

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051525\
 Data File : VD080340.D
 Acq On : 15 May 2025 11:21
 Operator : RP/MD
 Sample : VD0515SBS01
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0515SBS01

Quant Time: May 16 02:52:38 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	109219	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	183688	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	168466	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	91911	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	71465	50.599	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.200%	
35) Dibromofluoromethane	7.811	113	67741	55.023	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.040%	
50) Toluene-d8	10.270	98	256751	52.929	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.860%	
62) 4-Bromofluorobenzene	12.570	95	80503	51.705	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.400%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.935	85	26238	24.269	ug/l	96
3) Chloromethane	2.153	50	41198	18.857	ug/l	100
4) Vinyl Chloride	2.288	62	45996	16.199	ug/l	96
5) Bromomethane	2.694	94	34592	16.925	ug/l	96
6) Chloroethane	2.841	64	32977	16.426	ug/l	96
7) Trichlorofluoromethane	3.176	101	46954	21.567	ug/l	98
8) Diethyl Ether	3.600	74	14096	20.974	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.970	101	28204	21.025	ug/l	96
10) Methyl Iodide	4.164	142	28130	20.572	ug/l	99
11) Tert butyl alcohol	5.064	59	7150	83.426	ug/l	98
12) 1,1-Dichloroethene	3.941	96	26630	20.136	ug/l	97
13) Acrolein	3.794	56	7389	49.000	ug/l	87
14) Allyl chloride	4.564	41	38768	18.639	ug/l	97
15) Acrylonitrile	5.252	53	28018	86.716	ug/l	92
16) Acetone	4.023	43	22960	95.931	ug/l	100
17) Carbon Disulfide	4.270	76	91264	19.873	ug/l #	94
18) Methyl Acetate	4.564	43	18115	19.821	ug/l	99
19) Methyl tert-butyl Ether	5.323	73	56675	19.507	ug/l	98
20) Methylene Chloride	4.805	84	34008	20.271	ug/l	90
21) trans-1,2-Dichloroethene	5.317	96	29115	20.265	ug/l	92
22) Diisopropyl ether	6.217	45	83688	19.533	ug/l	91
23) Vinyl Acetate	6.158	43	232897	93.332	ug/l	95
24) 1,1-Dichloroethane	6.111	63	55319	20.518	ug/l	99
25) 2-Butanone	7.088	43	34951	89.938	ug/l	92
26) 2,2-Dichloropropane	7.070	77	40922	19.075	ug/l	97
27) cis-1,2-Dichloroethene	7.082	96	31152	19.571	ug/l	93
28) Bromochloromethane	7.429	49	24416	19.450	ug/l	91
29) Tetrahydrofuran	7.452	42	22800	89.983	ug/l	99
30) Chloroform	7.594	83	55822	20.763	ug/l	95
31) Cyclohexane	7.882	56	42938	18.713	ug/l	96
32) 1,1,1-Trichloroethane	7.799	97	46106	21.019	ug/l	98
36) 1,1-Dichloropropene	8.011	75	37631	20.452	ug/l	98
37) Ethyl Acetate	7.170	43	14576	15.149	ug/l #	95
38) Carbon Tetrachloride	7.994	117	39310	20.486	ug/l	97
39) Methylcyclohexane	9.276	83	40835	19.126	ug/l #	90
40) Benzene	8.252	78	119426	20.715	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051525\
 Data File : VD080340.D
 Acq On : 15 May 2025 11:21
 Operator : RP/MD
 Sample : VD0515SBS01
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0515SBS01

Quant Time: May 16 02:52:38 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)
41) Methacrylonitrile	7.446	41	25045	47.037	ug/l #	33
42) 1,2-Dichloroethane	8.329	62	34210	20.478	ug/l	99
43) Isopropyl Acetate	8.364	43	31280	17.929	ug/l	98
44) Trichloroethene	9.029	130	28550	21.333	ug/l	100
45) 1,2-Dichloropropane	9.305	63	31110	21.040	ug/l	100
46) Dibromomethane	9.399	93	16829	20.905	ug/l	98
47) Bromodichloromethane	9.582	83	41885	20.499	ug/l	96
48) Methyl methacrylate	9.382	41	15132	18.254	ug/l	94
49) 1,4-Dioxane	9.393	88	3505	366.207	ug/l #	90
51) 4-Methyl-2-Pentanone	10.158	43	85260	94.843	ug/l	94
52) Toluene	10.335	92	72554	20.889	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	36222	19.445	ug/l	100
54) cis-1,3-Dichloropropene	10.017	75	43070	19.953	ug/l	92
55) 1,1,2-Trichloroethane	10.735	97	22007	20.667	ug/l	95
56) Ethyl methacrylate	10.593	69	24823	19.238	ug/l	97
57) 1,3-Dichloropropane	10.876	76	36894	20.847	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.870	63	48515	91.873	ug/l	99
59) 2-Hexanone	10.923	43	54906	88.788	ug/l	97
60) Dibromochloromethane	11.070	129	28321	21.222	ug/l	100
61) 1,2-Dibromoethane	11.182	107	20152	20.409	ug/l	100
64) Tetrachloroethene	10.811	164	24127	21.149	ug/l	93
65) Chlorobenzene	11.605	112	78589	20.660	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.682	131	28038	21.454	ug/l	98
67) Ethyl Benzene	11.682	91	125328	19.716	ug/l	96
68) m/p-Xylenes	11.793	106	99877	40.465	ug/l	99
69) o-Xylene	12.123	106	45082	19.988	ug/l	94
70) Styrene	12.134	104	83492	20.615	ug/l	98
71) Bromoform	12.299	173	16237	20.912	ug/l #	99
73) Isopropylbenzene	12.423	105	112325	18.840	ug/l	99
74) N-amyl acetate	12.234	43	30534	17.844	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.670	83	27346	20.857	ug/l	99
76) 1,2,3-Trichloropropane	12.723	75	32533	36.675	ug/l #	100
77) Bromobenzene	12.699	156	31620	20.446	ug/l	97
78) n-propylbenzene	12.764	91	148999	19.914	ug/l	100
79) 2-Chlorotoluene	12.846	91	87894	20.196	ug/l	98
80) 1,3,5-Trimethylbenzene	12.905	105	102827	20.221	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.470	75	9217	19.723	ug/l	98
82) 4-Chlorotoluene	12.946	91	94773	20.174	ug/l	97
83) tert-Butylbenzene	13.164	119	82763	19.504	ug/l	100
84) 1,2,4-Trimethylbenzene	13.211	105	103976	19.984	ug/l	99
85) sec-Butylbenzene	13.340	105	131823	20.145	ug/l	98
86) p-Isopropyltoluene	13.458	119	106090	19.290	ug/l	99
87) 1,3-Dichlorobenzene	13.458	146	64377	19.961	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	64628	19.877	ug/l	97
89) n-Butylbenzene	13.787	91	102312	19.164	ug/l	99
90) Hexachloroethane	14.052	117	25418	20.888	ug/l	95
91) 1,2-Dichlorobenzene	13.829	146	56795	20.272	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.446	75	4113	19.683	ug/l	99
93) 1,2,4-Trichlorobenzene	15.099	180	34430	19.541	ug/l	98
94) Hexachlorobutadiene	15.199	225	18700	20.400	ug/l	96
95) Naphthalene	15.328	128	58659	17.731	ug/l	97
96) 1,2,3-Trichlorobenzene	15.517	180	29239	18.555	ug/l	93

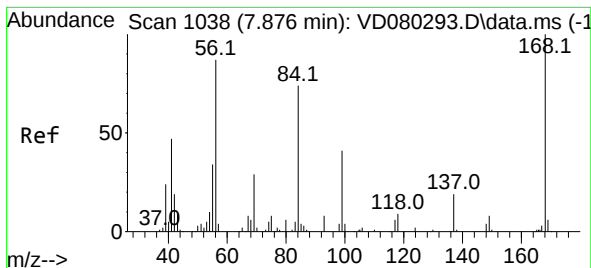
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051525\
Data File : VD080340.D
Acq On : 15 May 2025 11:21
Operator : RP/MD
Sample : VD0515SBS01
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0515SBS01

Quant Time: May 16 02:52:38 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)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.876 min Scan# 1038

Delta R.T. 0.001 min

Lab File: VD080340.D

Acq: 15 May 2025 11:21

Instrument :

MSVOA_D

ClientSampleId :

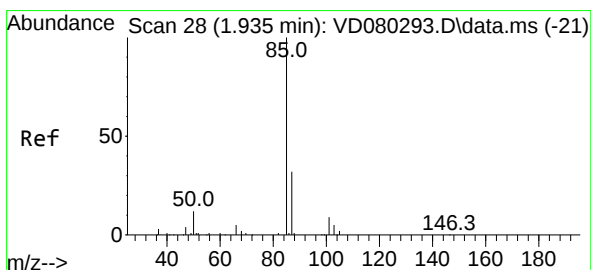
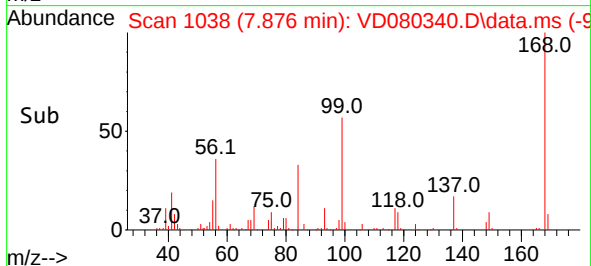
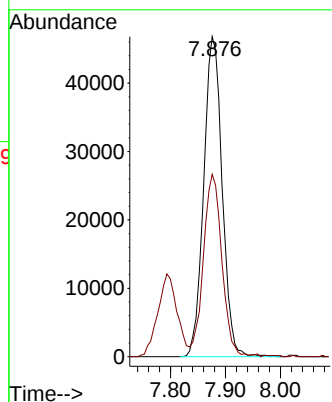
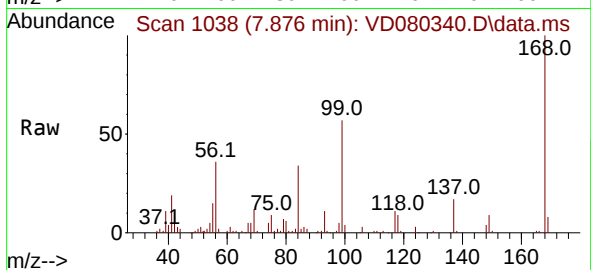
VD0515SBS01

Tgt Ion:168 Resp: 109219

Ion Ratio Lower Upper

168 100

99 56.6 46.0 69.0



#2

Dichlorodifluoromethane

Concen: 24.269 ug/l

RT: 1.935 min Scan# 28

Delta R.T. 0.001 min

Lab File: VD080340.D

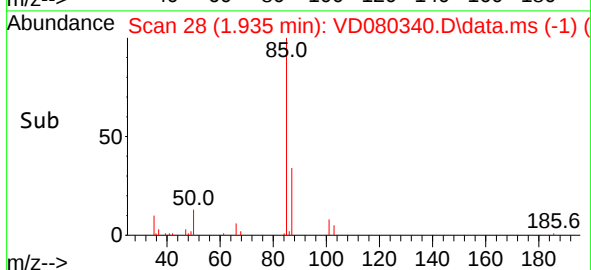
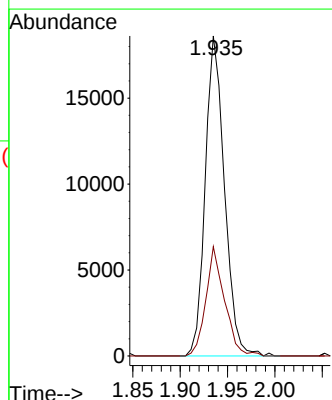
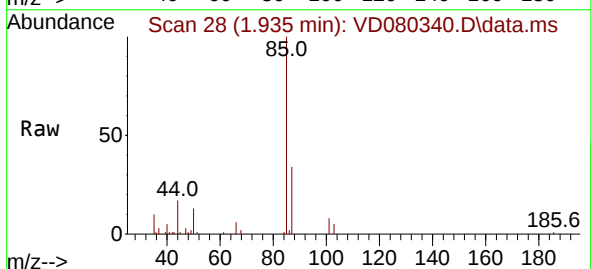
Acq: 15 May 2025 11:21

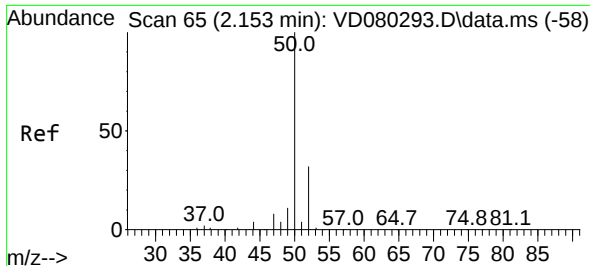
Tgt Ion: 85 Resp: 26238

Ion Ratio Lower Upper

85 100

87 34.2 16.1 48.2

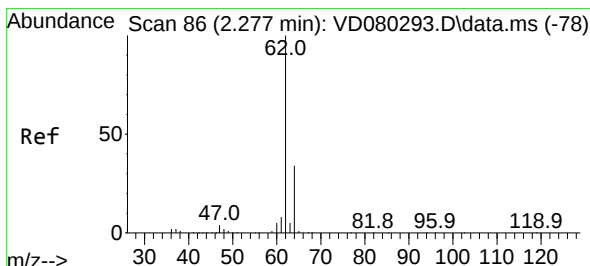
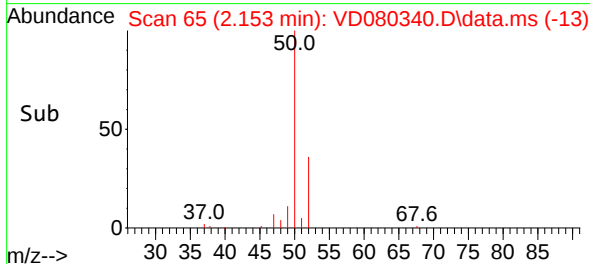
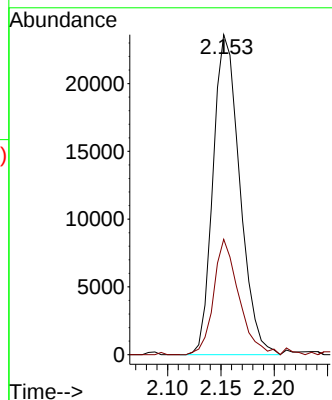
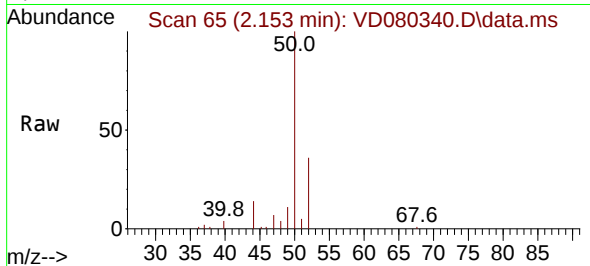




#3
Chloromethane
Concen: 18.857 ug/l
RT: 2.153 min Scan# 61
Delta R.T. 0.007 min
Lab File: VD080340.D
Acq: 15 May 2025 11:21

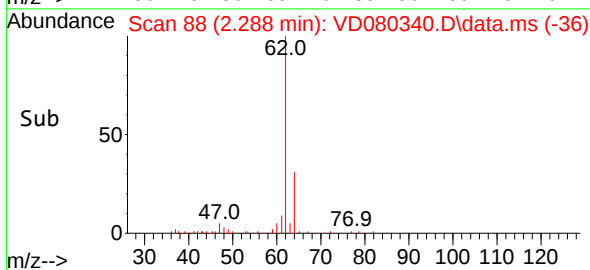
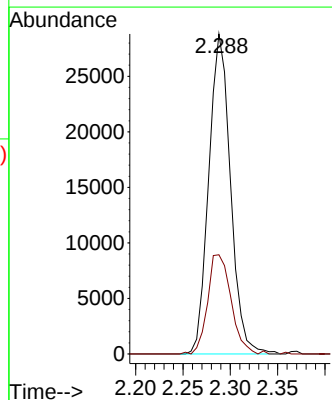
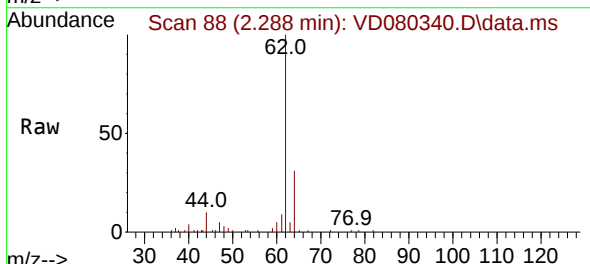
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBS01

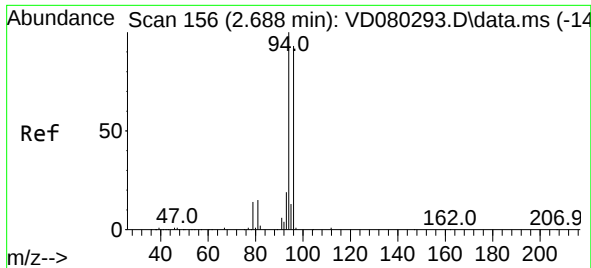
Tgt Ion: 50 Resp: 41198
Ion Ratio Lower Upper
50 100
52 36.1 28.8 43.2



#4
Vinyl Chloride
Concen: 16.199 ug/l
RT: 2.288 min Scan# 88
Delta R.T. 0.007 min
Lab File: VD080340.D
Acq: 15 May 2025 11:21

Tgt Ion: 62 Resp: 45996
Ion Ratio Lower Upper
62 100
64 31.0 26.5 39.7

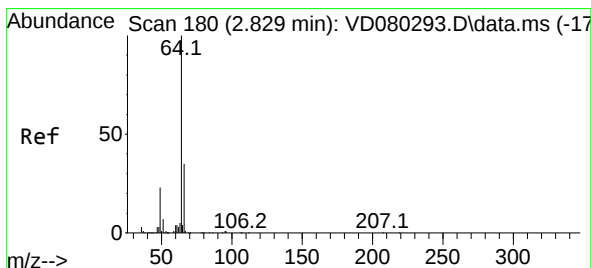
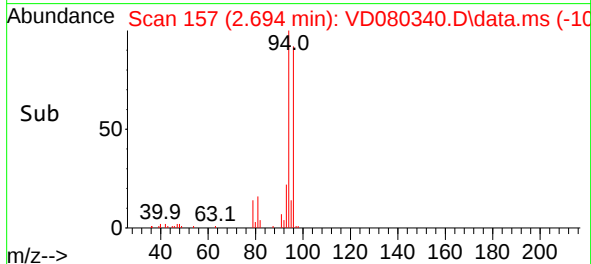
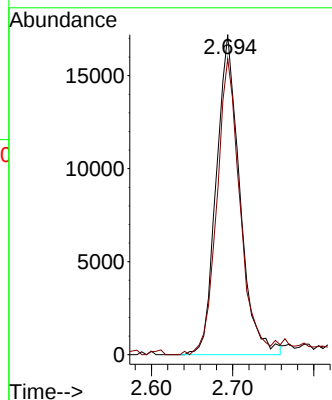
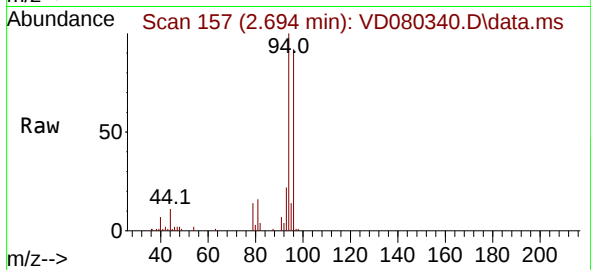




#5
Bromomethane
Concen: 16.925 ug/l
RT: 2.694 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD080340.D
Acq: 15 May 2025 11:21

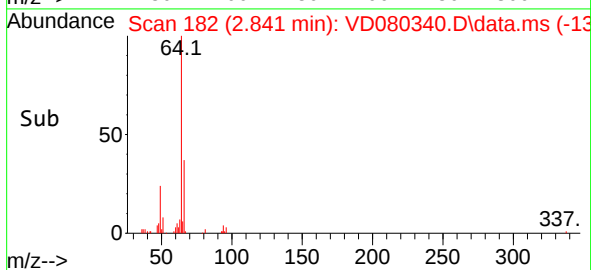
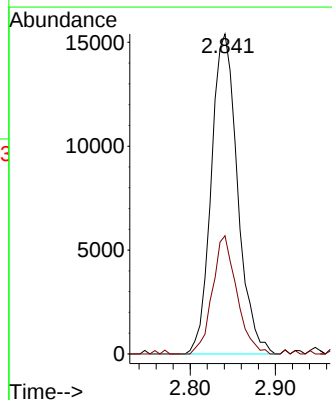
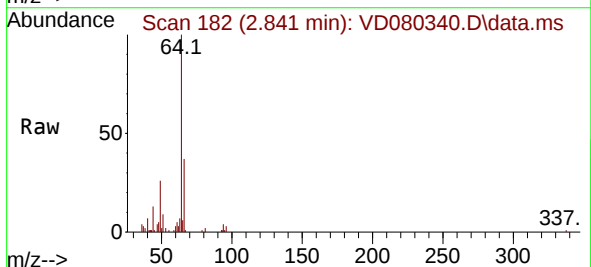
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBS01

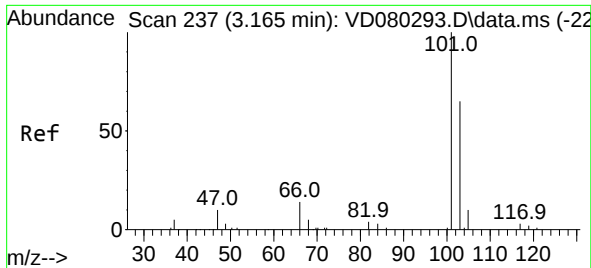
Tgt Ion: 94 Resp: 34592
Ion Ratio Lower Upper
94 100
96 91.0 76.2 114.2



#6
Chloroethane
Concen: 16.426 ug/l
RT: 2.841 min Scan# 182
Delta R.T. 0.007 min
Lab File: VD080340.D
Acq: 15 May 2025 11:21

Tgt Ion: 64 Resp: 32977
Ion Ratio Lower Upper
64 100
66 36.9 27.6 41.4

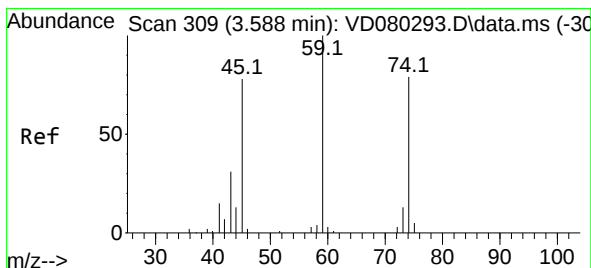
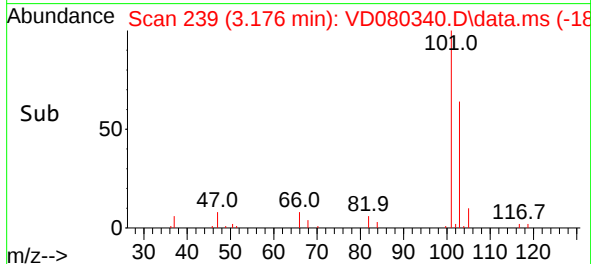
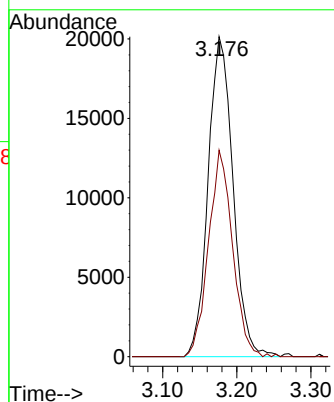
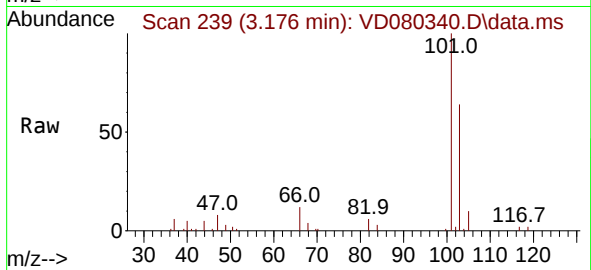




#7
Trichlorofluoromethane
Concen: 21.567 ug/l
RT: 3.176 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD080340.D
Acq: 15 May 2025 11:21

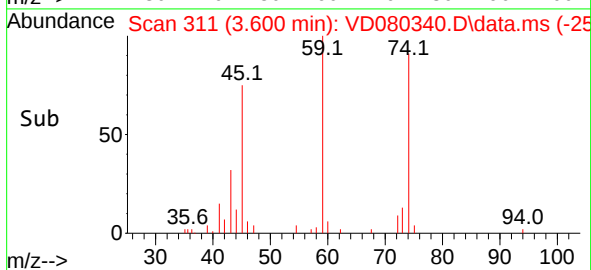
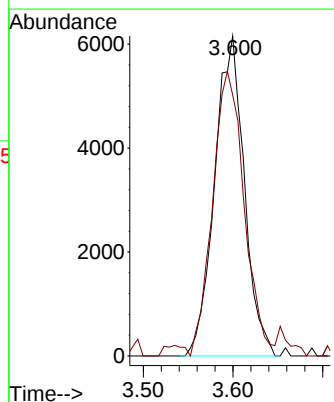
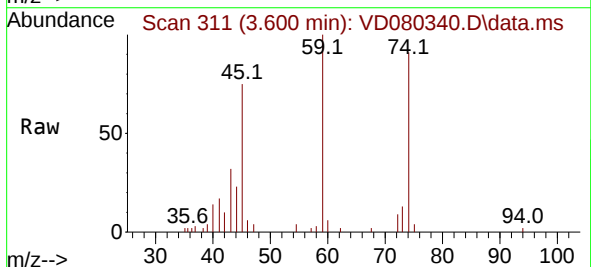
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBS01

