

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051525\
 Data File : VD080341.D
 Acq On : 15 May 2025 11:48
 Operator : RP/MD
 Sample : VD0515SBS01
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0515SBS01

Quant Time: May 16 02:53:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050625S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 07 08:57:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	109411	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	182255	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	166653	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	89680	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.235	65	70540	49.856	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.720%
35) Dibromofluoromethane	7.805	113	65342	53.492	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.980%
50) Toluene-d8	10.270	98	243611	50.615	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.240%
62) 4-Bromofluorobenzene	12.570	95	77403	50.105	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.200%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.935	85	28165	26.489	ug/l 97
3) Chloromethane	2.153	50	41801	19.171	ug/l 99
4) Vinyl Chloride	2.288	62	47601	16.735	ug/l 99
5) Bromomethane	2.694	94	34546	16.873	ug/l 96
6) Chloroethane	2.841	64	34338	17.074	ug/l 100
7) Trichlorofluoromethane	3.176	101	46811	21.463	ug/l 94
8) Diethyl Ether	3.594	74	14137	20.998	ug/l 97
9) 1,1,2-Trichlorotrifluo...	3.970	101	28789	21.424	ug/l 98
10) Methyl Iodide	4.164	142	29092	21.238	ug/l 99
11) Tert butyl alcohol	5.064	59	8704	101.379	ug/l # 82
12) 1,1-Dichloroethene	3.941	96	26426	19.947	ug/l 96
13) Acrolein	3.794	56	8159	54.011	ug/l 95
14) Allyl chloride	4.564	41	38002	18.239	ug/l 95
15) Acrylonitrile	5.253	53	30767	95.057	ug/l 98
16) Acetone	4.017	43	24913	105.595	ug/l 95
17) Carbon Disulfide	4.270	76	90654	19.706	ug/l 99
18) Methyl Acetate	4.564	43	18445	20.147	ug/l 99
19) Methyl tert-butyl Ether	5.323	73	58704	20.170	ug/l 99
20) Methylene Chloride	4.805	84	34767	20.772	ug/l 94
21) trans-1,2-Dichloroethene	5.311	96	29298	20.357	ug/l 93
22) Diisopropyl ether	6.217	45	87348	20.351	ug/l 98
23) Vinyl Acetate	6.158	43	234552	93.830	ug/l 95
24) 1,1-Dichloroethane	6.111	63	55404	20.514	ug/l 95
25) 2-Butanone	7.082	43	37792	97.078	ug/l 95
26) 2,2-Dichloropropane	7.070	77	42618	19.831	ug/l 99
27) cis-1,2-Dichloroethene	7.082	96	32431	20.339	ug/l 96
28) Bromochloromethane	7.429	49	25133	19.986	ug/l 91
29) Tetrahydrofuran	7.447	42	22457	88.474	ug/l 97
30) Chloroform	7.599	83	54858	20.368	ug/l 98
31) Cyclohexane	7.882	56	42696	18.575	ug/l 97
32) 1,1,1-Trichloroethane	7.794	97	46117	20.988	ug/l 97
36) 1,1-Dichloropropene	8.011	75	36645	20.072	ug/l 99
37) Ethyl Acetate	7.176	43	17925	18.777	ug/l # 93
38) Carbon Tetrachloride	7.994	117	39026	20.498	ug/l 98
39) Methylcyclohexane	9.276	83	39915	18.842	ug/l 94
40) Benzene	8.252	78	114946	20.095	ug/l 100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	8033	15.206	ug/l #	88
42) 1,2-Dichloroethane	8.329	62	32530	19.625	ug/l	99
43) Isopropyl Acetate	8.364	43	33940	19.606	ug/l	98
44) Trichloroethene	9.029	130	27296	20.556	ug/l	96
45) 1,2-Dichloropropane	9.305	63	29961	20.422	ug/l	92
46) Dibromomethane	9.393	93	16529	20.694	ug/l	98
47) Bromodichloromethane	9.582	83	41482	20.461	ug/l	97
48) Methyl methacrylate	9.382	41	15266	18.560	ug/l	99
49) 1,4-Dioxane	9.388	88	3387	356.661	ug/l	90
51) 4-Methyl-2-Pentanone	10.158	43	84541	94.783	ug/l	98
52) Toluene	10.335	92	71143	20.644	ug/l	97
53) t-1,3-Dichloropropene	10.552	75	37091	20.068	ug/l	98
54) cis-1,3-Dichloropropene	10.017	75	42326	19.762	ug/l	95
55) 1,1,2-Trichloroethane	10.735	97	22283	21.090	ug/l	94
56) Ethyl methacrylate	10.593	69	23746	18.548	ug/l #	88
57) 1,3-Dichloropropane	10.876	76	35887	20.437	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.870	63	50928	97.201	ug/l	99
59) 2-Hexanone	10.923	43	54779	89.279	ug/l	98
60) Dibromochloromethane	11.076	129	28291	21.367	ug/l	99
61) 1,2-Dibromoethane	11.176	107	20461	20.885	ug/l	98
64) Tetrachloroethene	10.805	164	22696	20.111	ug/l	98
65) Chlorobenzene	11.605	112	76223	20.256	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.676	131	27472	21.250	ug/l	96
67) Ethyl Benzene	11.682	91	122459	19.474	ug/l	94
68) m/p-Xylenes	11.793	106	98802	40.465	ug/l	99
69) o-Xylene	12.117	106	43911	19.681	ug/l	97
70) Styrene	12.135	104	79347	19.805	ug/l	99
71) Bromoform	12.299	173	16103	20.965	ug/l #	98
73) Isopropylbenzene	12.423	105	112034	19.258	ug/l	99
74) N-amyl acetate	12.235	43	30362	18.185	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.670	83	25406	19.860	ug/l	100
76) 1,2,3-Trichloropropane	12.723	75	33034	38.166	ug/l #	100
77) Bromobenzene	12.699	156	30360	20.120	ug/l	96
78) n-propylbenzene	12.764	91	144282	19.764	ug/l	99
79) 2-Chlorotoluene	12.846	91	85825	20.211	ug/l	98
80) 1,3,5-Trimethylbenzene	12.899	105	97417	19.634	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.470	75	9288	20.369	ug/l	98
82) 4-Chlorotoluene	12.946	91	93479	20.393	ug/l	99
83) tert-Butylbenzene	13.164	119	79902	19.298	ug/l	98
84) 1,2,4-Trimethylbenzene	13.211	105	100380	19.773	ug/l	99
85) sec-Butylbenzene	13.340	105	125273	19.620	ug/l	100
86) p-Isopropyltoluene	13.458	119	103450	19.278	ug/l	99
87) 1,3-Dichlorobenzene	13.452	146	61914	19.674	ug/l	100
88) 1,4-Dichlorobenzene	13.534	146	62973	19.850	ug/l	97
89) n-Butylbenzene	13.781	91	98011	18.815	ug/l	100
90) Hexachloroethane	14.052	117	24544	20.671	ug/l	98
91) 1,2-Dichlorobenzene	13.829	146	56054	20.505	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.446	75	4120	20.207	ug/l	95
93) 1,2,4-Trichlorobenzene	15.099	180	33614	19.552	ug/l	99
94) Hexachlorobutadiene	15.199	225	16931	18.930	ug/l	97
95) Naphthalene	15.328	128	58113	18.002	ug/l	98
96) 1,2,3-Trichlorobenzene	15.523	180	28988	18.853	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed May 07 08:57:11 2025
Response via : Initial Calibration

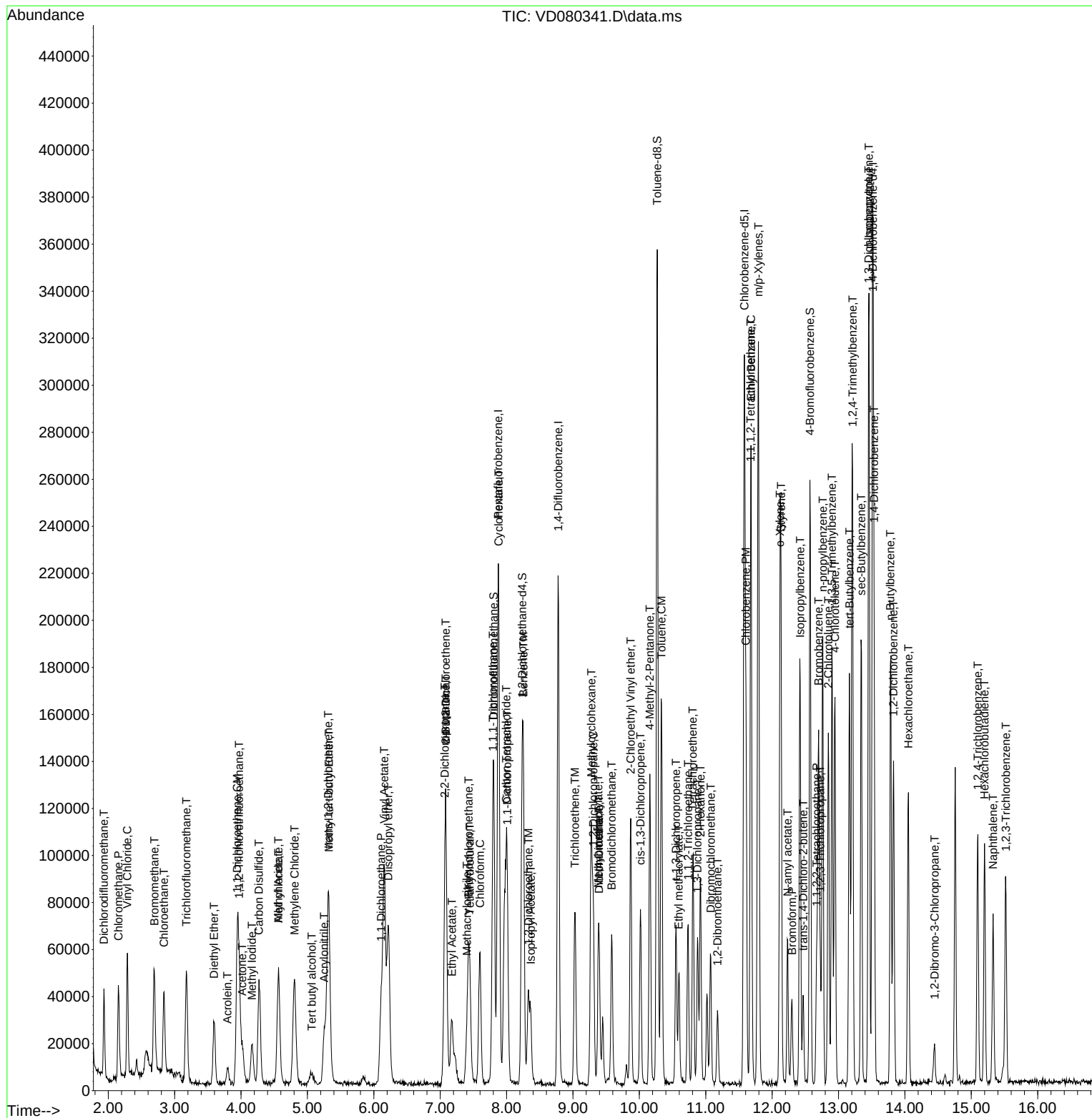
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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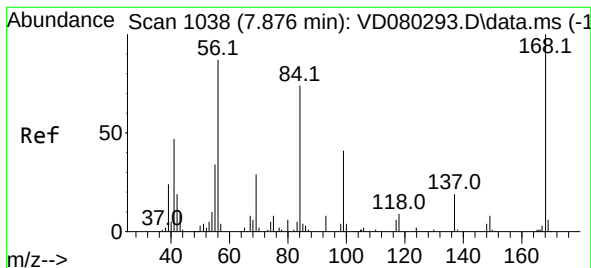
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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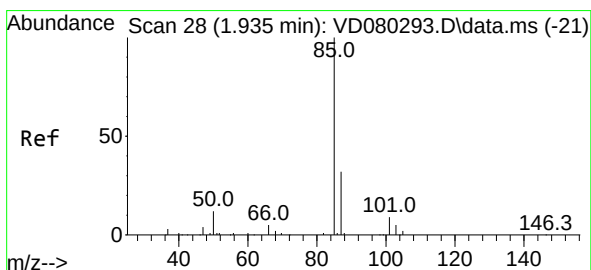
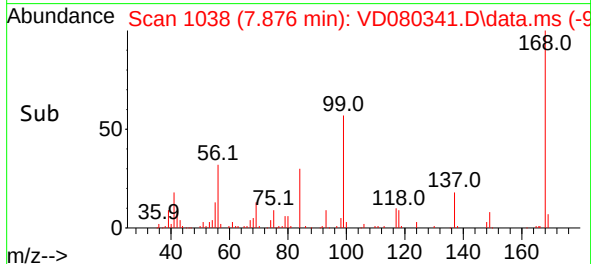
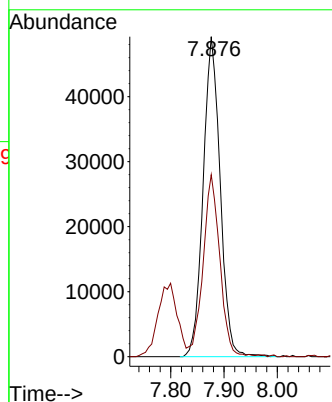
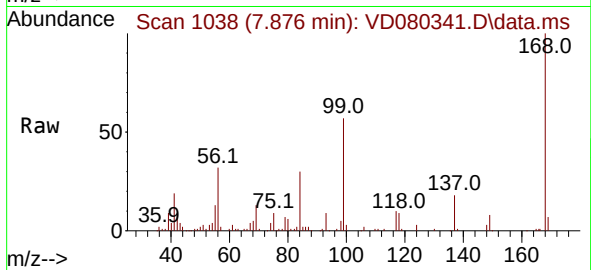




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.001 min
Lab File: VD080341.D
Acq: 15 May 2025 11:48

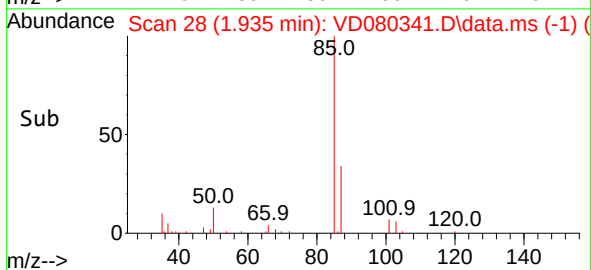
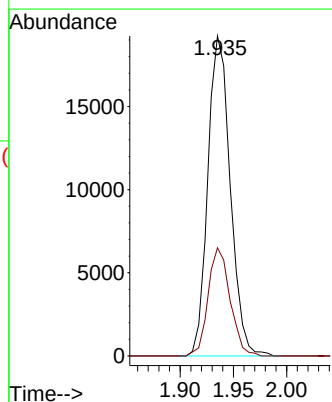
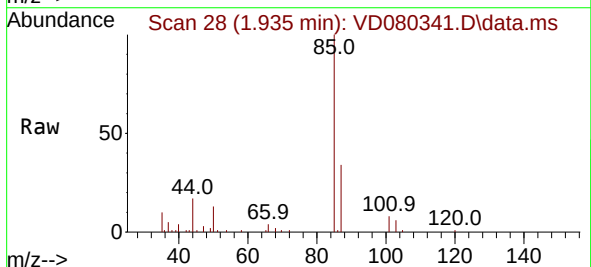
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBSD01

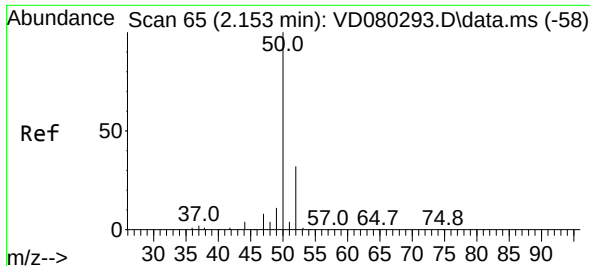
Tgt Ion:168 Resp: 109411
Ion Ratio Lower Upper
168 100
99 56.9 46.0 69.0



#2
Dichlorodifluoromethane
Concen: 26.489 ug/l
RT: 1.935 min Scan# 28
Delta R.T. 0.001 min
Lab File: VD080341.D
Acq: 15 May 2025 11:48

Tgt Ion: 85 Resp: 28165
Ion Ratio Lower Upper
85 100
87 33.8 16.1 48.2

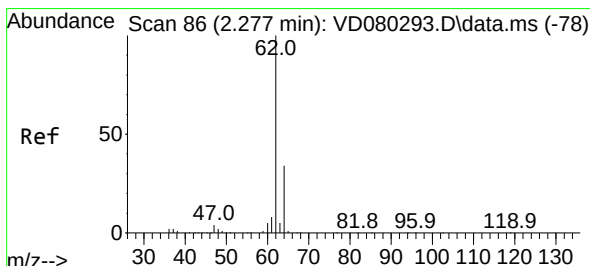
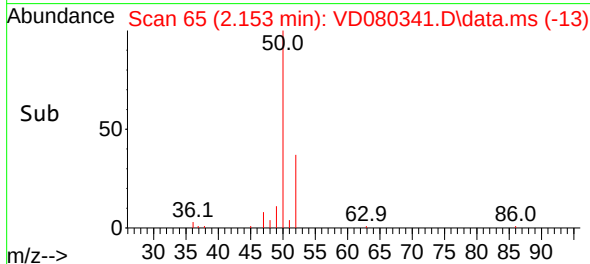
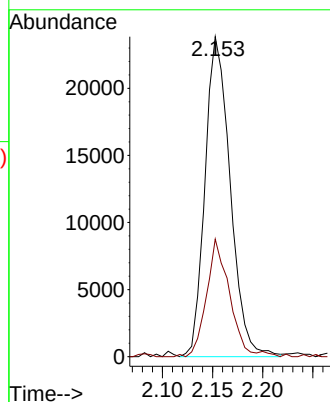
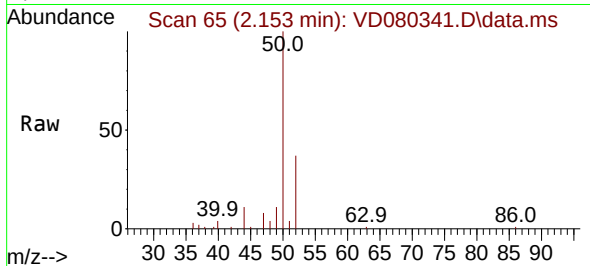




#3
Chloromethane
Concen: 19.171 ug/l
RT: 2.153 min Scan# 61
Delta R.T. 0.007 min
Lab File: VD080341.D
Acq: 15 May 2025 11:48

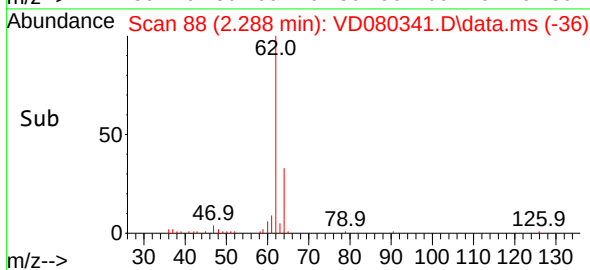
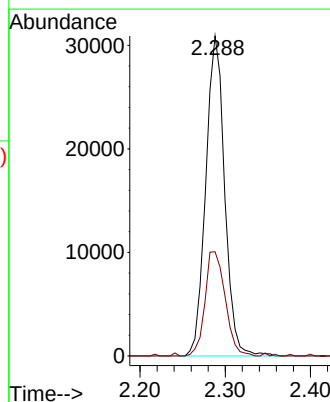
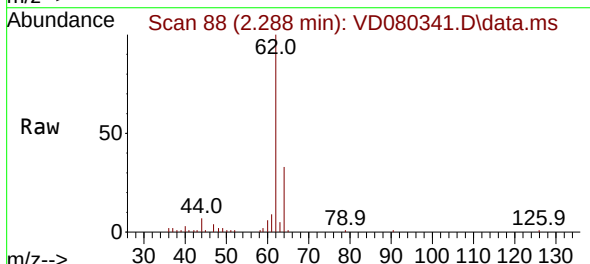
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBSD01

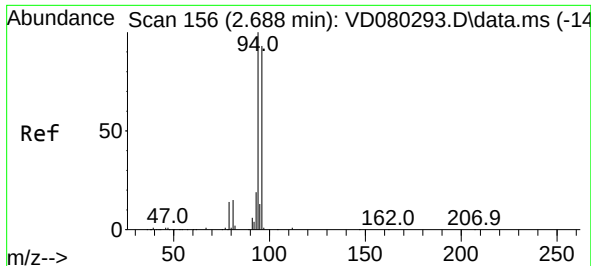
Tgt Ion: 50 Resp: 41801
Ion Ratio Lower Upper
50 100
52 36.8 28.8 43.2



#4
Vinyl Chloride
Concen: 16.735 ug/l
RT: 2.288 min Scan# 88
Delta R.T. 0.007 min
Lab File: VD080341.D
Acq: 15 May 2025 11:48

Tgt Ion: 62 Resp: 47601
Ion Ratio Lower Upper
62 100
64 32.5 26.5 39.7

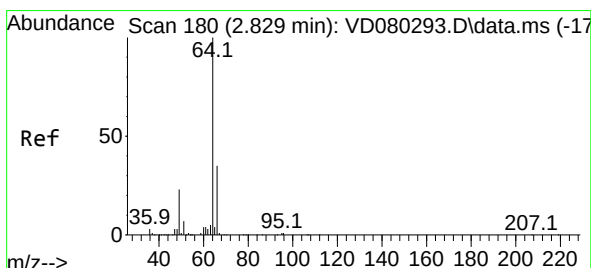
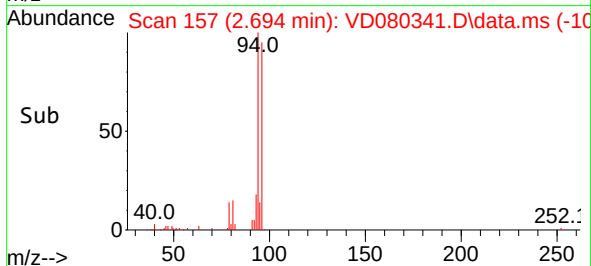
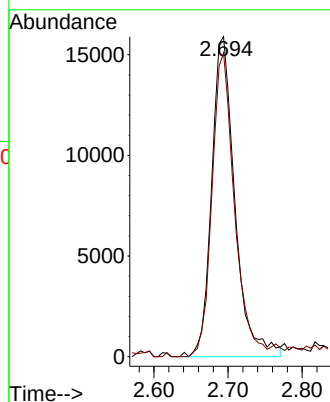
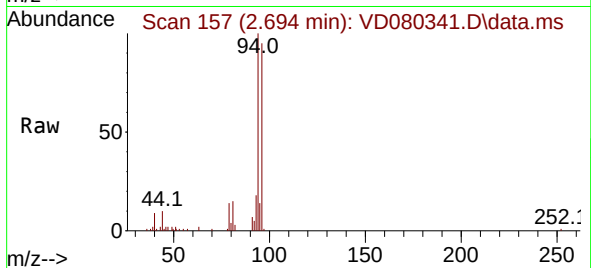




#5
Bromomethane
Concen: 16.873 ug/l
RT: 2.694 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD080341.D
Acq: 15 May 2025 11:48

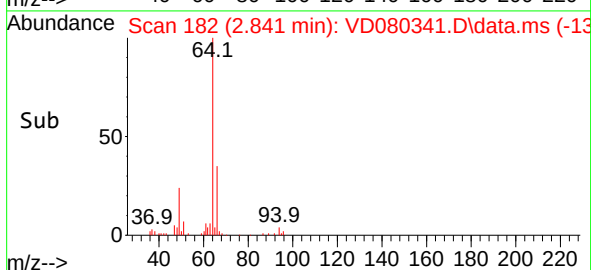
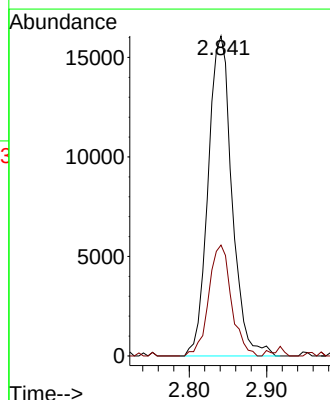
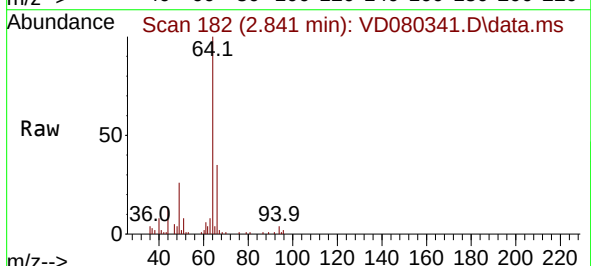
Instrument :
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ClientSampleId :
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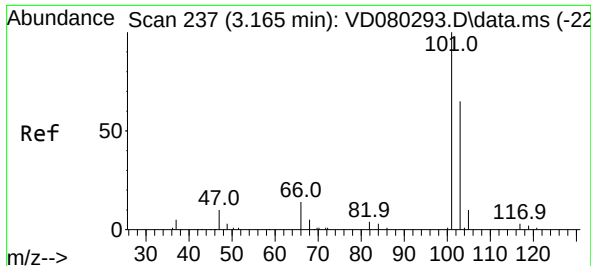
Tgt Ion: 94 Resp: 34546
Ion Ratio Lower Upper
94 100
96 91.7 76.2 114.2



#6
Chloroethane
Concen: 17.074 ug/l
RT: 2.841 min Scan# 182
Delta R.T. 0.007 min
Lab File: VD080341.D
Acq: 15 May 2025 11:48

Tgt Ion: 64 Resp: 34338
Ion Ratio Lower Upper
64 100
66 34.7 27.6 41.4

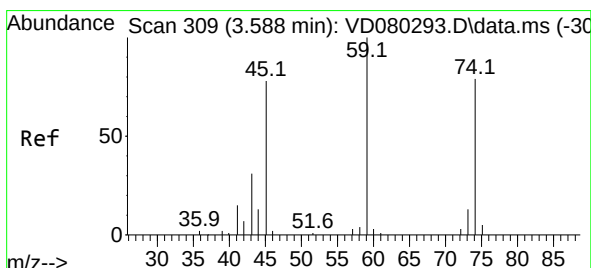
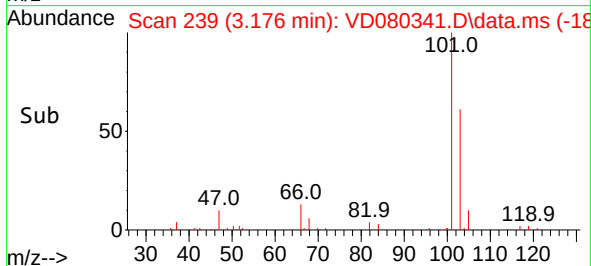
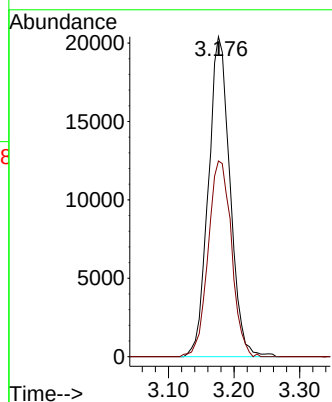
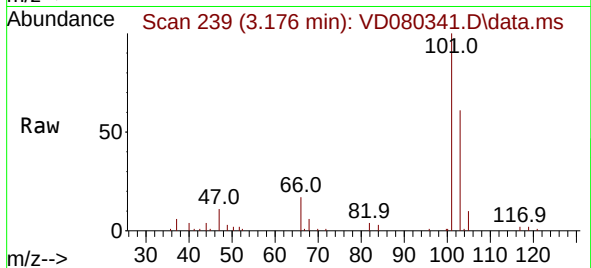




#7
 Trichlorofluoromethane
 Concen: 21.463 ug/l
 RT: 3.176 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD080341.D
 Acq: 15 May 2025 11:48

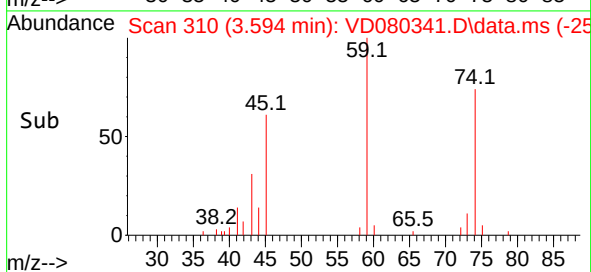
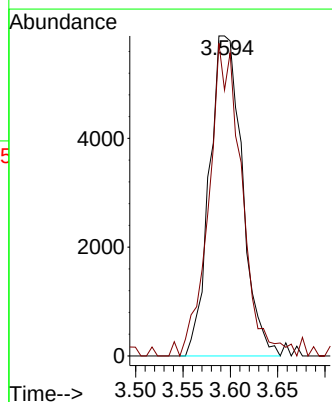
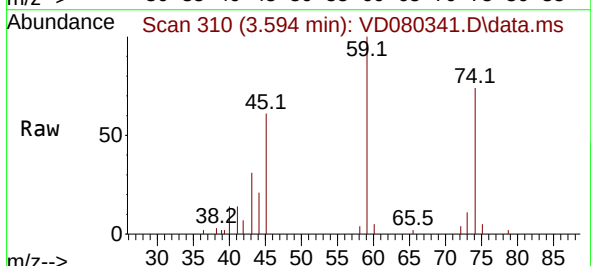
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0515SBS01

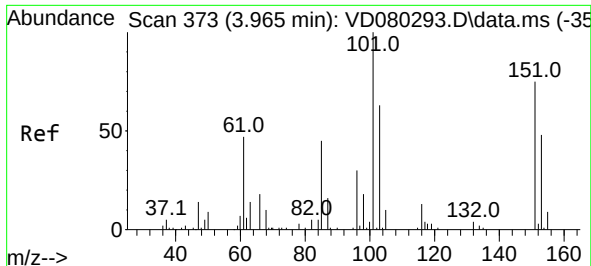
Tgt Ion:101 Resp: 46811
 Ion Ratio Lower Upper
 101 100
 103 61.2 53.0 79.6



