

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032924\
 Data File : VD078791.D
 Acq On : 29 Mar 2024 13:47
 Operator : RP/MD
 Sample : VD0329SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0329SBS01

Quant Time: Mar 29 23:41:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	109977	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	180587	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	172341	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	90999	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	47403	45.993	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.980%
35) Dibromofluoromethane	7.805	113	56638	48.712	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.420%
50) Toluene-d8	10.269	98	206104	48.199	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.400%
62) 4-Bromofluorobenzene	12.575	95	61552	49.203	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.400%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	17172	16.777	ug/l	94
3) Chloromethane	2.152	50	23655	14.637	ug/l	94
4) Vinyl Chloride	2.287	62	37572	15.759	ug/l #	79
5) Bromomethane	2.687	94	36436	15.962	ug/l	97
6) Chloroethane	2.840	64	32030	17.227	ug/l	98
7) Trichlorofluoromethane	3.181	101	36395	19.296	ug/l	93
8) Diethyl Ether	3.599	74	9075	16.479	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.964	101	24304	20.532	ug/l	97
10) Methyl Iodide	4.170	142	22144	15.815	ug/l	95
11) Tert butyl alcohol	5.069	59	4739m	102.743	ug/l	
12) 1,1-Dichloroethene	3.934	96	19557	17.380	ug/l	92
13) Acrolein	3.799	56	6736	93.227	ug/l	97
14) Allyl chloride	4.564	41	21346	17.001	ug/l	96
15) Acrylonitrile	5.258	53	20992	94.561	ug/l	97
16) Acetone	4.022	43	20727	103.997	ug/l	97
17) Carbon Disulfide	4.275	76	44654	12.105	ug/l #	94
18) Methyl Acetate	4.581	43	7982	18.662	ug/l	99
19) Methyl tert-butyl Ether	5.311	73	41157	18.137	ug/l	94
20) Methylene Chloride	4.799	84	36350	24.242	ug/l	97
21) trans-1,2-Dichloroethene	5.311	96	23254	17.514	ug/l	87
22) Diisopropyl ether	6.222	45	54898	19.231	ug/l	92
23) Vinyl Acetate	6.158	43	155072	92.869	ug/l #	91
24) 1,1-Dichloroethane	6.111	63	41854	19.556	ug/l	99
25) 2-Butanone	7.081	43	28031	105.787	ug/l	94
26) 2,2-Dichloropropane	7.081	77	35300	19.495	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	28835	19.041	ug/l	96
28) Bromochloromethane	7.434	49	15031	19.699	ug/l	91
29) Tetrahydrofuran	7.446	42	13480	93.532	ug/l	97
30) Chloroform	7.599	83	47300	19.821	ug/l	95
31) Cyclohexane	7.881	56	27400	15.817	ug/l #	94
32) 1,1,1-Trichloroethane	7.793	97	40405	19.957	ug/l	98
36) 1,1-Dichloropropene	8.005	75	31211	18.501	ug/l	98
37) Ethyl Acetate	7.169	43	11230	20.377	ug/l #	69
38) Carbon Tetrachloride	7.999	117	34421	19.354	ug/l	99
39) Methylcyclohexane	9.275	83	30873	15.776	ug/l	95
40) Benzene	8.252	78	95218	18.672	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	5350	18.524	ug/l #	92
42) 1,2-Dichloroethane	8.328	62	25072	20.160	ug/l	99
43) Isopropyl Acetate	8.363	43	19048	19.005	ug/l #	86
44) Trichloroethene	9.028	130	26111	18.867	ug/l	93
45) 1,2-Dichloropropane	9.305	63	24002	19.841	ug/l #	88
46) Dibromomethane	9.393	93	14127	19.481	ug/l	97
47) Bromodichloromethane	9.587	83	36428	21.101	ug/l	95
48) Methyl methacrylate	9.381	41	8322	17.041	ug/l #	84
49) 1,4-Dioxane	9.387	88	2640	393.189	ug/l	92
51) 4-Methyl-2-Pentanone	10.157	43	52480	100.156	ug/l	97
52) Toluene	10.334	92	62583	19.062	ug/l	95
53) t-1,3-Dichloropropene	10.552	75	30772	19.496	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	37614	19.823	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	19504	20.085	ug/l	94
56) Ethyl methacrylate	10.599	69	19024	19.542	ug/l	99
57) 1,3-Dichloropropane	10.881	76	31537	20.126	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.869	63	39678	92.434	ug/l	99
59) 2-Hexanone	10.922	43	40475	104.201	ug/l	99
60) Dibromochloromethane	11.075	129	24692	20.618	ug/l	95
61) 1,2-Dibromoethane	11.181	107	17728	18.864	ug/l	97
64) Tetrachloroethene	10.810	164	20860	18.291	ug/l	92
65) Chlorobenzene	11.610	112	68675	19.069	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	25625	19.429	ug/l	94
67) Ethyl Benzene	11.681	91	114145	18.599	ug/l	99
68) m/p-Xylenes	11.793	106	92102	36.958	ug/l	99
69) o-Xylene	12.122	106	42307	18.349	ug/l	97
70) Styrene	12.134	104	76050	19.651	ug/l	98
71) Bromoform	12.298	173	14887	20.886	ug/l #	94
73) Isopropylbenzene	12.422	105	110264	18.404	ug/l	100
74) N-amyl acetate	12.234	43	18346	18.860	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.669	83	22806	20.562	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	14643m	20.886	ug/l	
77) Bromobenzene	12.698	156	29225	19.669	ug/l	99
78) n-propylbenzene	12.763	91	145200	19.910	ug/l	98
79) 2-Chlorotoluene	12.851	91	75208	18.798	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	93343	18.840	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.463	75	6648	19.877	ug/l	96
82) 4-Chlorotoluene	12.946	91	81638	19.292	ug/l	99
83) tert-Butylbenzene	13.169	119	81743	19.134	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	97898	19.607	ug/l	98
85) sec-Butylbenzene	13.345	105	126759	19.607	ug/l	99
86) p-Isopropyltoluene	13.457	119	106375	19.220	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	60515	19.300	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	62680	20.284	ug/l	98
89) n-Butylbenzene	13.787	91	99329	19.872	ug/l	98
90) Hexachloroethane	14.051	117	22586	19.722	ug/l	95
91) 1,2-Dichlorobenzene	13.834	146	53418	19.781	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	2797	18.851	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	29026	18.417	ug/l	99
94) Hexachlorobutadiene	15.204	225	17015	19.942	ug/l	97
95) Naphthalene	15.334	128	49240	17.970	ug/l	96
96) 1,2,3-Trichlorobenzene	15.522	180	26164	19.189	ug/l	99

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Quant Title : SW846 8260
QLast Update : Fri Mar 15 05:38:03 2024
Response via : Initial Calibration

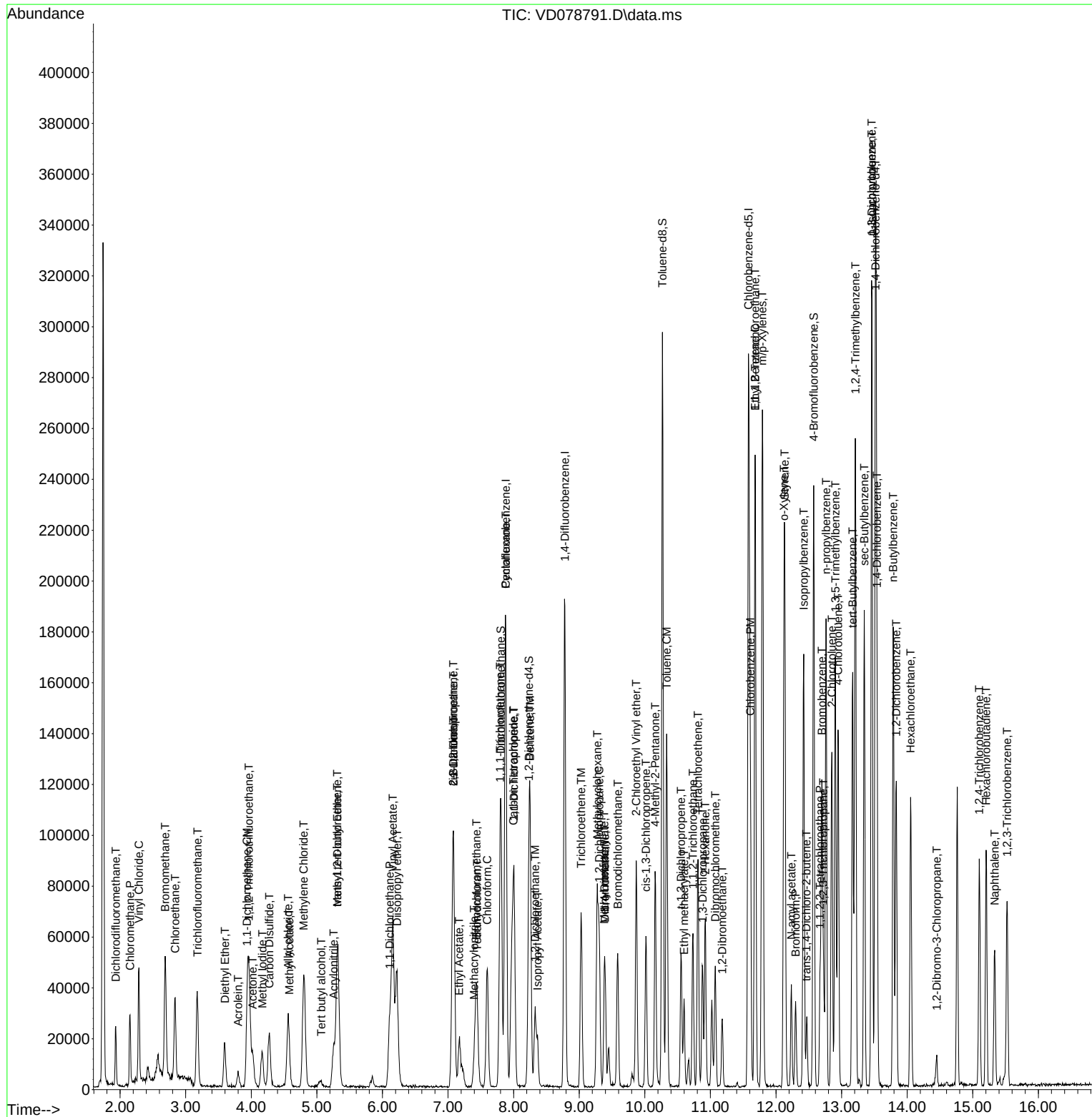
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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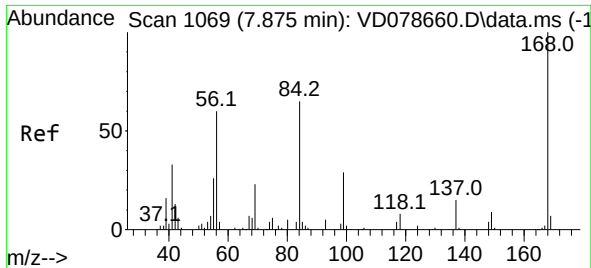
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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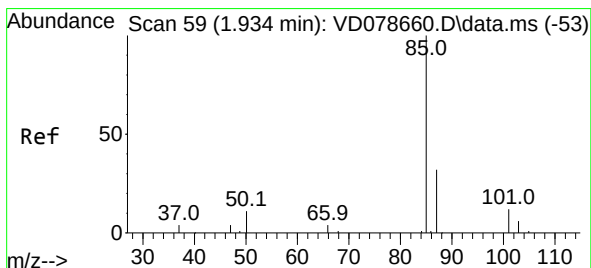
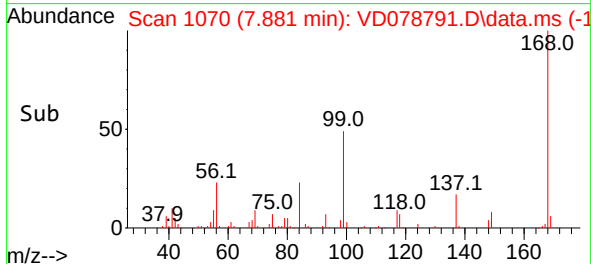
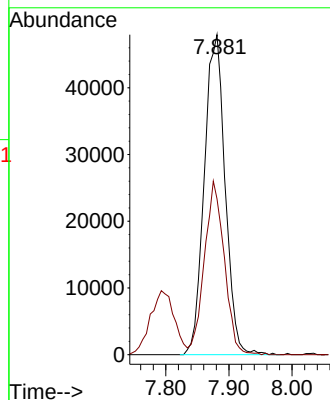
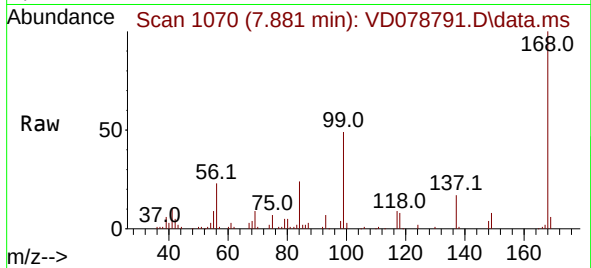




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD078791.D
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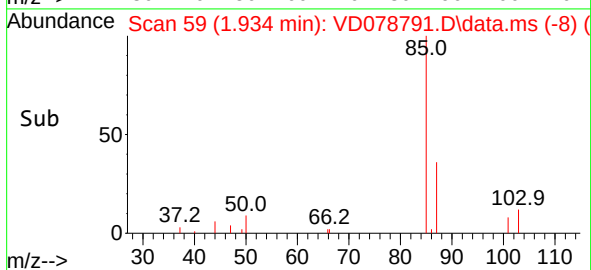
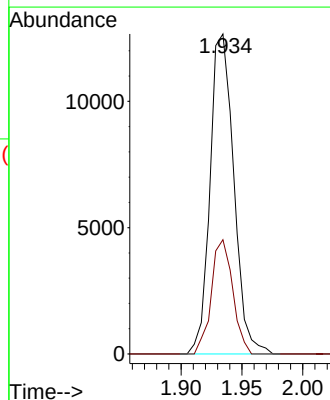
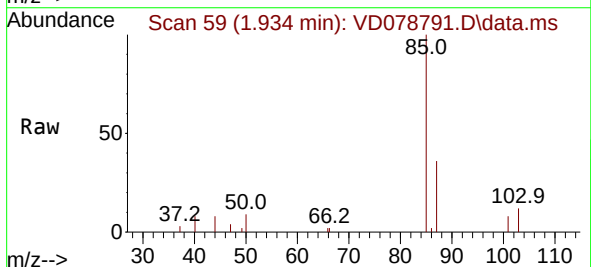
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBS01

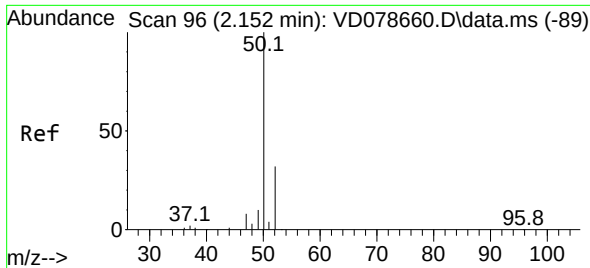
Tgt Ion:168 Resp: 109977
Ion Ratio Lower Upper
168 100
99 48.7 38.8 58.2



#2
Dichlorodifluoromethane
Concen: 16.777 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078791.D
Acq: 29 Mar 2024 13:47

Tgt Ion: 85 Resp: 17172
Ion Ratio Lower Upper
85 100
87 35.7 16.2 48.5

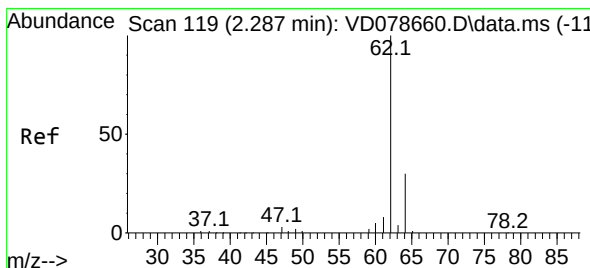
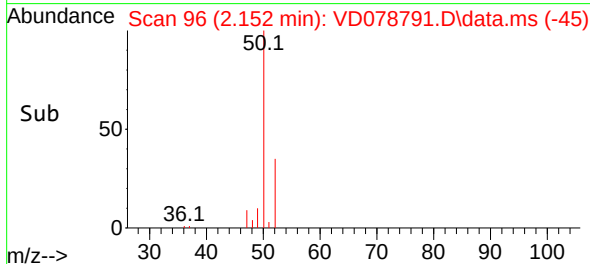
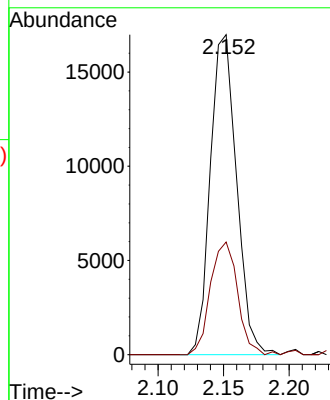
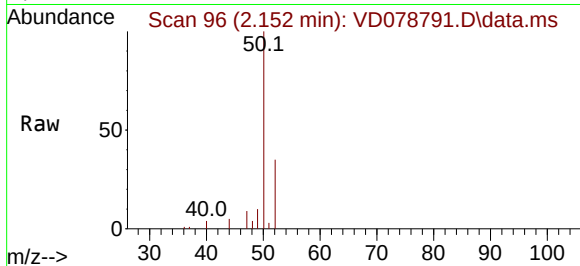




#3
Chloromethane
Concen: 14.637 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.000 min
Lab File: VD078791.D
Acq: 29 Mar 2024 13:47

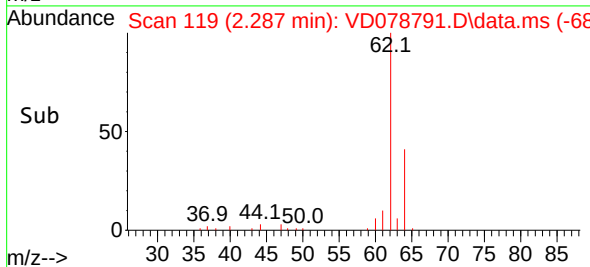
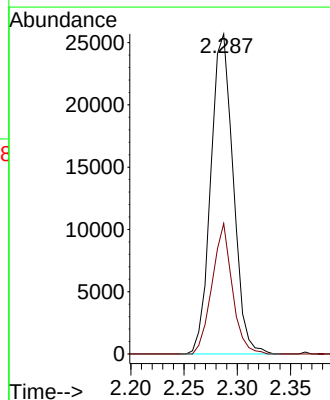
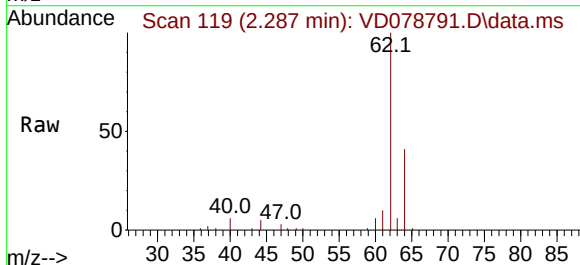
Instrument :
MSVOA_D
ClientSampleId :
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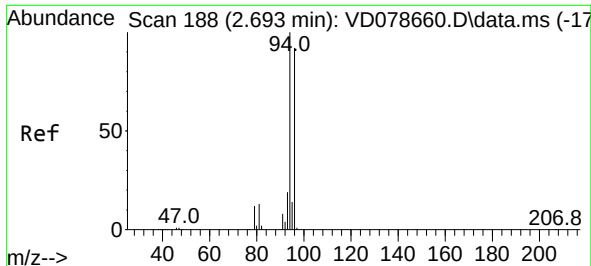
Tgt Ion: 50 Resp: 23655
Ion Ratio Lower Upper
50 100
52 35.2 25.6 38.4



#4
Vinyl Chloride
Concen: 15.759 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078791.D
Acq: 29 Mar 2024 13:47

Tgt Ion: 62 Resp: 37572
Ion Ratio Lower Upper
62 100
64 40.8 23.7 35.5#

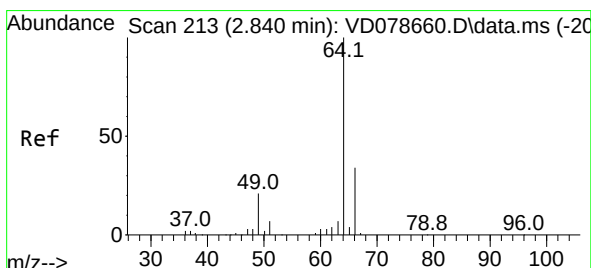
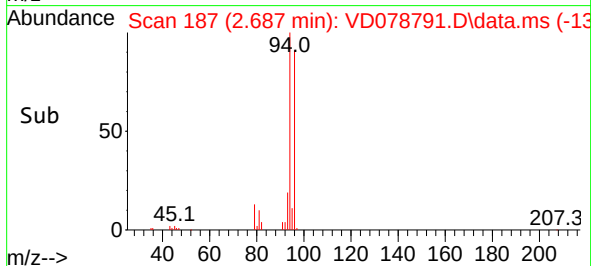
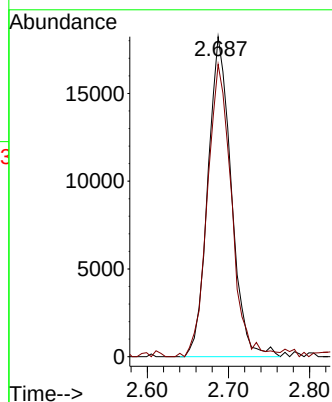
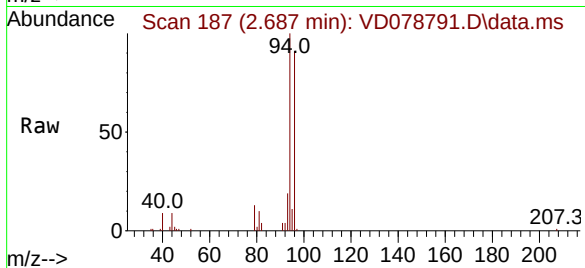




#5
Bromomethane
Concen: 15.962 ug/l
RT: 2.687 min Scan# 187
Delta R.T. -0.006 min
Lab File: VD078791.D
Acq: 29 Mar 2024 13:47

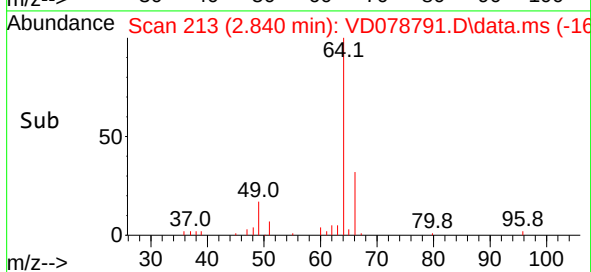
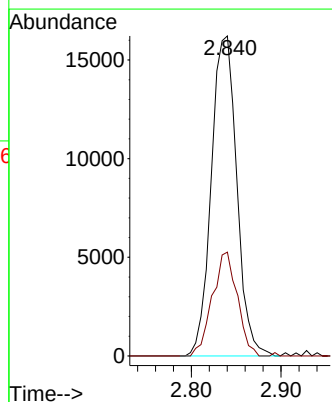
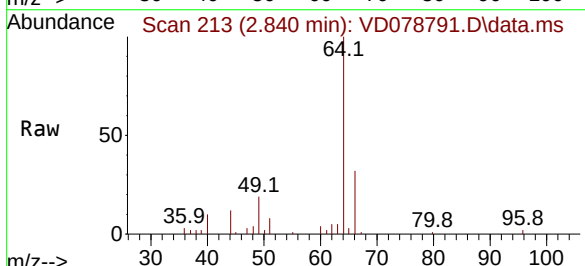
Instrument :
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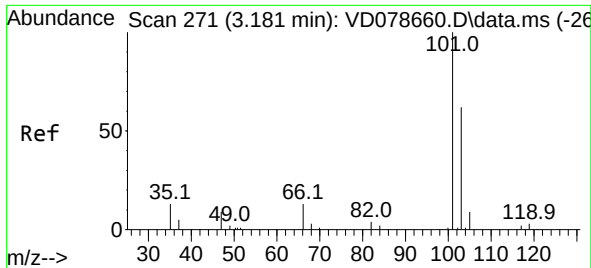
Tgt Ion: 94 Resp: 36436
Ion Ratio Lower Upper
94 100
96 94.3 73.5 110.3



#6
Chloroethane
Concen: 17.227 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD078791.D
Acq: 29 Mar 2024 13:47

Tgt Ion: 64 Resp: 32030
Ion Ratio Lower Upper
64 100
66 32.5 26.8 40.2

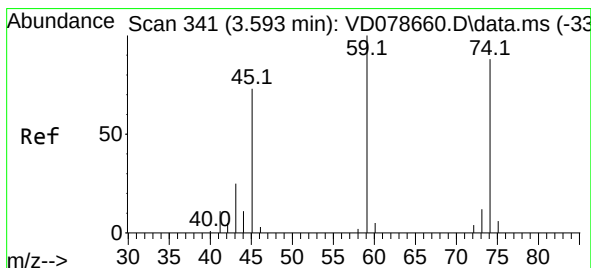
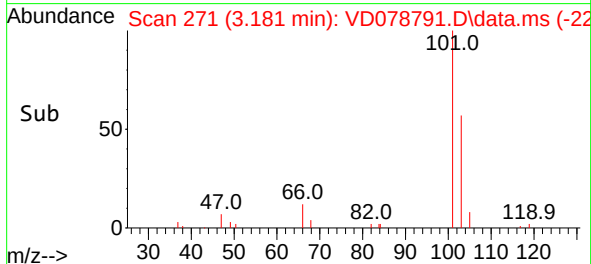
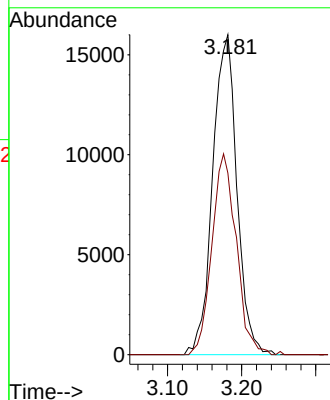
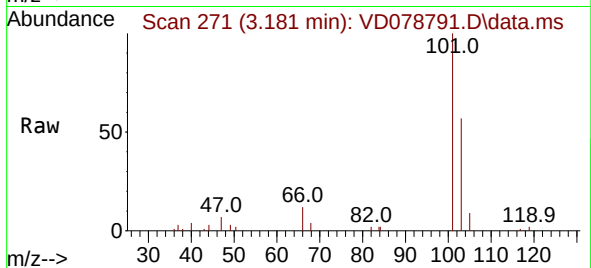




#7
Trichlorofluoromethane
Concen: 19.296 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD078791.D
Acq: 29 Mar 2024 13:47

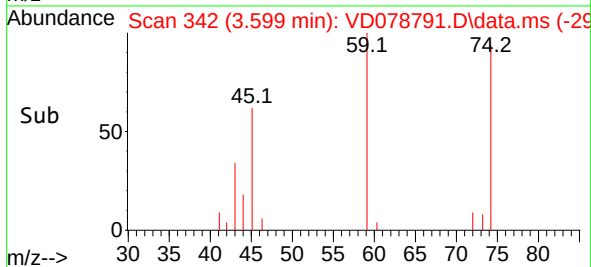
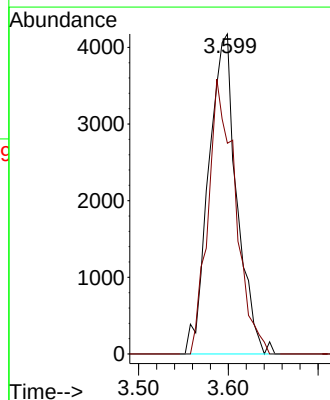
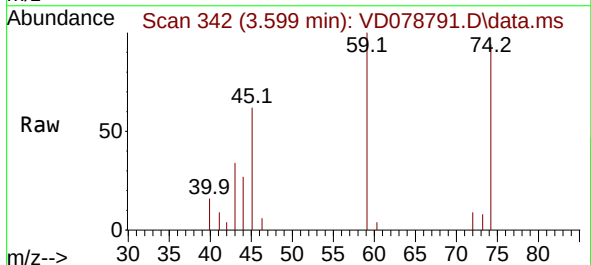
Instrument :
MSVOA_D
ClientSampleId :
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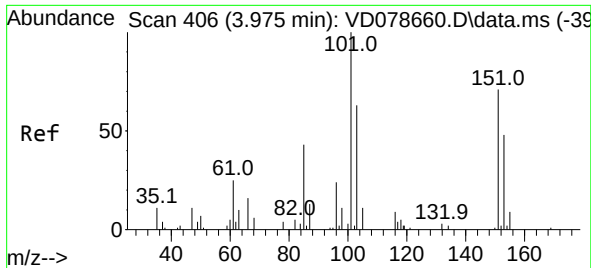
Tgt Ion:101 Resp: 36395
Ion Ratio Lower Upper
101 100
103 56.8 49.7 74.5



