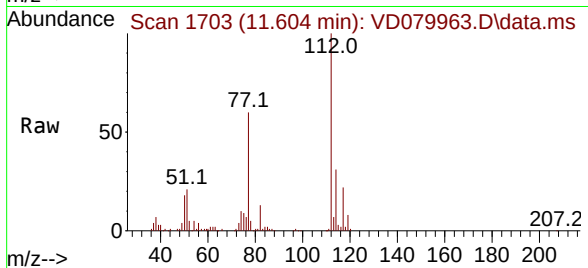
ClientSampleId :

Tgt Ion:112 Resp: 98965

Ion Ratio Lower Upper

112 100

114 31.4 24.6 37.0



#66

1,1,1,2-Tetrachloroethane

Concen: 19.121 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD079963.D

Acq: 11 Oct 2024 11:23

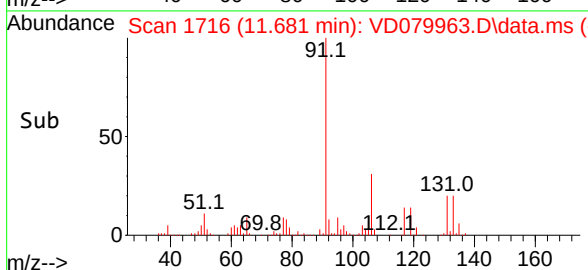
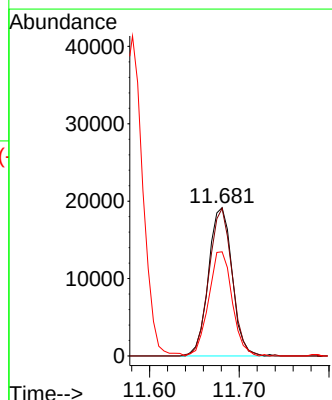
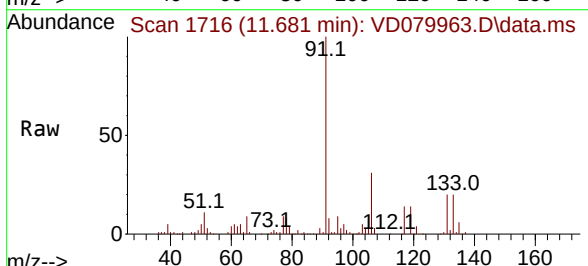
Tgt Ion:131 Resp: 35043

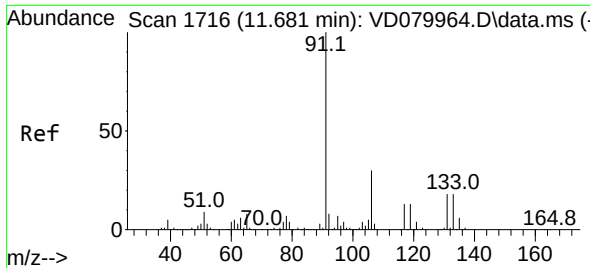
Ion Ratio Lower Upper

131 100

133 97.1 48.8 146.4

119 70.1 34.8 104.3

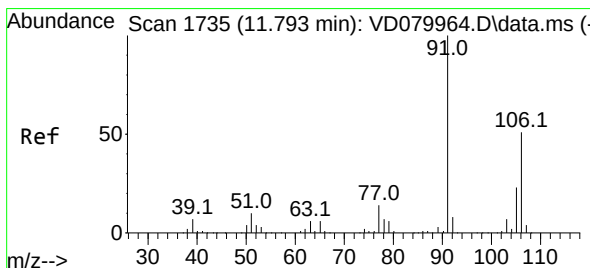
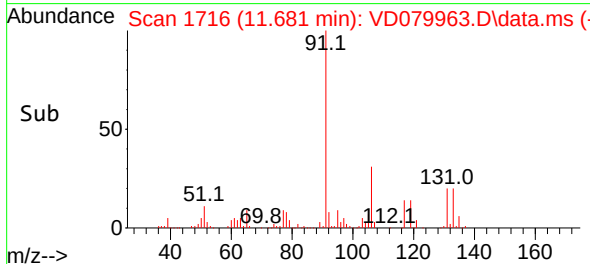
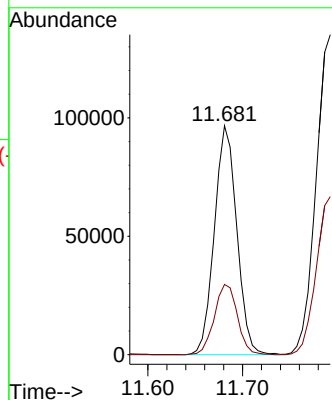
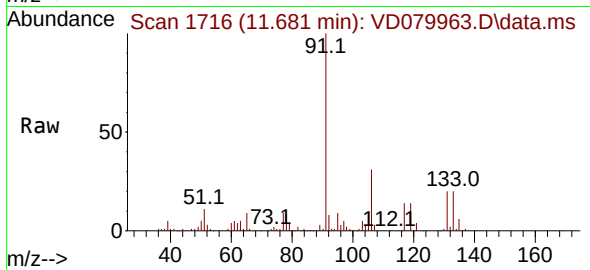




#67
Ethyl Benzene
Concen: 18.432 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

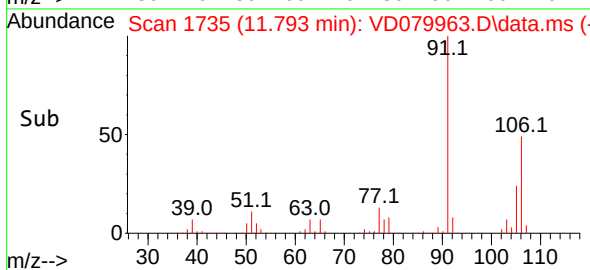
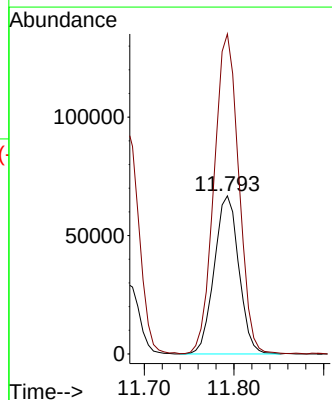
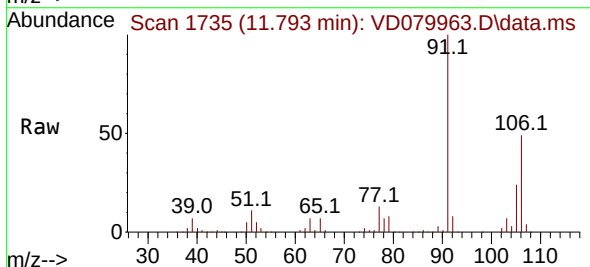
Instrument :
MSVOA_D
ClientSampleId :

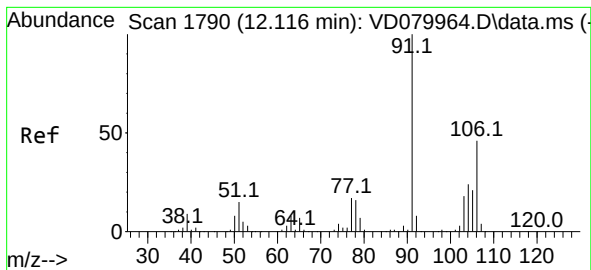
Tgt Ion: 91 Resp: 159043
Ion Ratio Lower Upper
91 100
106 30.7 23.6 35.4



#68
m/p-Xylenes
Concen: 38.377 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

Tgt Ion:106 Resp: 127085
Ion Ratio Lower Upper
106 100
91 202.8 162.6 244.0





#69

o-Xylene

Concen: 19.008 ug/l

RT: 12.116 min Scan# 1790

Delta R.T. -0.000 min

Lab File: VD079963.D

Acq: 11 Oct 2024 11:23

Instrument :