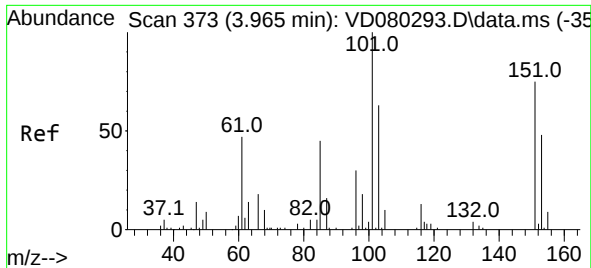
Tgt Ion:101 Resp: 46954
Ion Ratio Lower Upper
101 100
103 64.5 53.0 79.6



#8
Diethyl Ether
Concen: 20.974 ug/l
RT: 3.600 min Scan# 311
Delta R.T. 0.007 min
Lab File: VD080340.D
Acq: 15 May 2025 11:21

Tgt Ion: 74 Resp: 14096
Ion Ratio Lower Upper
74 100
45 95.0 47.8 143.3

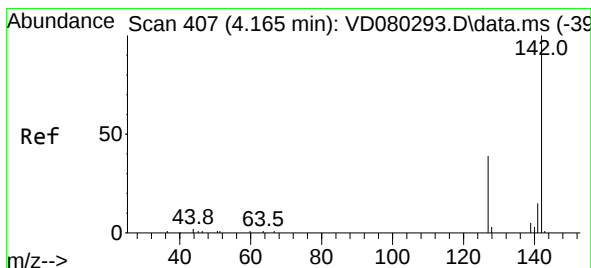
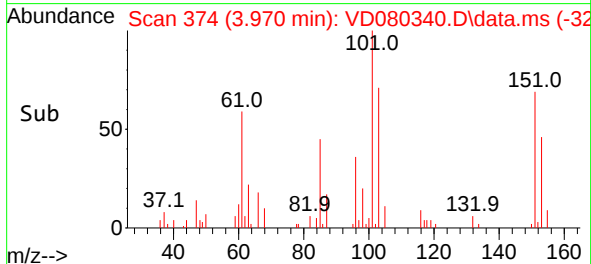
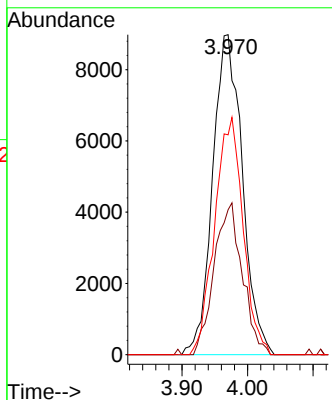
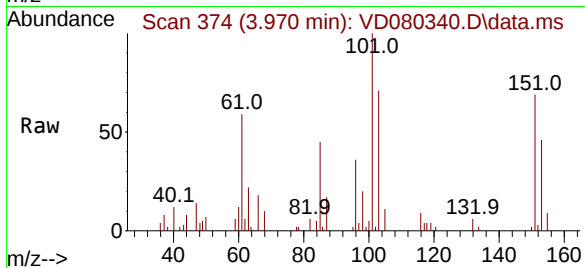




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.025 ug/l
RT: 3.970 min Scan# 373
Delta R.T. 0.000 min
Lab File: VD080340.D
Acq: 15 May 2025 11:21

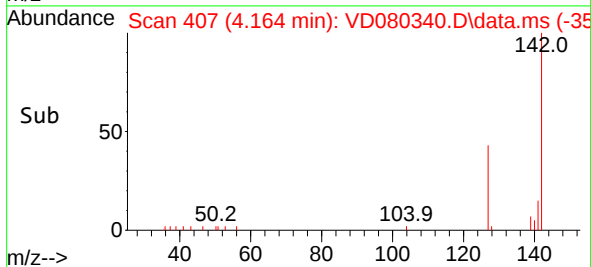
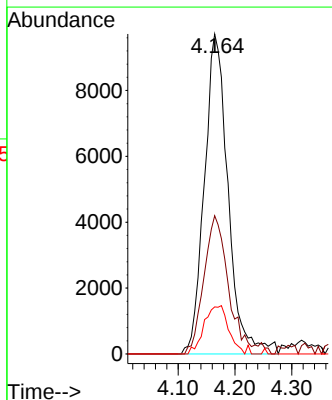
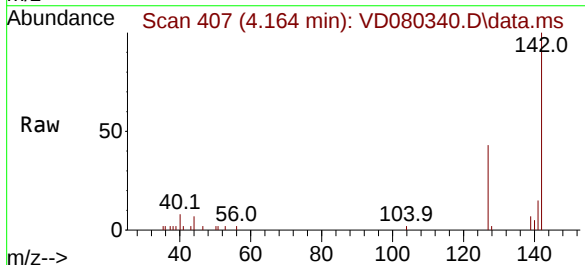
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBS01

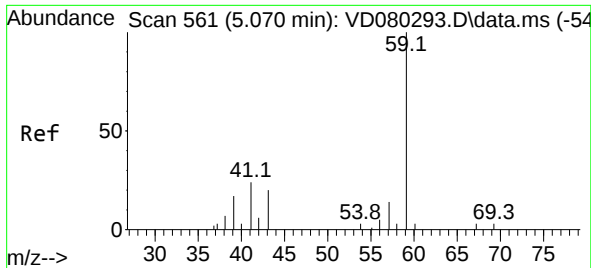
Tgt Ion:101 Resp: 28204
Ion Ratio Lower Upper
101 100
85 45.1 35.3 52.9
151 71.0 60.3 90.5



#10
Methyl Iodide
Concen: 20.572 ug/l
RT: 4.164 min Scan# 407
Delta R.T. 0.000 min
Lab File: VD080340.D
Acq: 15 May 2025 11:21

Tgt Ion:142 Resp: 28130
Ion Ratio Lower Upper
142 100
127 44.8 35.3 52.9
141 15.4 12.2 18.2

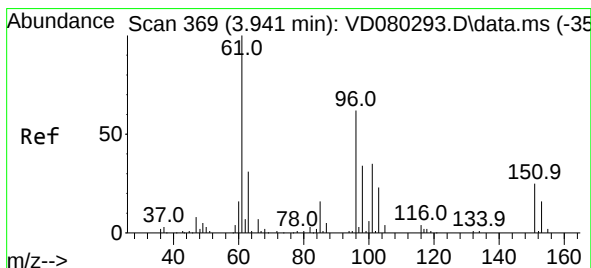
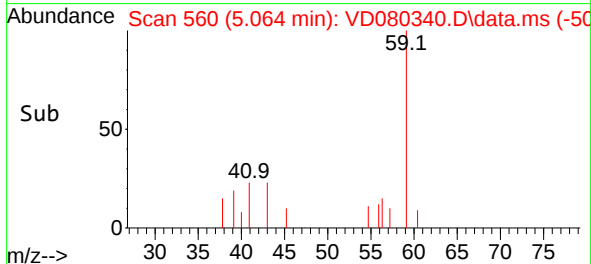
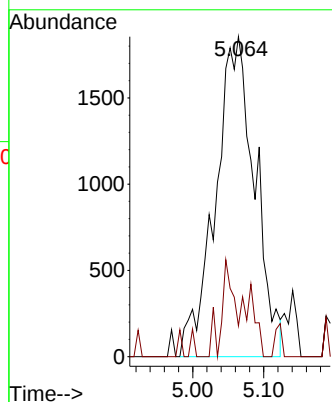
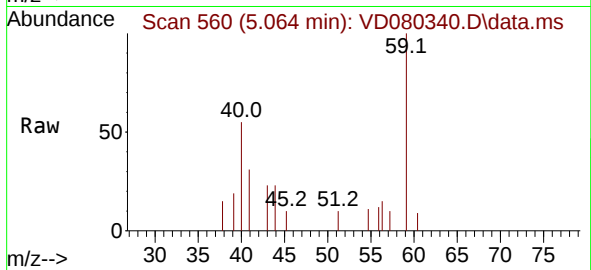




#11
Tert butyl alcohol
Concen: 83.426 ug/l
RT: 5.064 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD080340.D
Acq: 15 May 2025 11:21

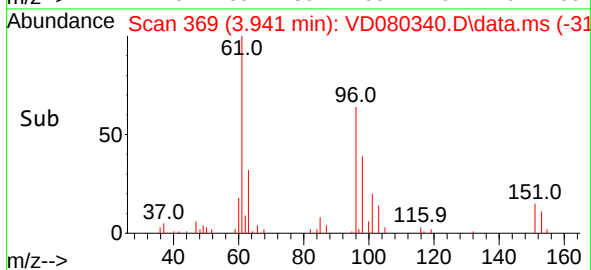
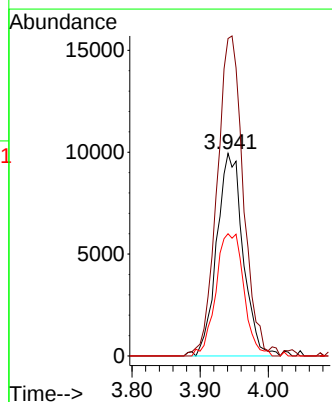
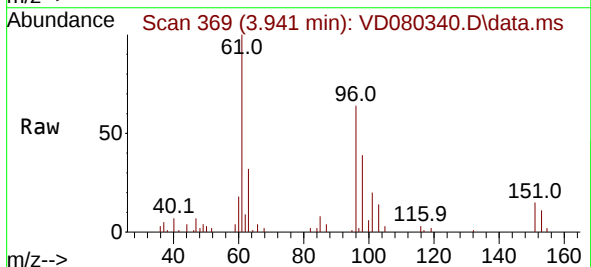
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBS01

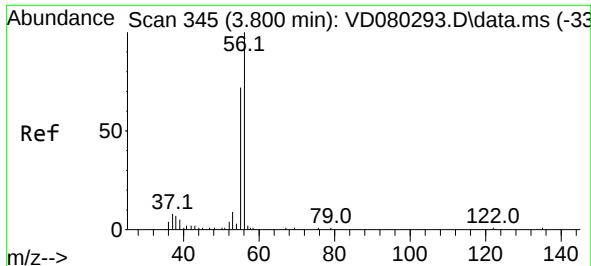
Tgt Ion: 59 Resp: 7150
Ion Ratio Lower Upper
59 100
57 6.8 4.8 7.2



#12
1,1-Dichloroethene
Concen: 20.136 ug/l
RT: 3.941 min Scan# 369
Delta R.T. 0.001 min
Lab File: VD080340.D
Acq: 15 May 2025 11:21

Tgt Ion: 96 Resp: 26630
Ion Ratio Lower Upper
96 100
61 156.8 122.6 184.0
98 60.4 47.1 70.7

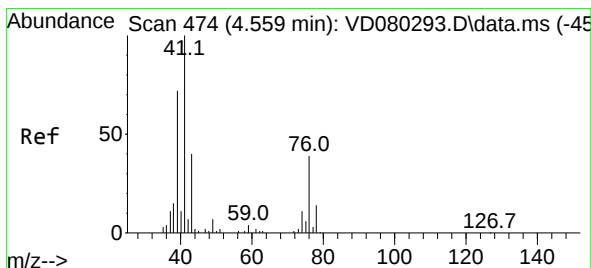
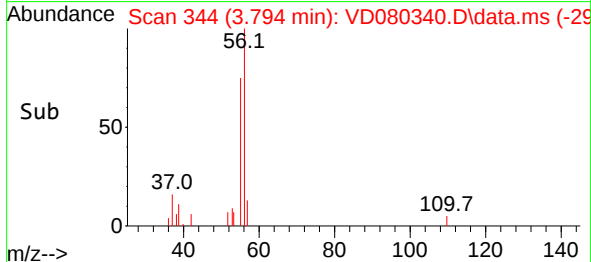
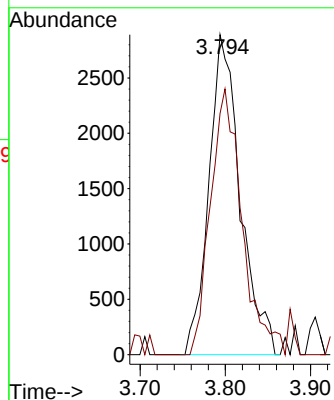
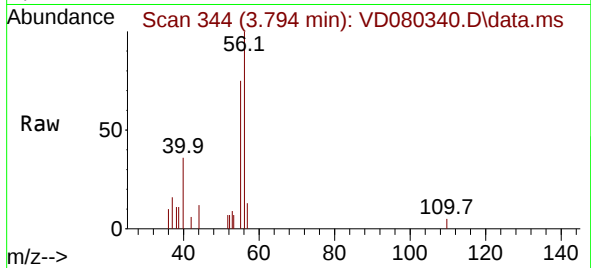




#13
Acrolein
Concen: 49.000 ug/l
RT: 3.794 min Scan# 345
Delta R.T. 0.001 min
Lab File: VD080340.D
Acq: 15 May 2025 11:21

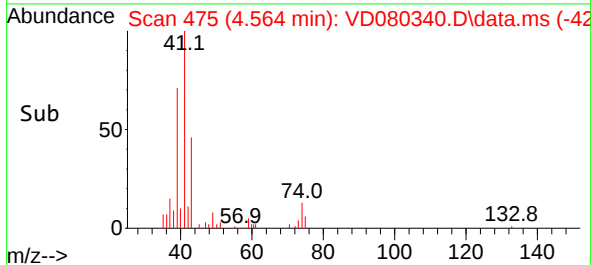
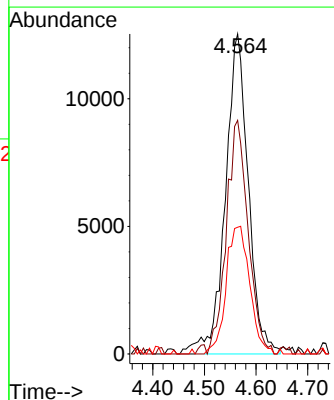
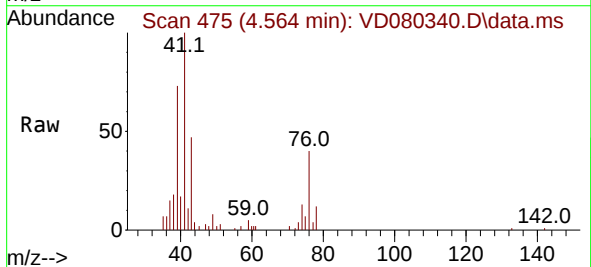
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBS01

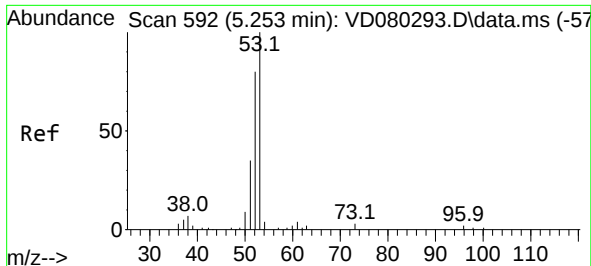
Tgt Ion: 56 Resp: 7389
Ion Ratio Lower Upper
56 100
55 83.9 58.2 87.2



#14
Allyl chloride
Concen: 18.639 ug/l
RT: 4.564 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD080340.D
Acq: 15 May 2025 11:21

Tgt Ion: 41 Resp: 38768
Ion Ratio Lower Upper
41 100
39 69.1 53.3 79.9
76 41.0 32.0 48.0

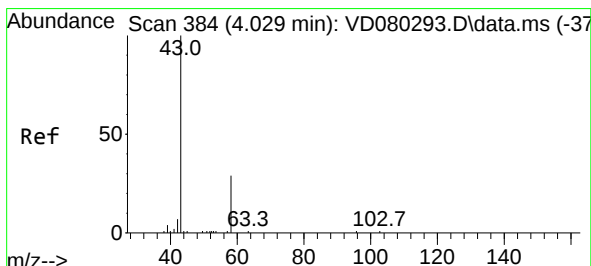
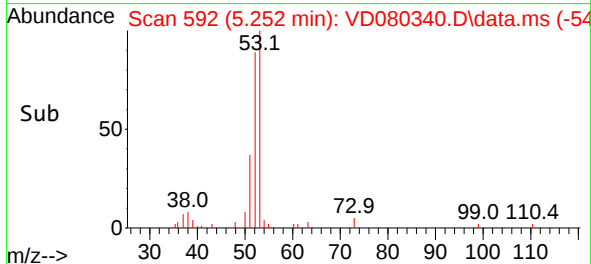
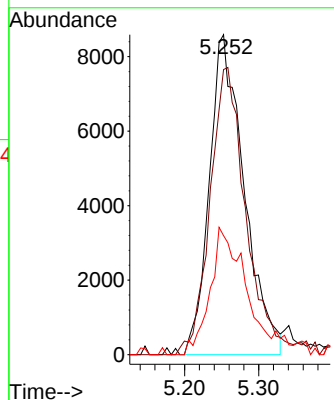
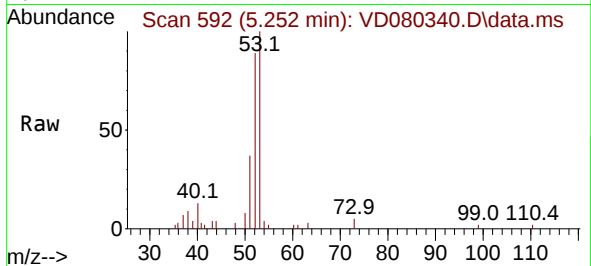




#15
 Acrylonitrile
 Concen: 86.716 ug/l
 RT: 5.252 min Scan# 592
 Delta R.T. 0.000 min
 Lab File: VD080340.D
 Acq: 15 May 2025 11:21

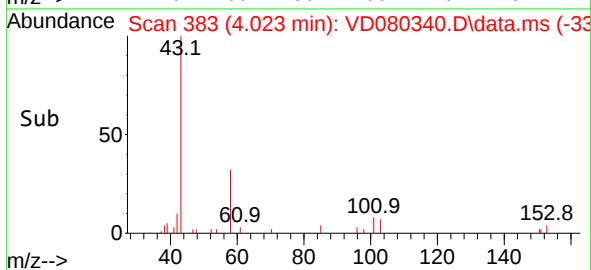
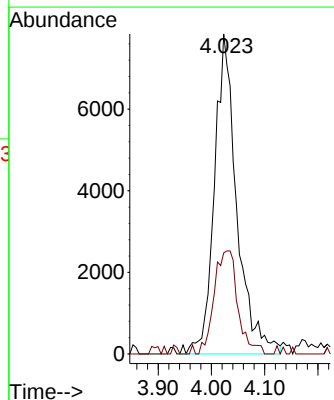
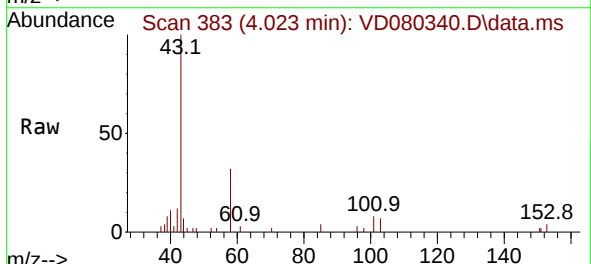
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0515SBS01

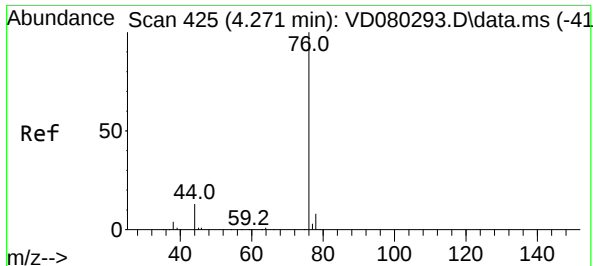
Tgt Ion:	53	Resp:	28018
Ion	Ratio	Lower	Upper
53	100		
52	91.9	66.2	99.4
51	39.6	30.3	45.5



#16
 Acetone
 Concen: 95.931 ug/l
 RT: 4.023 min Scan# 383
 Delta R.T. 0.000 min
 Lab File: VD080340.D
 Acq: 15 May 2025 11:21

Tgt Ion:	43	Resp:	22960
Ion	Ratio	Lower	Upper
43	100		
58	31.6	25.4	38.2

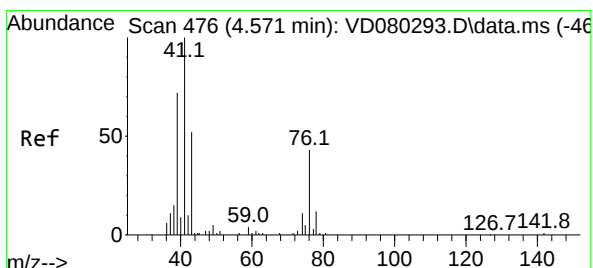
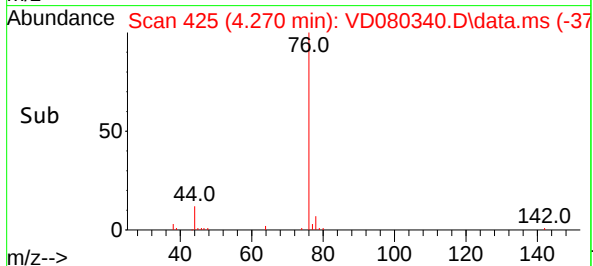
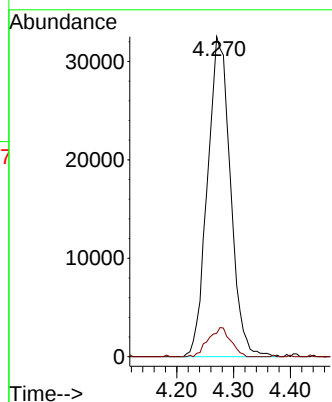
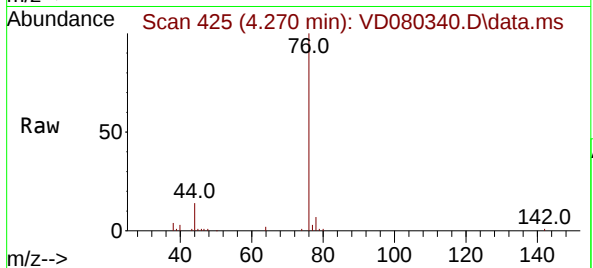




#17
Carbon Disulfide
Concen: 19.873 ug/l
RT: 4.270 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD080340.D
Acq: 15 May 2025 11:21

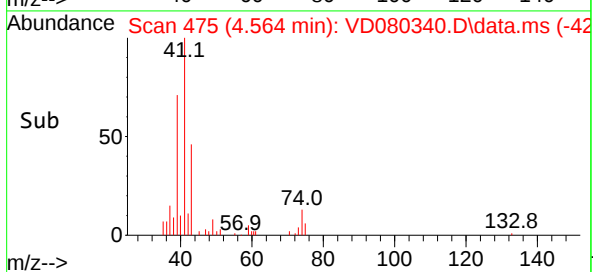
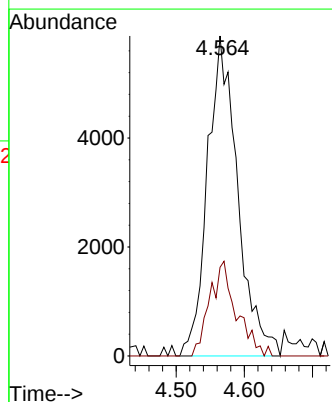
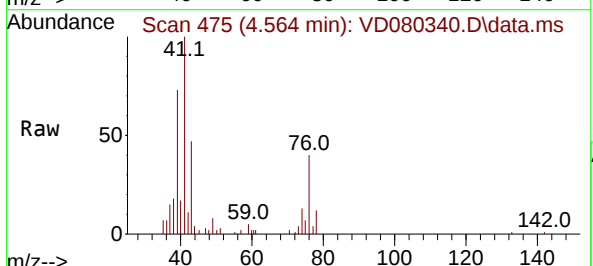
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBS01

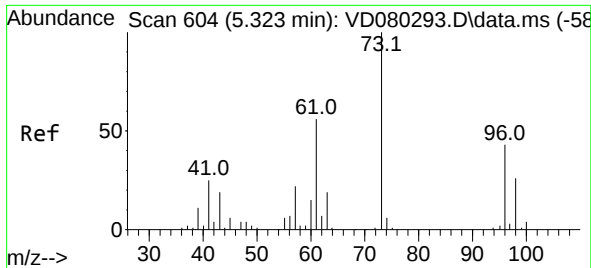
Tgt Ion: 76 Resp: 91264
Ion Ratio Lower Upper
76 100
78 7.3 7.5 11.3#



#18
Methyl Acetate
Concen: 19.821 ug/l
RT: 4.564 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD080340.D
Acq: 15 May 2025 11:21