#8
Diethyl Ether
Concen: 16.479 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD078791.D
Acq: 29 Mar 2024 13:47

Tgt Ion: 74 Resp: 9075
Ion Ratio Lower Upper
74 100
45 83.7 42.4 127.3

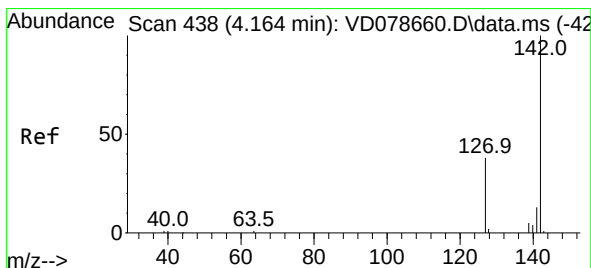
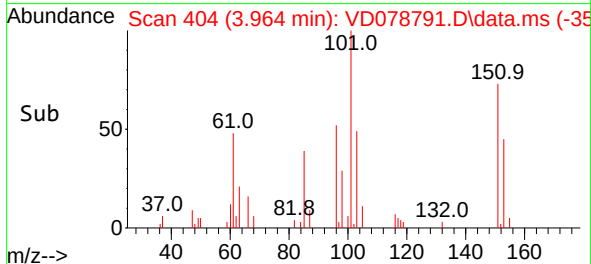
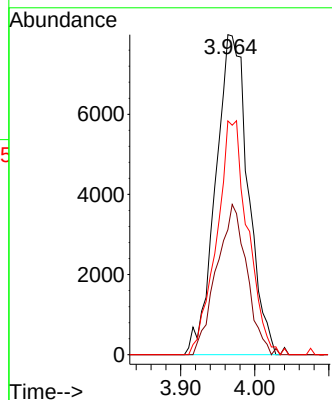
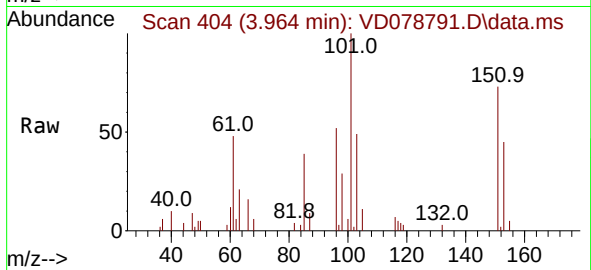




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.532 ug/l
RT: 3.964 min Scan# 406
Delta R.T. -0.012 min
Lab File: VD078791.D
Acq: 29 Mar 2024 13:47

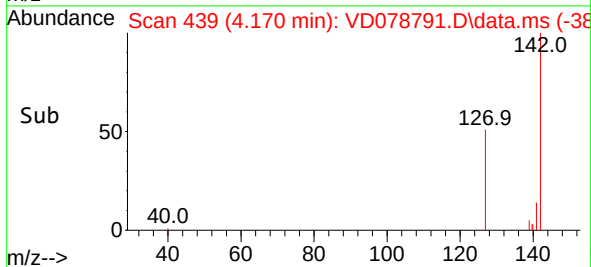
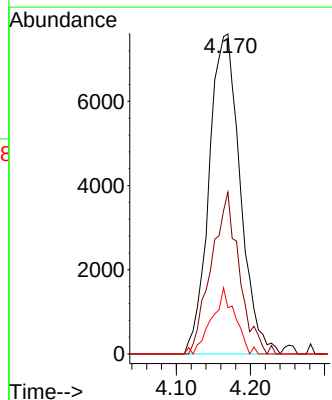
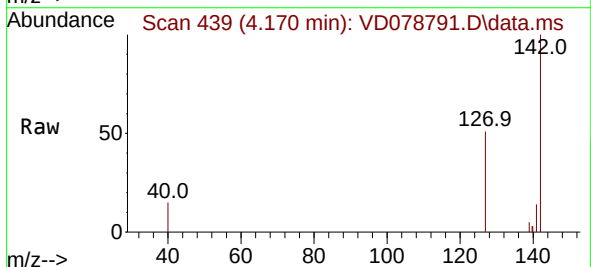
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBS01

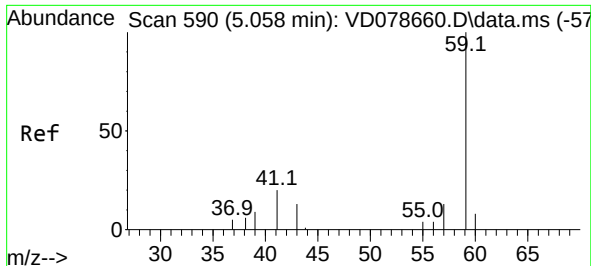
Tgt Ion:101 Resp: 24304
Ion Ratio Lower Upper
101 100
85 43.8 35.8 53.6
151 70.3 59.4 89.2



#10
Methyl Iodide
Concen: 15.815 ug/l
RT: 4.170 min Scan# 439
Delta R.T. 0.006 min
Lab File: VD078791.D
Acq: 29 Mar 2024 13:47

Tgt Ion:142 Resp: 22144
Ion Ratio Lower Upper
142 100
127 45.6 33.5 50.3
141 15.5 11.7 17.5

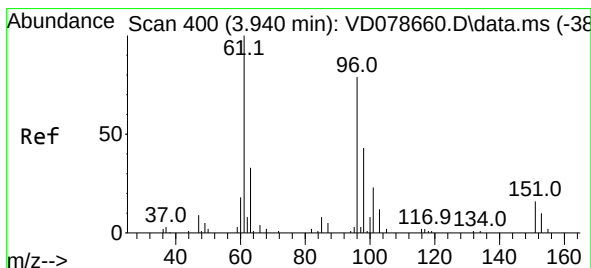
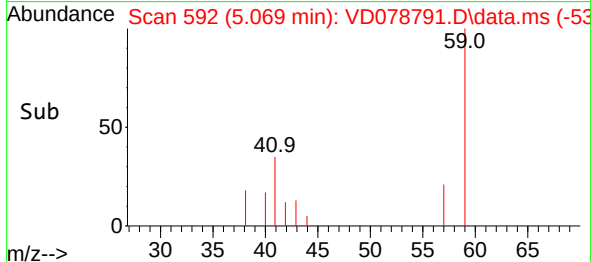
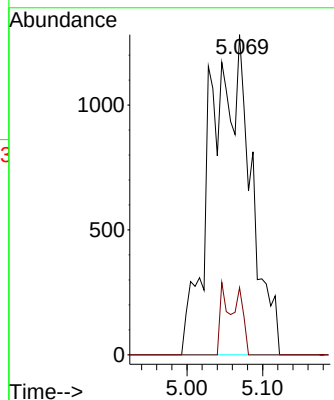
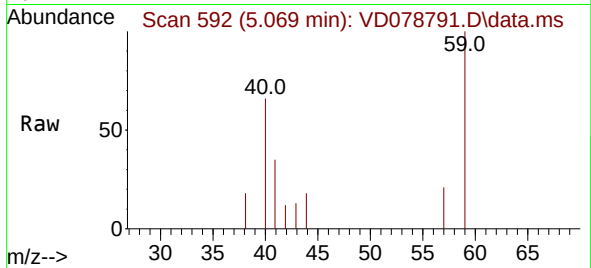




#11
Tert butyl alcohol
Concen: 102.743 ug/l m
RT: 5.069 min Scan# 591
Delta R.T. 0.012 min
Lab File: VD078791.D
Acq: 29 Mar 2024 13:47

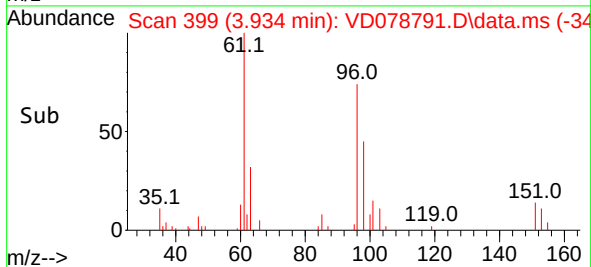
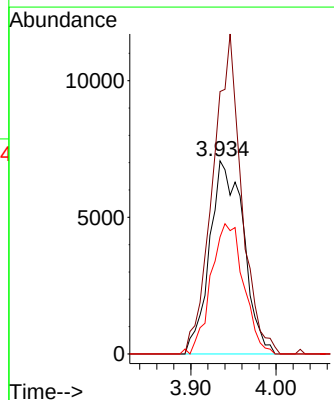
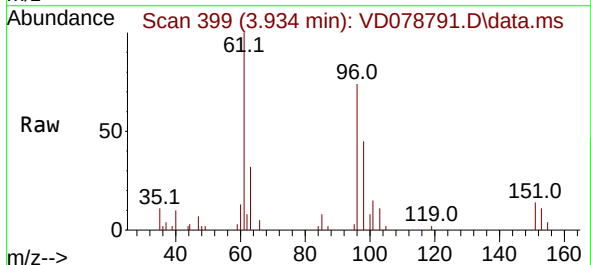
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBS01

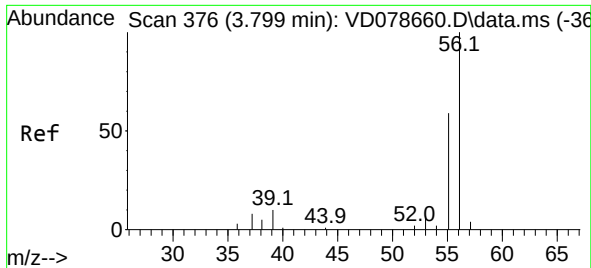
Tgt Ion: 59 Resp: 4739
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 17.380 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD078791.D
Acq: 29 Mar 2024 13:47

Tgt Ion: 96 Resp: 19557
Ion Ratio Lower Upper
96 100
61 135.9 101.4 152.0
98 60.6 43.4 65.0

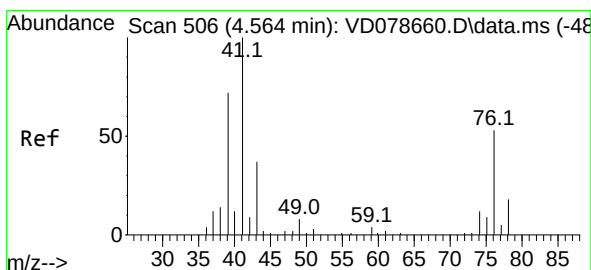
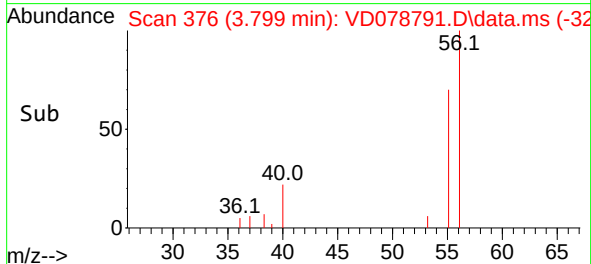
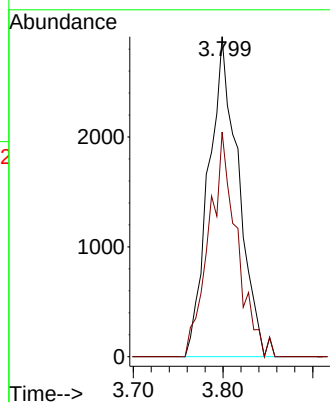
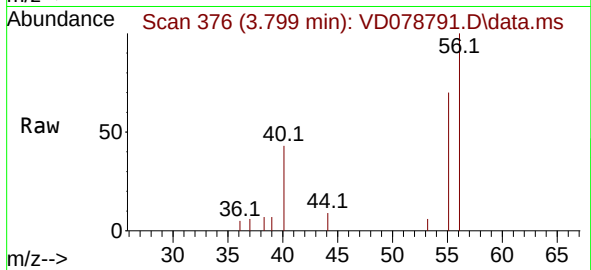




#13
Acrolein
Concen: 93.227 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD078791.D
Acq: 29 Mar 2024 13:47

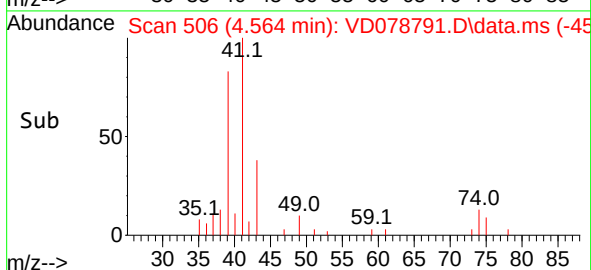
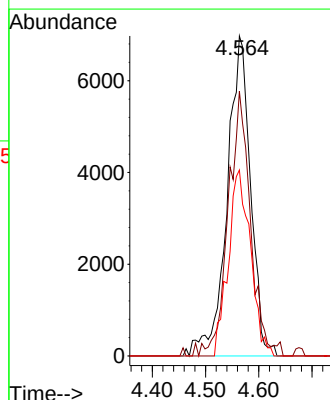
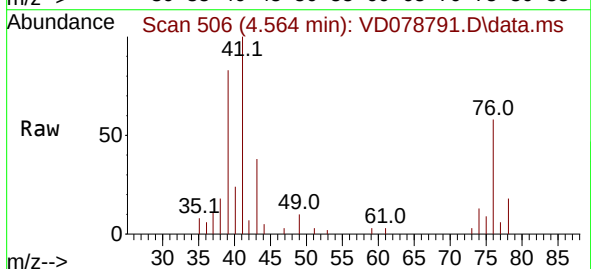
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBS01

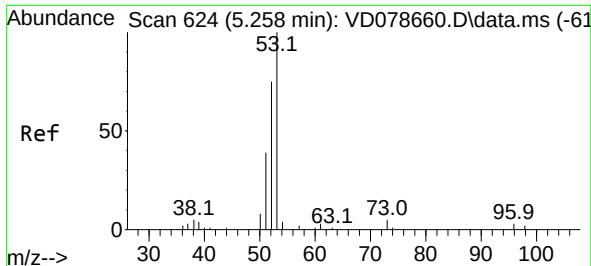
Tgt Ion: 56 Resp: 6736
Ion Ratio Lower Upper
56 100
55 66.0 54.9 82.3



#14
Allyl chloride
Concen: 17.001 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD078791.D
Acq: 29 Mar 2024 13:47

Tgt Ion: 41 Resp: 21346
Ion Ratio Lower Upper
41 100
39 77.1 57.8 86.6
76 55.0 44.8 67.2

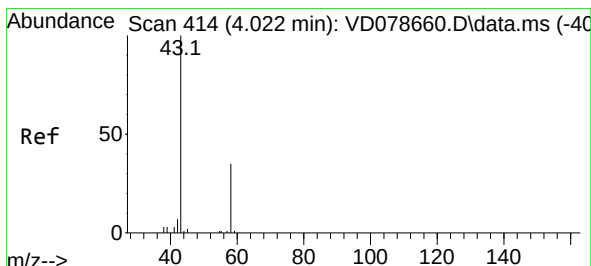
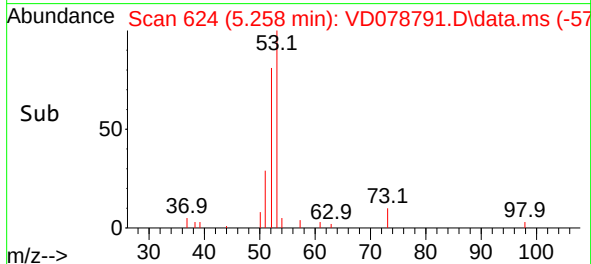
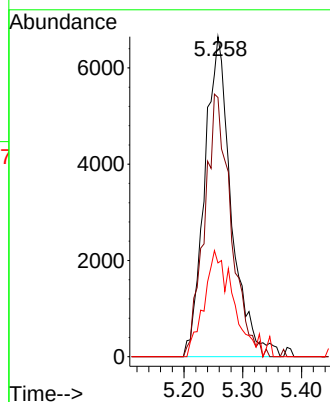
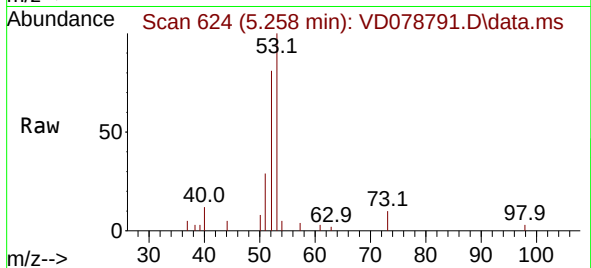




#15
Acrylonitrile
Concen: 94.561 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078791.D
Acq: 29 Mar 2024 13:47

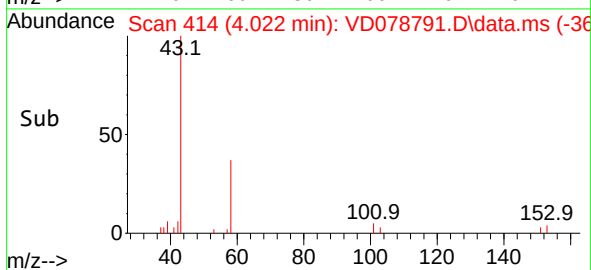
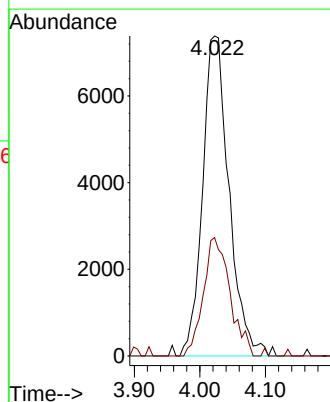
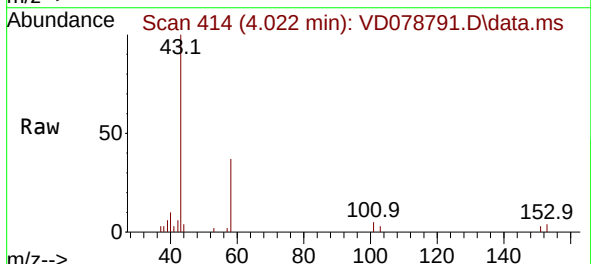
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBS01

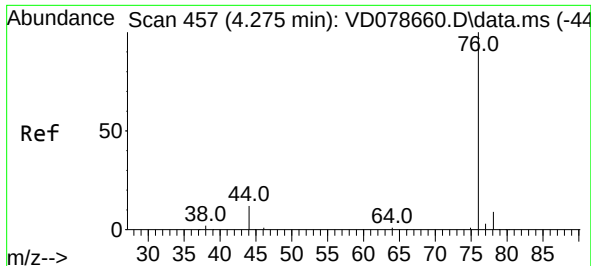
Tgt Ion:	53	Resp:	20992
Ion	Ratio	Lower	Upper
53	100		
52	81.1	61.9	92.9
51	36.3	29.0	43.4



#16
Acetone
Concen: 103.997 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD078791.D
Acq: 29 Mar 2024 13:47

Tgt Ion:	43	Resp:	20727
Ion	Ratio	Lower	Upper
43	100		
58	37.0	28.2	42.4

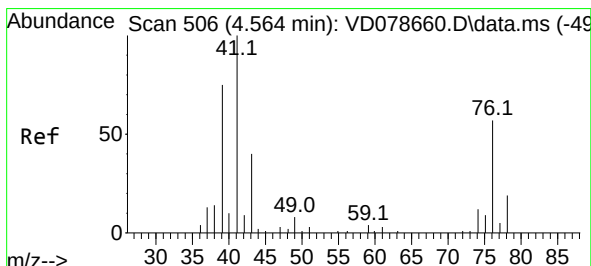
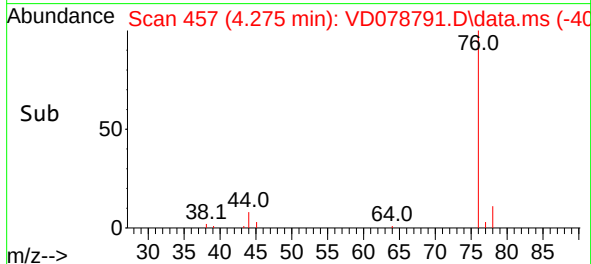
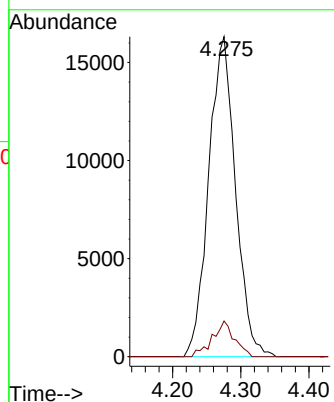
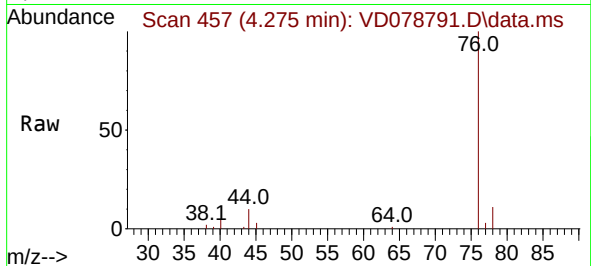




#17
Carbon Disulfide
Concen: 12.105 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD078791.D
Acq: 29 Mar 2024 13:47

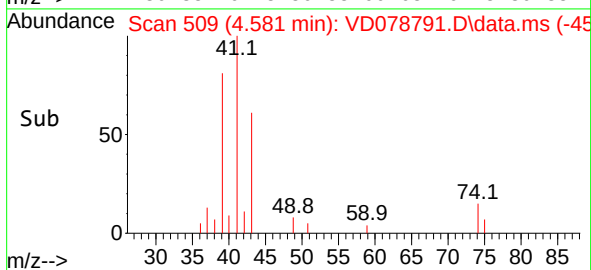
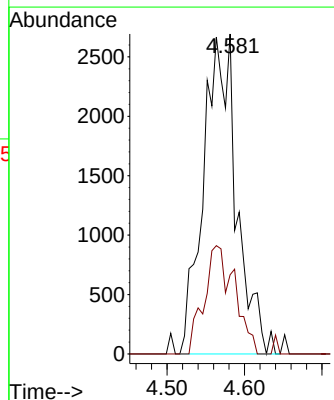
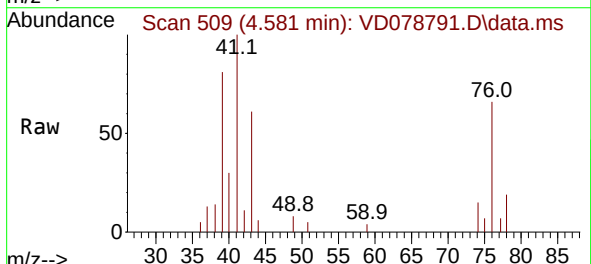
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBS01

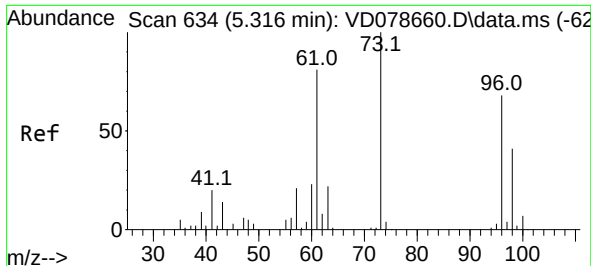
Tgt Ion: 76 Resp: 44654
Ion Ratio Lower Upper
76 100
78 11.2 7.3 10.9#



#18
Methyl Acetate
Concen: 18.662 ug/l
RT: 4.581 min Scan# 509
Delta R.T. 0.017 min
Lab File: VD078791.D
Acq: 29 Mar 2024 13:47

Tgt Ion: 43 Resp: 7982
Ion Ratio Lower Upper
43 100
74 31.2 25.3 37.9

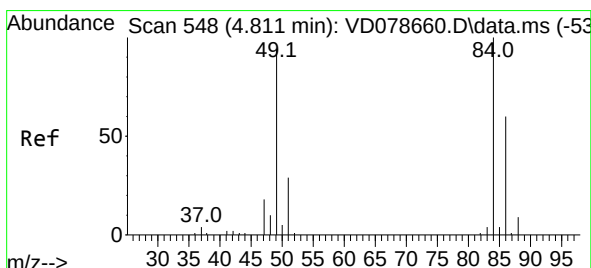
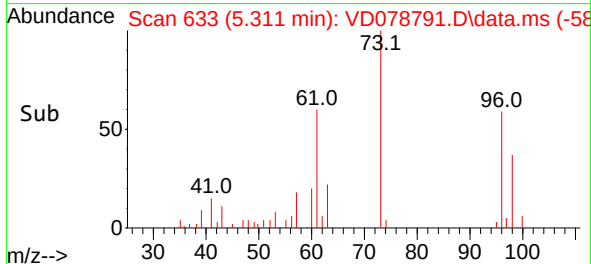
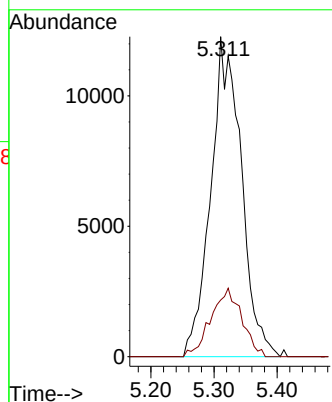
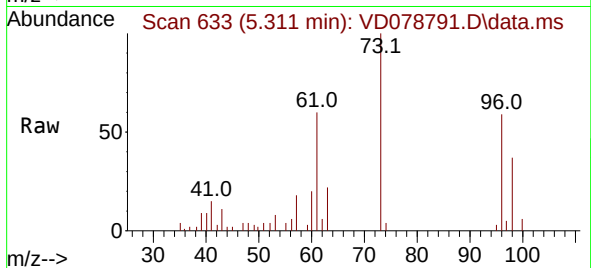




#19
Methyl tert-butyl Ether
Concen: 18.137 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD078791.D
Acq: 29 Mar 2024 13:47

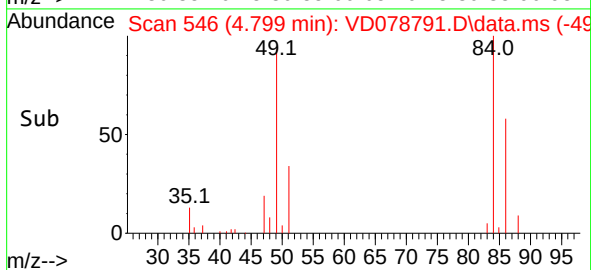
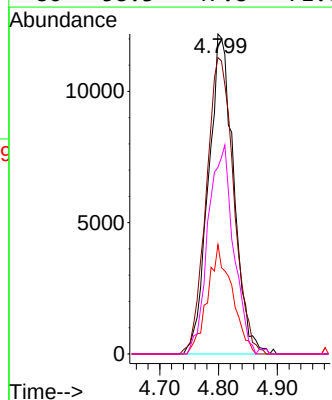
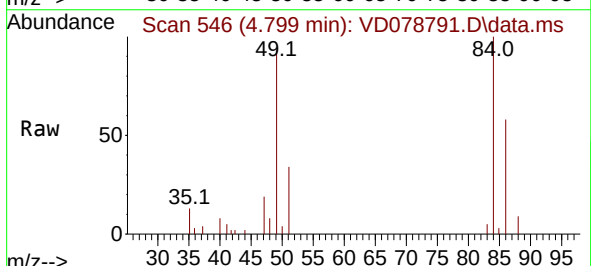
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBS01

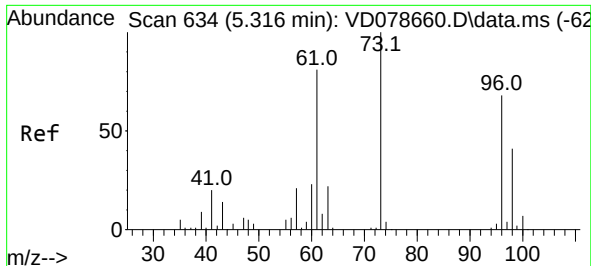
Tgt Ion: 73 Resp: 41157
Ion Ratio Lower Upper
73 100
57 17.7 16.4 24.6



#20
Methylene Chloride
Concen: 24.242 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.012 min
Lab File: VD078791.D
Acq: 29 Mar 2024 13:47

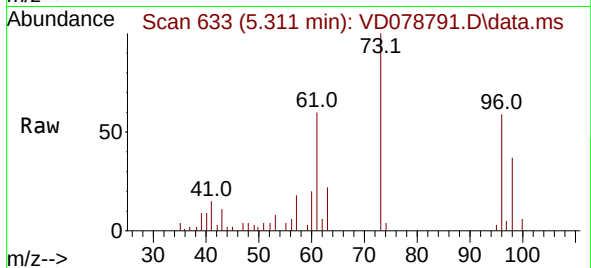
Tgt Ion: 84 Resp: 36350
Ion Ratio Lower Upper
84 100
49 92.6 75.6 113.4
51 34.2 23.4 35.0
86 58.3 47.8 71.6