#8
 Diethyl Ether
 Concen: 20.998 ug/l
 RT: 3.594 min Scan# 310
 Delta R.T. 0.001 min
 Lab File: VD080341.D
 Acq: 15 May 2025 11:48

Tgt Ion: 74 Resp: 14137
 Ion Ratio Lower Upper
 74 100
 45 98.2 47.8 143.3

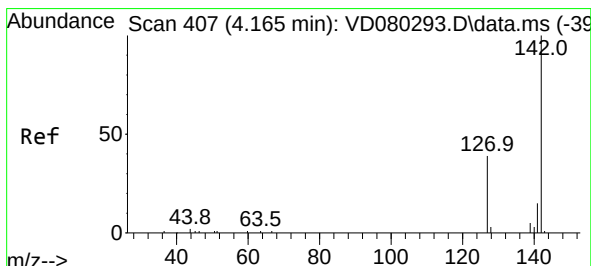
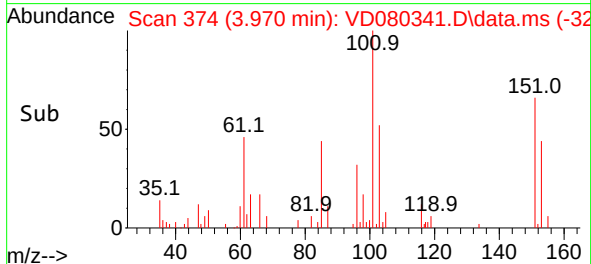
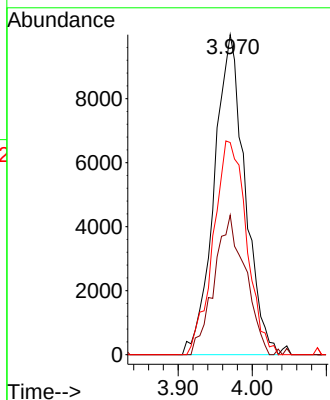
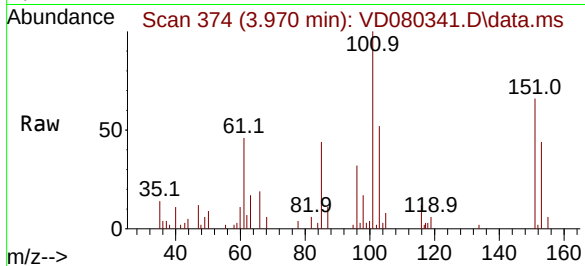




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.424 ug/l
RT: 3.970 min Scan# 373
Delta R.T. 0.000 min
Lab File: VD080341.D
Acq: 15 May 2025 11:48

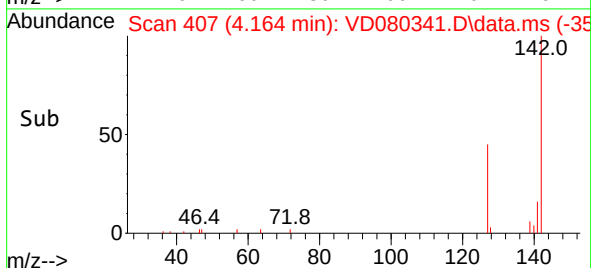
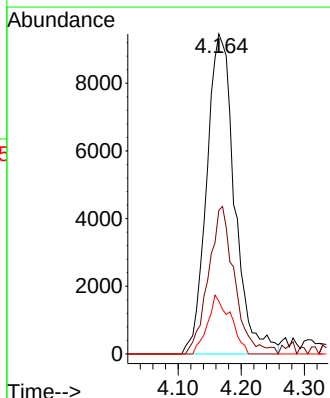
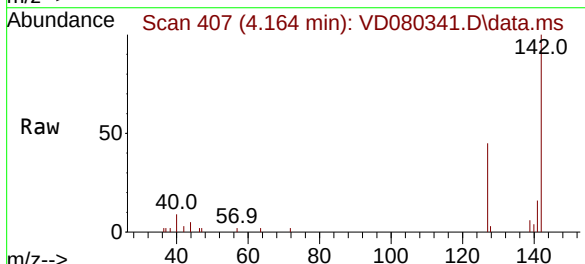
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBS01

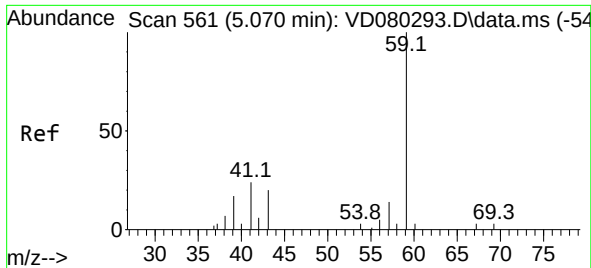
Tgt Ion:101 Resp: 28789
Ion Ratio Lower Upper
101 100
85 44.2 35.3 52.9
151 72.3 60.3 90.5



#10
Methyl Iodide
Concen: 21.238 ug/l
RT: 4.164 min Scan# 407
Delta R.T. 0.000 min
Lab File: VD080341.D
Acq: 15 May 2025 11:48

Tgt Ion:142 Resp: 29092
Ion Ratio Lower Upper
142 100
127 43.1 35.3 52.9
141 15.1 12.2 18.2

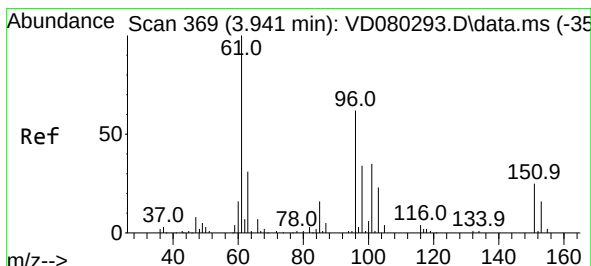
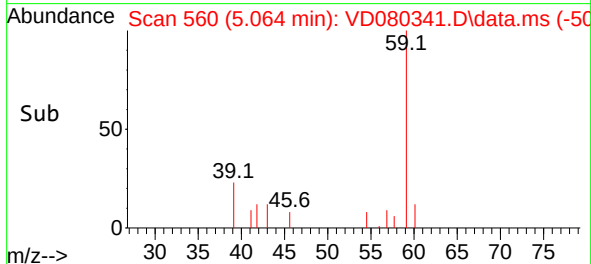
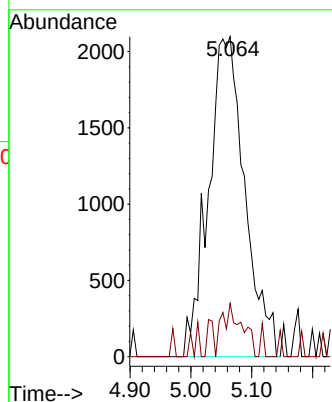
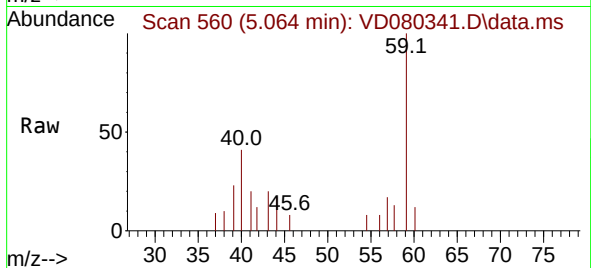




#11
Tert butyl alcohol
Concen: 101.379 ug/l
RT: 5.064 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD080341.D
Acq: 15 May 2025 11:48

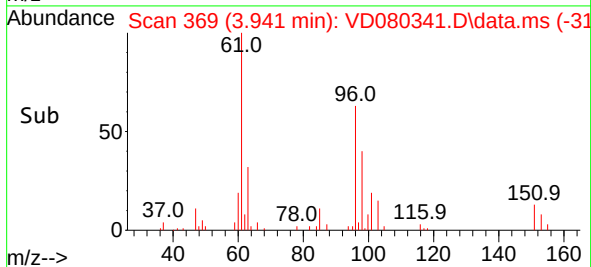
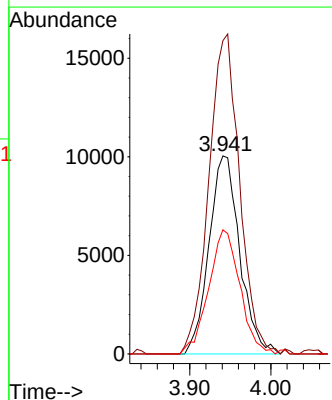
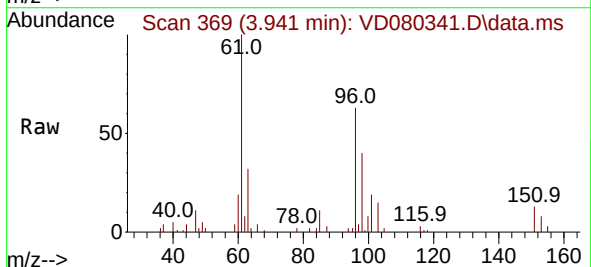
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBSD01

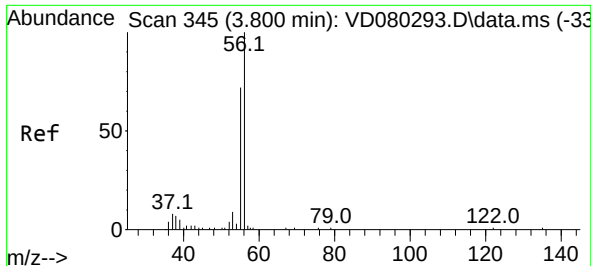
Tgt Ion: 59 Resp: 8704
Ion Ratio Lower Upper
59 100
57 0.0 4.8 7.2#



#12
1,1-Dichloroethene
Concen: 19.947 ug/l
RT: 3.941 min Scan# 369
Delta R.T. 0.001 min
Lab File: VD080341.D
Acq: 15 May 2025 11:48

Tgt Ion: 96 Resp: 26426
Ion Ratio Lower Upper
96 100
61 158.2 122.6 184.0
98 62.7 47.1 70.7

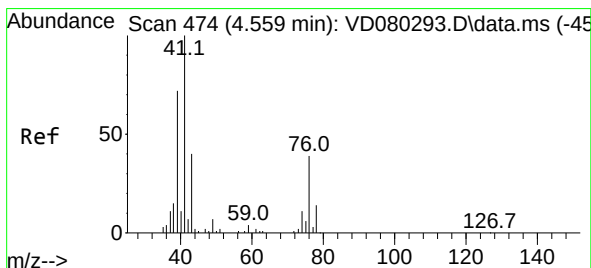
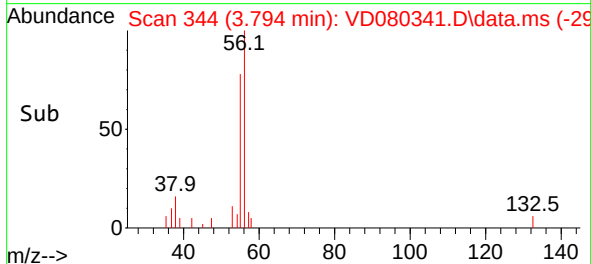
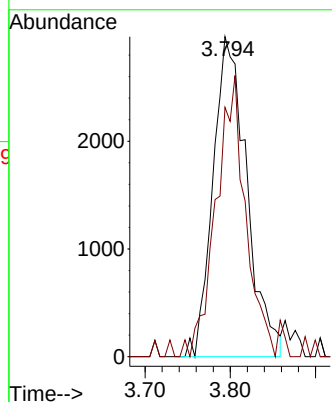
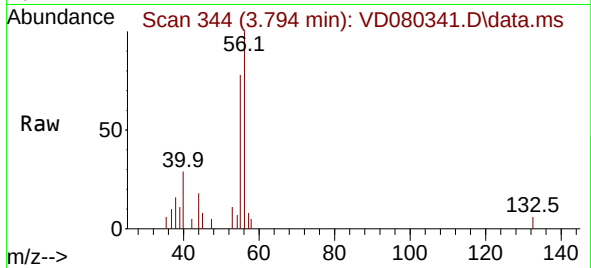




#13
Acrolein
Concen: 54.011 ug/l
RT: 3.794 min Scan# 345
Delta R.T. 0.001 min
Lab File: VD080341.D
Acq: 15 May 2025 11:48

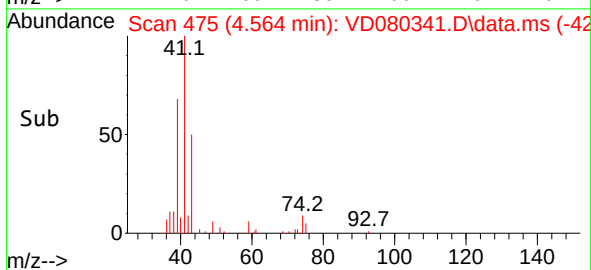
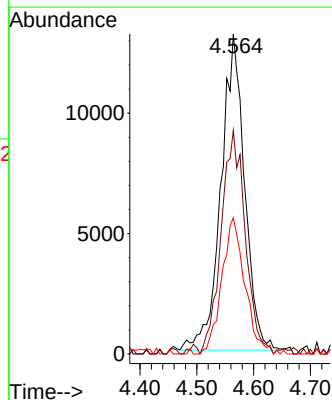
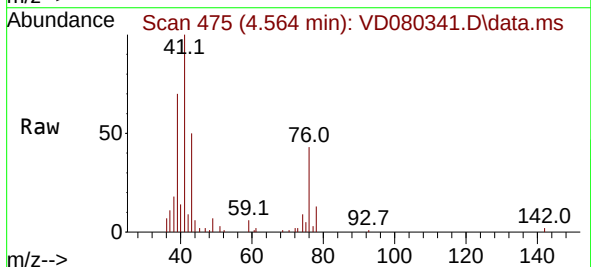
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBSD01

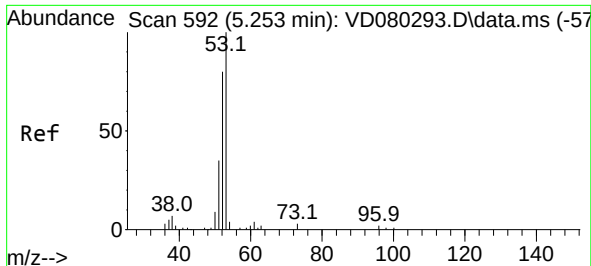
Tgt Ion: 56 Resp: 8159
Ion Ratio Lower Upper
56 100
55 76.9 58.2 87.2



#14
Allyl chloride
Concen: 18.239 ug/l
RT: 4.564 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD080341.D
Acq: 15 May 2025 11:48

Tgt Ion: 41 Resp: 38002
Ion Ratio Lower Upper
41 100
39 71.8 53.3 79.9
76 42.4 32.0 48.0

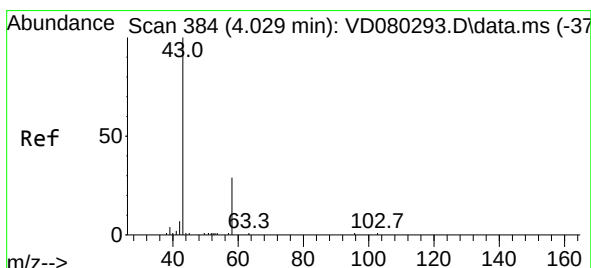
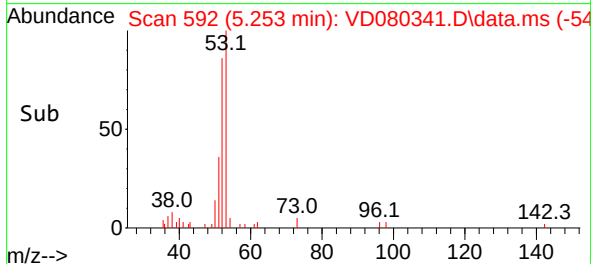
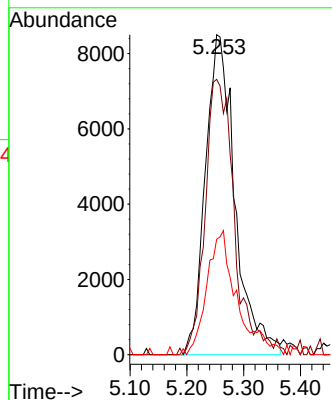
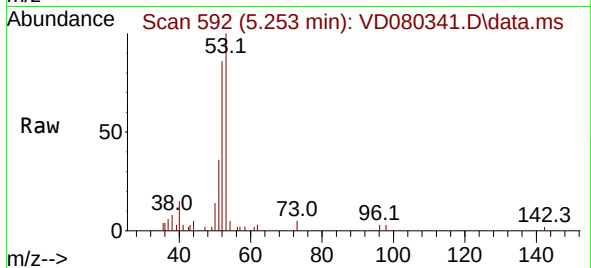




#15
Acrylonitrile
Concen: 95.057 ug/l
RT: 5.253 min Scan# 592
Delta R.T. 0.001 min
Lab File: VD080341.D
Acq: 15 May 2025 11:48

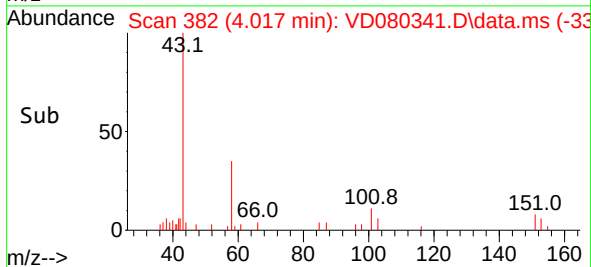
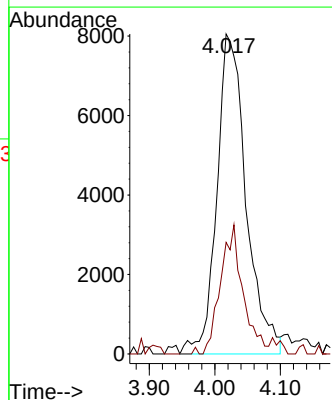
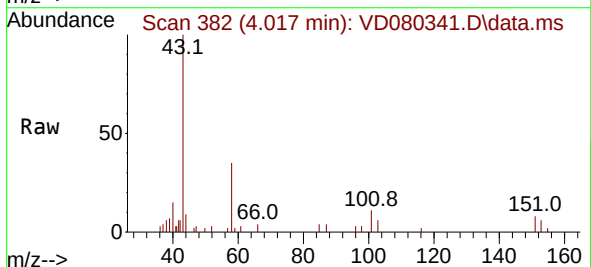
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBSD01

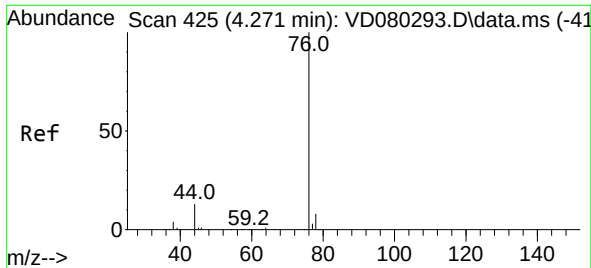
Tgt Ion: 53	Resp:	30767
Ion	Ratio	Lower Upper
53	100	
52	84.2	66.2 99.4
51	39.2	30.3 45.5



#16
Acetone
Concen: 105.595 ug/l
RT: 4.017 min Scan# 382
Delta R.T. -0.006 min
Lab File: VD080341.D
Acq: 15 May 2025 11:48

Tgt Ion: 43	Resp:	24913
Ion	Ratio	Lower Upper
43	100	
58	34.8	25.4 38.2

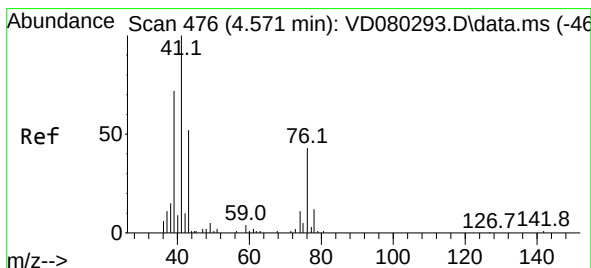
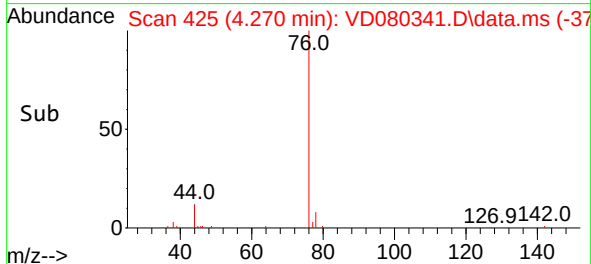
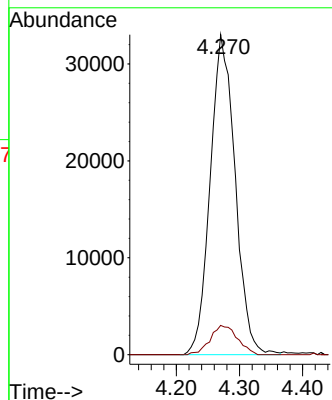
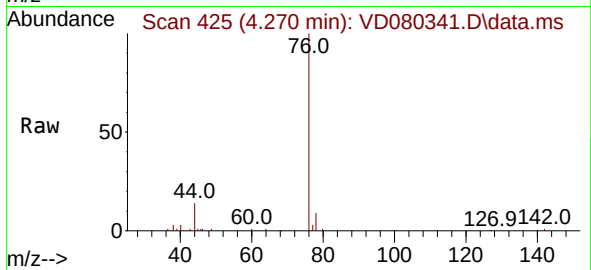




#17
Carbon Disulfide
Concen: 19.706 ug/l
RT: 4.270 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD080341.D
Acq: 15 May 2025 11:48

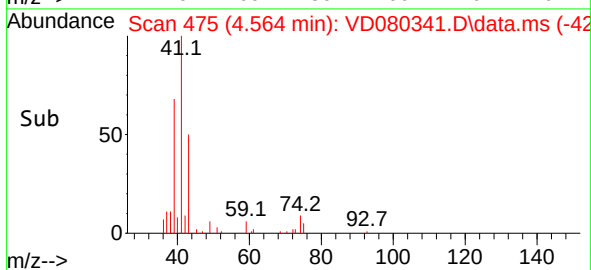
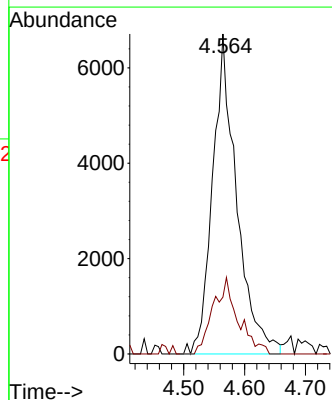
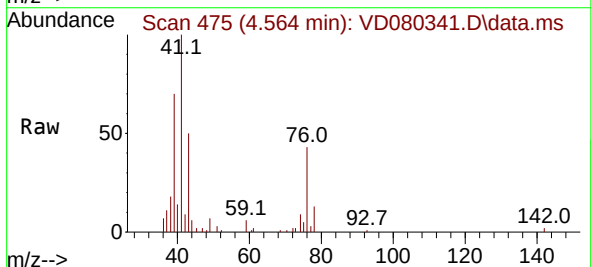
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBSD01

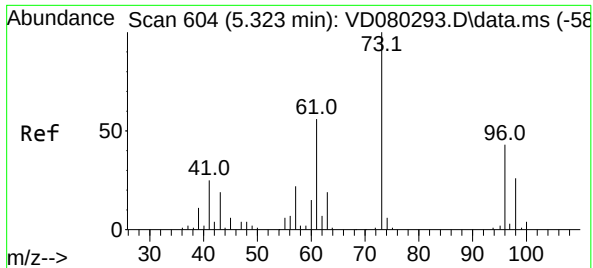
Tgt Ion: 76 Resp: 90654
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3



#18
Methyl Acetate
Concen: 20.147 ug/l
RT: 4.564 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD080341.D
Acq: 15 May 2025 11:48

Tgt Ion: 43 Resp: 18445
Ion Ratio Lower Upper
43 100
74 24.9 20.5 30.7

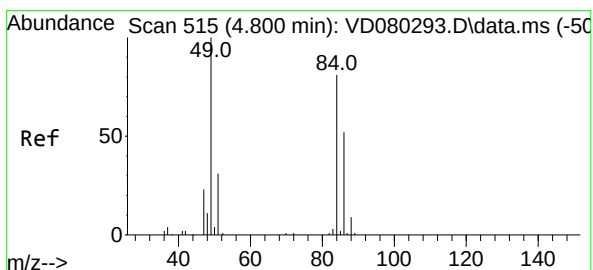
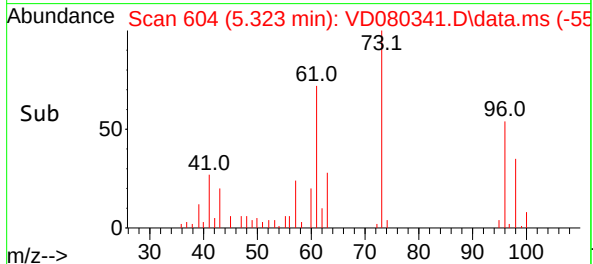
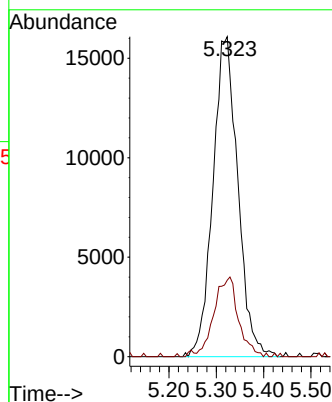
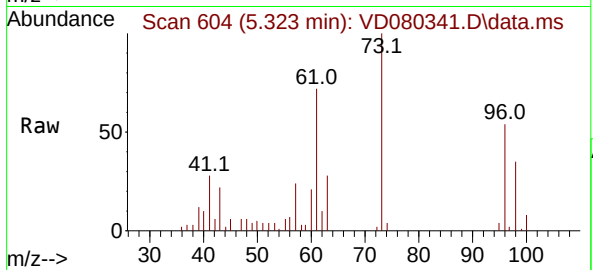




#19
Methyl tert-butyl Ether
Concen: 20.170 ug/l
RT: 5.323 min Scan# 604
Delta R.T. 0.001 min
Lab File: VD080341.D
Acq: 15 May 2025 11:48

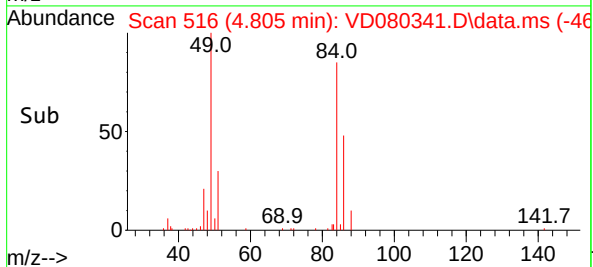
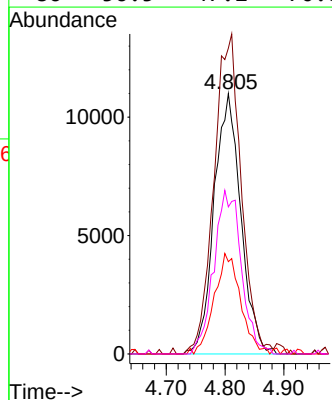
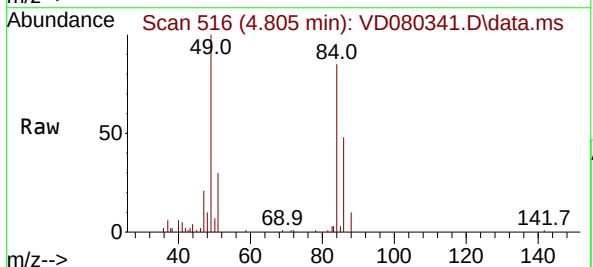
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBSD01

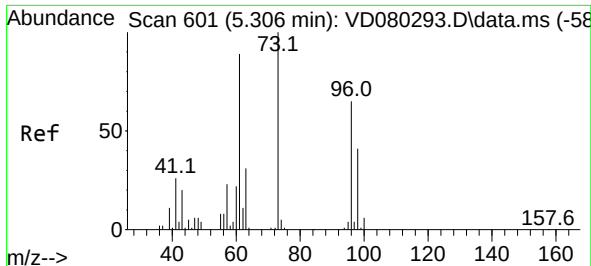
Tgt Ion: 73 Resp: 58704
Ion Ratio Lower Upper
73 100
57 23.9 18.8 28.2



#20
Methylene Chloride
Concen: 20.772 ug/l
RT: 4.805 min Scan# 516
Delta R.T. 0.000 min
Lab File: VD080341.D
Acq: 15 May 2025 11:48

Tgt Ion: 84 Resp: 34767
Ion Ratio Lower Upper
84 100
49 117.5 86.5 129.7
51 35.4 26.9 40.3
86 56.5 47.2 70.8