MSVOA_D

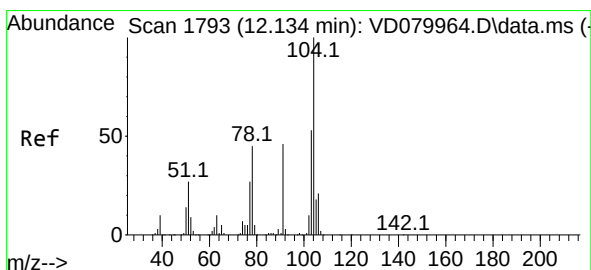
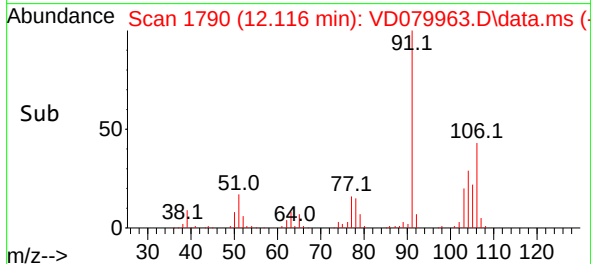
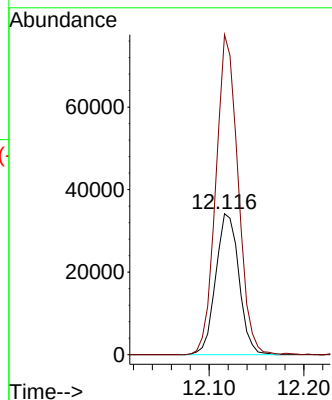
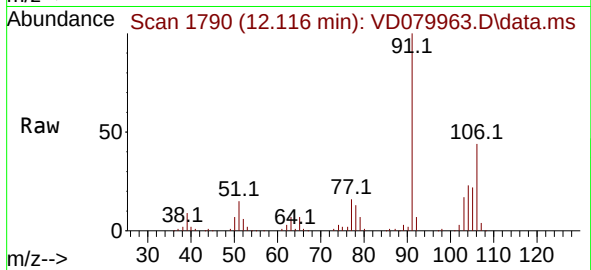
ClientSampleId :

Tgt Ion:106 Resp: 58237

Ion Ratio Lower Upper

106 100

91 217.3 110.5 331.5



#70

Styrene

Concen: 19.181 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VD079963.D

Acq: 11 Oct 2024 11:23

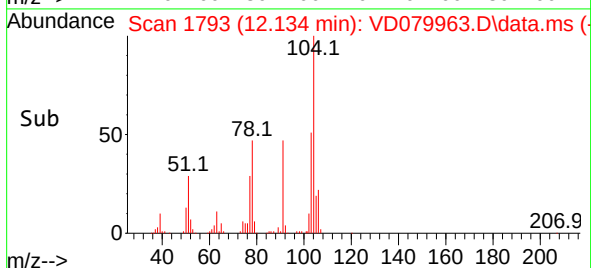
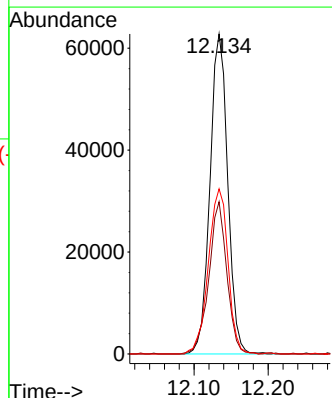
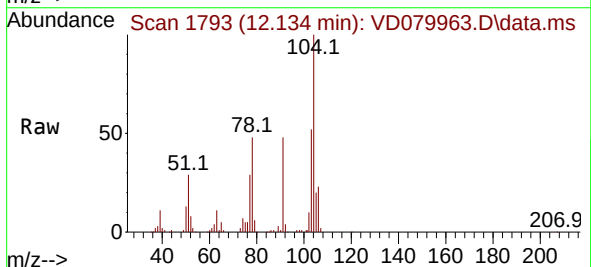
Tgt Ion:104 Resp: 104578

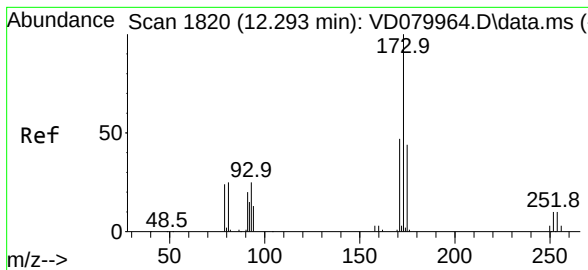
Ion Ratio Lower Upper

104 100

78 48.3 39.8 59.8

103 57.1 45.2 67.8





#71

Bromoform

Concen: 18.843 ug/l

RT: 12.298 min Scan# 1820

Delta R.T. 0.006 min

Lab File: VD079963.D

Acq: 11 Oct 2024 11:23

Instrument :

MSVOA_D

ClientSampleId :

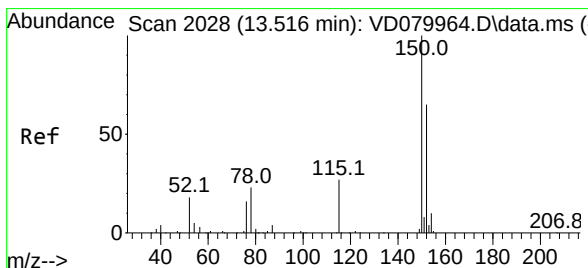
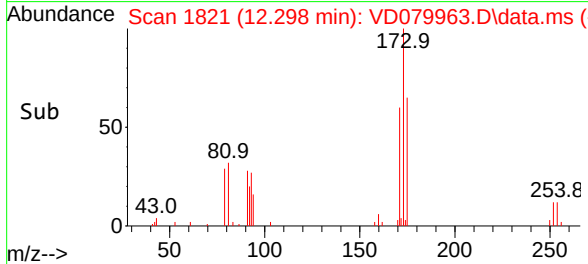
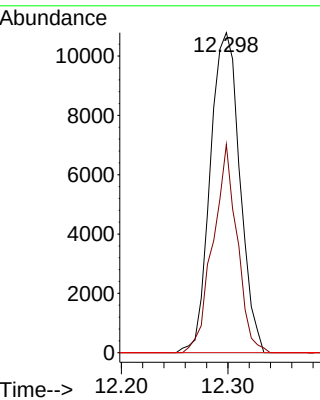
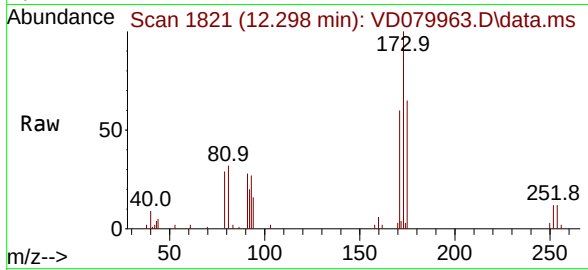
Tgt Ion:173 Resp: 20768

Ion Ratio Lower Upper

173 100

175 53.3 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: VD079963.D

Acq: 11 Oct 2024 11:23

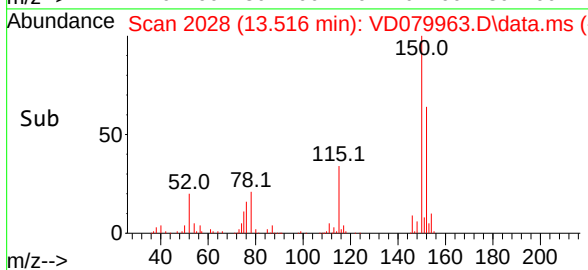
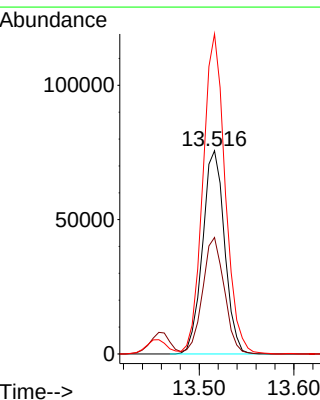
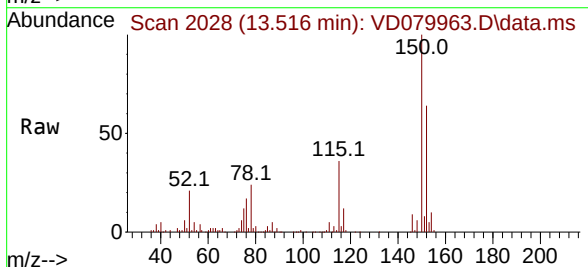
Tgt Ion:152 Resp: 121832