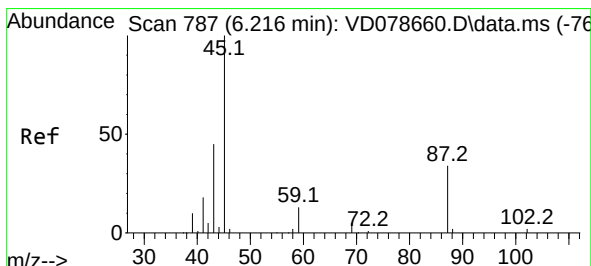
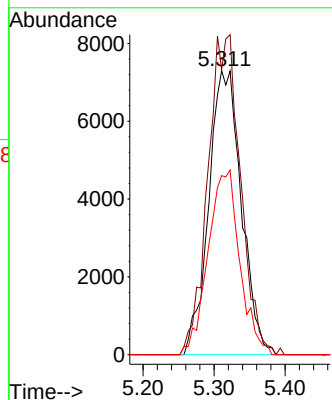
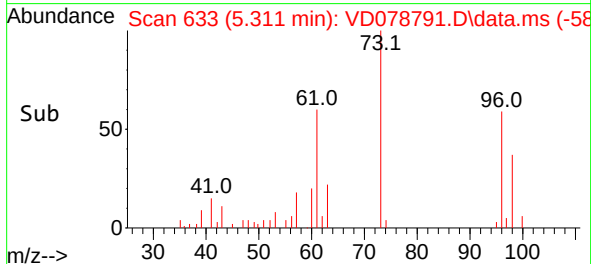
#21
trans-1,2-Dichloroethene
Concen: 17.514 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD078791.D
Acq: 29 Mar 2024 13:47

Instrument :
MSVOA_D
ClientSampleId :
VD0329SBS01

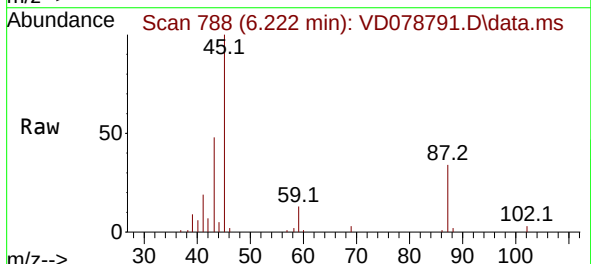


Tgt Ion: 96 Resp: 23254

Ion	Ratio	Lower	Upper
96	100		
61	100.4	96.1	144.1
98	63.0	48.9	73.3

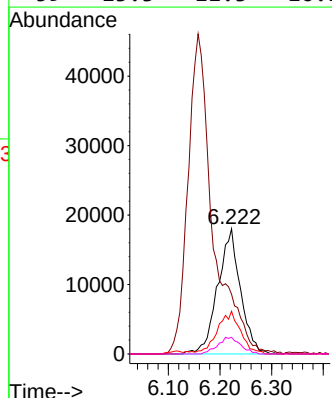
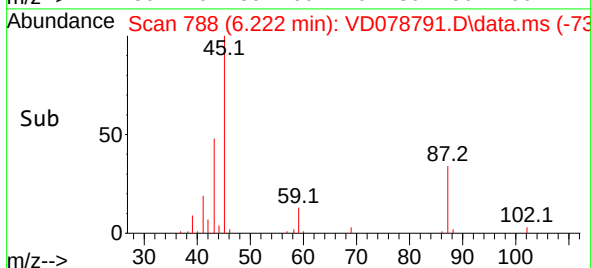


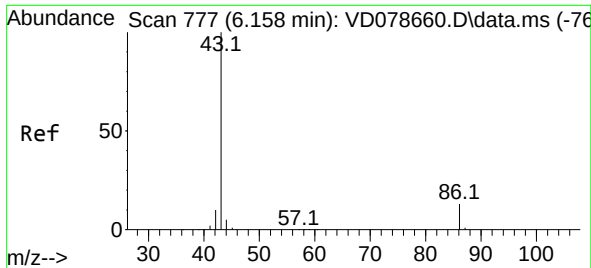
#22
Diisopropyl ether
Concen: 19.231 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD078791.D
Acq: 29 Mar 2024 13:47



Tgt Ion: 45 Resp: 54898

Ion	Ratio	Lower	Upper
45	100		
43	46.1	44.3	66.5
87	34.1	28.3	42.5
59	13.3	11.3	16.9

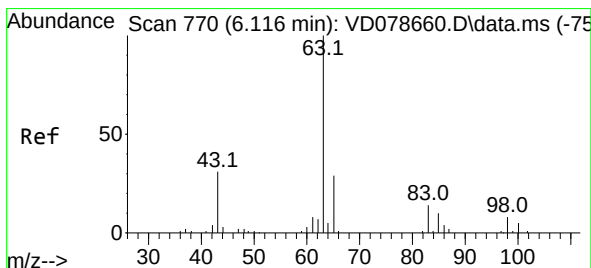
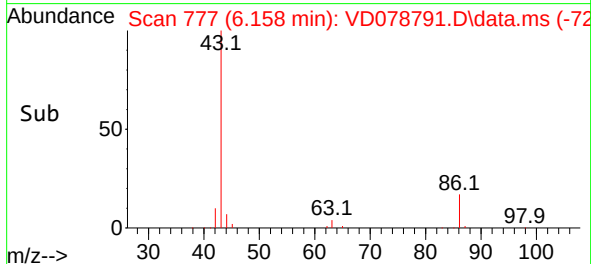
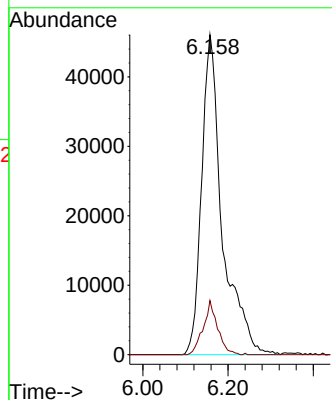
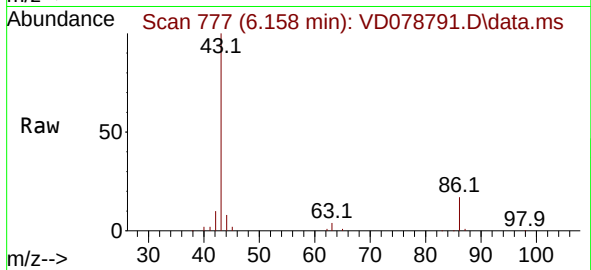




#23
 Vinyl Acetate
 Concen: 92.869 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD078791.D
 Acq: 29 Mar 2024 13:47

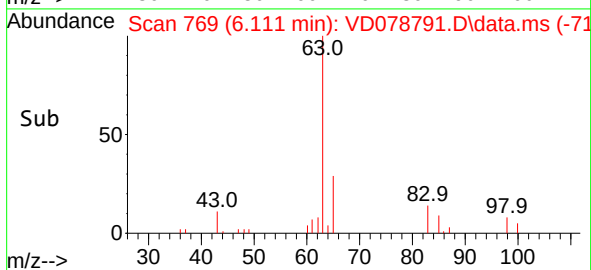
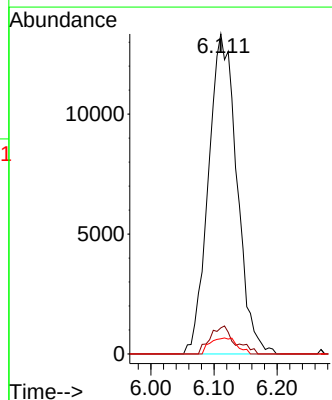
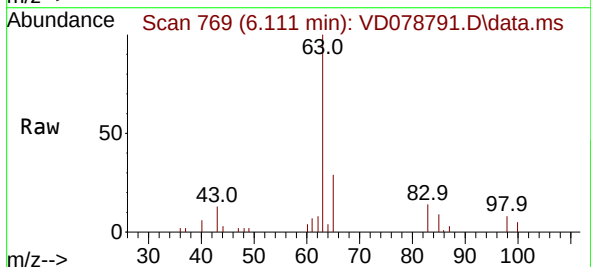
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0329SBS01

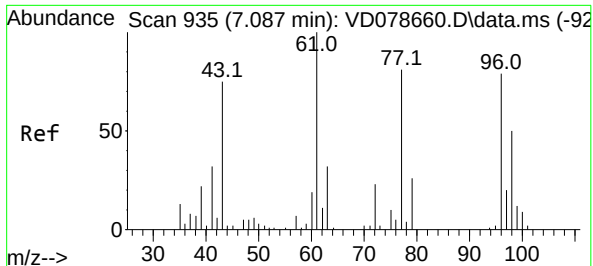
Tgt Ion: 43 Resp: 155072
 Ion Ratio Lower Upper
 43 100
 86 16.9 10.7 16.1#



#24
 1,1-Dichloroethane
 Concen: 19.556 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD078791.D
 Acq: 29 Mar 2024 13:47

Tgt Ion: 63 Resp: 41854
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.0 11.9
 100 4.8 2.7 8.1

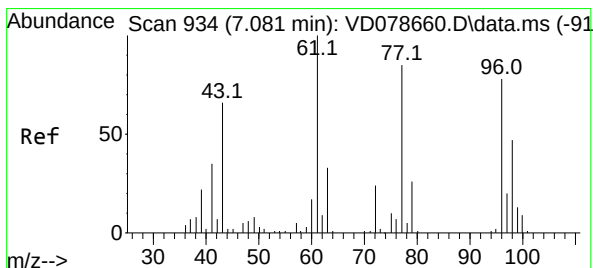
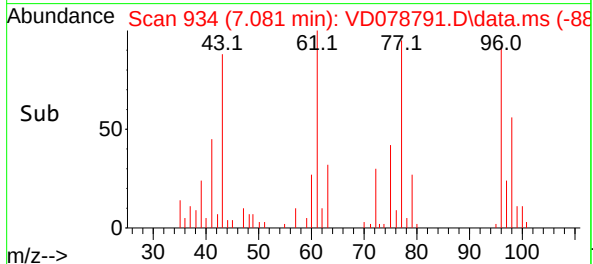
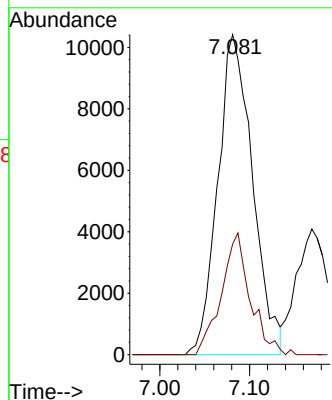
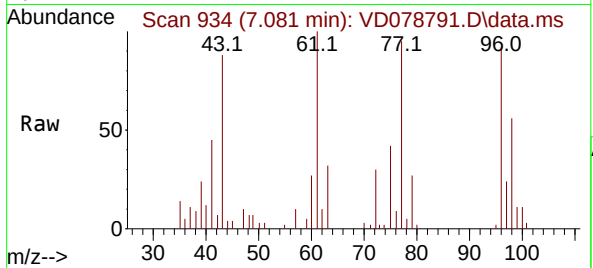




#25
2-Butanone
Concen: 105.787 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078791.D
Acq: 29 Mar 2024 13:47

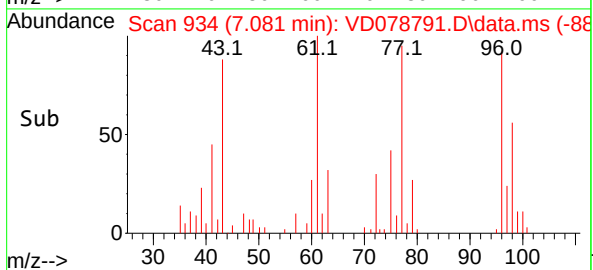
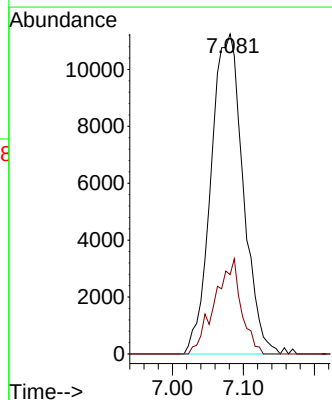
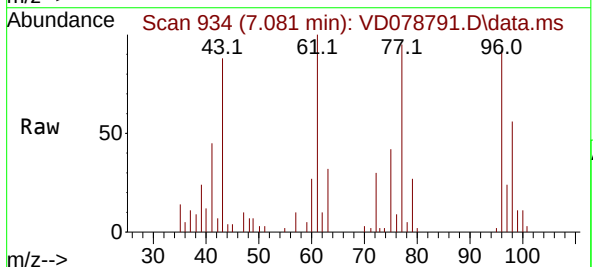
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBS01

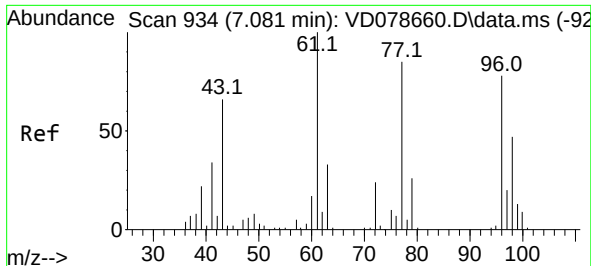
Tgt Ion: 43 Resp: 28031
Ion Ratio Lower Upper
43 100
72 34.6 25.0 37.6



#26
2,2-Dichloropropane
Concen: 19.495 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD078791.D
Acq: 29 Mar 2024 13:47

Tgt Ion: 77 Resp: 35300
Ion Ratio Lower Upper
77 100
97 24.6 12.4 37.0





#27

cis-1,2-Dichloroethene

Concen: 19.041 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD078791.D

Acq: 29 Mar 2024 13:47

Instrument :

MSVOA_D

ClientSampleId :

VD0329SBS01

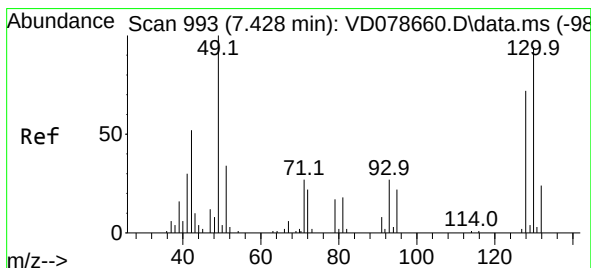
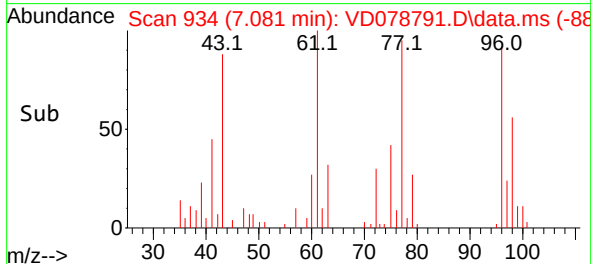
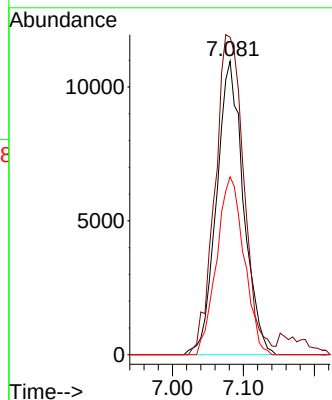
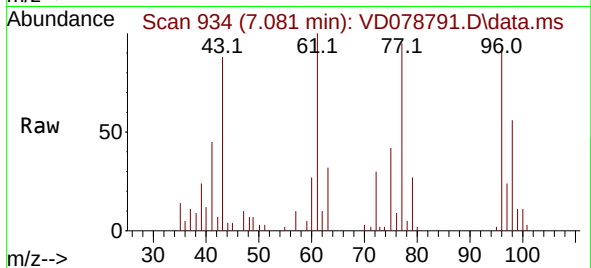
Tgt Ion: 96 Resp: 28835

Ion Ratio Lower Upper

96 100

61 116.9 0.0 245.0

98 61.7 0.0 126.6



#28

Bromochloromethane

Concen: 19.699 ug/l

RT: 7.434 min Scan# 994

Delta R.T. 0.006 min

Lab File: VD078791.D

Acq: 29 Mar 2024 13:47

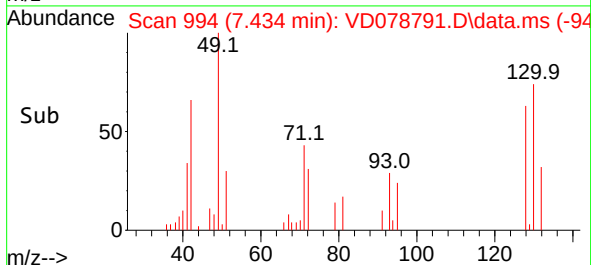
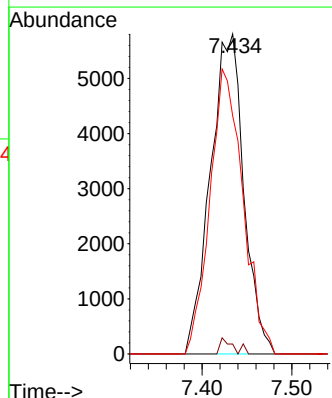
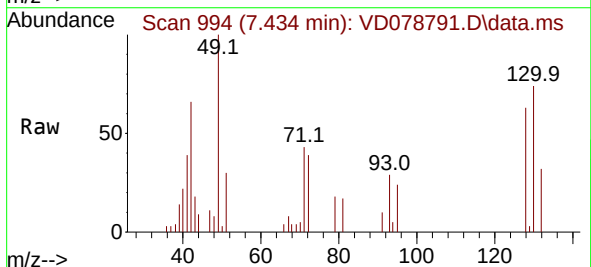
Tgt Ion: 49 Resp: 15031

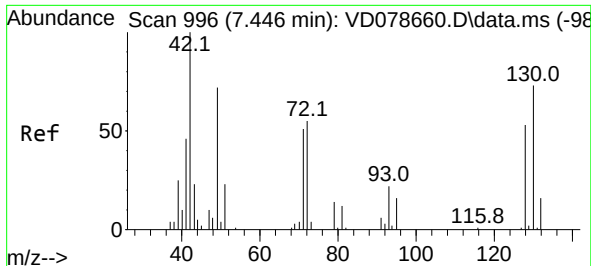
Ion Ratio Lower Upper

49 100

129 2.0 0.0 6.2

130 87.6 77.1 115.7





#29

Tetrahydrofuran

Concen: 93.532 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD078791.D

Acq: 29 Mar 2024 13:47

Instrument :

MSVOA_D

ClientSampleId :

VD0329SBS01

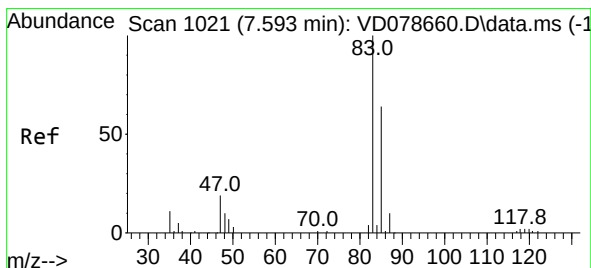
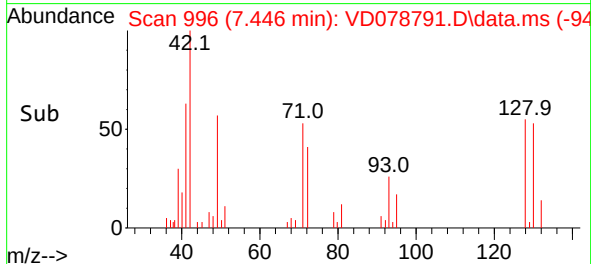
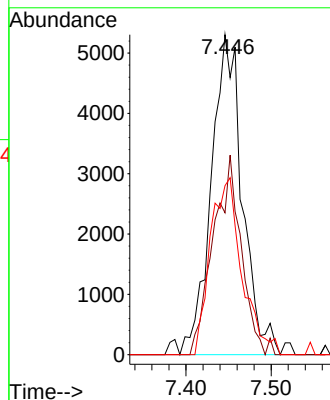
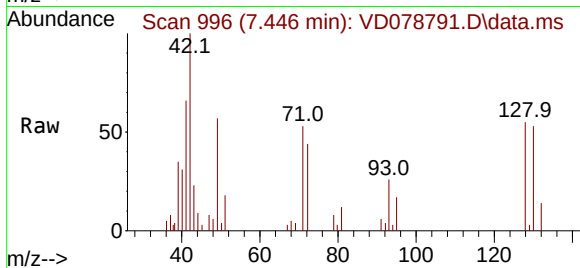
Tgt Ion: 42 Resp: 13480

Ion Ratio Lower Upper

42 100

72 56.0 43.8 65.6

71 55.9 42.0 63.0



#30

Chloroform

Concen: 19.821 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VD078791.D

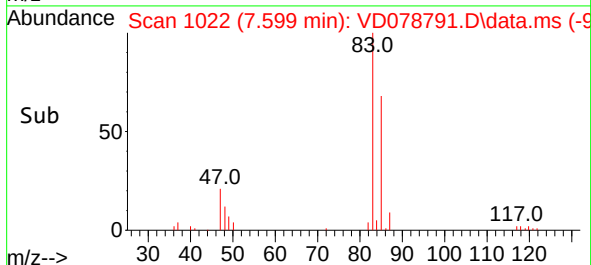
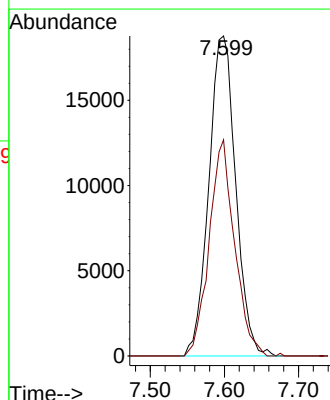
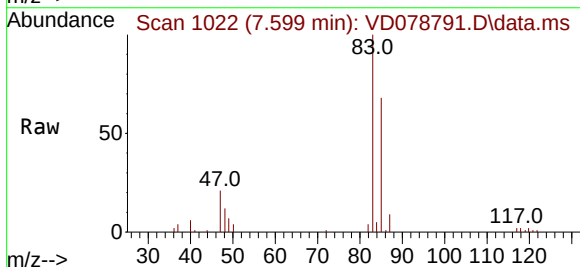
Acq: 29 Mar 2024 13:47

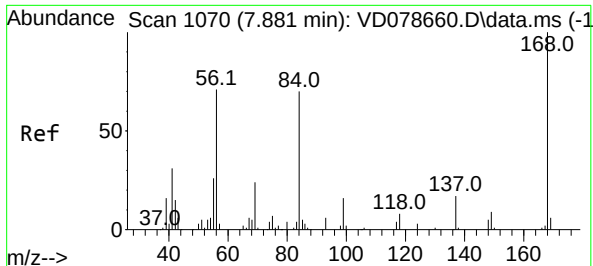
Tgt Ion: 83 Resp: 47300

Ion Ratio Lower Upper

83 100

85 67.5 51.2 76.8

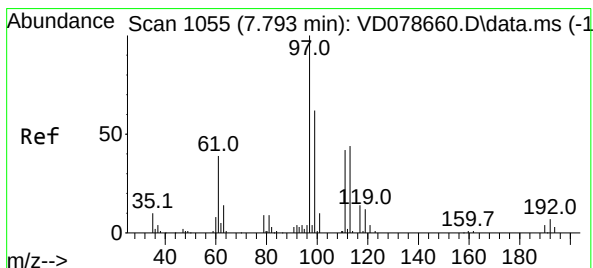
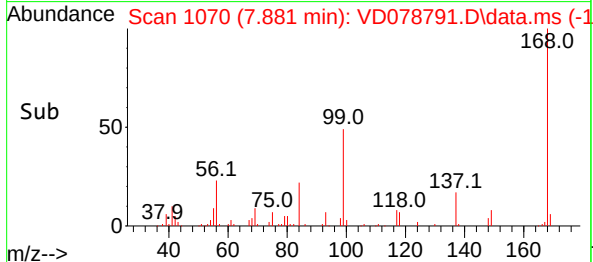
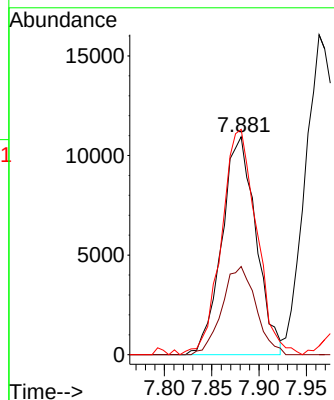
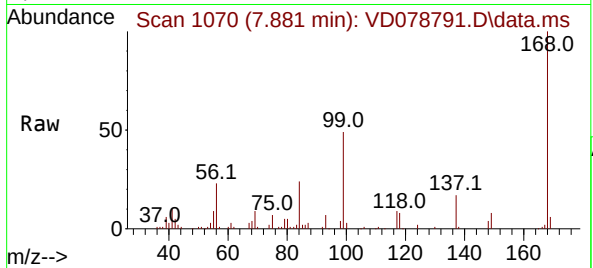




#31
Cyclohexane
Concen: 15.817 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078791.D
Acq: 29 Mar 2024 13:47

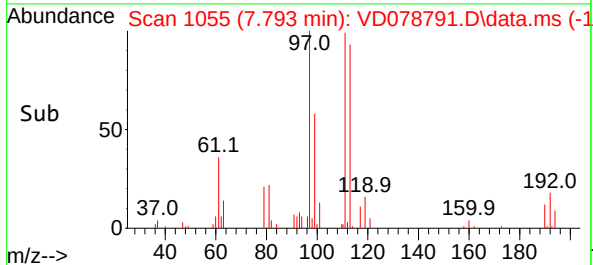
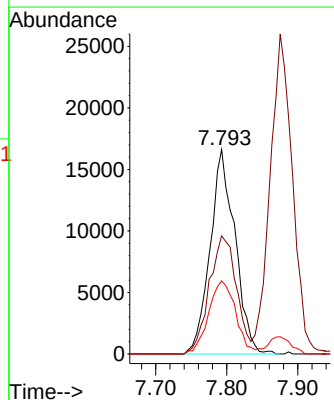
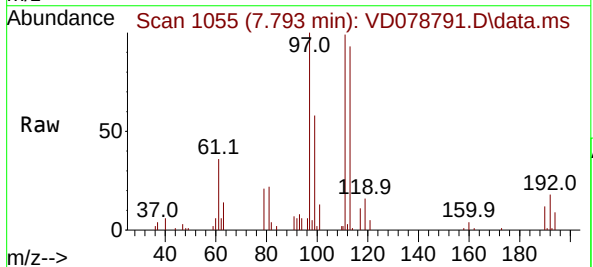
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBS01

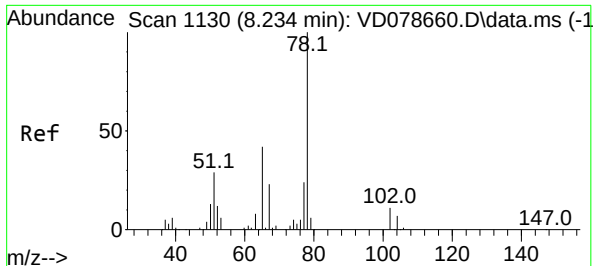
Tgt Ion: 56 Resp: 27400
Ion Ratio Lower Upper
56 100
69 40.5 26.6 40.0#
84 103.4 79.4 119.2



#32
1,1,1-Trichloroethane
Concen: 19.957 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD078791.D
Acq: 29 Mar 2024 13:47

Tgt Ion: 97 Resp: 40405
Ion Ratio Lower Upper
97 100
99 63.1 50.8 76.2
61 38.7 33.0 49.6





#33

1,2-Dichloroethane-d4

Concen: 45.993 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078791.D

Acq: 29 Mar 2024 13:47

Instrument :

MSVOA_D

ClientSampleId :

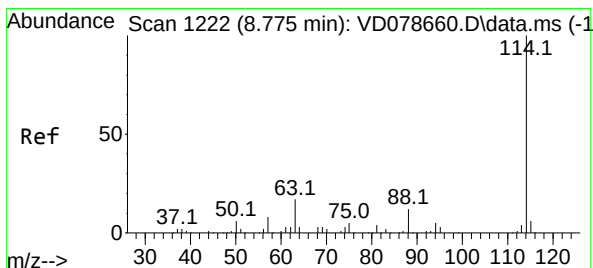
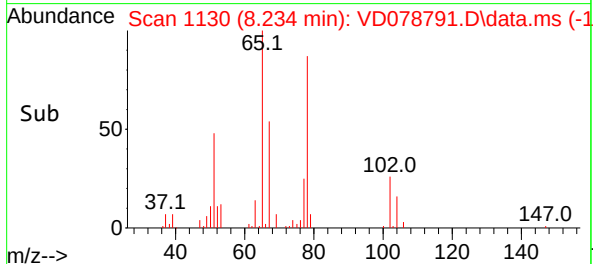
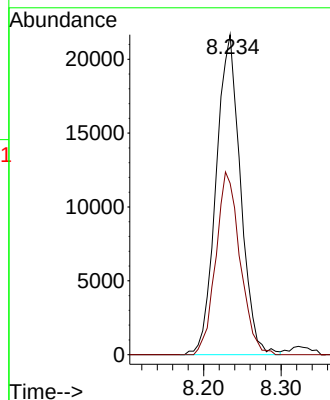
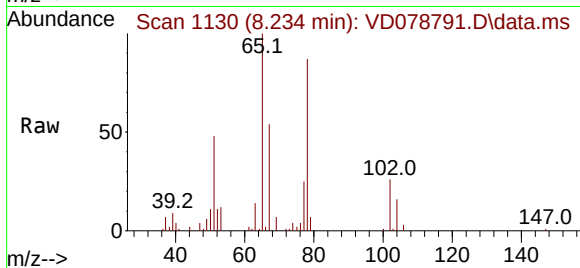
VD0329SBS01