Tgt Ion: 43 Resp: 18115
Ion Ratio Lower Upper
43 100
74 26.3 20.5 30.7

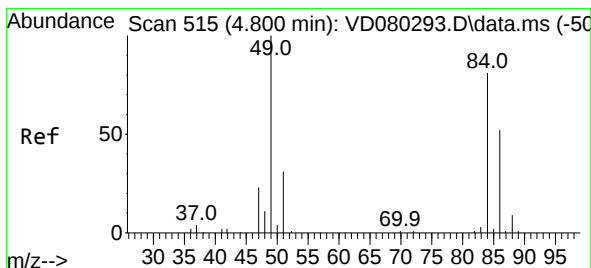
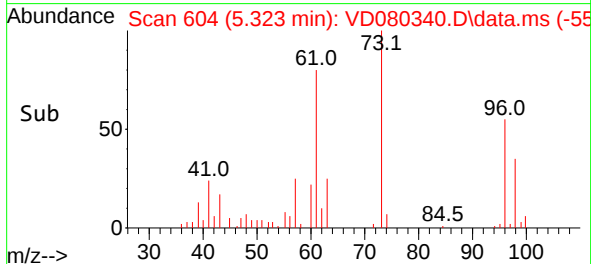
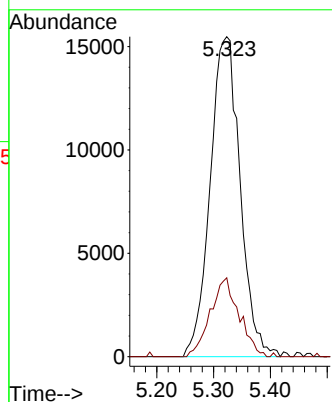
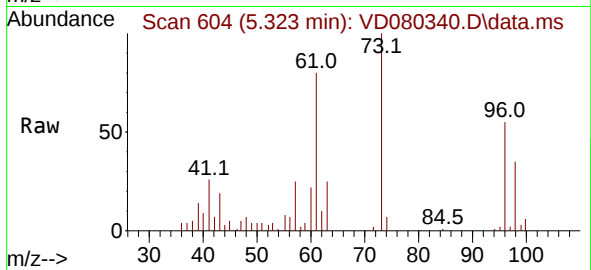




#19
Methyl tert-butyl Ether
Concen: 19.507 ug/l
RT: 5.323 min Scan# 604
Delta R.T. 0.001 min
Lab File: VD080340.D
Acq: 15 May 2025 11:21

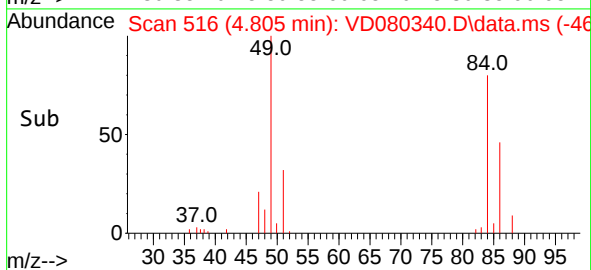
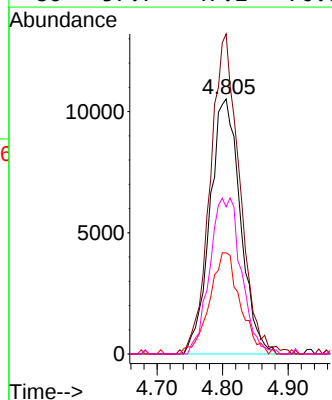
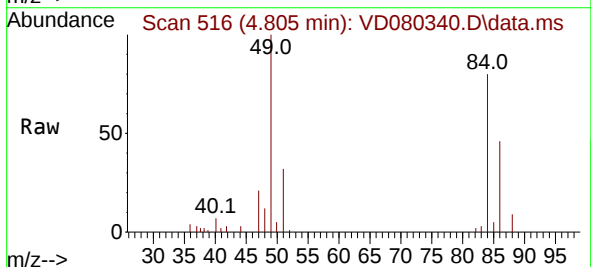
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBS01

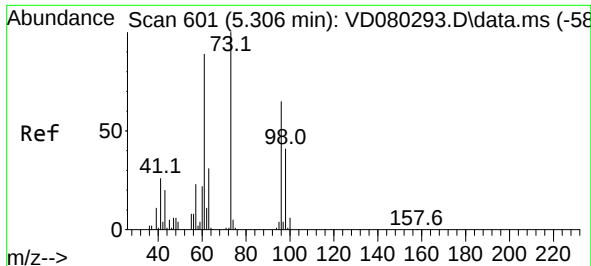
Tgt Ion: 73 Resp: 56675
Ion Ratio Lower Upper
73 100
57 24.7 18.8 28.2



#20
Methylene Chloride
Concen: 20.271 ug/l
RT: 4.805 min Scan# 516
Delta R.T. 0.000 min
Lab File: VD080340.D
Acq: 15 May 2025 11:21

Tgt Ion: 84 Resp: 34008
Ion Ratio Lower Upper
84 100
49 124.0 86.5 129.7
51 39.6 26.9 40.3
86 57.7 47.2 70.8

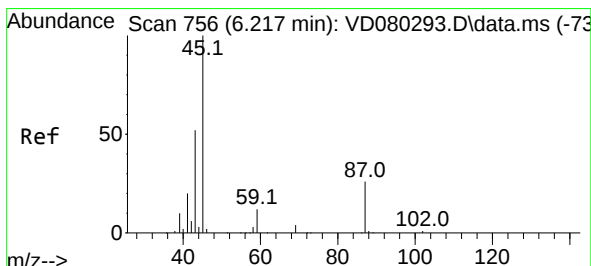
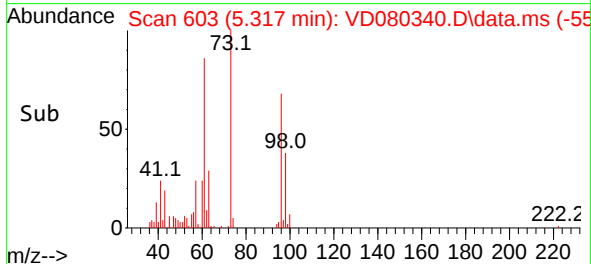
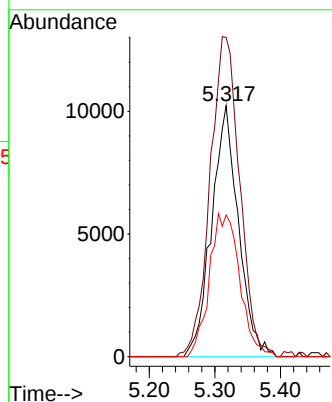
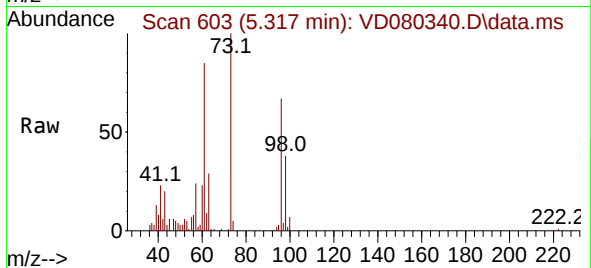




#21
trans-1,2-Dichloroethene
Concen: 20.265 ug/l
RT: 5.317 min Scan# 603
Delta R.T. 0.006 min
Lab File: VD080340.D
Acq: 15 May 2025 11:21

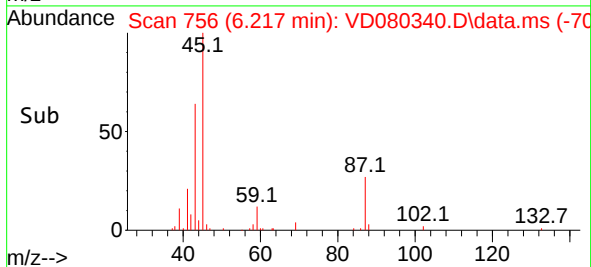
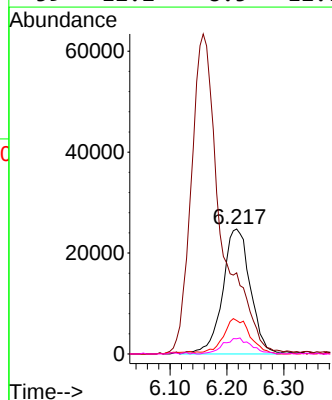
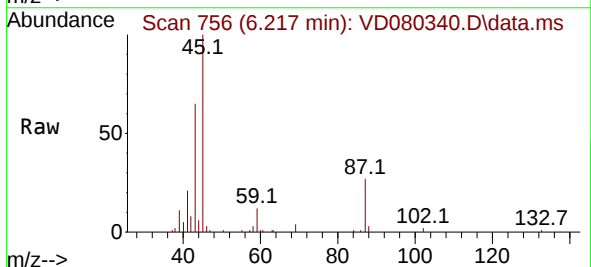
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBS01

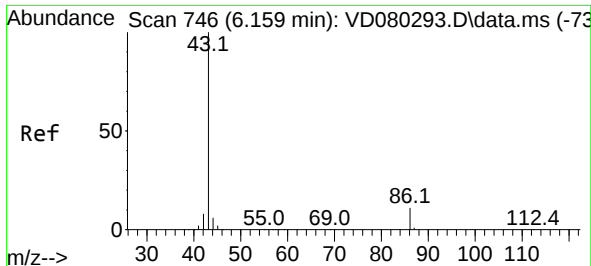
Tgt Ion: 96 Resp: 29115
Ion Ratio Lower Upper
96 100
61 127.3 109.4 164.0
98 56.4 49.8 74.8



#22
Diisopropyl ether
Concen: 19.533 ug/l
RT: 6.217 min Scan# 756
Delta R.T. 0.001 min
Lab File: VD080340.D
Acq: 15 May 2025 11:21

Tgt Ion: 45 Resp: 83688
Ion Ratio Lower Upper
45 100
43 62.3 42.6 63.8
87 26.7 22.7 34.1
59 12.2 8.5 12.7

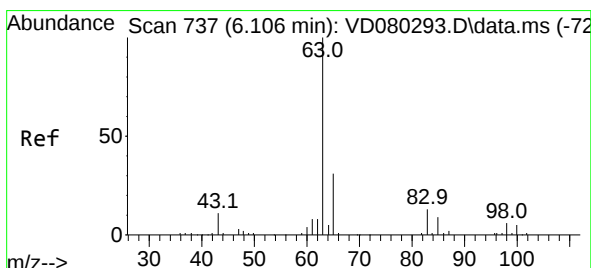
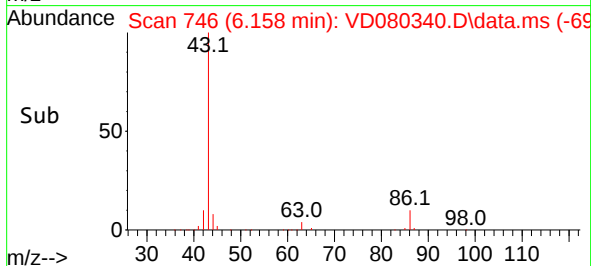
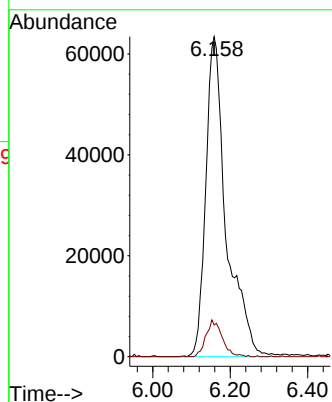
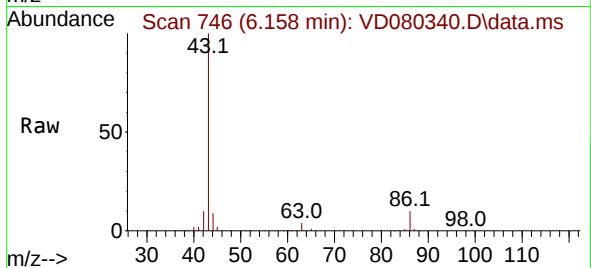




#23
 Vinyl Acetate
 Concen: 93.332 ug/l
 RT: 6.158 min Scan# 746
 Delta R.T. 0.000 min
 Lab File: VD080340.D
 Acq: 15 May 2025 11:21

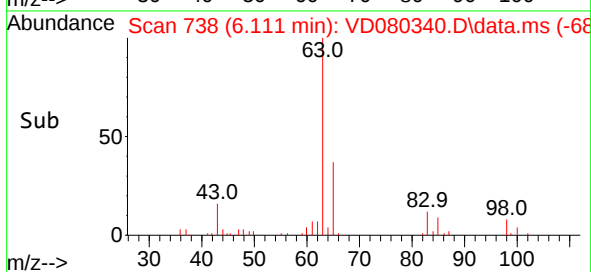
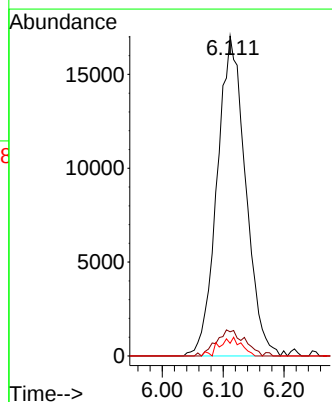
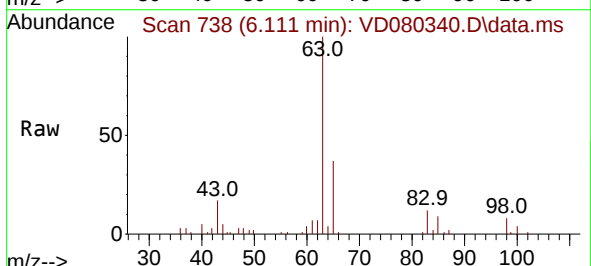
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0515SBS01

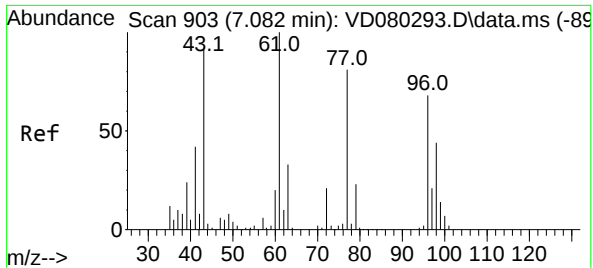
Tgt Ion: 43 Resp: 232897
 Ion Ratio Lower Upper
 43 100
 86 9.9 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 20.518 ug/l
 RT: 6.111 min Scan# 738
 Delta R.T. -0.006 min
 Lab File: VD080340.D
 Acq: 15 May 2025 11:21

Tgt Ion: 63 Resp: 55319
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.6
 100 4.0 2.1 6.5

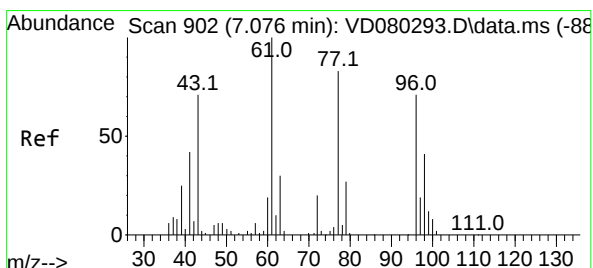
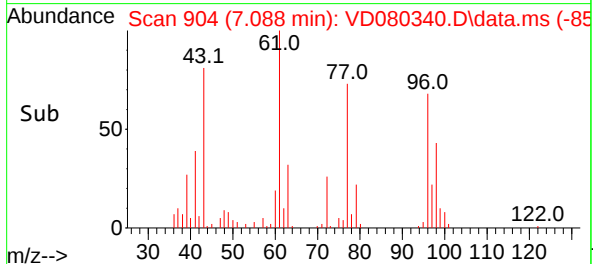
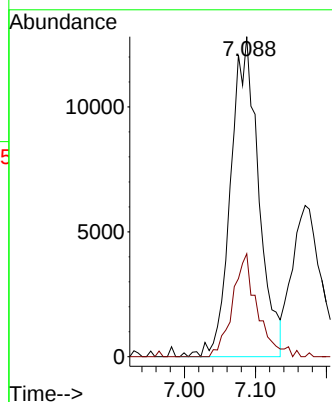
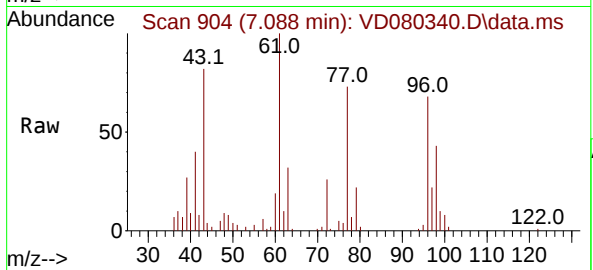




#25
2-Butanone
Concen: 89.938 ug/l
RT: 7.088 min Scan# 904
Delta R.T. 0.001 min
Lab File: VD080340.D
Acq: 15 May 2025 11:21

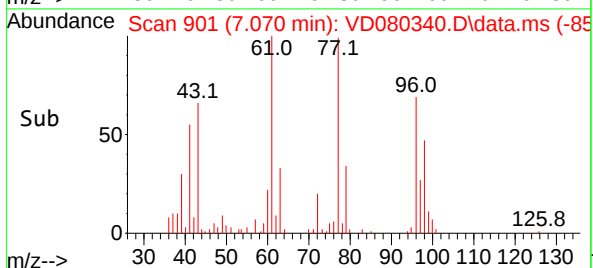
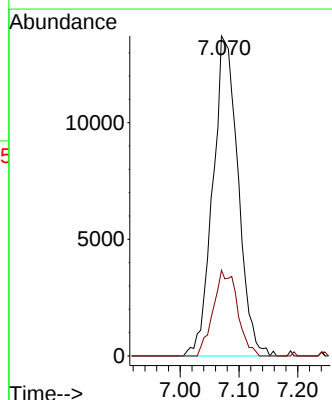
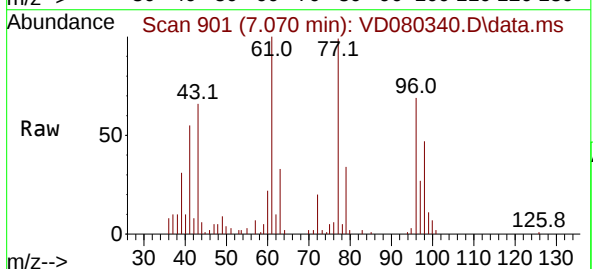
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBS01

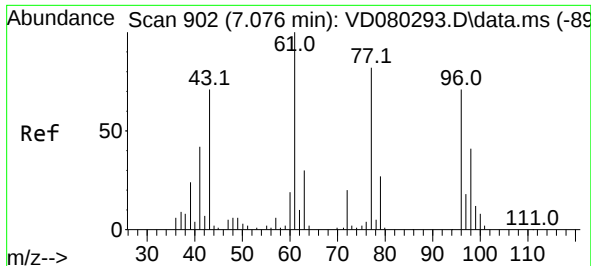
Tgt Ion: 43 Resp: 34951
Ion Ratio Lower Upper
43 100
72 32.1 22.3 33.5



#26
2,2-Dichloropropane
Concen: 19.075 ug/l
RT: 7.070 min Scan# 901
Delta R.T. -0.005 min
Lab File: VD080340.D
Acq: 15 May 2025 11:21

Tgt Ion: 77 Resp: 40922
Ion Ratio Lower Upper
77 100
97 25.6 11.9 35.9



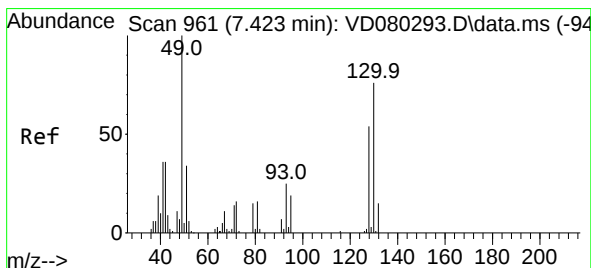
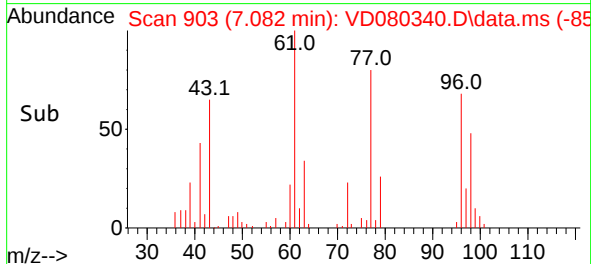
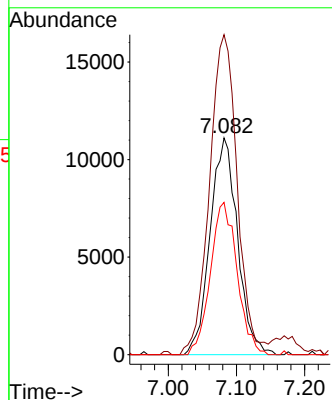
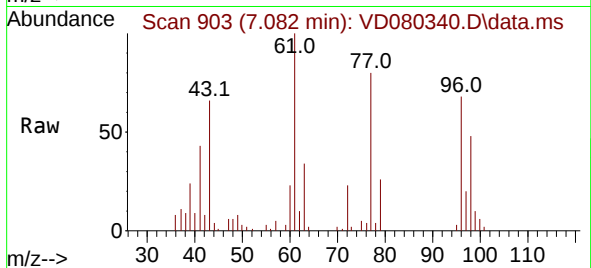


#27
 cis-1,2-Dichloroethene
 Concen: 19.571 ug/l
 RT: 7.082 min Scan# 902
 Delta R.T. 0.001 min
 Lab File: VD080340.D
 Acq: 15 May 2025 11:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0515SBS01

Tgt Ion: 96 Resp: 31152

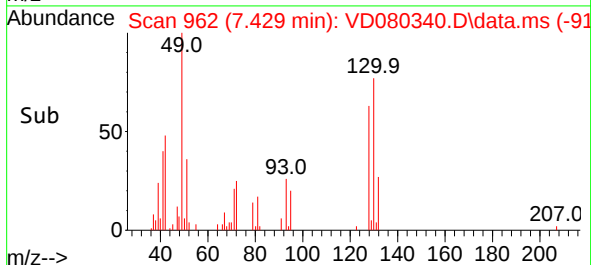
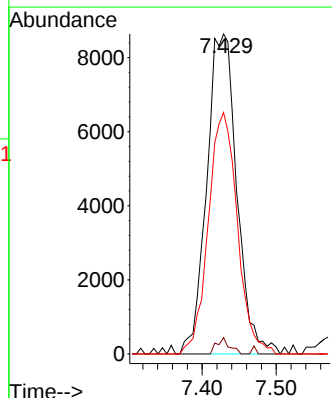
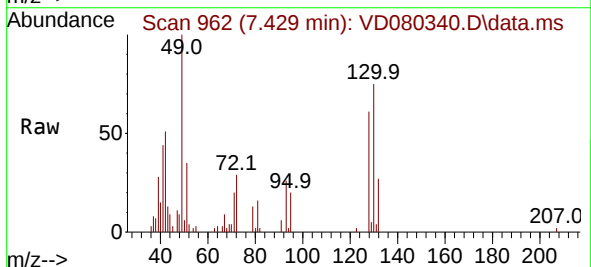
Ion	Ratio	Lower	Upper
96	100		
61	149.1	0.0	278.2
98	68.3	0.0	127.8

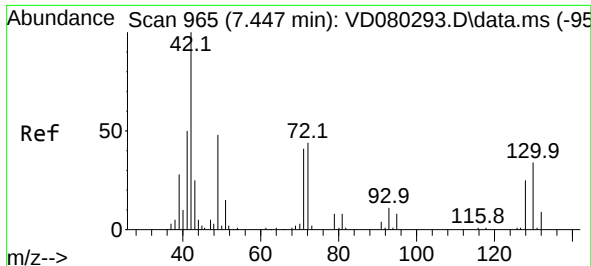


#28
 Bromochloromethane
 Concen: 19.450 ug/l
 RT: 7.429 min Scan# 962
 Delta R.T. 0.001 min
 Lab File: VD080340.D
 Acq: 15 May 2025 11:21

Tgt Ion: 49 Resp: 24416

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	2.2
130	72.7	64.6	97.0





#29

Tetrahydrofuran

Concen: 89.983 ug/l

RT: 7.452 min Scan# 90

Delta R.T. 0.006 min

Lab File: VD080340.D

Acq: 15 May 2025 11:21

Instrument :

MSVOA_D

ClientSampleId :

VD0515SBS01

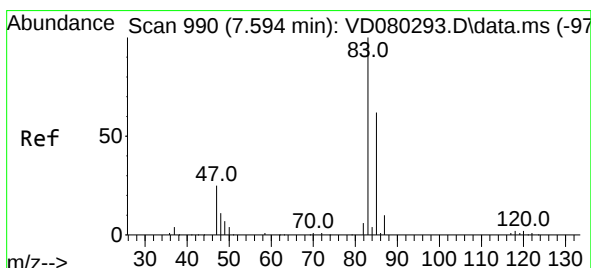
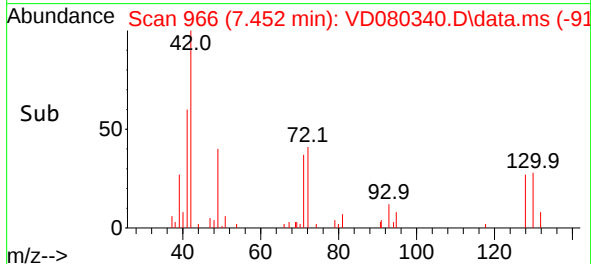
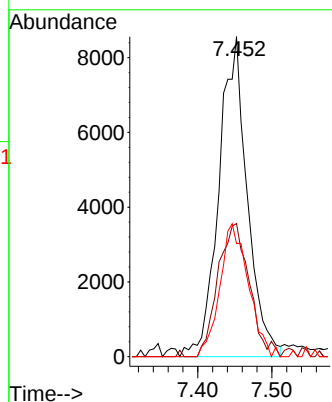
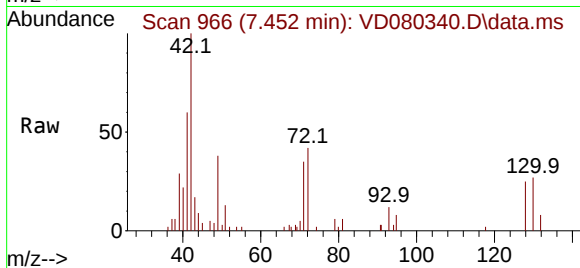
Tgt Ion: 42 Resp: 22800