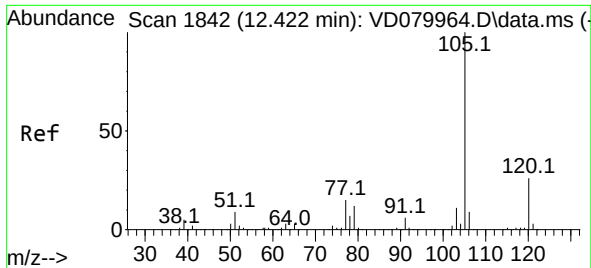
Ion Ratio Lower Upper

152 100

115 56.7 28.9 86.8

150 159.6 0.0 354.8

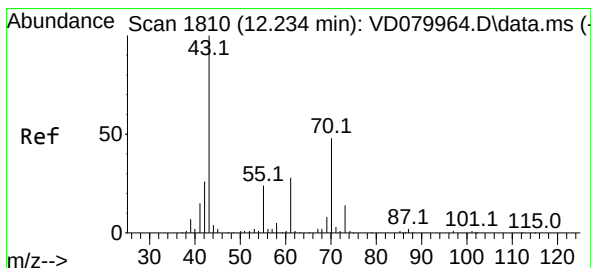
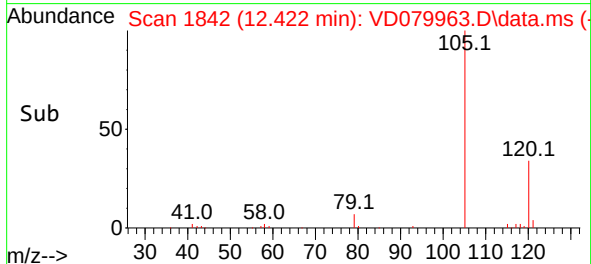
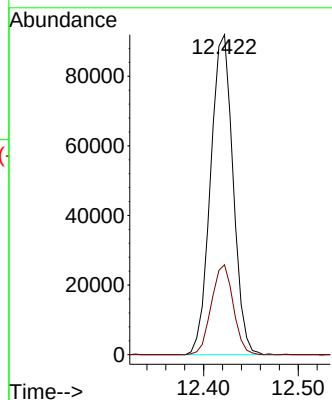
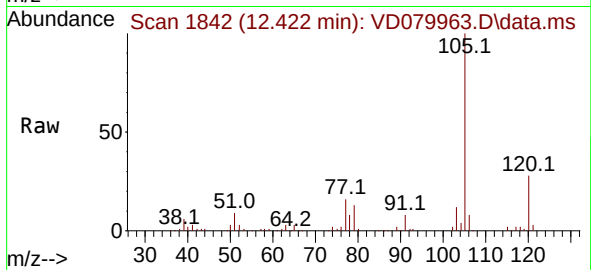




#73
Isopropylbenzene
Concen: 18.331 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

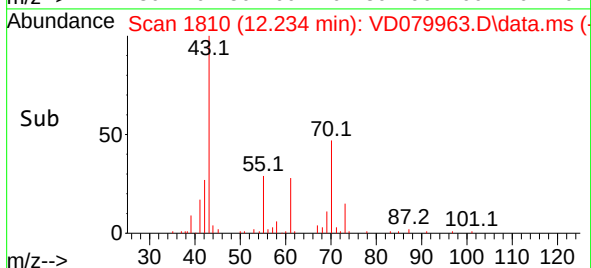
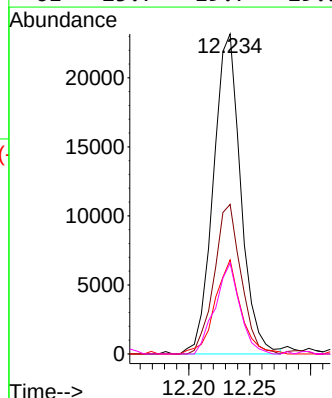
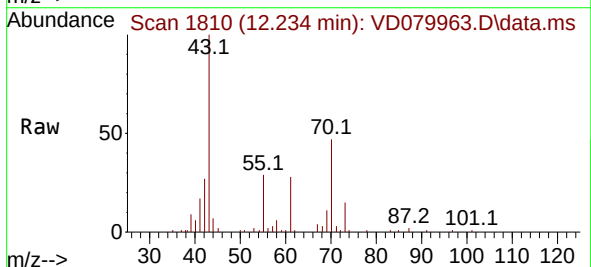
Instrument :
MSVOA_D
ClientSampleId :

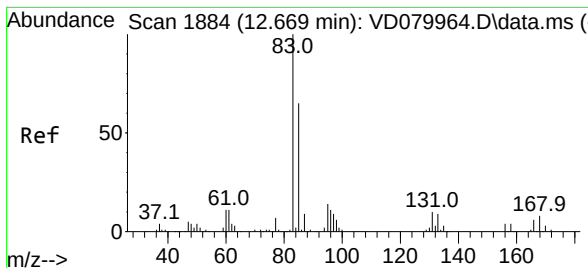
Tgt Ion:105 Resp: 151925
Ion Ratio Lower Upper
105 100
120 27.3 13.3 39.9



#74
N-ethyl acetate
Concen: 18.068 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

Tgt Ion: 43 Resp: 36218
Ion Ratio Lower Upper
43 100
70 45.7 36.3 54.5
55 27.9 20.3 30.5
61 25.7 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.282 ug/l

RT: 12.669 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VD079963.D

Acq: 11 Oct 2024 11:23

Instrument :

MSVOA_D

ClientSampleId :

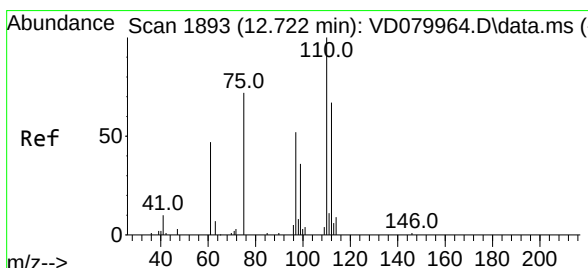
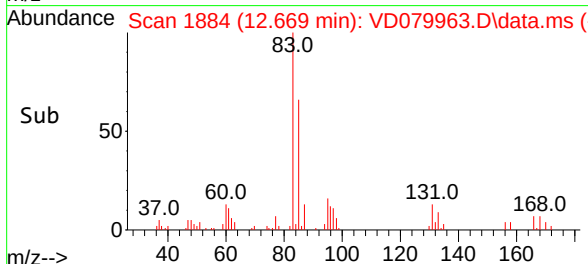
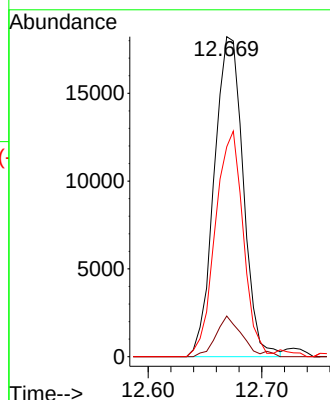
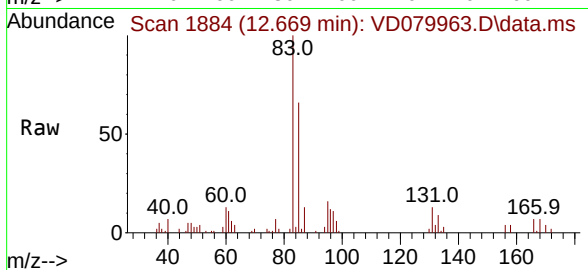
Tgt Ion: 83 Resp: 32402

Ion Ratio Lower Upper

83 100

131 11.5 5.1 15.3

85 67.9 32.9 98.6



#76

1,2,3-Trichloropropane

Concen: 32.449 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VD079963.D

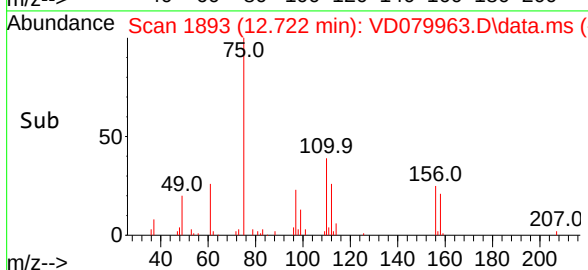
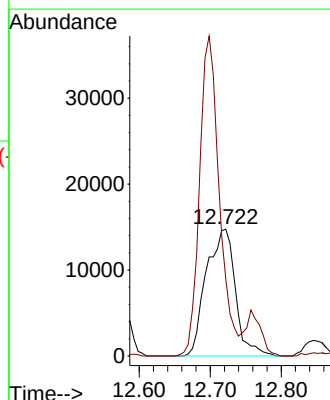
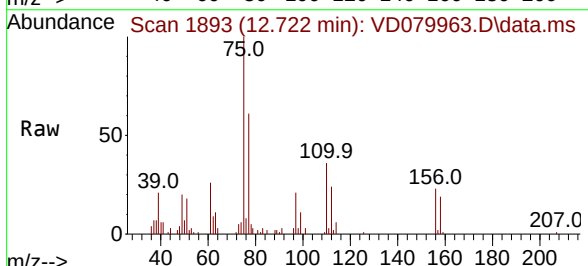
Acq: 11 Oct 2024 11:23