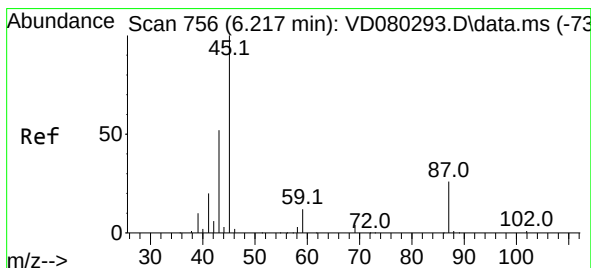
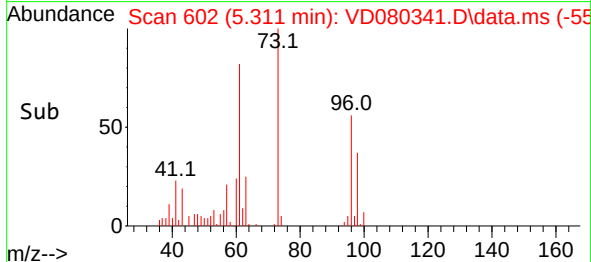
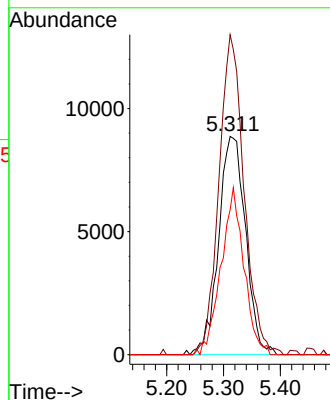
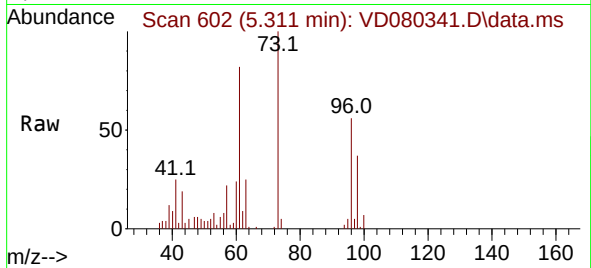




#21
trans-1,2-Dichloroethene
Concen: 20.357 ug/l
RT: 5.311 min Scan# 601
Delta R.T. 0.000 min
Lab File: VD080341.D
Acq: 15 May 2025 11:48

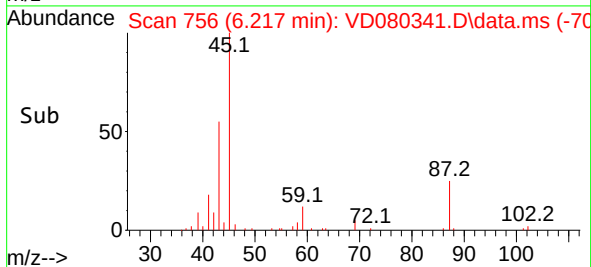
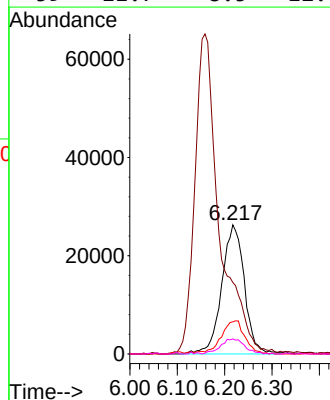
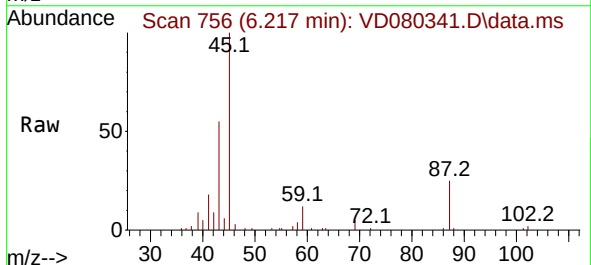
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBSD01

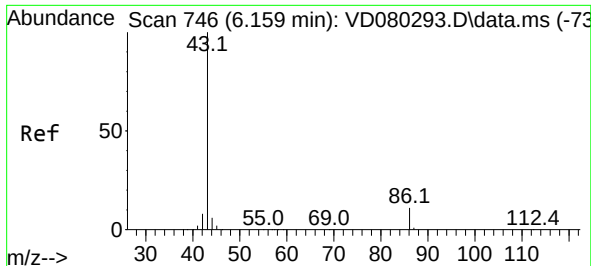
Tgt Ion: 96 Resp: 29298
Ion Ratio Lower Upper
96 100
61 146.6 109.4 164.0
98 66.4 49.8 74.8



#22
Diisopropyl ether
Concen: 20.351 ug/l
RT: 6.217 min Scan# 756
Delta R.T. 0.001 min
Lab File: VD080341.D
Acq: 15 May 2025 11:48

Tgt Ion: 45 Resp: 87348
Ion Ratio Lower Upper
45 100
43 53.3 42.6 63.8
87 24.9 22.7 34.1
59 11.7 8.5 12.7

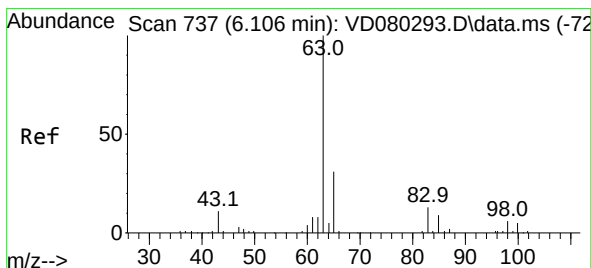
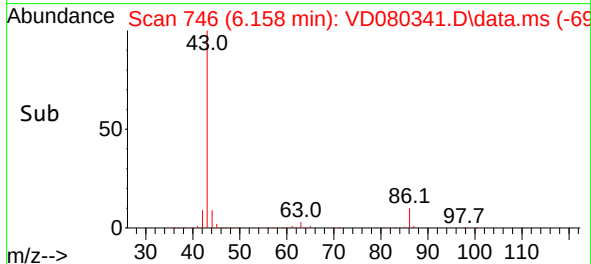
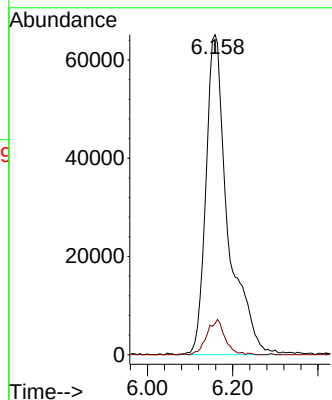
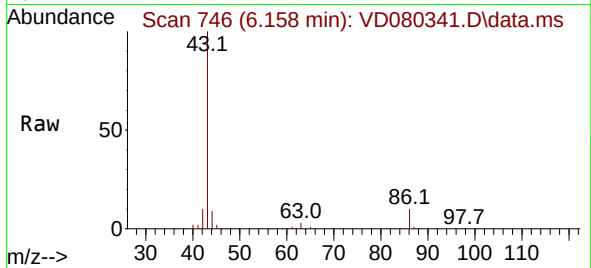




#23
 Vinyl Acetate
 Concen: 93.830 ug/l
 RT: 6.158 min Scan# 746
 Delta R.T. 0.000 min
 Lab File: VD080341.D
 Acq: 15 May 2025 11:48

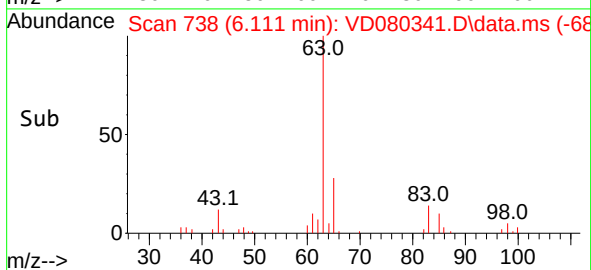
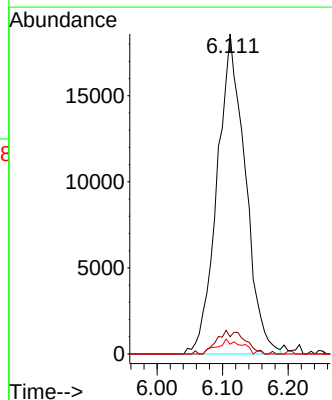
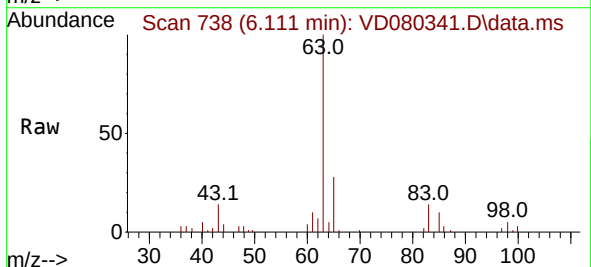
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0515SBSD01

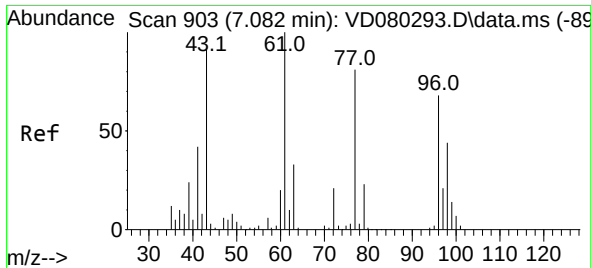
Tgt Ion: 43 Resp: 234552
 Ion Ratio Lower Upper
 43 100
 86 9.7 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 20.514 ug/l
 RT: 6.111 min Scan# 738
 Delta R.T. -0.006 min
 Lab File: VD080341.D
 Acq: 15 May 2025 11:48

Tgt Ion: 63 Resp: 55404
 Ion Ratio Lower Upper
 63 100
 98 5.4 3.5 10.6
 100 3.0 2.1 6.5

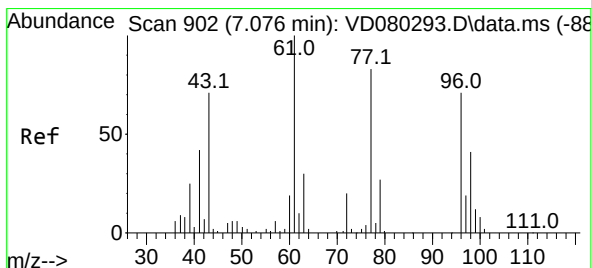
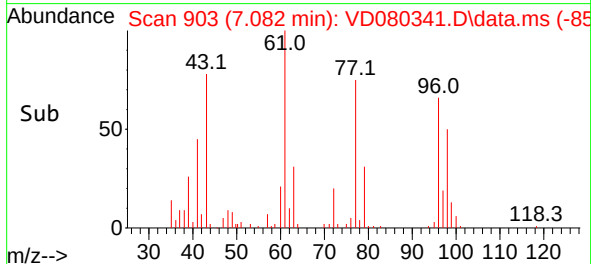
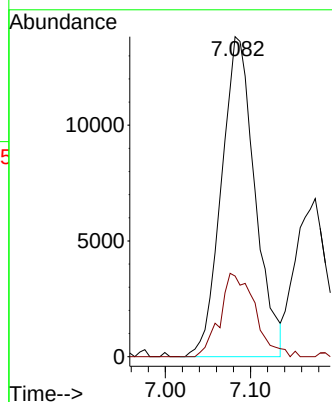
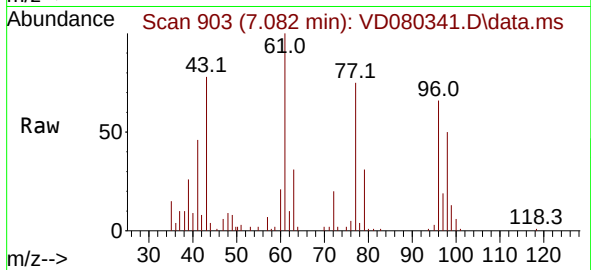




#25
2-Butanone
Concen: 97.078 ug/l
RT: 7.082 min Scan# 901
Delta R.T. -0.005 min
Lab File: VD080341.D
Acq: 15 May 2025 11:48

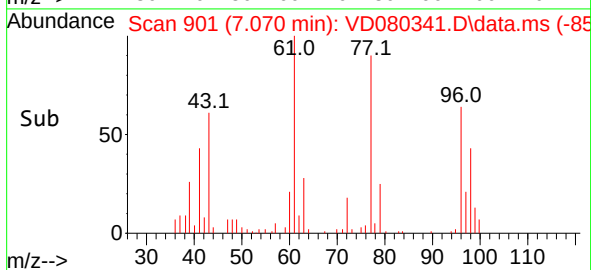
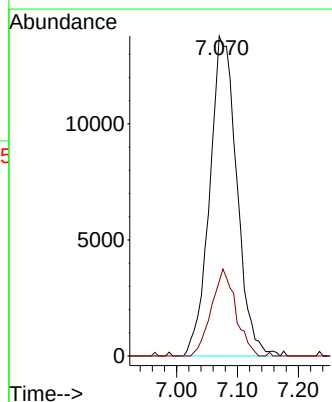
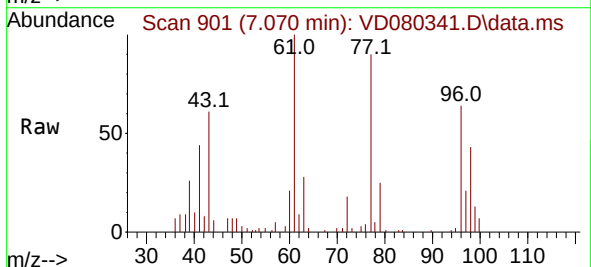
Instrument :
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ClientSampleId :
VD0515SBSD01

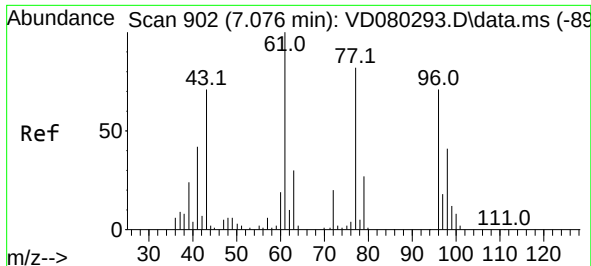
Tgt Ion: 43 Resp: 37792
Ion Ratio Lower Upper
43 100
72 25.2 22.3 33.5



#26
2,2-Dichloropropane
Concen: 19.831 ug/l
RT: 7.070 min Scan# 901
Delta R.T. -0.005 min
Lab File: VD080341.D
Acq: 15 May 2025 11:48

Tgt Ion: 77 Resp: 42618
Ion Ratio Lower Upper
77 100
97 24.4 11.9 35.9

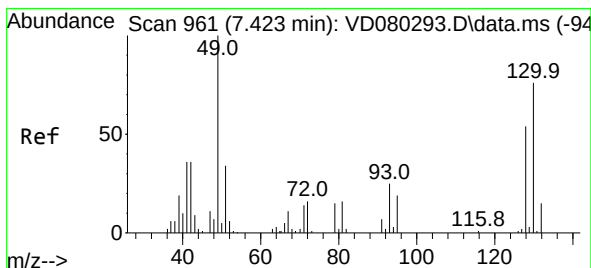
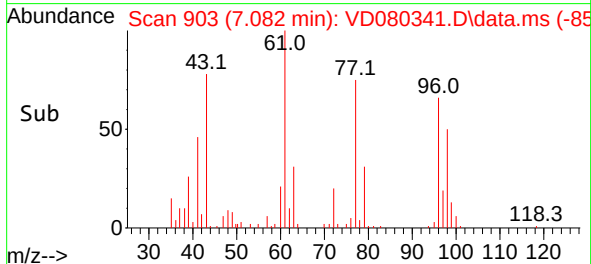
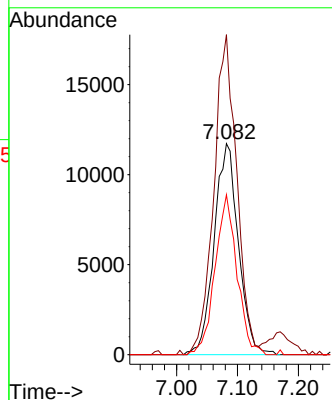
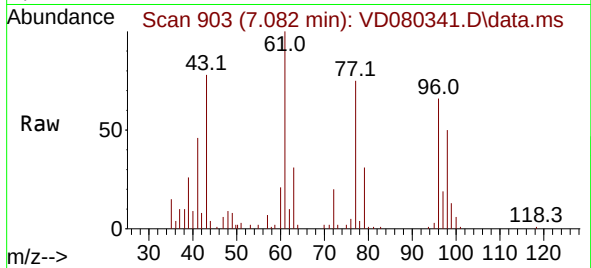




#27
 cis-1,2-Dichloroethene
 Concen: 20.339 ug/l
 RT: 7.082 min Scan# 902
 Delta R.T. 0.001 min
 Lab File: VD080341.D
 Acq: 15 May 2025 11:48

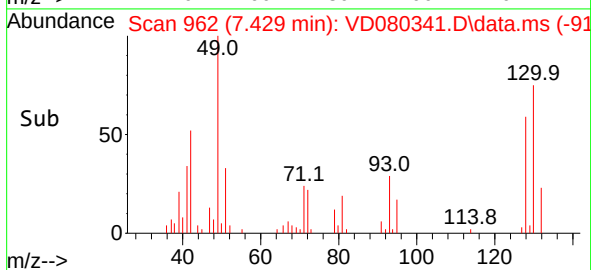
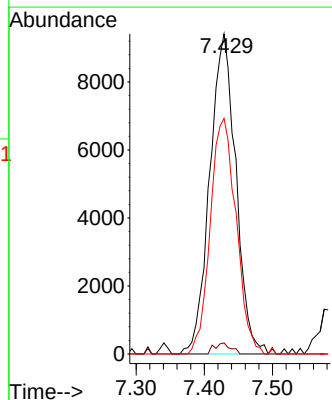
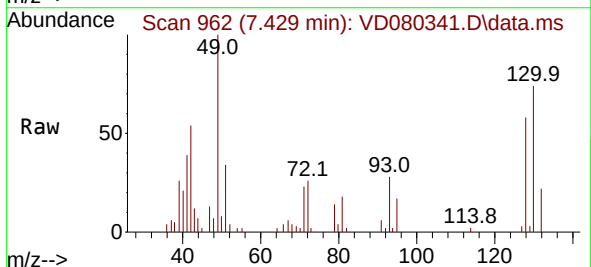
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0515SBSD01

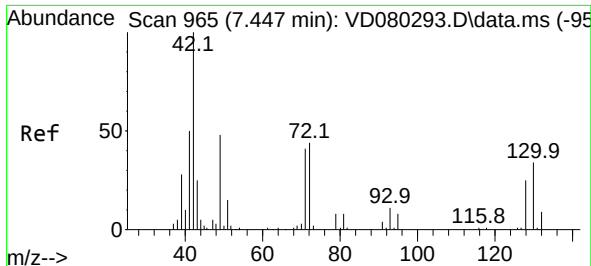
Tgt Ion: 96 Resp: 32431
 Ion Ratio Lower Upper
 96 100
 61 143.3 0.0 278.2
 98 68.7 0.0 127.8



#28
 Bromochloromethane
 Concen: 19.986 ug/l
 RT: 7.429 min Scan# 962
 Delta R.T. 0.001 min
 Lab File: VD080341.D
 Acq: 15 May 2025 11:48

Tgt Ion: 49 Resp: 25133
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 2.2
 130 72.7 64.6 97.0





#29

Tetrahydrofuran

Concen: 88.474 ug/l

RT: 7.447 min Scan# 90

Delta R.T. 0.001 min

Lab File: VD080341.D

Acq: 15 May 2025 11:48

Instrument :

MSVOA_D

ClientSampleId :

VD0515SBSD01

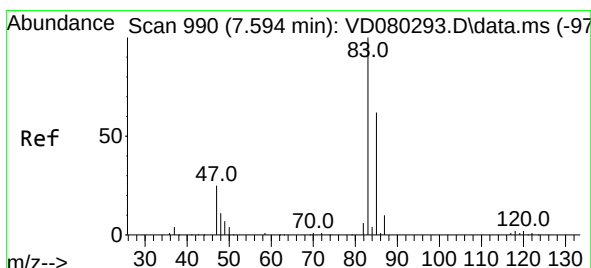
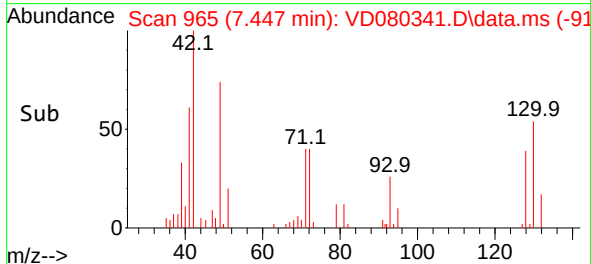
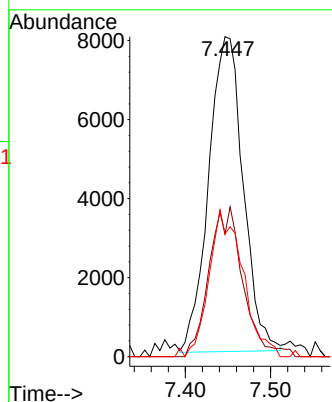
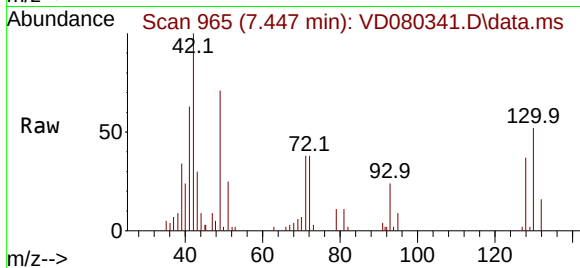
Tgt Ion: 42 Resp: 22457

Ion Ratio Lower Upper

42 100

72 46.8 36.7 55.1

71 45.6 34.4 51.6



#30

Chloroform

Concen: 20.368 ug/l

RT: 7.599 min Scan# 991

Delta R.T. 0.000 min

Lab File: VD080341.D

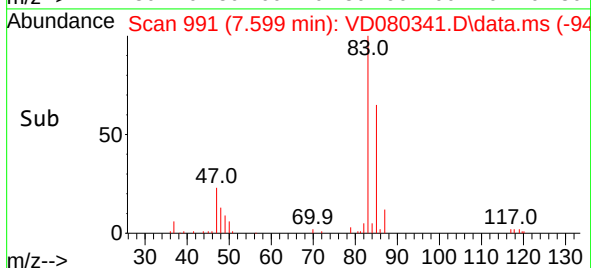
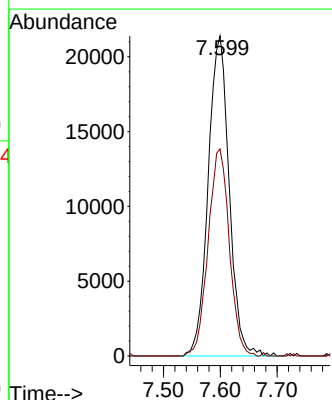
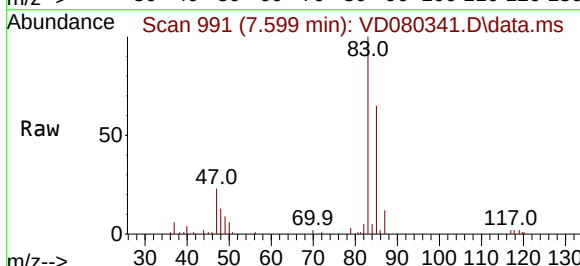
Acq: 15 May 2025 11:48

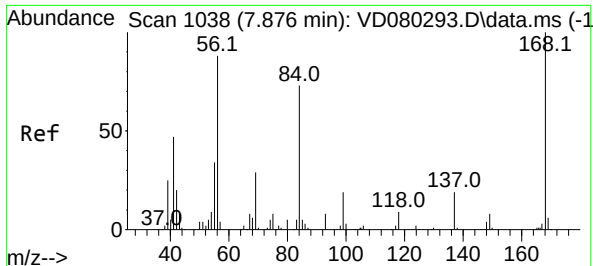
Tgt Ion: 83 Resp: 54858

Ion Ratio Lower Upper

83 100

85 64.7 50.8 76.2





#31

Cyclohexane

Concen: 18.575 ug/l

RT: 7.882 min Scan# 1039

Delta R.T. 0.001 min

Lab File: VD080341.D

Acq: 15 May 2025 11:48

Instrument :

MSVOA_D

ClientSampleId :

VD0515SBSD01

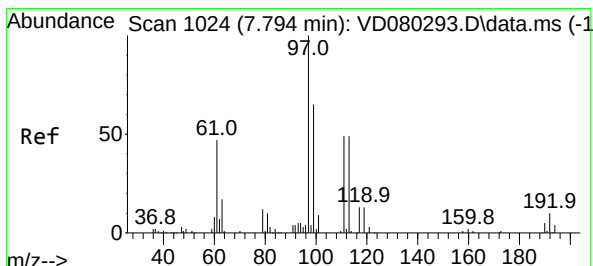
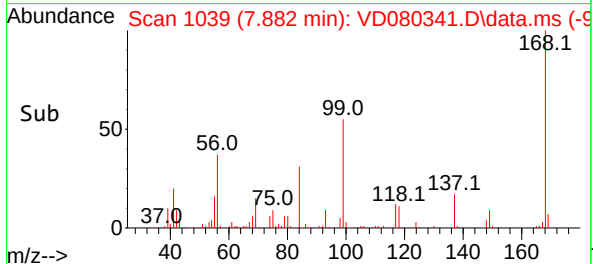
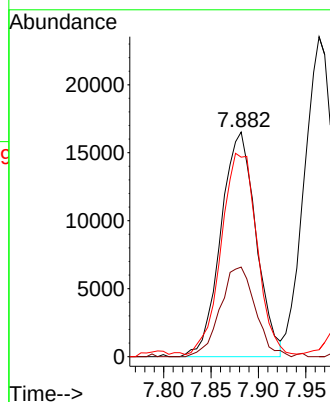
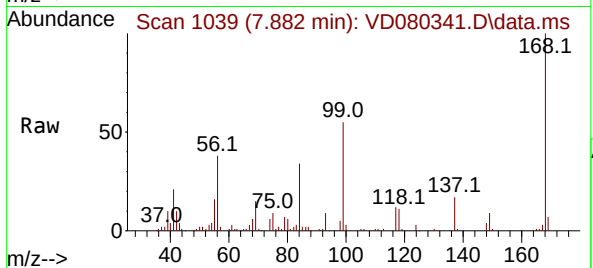
Tgt Ion: 56 Resp: 42696

Ion Ratio Lower Upper

56 100

69 39.9 27.3 40.9

84 87.1 70.2 105.4



#32

1,1,1-Trichloroethane

Concen: 20.988 ug/l

RT: 7.794 min Scan# 1024

Delta R.T. 0.001 min

Lab File: VD080341.D

Acq: 15 May 2025 11:48

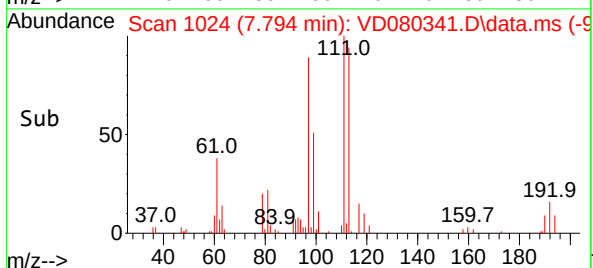
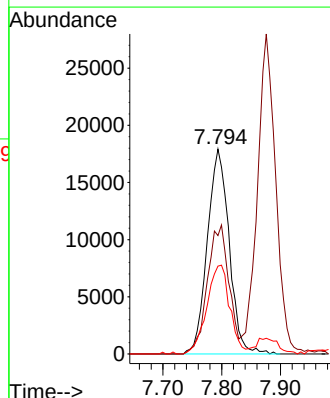
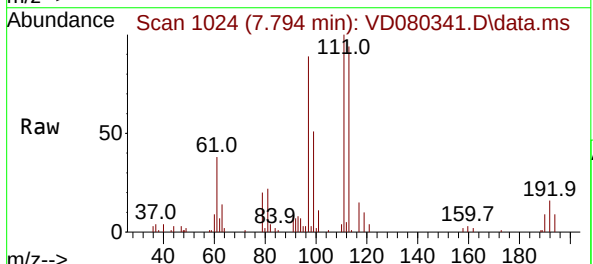
Tgt Ion: 97 Resp: 46117

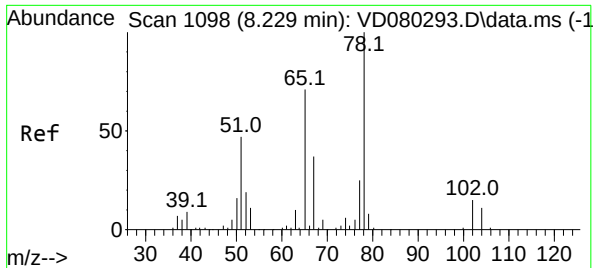
Ion Ratio Lower Upper

97 100

99 62.0 50.7 76.1

61 45.6 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 49.856 ug/l

RT: 8.235 min Scan# 1098

Delta R.T. 0.007 min

Lab File: VD080341.D

Acq: 15 May 2025 11:48

Instrument :

MSVOA_D

ClientSampleId :

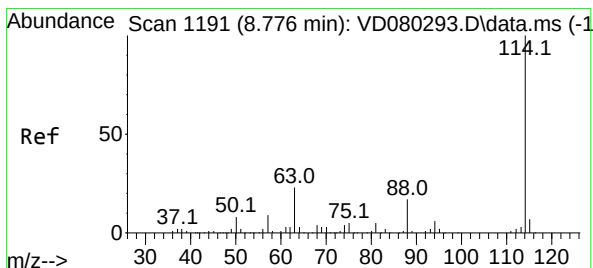
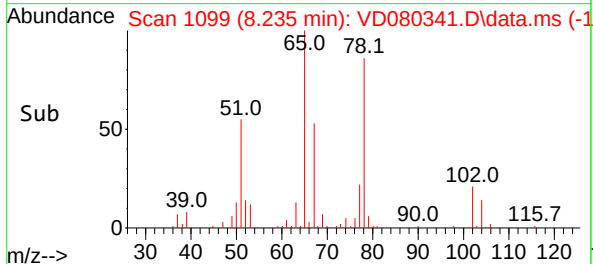
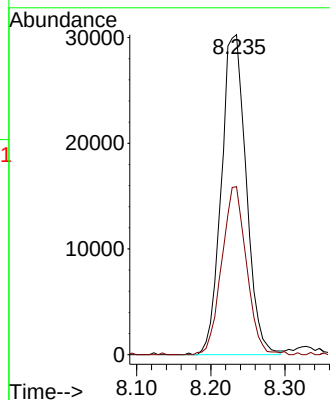
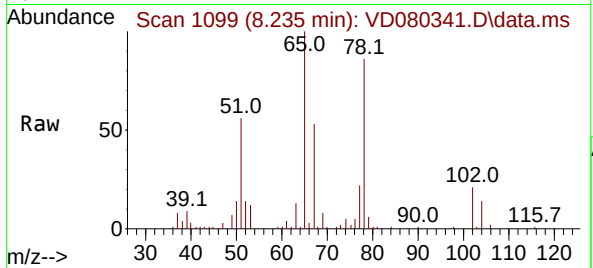
VD0515SBS01