Ion Ratio Lower Upper

42 100

72 45.9 36.7 55.1

71 41.8 34.4 51.6



#30

Chloroform

Concen: 20.763 ug/l

RT: 7.594 min Scan# 990

Delta R.T. -0.005 min

Lab File: VD080340.D

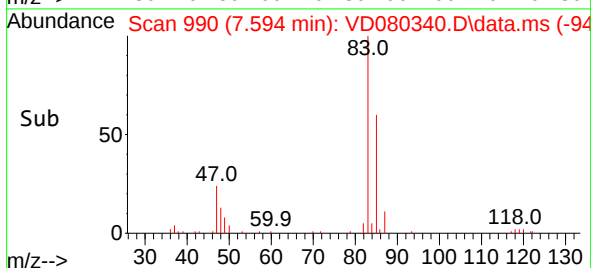
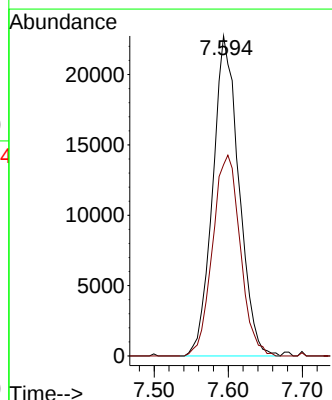
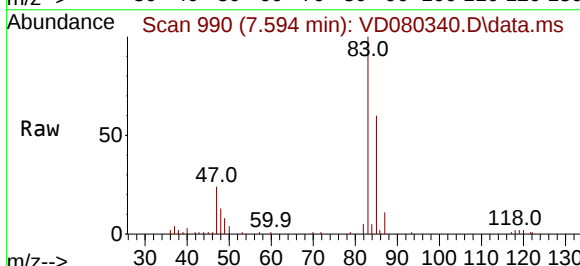
Acq: 15 May 2025 11:21

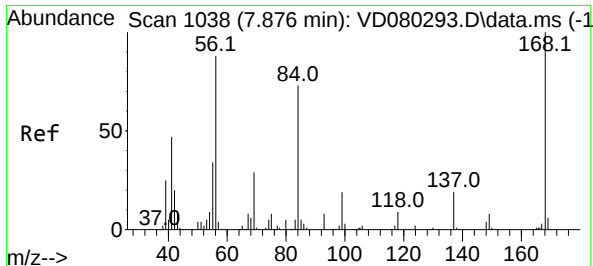
Tgt Ion: 83 Resp: 55822

Ion Ratio Lower Upper

83 100

85 59.7 50.8 76.2





#31

Cyclohexane

Concen: 18.713 ug/l

RT: 7.882 min Scan# 1039

Delta R.T. 0.001 min

Lab File: VD080340.D

Acq: 15 May 2025 11:21

Instrument :

MSVOA_D

ClientSampleId :

VD0515SBS01

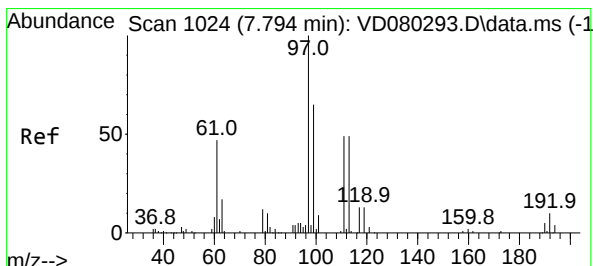
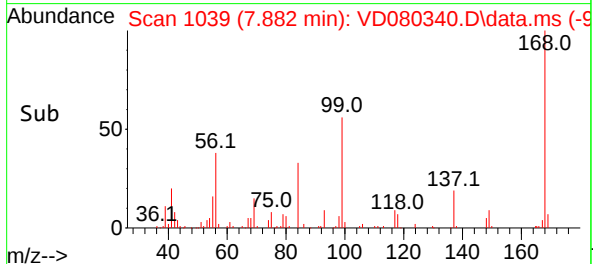
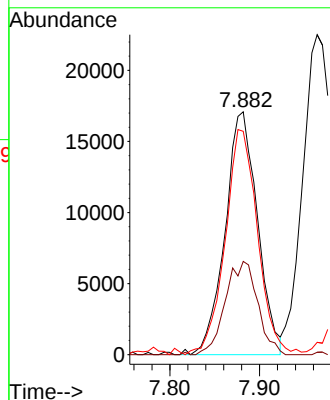
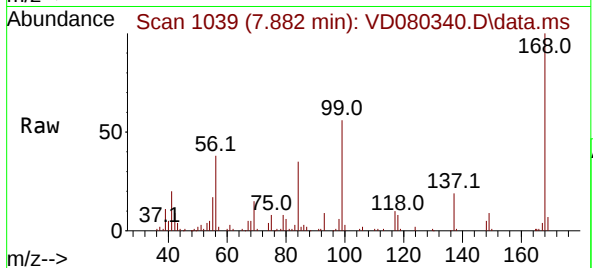
Tgt Ion: 56 Resp: 42938

Ion Ratio Lower Upper

56 100

69 38.4 27.3 40.9

84 90.8 70.2 105.4



#32

1,1,1-Trichloroethane

Concen: 21.019 ug/l

RT: 7.799 min Scan# 1025

Delta R.T. 0.006 min

Lab File: VD080340.D

Acq: 15 May 2025 11:21

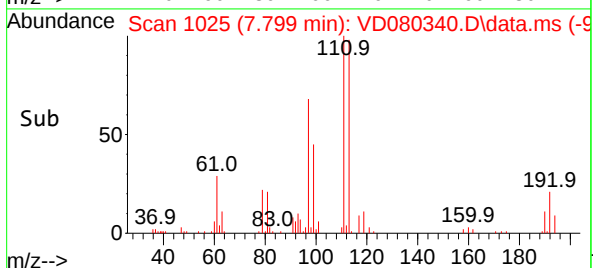
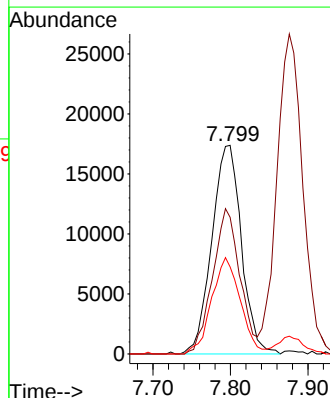
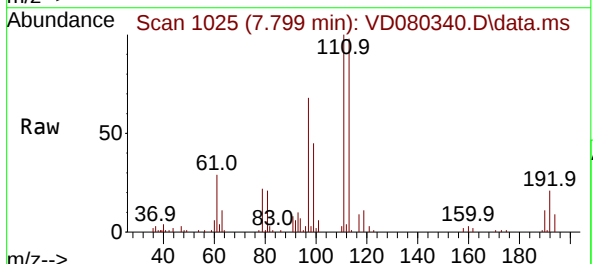
Tgt Ion: 97 Resp: 46106

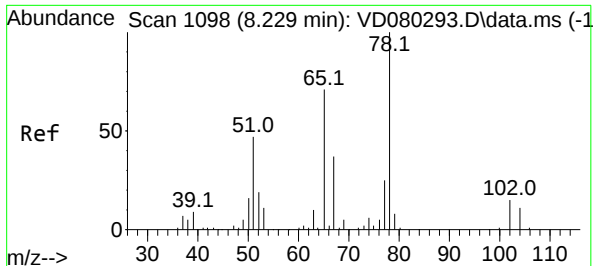
Ion Ratio Lower Upper

97 100

99 64.6 50.7 76.1

61 44.9 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 50.599 ug/l

RT: 8.229 min Scan# 1109

Delta R.T. 0.001 min

Lab File: VD080340.D

Acq: 15 May 2025 11:21

Instrument :

MSVOA_D

ClientSampleId :

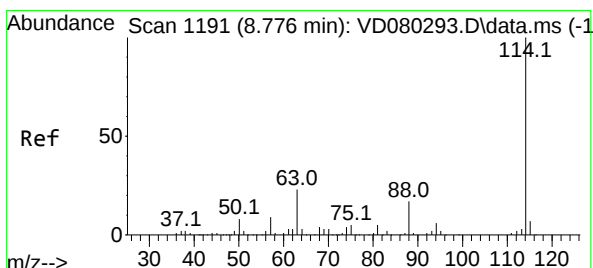
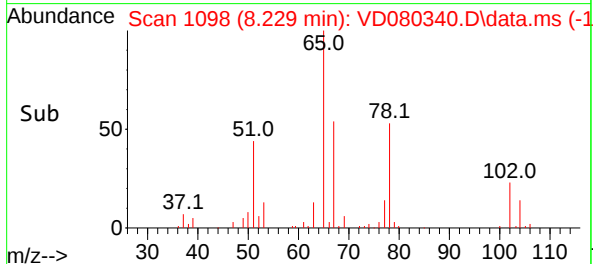
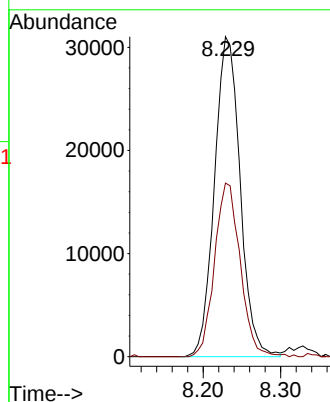
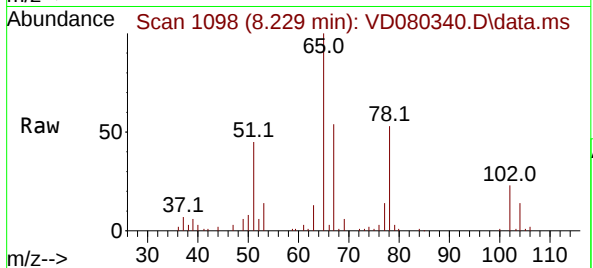
VD0515SBS01

Tgt Ion: 65 Resp: 71465

Ion Ratio Lower Upper

65 100

67 54.3 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: VD080340.D

Acq: 15 May 2025 11:21

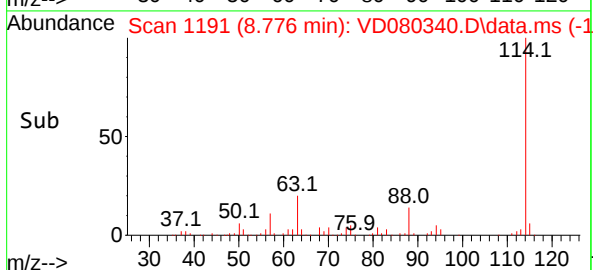
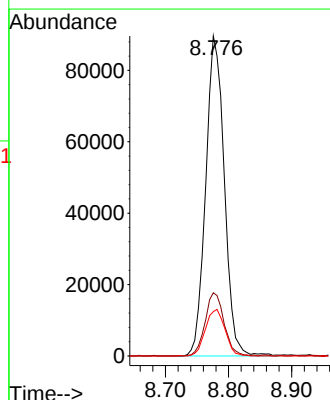
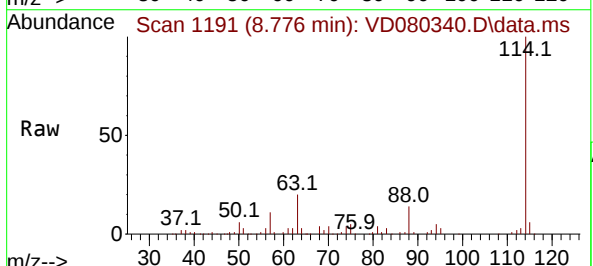
Tgt Ion:114 Resp: 183688

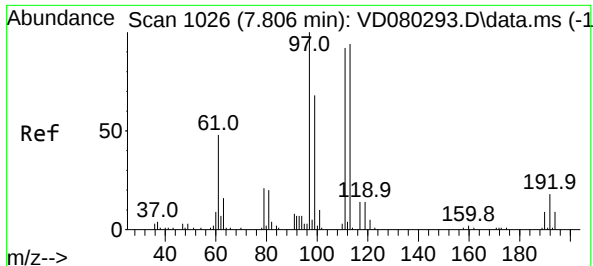
Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.8

88 13.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 55.023 ug/l

RT: 7.811 min Scan# 1027

Delta R.T. 0.006 min

Lab File: VD080340.D

Acq: 15 May 2025 11:21

Instrument :

MSVOA_D

ClientSampleId :

VD0515SBS01

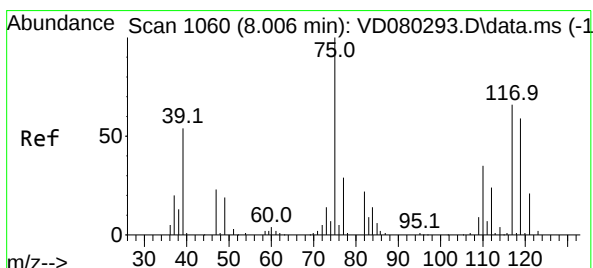
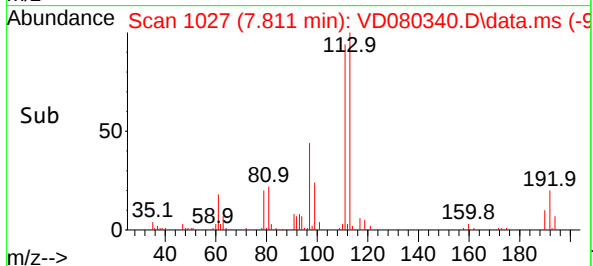
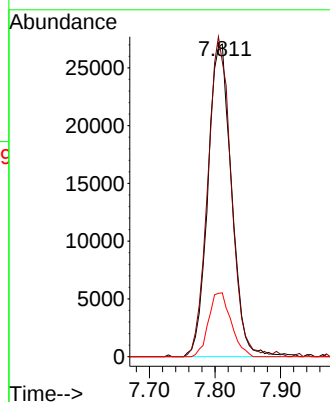
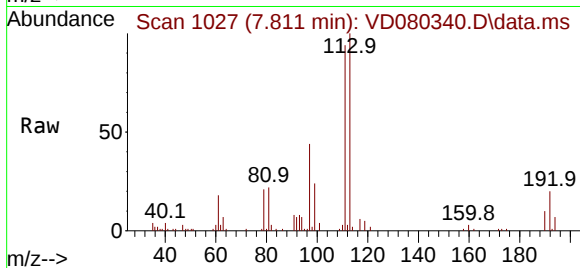
Tgt Ion:113 Resp: 67741

Ion Ratio Lower Upper

113 100

111 101.2 82.5 123.7

192 19.5 16.6 25.0



#36

1,1-Dichloropropene

Concen: 20.452 ug/l

RT: 8.011 min Scan# 1061

Delta R.T. 0.006 min

Lab File: VD080340.D

Acq: 15 May 2025 11:21

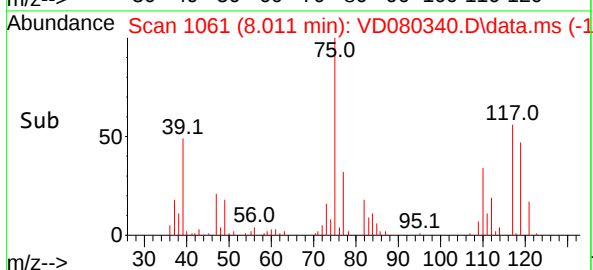
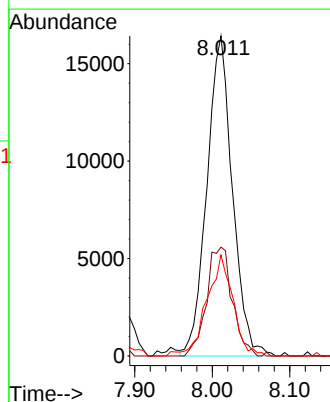
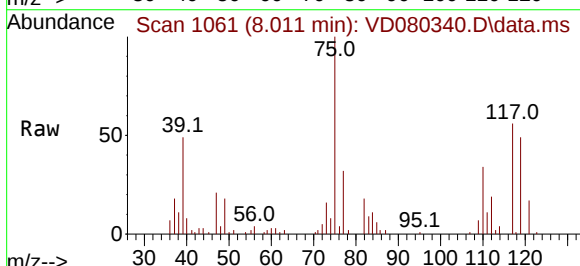
Tgt Ion: 75 Resp: 37631

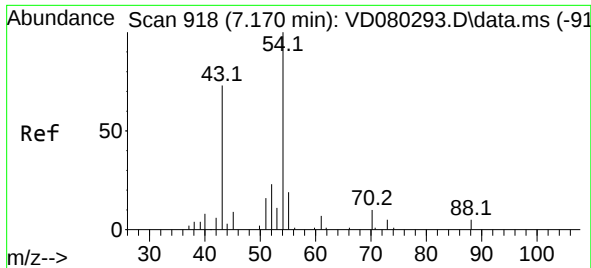
Ion Ratio Lower Upper

75 100

110 34.2 18.4 55.0

77 32.2 25.6 38.4

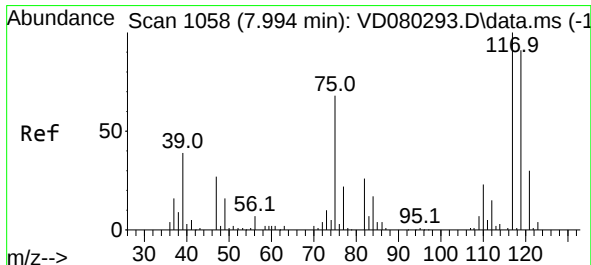
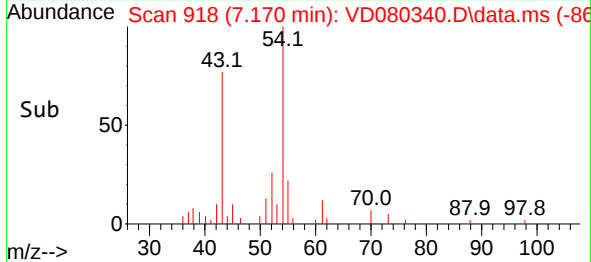
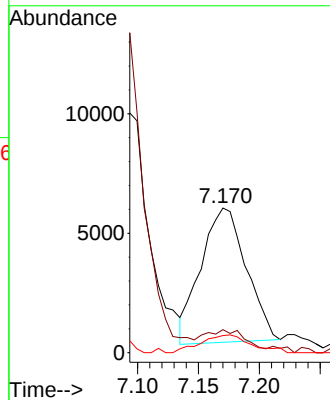
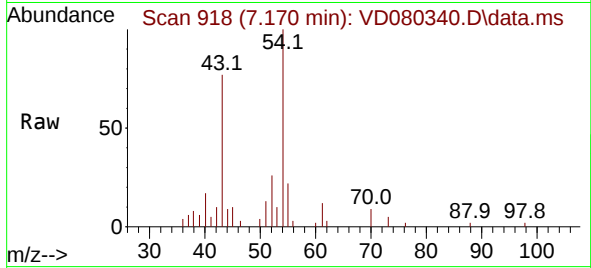




#37
Ethyl Acetate
Concen: 15.149 ug/l
RT: 7.170 min Scan# 918
Delta R.T. 0.001 min
Lab File: VD080340.D
Acq: 15 May 2025 11:21

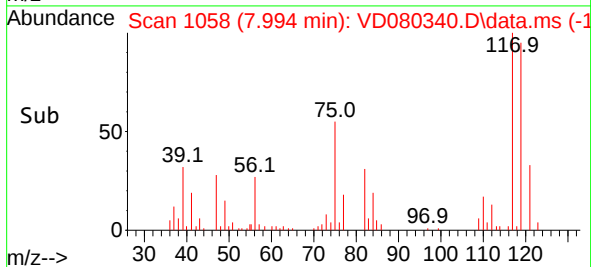
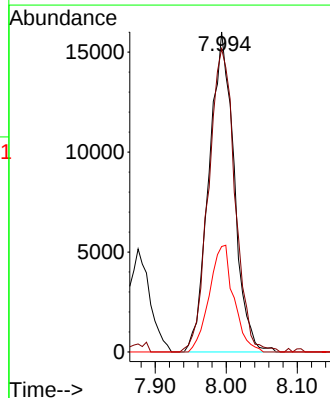
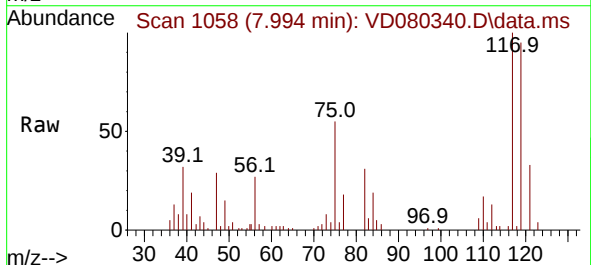
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBS01

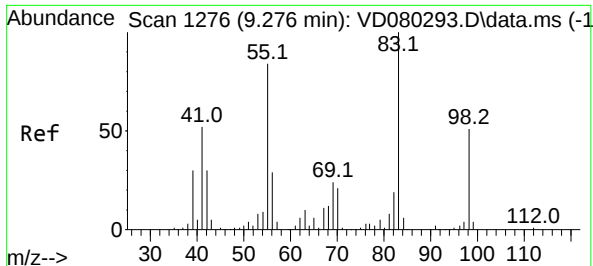
Tgt Ion: 43 Resp: 14576
Ion Ratio Lower Upper
43 100
61 12.2 11.0 16.4
70 14.5 9.4 14.2#



#38
Carbon Tetrachloride
Concen: 20.486 ug/l
RT: 7.994 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD080340.D
Acq: 15 May 2025 11:21

Tgt Ion: 117 Resp: 39310
Ion Ratio Lower Upper
117 100
119 94.7 73.4 110.0
121 32.9 24.5 36.7





#39

Methylcyclohexane

Concen: 19.126 ug/l

RT: 9.276 min Scan# 1102

Delta R.T. 0.001 min

Lab File: VD080340.D

Acq: 15 May 2025 11:21

Instrument :

MSVOA_D

ClientSampleId :

VD0515SBS01

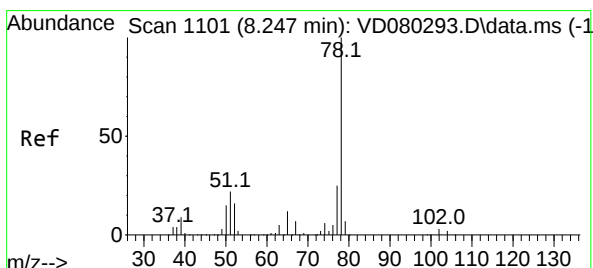
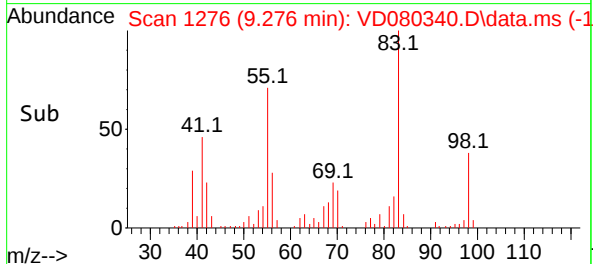
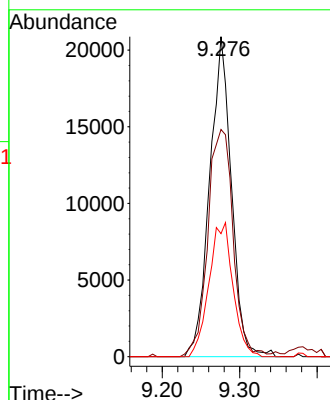
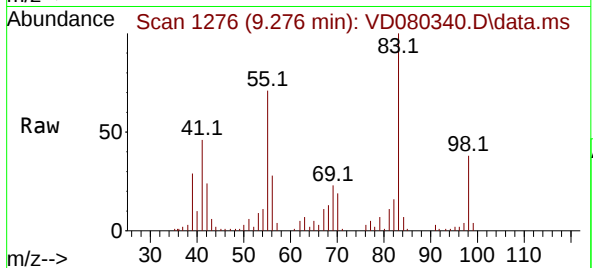
Tgt Ion: 83 Resp: 40835

Ion Ratio Lower Upper

83 100

55 71.0 62.0 93.0

98 38.4 38.7 58.1#



#40

Benzene

Concen: 20.715 ug/l

RT: 8.252 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VD080340.D

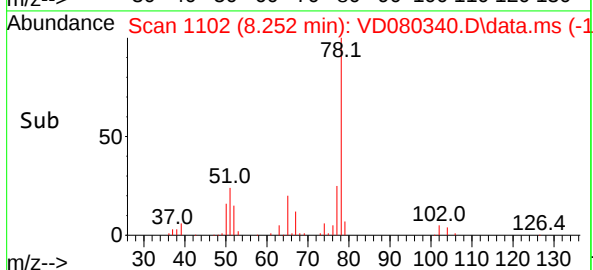
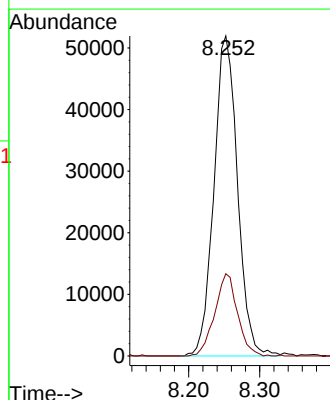
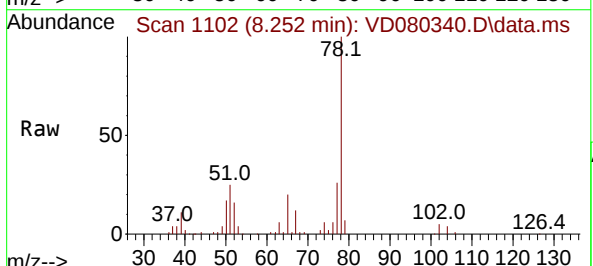
Acq: 15 May 2025 11:21