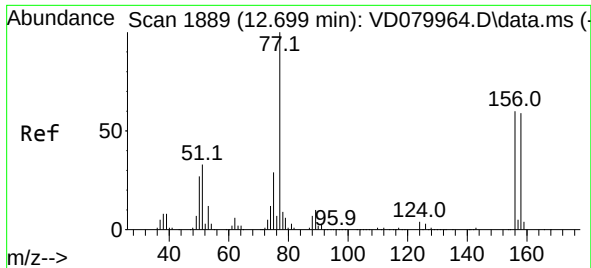
Tgt Ion: 75 Resp: 41965

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

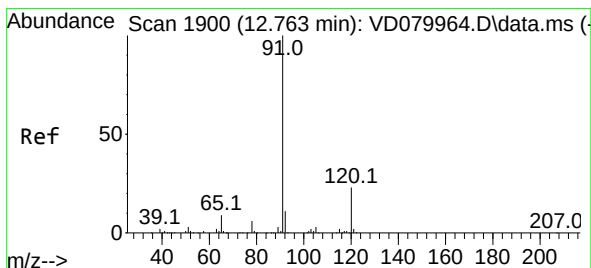
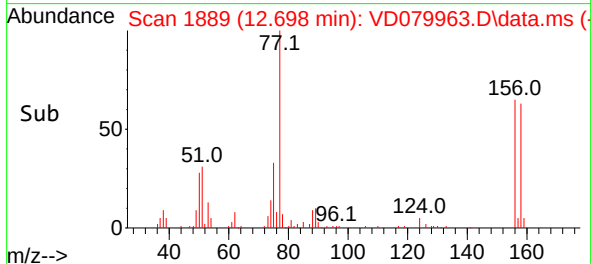
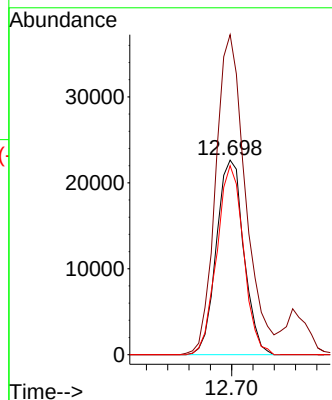
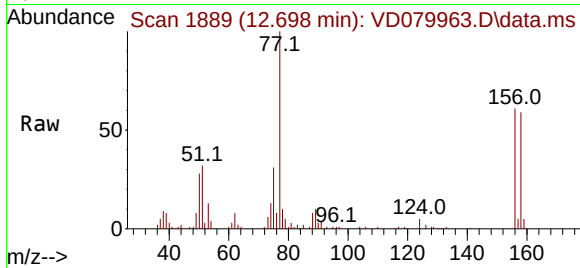




#77
Bromobenzene
Concen: 18.845 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

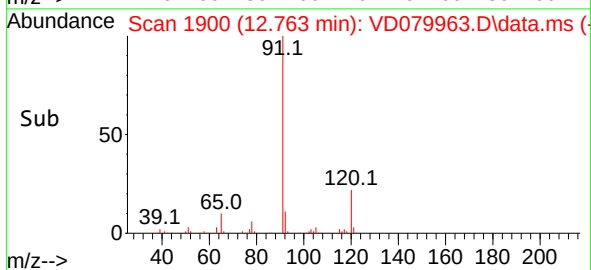
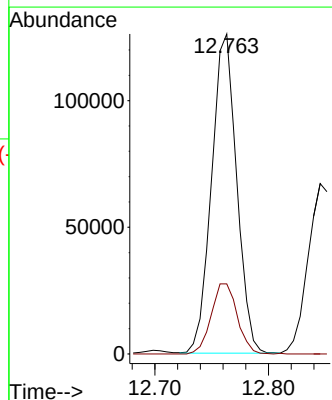
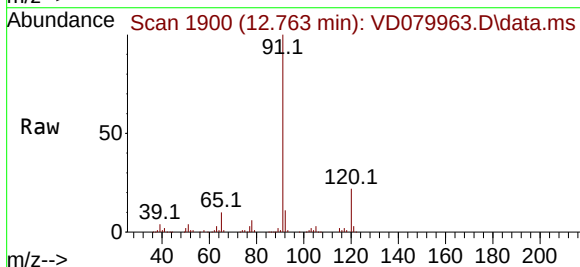
Instrument :
MSVOA_D
ClientSampleId :

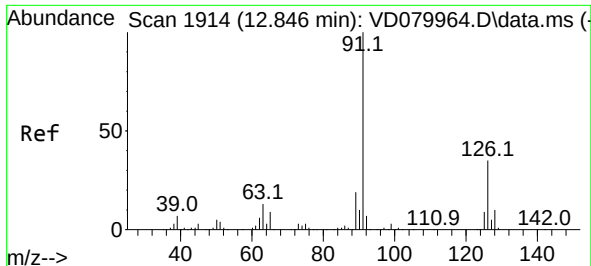
Tgt Ion:156 Resp: 40406
Ion Ratio Lower Upper
156 100
77 178.7 89.8 269.6
158 94.8 47.9 143.8



#78
n-propylbenzene
Concen: 18.779 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

Tgt Ion: 91 Resp: 193498
Ion Ratio Lower Upper
91 100
120 22.8 11.2 33.5

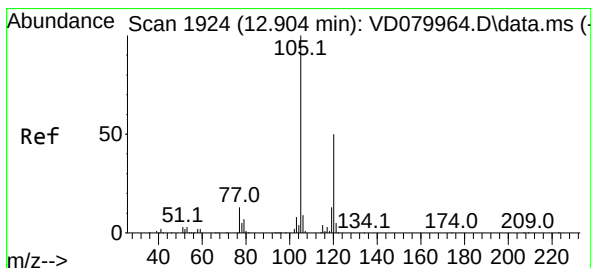
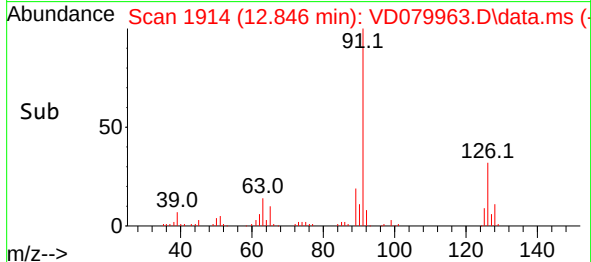
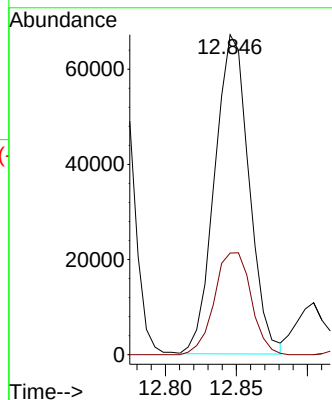
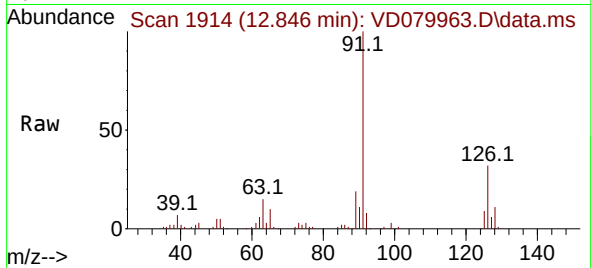




#79
2-Chlorotoluene
Concen: 18.865 ug/l
RT: 12.846 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

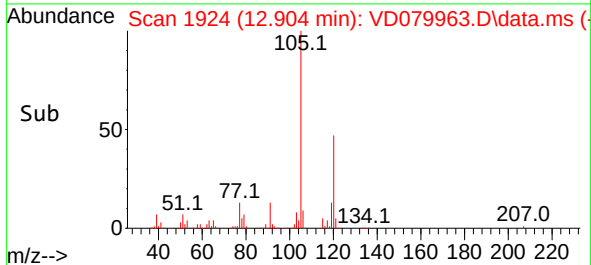
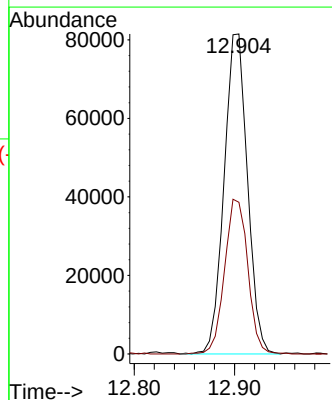
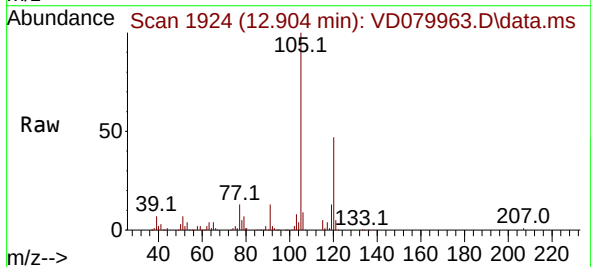
Instrument :
MSVOA_D
ClientSampleId :

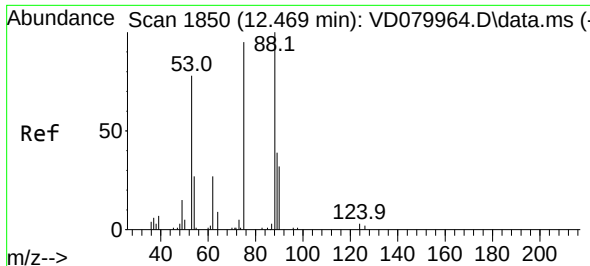
Tgt Ion: 91 Resp: 112935
Ion Ratio Lower Upper
91 100
126 34.1 17.2 51.5



#80
1,3,5-Trimethylbenzene
Concen: 18.912 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