Tgt Ion: 65 Resp: 70540

Ion Ratio Lower Upper

65 100

67 52.3 0.0 109.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.776 min Scan# 1191

Delta R.T. 0.001 min

Lab File: VD080341.D

Acq: 15 May 2025 11:48

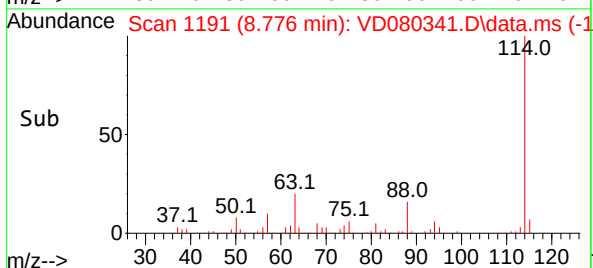
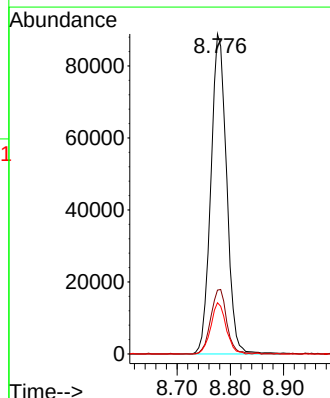
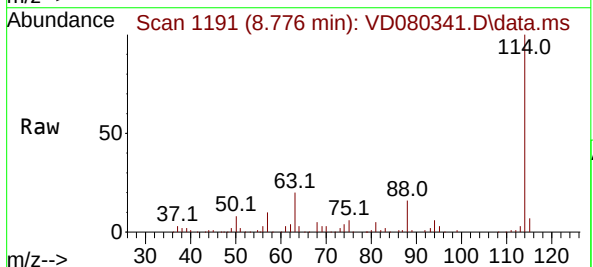
Tgt Ion: 114 Resp: 182255

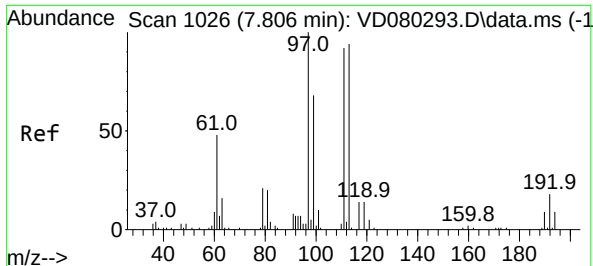
Ion Ratio Lower Upper

114 100

63 19.9 0.0 38.8

88 16.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.492 ug/l

RT: 7.805 min Scan# 1026

Delta R.T. 0.000 min

Lab File: VD080341.D

Acq: 15 May 2025 11:48

Instrument :

MSVOA_D

ClientSampleId :

VD0515SBSD01

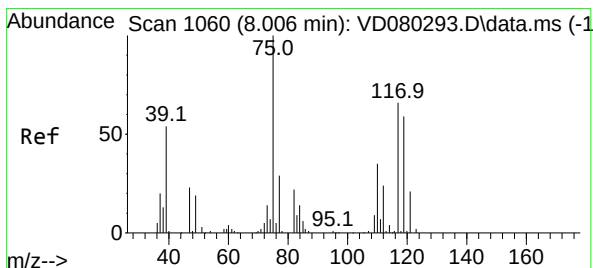
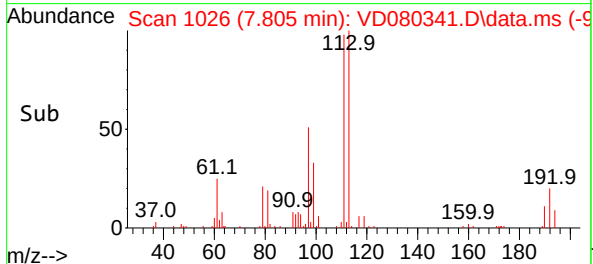
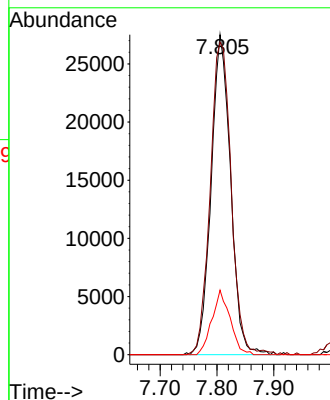
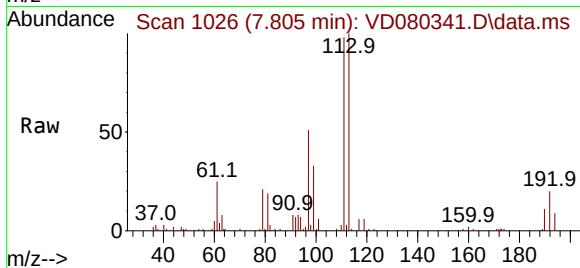
Tgt Ion:113 Resp: 65342

Ion Ratio Lower Upper

113 100

111 105.2 82.5 123.7

192 18.9 16.6 25.0



#36

1,1-Dichloropropene

Concen: 20.072 ug/l

RT: 8.011 min Scan# 1061

Delta R.T. 0.006 min

Lab File: VD080341.D

Acq: 15 May 2025 11:48

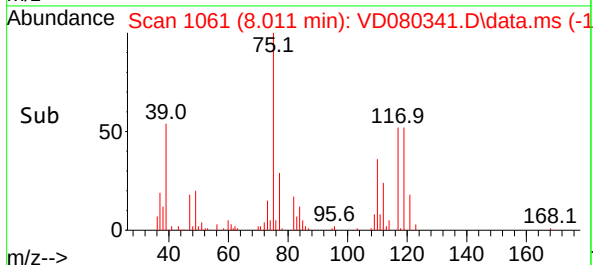
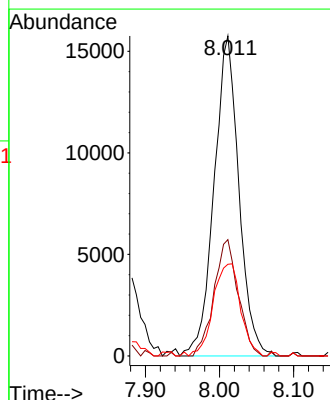
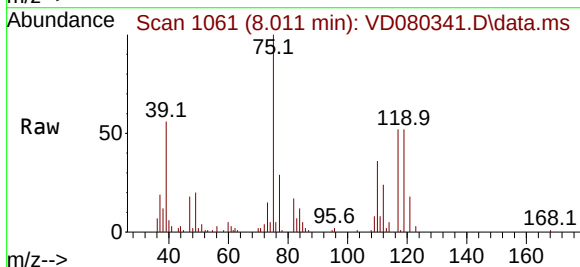
Tgt Ion: 75 Resp: 36645

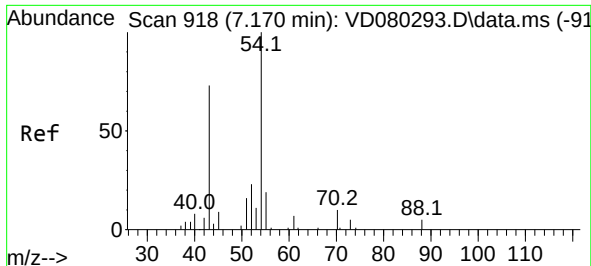
Ion Ratio Lower Upper

75 100

110 35.5 18.4 55.0

77 31.8 25.6 38.4

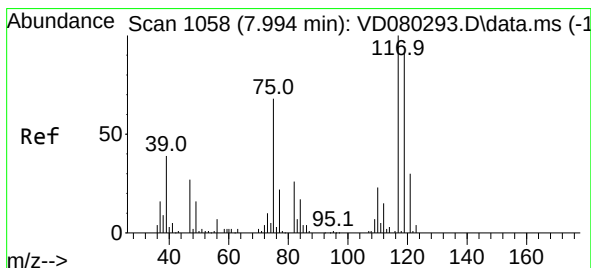
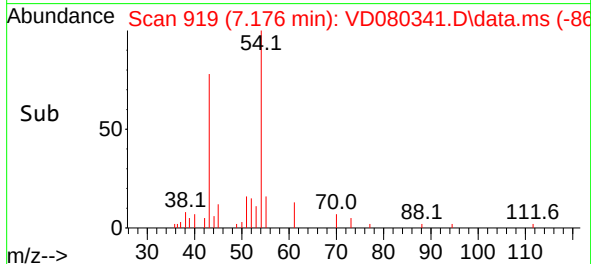
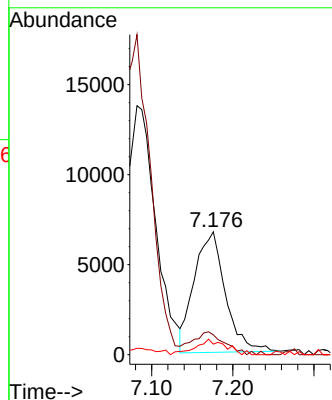
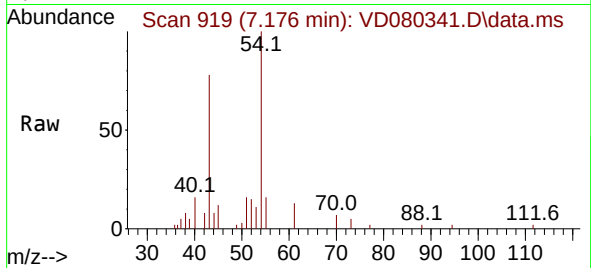




#37
Ethyl Acetate
Concen: 18.777 ug/l
RT: 7.176 min Scan# 918
Delta R.T. 0.007 min
Lab File: VD080341.D
Acq: 15 May 2025 11:48

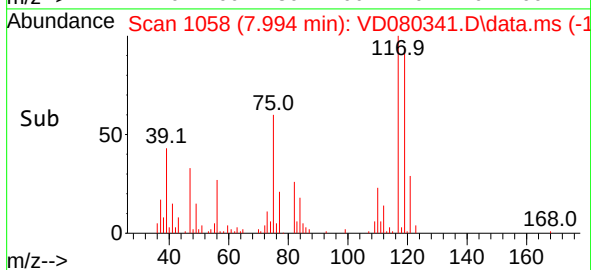
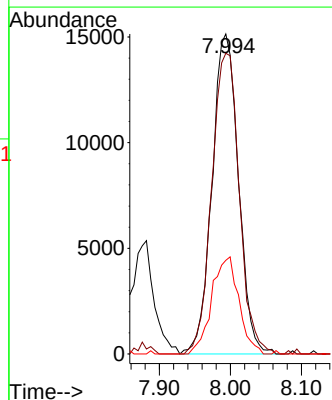
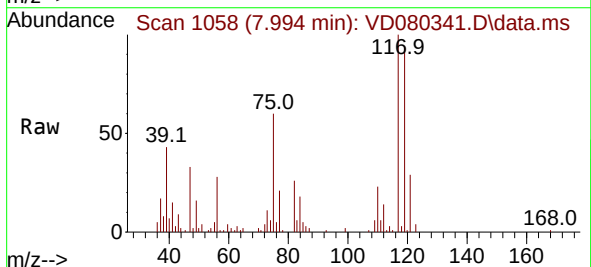
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBSD01

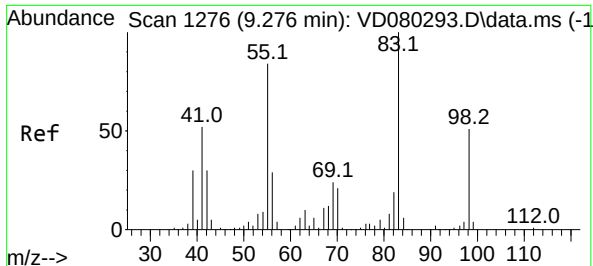
Tgt Ion: 43 Resp: 17925
Ion Ratio Lower Upper
43 100
61 19.1 11.0 16.4#
70 11.8 9.4 14.2



#38
Carbon Tetrachloride
Concen: 20.498 ug/l
RT: 7.994 min Scan# 1058
Delta R.T. 0.007 min
Lab File: VD080341.D
Acq: 15 May 2025 11:48

Tgt Ion: 117 Resp: 39026
Ion Ratio Lower Upper
117 100
119 94.0 73.4 110.0
121 29.3 24.5 36.7





#39

Methylcyclohexane

Concen: 18.842 ug/l

RT: 9.276 min Scan# 1102

Delta R.T. 0.001 min

Lab File: VD080341.D

Acq: 15 May 2025 11:48

Instrument :

MSVOA_D

ClientSampleId :

VD0515SBSD01

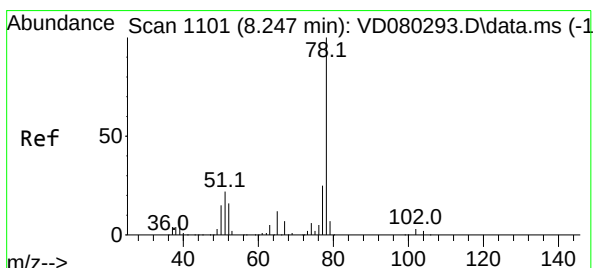
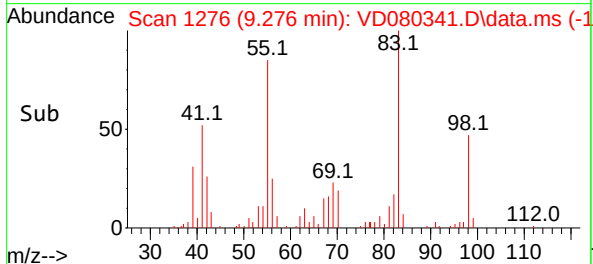
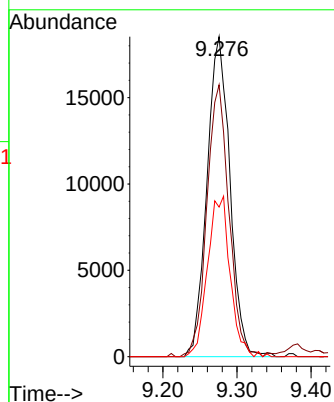
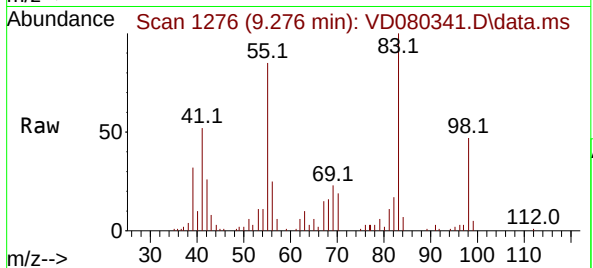
Tgt Ion: 83 Resp: 39915

Ion Ratio Lower Upper

83 100

55 84.9 62.0 93.0

98 46.7 38.7 58.1



#40

Benzene

Concen: 20.095 ug/l

RT: 8.252 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VD080341.D

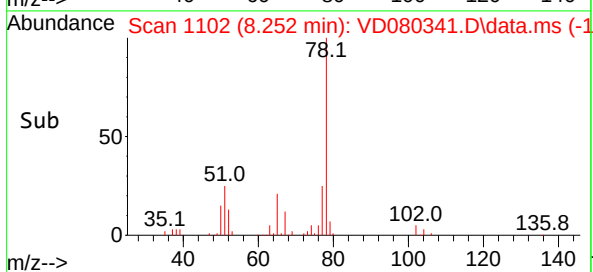
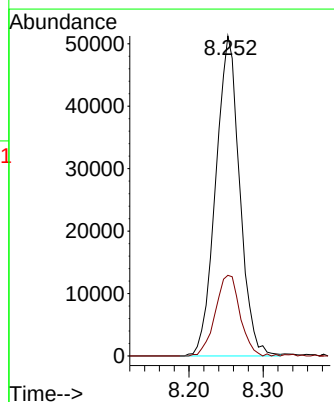
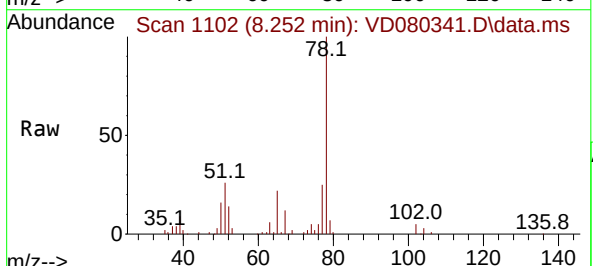
Acq: 15 May 2025 11:48

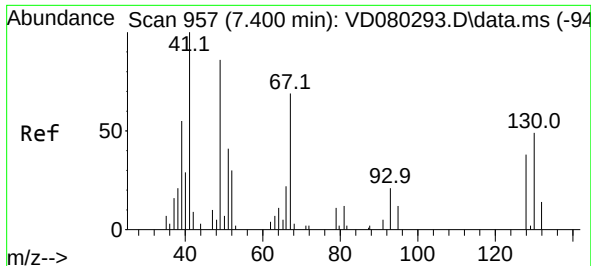
Tgt Ion: 78 Resp: 114946

Ion Ratio Lower Upper

78 100

77 25.2 20.2 30.4

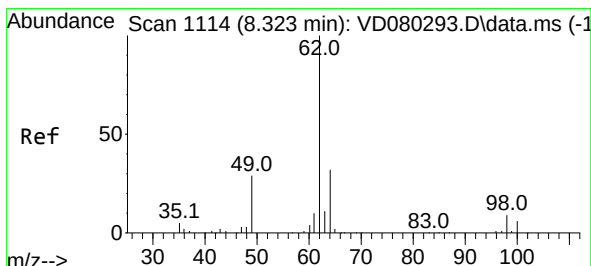
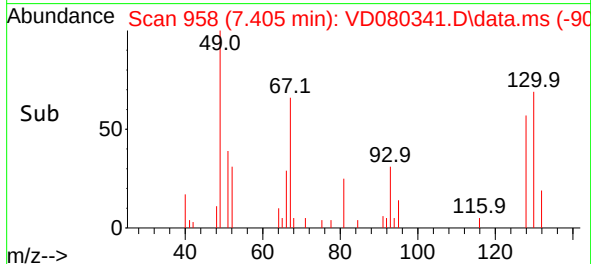
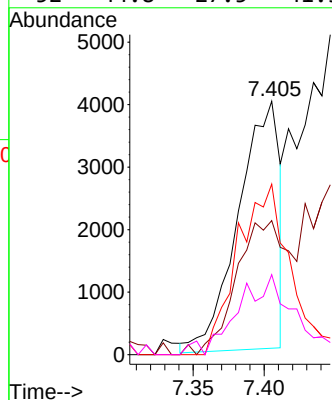
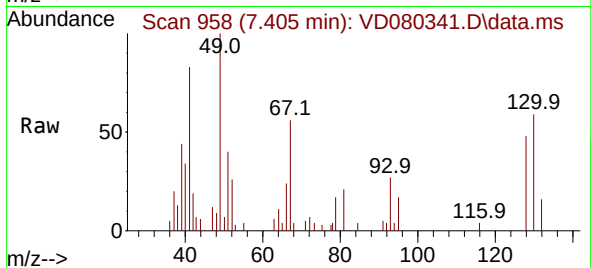




#41
Methacrylonitrile
Concen: 15.206 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD080341.D
Acq: 15 May 2025 11:48

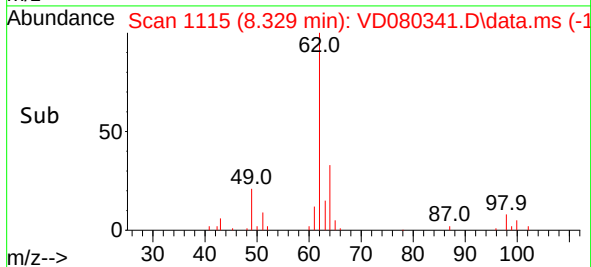
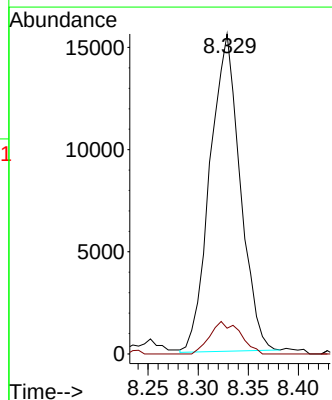
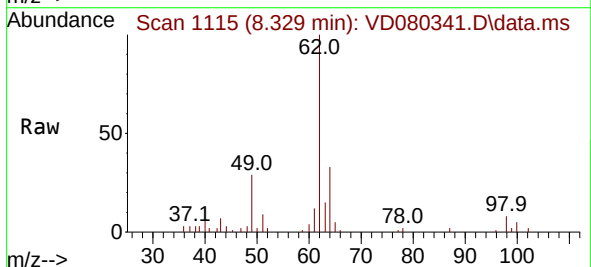
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBSD01

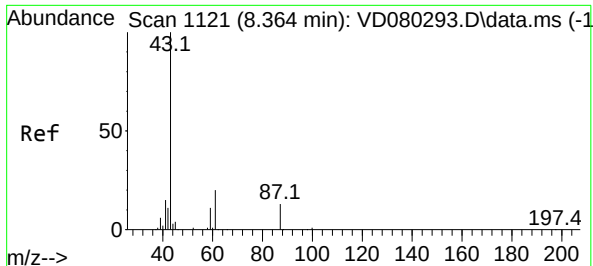
Tgt Ion: 41 Resp: 8033
Ion Ratio Lower Upper
41 100
39 71.1 47.8 71.8
67 88.5 64.9 97.3
52 44.8 27.5 41.3#



#42
1,2-Dichloroethane
Concen: 19.625 ug/l
RT: 8.329 min Scan# 1115
Delta R.T. 0.001 min
Lab File: VD080341.D
Acq: 15 May 2025 11:48

Tgt Ion: 62 Resp: 32530
Ion Ratio Lower Upper
62 100
98 10.3 0.0 19.8





#43

Isopropyl Acetate

Concen: 19.606 ug/l

RT: 8.364 min Scan# 1121

Delta R.T. 0.006 min

Lab File: VD080341.D

Acq: 15 May 2025 11:48

Instrument :

MSVOA_D

ClientSampleId :

VD0515SBSD01

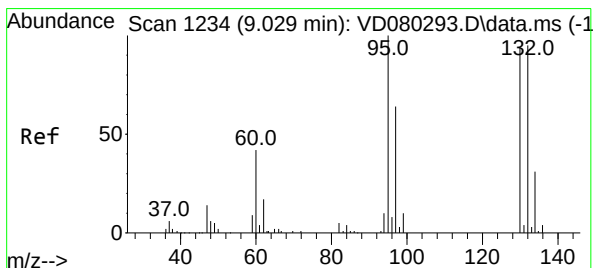
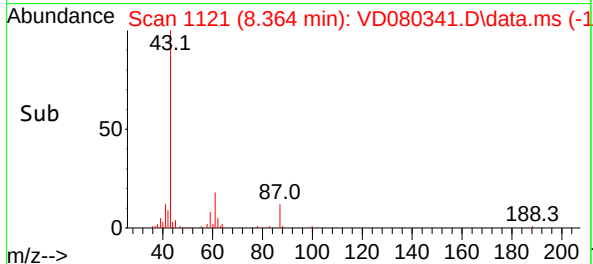
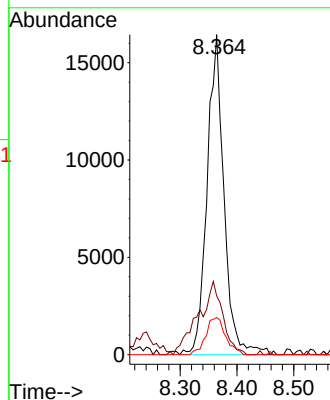
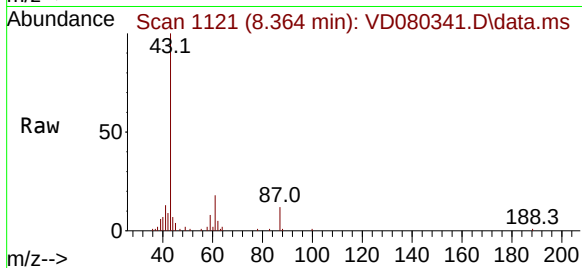
Tgt Ion: 43 Resp: 33940

Ion Ratio Lower Upper

43 100

61 33.3 26.2 39.2

87 13.6 11.8 17.8



#44

Trichloroethene

Concen: 20.556 ug/l

RT: 9.029 min Scan# 1234

Delta R.T. 0.001 min

Lab File: VD080341.D

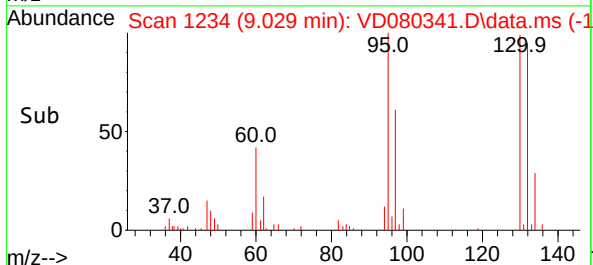
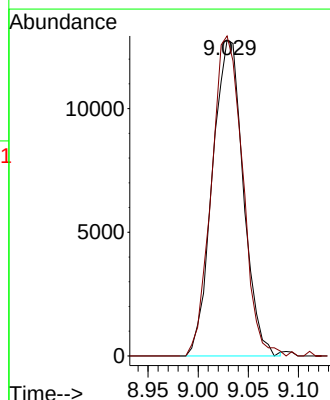
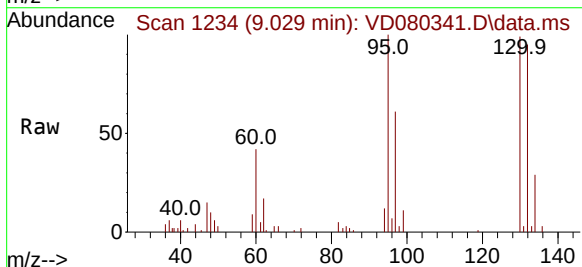
Acq: 15 May 2025 11:48

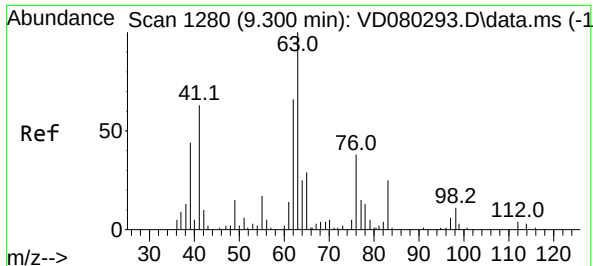
Tgt Ion:130 Resp: 27296

Ion Ratio Lower Upper

130 100

95 101.3 0.0 194.6





#45

1,2-Dichloropropane

Concen: 20.422 ug/l

RT: 9.305 min Scan# 1281

Delta R.T. 0.000 min

Lab File: VD080341.D

Acq: 15 May 2025 11:48

Instrument :

MSVOA_D

ClientSampleId :

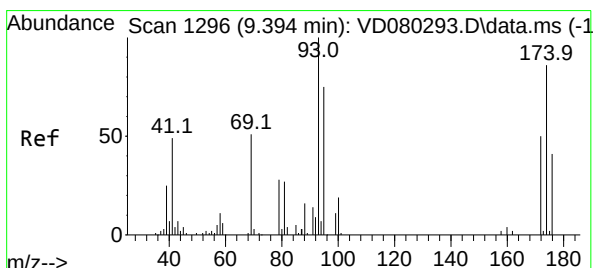
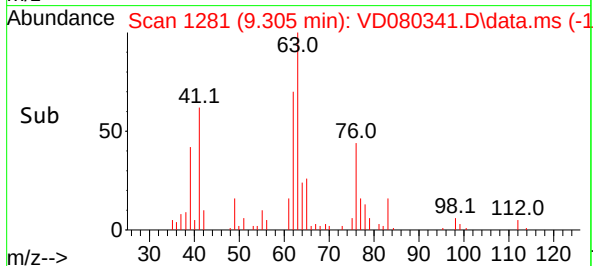
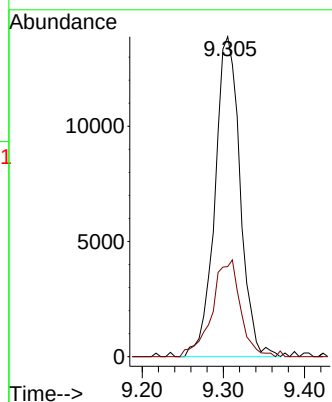
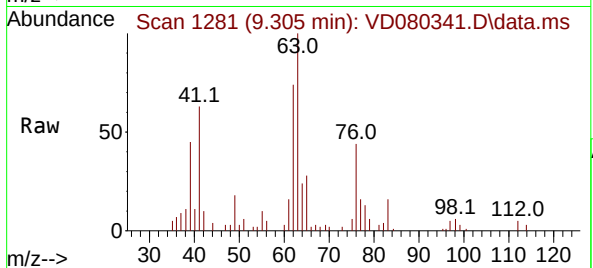
VD0515SBS01