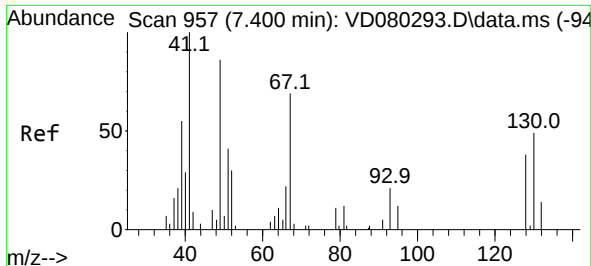
Tgt Ion: 78 Resp: 119426

Ion Ratio Lower Upper

78 100

77 25.7 20.2 30.4

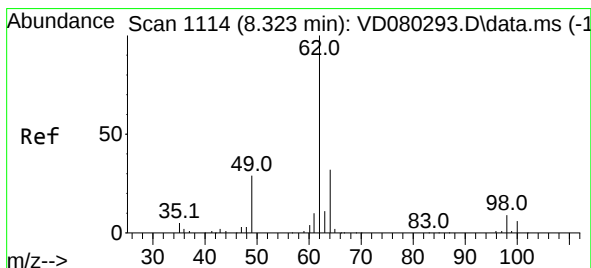
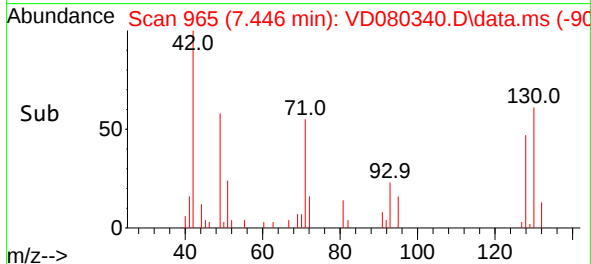
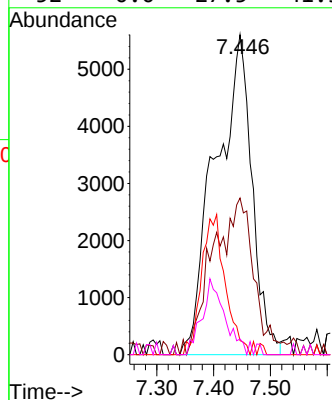
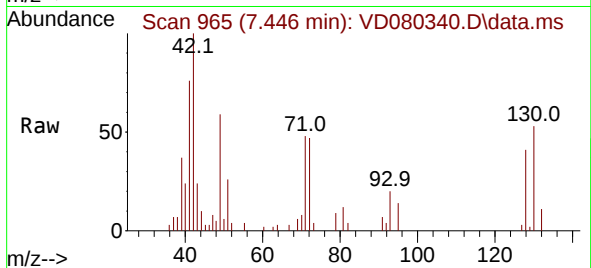




#41
Methacrylonitrile
Concen: 47.037 ug/l
RT: 7.446 min Scan# 911
Delta R.T. 0.047 min
Lab File: VD080340.D
Acq: 15 May 2025 11:21

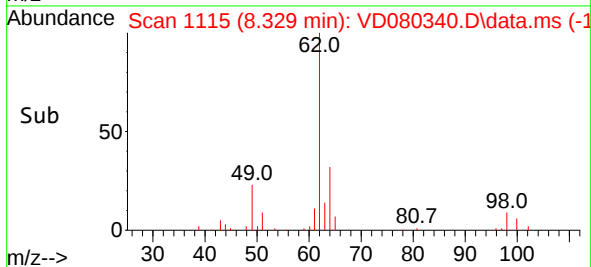
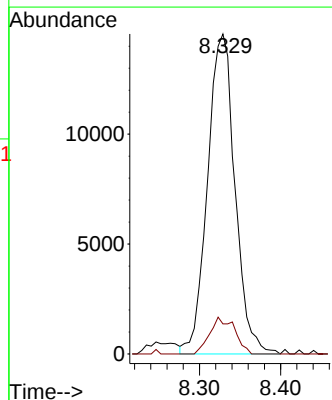
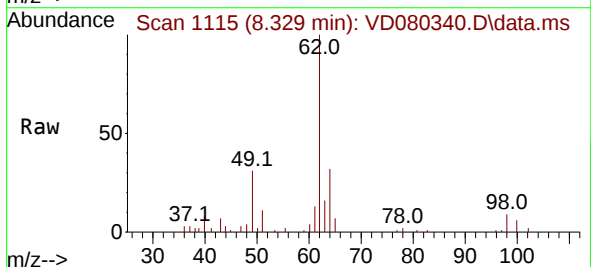
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBS01

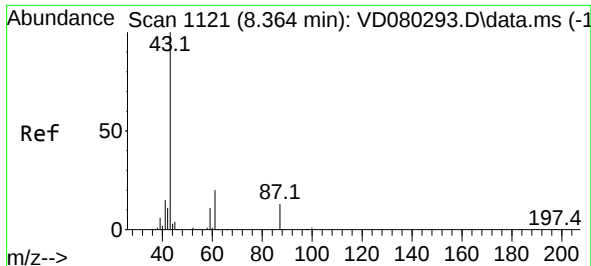
Tgt Ion: 41 Resp: 25045
Ion Ratio Lower Upper
41 100
39 31.9 47.8 71.8#
67 0.0 64.9 97.3#
52 0.0 27.5 41.3#



#42
1,2-Dichloroethane
Concen: 20.478 ug/l
RT: 8.329 min Scan# 1115
Delta R.T. 0.001 min
Lab File: VD080340.D
Acq: 15 May 2025 11:21

Tgt Ion: 62 Resp: 34210
Ion Ratio Lower Upper
62 100
98 10.4 0.0 19.8





#43

Isopropyl Acetate

Concen: 17.929 ug/l

RT: 8.364 min Scan# 1121

Delta R.T. 0.006 min

Lab File: VD080340.D

Acq: 15 May 2025 11:21

Instrument :

MSVOA_D

ClientSampleId :

VD0515SBS01

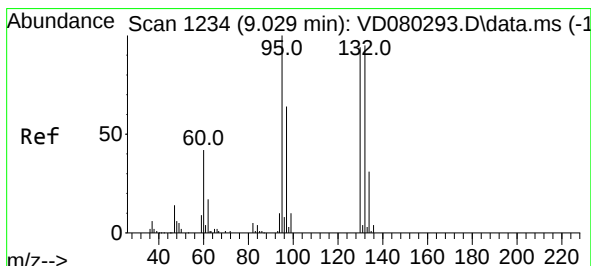
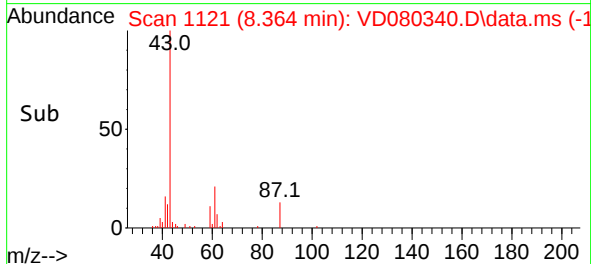
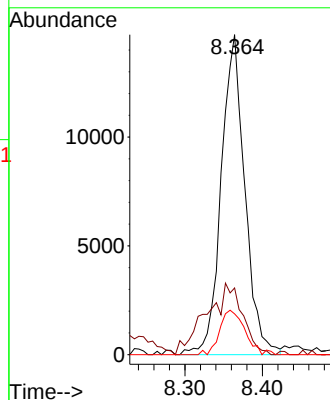
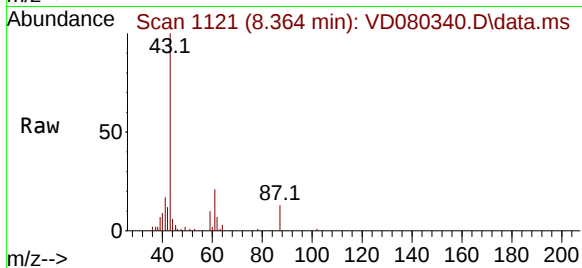
Tgt Ion: 43 Resp: 31280

Ion Ratio Lower Upper

43 100

61 34.2 26.2 39.2

87 14.8 11.8 17.8



#44

Trichloroethene

Concen: 21.333 ug/l

RT: 9.029 min Scan# 1234

Delta R.T. 0.001 min

Lab File: VD080340.D

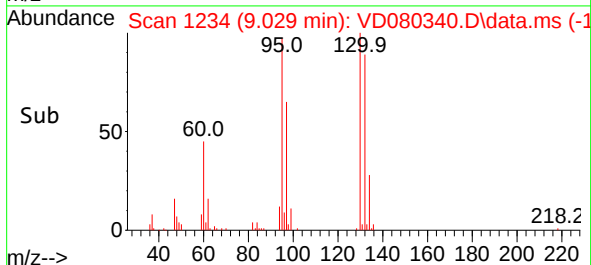
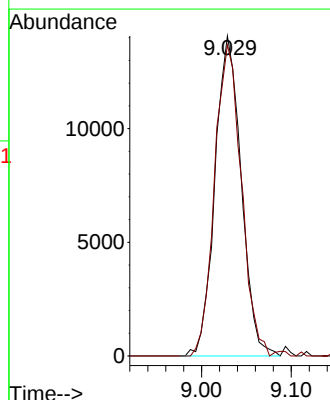
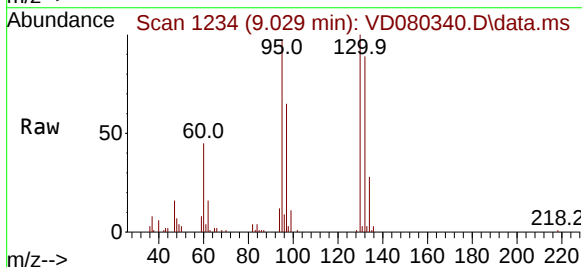
Acq: 15 May 2025 11:21

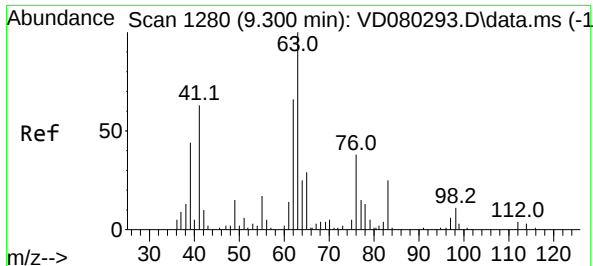
Tgt Ion:130 Resp: 28550

Ion Ratio Lower Upper

130 100

95 97.2 0.0 194.6





#45

1,2-Dichloropropane

Concen: 21.040 ug/l

RT: 9.305 min Scan# 1281

Delta R.T. 0.000 min

Lab File: VD080340.D

Acq: 15 May 2025 11:21

Instrument :

MSVOA_D

ClientSampleId :

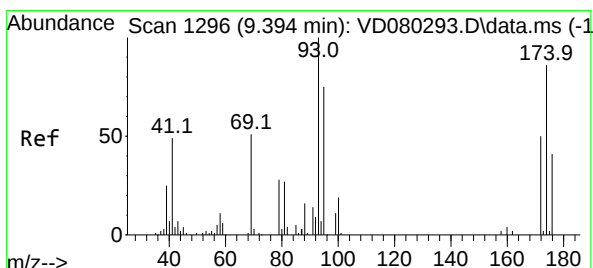
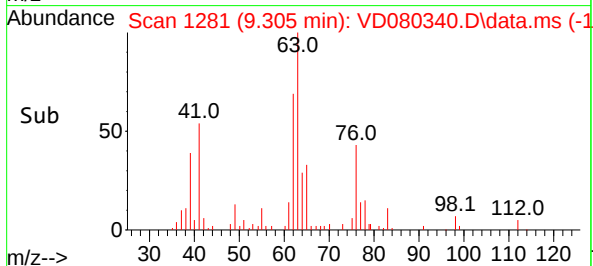
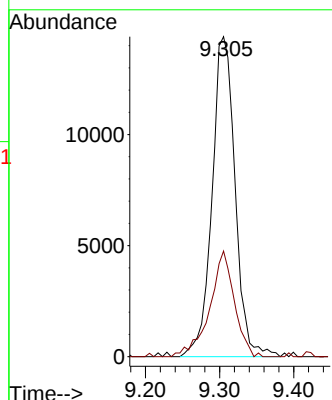
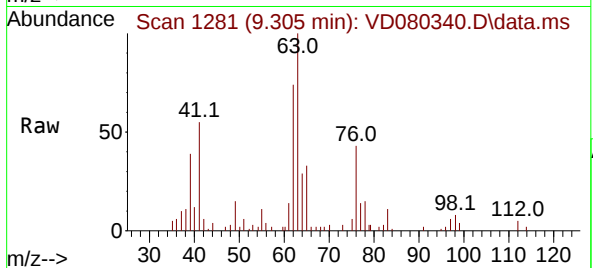
VD0515SBS01

Tgt Ion: 63 Resp: 31110

Ion Ratio Lower Upper

63 100

65 33.0 26.2 39.4



#46

Dibromomethane

Concen: 20.905 ug/l

RT: 9.399 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VD080340.D

Acq: 15 May 2025 11:21

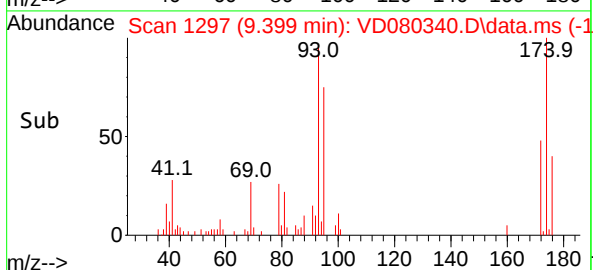
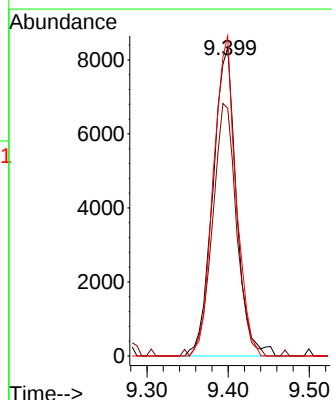
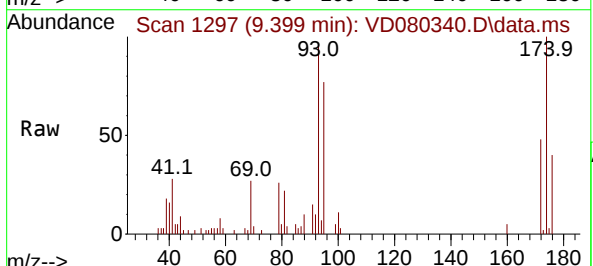
Tgt Ion: 93 Resp: 16829

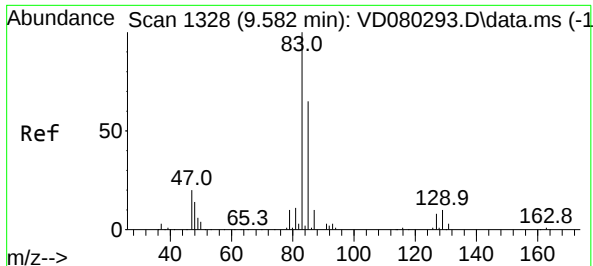
Ion Ratio Lower Upper

93 100

95 83.0 67.9 101.9

174 99.0 80.5 120.7

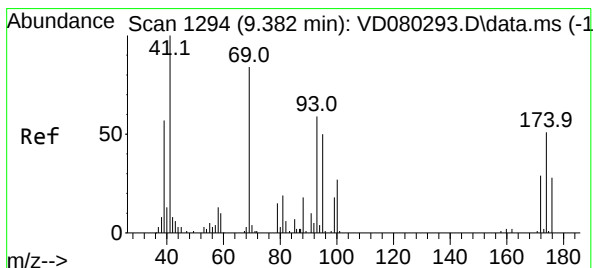
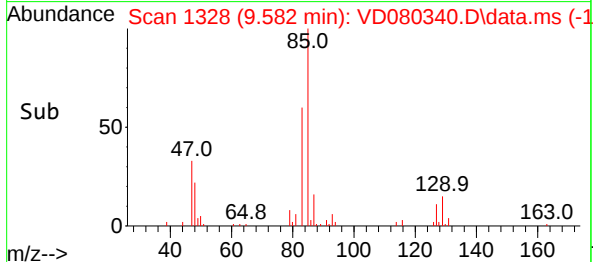
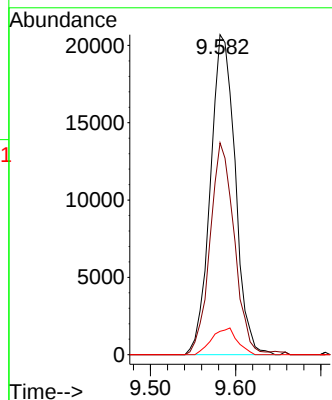
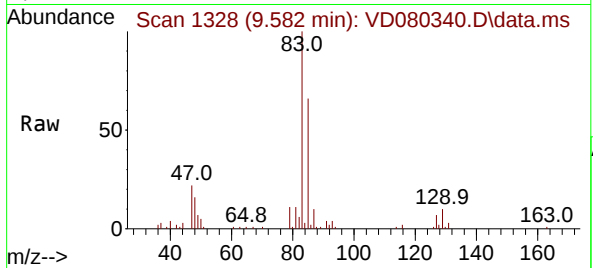




#47
Bromodichloromethane
Concen: 20.499 ug/l
RT: 9.582 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD080340.D
Acq: 15 May 2025 11:21

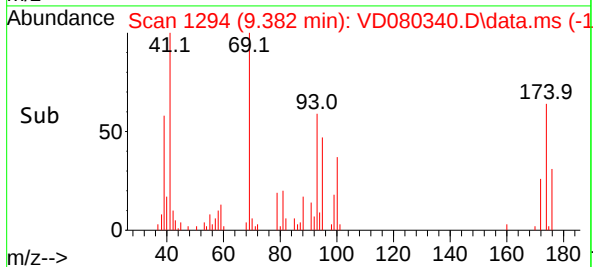
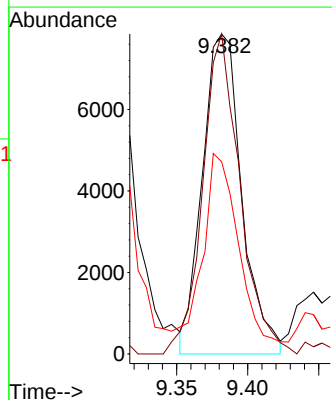
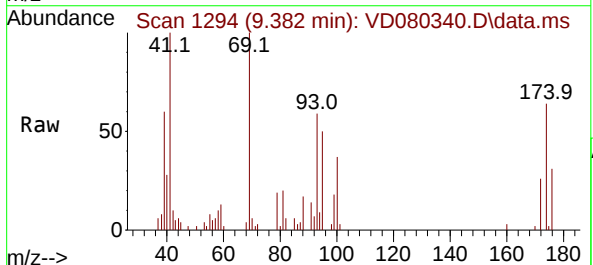
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBS01

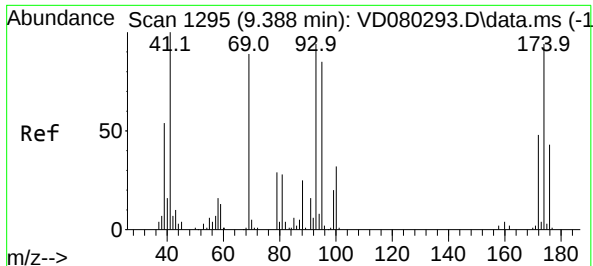
Tgt Ion: 83 Resp: 41885
Ion Ratio Lower Upper
83 100
85 66.2 50.6 75.8
127 7.3 6.1 9.1



#48
Methyl methacrylate
Concen: 18.254 ug/l
RT: 9.382 min Scan# 1294
Delta R.T. 0.001 min
Lab File: VD080340.D
Acq: 15 May 2025 11:21

Tgt Ion: 41 Resp: 15132
Ion Ratio Lower Upper
41 100
69 95.0 74.0 111.0
39 60.4 41.9 62.9





#49

1,4-Dioxane

Concen: 366.207 ug/l

RT: 9.393 min Scan# 1296

Delta R.T. 0.006 min

Lab File: VD080340.D

Acq: 15 May 2025 11:21

Instrument :

MSVOA_D

ClientSampleId :

VD0515SBS01

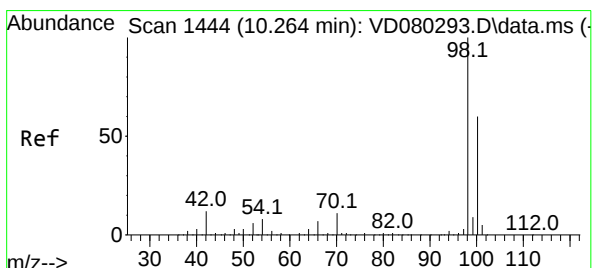
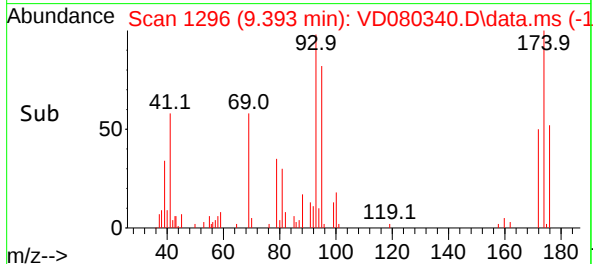
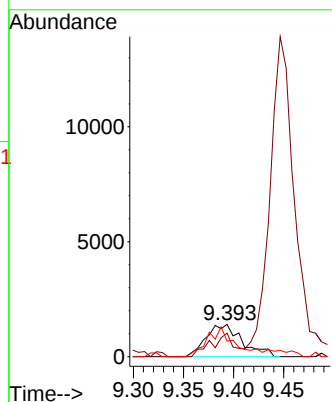
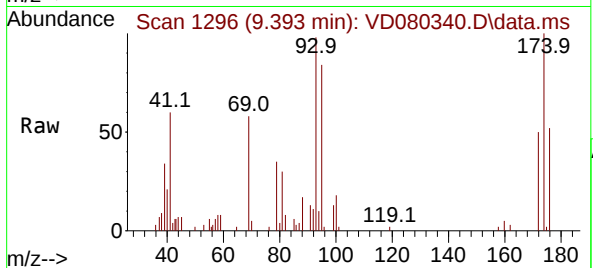
Tgt Ion: 88 Resp: 3505

Ion Ratio Lower Upper

88 100

43 47.6 29.1 43.7#

58 70.5 59.9 89.9



#50

Toluene-d8

Concen: 52.929 ug/l

RT: 10.270 min Scan# 1445

Delta R.T. 0.001 min

Lab File: VD080340.D

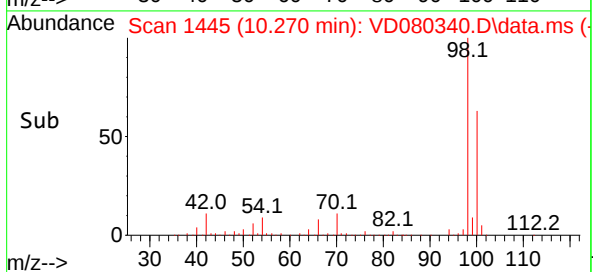
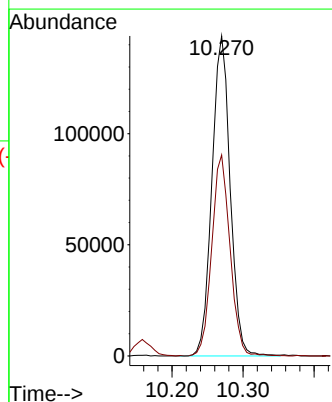
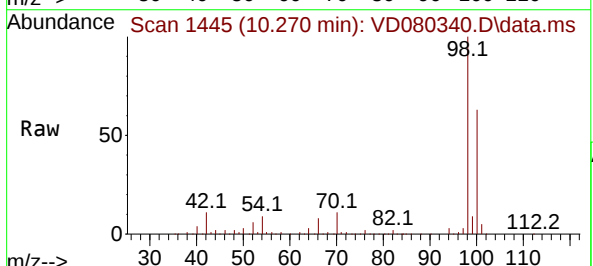
Acq: 15 May 2025 11:21