Tgt Ion: 65 Resp: 47403

Ion Ratio Lower Upper

65 100

67 56.9 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD078791.D

Acq: 29 Mar 2024 13:47

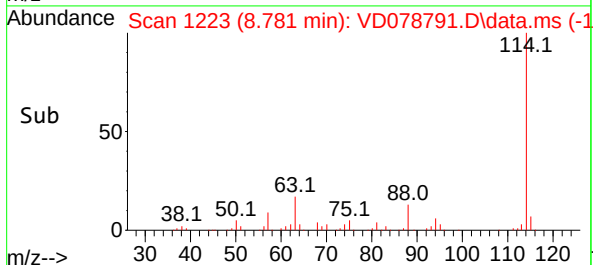
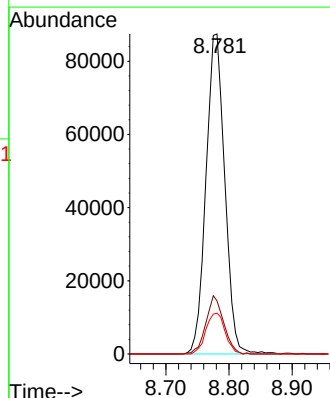
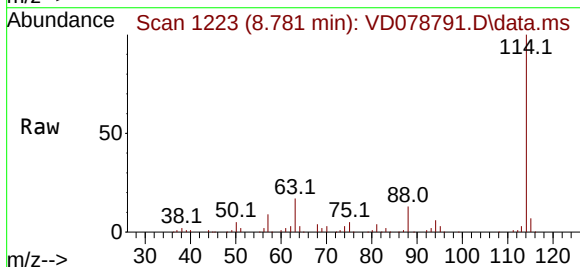
Tgt Ion: 114 Resp: 180587

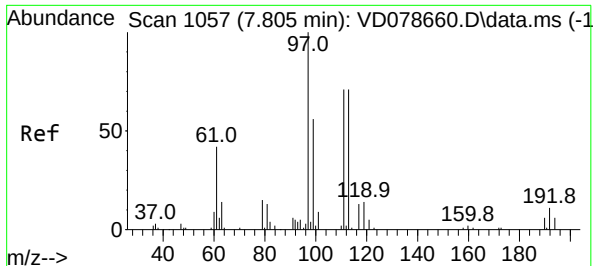
Ion Ratio Lower Upper

114 100

63 16.6 0.0 33.4

88 12.7 0.0 24.6

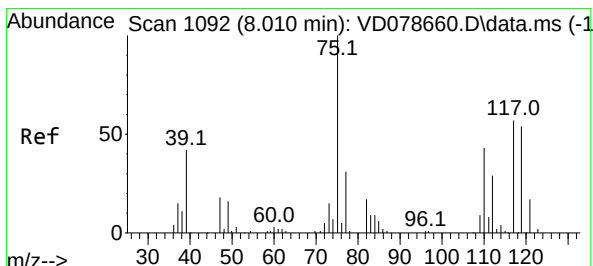
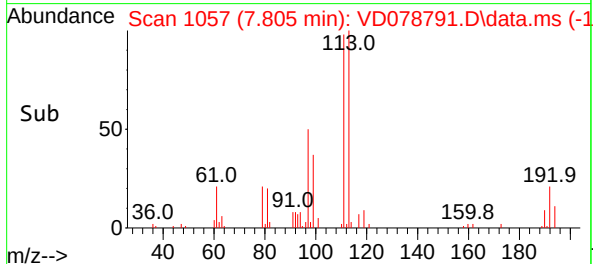
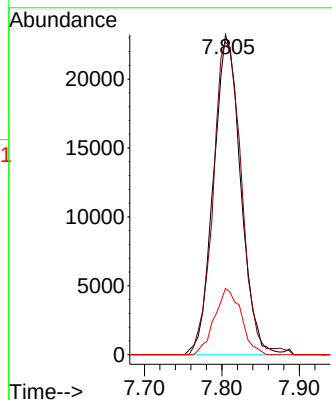
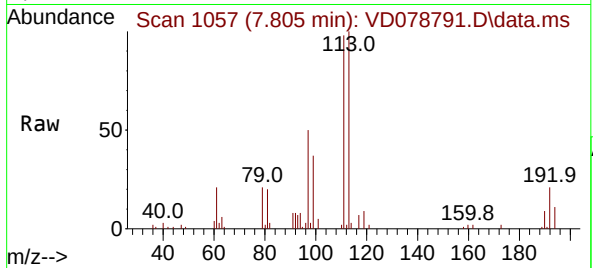




#35
Dibromofluoromethane
Concen: 48.712 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD078791.D
Acq: 29 Mar 2024 13:47

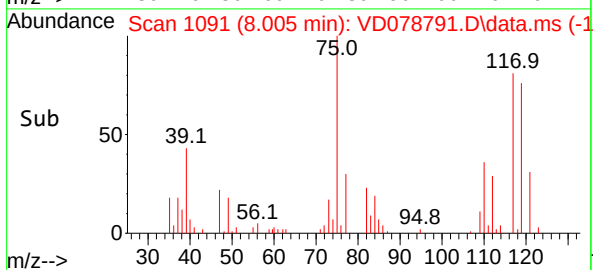
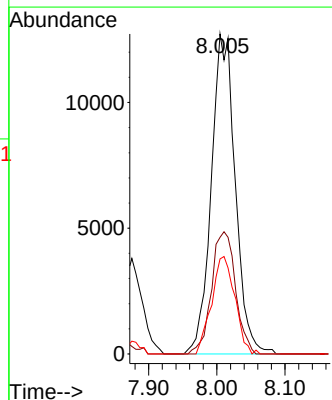
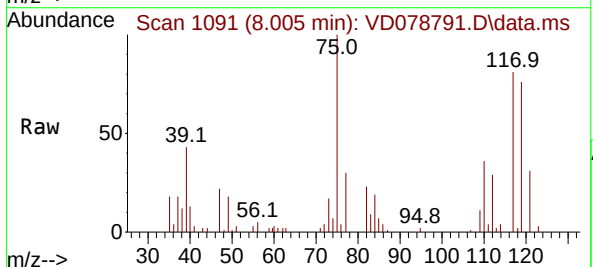
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBS01

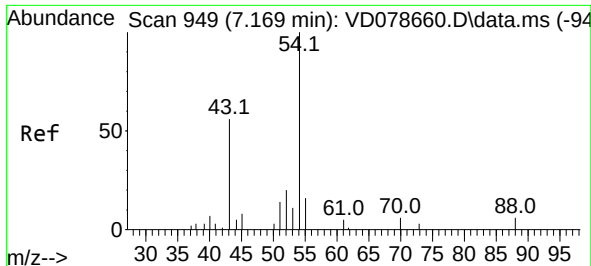
Tgt Ion:113 Resp: 56638
Ion Ratio Lower Upper
113 100
111 101.6 81.9 122.9
192 20.3 15.4 23.0



#36
1,1-Dichloropropene
Concen: 18.501 ug/l
RT: 8.005 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VD078791.D
Acq: 29 Mar 2024 13:47

Tgt Ion: 75 Resp: 31211
Ion Ratio Lower Upper
75 100
110 38.2 19.1 57.1
77 29.5 25.4 38.2





#37

Ethyl Acetate

Concen: 20.377 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD078791.D

Acq: 29 Mar 2024 13:47

Instrument :

MSVOA_D

ClientSampleId :

VD0329SBS01

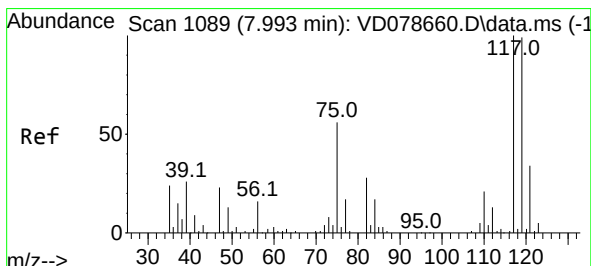
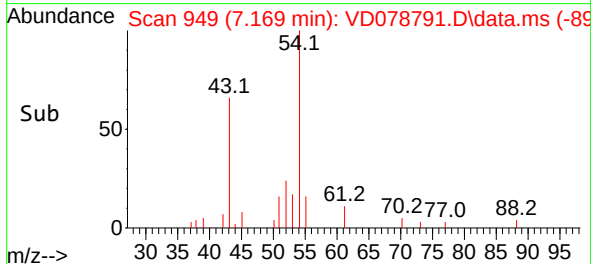
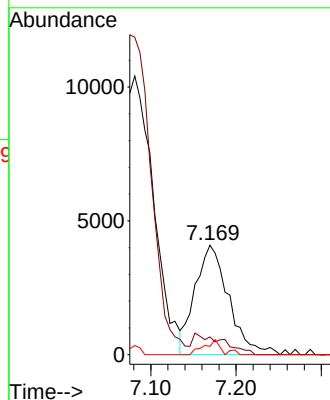
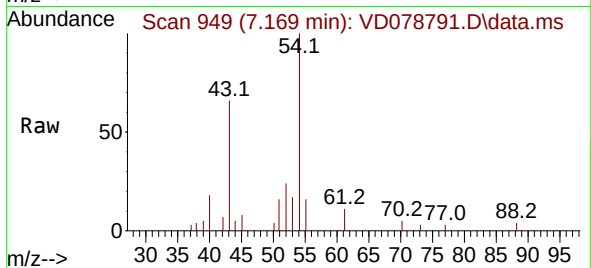
Tgt Ion: 43 Resp: 11230

Ion Ratio Lower Upper

43 100

61 0.0 14.6 21.8#

70 6.1 9.4 14.0#



#38

Carbon Tetrachloride

Concen: 19.354 ug/l

RT: 7.999 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD078791.D

Acq: 29 Mar 2024 13:47

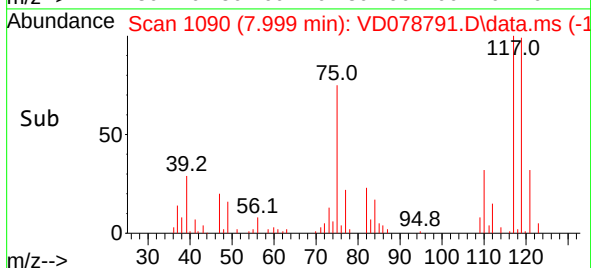
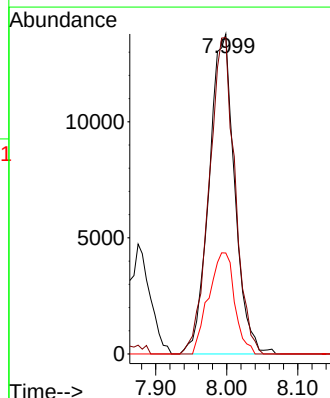
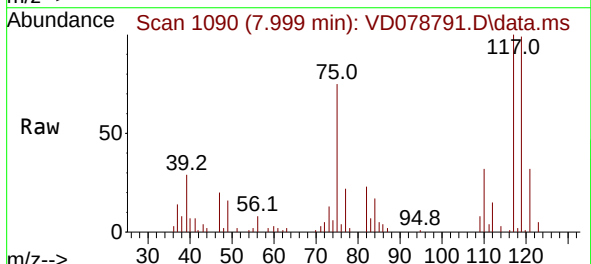
Tgt Ion: 117 Resp: 34421

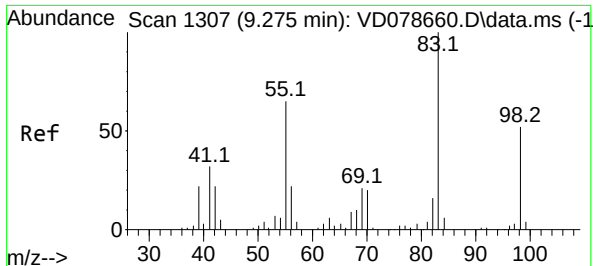
Ion Ratio Lower Upper

117 100

119 98.9 79.2 118.8

121 31.5 26.8 40.2

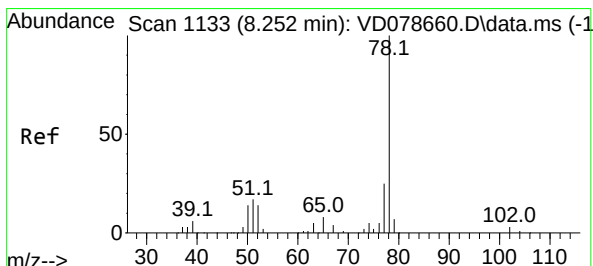
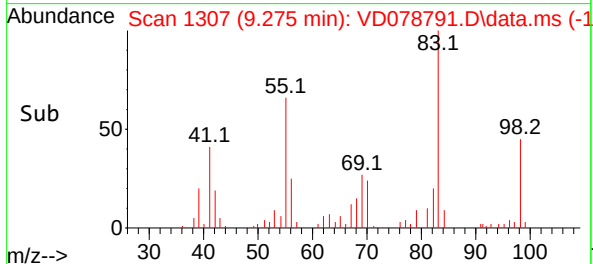
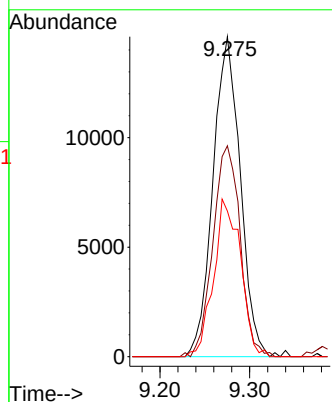
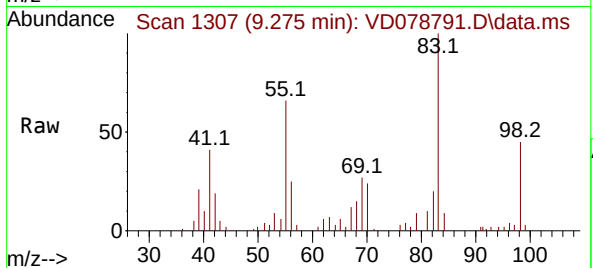




#39
Methylcyclohexane
Concen: 15.776 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. 0.000 min
Lab File: VD078791.D
Acq: 29 Mar 2024 13:47

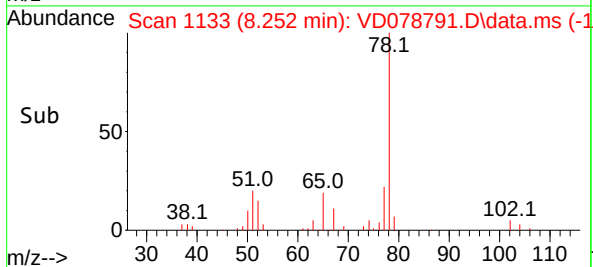
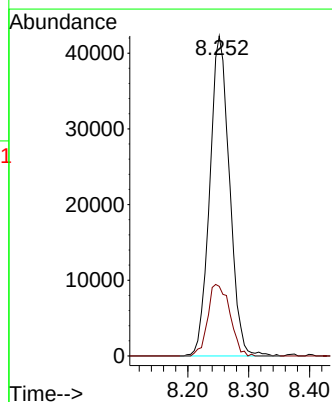
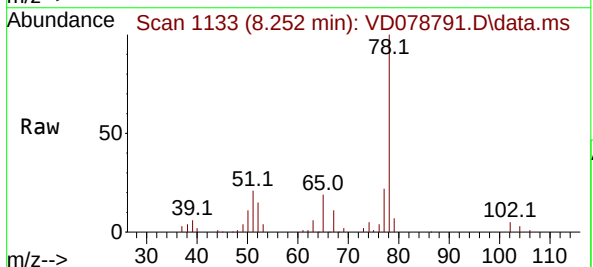
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBS01

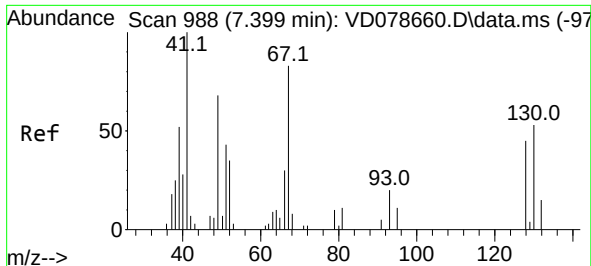
Tgt Ion: 83 Resp: 30873
Ion Ratio Lower Upper
83 100
55 65.9 51.7 77.5
98 45.5 41.4 62.0



#40
Benzene
Concen: 18.672 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD078791.D
Acq: 29 Mar 2024 13:47

Tgt Ion: 78 Resp: 95218
Ion Ratio Lower Upper
78 100
77 21.8 20.4 30.6

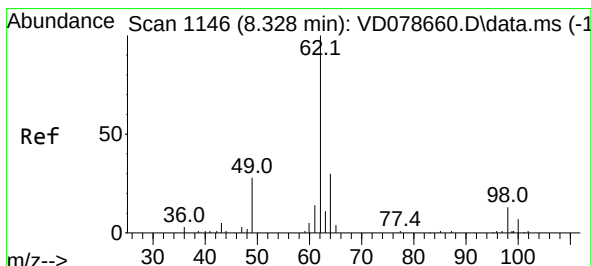
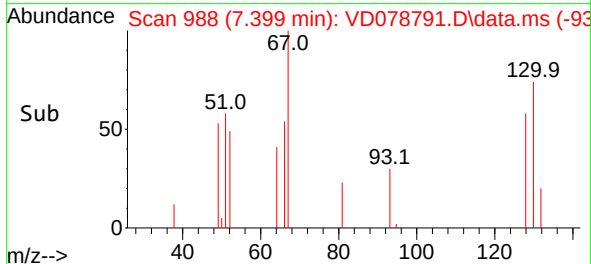
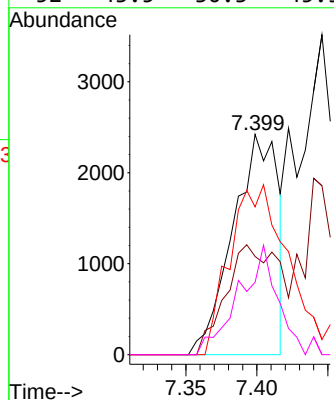
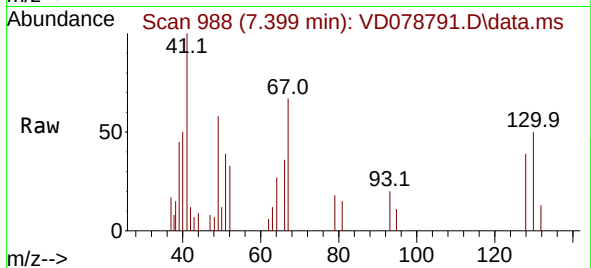




#41
Methacrylonitrile
Concen: 18.524 ug/l
RT: 7.399 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078791.D
Acq: 29 Mar 2024 13:47

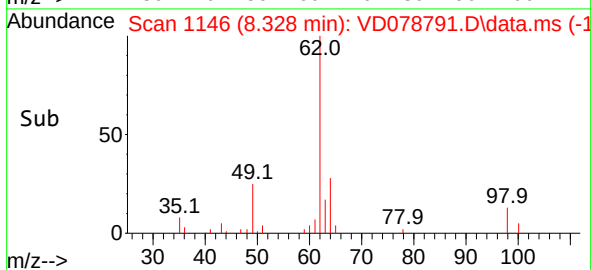
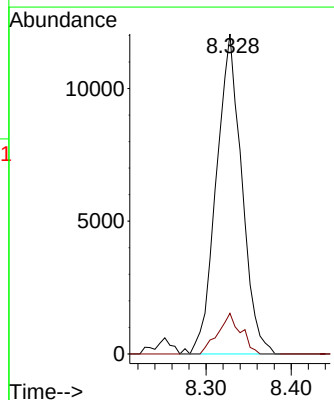
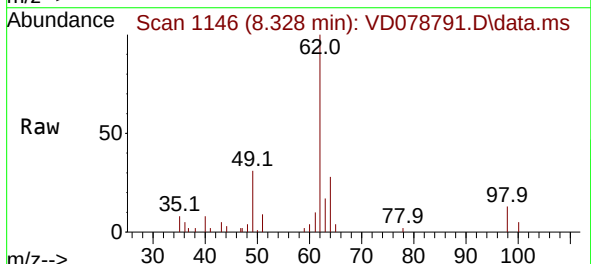
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBS01

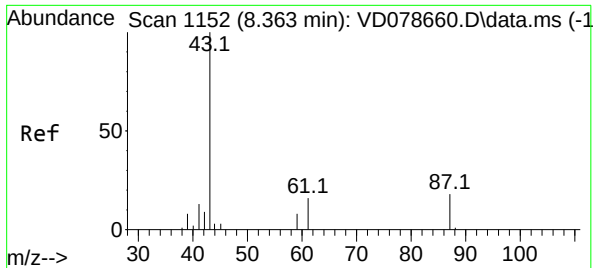
Tgt Ion: 41 Resp: 5350
Ion Ratio Lower Upper
41 100
39 59.8 39.8 59.6#
67 100.1 83.5 125.3
52 43.5 30.3 45.5



#42
1,2-Dichloroethane
Concen: 20.160 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078791.D
Acq: 29 Mar 2024 13:47

Tgt Ion: 62 Resp: 25072
Ion Ratio Lower Upper
62 100
98 11.4 0.0 23.8

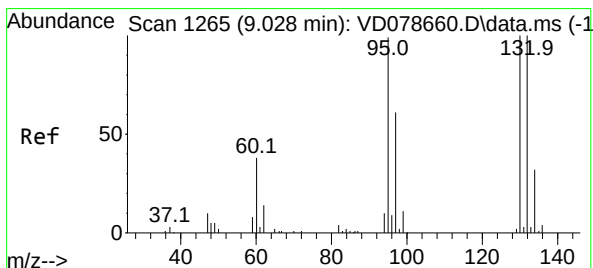
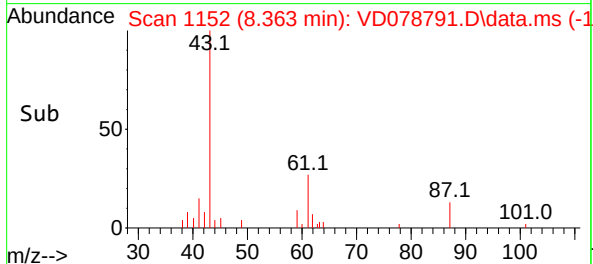
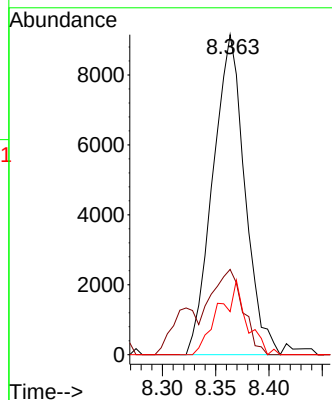
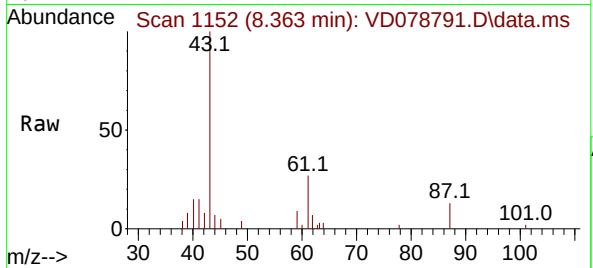




#43
Isopropyl Acetate
Concen: 19.005 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078791.D
Acq: 29 Mar 2024 13:47

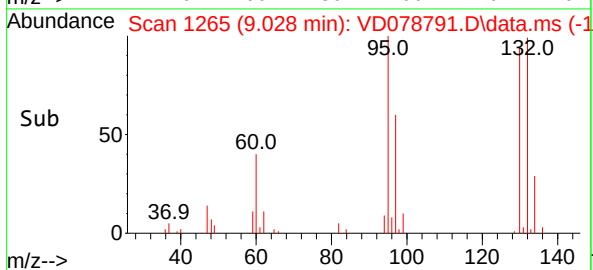
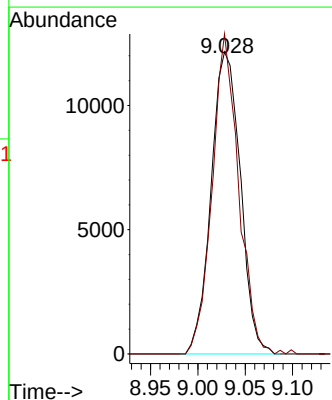
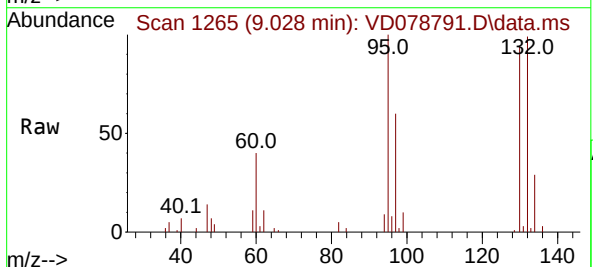
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBS01

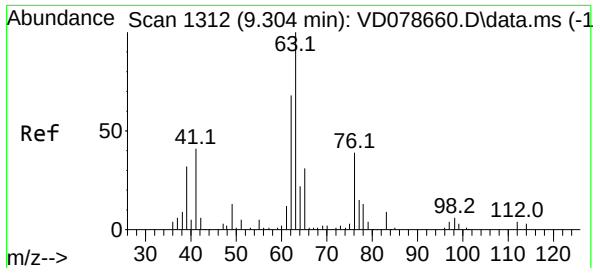
Tgt Ion: 43 Resp: 19048
Ion Ratio Lower Upper
43 100
61 27.0 30.1 45.1#
87 20.3 14.4 21.6



#44
Trichloroethene
Concen: 18.867 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD078791.D
Acq: 29 Mar 2024 13:47

Tgt Ion:130 Resp: 26111
Ion Ratio Lower Upper
130 100
95 105.9 0.0 197.8





#45

1,2-Dichloropropane

Concen: 19.841 ug/l

RT: 9.305 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD078791.D

Acq: 29 Mar 2024 13:47

Instrument :

MSVOA_D

ClientSampleId :

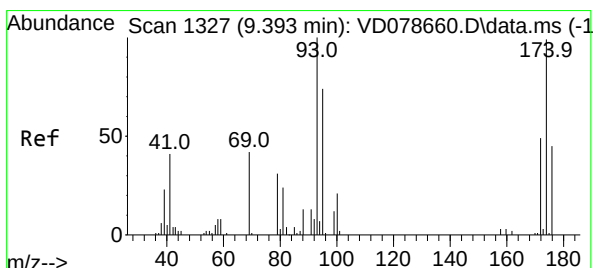
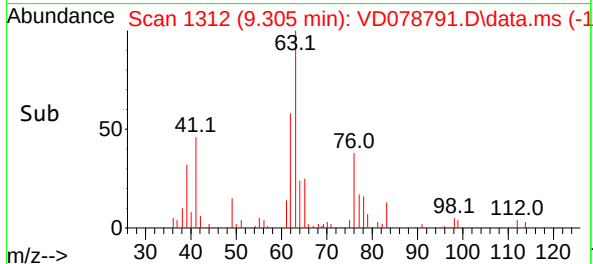
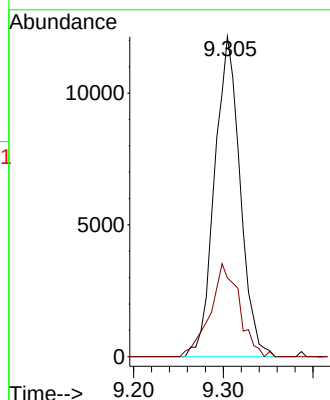
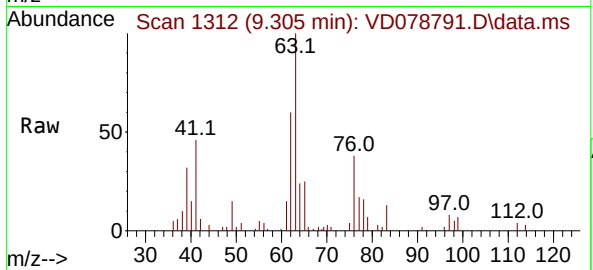
VD0329SBS01