Tgt Ion: 63 Resp: 29961

Ion Ratio Lower Upper

63 100

65 28.1 26.2 39.4



#46

Dibromomethane

Concen: 20.694 ug/l

RT: 9.393 min Scan# 1296

Delta R.T. 0.000 min

Lab File: VD080341.D

Acq: 15 May 2025 11:48

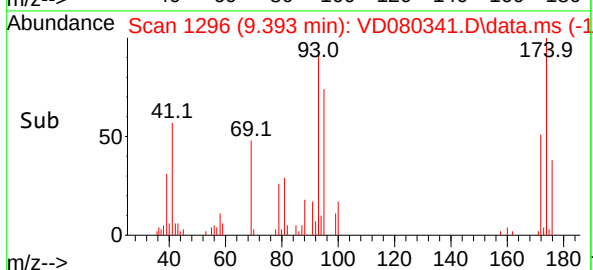
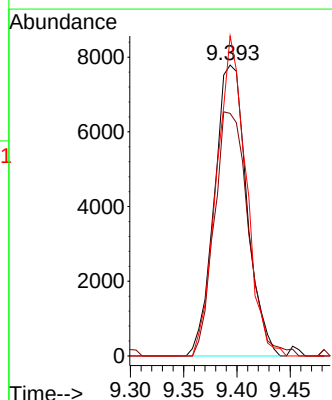
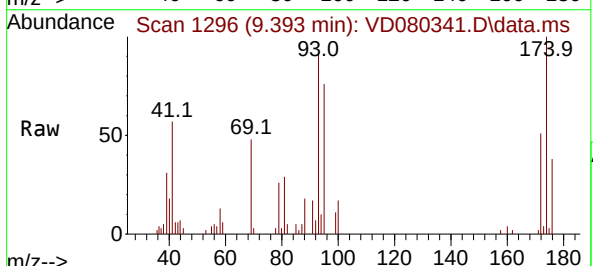
Tgt Ion: 93 Resp: 16529

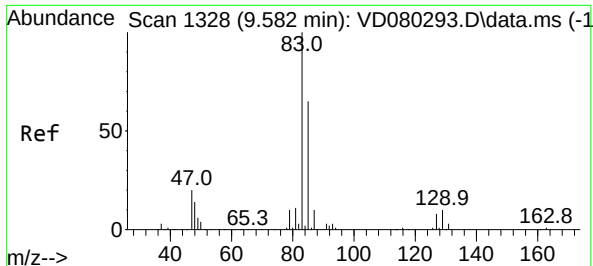
Ion Ratio Lower Upper

93 100

95 87.7 67.9 101.9

174 99.3 80.5 120.7





#47

Bromodichloromethane

Concen: 20.461 ug/l

RT: 9.582 min Scan# 11

Delta R.T. -0.005 min

Lab File: VD080341.D

Acq: 15 May 2025 11:48

Instrument :

MSVOA_D

ClientSampleId :

VD0515SBSD01

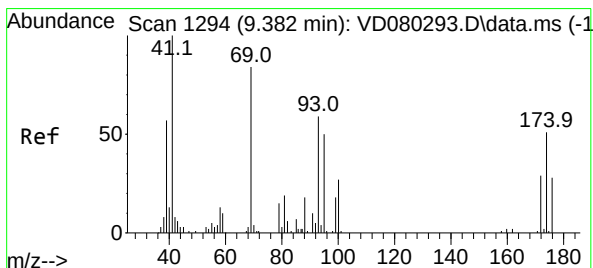
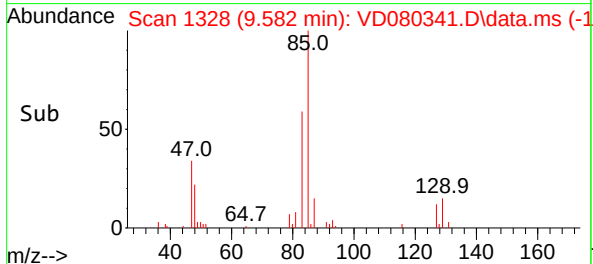
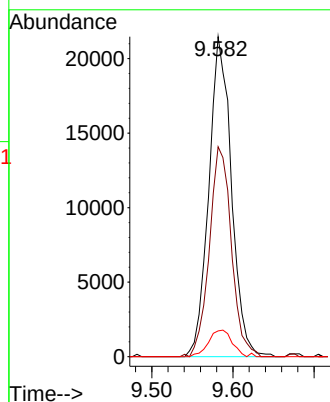
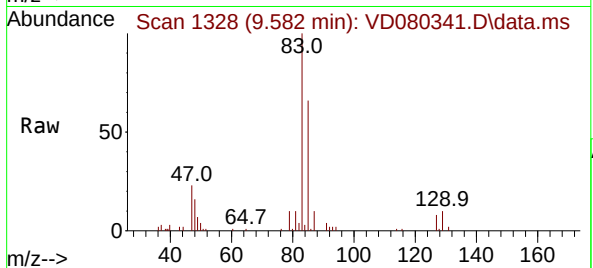
Tgt Ion: 83 Resp: 41482

Ion Ratio Lower Upper

83 100

85 65.6 50.6 75.8

127 8.1 6.1 9.1



#48

Methyl methacrylate

Concen: 18.560 ug/l

RT: 9.382 min Scan# 1294

Delta R.T. 0.001 min

Lab File: VD080341.D

Acq: 15 May 2025 11:48

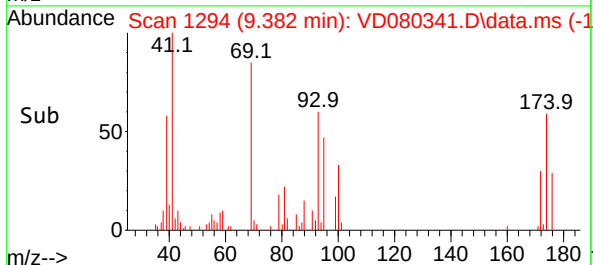
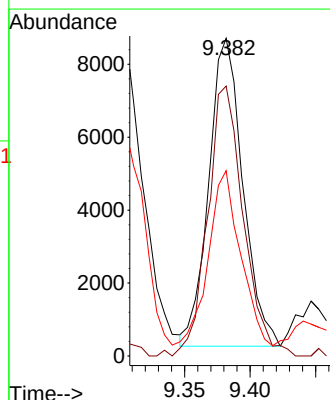
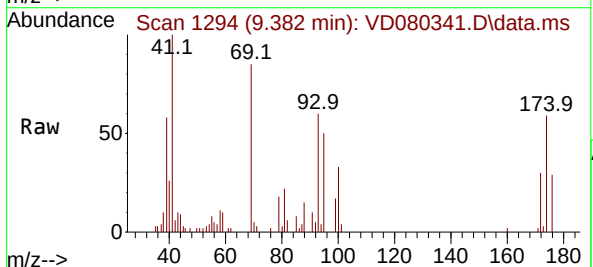
Tgt Ion: 41 Resp: 15266

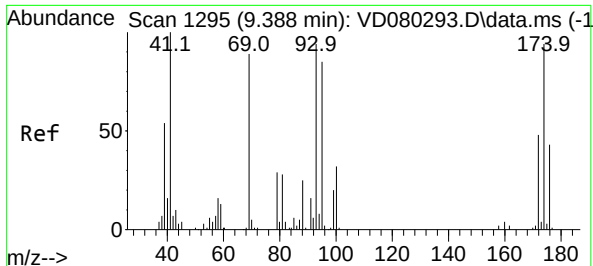
Ion Ratio Lower Upper

41 100

69 92.0 74.0 111.0

39 54.2 41.9 62.9





#49

1,4-Dioxane

Concen: 356.661 ug/l

RT: 9.388 min Scan# 1295

Delta R.T. 0.001 min

Lab File: VD080341.D

Acq: 15 May 2025 11:48

Instrument :

MSVOA_D

ClientSampleId :

VD0515SBSD01

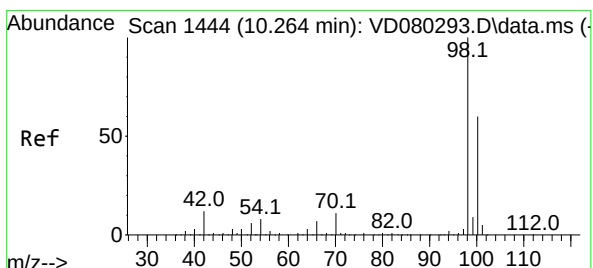
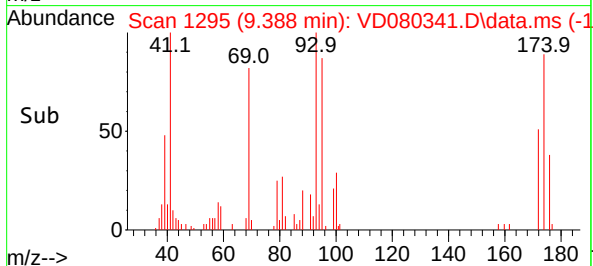
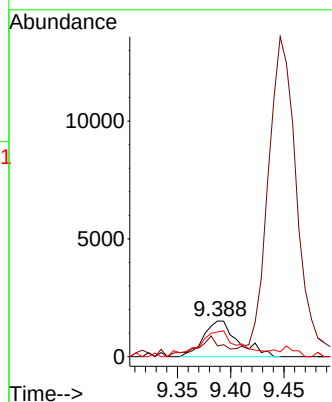
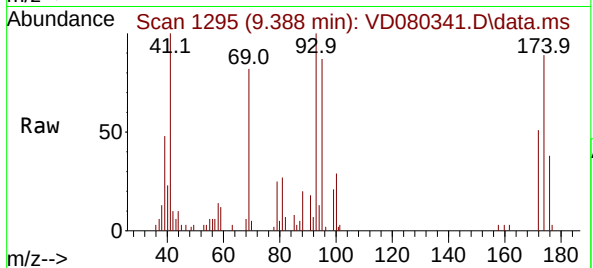
Tgt Ion: 88 Resp: 3387

Ion Ratio Lower Upper

88 100

43 41.5 29.1 43.7

58 83.9 59.9 89.9



#50

Toluene-d8

Concen: 50.615 ug/l

RT: 10.270 min Scan# 1445

Delta R.T. 0.001 min

Lab File: VD080341.D

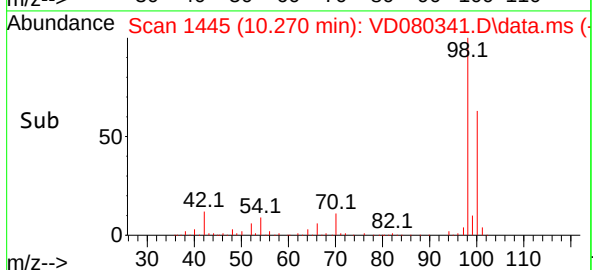
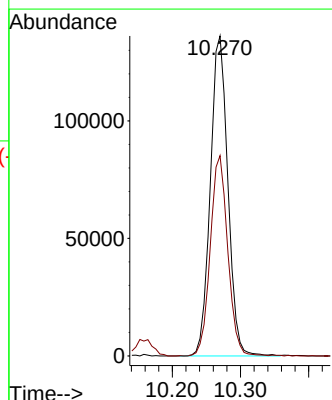
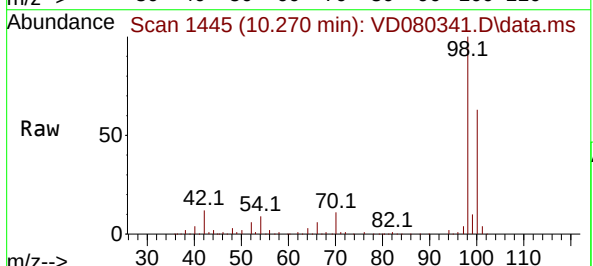
Acq: 15 May 2025 11:48

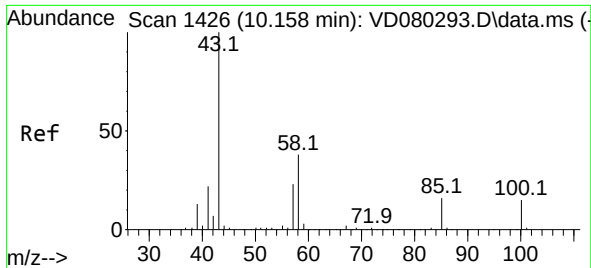
Tgt Ion: 98 Resp: 243611

Ion Ratio Lower Upper

98 100

100 62.4 50.2 75.4

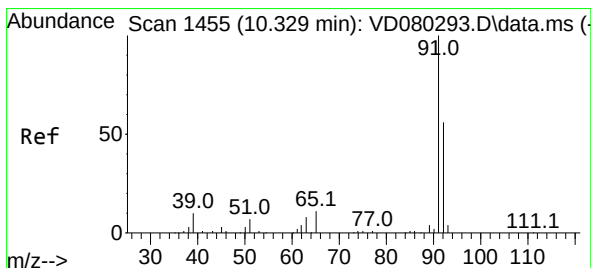
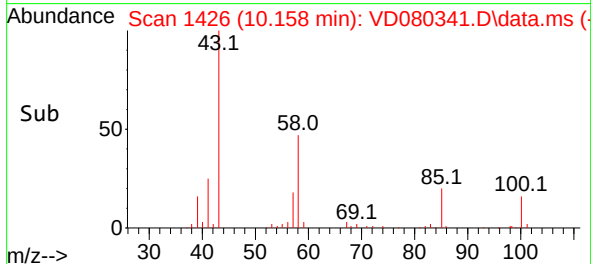
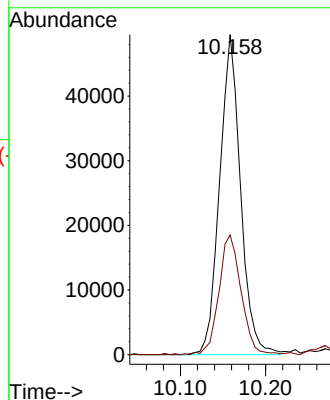
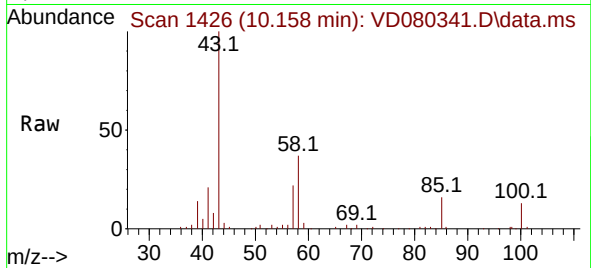




#51
4-Methyl-2-Pentanone
Concen: 94.783 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. 0.001 min
Lab File: VD080341.D
Acq: 15 May 2025 11:48

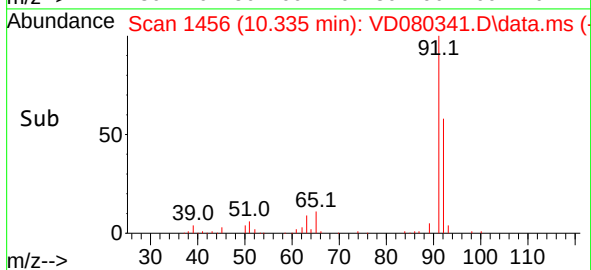
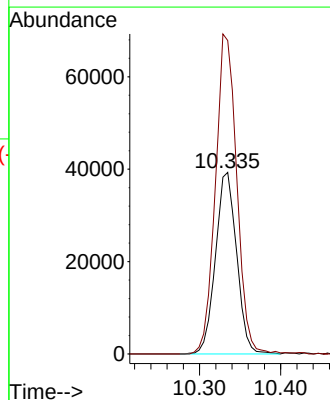
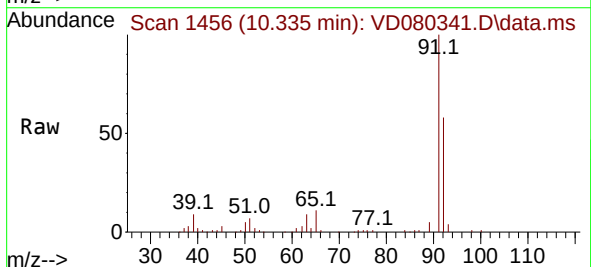
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBSD01

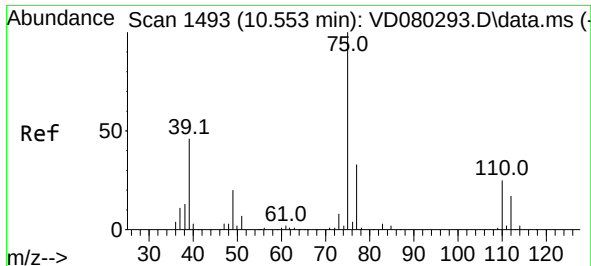
Tgt Ion: 43 Resp: 84541
Ion Ratio Lower Upper
43 100
58 39.6 32.8 49.2



#52
Toluene
Concen: 20.644 ug/l
RT: 10.335 min Scan# 1456
Delta R.T. 0.001 min
Lab File: VD080341.D
Acq: 15 May 2025 11:48

Tgt Ion: 92 Resp: 71143
Ion Ratio Lower Upper
92 100
91 178.2 139.3 208.9

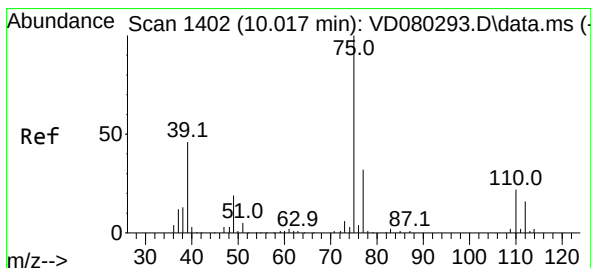
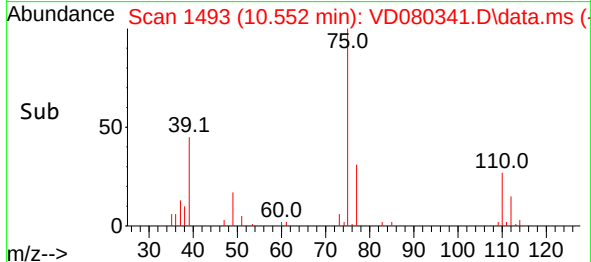
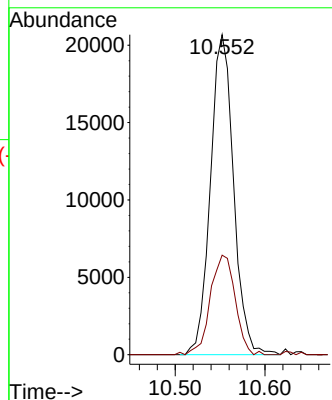
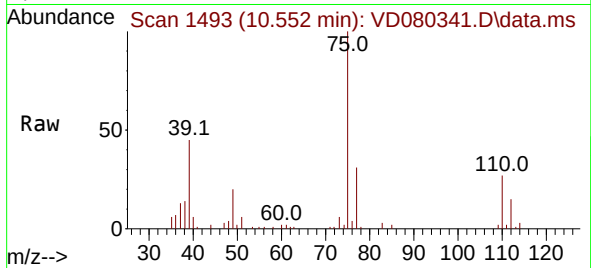




#53
 t-1,3-Dichloropropene
 Concen: 20.068 ug/l
 RT: 10.552 min Scan# 1493
 Delta R.T. 0.000 min
 Lab File: VD080341.D
 Acq: 15 May 2025 11:48

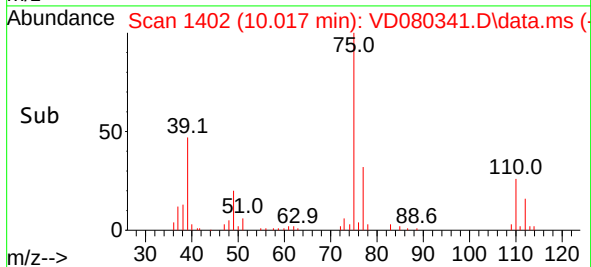
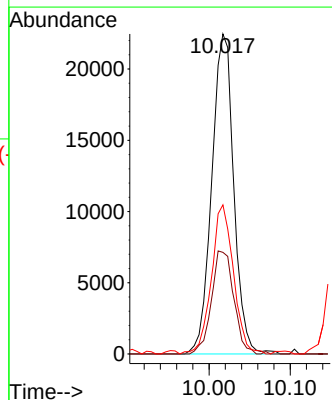
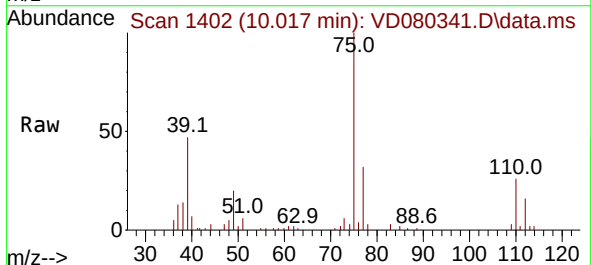
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0515SBSD01

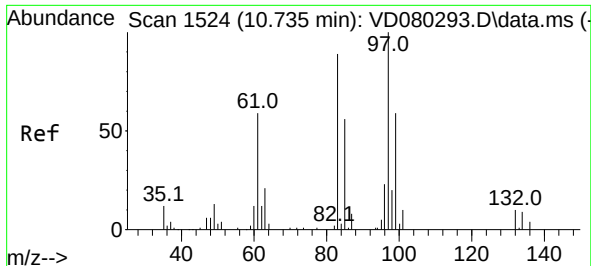
Tgt Ion: 75 Resp: 37091
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 19.762 ug/l
 RT: 10.017 min Scan# 1402
 Delta R.T. 0.001 min
 Lab File: VD080341.D
 Acq: 15 May 2025 11:48

Tgt Ion: 75 Resp: 42326
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.0 37.4
 39 46.6 33.2 49.8

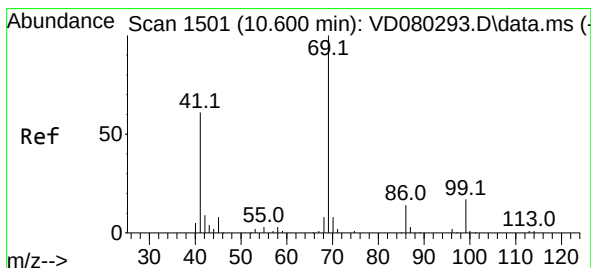
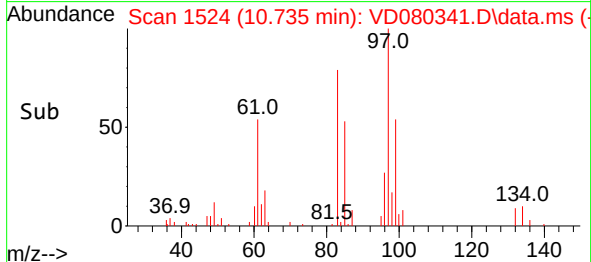
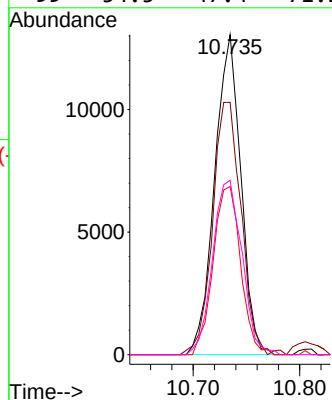
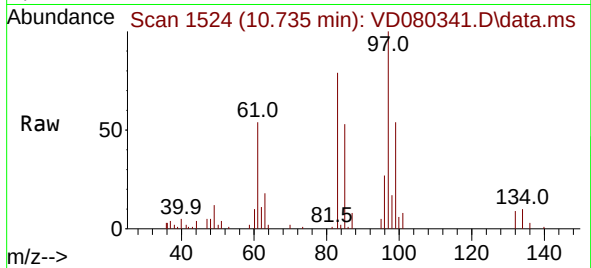




#55
1,1,2-Trichloroethane
Concen: 21.090 ug/l
RT: 10.735 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD080341.D
Acq: 15 May 2025 11:48

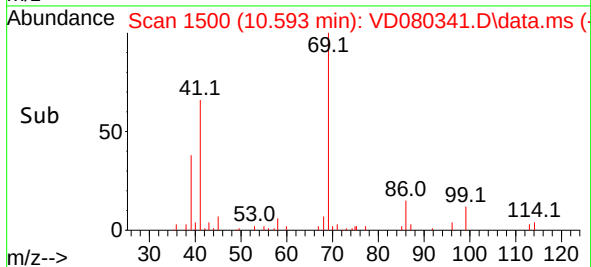
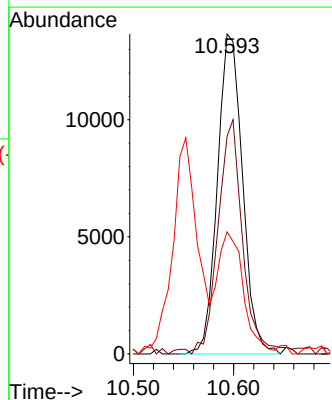
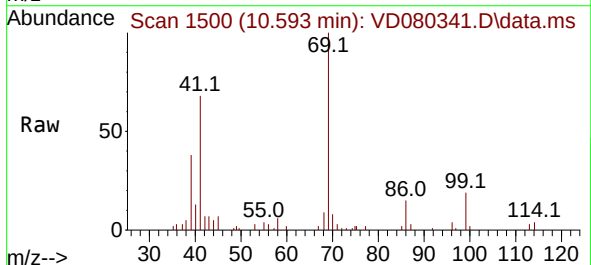
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBSD01

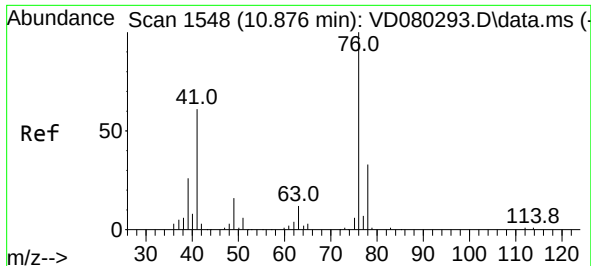
Tgt Ion:	97	Resp:	22283
Ion	Ratio	Lower	Upper
97	100		
83	78.9	69.2	103.8
85	52.5	43.0	64.6
99	54.5	47.4	71.2



#56
Ethyl methacrylate
Concen: 18.548 ug/l
RT: 10.593 min Scan# 1500
Delta R.T. -0.006 min
Lab File: VD080341.D
Acq: 15 May 2025 11:48

Tgt Ion:	69	Resp:	23746
Ion	Ratio	Lower	Upper
69	100		
41	72.7	50.4	75.6
39	39.4	26.0	39.0#





#57

1,3-Dichloropropane

Concen: 20.437 ug/l

RT: 10.876 min Scan# 11

Delta R.T. -0.005 min

Lab File: VD080341.D

Acq: 15 May 2025 11:48

Instrument :

MSVOA_D

ClientSampleId :

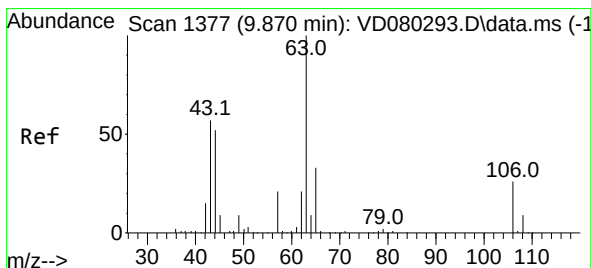
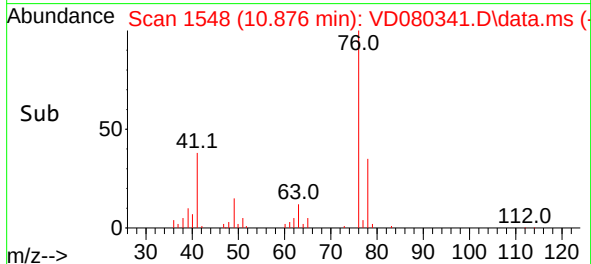
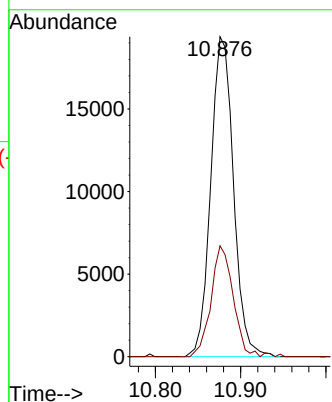
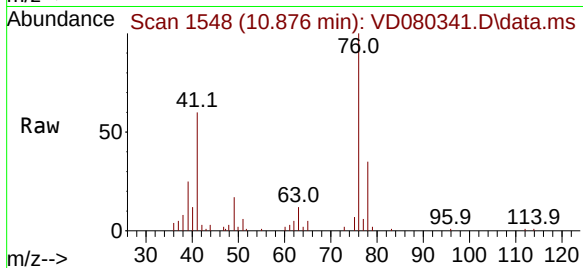
VD0515SBSD01

Tgt Ion: 76 Resp: 35887

Ion Ratio Lower Upper

76 100

78 33.5 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 97.201 ug/l

RT: 9.870 min Scan# 1377

Delta R.T. 0.001 min

Lab File: VD080341.D

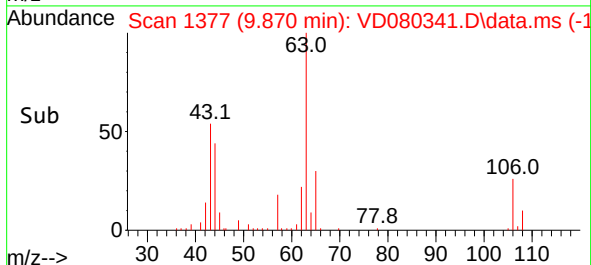
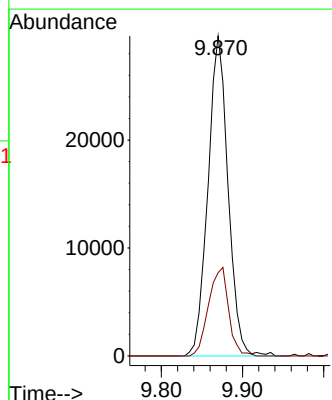
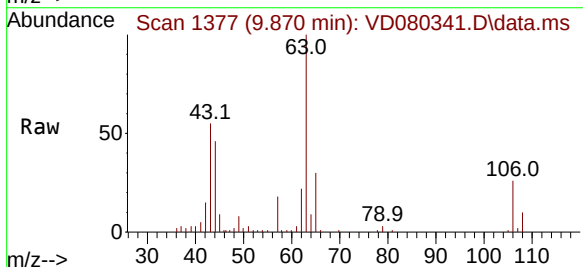
Acq: 15 May 2025 11:48