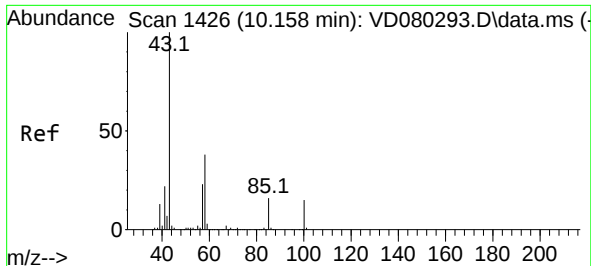
Tgt Ion: 98 Resp: 256751

Ion Ratio Lower Upper

98 100

100 62.9 50.2 75.4

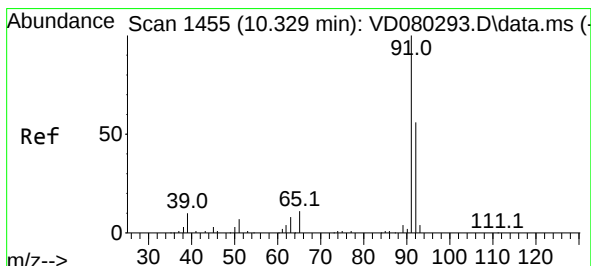
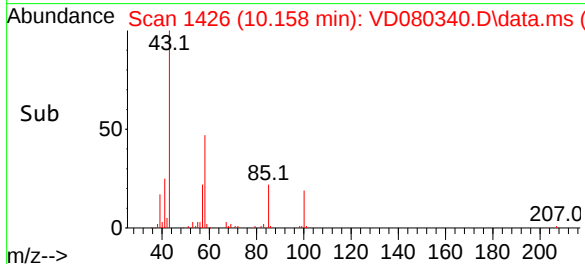
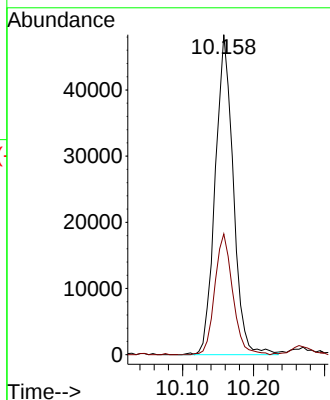
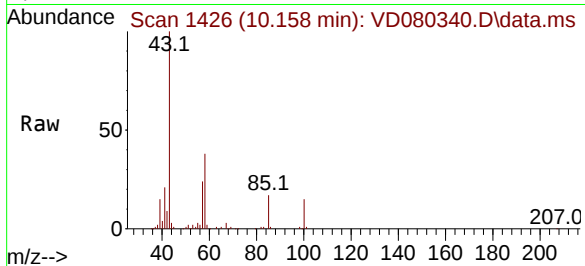




#51
4-Methyl-2-Pentanone
Concen: 94.843 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. 0.001 min
Lab File: VD080340.D
Acq: 15 May 2025 11:21

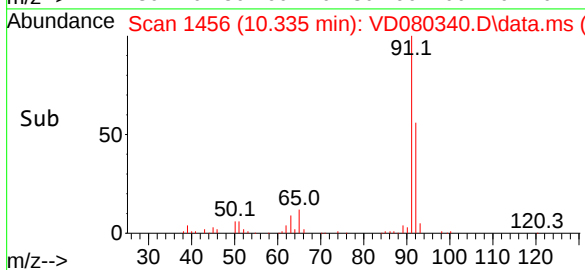
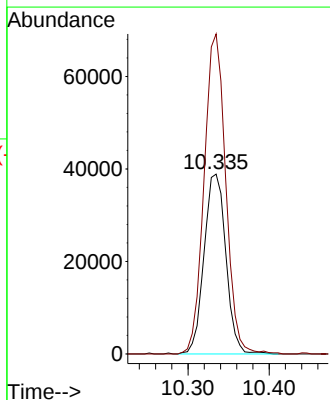
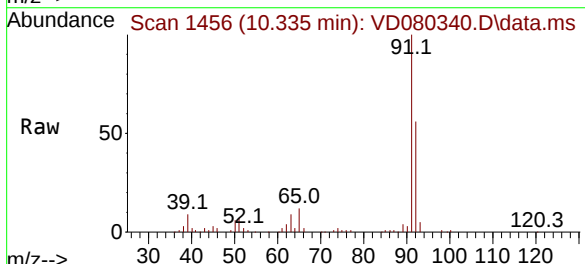
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBS01

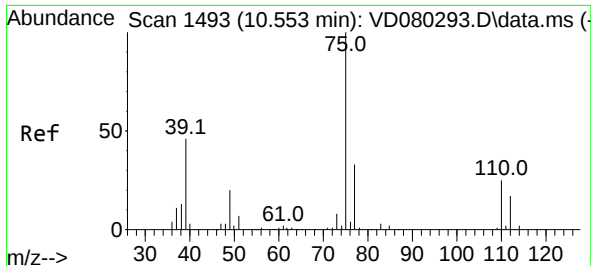
Tgt Ion: 43 Resp: 85260
Ion Ratio Lower Upper
43 100
58 37.5 32.8 49.2



#52
Toluene
Concen: 20.889 ug/l
RT: 10.335 min Scan# 1456
Delta R.T. 0.001 min
Lab File: VD080340.D
Acq: 15 May 2025 11:21

Tgt Ion: 92 Resp: 72554
Ion Ratio Lower Upper
92 100
91 176.7 139.3 208.9

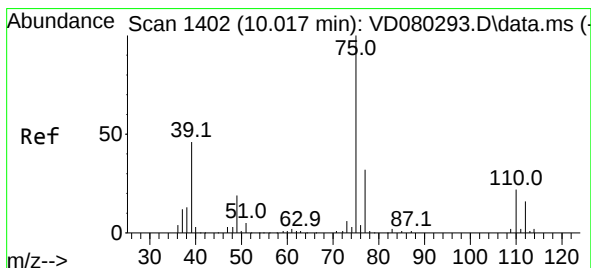
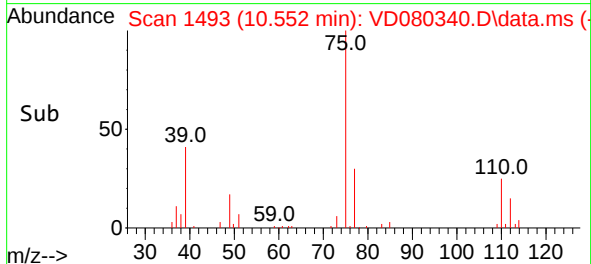
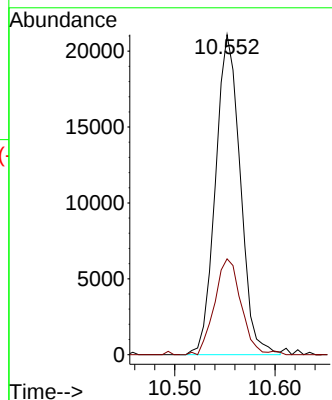
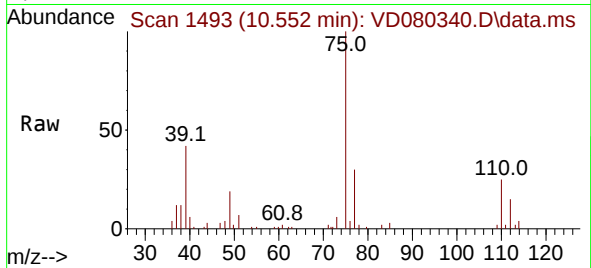




#53
t-1,3-Dichloropropene
Concen: 19.445 ug/l
RT: 10.552 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VD080340.D
Acq: 15 May 2025 11:21

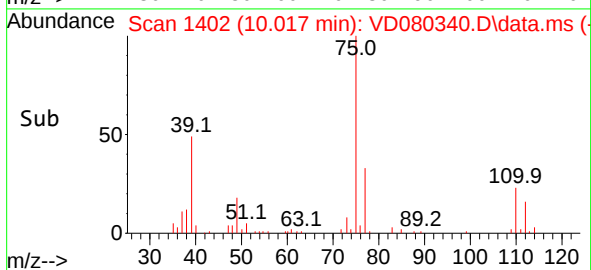
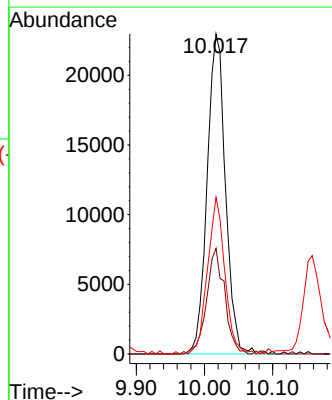
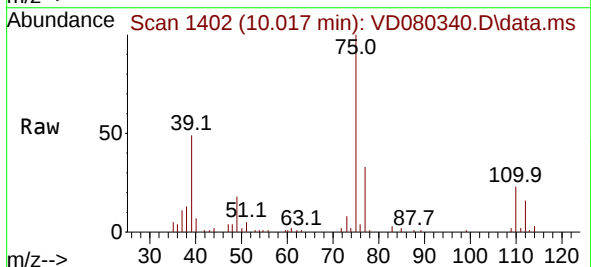
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBS01

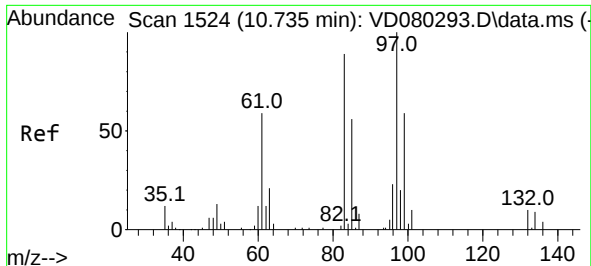
Tgt Ion: 75 Resp: 36222
Ion Ratio Lower Upper
75 100
77 29.9 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 19.953 ug/l
RT: 10.017 min Scan# 1402
Delta R.T. 0.001 min
Lab File: VD080340.D
Acq: 15 May 2025 11:21

Tgt Ion: 75 Resp: 43070
Ion Ratio Lower Upper
75 100
77 33.0 25.0 37.4
39 48.9 33.2 49.8

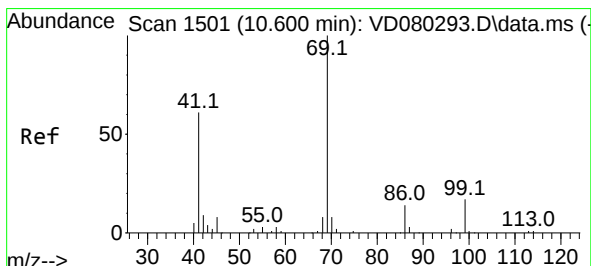
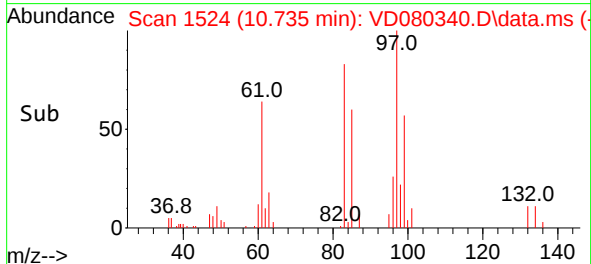
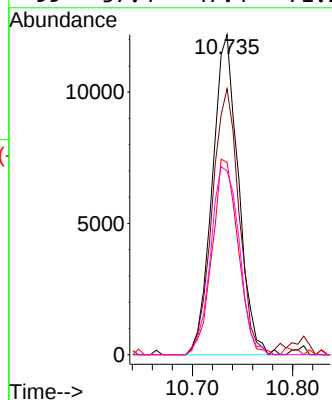
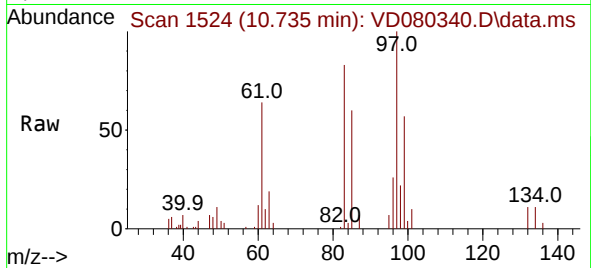




#55
1,1,2-Trichloroethane
Concen: 20.667 ug/l
RT: 10.735 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD080340.D
Acq: 15 May 2025 11:21

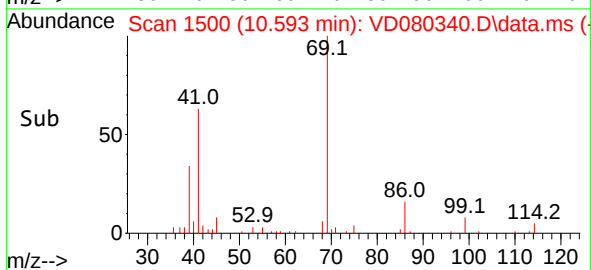
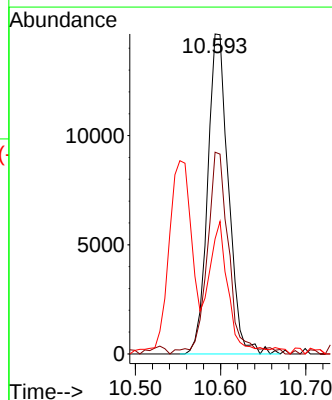
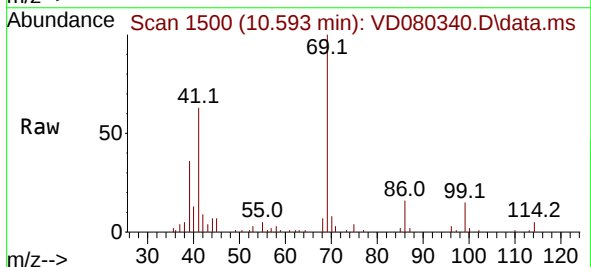
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBS01

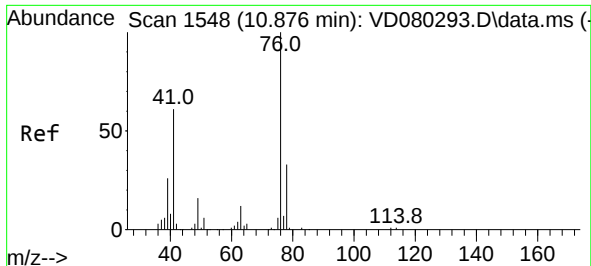
Tgt Ion: 97	Resp: 22007
Ion Ratio	Lower Upper
97 100	
83 83.1	69.2 103.8
85 60.1	43.0 64.6
99 57.4	47.4 71.2



#56
Ethyl methacrylate
Concen: 19.238 ug/l
RT: 10.593 min Scan# 1500
Delta R.T. -0.006 min
Lab File: VD080340.D
Acq: 15 May 2025 11:21

Tgt Ion: 69	Resp: 24823
Ion Ratio	Lower Upper
69 100	
41 64.4	50.4 75.6
39 35.1	26.0 39.0





#57

1,3-Dichloropropane

Concen: 20.847 ug/l

RT: 10.876 min Scan# 1548

Delta R.T. -0.005 min

Lab File: VD080340.D

Acq: 15 May 2025 11:21

Instrument :

MSVOA_D

ClientSampleId :

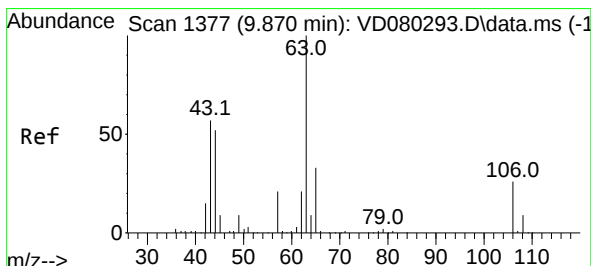
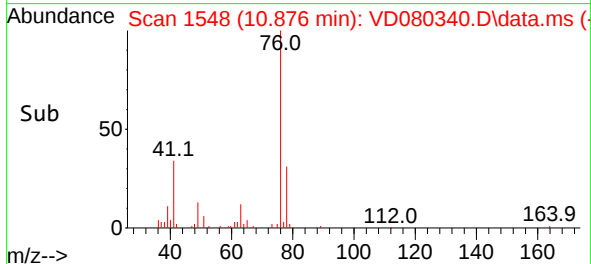
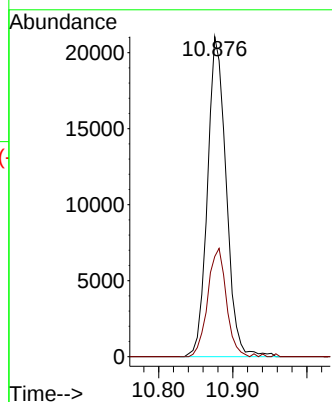
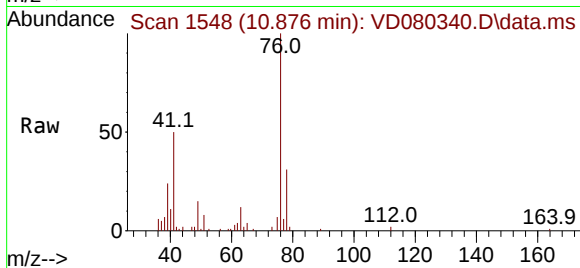
VD0515SBS01

Tgt Ion: 76 Resp: 36894

Ion Ratio Lower Upper

76 100

78 33.7 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 91.873 ug/l

RT: 9.870 min Scan# 1377

Delta R.T. 0.001 min

Lab File: VD080340.D

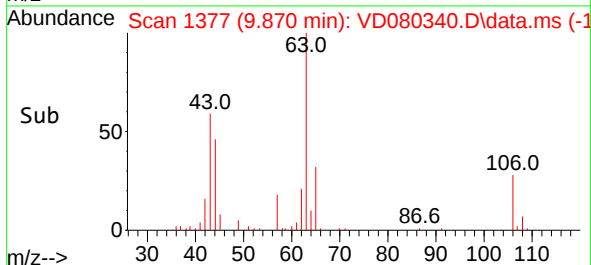
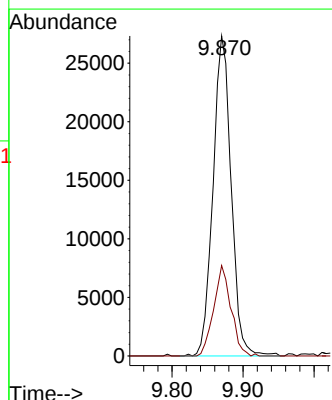
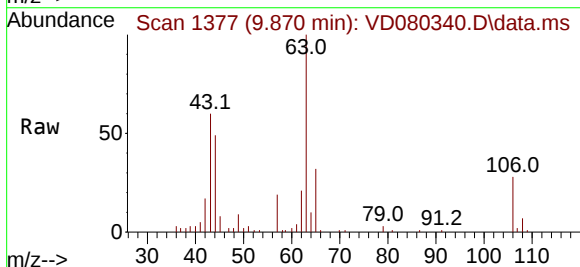
Acq: 15 May 2025 11:21

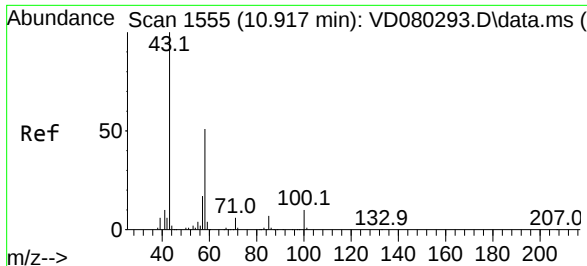
Tgt Ion: 63 Resp: 48515

Ion Ratio Lower Upper

63 100

106 26.9 21.8 32.6

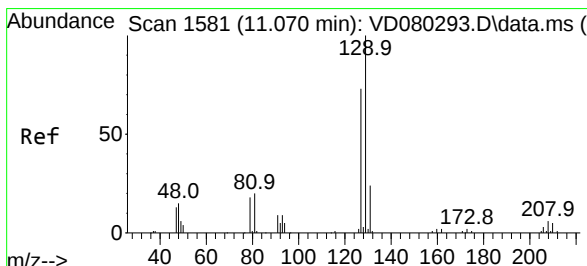
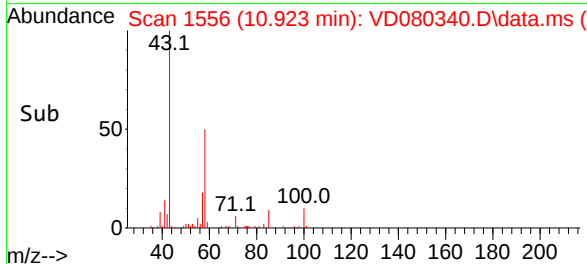
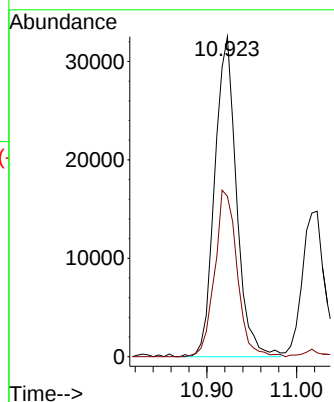
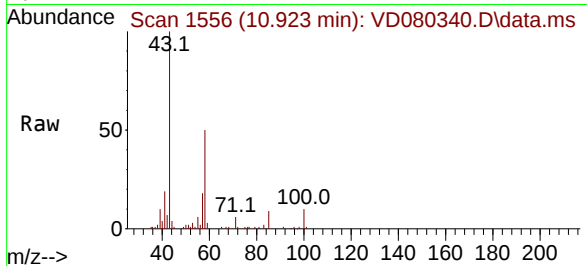




#59
2-Hexanone
Concen: 88.788 ug/l
RT: 10.923 min Scan# 1556
Delta R.T. 0.007 min
Lab File: VD080340.D
Acq: 15 May 2025 11:21

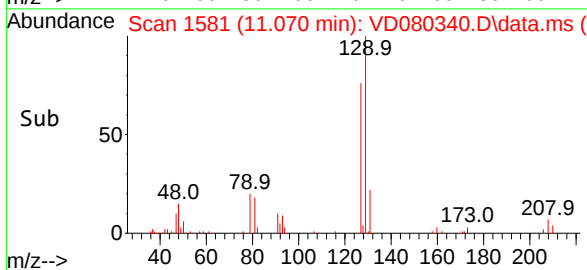
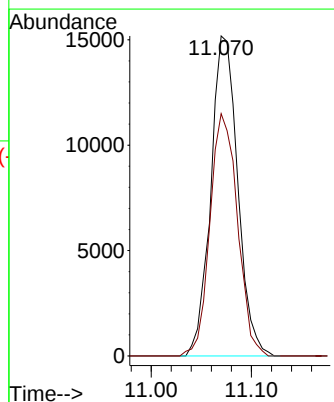
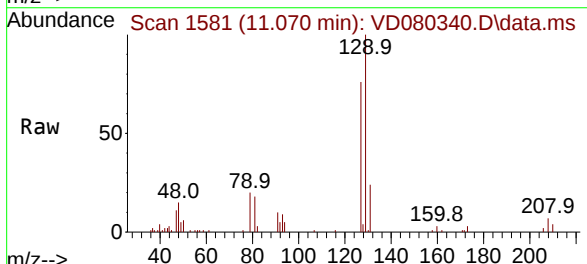
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBS01

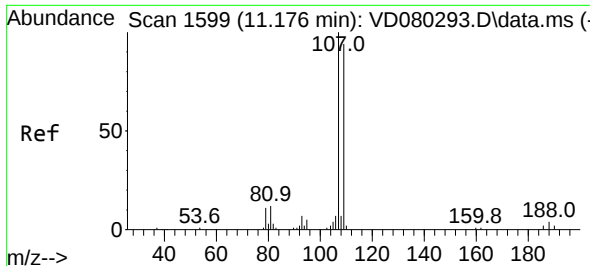
Tgt Ion: 43 Resp: 54906
Ion Ratio Lower Upper
43 100
58 53.4 27.8 83.4



#60
Dibromochloromethane
Concen: 21.222 ug/l
RT: 11.070 min Scan# 1581
Delta R.T. -0.005 min
Lab File: VD080340.D
Acq: 15 May 2025 11:21

Tgt Ion: 129 Resp: 28321
Ion Ratio Lower Upper
129 100
127 77.1 38.4 115.2

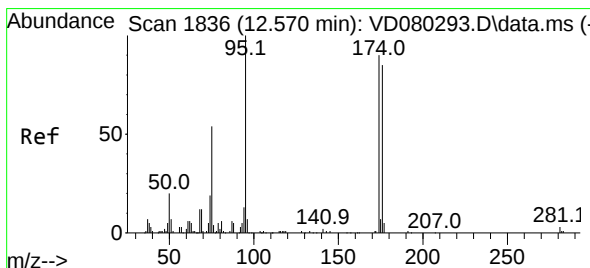
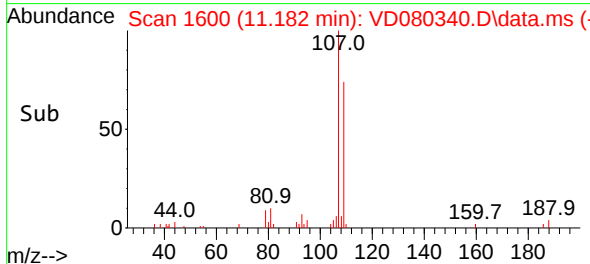
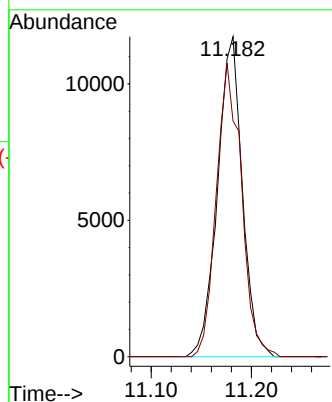
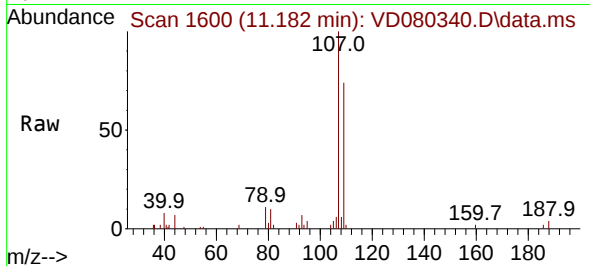