Tgt Ion: 63 Resp: 24002

Ion Ratio Lower Upper

63 100

65 24.6 24.8 37.2#



#46

Dibromomethane

Concen: 19.481 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD078791.D

Acq: 29 Mar 2024 13:47

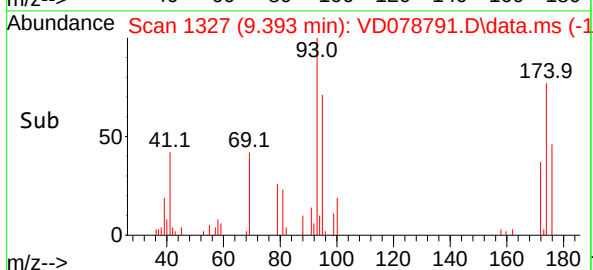
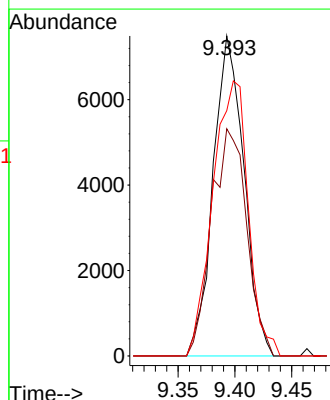
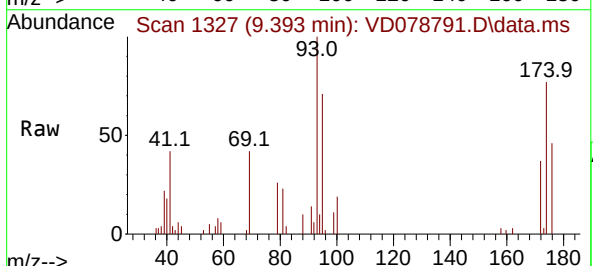
Tgt Ion: 93 Resp: 14127

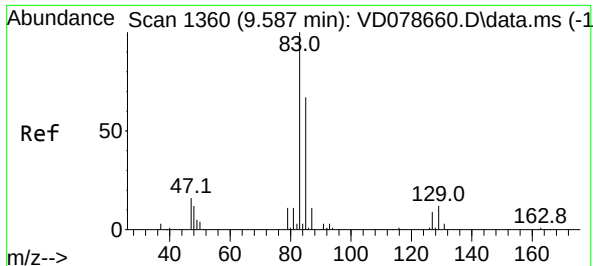
Ion Ratio Lower Upper

93 100

95 81.3 67.3 100.9

174 98.8 80.9 121.3

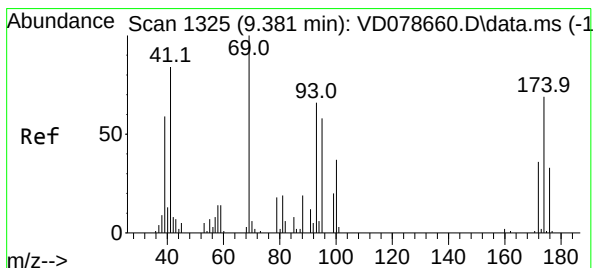
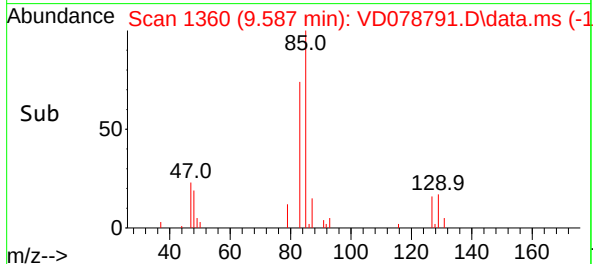
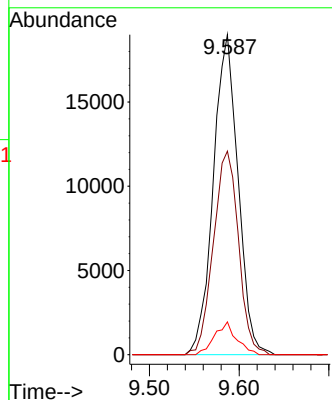
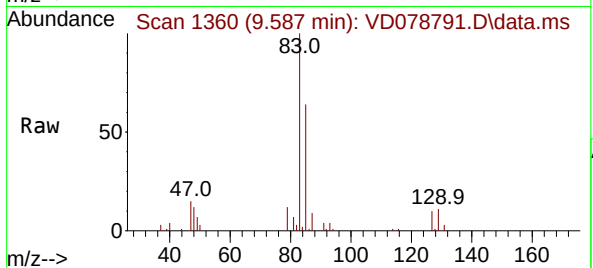




#47
Bromodichloromethane
Concen: 21.101 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD078791.D
Acq: 29 Mar 2024 13:47

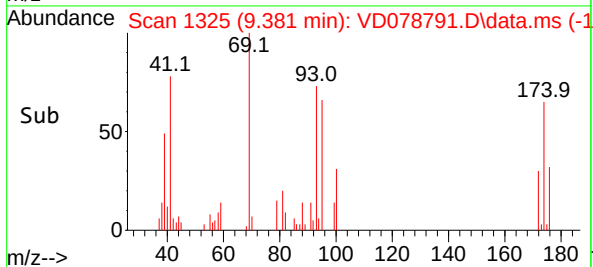
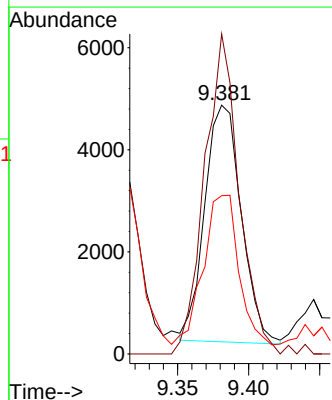
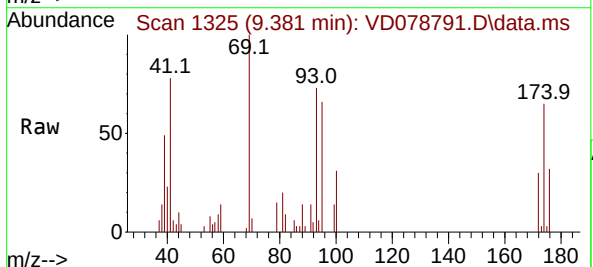
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBS01

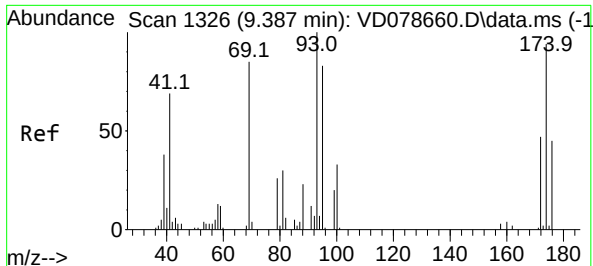
Tgt Ion: 83	Resp:	36428	
Ion	Ratio	Lower	Upper
83	100		
85	63.6	54.0	81.0
127	10.3	7.1	10.7



#48
Methyl methacrylate
Concen: 17.041 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078791.D
Acq: 29 Mar 2024 13:47

Tgt Ion: 41	Resp:	8322	
Ion	Ratio	Lower	Upper
41	100		
69	126.8	88.3	132.5
39	69.9	46.6	69.8#





#49

1,4-Dioxane

Concen: 393.189 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078791.D

Acq: 29 Mar 2024 13:47

Instrument :

MSVOA_D

ClientSampleId :

VD0329SBS01

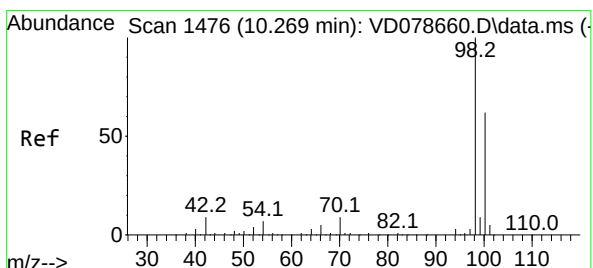
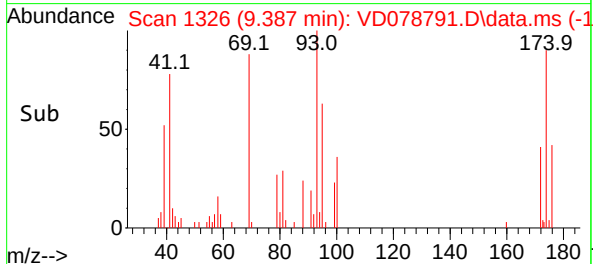
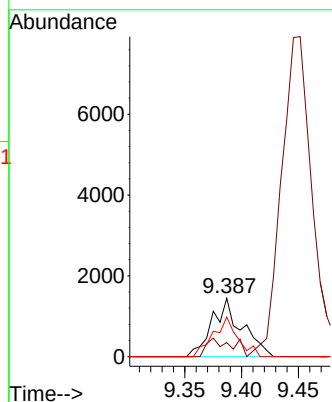
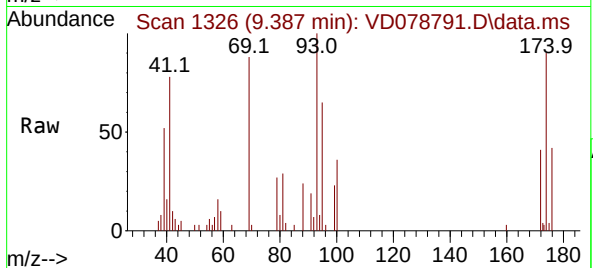
Tgt Ion: 88 Resp: 2640

Ion Ratio Lower Upper

88 100

43 26.7 23.2 34.8

58 55.8 51.0 76.6



#50

Toluene-d8

Concen: 48.199 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078791.D

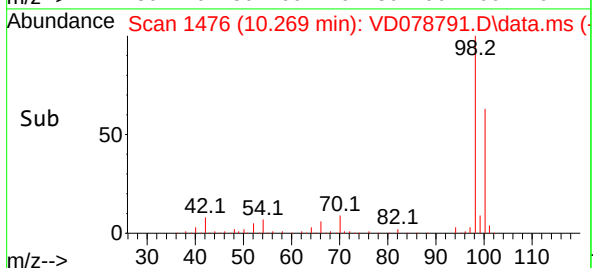
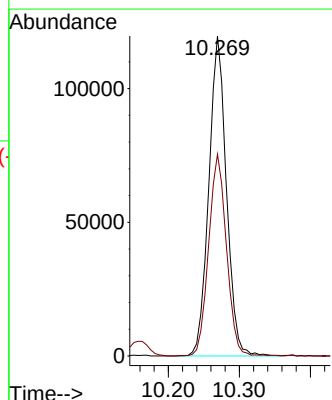
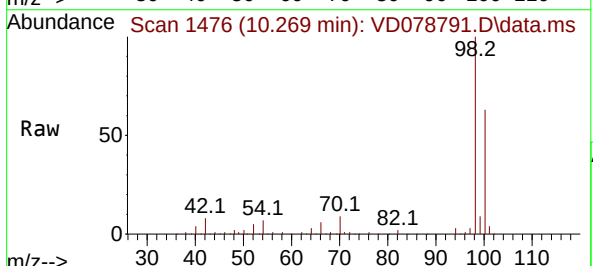
Acq: 29 Mar 2024 13:47

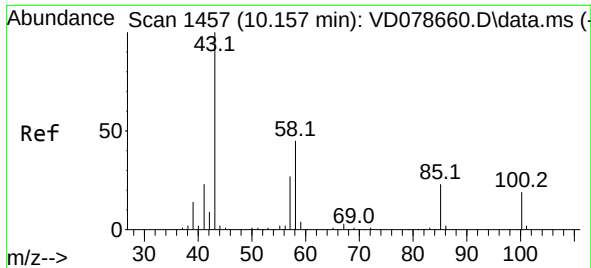
Tgt Ion: 98 Resp: 206104

Ion Ratio Lower Upper

98 100

100 63.8 50.5 75.7

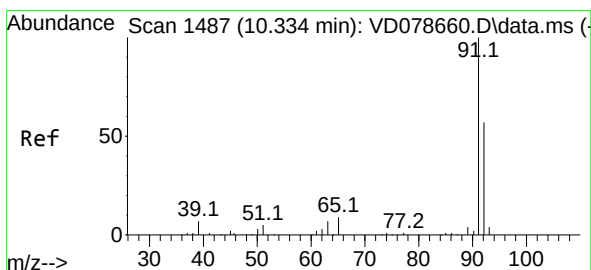
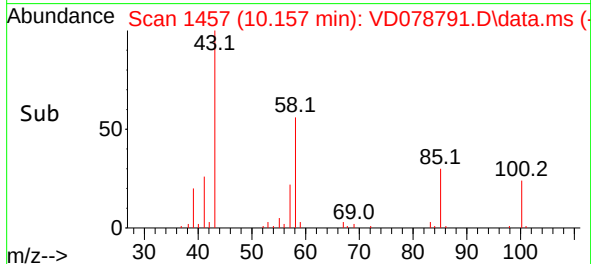
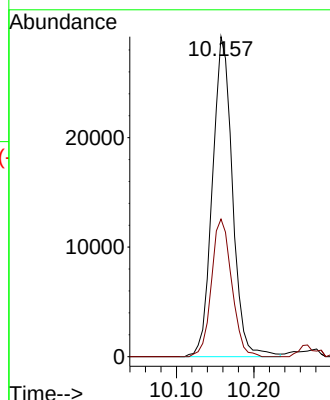
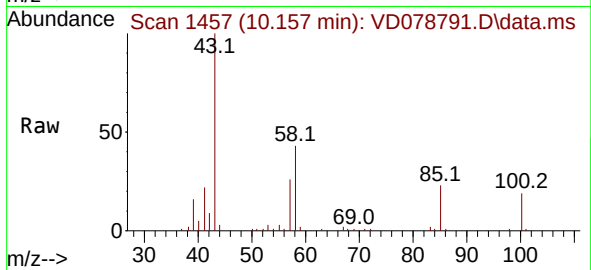




#51
4-Methyl-2-Pentanone
Concen: 100.156 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078791.D
Acq: 29 Mar 2024 13:47

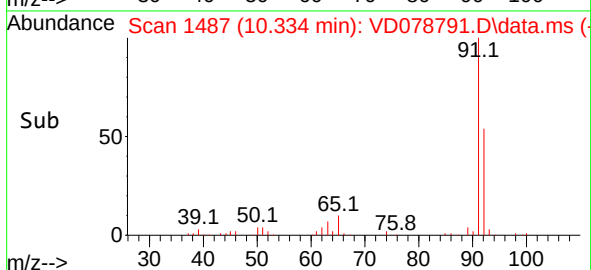
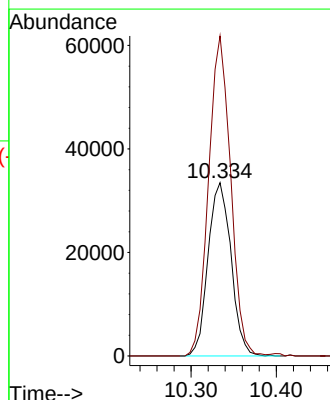
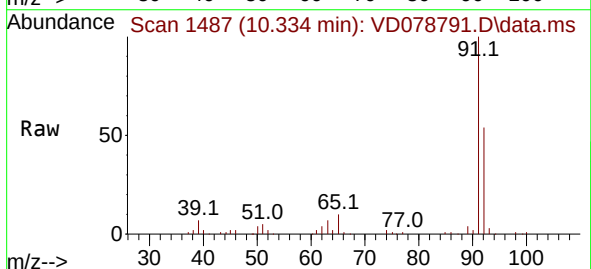
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBS01

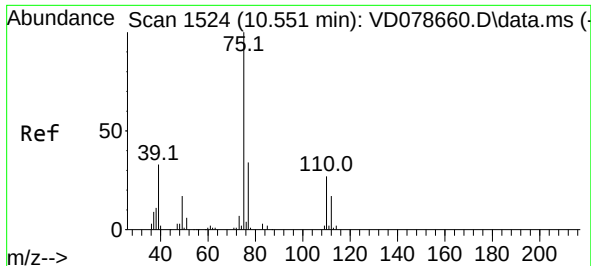
Tgt Ion: 43 Resp: 52480
Ion Ratio Lower Upper
43 100
58 43.4 36.4 54.6



#52
Toluene
Concen: 19.062 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078791.D
Acq: 29 Mar 2024 13:47

Tgt Ion: 92 Resp: 62583
Ion Ratio Lower Upper
92 100
91 177.5 136.6 205.0

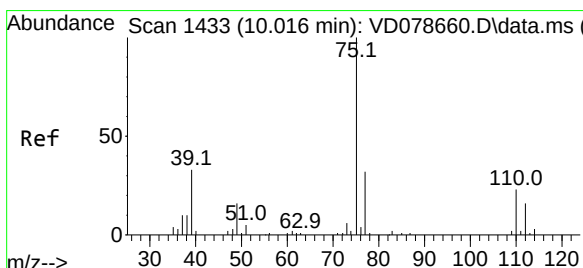
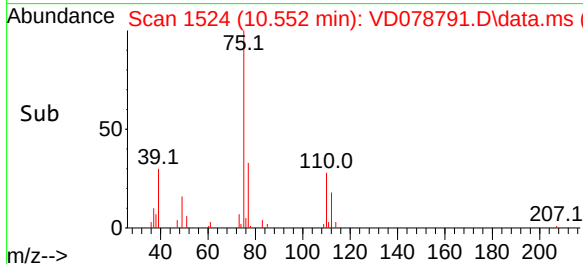
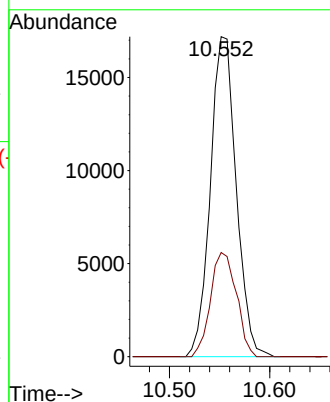
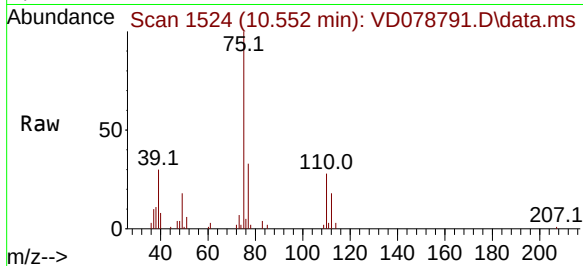




#53
t-1,3-Dichloropropene
Concen: 19.496 ug/l
RT: 10.552 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078791.D
Acq: 29 Mar 2024 13:47

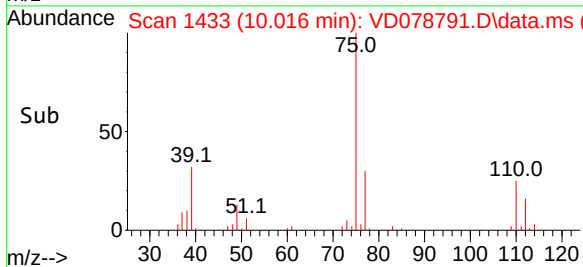
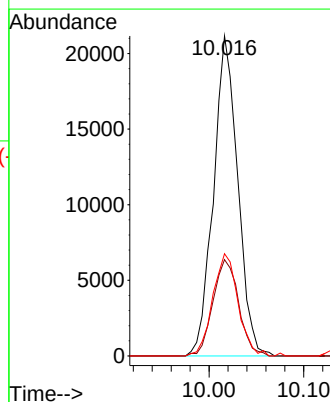
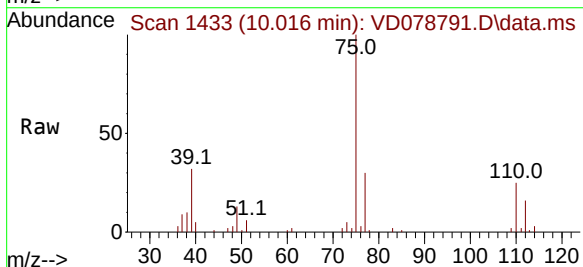
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBS01

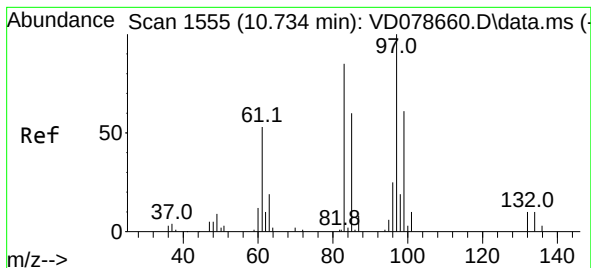
Tgt Ion: 75 Resp: 30772
Ion Ratio Lower Upper
75 100
77 32.5 27.1 40.7



#54
cis-1,3-Dichloropropene
Concen: 19.823 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD078791.D
Acq: 29 Mar 2024 13:47

Tgt Ion: 75 Resp: 37614
Ion Ratio Lower Upper
75 100
77 30.1 25.4 38.0
39 32.0 26.7 40.1





#55

1,1,2-Trichloroethane

Concen: 20.085 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD078791.D

Acq: 29 Mar 2024 13:47

Instrument :

MSVOA_D

ClientSampleId :

VD0329SBS01

Tgt Ion: 97 Resp: 19504

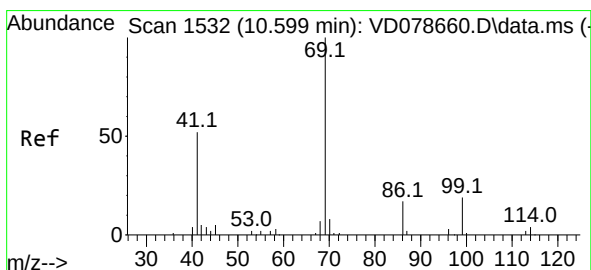
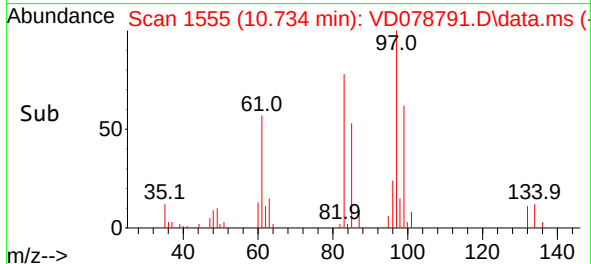
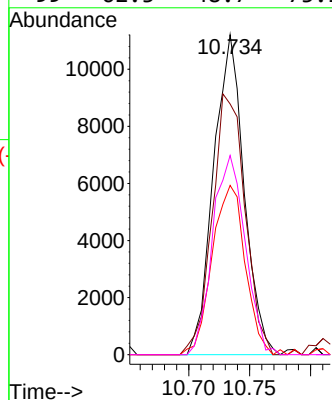
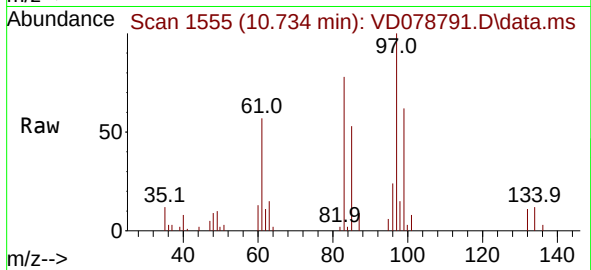
Ion Ratio Lower Upper

97 100

83 78.4 68.1 102.1

85 52.9 48.2 72.2

99 62.3 48.7 73.1



#56

Ethyl methacrylate

Concen: 19.542 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD078791.D

Acq: 29 Mar 2024 13:47

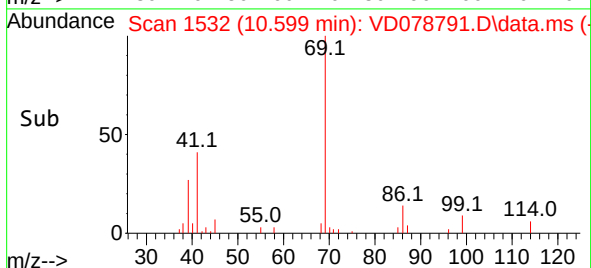
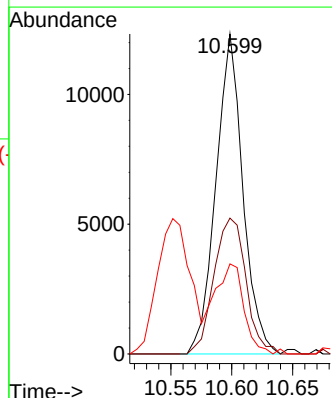
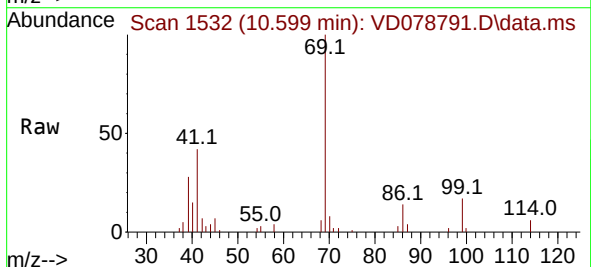
Tgt Ion: 69 Resp: 19024

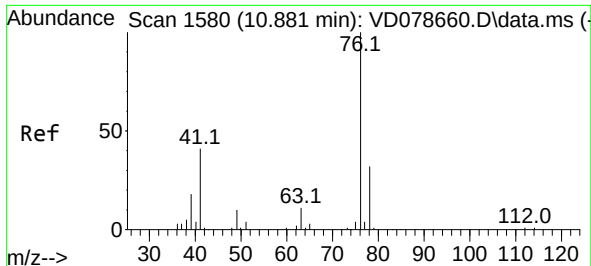
Ion Ratio Lower Upper

69 100

41 50.3 40.9 61.3

39 31.3 25.5 38.3





#57

1,3-Dichloropropane

Concen: 20.126 ug/l

RT: 10.881 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078791.D

Acq: 29 Mar 2024 13:47

Instrument :

MSVOA_D

ClientSampleId :

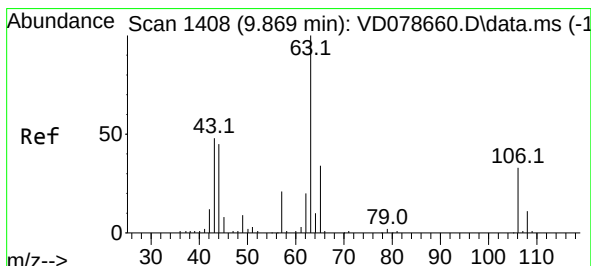
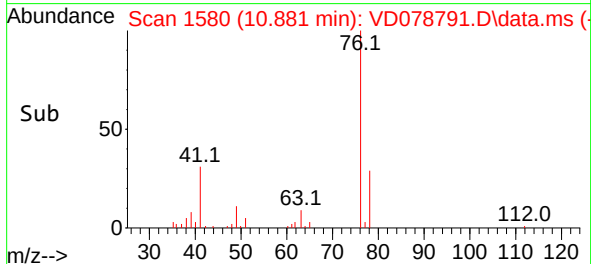
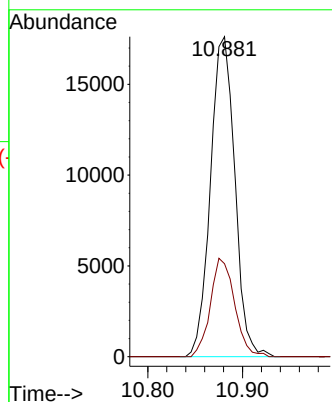
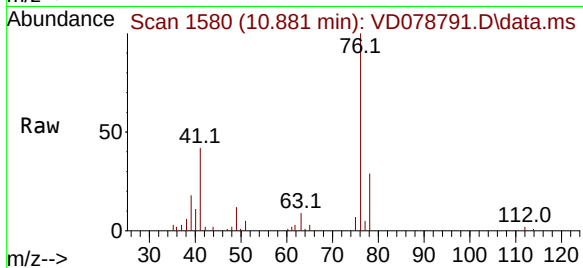
VD0329SBS01

Tgt Ion: 76 Resp: 31537

Ion Ratio Lower Upper

76 100

78 30.5 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 92.434 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078791.D

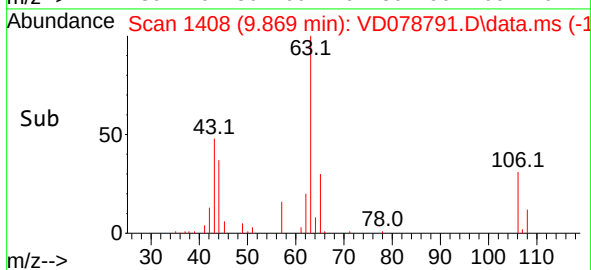
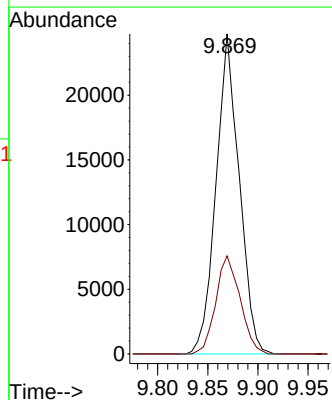
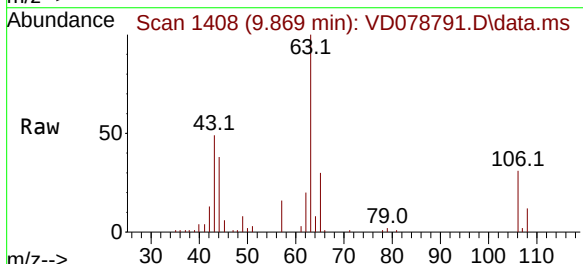
Acq: 29 Mar 2024 13:47