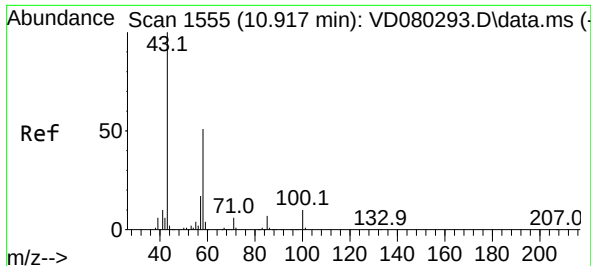
Tgt Ion: 63 Resp: 50928

Ion Ratio Lower Upper

63 100

106 27.5 21.8 32.6

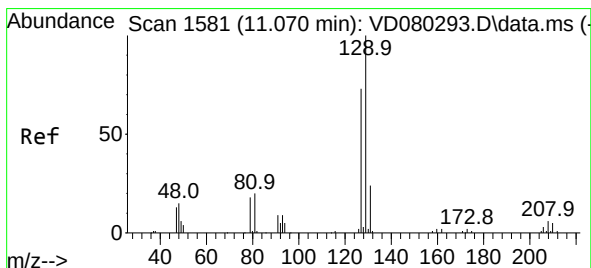
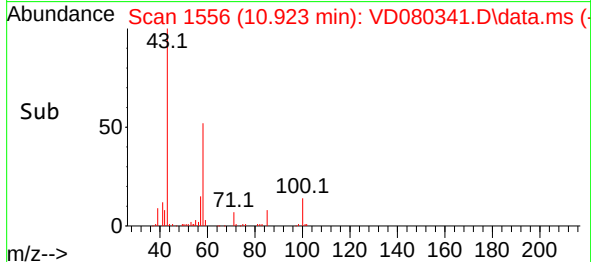
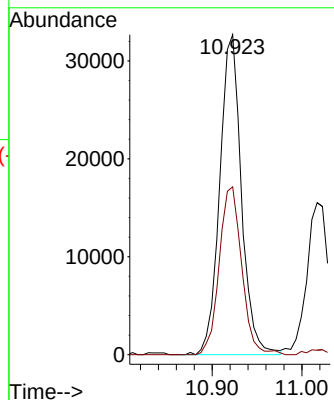
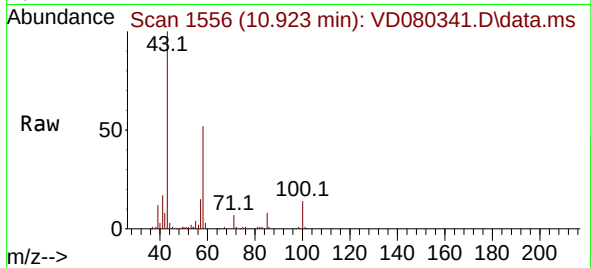




#59
2-Hexanone
Concen: 89.279 ug/l
RT: 10.923 min Scan# 1556
Delta R.T. 0.007 min
Lab File: VD080341.D
Acq: 15 May 2025 11:48

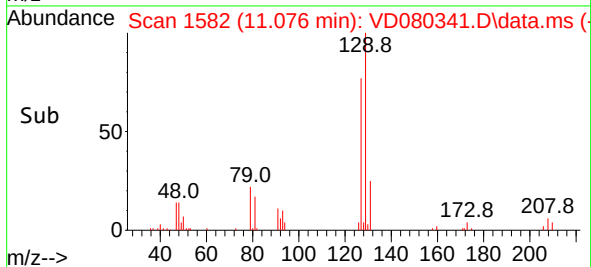
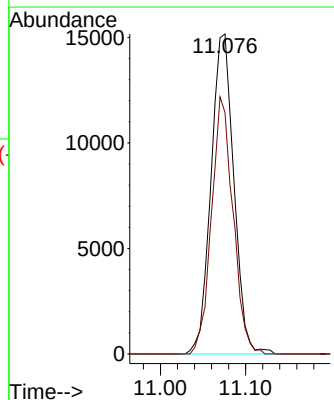
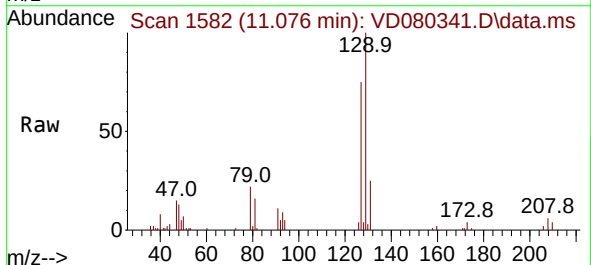
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBSD01

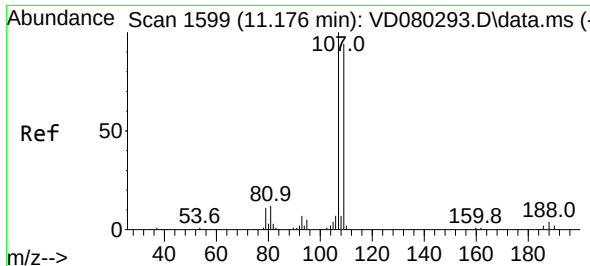
Tgt Ion: 43 Resp: 54779
Ion Ratio Lower Upper
43 100
58 54.4 27.8 83.4



#60
Dibromochloromethane
Concen: 21.367 ug/l
RT: 11.076 min Scan# 1582
Delta R.T. 0.001 min
Lab File: VD080341.D
Acq: 15 May 2025 11:48

Tgt Ion: 129 Resp: 28291
Ion Ratio Lower Upper
129 100
127 75.7 38.4 115.2

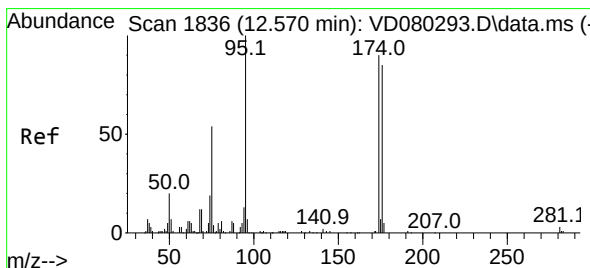
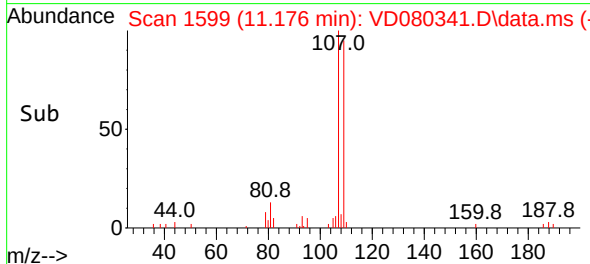
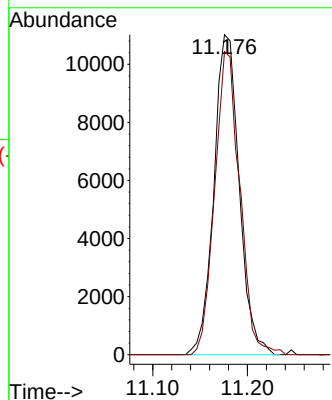
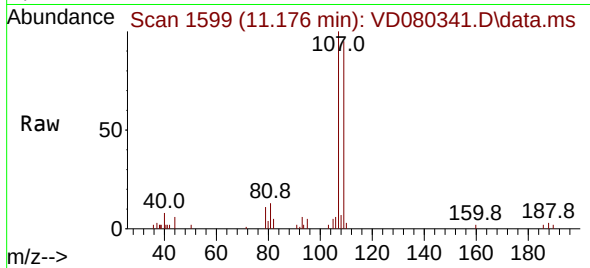




#61
1,2-Dibromoethane
Concen: 20.885 ug/l
RT: 11.176 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD080341.D
Acq: 15 May 2025 11:48

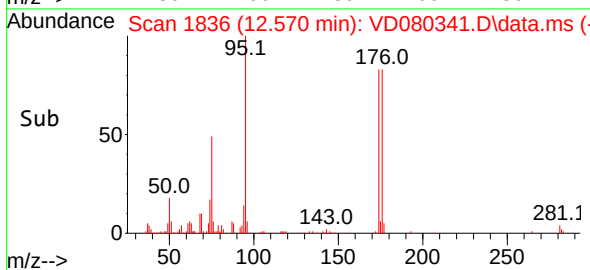
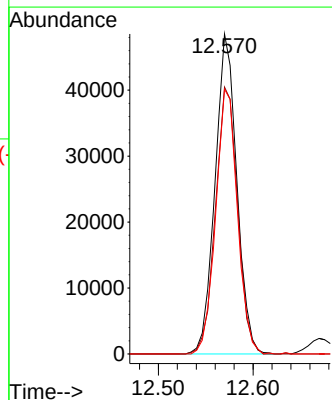
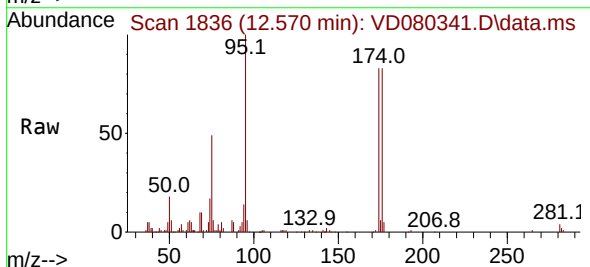
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBSD01

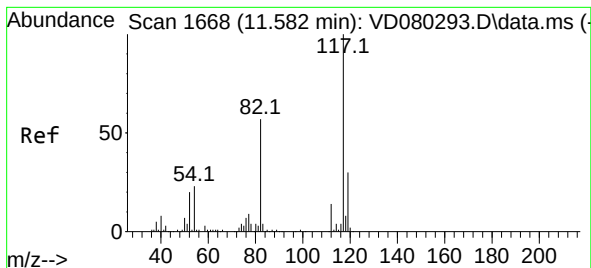
Tgt Ion:107 Resp: 20461
Ion Ratio Lower Upper
107 100
109 93.9 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 50.105 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.001 min
Lab File: VD080341.D
Acq: 15 May 2025 11:48

Tgt Ion: 95 Resp: 77403
Ion Ratio Lower Upper
95 100
174 85.1 0.0 173.4
176 82.5 0.0 166.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.582 min Scan# 1

Delta R.T. 0.001 min

Lab File: VD080341.D

Acq: 15 May 2025 11:48

Instrument :

MSVOA_D

ClientSampleId :

VD0515SBS01

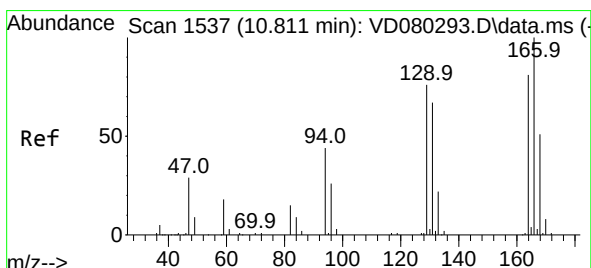
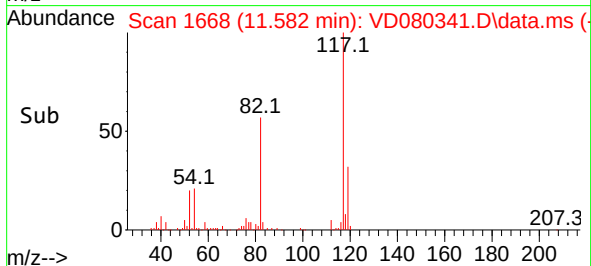
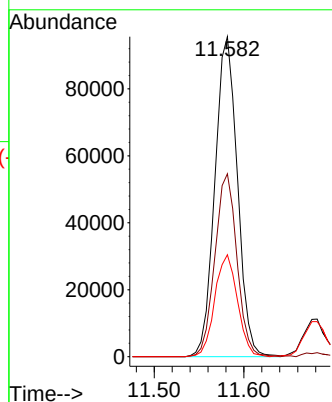
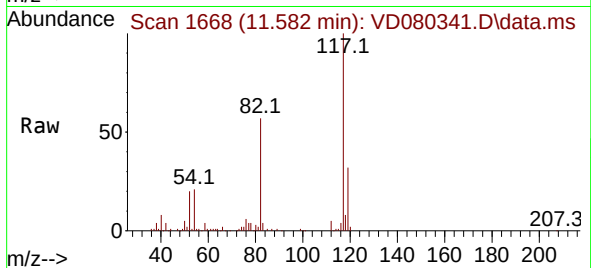
Tgt Ion:117 Resp: 166653

Ion Ratio Lower Upper

117 100

82 57.2 45.8 68.6

119 31.8 26.2 39.2



#64

Tetrachloroethene

Concen: 20.111 ug/l

RT: 10.805 min Scan# 1536

Delta R.T. -0.005 min

Lab File: VD080341.D

Acq: 15 May 2025 11:48

Tgt Ion:164 Resp: 22696

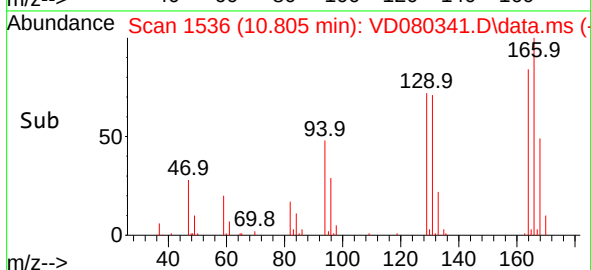
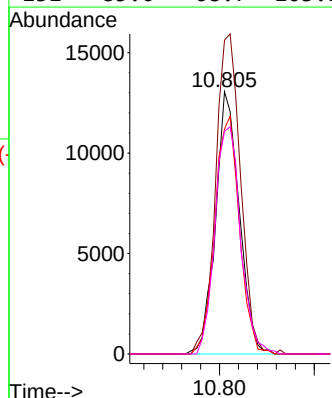
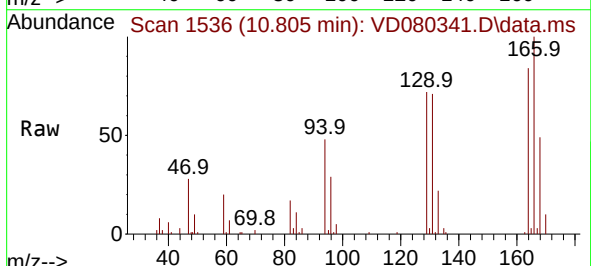
Ion Ratio Lower Upper

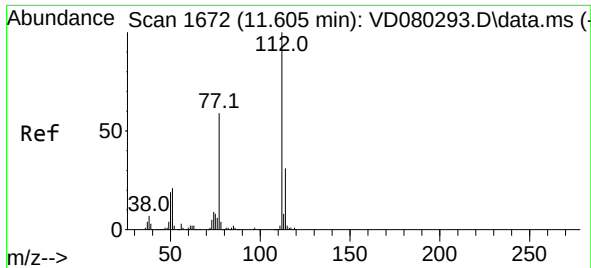
164 100

166 119.7 97.5 146.3

129 85.8 70.6 106.0

131 85.0 68.7 103.1

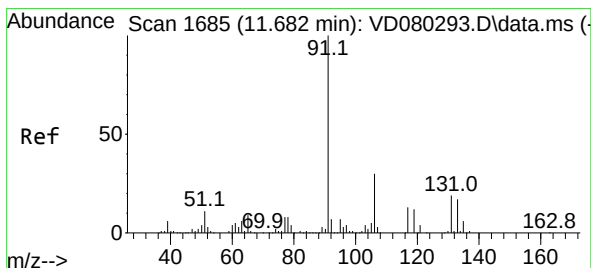
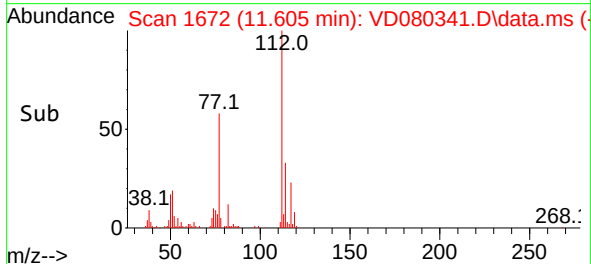
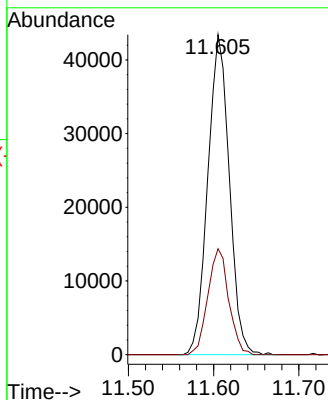
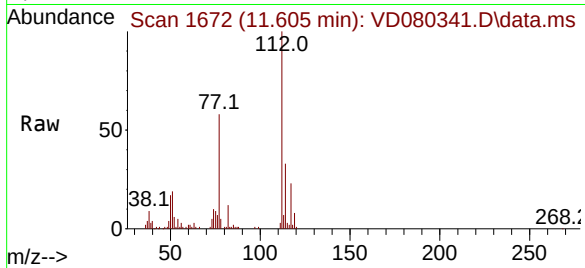




#65
Chlorobenzene
Concen: 20.256 ug/l
RT: 11.605 min Scan# 1672
Delta R.T. 0.001 min
Lab File: VD080341.D
Acq: 15 May 2025 11:48

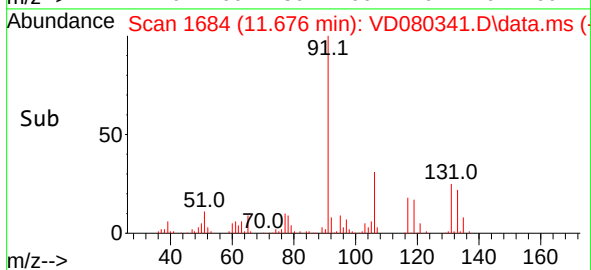
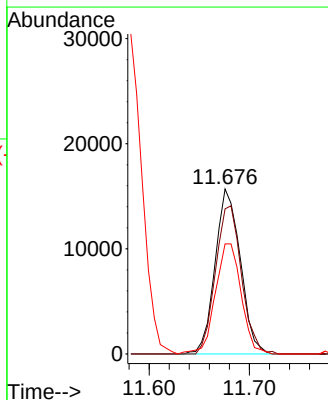
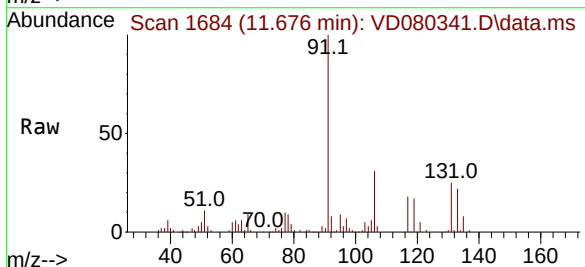
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBSD01

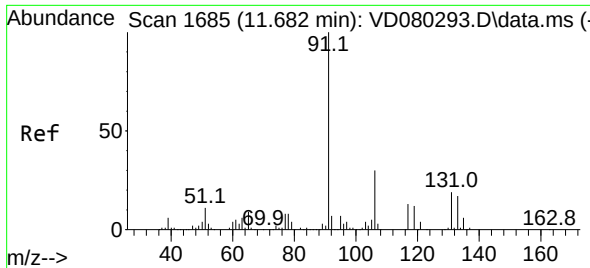
Tgt Ion:112 Resp: 76223
Ion Ratio Lower Upper
112 100
114 33.1 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 21.250 ug/l
RT: 11.676 min Scan# 1684
Delta R.T. -0.005 min
Lab File: VD080341.D
Acq: 15 May 2025 11:48

Tgt Ion:131 Resp: 27472
Ion Ratio Lower Upper
131 100
133 91.9 48.8 146.4
119 68.1 34.8 104.3

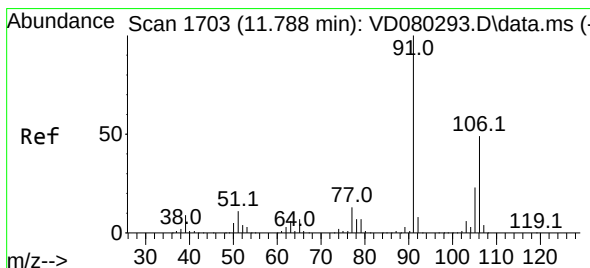
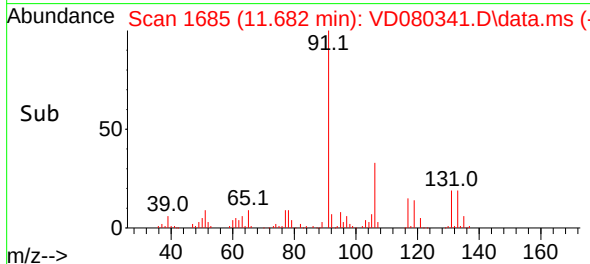
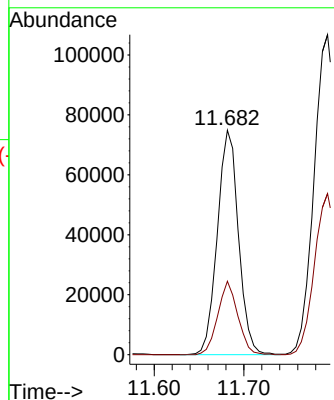
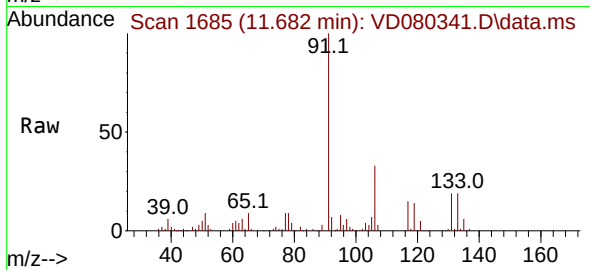




#67
Ethyl Benzene
Concen: 19.474 ug/l
RT: 11.682 min Scan# 1104
Delta R.T. 0.001 min
Lab File: VD080341.D
Acq: 15 May 2025 11:48

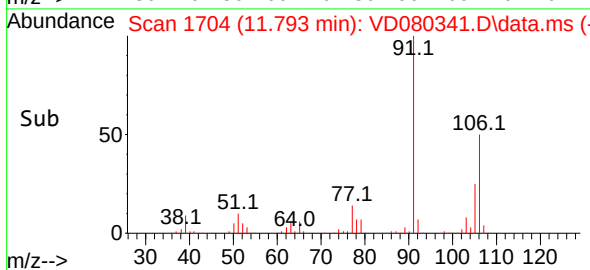
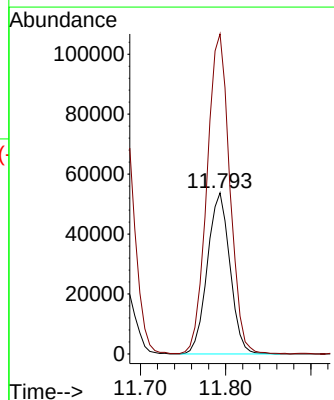
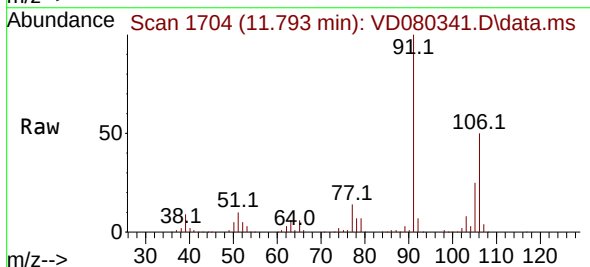
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBSD01

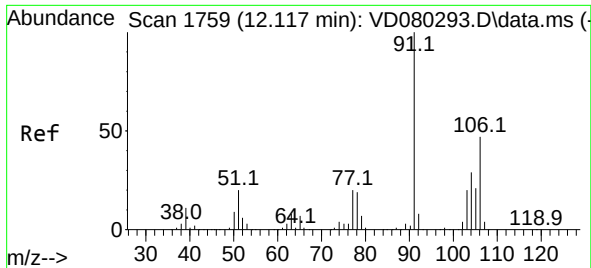
Tgt Ion: 91 Resp: 122459
Ion Ratio Lower Upper
91 100
106 32.7 23.6 35.4



#68
m/p-Xylenes
Concen: 40.465 ug/l
RT: 11.793 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD080341.D
Acq: 15 May 2025 11:48

Tgt Ion: 106 Resp: 98802
Ion Ratio Lower Upper
106 100
91 201.2 162.6 244.0

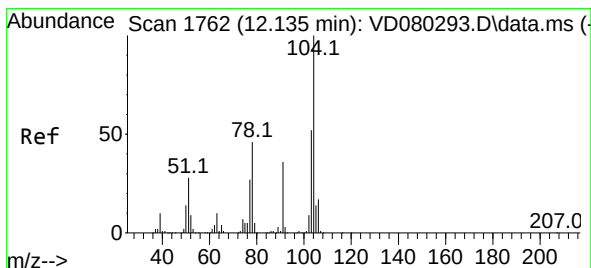
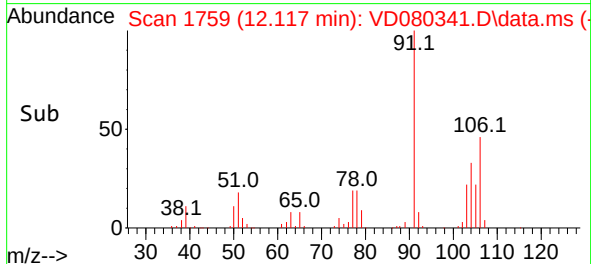
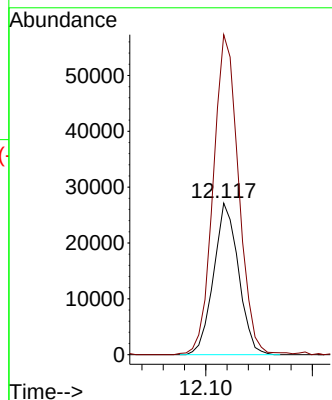
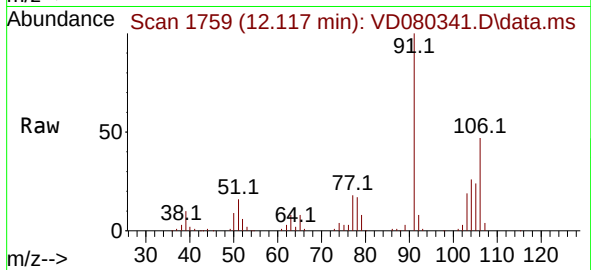




#69
o-Xylene
Concen: 19.681 ug/l
RT: 12.117 min Scan# 1759
Delta R.T. 0.001 min
Lab File: VD080341.D
Acq: 15 May 2025 11:48

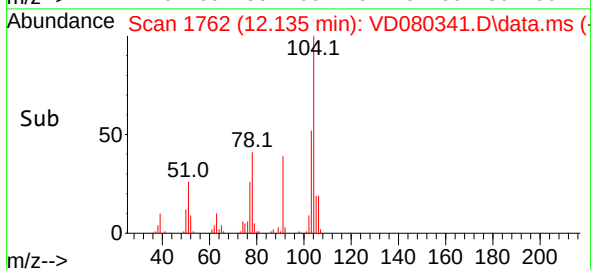
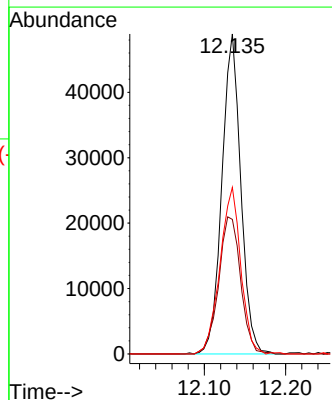
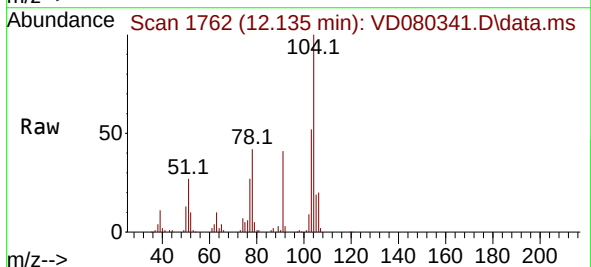
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBSD01

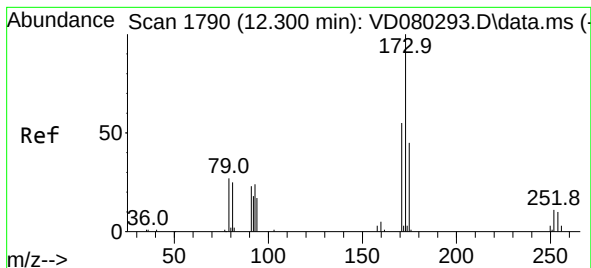
Tgt Ion:106 Resp: 43911
Ion Ratio Lower Upper
106 100
91 215.7 110.5 331.5



#70
Styrene
Concen: 19.805 ug/l
RT: 12.135 min Scan# 1762
Delta R.T. 0.001 min
Lab File: VD080341.D
Acq: 15 May 2025 11:48

Tgt Ion:104 Resp: 79347
Ion Ratio Lower Upper
104 100
78 49.9 39.8 59.8
103 57.2 45.2 67.8





#71

Bromoform

Concen: 20.965 ug/l

RT: 12.299 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD080341.D

Acq: 15 May 2025 11:48

Instrument :