Tgt Ion: 105 Resp: 132103
Ion Ratio Lower Upper
105 100
120 48.1 25.0 75.0

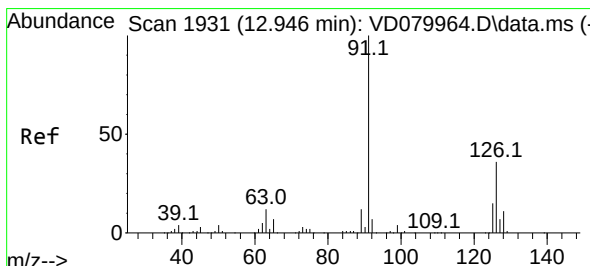
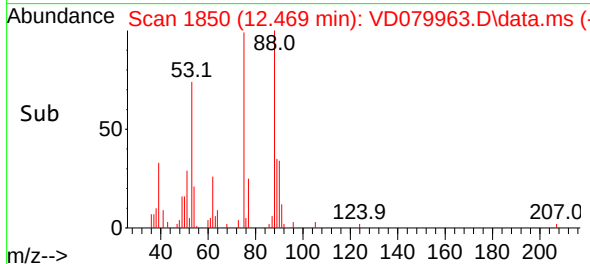
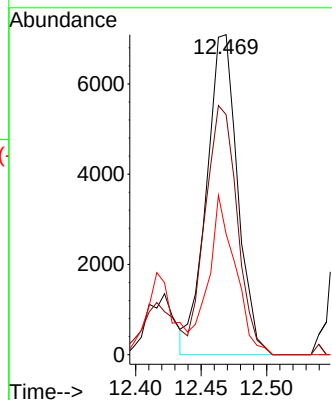
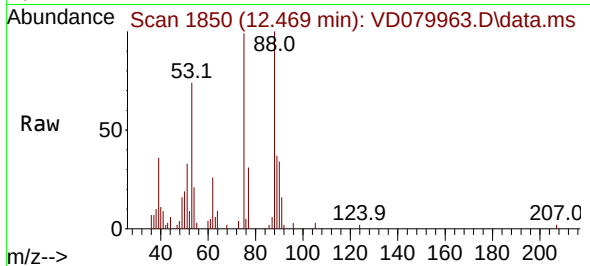




#81
trans-1,4-Dichloro-2-butene
Concen: 19.431 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

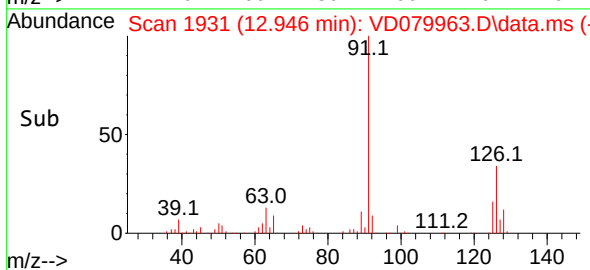
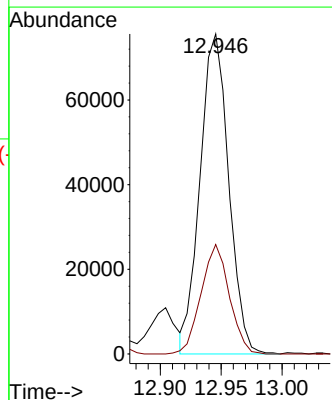
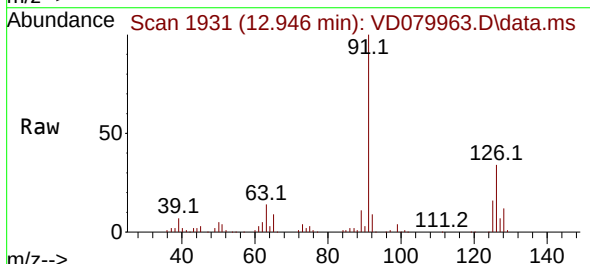
Instrument :
MSVOA_D
ClientSampleId :

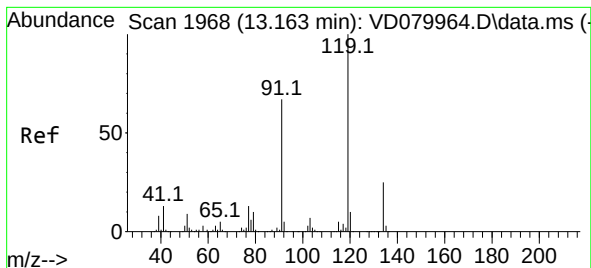
Tgt Ion: 75 Resp: 11703
Ion Ratio Lower Upper
75 100
53 79.4 68.7 103.1
89 42.9 36.1 54.1



#82
4-Chlorotoluene
Concen: 19.286 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

Tgt Ion: 91 Resp: 124031
Ion Ratio Lower Upper
91 100
126 33.7 16.8 50.3





#83

tert-Butylbenzene

Concen: 18.345 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. -0.000 min

Lab File: VD079963.D

Acq: 11 Oct 2024 11:23

Instrument :

MSVOA_D

ClientSampleId :

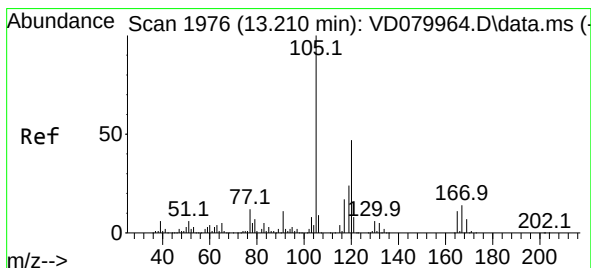
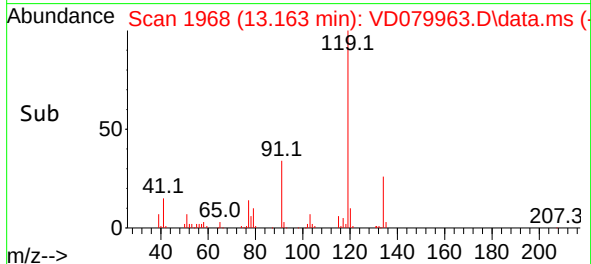
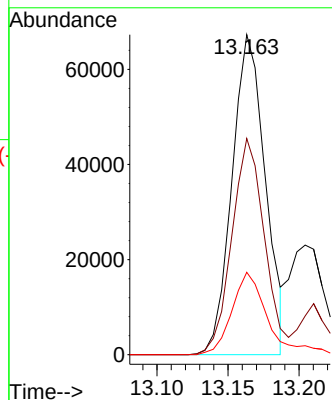
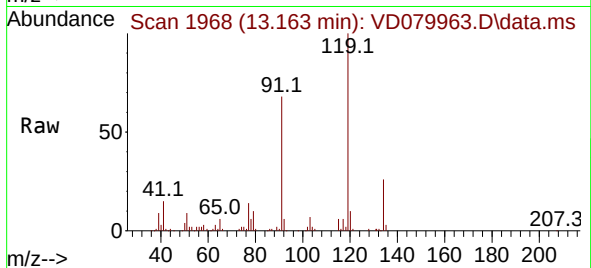
Tgt Ion:119 Resp: 109829

Ion Ratio Lower Upper

119 100

91 66.3 33.3 99.9

134 27.5 13.5 40.5



#84

1,2,4-Trimethylbenzene

Concen: 19.120 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VD079963.D

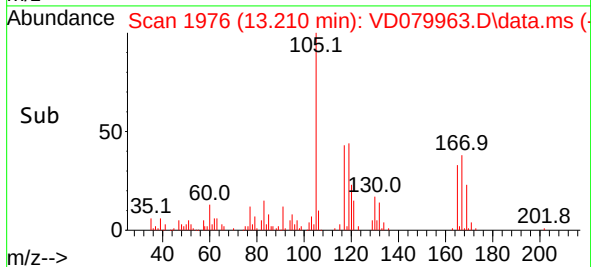
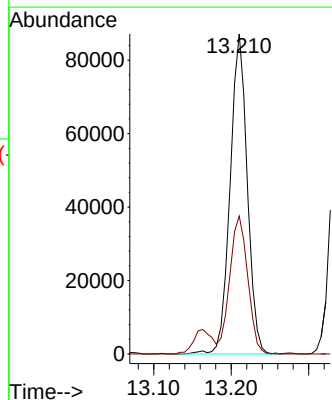
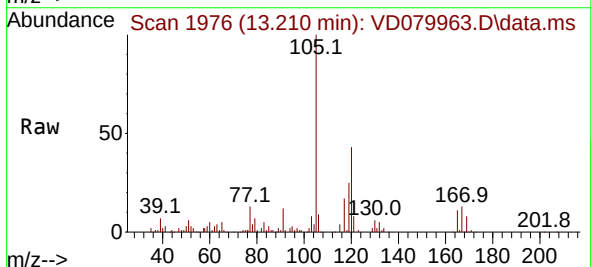
Acq: 11 Oct 2024 11:23