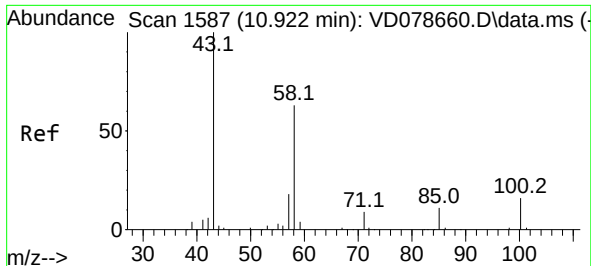
Tgt Ion: 63 Resp: 39678

Ion Ratio Lower Upper

63 100

106 32.2 25.2 37.8

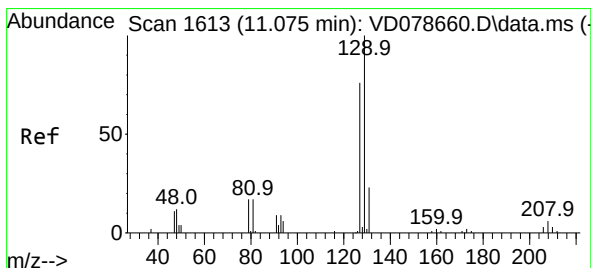
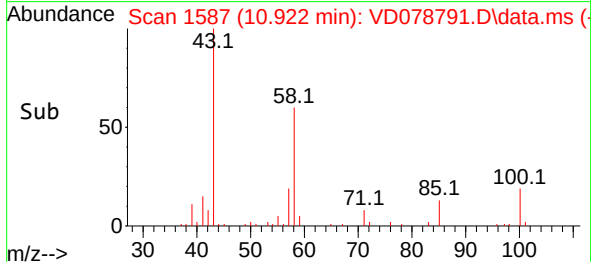
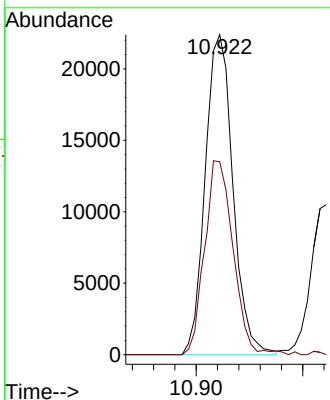
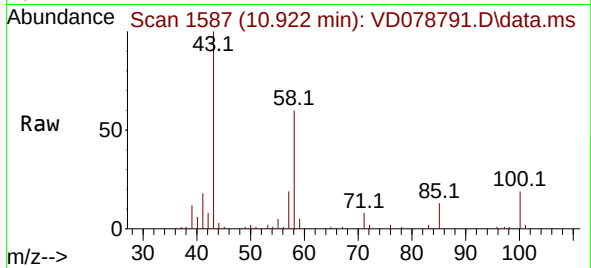




#59
2-Hexanone
Concen: 104.201 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078791.D
Acq: 29 Mar 2024 13:47

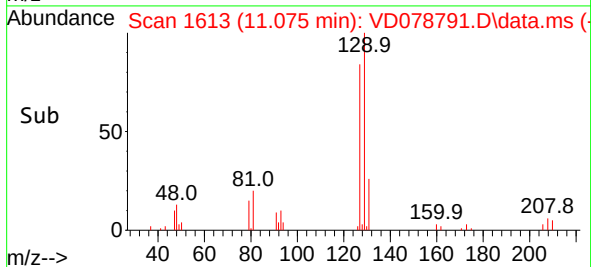
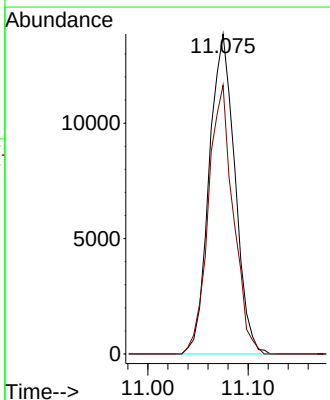
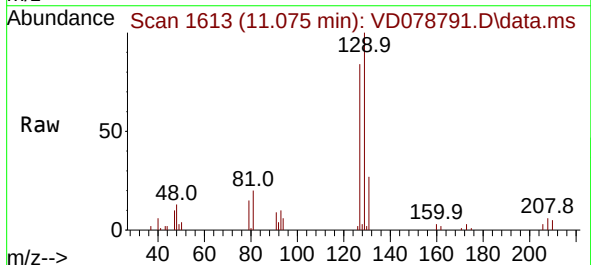
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBS01

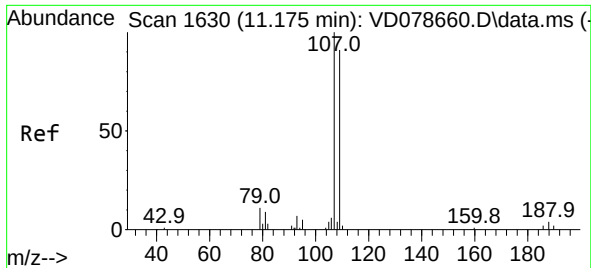
Tgt Ion: 43 Resp: 40475
Ion Ratio Lower Upper
43 100
58 62.3 31.5 94.5



#60
Dibromochloromethane
Concen: 20.618 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078791.D
Acq: 29 Mar 2024 13:47

Tgt Ion: 129 Resp: 24692
Ion Ratio Lower Upper
129 100
127 81.4 38.8 116.3

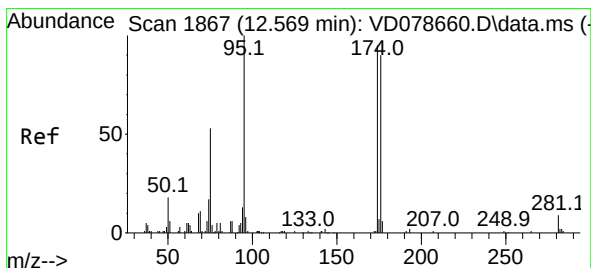
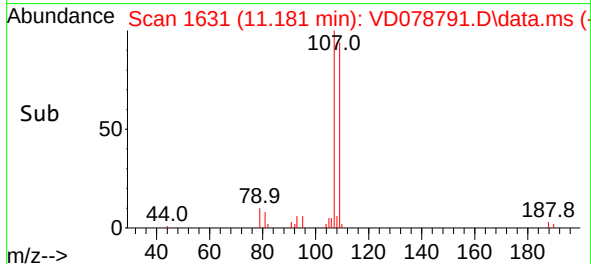
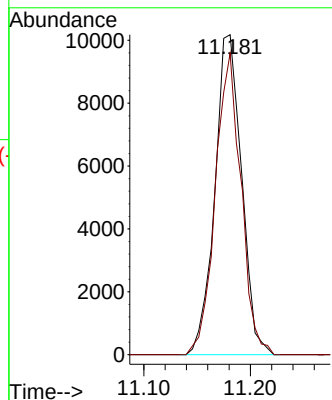
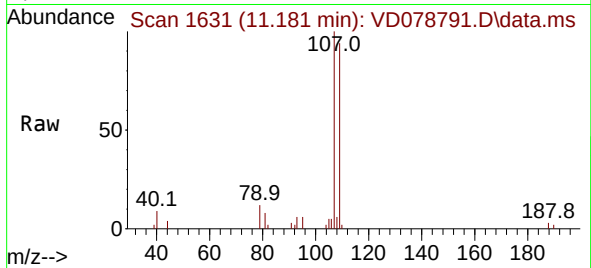




#61
1,2-Dibromoethane
Concen: 18.864 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.006 min
Lab File: VD078791.D
Acq: 29 Mar 2024 13:47

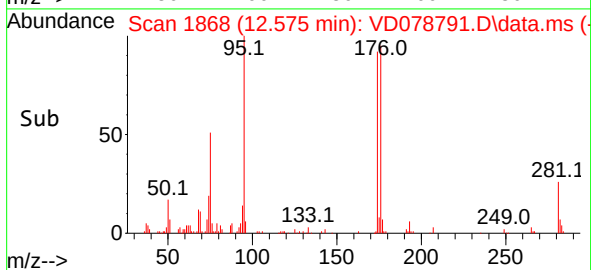
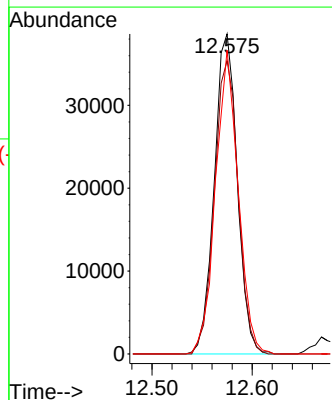
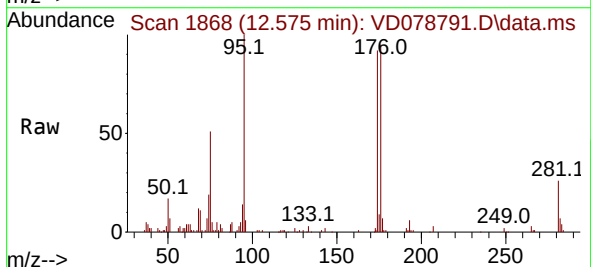
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBS01

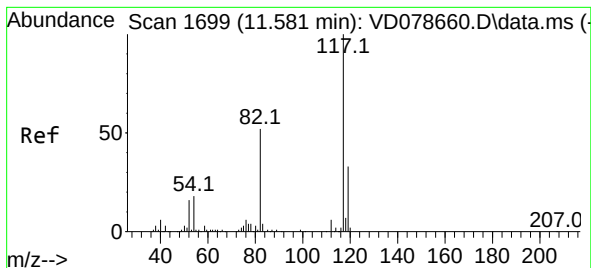
Tgt Ion:107 Resp: 17728
Ion Ratio Lower Upper
107 100
109 90.5 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 49.203 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078791.D
Acq: 29 Mar 2024 13:47

Tgt Ion: 95 Resp: 61552
Ion Ratio Lower Upper
95 100
174 94.6 0.0 195.2
176 93.6 0.0 188.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078791.D

Acq: 29 Mar 2024 13:47

Instrument :

MSVOA_D

ClientSampleId :

VD0329SBS01

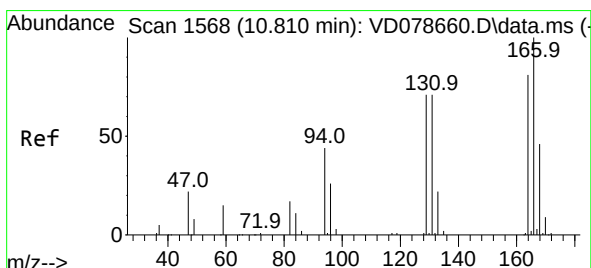
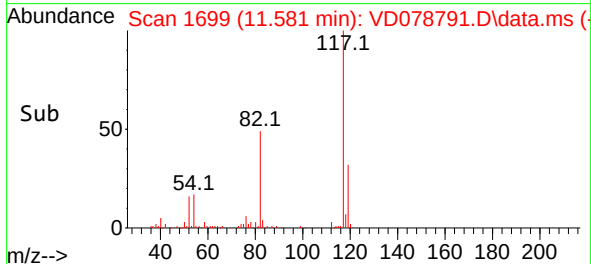
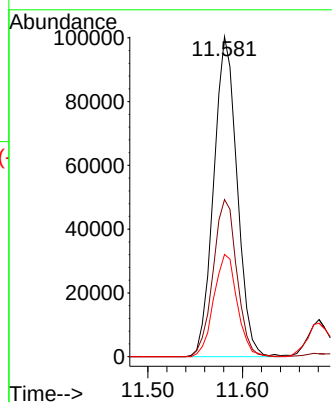
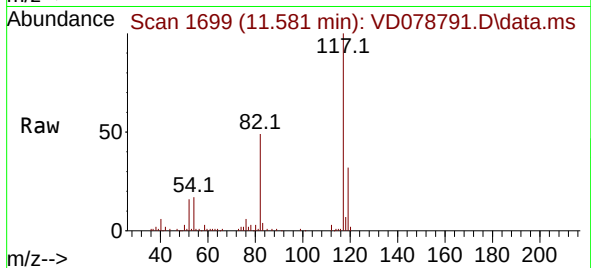
Tgt Ion:117 Resp: 172341

Ion Ratio Lower Upper

117 100

82 49.1 41.4 62.2

119 32.0 26.5 39.7



#64

Tetrachloroethene

Concen: 18.291 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD078791.D

Acq: 29 Mar 2024 13:47

Tgt Ion:164 Resp: 20860

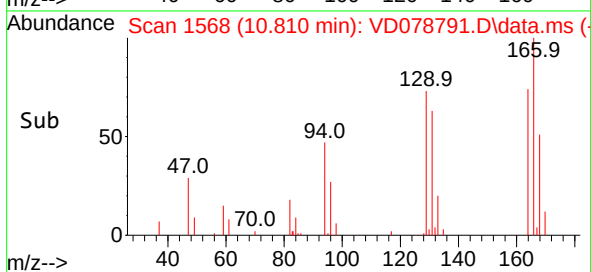
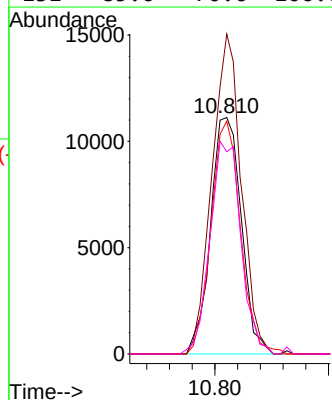
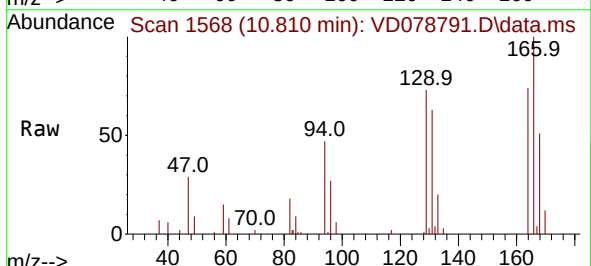
Ion Ratio Lower Upper

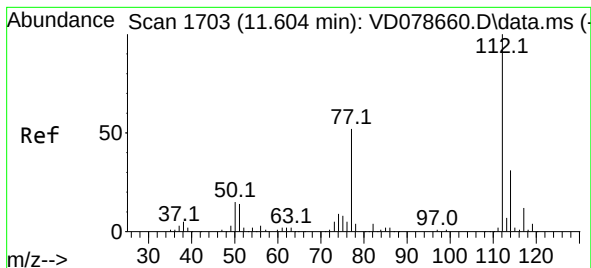
164 100

166 135.3 98.9 148.3

129 98.4 70.3 105.5

131 85.6 70.6 106.0





#65

Chlorobenzene

Concen: 19.069 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VD078791.D

Acq: 29 Mar 2024 13:47

Instrument :

MSVOA_D

ClientSampleId :

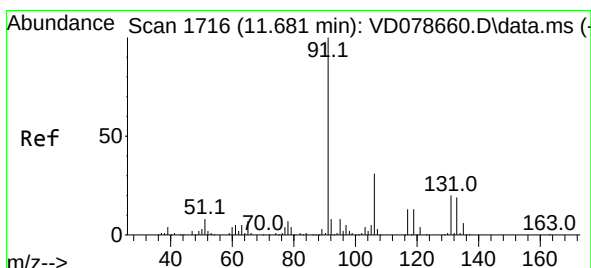
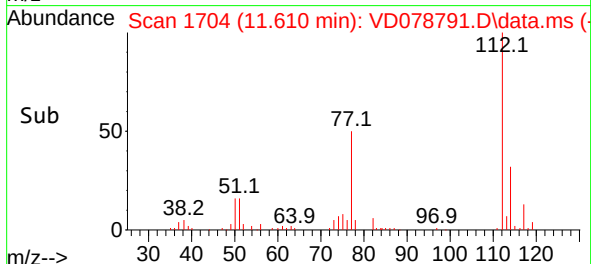
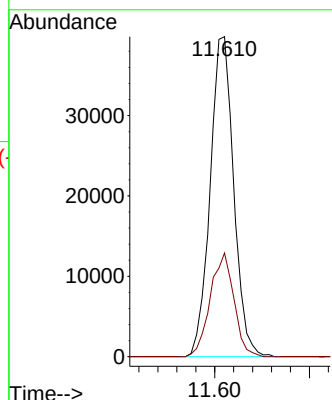
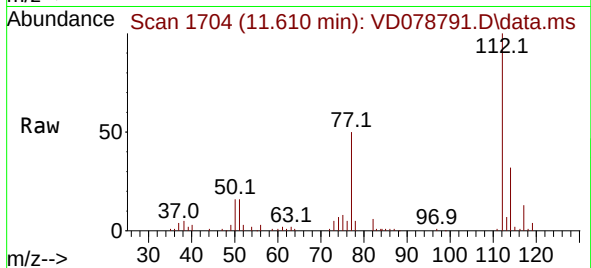
VD0329SBS01

Tgt Ion:112 Resp: 68675

Ion Ratio Lower Upper

112 100

114 32.4 25.0 37.6



#66

1,1,1,2-Tetrachloroethane

Concen: 19.429 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD078791.D

Acq: 29 Mar 2024 13:47

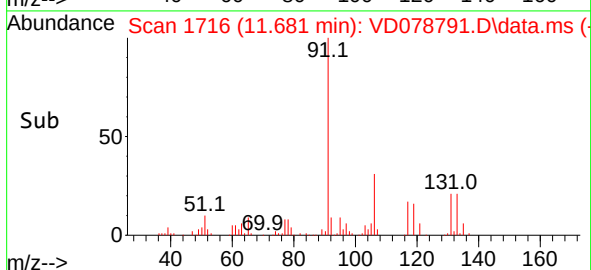
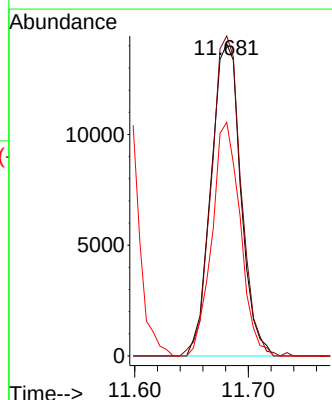
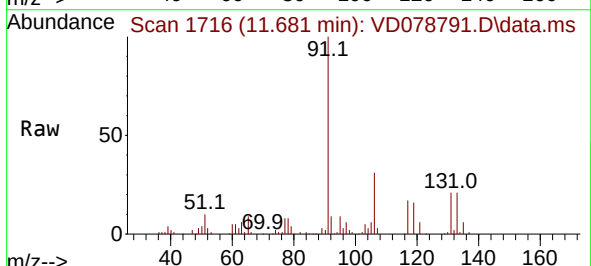
Tgt Ion:131 Resp: 25625

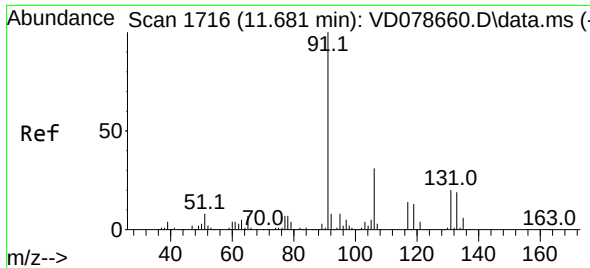
Ion Ratio Lower Upper

131 100

133 102.1 47.6 142.9

119 71.1 34.1 102.3

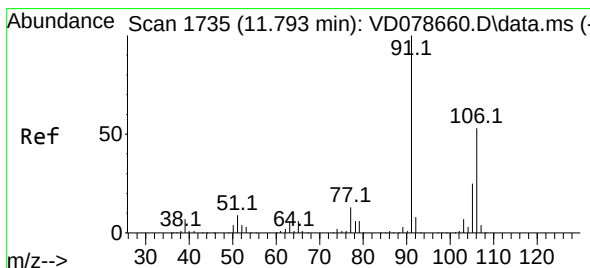
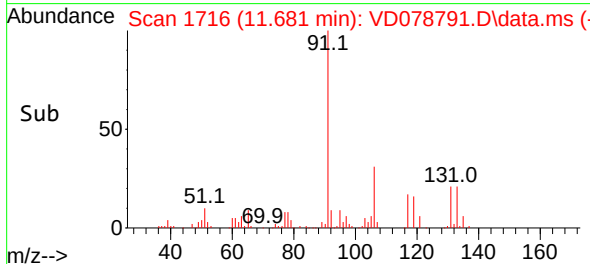
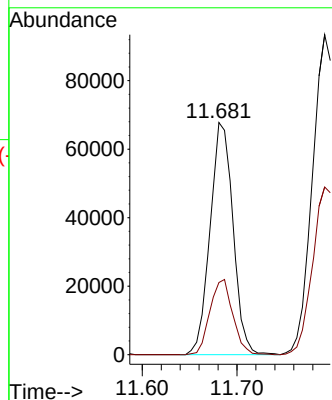
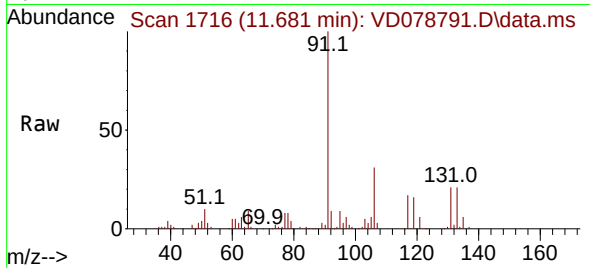




#67
Ethyl Benzene
Concen: 18.599 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078791.D
Acq: 29 Mar 2024 13:47

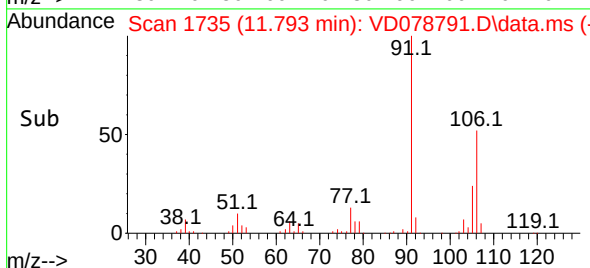
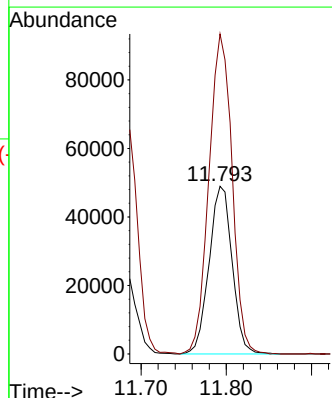
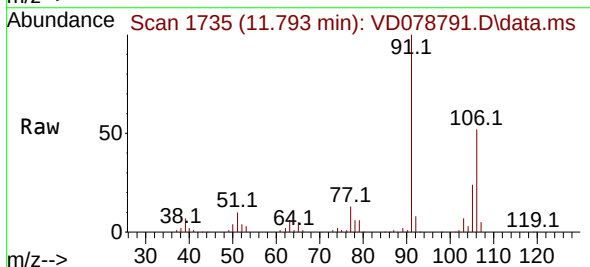
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBS01

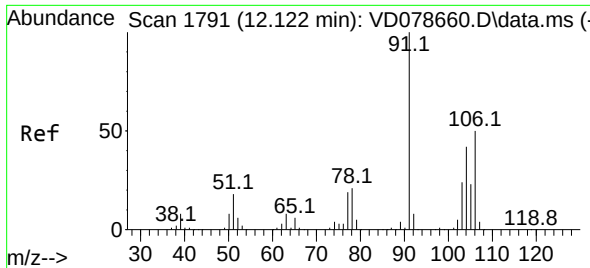
Tgt Ion: 91 Resp: 114145
Ion Ratio Lower Upper
91 100
106 31.1 24.5 36.7



#68
m/p-Xylenes
Concen: 36.958 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078791.D
Acq: 29 Mar 2024 13:47

Tgt Ion: 106 Resp: 92102
Ion Ratio Lower Upper
106 100
91 191.8 154.4 231.6

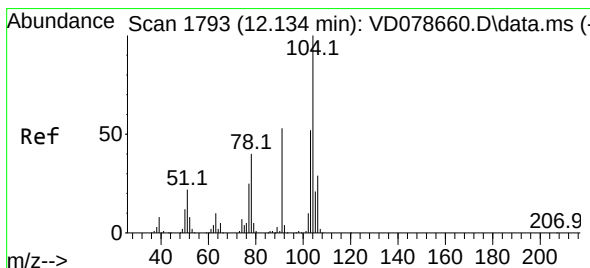
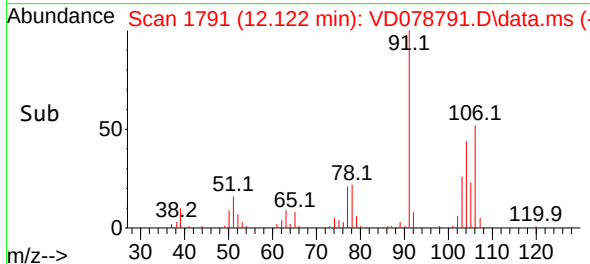
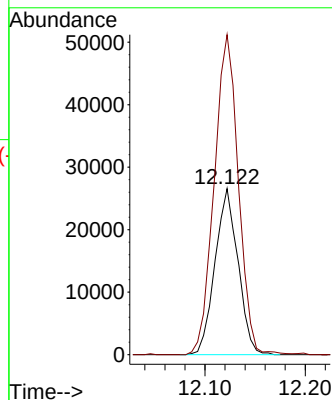
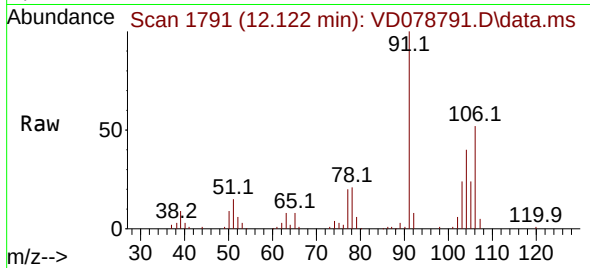




#69
o-Xylene
Concen: 18.349 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078791.D
Acq: 29 Mar 2024 13:47

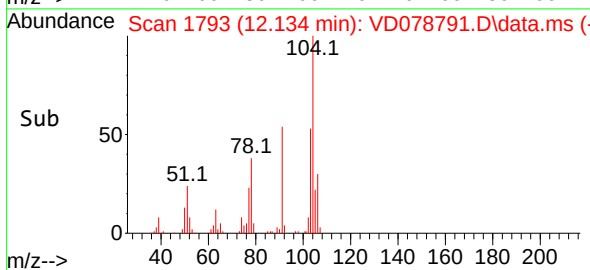
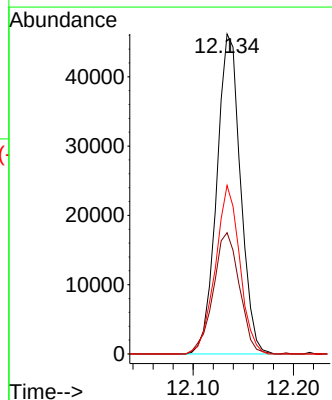
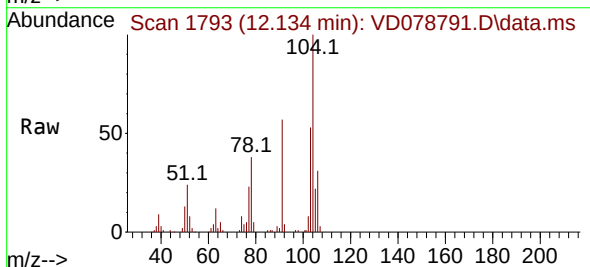
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBS01

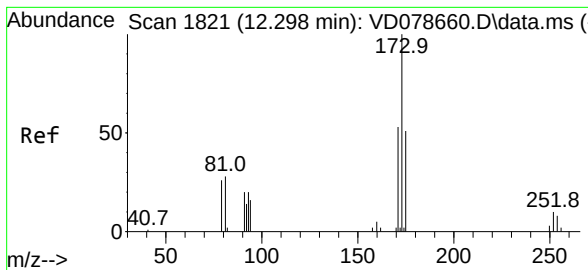
Tgt Ion:106 Resp: 42307
Ion Ratio Lower Upper
106 100
91 203.0 99.6 298.7



#70
Styrene
Concen: 19.651 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078791.D
Acq: 29 Mar 2024 13:47

Tgt Ion:104 Resp: 76050
Ion Ratio Lower Upper
104 100
78 41.7 34.6 52.0
103 54.0 44.2 66.2