#61
1,2-Dibromoethane
Concen: 20.409 ug/l
RT: 11.182 min Scan# 1
Delta R.T. 0.001 min
Lab File: VD080340.D
Acq: 15 May 2025 11:21

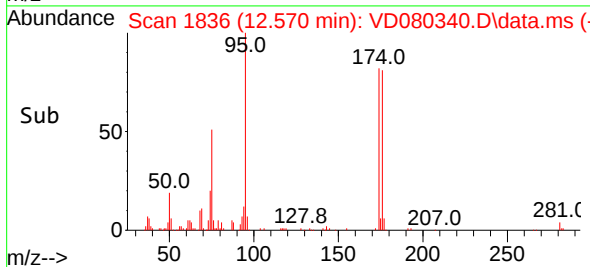
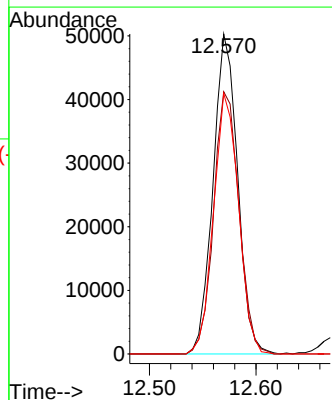
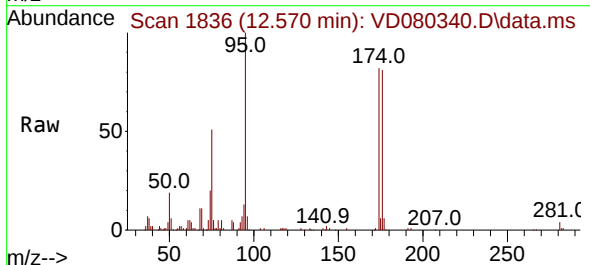
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBS01

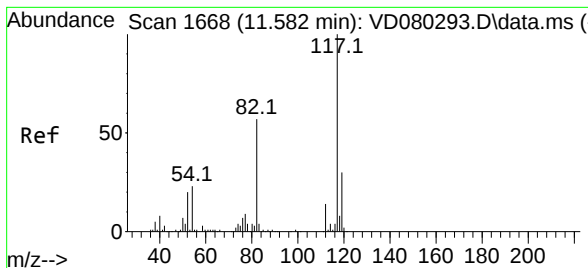
Tgt Ion:107 Resp: 20152
Ion Ratio Lower Upper
107 100
109 92.5 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 51.705 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.001 min
Lab File: VD080340.D
Acq: 15 May 2025 11:21

Tgt Ion: 95 Resp: 80503
Ion Ratio Lower Upper
95 100
174 84.8 0.0 173.4
176 82.9 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: VD080340.D

Acq: 15 May 2025 11:21

Instrument :

MSVOA_D

ClientSampleId :

VD0515SBS01

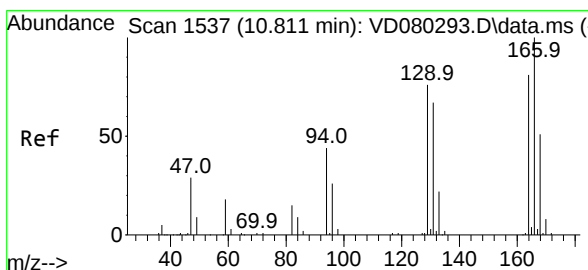
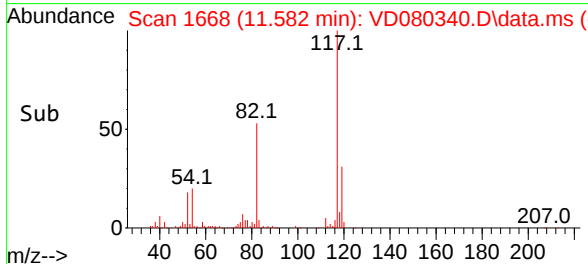
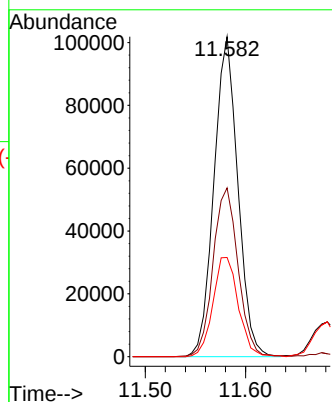
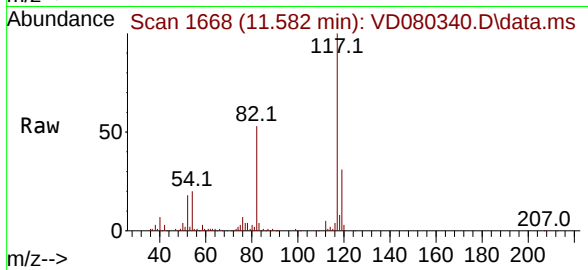
Tgt Ion:117 Resp: 168466

Ion Ratio Lower Upper

117 100

82 52.6 45.8 68.6

119 31.0 26.2 39.2



#64

Tetrachloroethene

Concen: 21.149 ug/l

RT: 10.811 min Scan# 1537

Delta R.T. 0.001 min

Lab File: VD080340.D

Acq: 15 May 2025 11:21

Tgt Ion:164 Resp: 24127

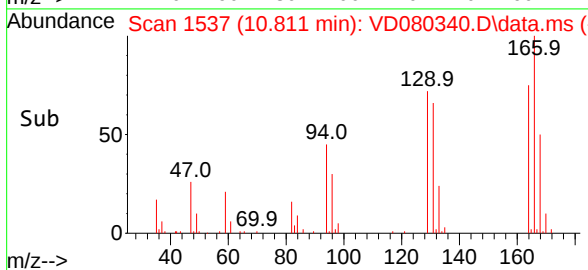
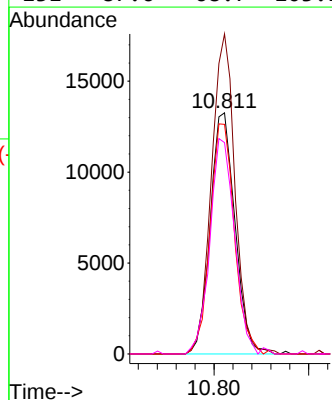
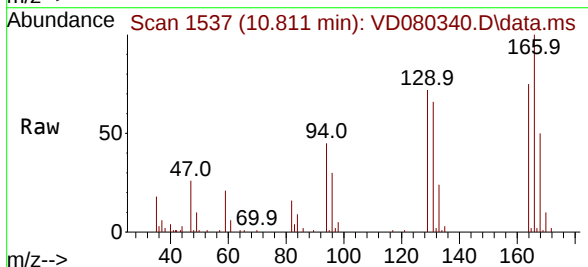
Ion Ratio Lower Upper

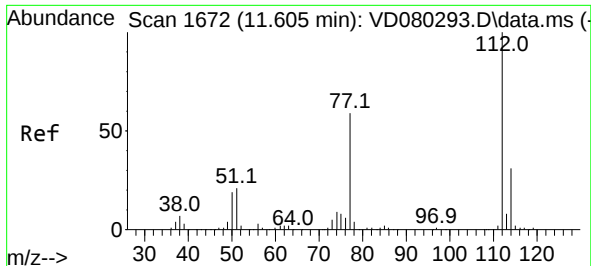
164 100

166 132.7 97.5 146.3

129 95.2 70.6 106.0

131 87.6 68.7 103.1

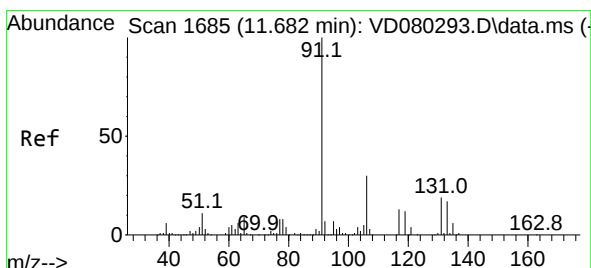
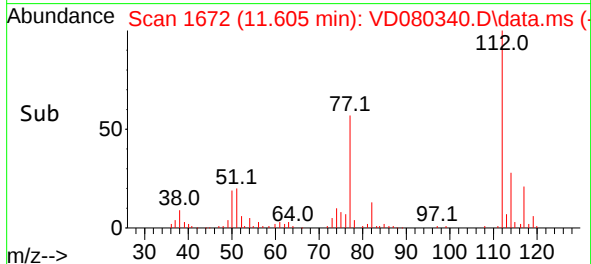
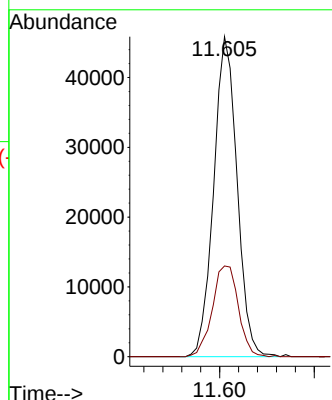
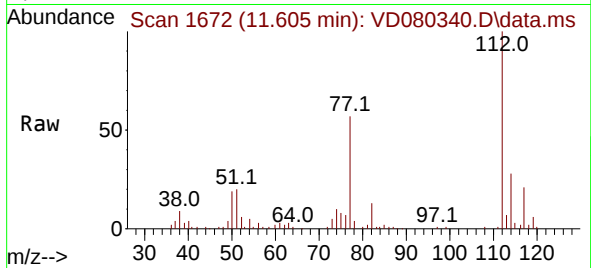




#65
Chlorobenzene
Concen: 20.660 ug/l
RT: 11.605 min Scan# 1672
Delta R.T. 0.001 min
Lab File: VD080340.D
Acq: 15 May 2025 11:21

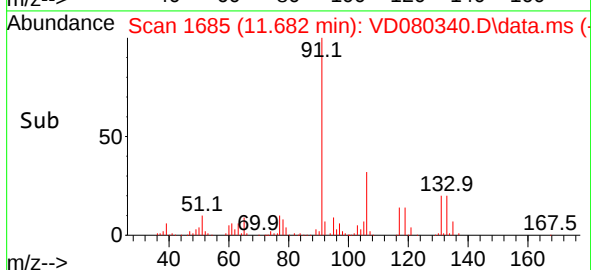
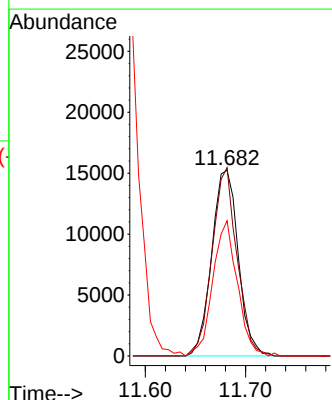
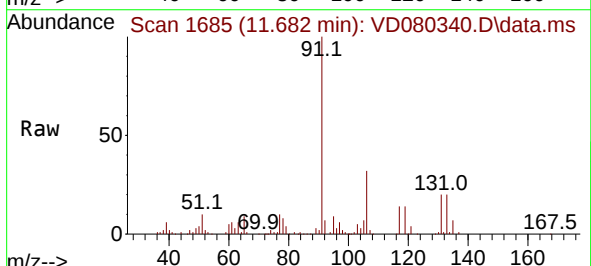
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBS01

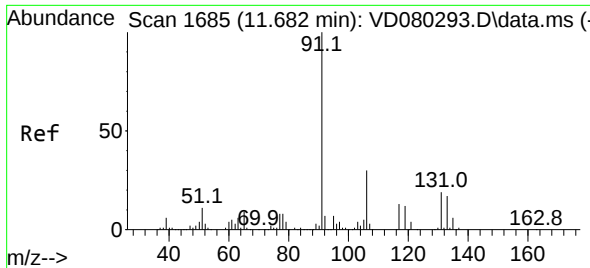
Tgt Ion:112 Resp: 78589
Ion Ratio Lower Upper
112 100
114 28.3 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 21.454 ug/l
RT: 11.682 min Scan# 1685
Delta R.T. 0.001 min
Lab File: VD080340.D
Acq: 15 May 2025 11:21

Tgt Ion:131 Resp: 28038
Ion Ratio Lower Upper
131 100
133 95.2 48.8 146.4
119 67.5 34.8 104.3

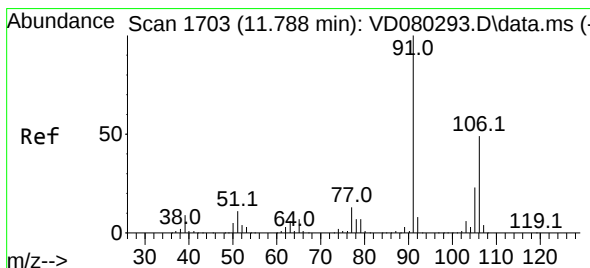
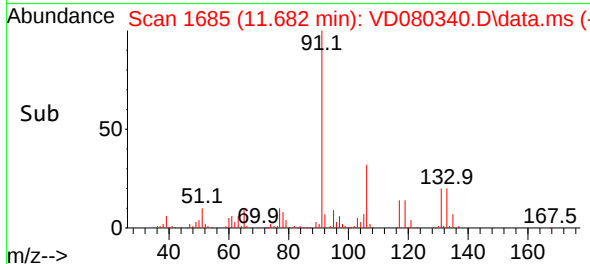
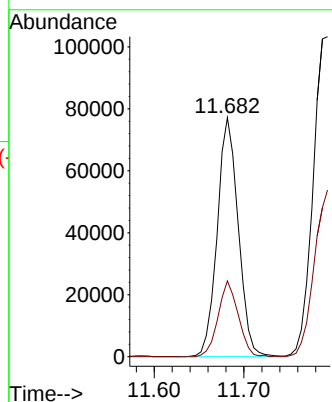
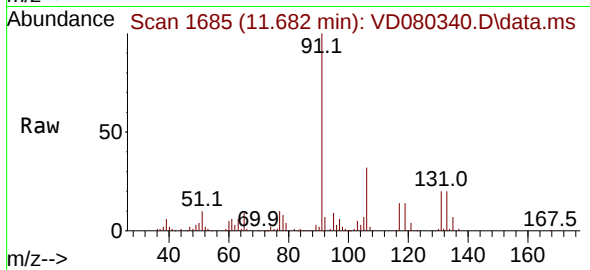




#67
Ethyl Benzene
Concen: 19.716 ug/l
RT: 11.682 min Scan# 1104
Delta R.T. 0.001 min
Lab File: VD080340.D
Acq: 15 May 2025 11:21

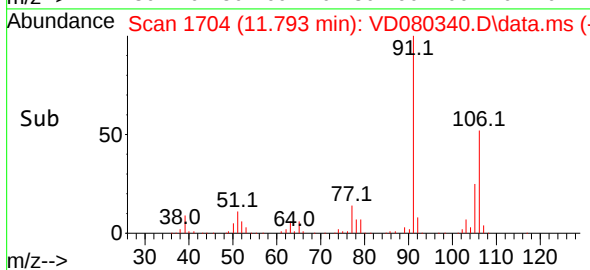
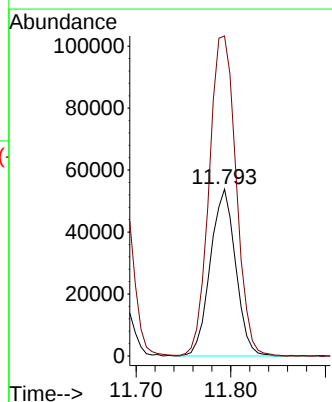
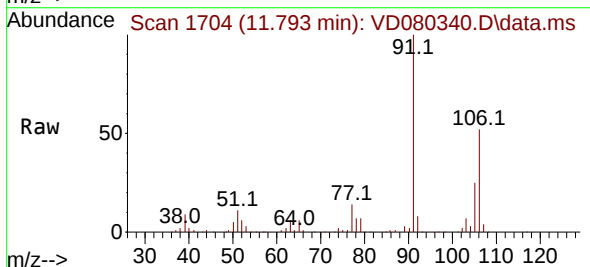
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBS01

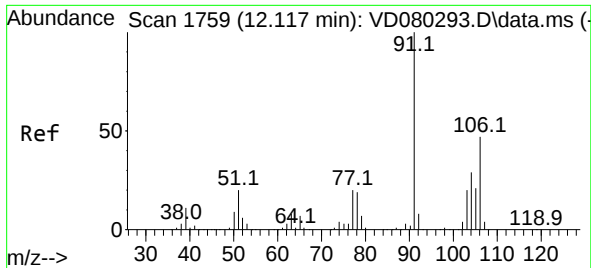
Tgt Ion: 91 Resp: 125328
Ion Ratio Lower Upper
91 100
106 31.7 23.6 35.4



#68
m/p-Xylenes
Concen: 40.465 ug/l
RT: 11.793 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD080340.D
Acq: 15 May 2025 11:21

Tgt Ion: 106 Resp: 99877
Ion Ratio Lower Upper
106 100
91 204.5 162.6 244.0

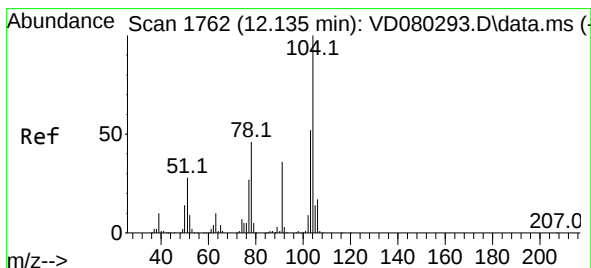
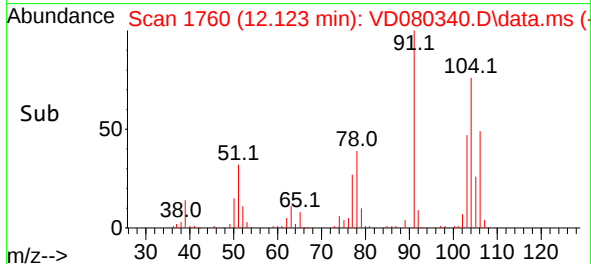
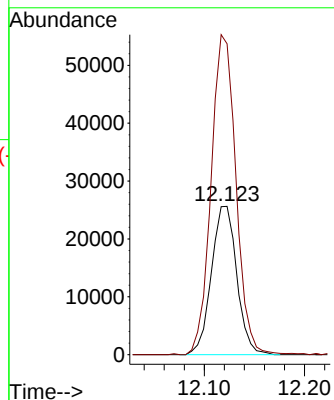
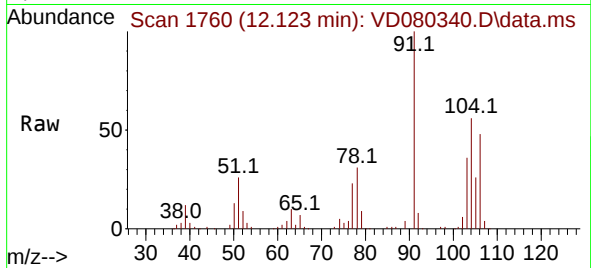




#69
o-Xylene
Concen: 19.988 ug/l
RT: 12.123 min Scan# 1759
Delta R.T. 0.007 min
Lab File: VD080340.D
Acq: 15 May 2025 11:21

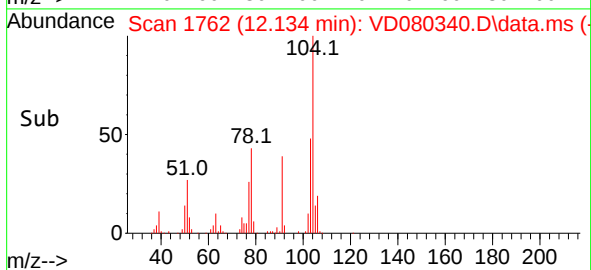
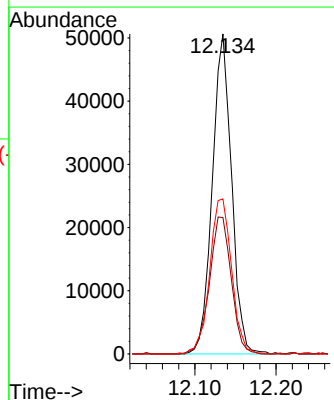
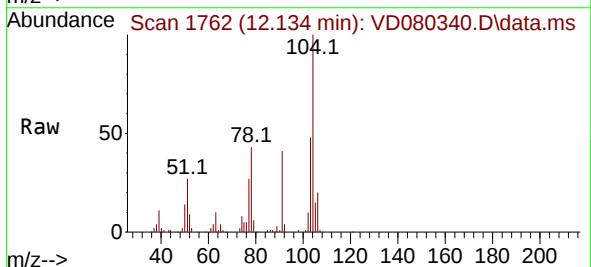
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBS01

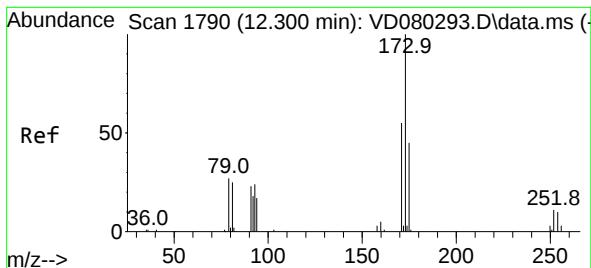
Tgt Ion:106 Resp: 45082
Ion Ratio Lower Upper
106 100
91 212.0 110.5 331.5



#70
Styrene
Concen: 20.615 ug/l
RT: 12.134 min Scan# 1762
Delta R.T. 0.000 min
Lab File: VD080340.D
Acq: 15 May 2025 11:21

Tgt Ion:104 Resp: 83492
Ion Ratio Lower Upper
104 100
78 48.5 39.8 59.8
103 55.1 45.2 67.8





#71

Bromoform

Concen: 20.912 ug/l

RT: 12.299 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD080340.D

Acq: 15 May 2025 11:21

Instrument :

MSVOA_D

ClientSampleId :

VD0515SBS01

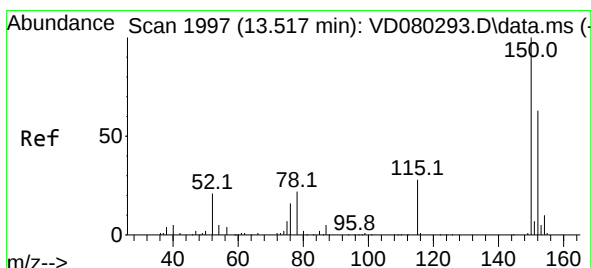
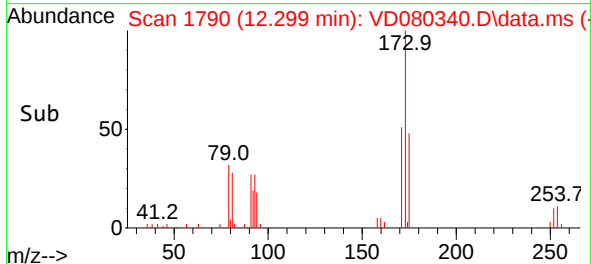
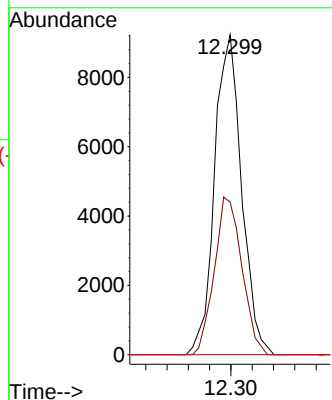
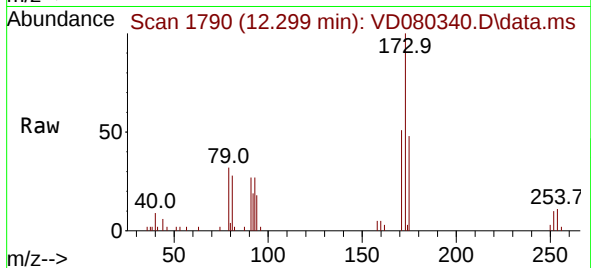
Tgt Ion:173 Resp: 16237

Ion Ratio Lower Upper

173 100

175 50.3 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: VD080340.D

Acq: 15 May 2025 11:21

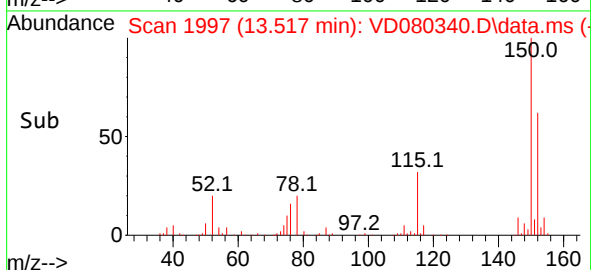
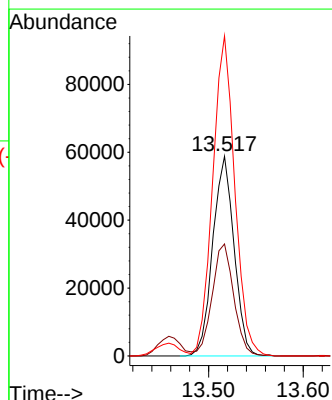
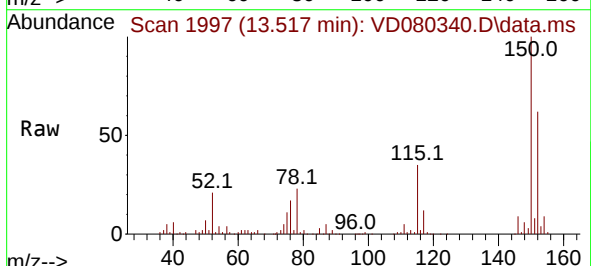
Tgt Ion:152 Resp: 91911