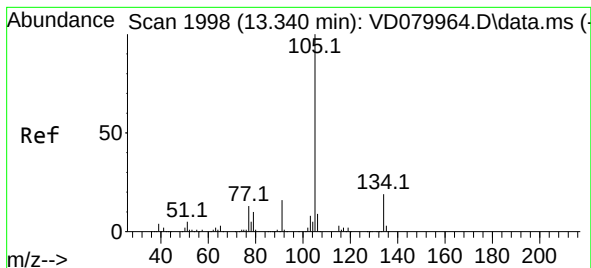
Tgt Ion:105 Resp: 134115

Ion Ratio Lower Upper

105 100

120 45.4 22.8 68.4





#85

sec-Butylbenzene

Concen: 19.012 ug/l

RT: 13.345 min Scan# 1998

Delta R.T. 0.006 min

Lab File: VD079963.D

Acq: 11 Oct 2024 11:23

Instrument :

MSVOA_D

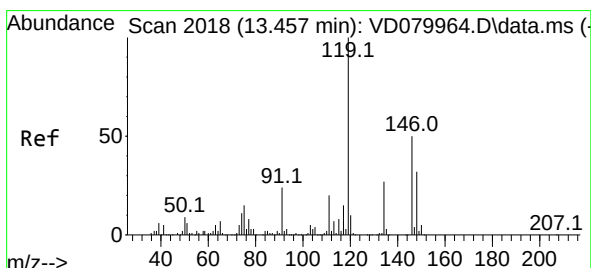
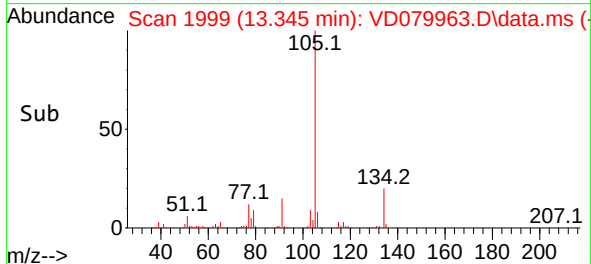
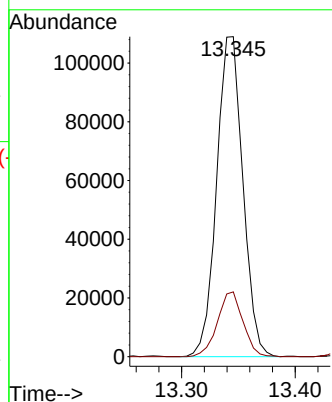
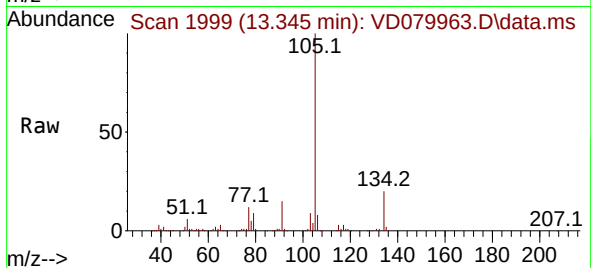
ClientSampleId :

Tgt Ion:105 Resp: 174935

Ion Ratio Lower Upper

105 100

134 19.7 9.8 29.3



#86

p-Isopropyltoluene

Concen: 18.850 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD079963.D

Acq: 11 Oct 2024 11:23

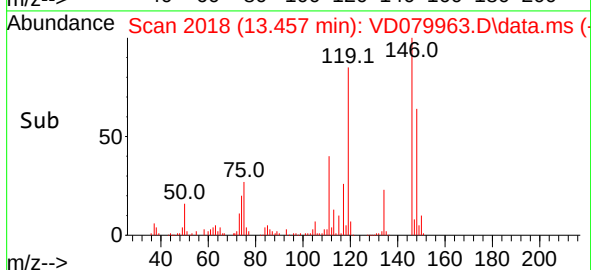
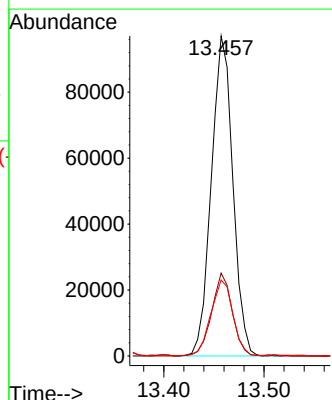
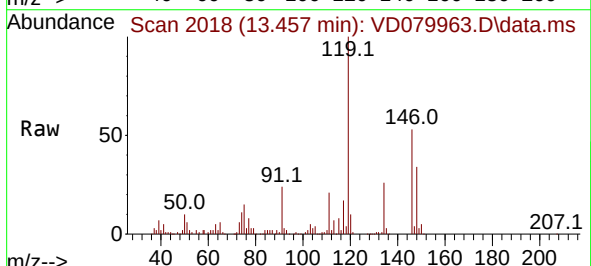
Tgt Ion:119 Resp: 144698

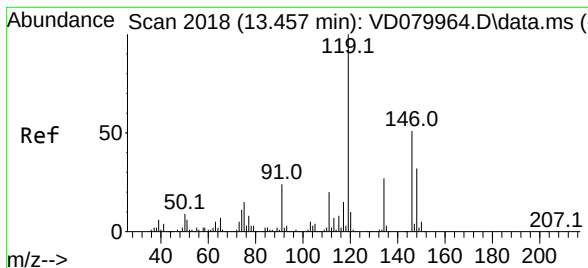
Ion Ratio Lower Upper

119 100

134 24.8 13.1 39.1

91 24.3 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 19.014 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD079963.D

Acq: 11 Oct 2024 11:23

Instrument :

MSVOA_D

ClientSampleId :

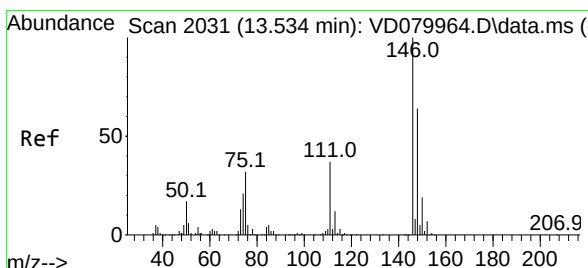
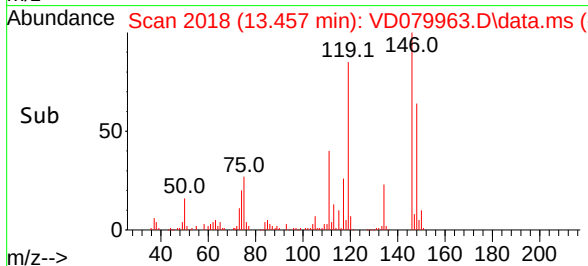
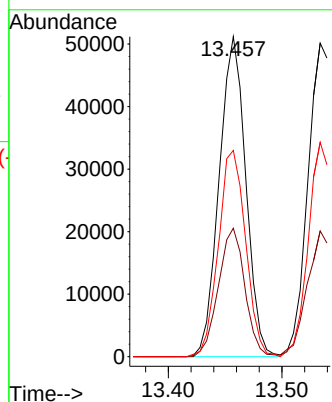
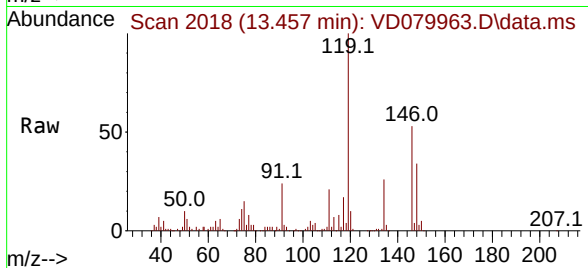
Tgt Ion:146 Resp: 83414

Ion Ratio Lower Upper

146 100

111 39.9 20.0 59.9

148 65.8 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 19.194 ug/l

RT: 13.534 min Scan# 2031

Delta R.T. -0.000 min

Lab File: VD079963.D

Acq: 11 Oct 2024 11:23

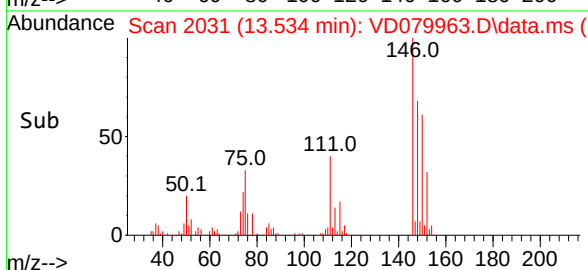
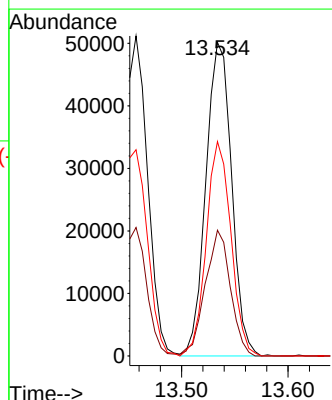
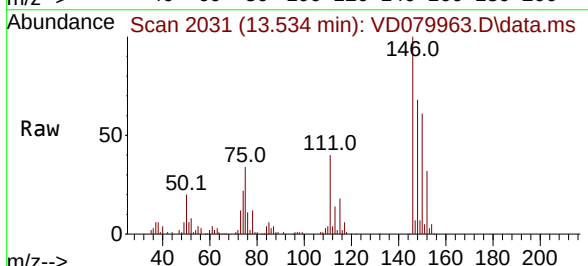
Tgt Ion:146 Resp: 84128