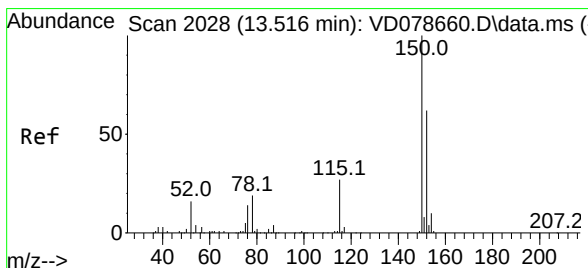
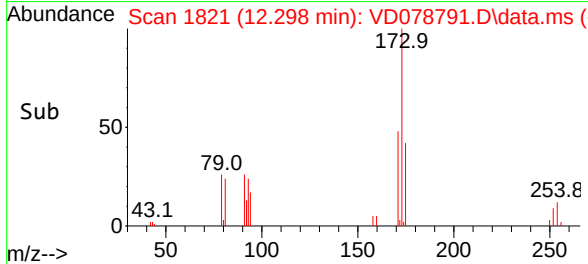
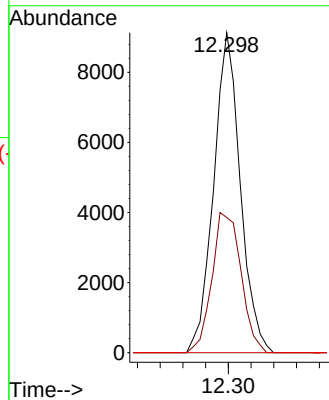
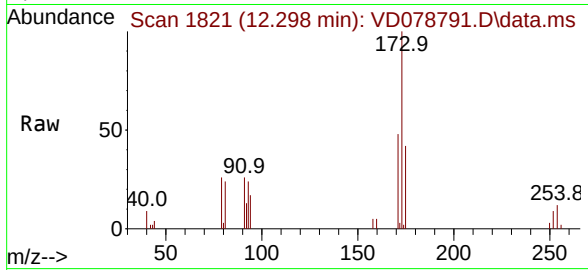




#71
Bromoform
Concen: 20.886 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078791.D
Acq: 29 Mar 2024 13:47

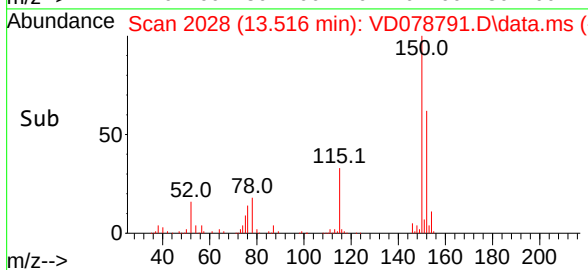
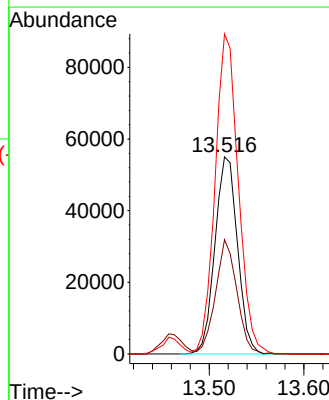
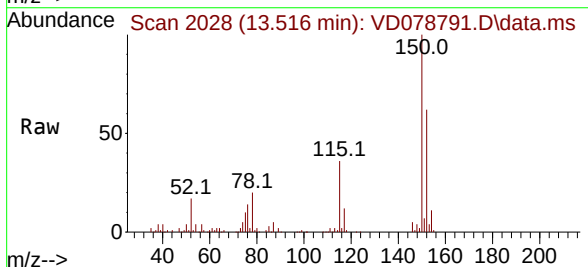
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBS01

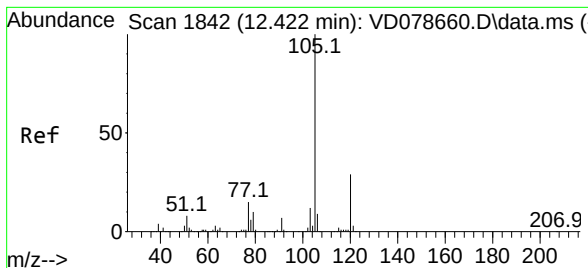
Tgt Ion:173 Resp: 14887
Ion Ratio Lower Upper
173 100
175 47.7 25.8 77.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078791.D
Acq: 29 Mar 2024 13:47

Tgt Ion:152 Resp: 90999
Ion Ratio Lower Upper
152 100
115 54.8 27.1 81.2
150 167.3 0.0 350.2





#73

Isopropylbenzene

Concen: 18.404 ug/l

RT: 12.422 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078791.D

Acq: 29 Mar 2024 13:47

Instrument :

MSVOA_D

ClientSampleId :

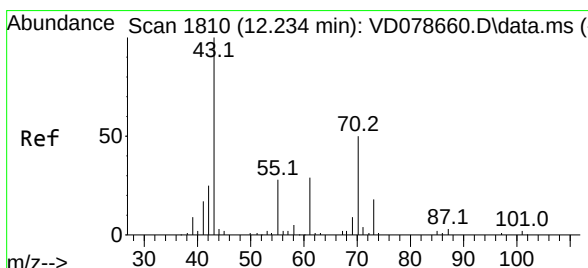
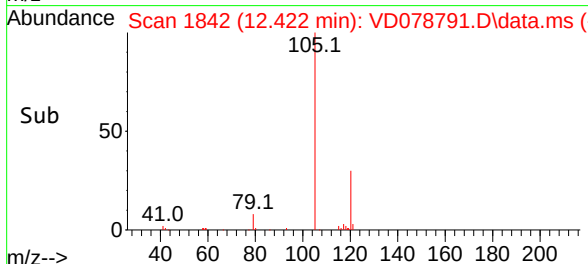
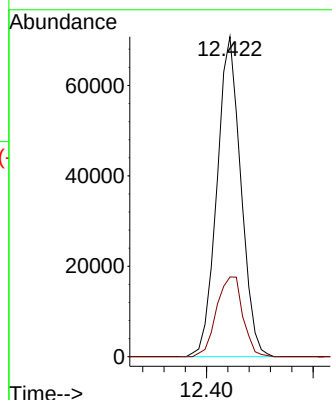
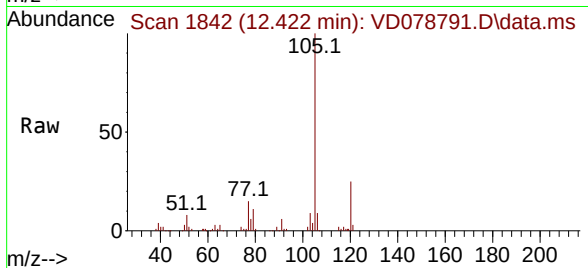
VD0329SBS01

Tgt Ion:105 Resp: 110264

Ion Ratio Lower Upper

105 100

120 27.4 13.7 41.0



#74

N-ethyl acetate

Concen: 18.860 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD078791.D

Acq: 29 Mar 2024 13:47

Tgt Ion: 43 Resp: 18346

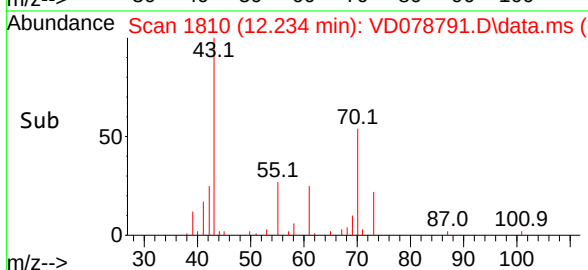
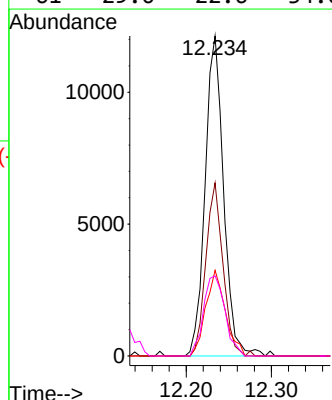
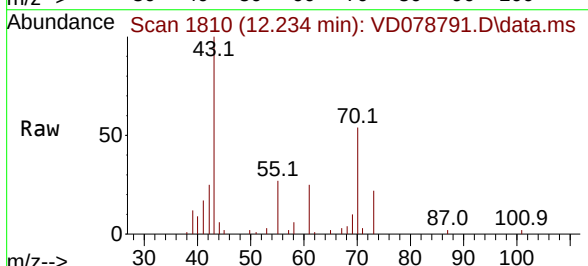
Ion Ratio Lower Upper

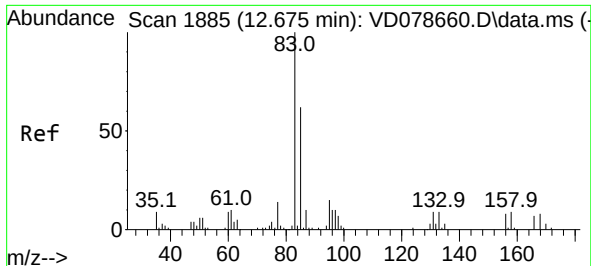
43 100

70 50.0 42.1 63.1

55 28.3 22.6 33.8

61 29.0 22.6 34.0

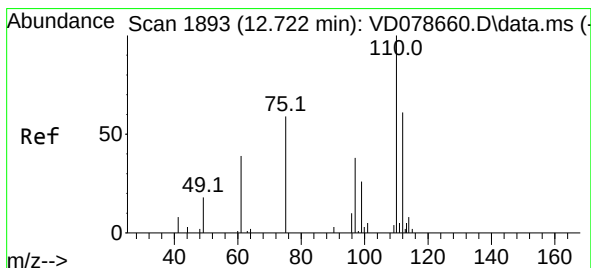
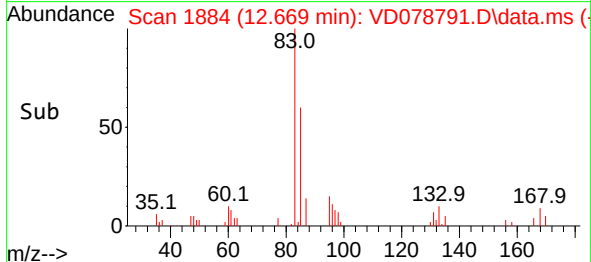
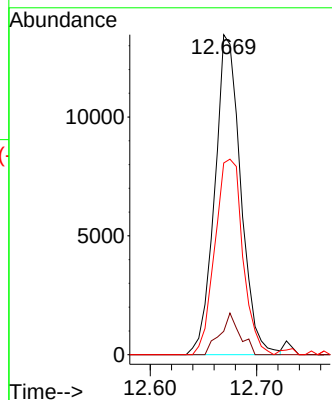
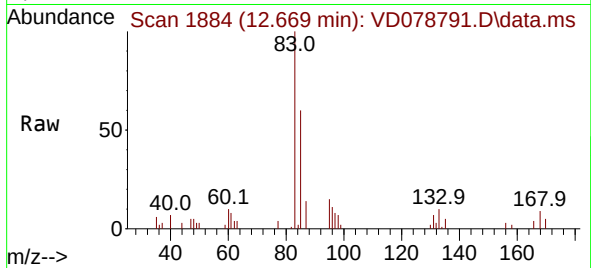




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.562 ug/l
 RT: 12.669 min Scan# 1884
 Delta R.T. -0.006 min
 Lab File: VD078791.D
 Acq: 29 Mar 2024 13:47

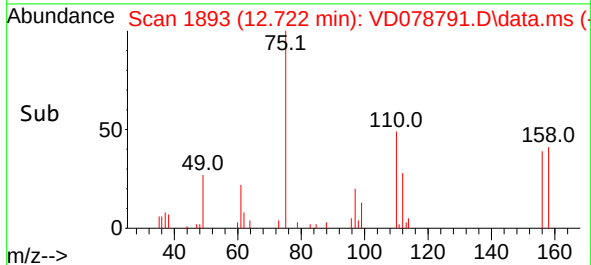
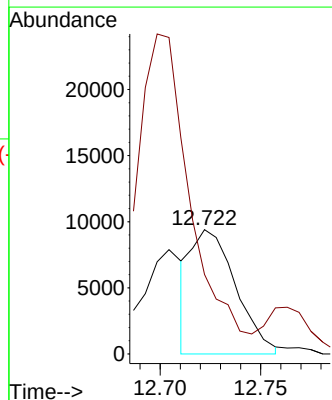
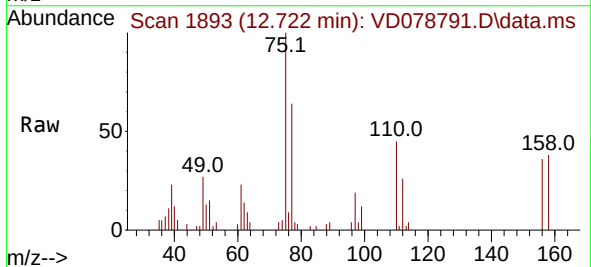
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0329SBS01

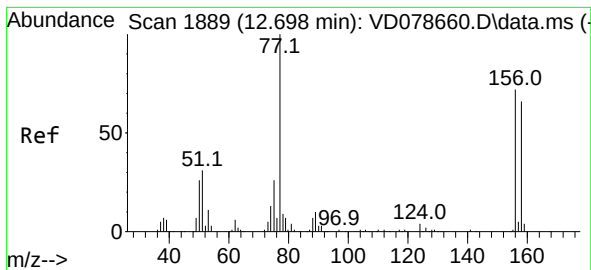
Tgt Ion: 83 Resp: 22806
 Ion Ratio Lower Upper
 83 100
 131 9.9 4.9 14.7
 85 65.4 32.2 96.6



#76
 1,2,3-Trichloropropane
 Concen: 20.886 ug/l m
 RT: 12.722 min Scan# 1893
 Delta R.T. 0.000 min
 Lab File: VD078791.D
 Acq: 29 Mar 2024 13:47

Tgt Ion: 75 Resp: 14643
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.669 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD078791.D

Acq: 29 Mar 2024 13:47

Instrument :

MSVOA_D

ClientSampleId :

VD0329SBS01

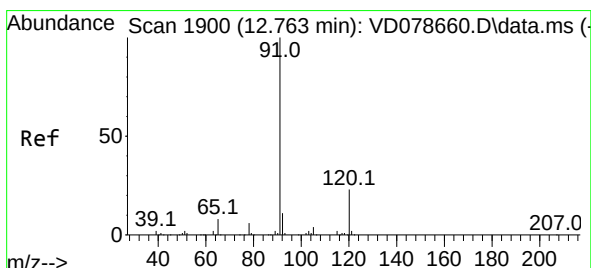
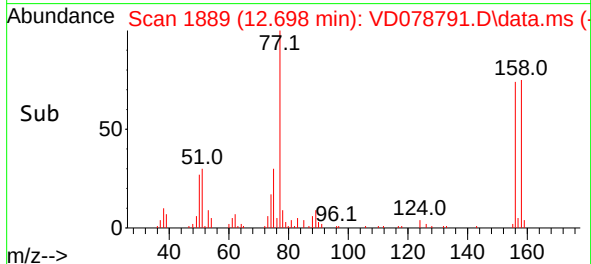
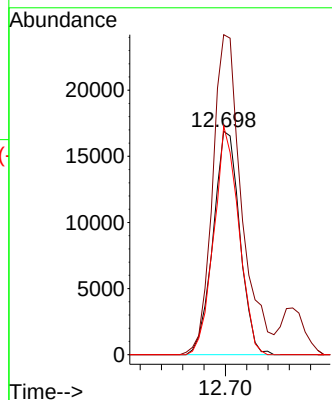
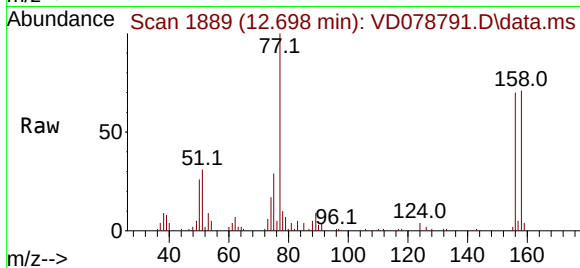
Tgt Ion:156 Resp: 29225

Ion Ratio Lower Upper

156 100

77 156.8 79.1 237.3

158 95.8 47.0 141.0



#78

n-propylbenzene

Concen: 19.910 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078791.D

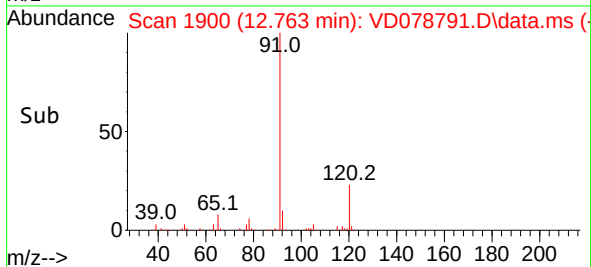
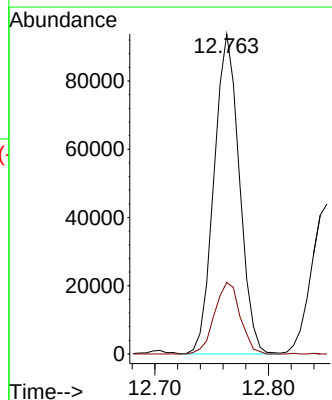
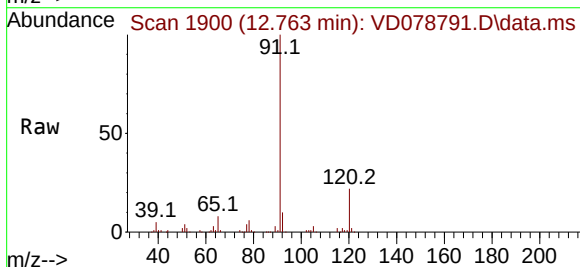
Acq: 29 Mar 2024 13:47

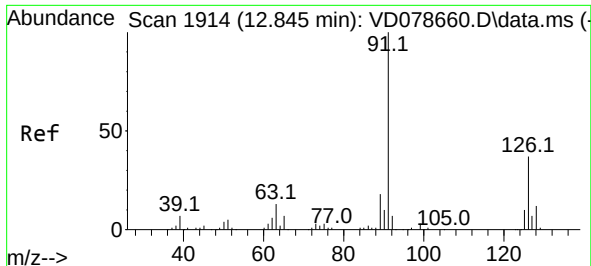
Tgt Ion: 91 Resp: 145200

Ion Ratio Lower Upper

91 100

120 22.6 11.7 35.1





#79

2-Chlorotoluene

Concen: 18.798 ug/l

RT: 12.851 min Scan# 1914

Delta R.T. 0.006 min

Lab File: VD078791.D

Acq: 29 Mar 2024 13:47

Instrument :

MSVOA_D

ClientSampleId :

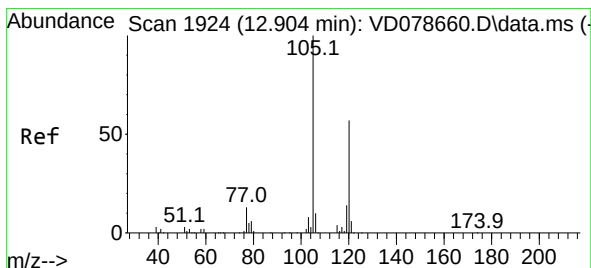
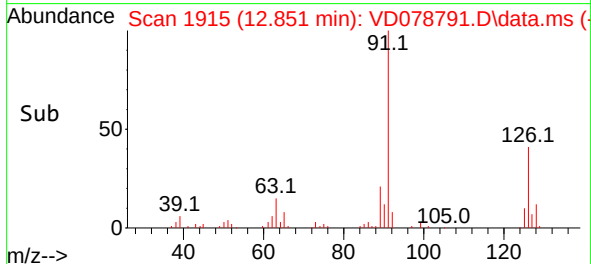
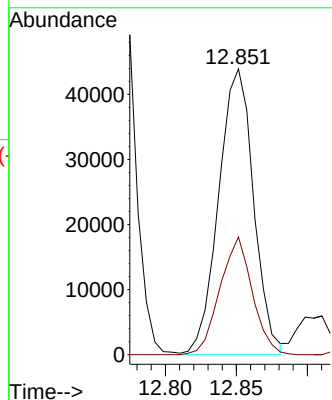
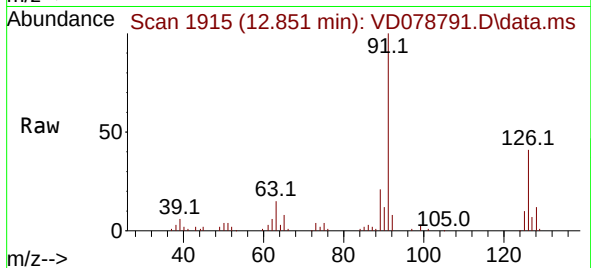
VD0329SBS01

Tgt Ion: 91 Resp: 75208

Ion Ratio Lower Upper

91 100

126 38.1 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 18.840 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD078791.D

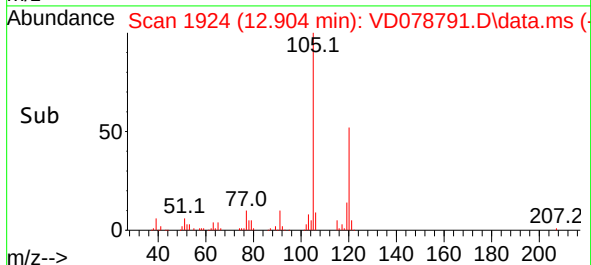
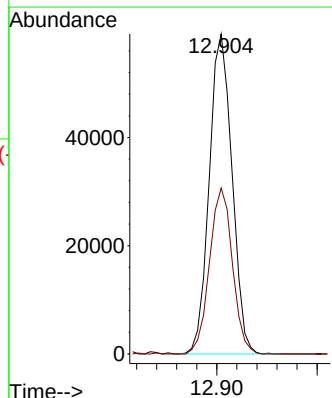
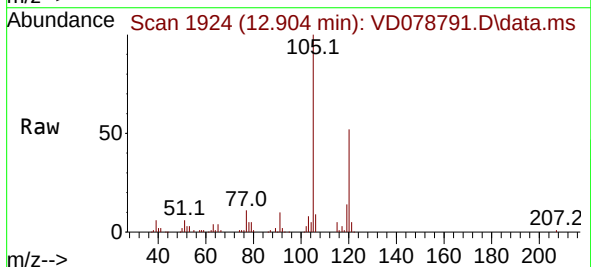
Acq: 29 Mar 2024 13:47

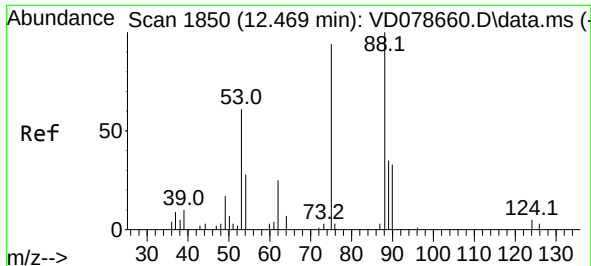
Tgt Ion: 105 Resp: 93343

Ion Ratio Lower Upper

105 100

120 52.1 25.9 77.7

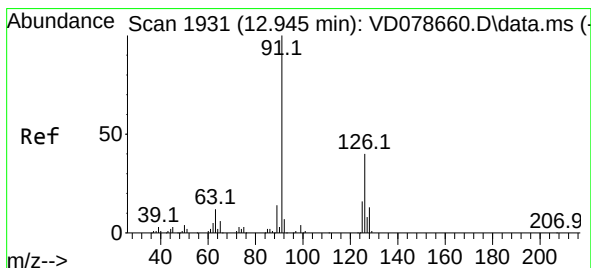
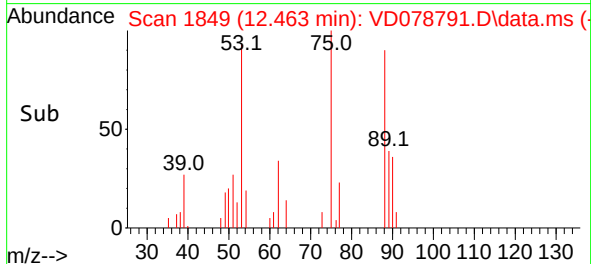
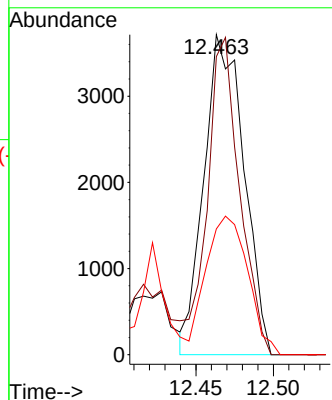
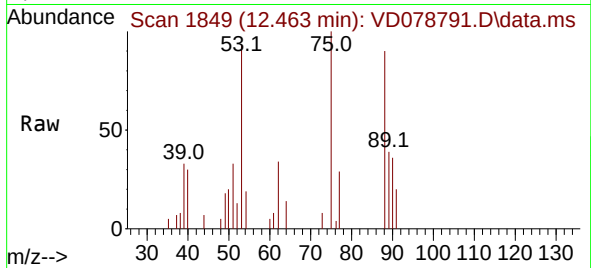




#81
trans-1,4-Dichloro-2-butene
Concen: 19.877 ug/l
RT: 12.463 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD078791.D
Acq: 29 Mar 2024 13:47

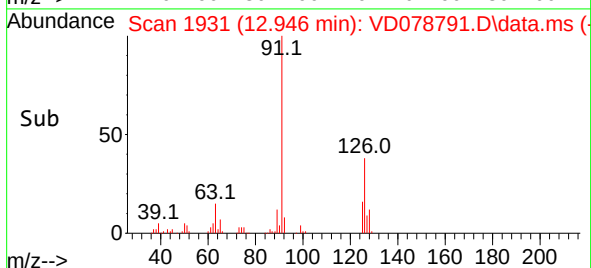
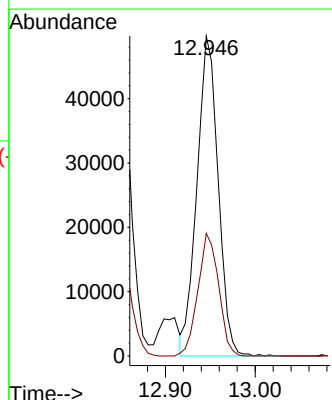
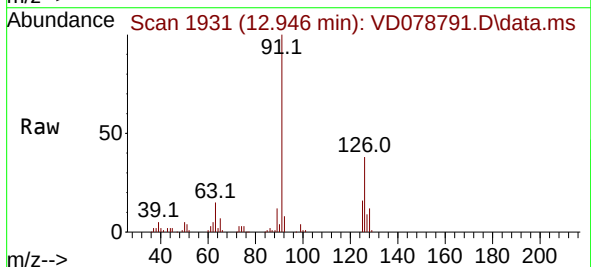
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBS01

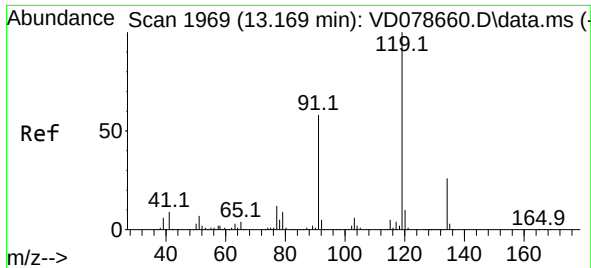
Tgt Ion: 75 Resp: 6648
Ion Ratio Lower Upper
75 100
53 80.2 61.0 91.6
89 45.4 35.4 53.0



#82
4-Chlorotoluene
Concen: 19.292 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078791.D
Acq: 29 Mar 2024 13:47

Tgt Ion: 91 Resp: 81638
Ion Ratio Lower Upper
91 100
126 37.4 18.9 56.5

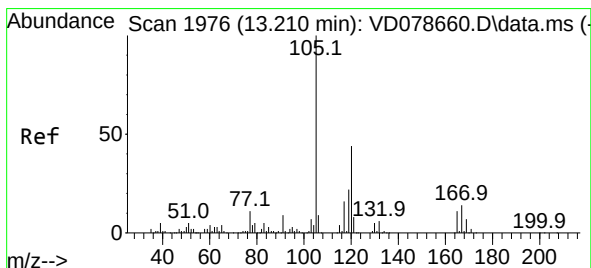
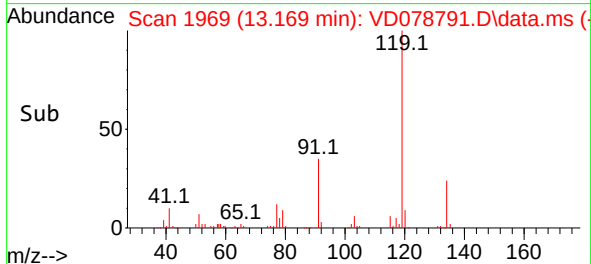
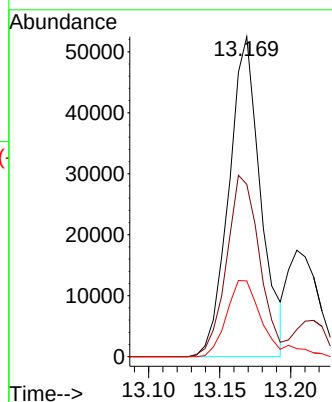
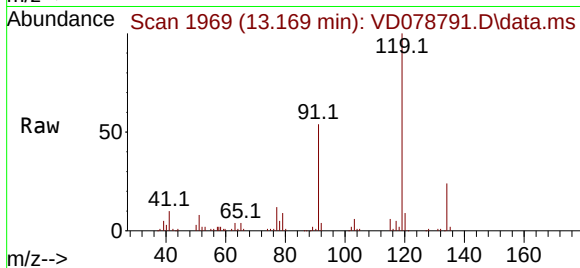