MSVOA_D

ClientSampleId :

VD0515SBSD01

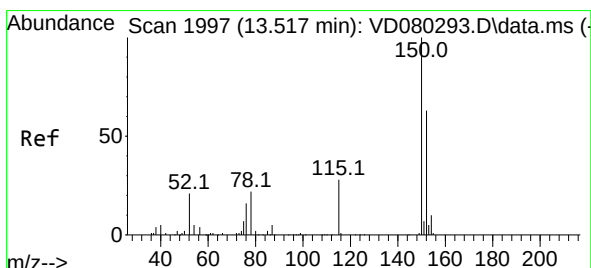
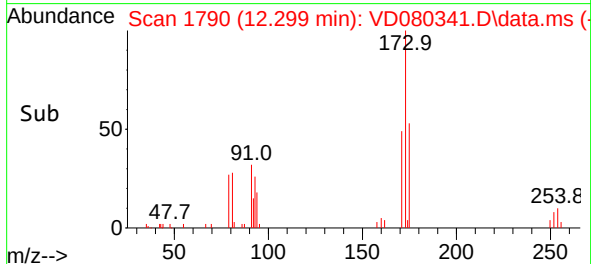
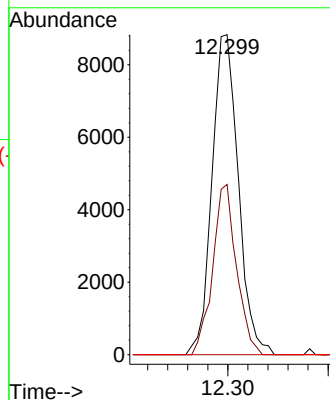
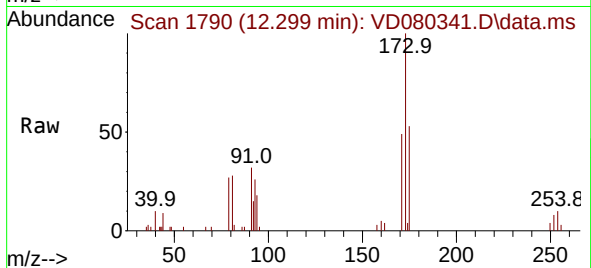
Tgt Ion:173 Resp: 16103

Ion Ratio Lower Upper

173 100

175 48.1 24.8 74.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.517 min Scan# 1997

Delta R.T. 0.001 min

Lab File: VD080341.D

Acq: 15 May 2025 11:48

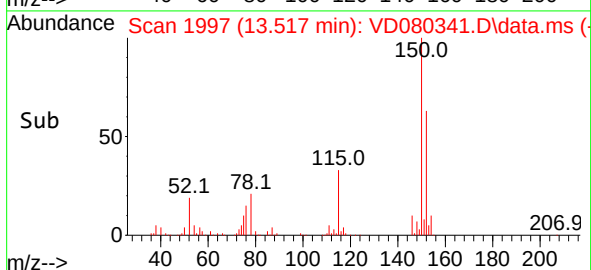
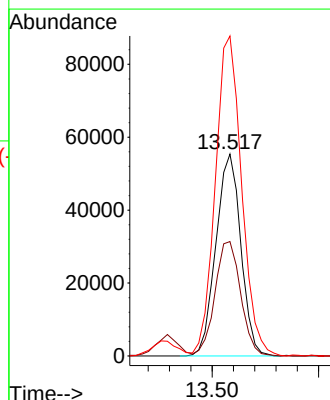
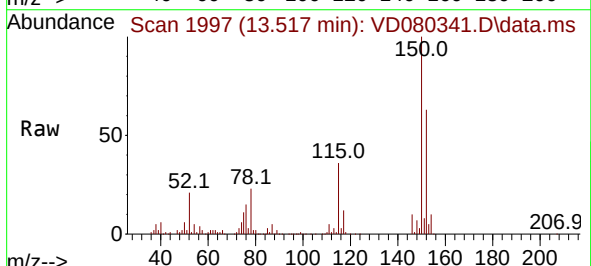
Tgt Ion:152 Resp: 89680

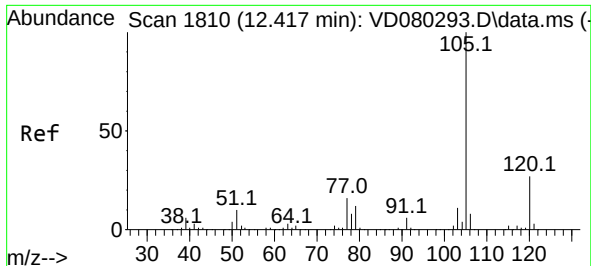
Ion Ratio Lower Upper

152 100

115 58.6 28.9 86.8

150 167.7 0.0 354.8

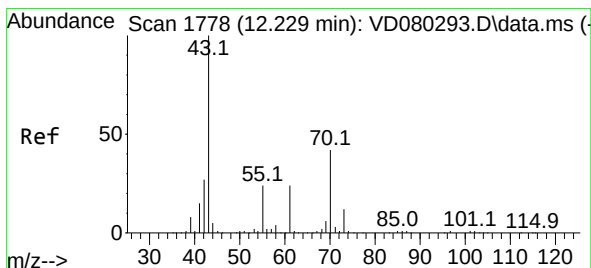
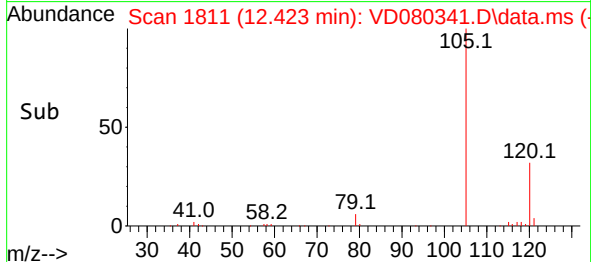
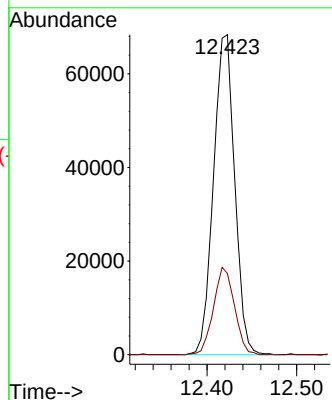
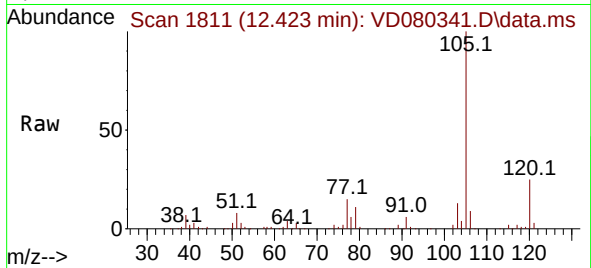




#73
Isopropylbenzene
Concen: 19.258 ug/l
RT: 12.423 min Scan# 1811
Delta R.T. 0.001 min
Lab File: VD080341.D
Acq: 15 May 2025 11:48

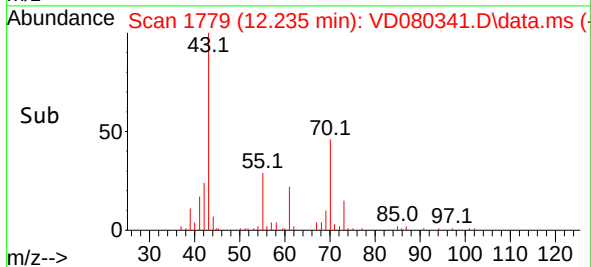
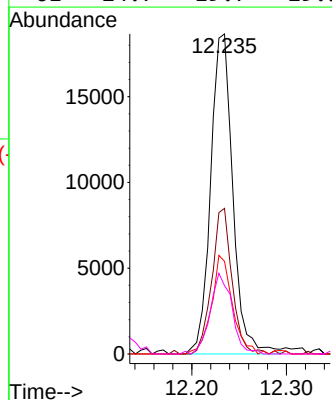
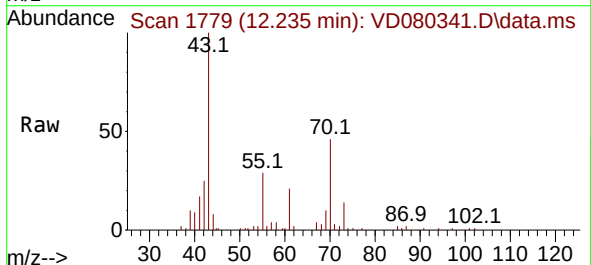
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBSD01

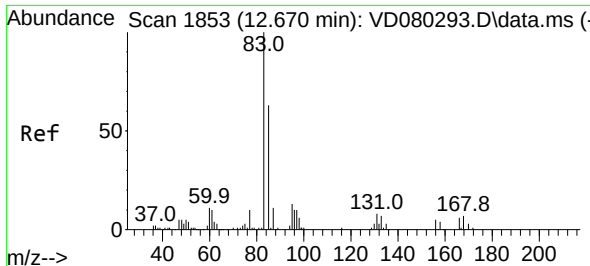
Tgt Ion:105 Resp: 112034
Ion Ratio Lower Upper
105 100
120 27.0 13.3 39.9



#74
N-ethyl acetate
Concen: 18.185 ug/l
RT: 12.235 min Scan# 1779
Delta R.T. 0.001 min
Lab File: VD080341.D
Acq: 15 May 2025 11:48

Tgt Ion: 43 Resp: 30362
Ion Ratio Lower Upper
43 100
70 41.4 36.3 54.5
55 29.3 20.3 30.5
61 24.7 19.7 29.5

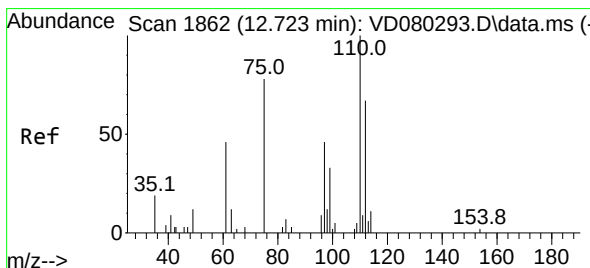
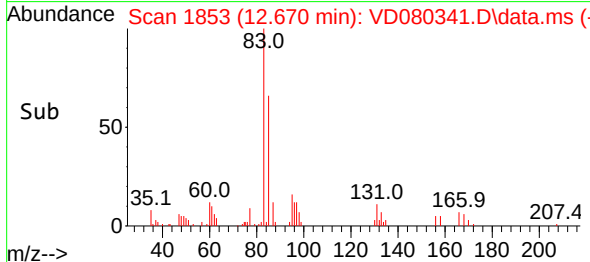
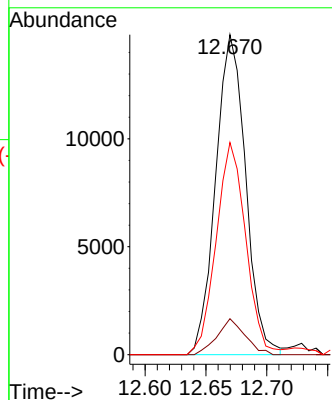
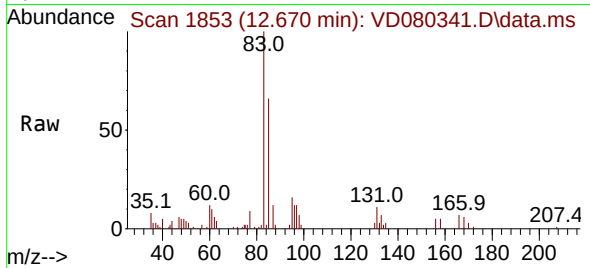




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.860 ug/l
 RT: 12.670 min Scan# 1853
 Delta R.T. 0.001 min
 Lab File: VD080341.D
 Acq: 15 May 2025 11:48

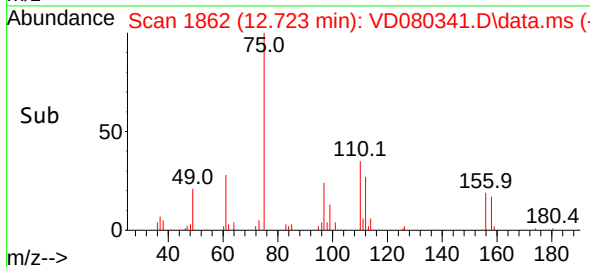
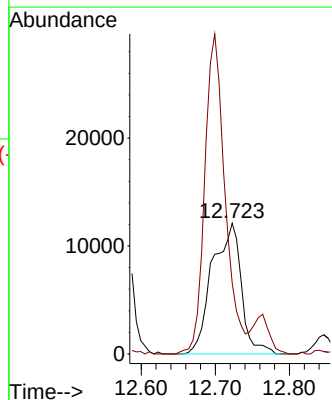
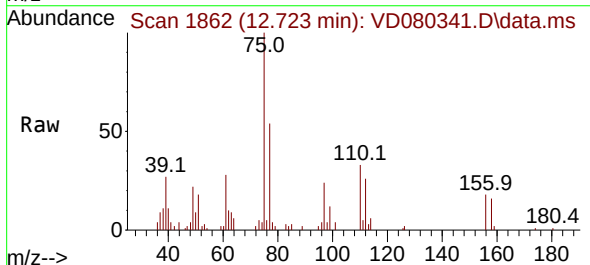
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0515SBSD01

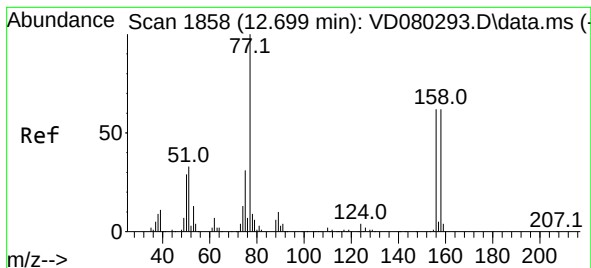
Tgt Ion: 83 Resp: 25406
 Ion Ratio Lower Upper
 83 100
 131 10.4 5.1 15.3
 85 65.4 32.9 98.6



#76
 1,2,3-Trichloropropane
 Concen: 38.166 ug/l
 RT: 12.723 min Scan# 1862
 Delta R.T. 0.001 min
 Lab File: VD080341.D
 Acq: 15 May 2025 11:48

Tgt Ion: 75 Resp: 33034
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.120 ug/l

RT: 12.699 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VD080341.D

Acq: 15 May 2025 11:48

Instrument :

MSVOA_D

ClientSampleId :

VD0515SBSD01

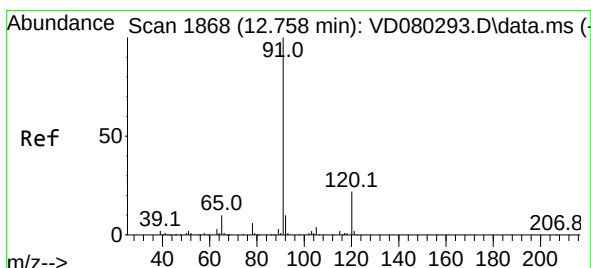
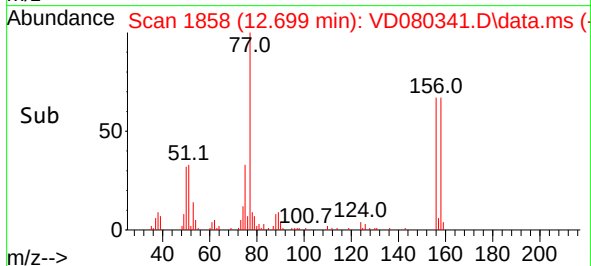
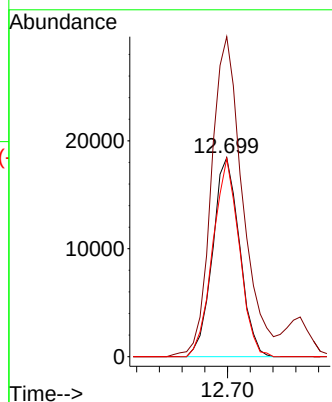
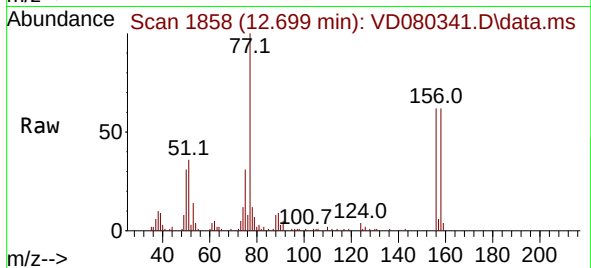
Tgt Ion:156 Resp: 30360

Ion Ratio Lower Upper

156 100

77 185.9 89.8 269.6

158 97.8 47.9 143.8



#78

n-propylbenzene

Concen: 19.764 ug/l

RT: 12.764 min Scan# 1869

Delta R.T. 0.001 min

Lab File: VD080341.D

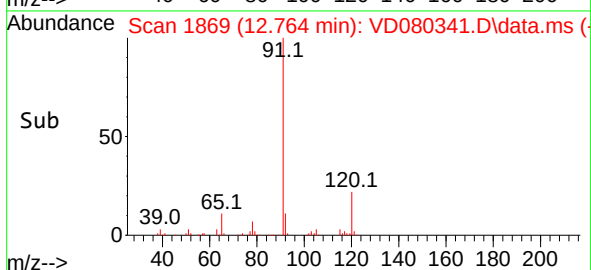
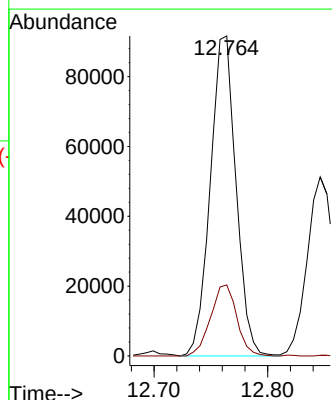
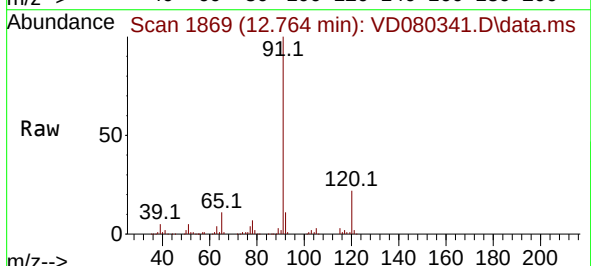
Acq: 15 May 2025 11:48

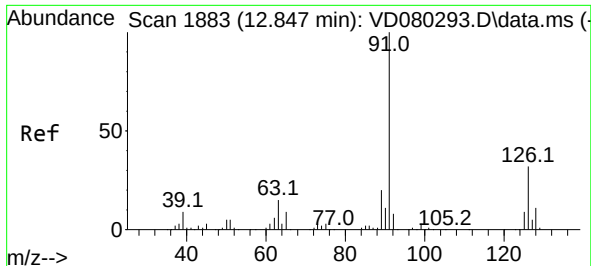
Tgt Ion: 91 Resp: 144282

Ion Ratio Lower Upper

91 100

120 22.6 11.2 33.5

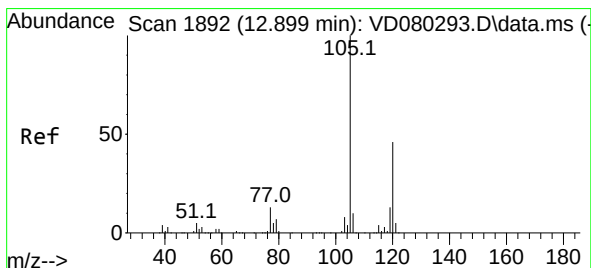
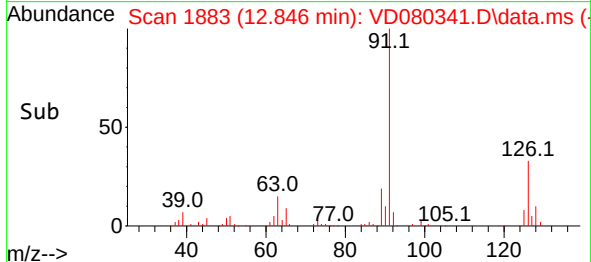
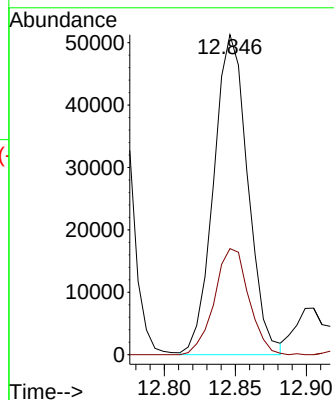
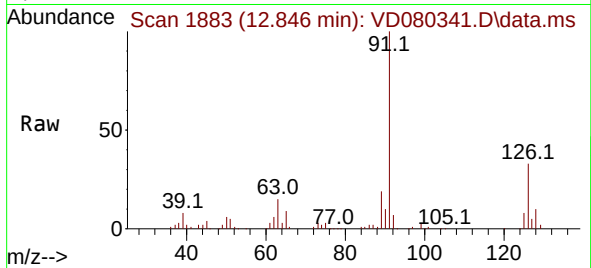




#79
2-Chlorotoluene
Concen: 20.211 ug/l
RT: 12.846 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD080341.D
Acq: 15 May 2025 11:48

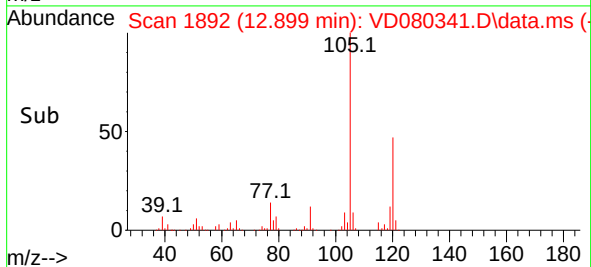
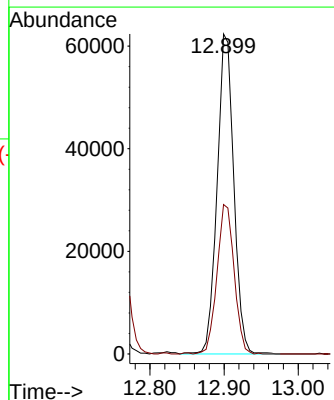
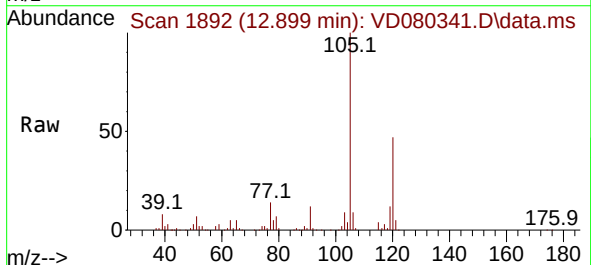
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBSD01

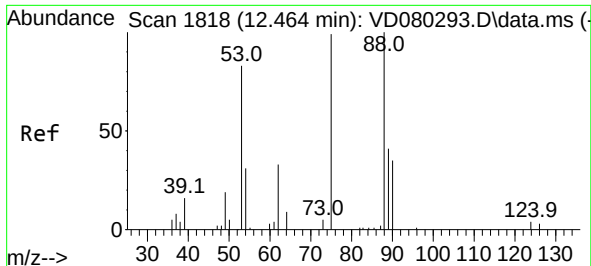
Tgt Ion: 91 Resp: 85825
Ion Ratio Lower Upper
91 100
126 33.4 17.2 51.5



#80
1,3,5-Trimethylbenzene
Concen: 19.634 ug/l
RT: 12.899 min Scan# 1892
Delta R.T. -0.005 min
Lab File: VD080341.D
Acq: 15 May 2025 11:48

Tgt Ion: 105 Resp: 97417
Ion Ratio Lower Upper
105 100
120 48.0 25.0 75.0

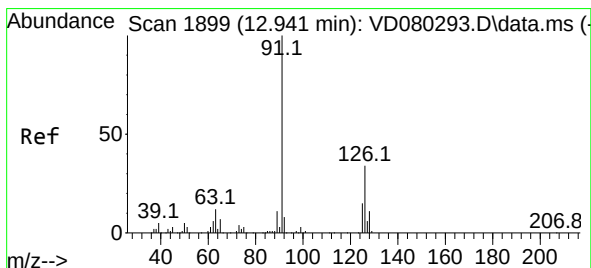
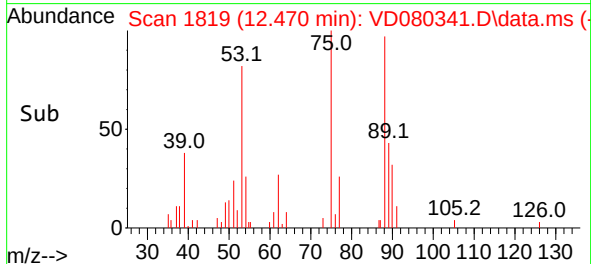
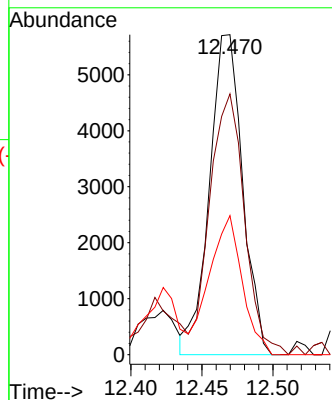
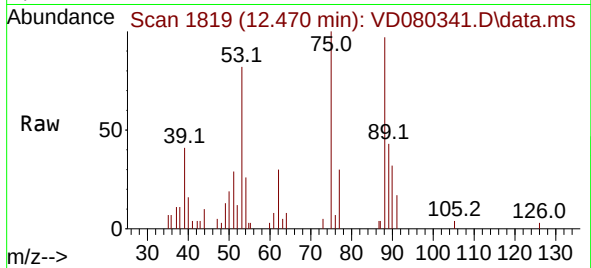




#81
trans-1,4-Dichloro-2-butene
Concen: 20.369 ug/l
RT: 12.470 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD080341.D
Acq: 15 May 2025 11:48

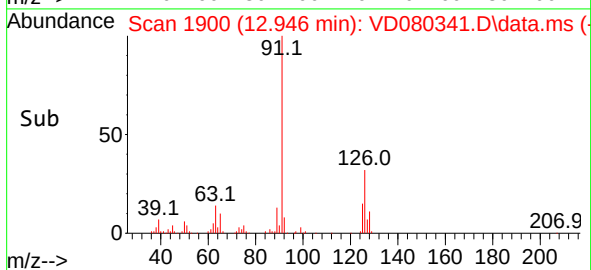
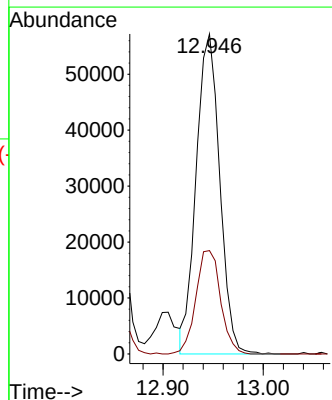
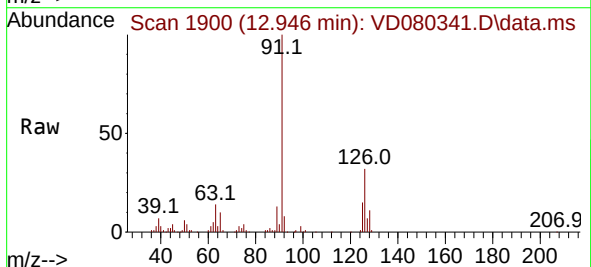
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBSD01

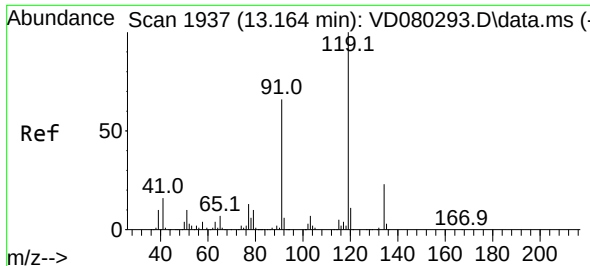
Tgt Ion: 75 Resp: 9288
Ion Ratio Lower Upper
75 100
53 84.9 68.7 103.1
89 43.1 36.1 54.1



#82
4-Chlorotoluene
Concen: 20.393 ug/l
RT: 12.946 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD080341.D
Acq: 15 May 2025 11:48

Tgt Ion: 91 Resp: 93479
Ion Ratio Lower Upper
91 100
126 33.8 16.8 50.3

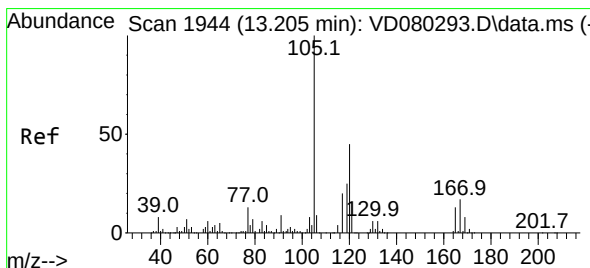
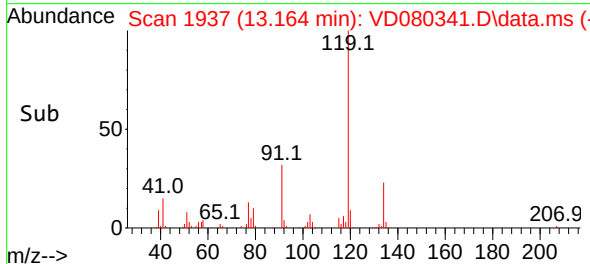
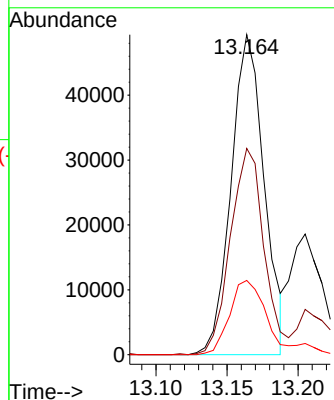
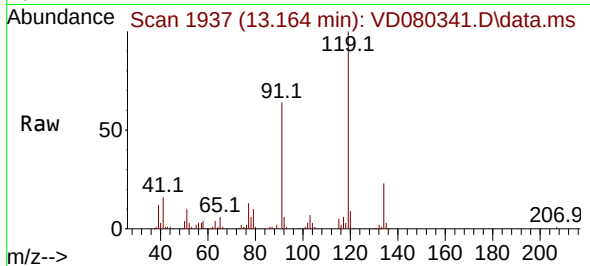