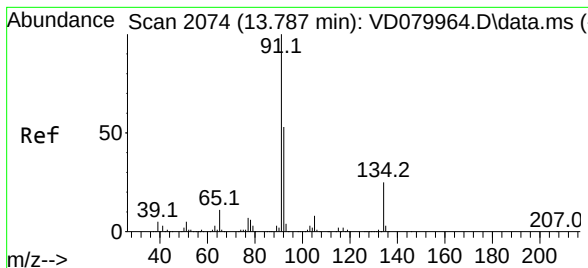
Ion Ratio Lower Upper

146 100

111 39.2 19.3 57.8

148 65.7 32.9 98.7





#89

n-Butylbenzene

Concen: 18.223 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VD079963.D

Acq: 11 Oct 2024 11:23

Instrument :

MSVOA_D

ClientSampleId :

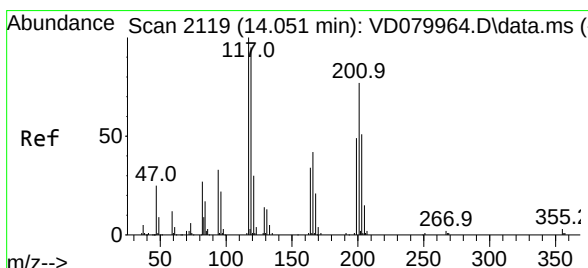
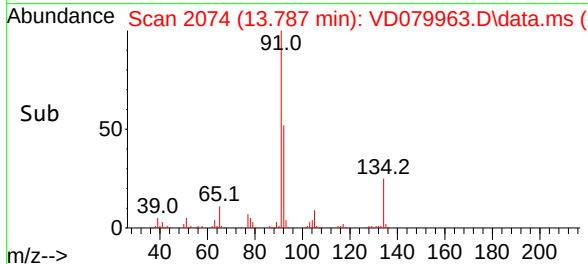
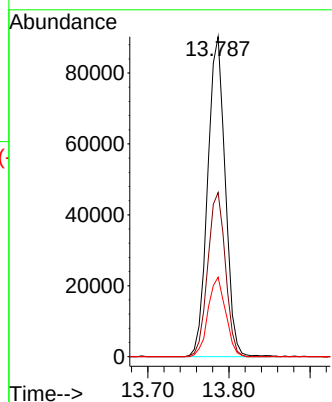
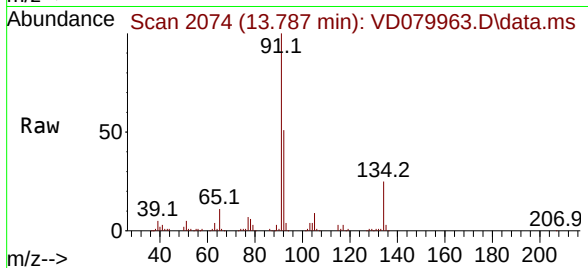
Tgt Ion: 91 Resp: 135292

Ion Ratio Lower Upper

91 100

92 51.6 26.3 78.9

134 25.0 12.3 36.8



#90

Hexachloroethane

Concen: 19.435 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. -0.000 min

Lab File: VD079963.D

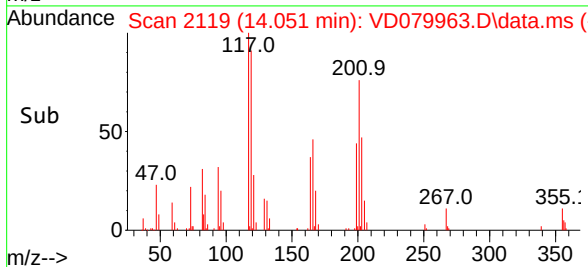
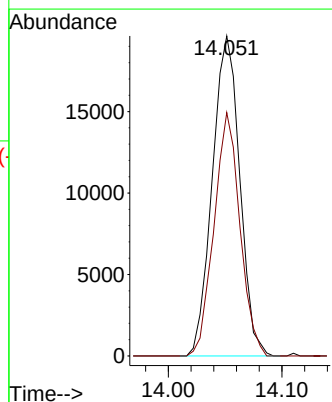
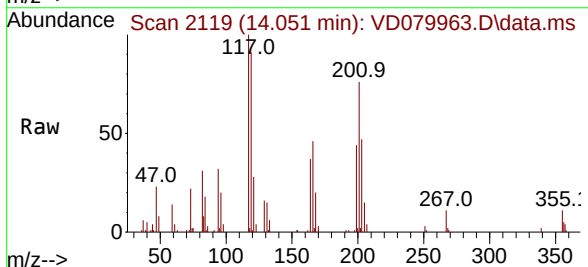
Acq: 11 Oct 2024 11:23

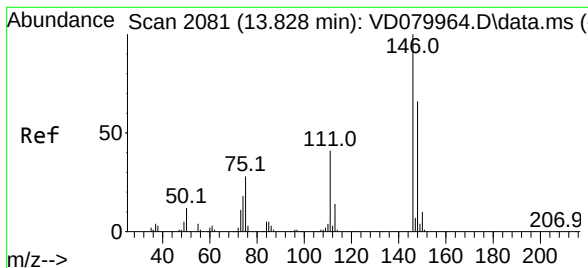
Tgt Ion: 117 Resp: 32976

Ion Ratio Lower Upper

117 100

201 71.6 37.5 112.5





#91

1,2-Dichlorobenzene

Concen: 19.219 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VD079963.D

Acq: 11 Oct 2024 11:23

Instrument :

MSVOA_D

ClientSampleId :

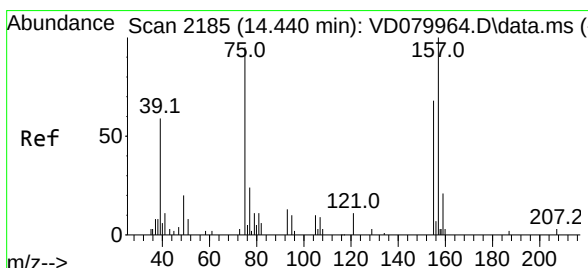
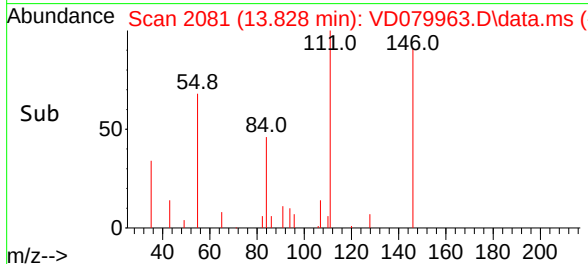
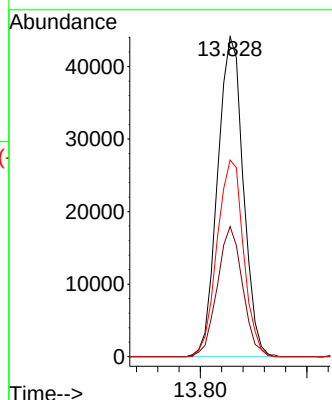
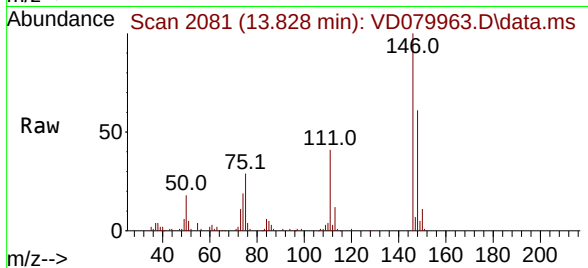
Tgt Ion:146 Resp: 73652

Ion Ratio Lower Upper

146 100

111 40.3 20.6 61.8

148 63.3 32.7 98.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.384 ug/l

RT: 14.440 min Scan# 2185

Delta R.T. -0.000 min

Lab File: VD079963.D

Acq: 11 Oct 2024 11:23

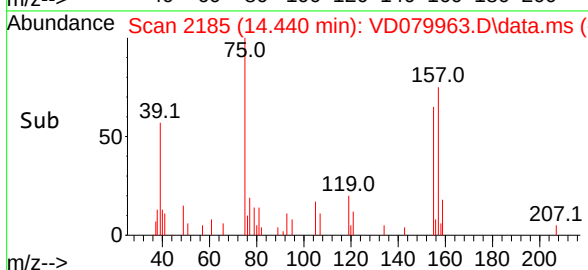
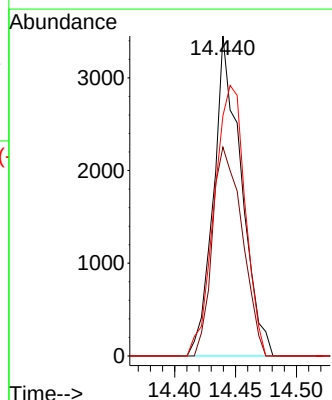
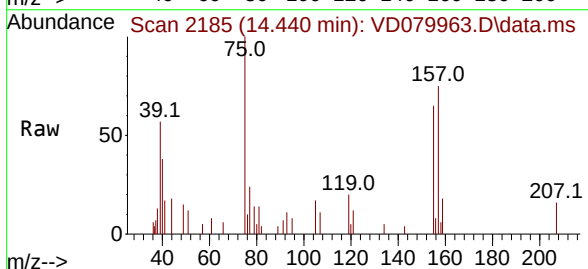
Tgt Ion: 75 Resp: 5439