#83
tert-Butylbenzene
Concen: 19.134 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD078791.D
Acq: 29 Mar 2024 13:47

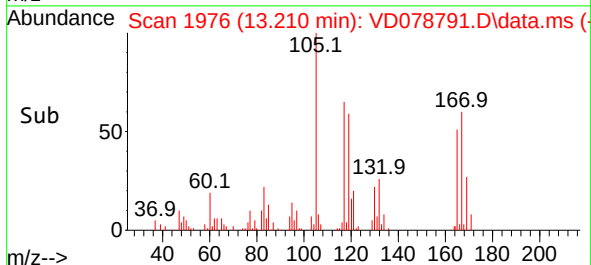
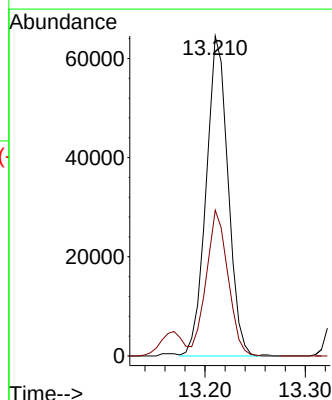
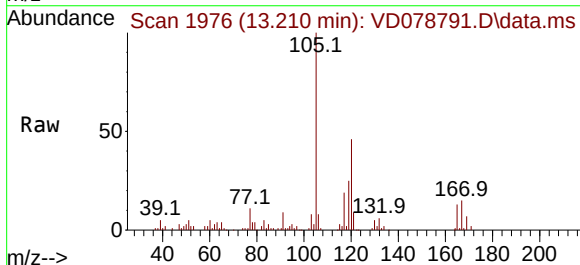
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBS01

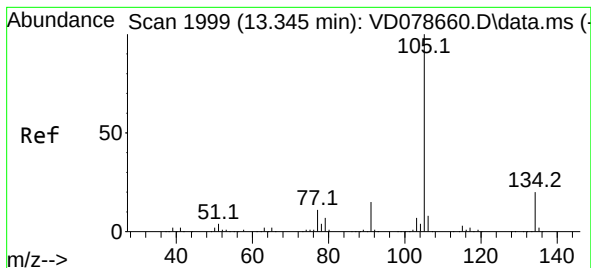
Tgt Ion:119 Resp: 81743
Ion Ratio Lower Upper
119 100
91 58.8 28.9 86.7
134 27.4 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 19.607 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD078791.D
Acq: 29 Mar 2024 13:47

Tgt Ion:105 Resp: 97898
Ion Ratio Lower Upper
105 100
120 45.1 23.1 69.2





#85

sec-Butylbenzene

Concen: 19.607 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078791.D

Acq: 29 Mar 2024 13:47

Instrument :

MSVOA_D

ClientSampleId :

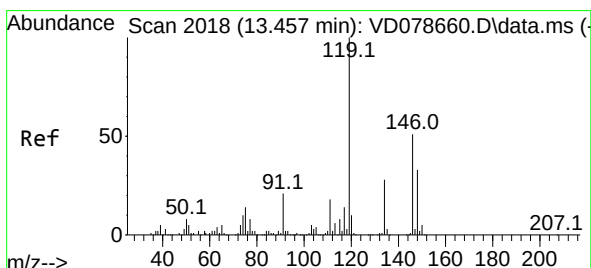
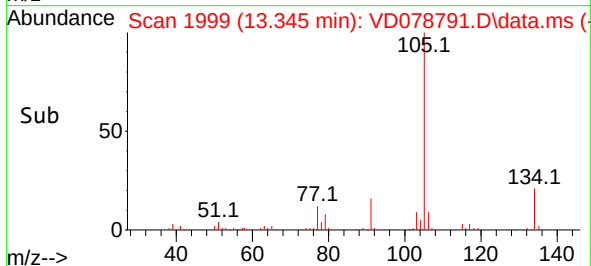
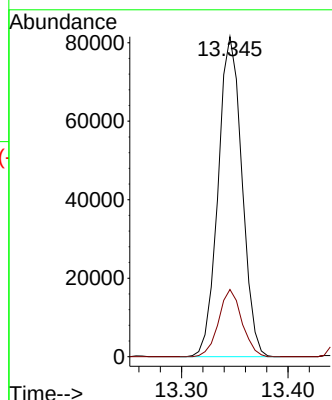
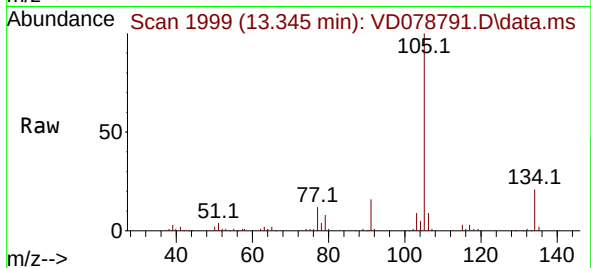
VD0329SBS01

Tgt Ion:105 Resp: 126759

Ion Ratio Lower Upper

105 100

134 20.4 10.4 31.2



#86

p-Isopropyltoluene

Concen: 19.220 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD078791.D

Acq: 29 Mar 2024 13:47

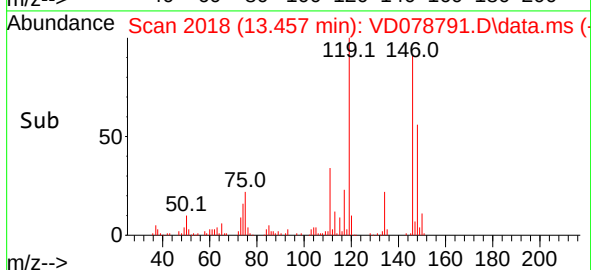
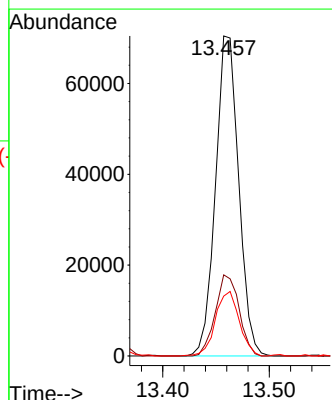
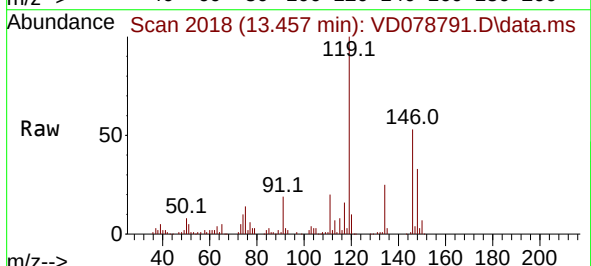
Tgt Ion:119 Resp: 106375

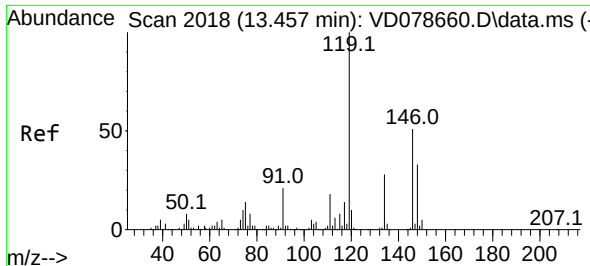
Ion Ratio Lower Upper

119 100

134 26.0 13.5 40.5

91 20.8 10.4 31.2

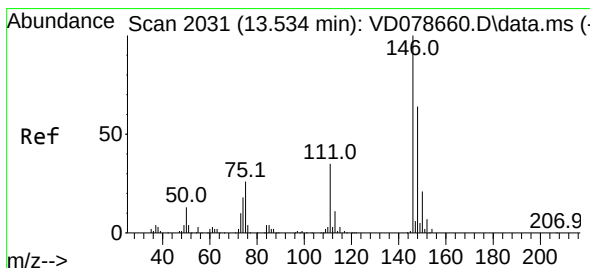
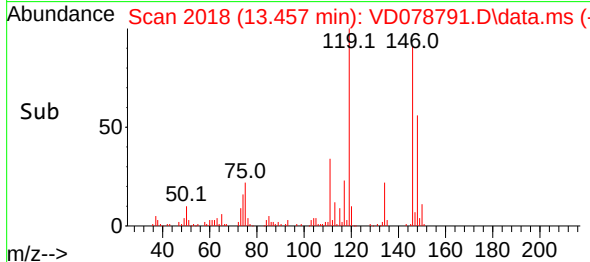
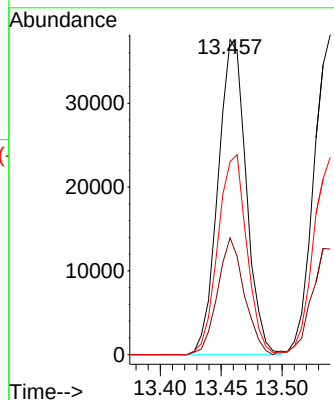
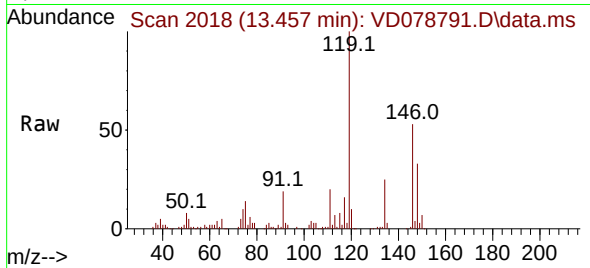




#87
1,3-Dichlorobenzene
Concen: 19.300 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078791.D
Acq: 29 Mar 2024 13:47

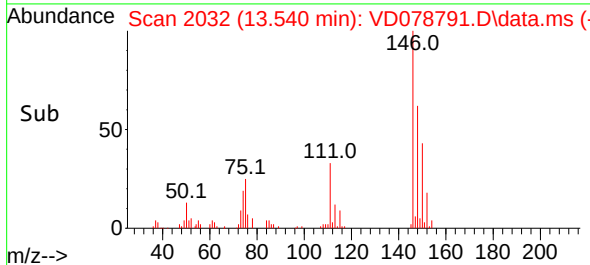
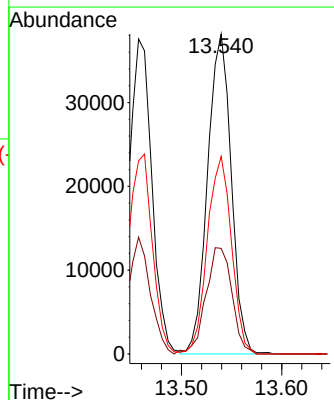
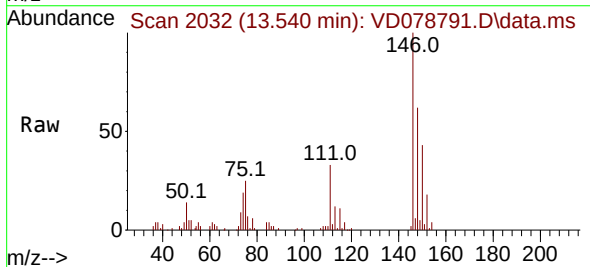
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBS01

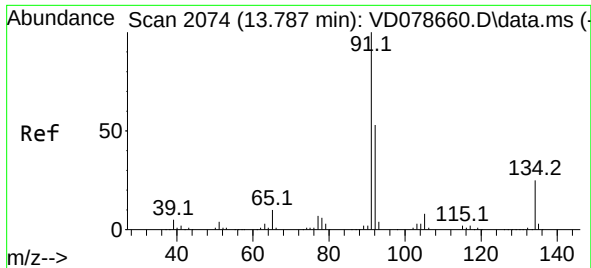
Tgt Ion:146 Resp: 60515
Ion Ratio Lower Upper
146 100
111 35.2 18.2 54.6
148 65.1 31.1 93.5



#88
1,4-Dichlorobenzene
Concen: 20.284 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VD078791.D
Acq: 29 Mar 2024 13:47

Tgt Ion:146 Resp: 62680
Ion Ratio Lower Upper
146 100
111 36.6 17.8 53.3
148 63.0 32.4 97.0

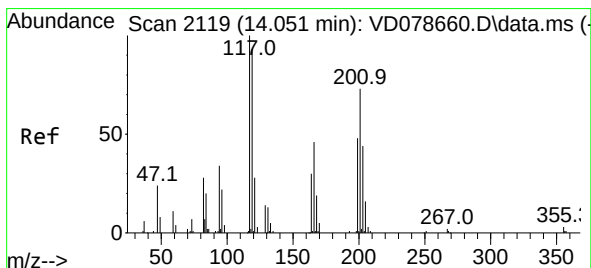
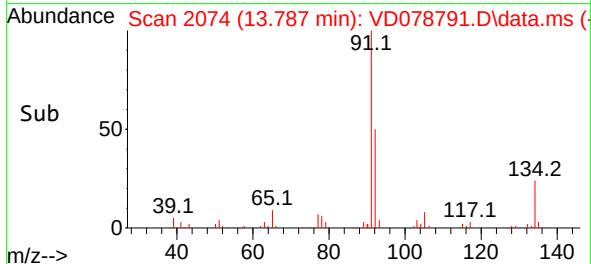
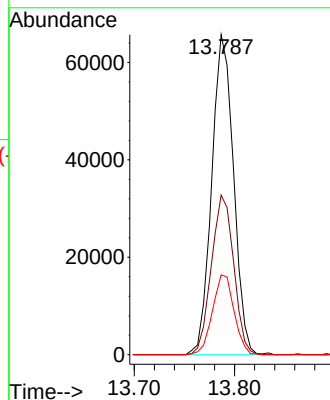
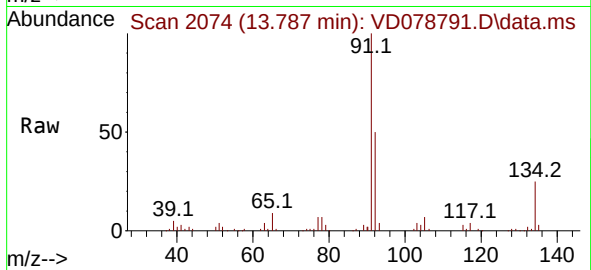




#89
n-Butylbenzene
Concen: 19.872 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD078791.D
Acq: 29 Mar 2024 13:47

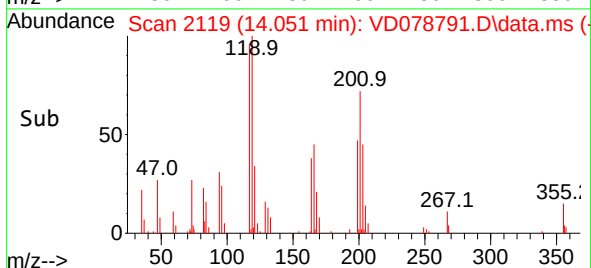
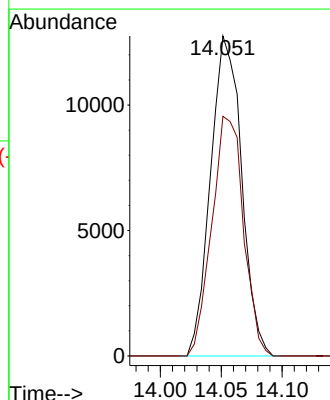
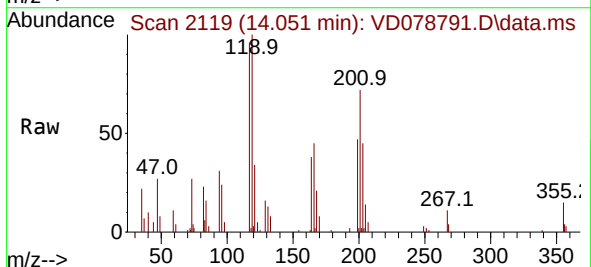
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBS01

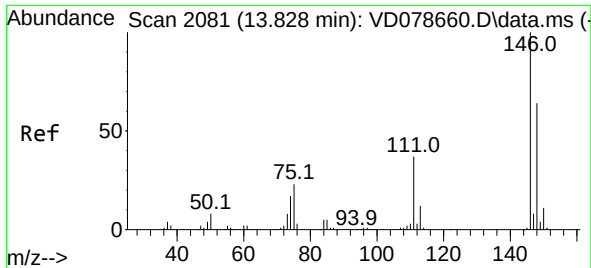
Tgt Ion: 91 Resp: 99329
Ion Ratio Lower Upper
91 100
92 51.0 26.4 79.0
134 24.7 13.0 38.9



#90
Hexachloroethane
Concen: 19.722 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD078791.D
Acq: 29 Mar 2024 13:47

Tgt Ion: 117 Resp: 22586
Ion Ratio Lower Upper
117 100
201 76.3 36.2 108.6

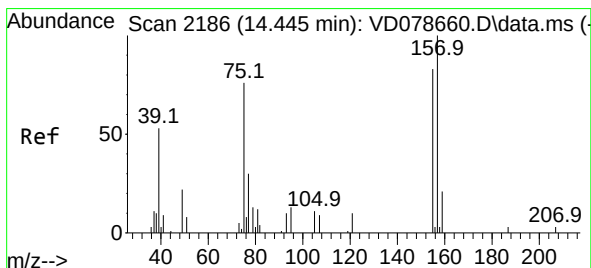
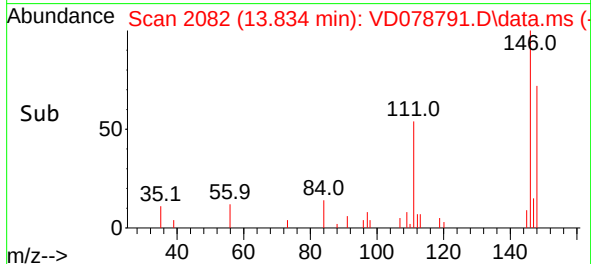
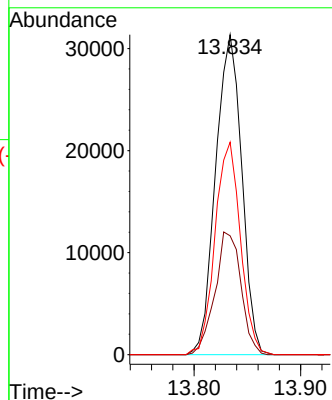
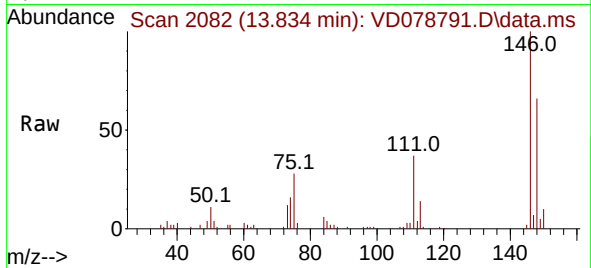




#91
1,2-Dichlorobenzene
Concen: 19.781 ug/l
RT: 13.834 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VD078791.D
Acq: 29 Mar 2024 13:47

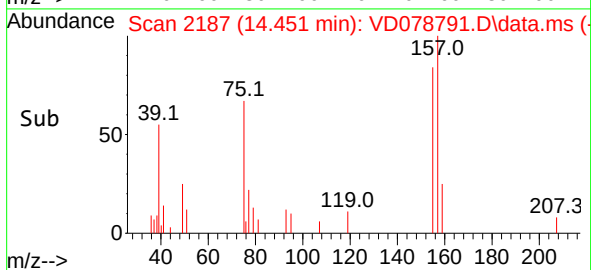
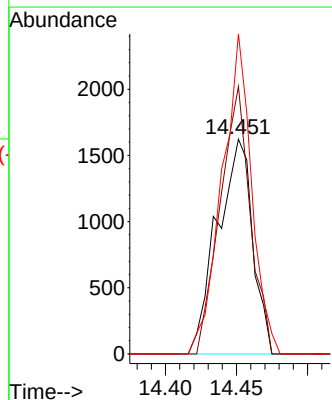
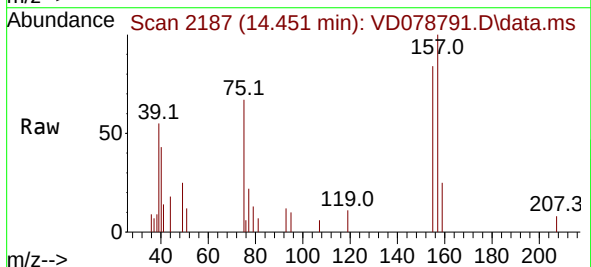
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBS01

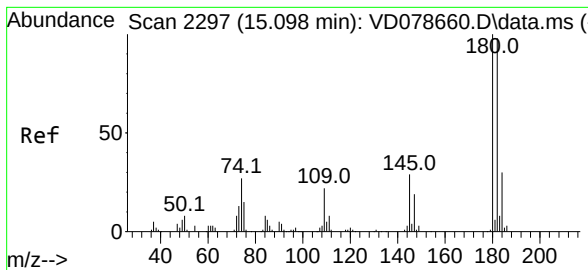
Tgt Ion:146 Resp: 53418
Ion Ratio Lower Upper
146 100
111 38.1 18.6 56.0
148 64.5 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.851 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VD078791.D
Acq: 29 Mar 2024 13:47

Tgt Ion: 75 Resp: 2797
Ion Ratio Lower Upper
75 100
155 106.3 49.8 149.3
157 125.6 65.5 196.3

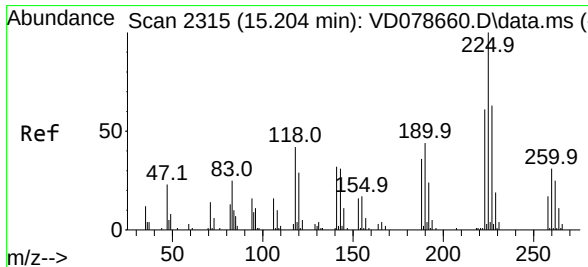
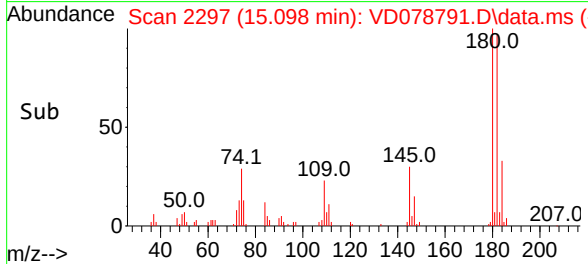
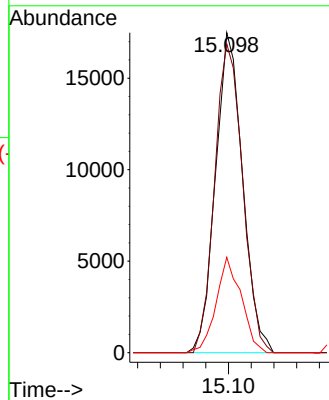
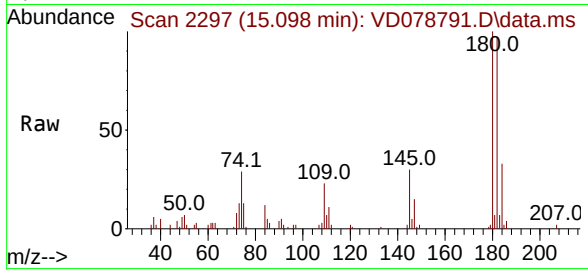




#93
 1,2,4-Trichlorobenzene
 Concen: 18.417 ug/l
 RT: 15.098 min Scan# 2297
 Delta R.T. 0.000 min
 Lab File: VD078791.D
 Acq: 29 Mar 2024 13:47

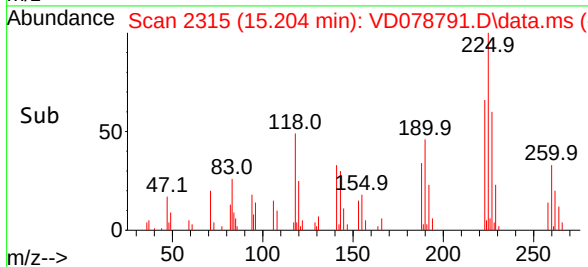
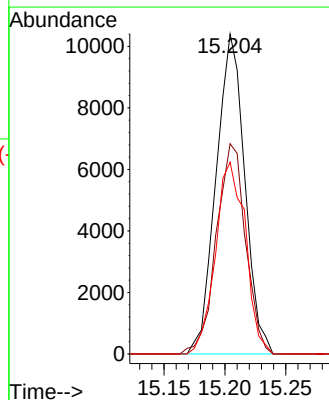
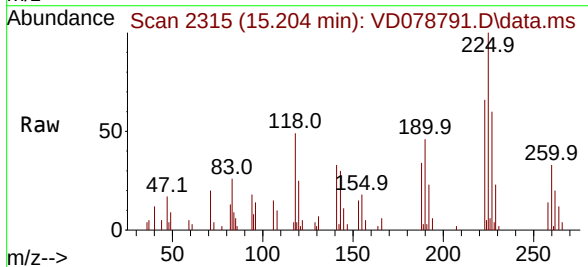
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0329SBS01

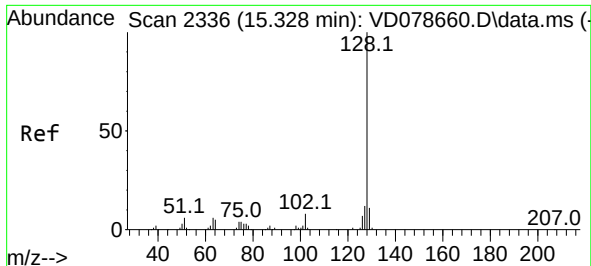
Tgt Ion:	180	Resp:	29026
Ion Ratio	Lower	Upper	
180	100		
182	99.1	49.7	149.1
145	27.6	14.6	44.0



#94
 Hexachlorobutadiene
 Concen: 19.942 ug/l
 RT: 15.204 min Scan# 2315
 Delta R.T. 0.000 min
 Lab File: VD078791.D
 Acq: 29 Mar 2024 13:47

Tgt Ion:	225	Resp:	17015
Ion Ratio	Lower	Upper	
225	100		
223	67.1	31.9	95.7
227	62.6	32.0	96.0

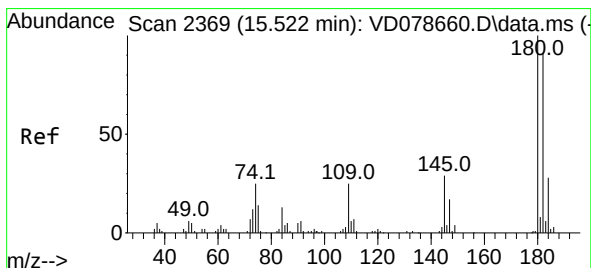
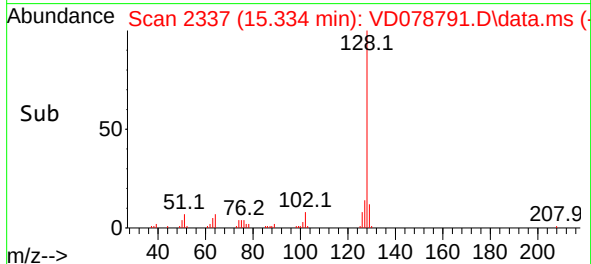
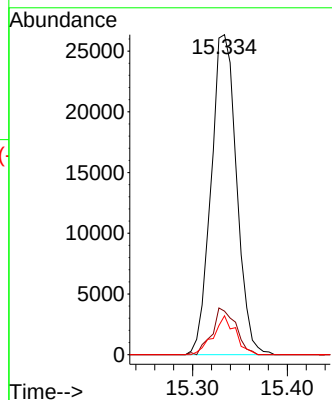
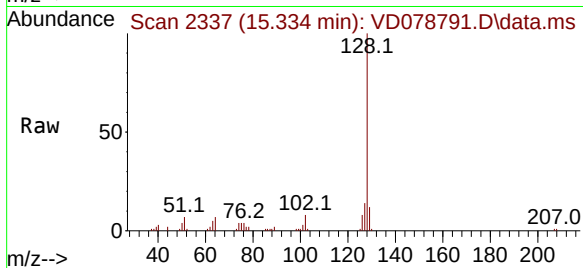




#95
Naphthalene
Concen: 17.970 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD078791.D
Acq: 29 Mar 2024 13:47

Instrument :
MSVOA_D
ClientSampleId :
VD0329SBS01

Tgt Ion:128	Resp:	49240
Ion Ratio	Lower	Upper
128	100	
127	13.6	9.3 13.9
129	12.1	8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 19.189 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD078791.D
Acq: 29 Mar 2024 13:47

Tgt Ion:180	Resp:	26164
Ion Ratio	Lower	Upper
180	100	
182	93.2	46.7 140.1
145	29.7	14.4 43.4