#83
 tert-Butylbenzene
 Concen: 19.298 ug/l
 RT: 13.164 min Scan# 1937
 Delta R.T. 0.001 min
 Lab File: VD080341.D
 Acq: 15 May 2025 11:48

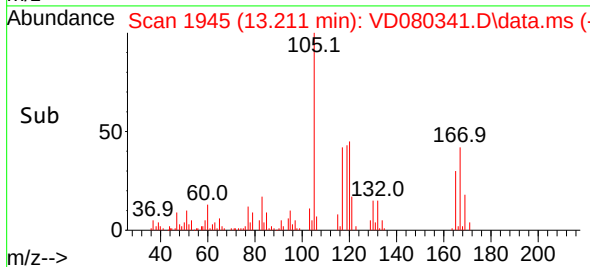
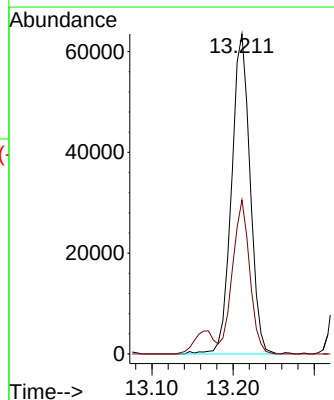
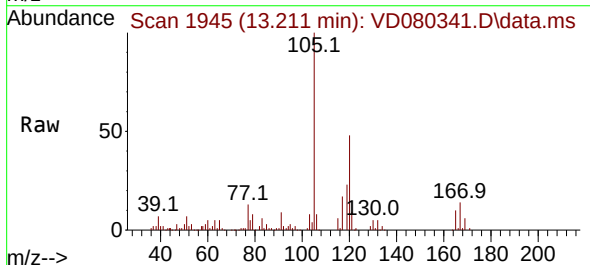
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0515SBSD01

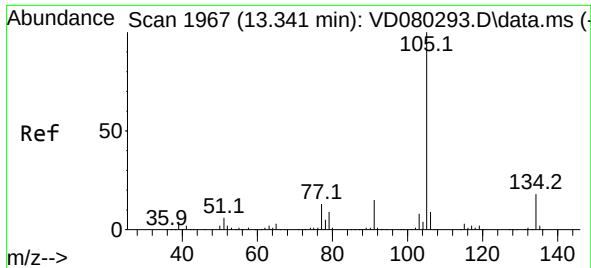
Tgt Ion:	119	Resp:	79902
Ion	Ratio	Lower	Upper
119	100		
91	65.7	33.3	99.9
134	25.0	13.5	40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 19.773 ug/l
 RT: 13.211 min Scan# 1945
 Delta R.T. 0.001 min
 Lab File: VD080341.D
 Acq: 15 May 2025 11:48

Tgt Ion:	105	Resp:	100380
Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.8	68.4

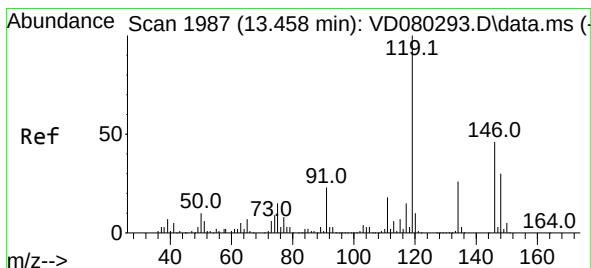
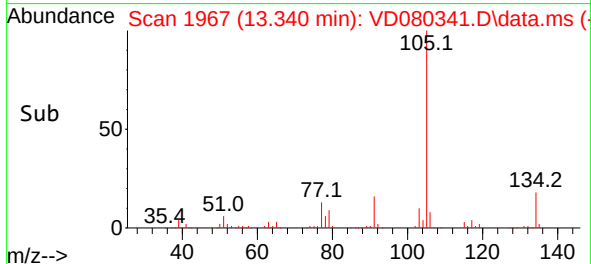
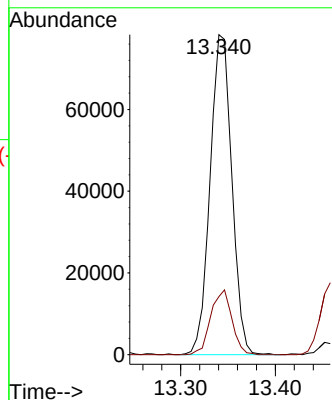
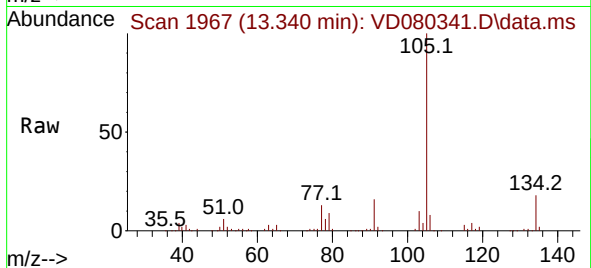




#85
 sec-Butylbenzene
 Concen: 19.620 ug/l
 RT: 13.340 min Scan# 1967
 Delta R.T. 0.000 min
 Lab File: VD080341.D
 Acq: 15 May 2025 11:48

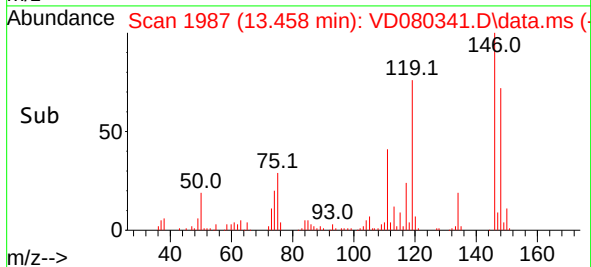
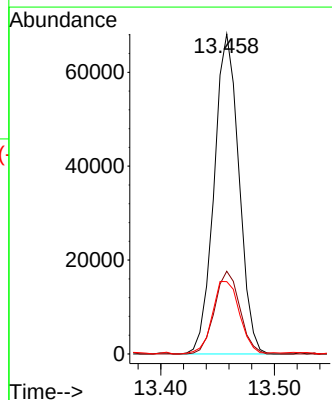
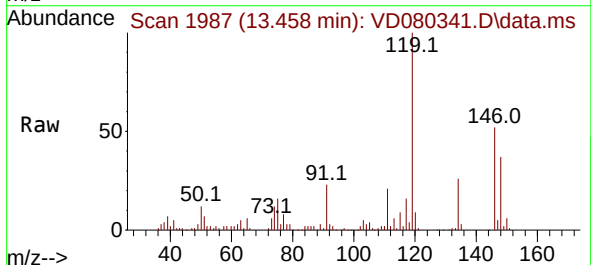
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0515SBSD01

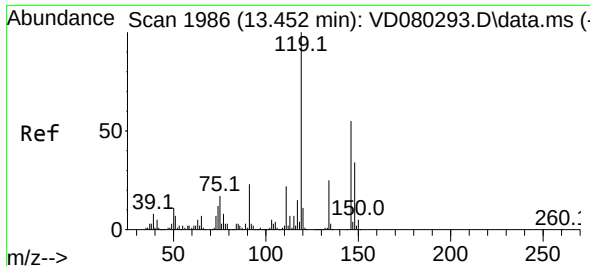
Tgt Ion:105 Resp: 125273
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 19.278 ug/l
 RT: 13.458 min Scan# 1987
 Delta R.T. 0.001 min
 Lab File: VD080341.D
 Acq: 15 May 2025 11:48

Tgt Ion:119 Resp: 103450
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.1
 91 24.9 12.2 36.4

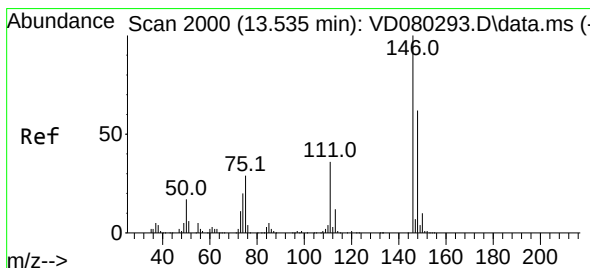
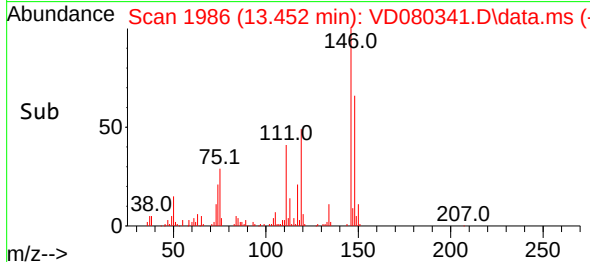
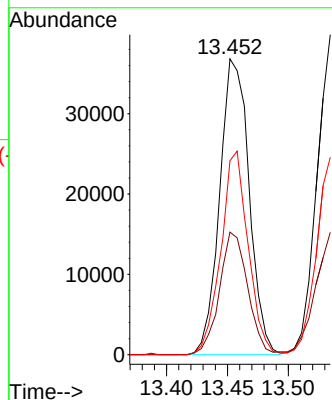
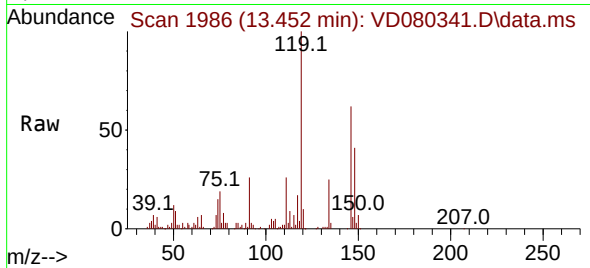




#87
 1,3-Dichlorobenzene
 Concen: 19.674 ug/l
 RT: 13.452 min Scan# 1986
 Delta R.T. -0.005 min
 Lab File: VD080341.D
 Acq: 15 May 2025 11:48

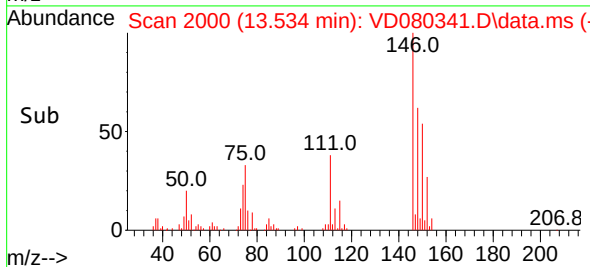
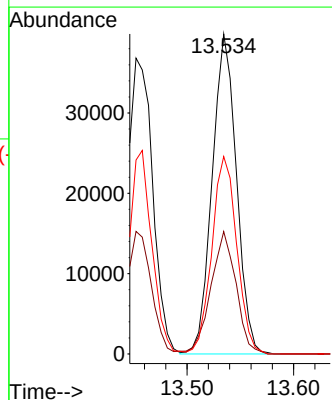
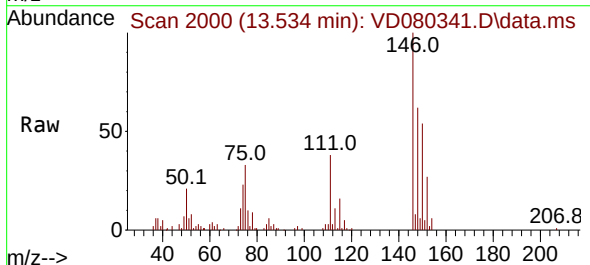
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0515SBSD01

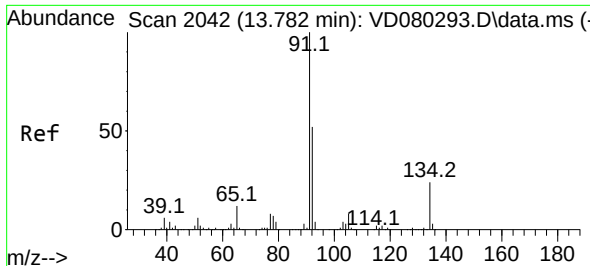
Tgt Ion:146 Resp: 61914
 Ion Ratio Lower Upper
 146 100
 111 39.8 20.0 59.9
 148 64.1 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 19.850 ug/l
 RT: 13.534 min Scan# 2000
 Delta R.T. 0.000 min
 Lab File: VD080341.D
 Acq: 15 May 2025 11:48

Tgt Ion:146 Resp: 62973
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.3 57.8
 148 63.5 32.9 98.7

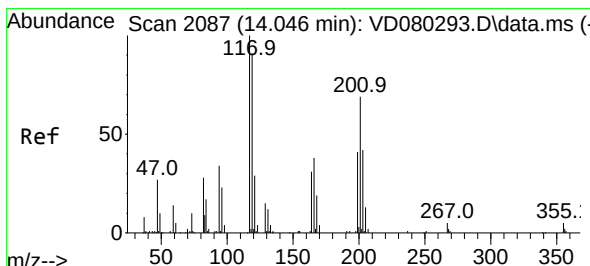
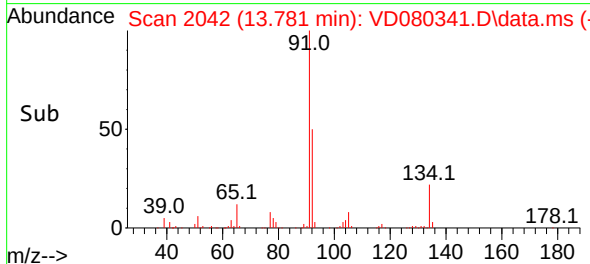
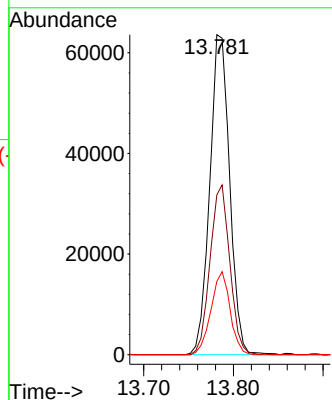
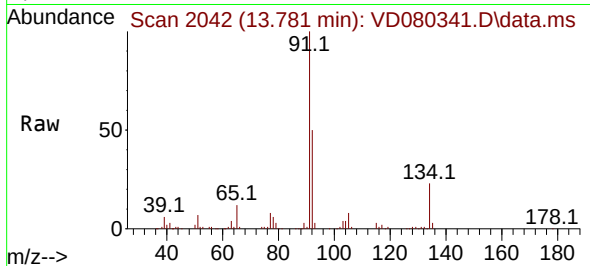




#89
n-Butylbenzene
Concen: 18.815 ug/l
RT: 13.781 min Scan# 2042
Delta R.T. -0.006 min
Lab File: VD080341.D
Acq: 15 May 2025 11:48

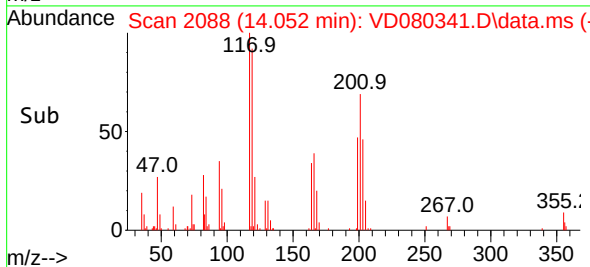
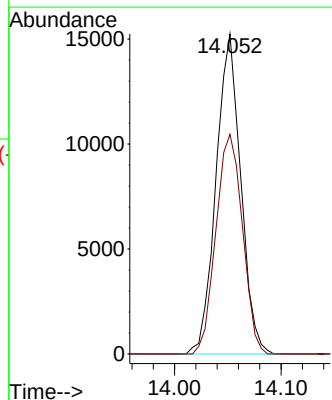
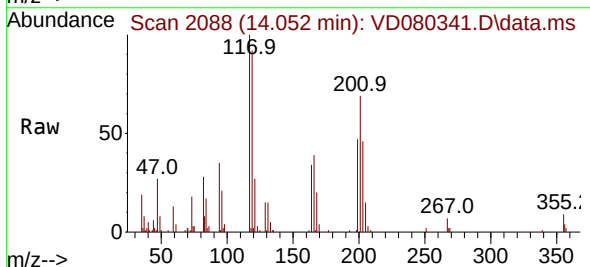
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBSD01

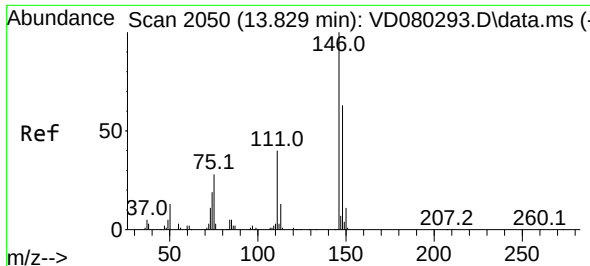
Tgt Ion: 91 Resp: 98011
Ion Ratio Lower Upper
91 100
92 52.5 26.3 78.9
134 24.9 12.3 36.8



#90
Hexachloroethane
Concen: 20.671 ug/l
RT: 14.052 min Scan# 2088
Delta R.T. 0.001 min
Lab File: VD080341.D
Acq: 15 May 2025 11:48

Tgt Ion: 117 Resp: 24544
Ion Ratio Lower Upper
117 100
201 73.6 37.5 112.5

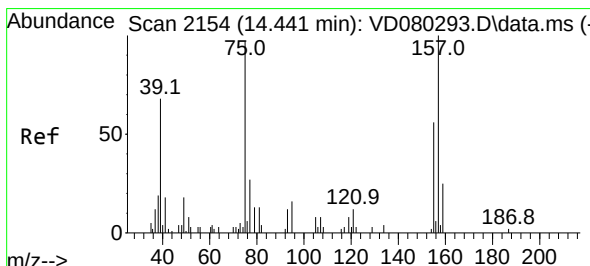
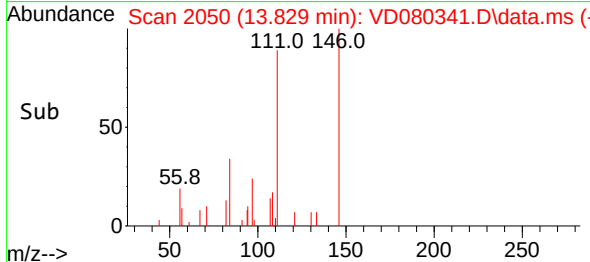
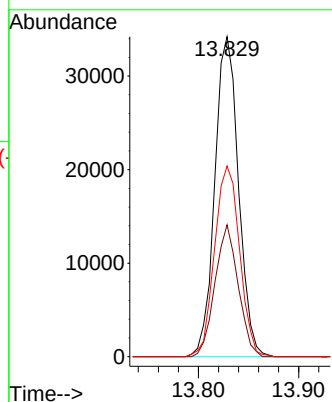
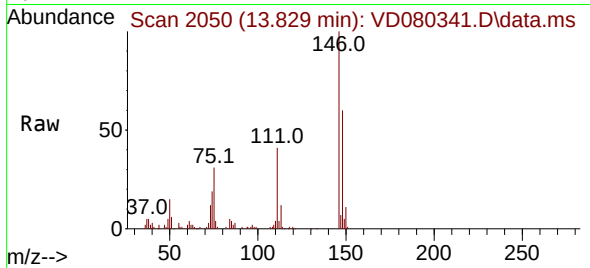




#91
 1,2-Dichlorobenzene
 Concen: 20.505 ug/l
 RT: 13.829 min Scan# 2050
 Delta R.T. 0.001 min
 Lab File: VD080341.D
 Acq: 15 May 2025 11:48

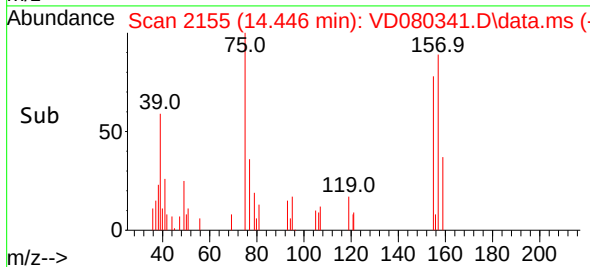
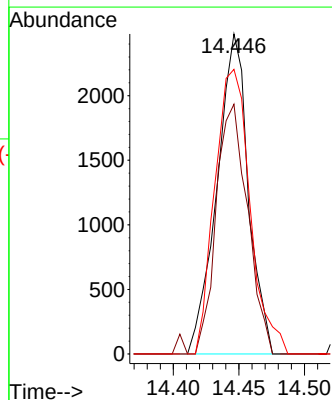
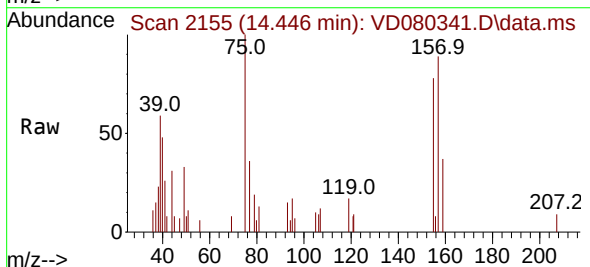
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0515SBSD01

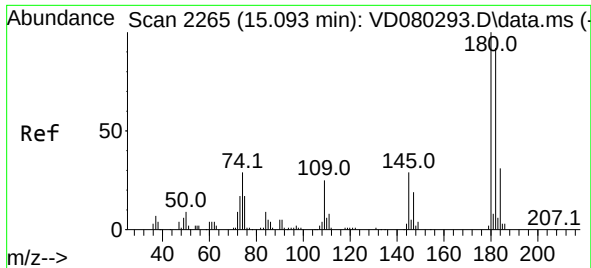
Tgt Ion:	146	Resp:	56054
Ion Ratio	Lower	Upper	
146	100		
111	40.3	20.6	61.8
148	62.9	32.7	98.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.207 ug/l
 RT: 14.446 min Scan# 2155
 Delta R.T. 0.006 min
 Lab File: VD080341.D
 Acq: 15 May 2025 11:48

Tgt Ion:	75	Resp:	4120
Ion Ratio	Lower	Upper	
75	100		
155	78.3	40.6	122.0
157	100.1	53.3	159.9

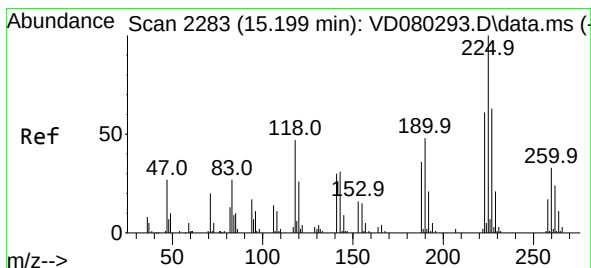
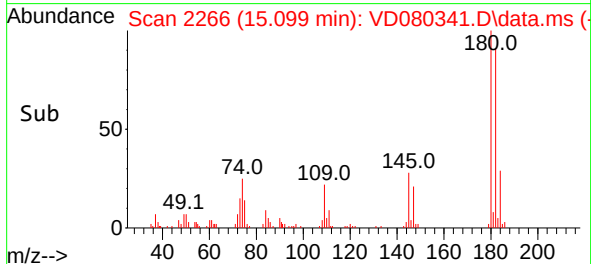
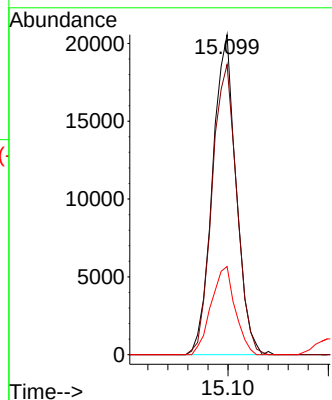
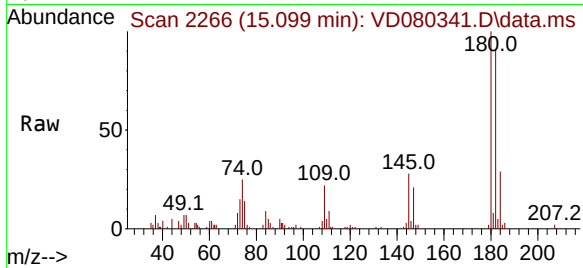




#93
 1,2,4-Trichlorobenzene
 Concen: 19.552 ug/l
 RT: 15.099 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: VD080341.D
 Acq: 15 May 2025 11:48

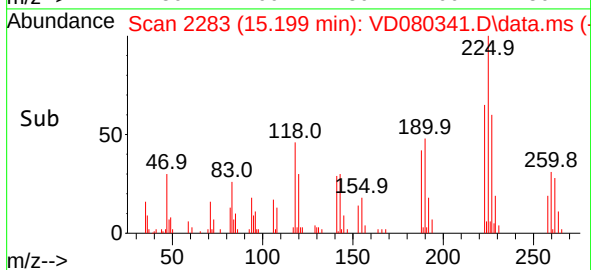
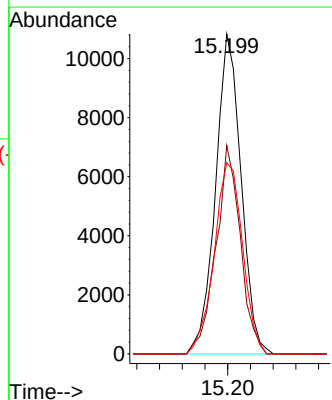
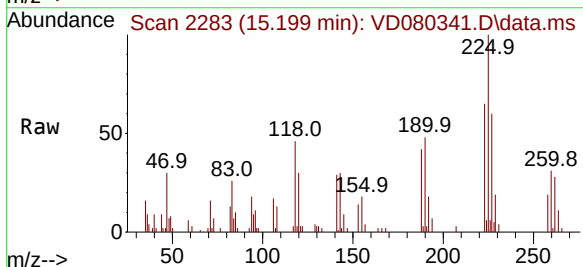
Instrument :
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 ClientSampleId :
 VD0515SBSD01

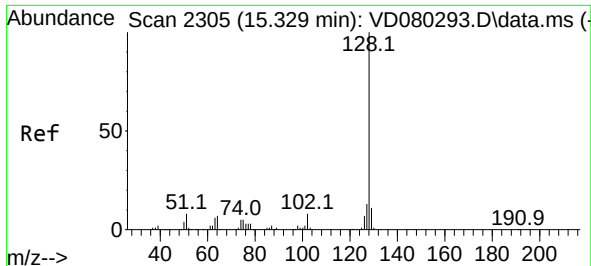
Tgt Ion:180 Resp: 33614
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.4 142.2
 145 28.0 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: 18.930 ug/l
 RT: 15.199 min Scan# 2283
 Delta R.T. 0.001 min
 Lab File: VD080341.D
 Acq: 15 May 2025 11:48

Tgt Ion:225 Resp: 16931
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.5 94.5
 227 66.2 30.9 92.5

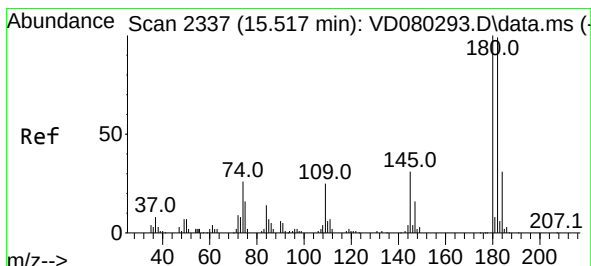
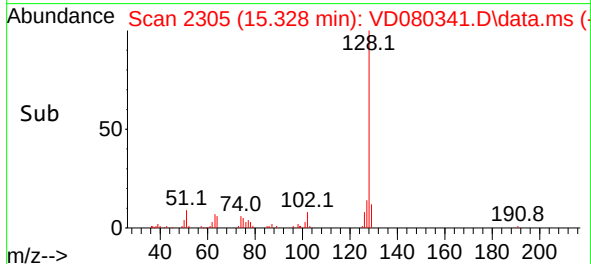
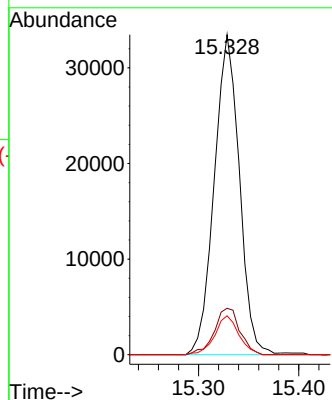
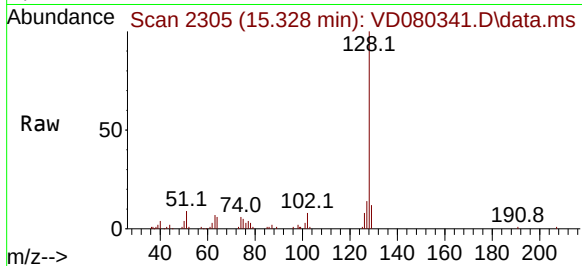




#95
Naphthalene
Concen: 18.002 ug/l
RT: 15.328 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD080341.D
Acq: 15 May 2025 11:48

Instrument :
MSVOA_D
ClientSampleId :
VD0515SBSD01

Tgt Ion:	128	Resp:	58113
Ion Ratio	Lower	Upper	
128	100		
127	14.5	11.8	17.8
129	12.2	8.3	12.5



#96
1,2,3-Trichlorobenzene
Concen: 18.853 ug/l
RT: 15.523 min Scan# 2338
Delta R.T. 0.007 min
Lab File: VD080341.D
Acq: 15 May 2025 11:48

Tgt Ion:	180	Resp:	28988
Ion Ratio	Lower	Upper	
180	100		
182	94.0	47.5	142.6
145	32.4	15.7	47.0