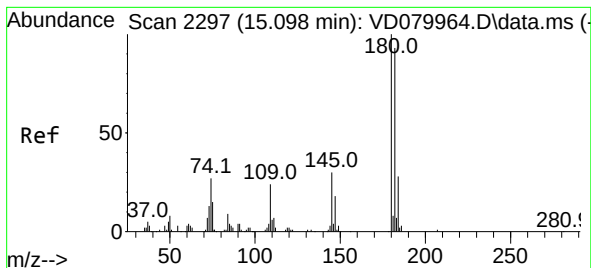
Ion Ratio Lower Upper

75 100

155 70.7 40.6 122.0

157 94.5 53.3 159.9





#93

1,2,4-Trichlorobenzene

Concen: 19.103 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD079963.D

Acq: 11 Oct 2024 11:23

Instrument :

MSVOA_D

ClientSampleId :

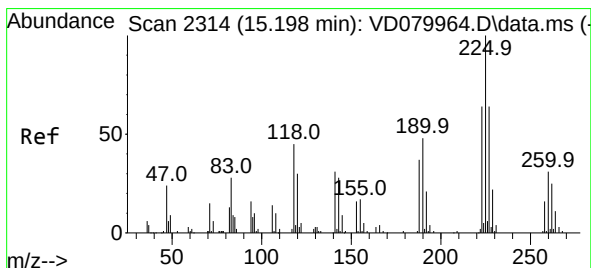
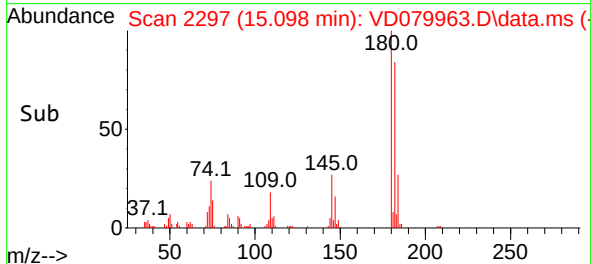
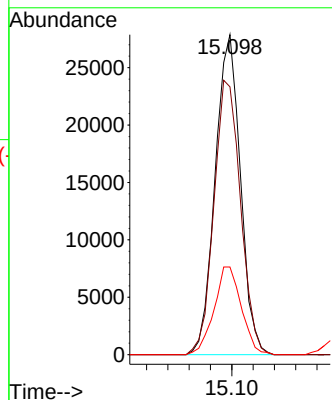
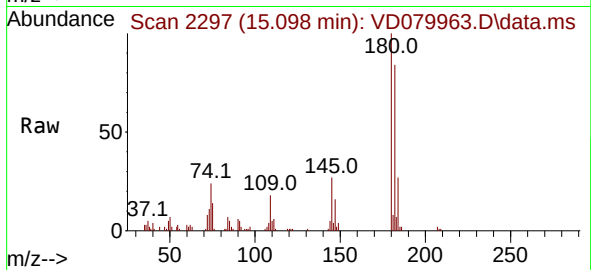
Tgt Ion:180 Resp: 45877

Ion Ratio Lower Upper

180 100

182 90.3 47.4 142.2

145 29.7 14.7 44.1



#94

Hexachlorobutadiene

Concen: 18.942 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. -0.000 min

Lab File: VD079963.D

Acq: 11 Oct 2024 11:23

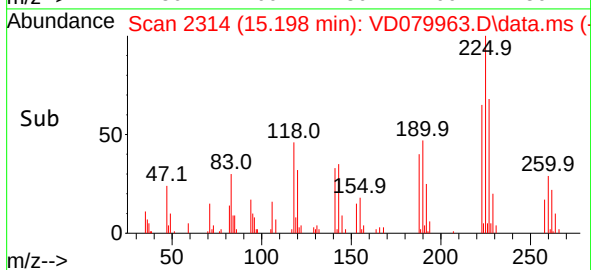
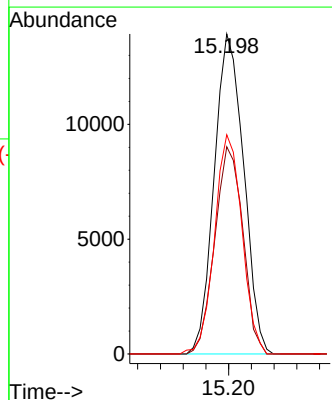
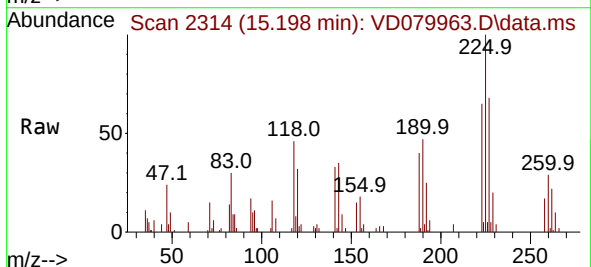
Tgt Ion:225 Resp: 25050

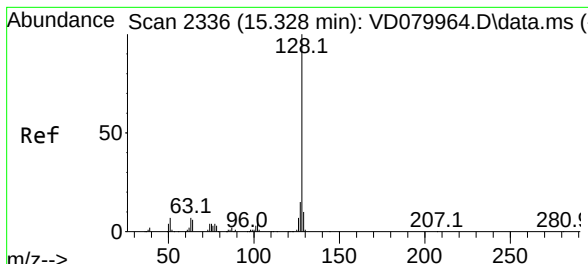
Ion Ratio Lower Upper

225 100

223 61.8 31.5 94.5

227 63.9 30.9 92.5

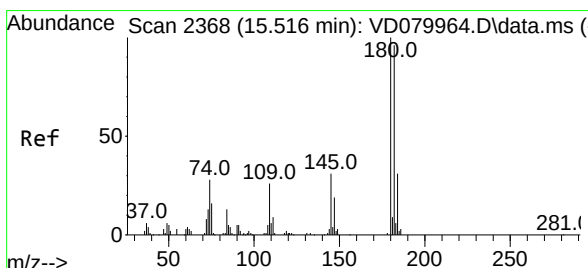
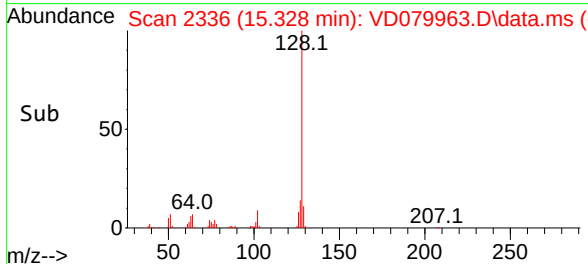
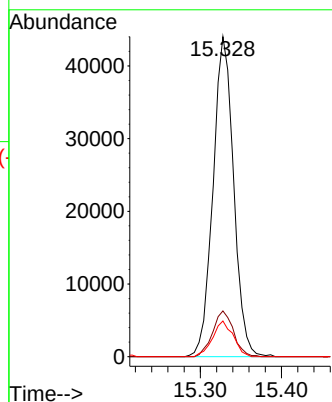
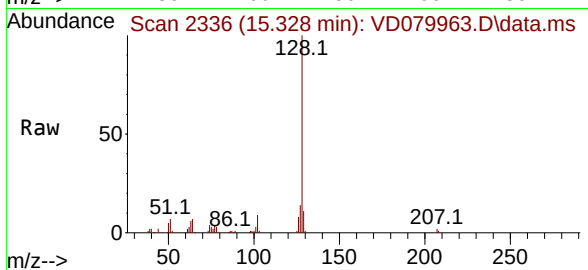




#95
Naphthalene
Concen: 18.158 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128	Resp:	77772
Ion Ratio	Lower	Upper
128	100	
127	14.3	11.8 17.8
129	11.2	8.3 12.5



#96
1,2,3-Trichlorobenzene
Concen: 18.032 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.006 min
Lab File: VD079963.D
Acq: 11 Oct 2024 11:23

Tgt Ion:180	Resp:	38377
Ion Ratio	Lower	Upper
180	100	
182	96.2	47.5 142.6
145	33.2	15.7 47.0