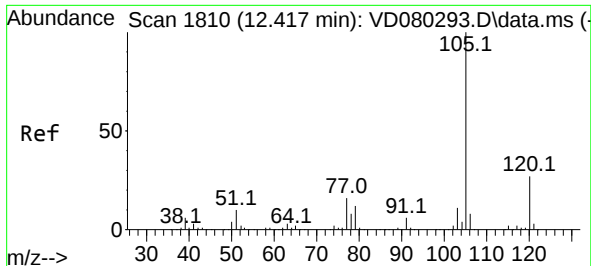
Ion Ratio Lower Upper

152 100

115 57.0 28.9 86.8

150 165.6 0.0 354.8

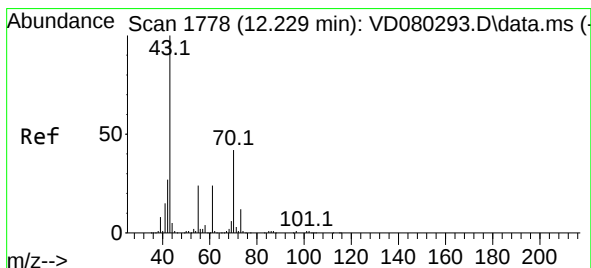
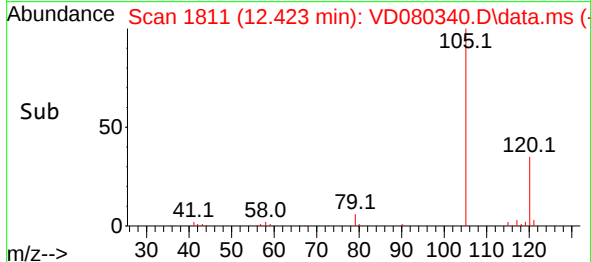
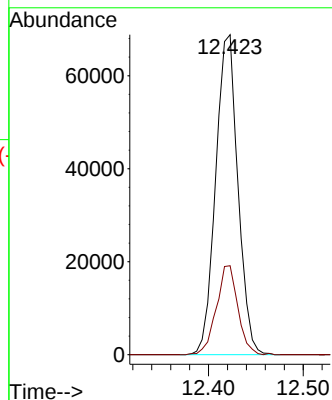
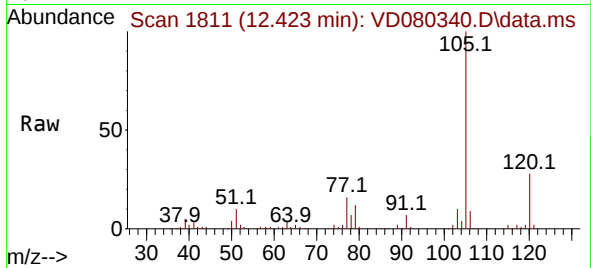




#73
Isopropylbenzene
Concen: 18.840 ug/l
RT: 12.423 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD080340.D
Acq: 15 May 2025 11:21

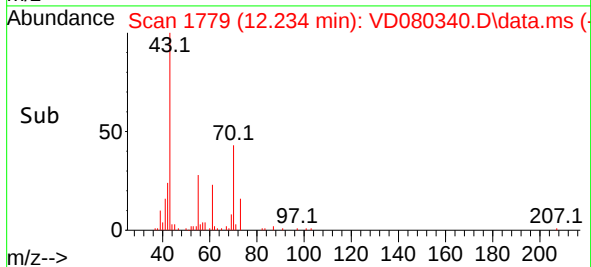
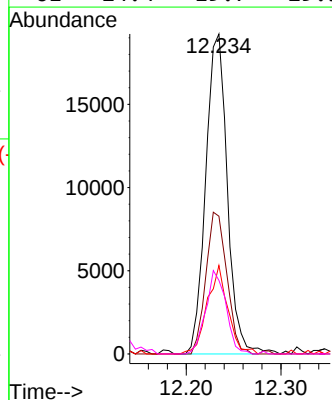
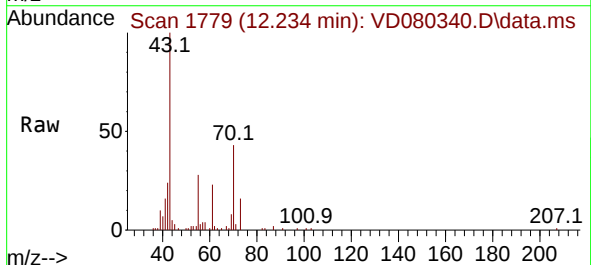
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBS01

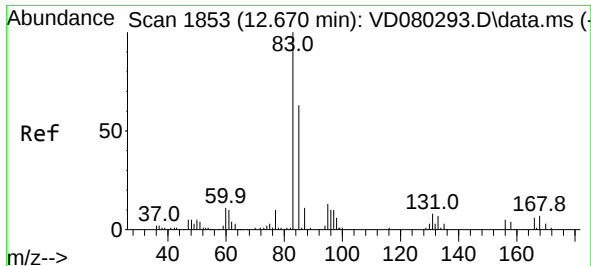
Tgt Ion:105 Resp: 112325
Ion Ratio Lower Upper
105 100
120 27.0 13.3 39.9



#74
N-ethyl acetate
Concen: 17.844 ug/l
RT: 12.234 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VD080340.D
Acq: 15 May 2025 11:21

Tgt Ion: 43 Resp: 30534
Ion Ratio Lower Upper
43 100
70 43.0 36.3 54.5
55 26.4 20.3 30.5
61 24.4 19.7 29.5

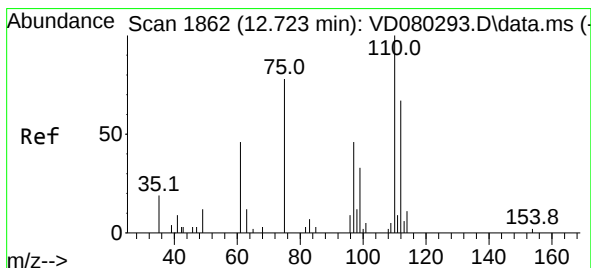
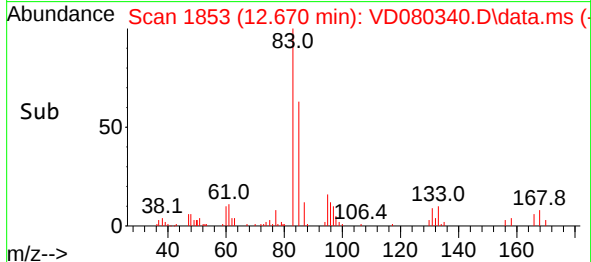
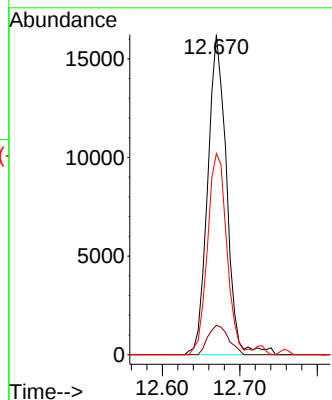
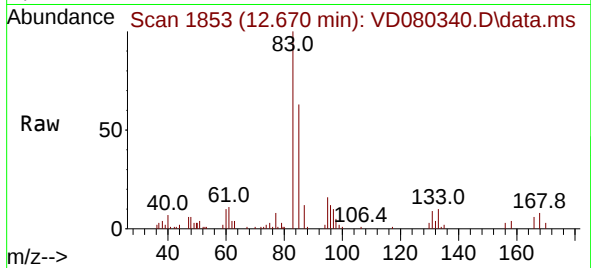




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.857 ug/l
 RT: 12.670 min Scan# 1853
 Delta R.T. 0.001 min
 Lab File: VD080340.D
 Acq: 15 May 2025 11:21

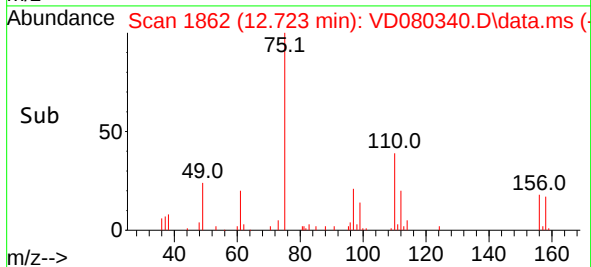
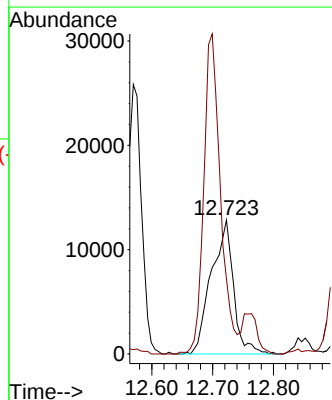
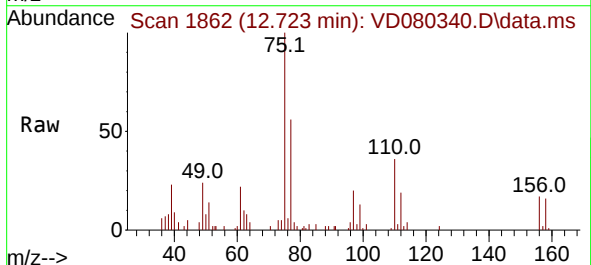
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0515SBS01

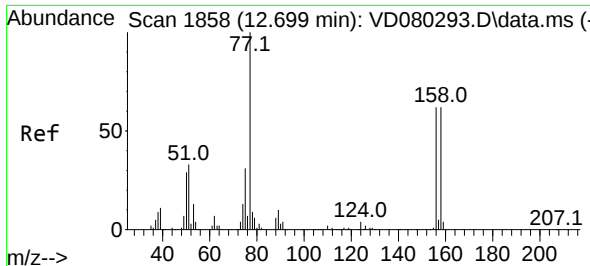
Tgt Ion: 83 Resp: 27346
 Ion Ratio Lower Upper
 83 100
 131 10.0 5.1 15.3
 85 64.9 32.9 98.6



#76
 1,2,3-Trichloropropane
 Concen: 36.675 ug/l
 RT: 12.723 min Scan# 1862
 Delta R.T. 0.001 min
 Lab File: VD080340.D
 Acq: 15 May 2025 11:21

Tgt Ion: 75 Resp: 32533
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

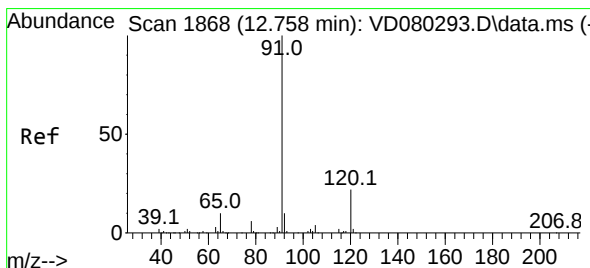
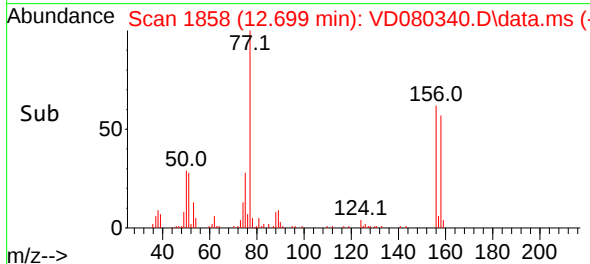
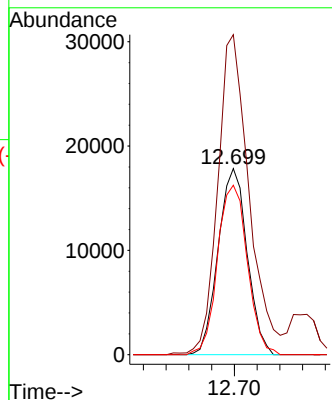
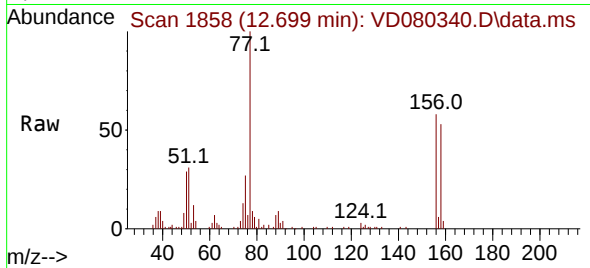




#77
Bromobenzene
Concen: 20.446 ug/l
RT: 12.699 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VD080340.D
Acq: 15 May 2025 11:21

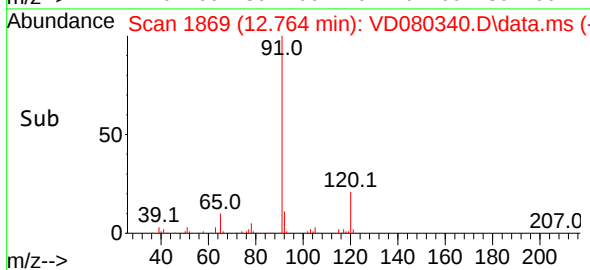
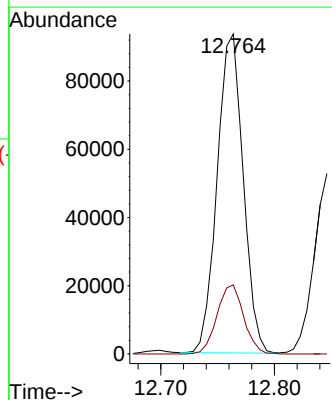
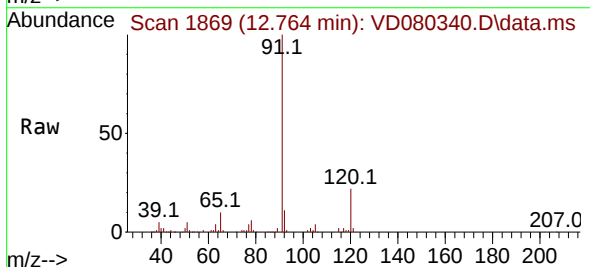
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBS01

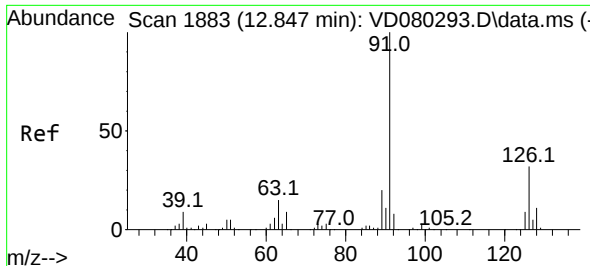
Tgt Ion:156 Resp: 31620
Ion Ratio Lower Upper
156 100
77 185.0 89.8 269.6
158 93.5 47.9 143.8



#78
n-propylbenzene
Concen: 19.914 ug/l
RT: 12.764 min Scan# 1869
Delta R.T. 0.001 min
Lab File: VD080340.D
Acq: 15 May 2025 11:21

Tgt Ion: 91 Resp: 148999
Ion Ratio Lower Upper
91 100
120 22.1 11.2 33.5

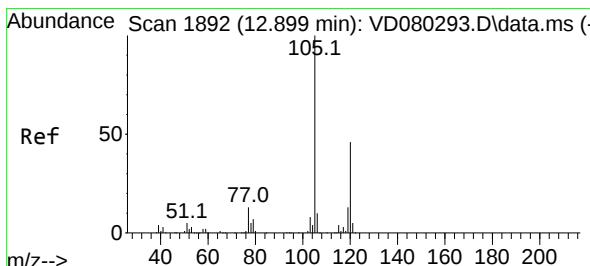
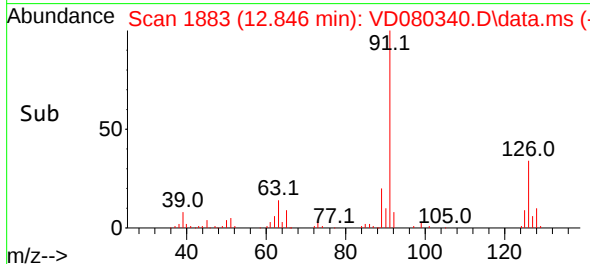
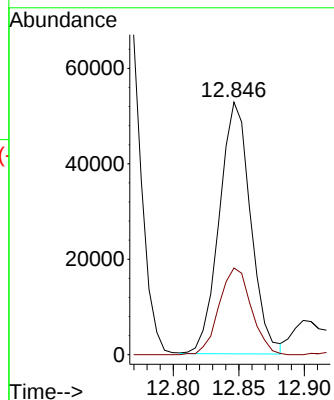
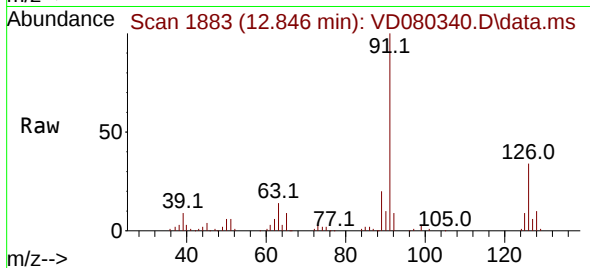




#79
2-Chlorotoluene
Concen: 20.196 ug/l
RT: 12.846 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD080340.D
Acq: 15 May 2025 11:21

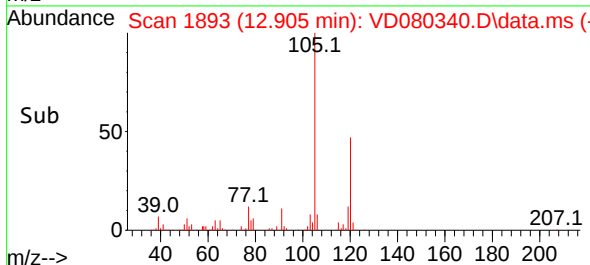
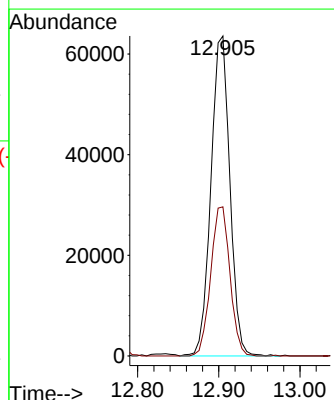
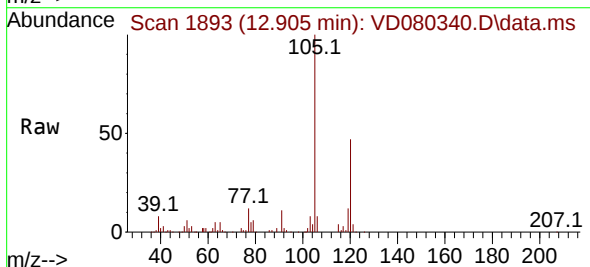
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBS01

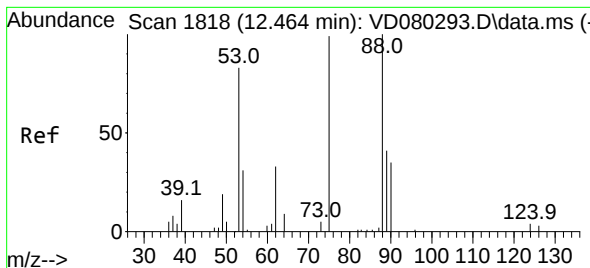
Tgt Ion: 91 Resp: 87894
Ion Ratio Lower Upper
91 100
126 35.3 17.2 51.5



#80
1,3,5-Trimethylbenzene
Concen: 20.221 ug/l
RT: 12.905 min Scan# 1893
Delta R.T. 0.001 min
Lab File: VD080340.D
Acq: 15 May 2025 11:21

Tgt Ion: 105 Resp: 102827
Ion Ratio Lower Upper
105 100
120 47.4 25.0 75.0

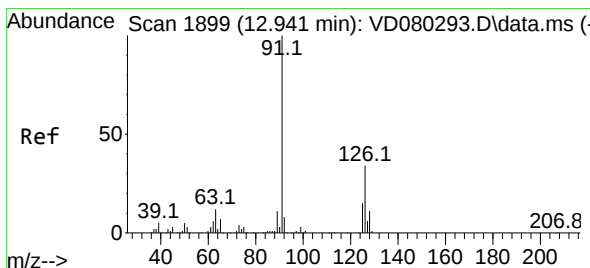
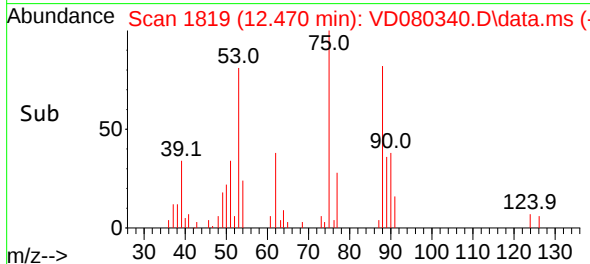
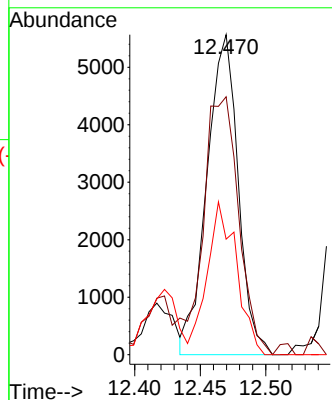
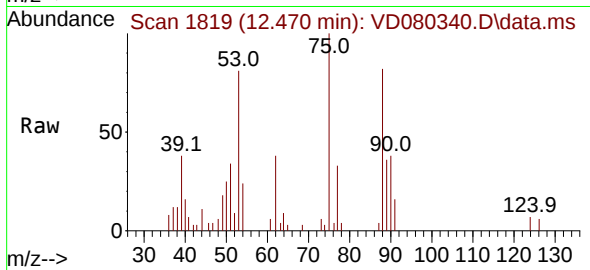




#81
trans-1,4-Dichloro-2-butene
Concen: 19.723 ug/l
RT: 12.470 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD080340.D
Acq: 15 May 2025 11:21

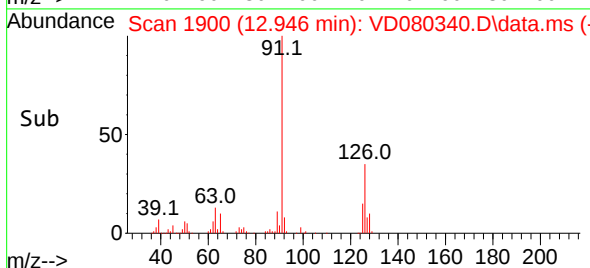
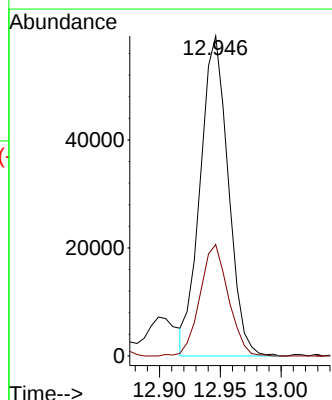
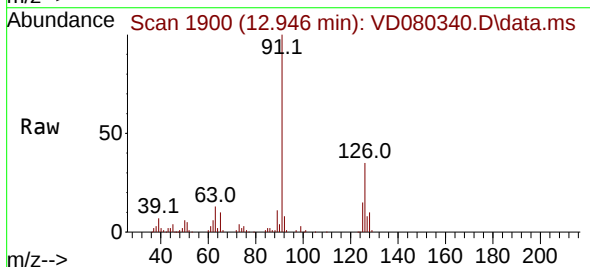
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBS01

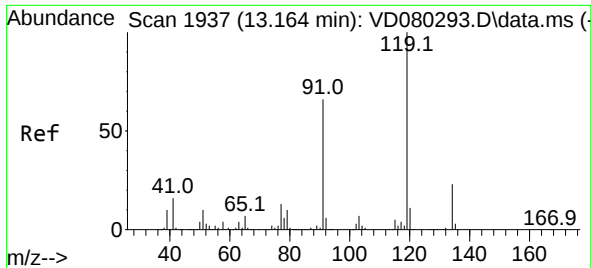
Tgt Ion: 75 Resp: 9217
Ion Ratio Lower Upper
75 100
53 87.9 68.7 103.1
89 45.0 36.1 54.1



#82
4-Chlorotoluene
Concen: 20.174 ug/l
RT: 12.946 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD080340.D
Acq: 15 May 2025 11:21

Tgt Ion: 91 Resp: 94773
Ion Ratio Lower Upper
91 100
126 35.3 16.8 50.3

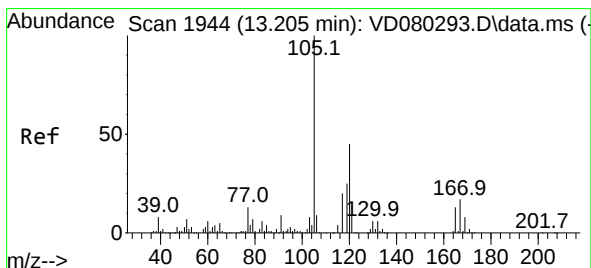
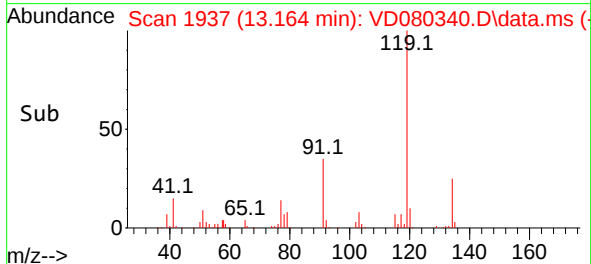
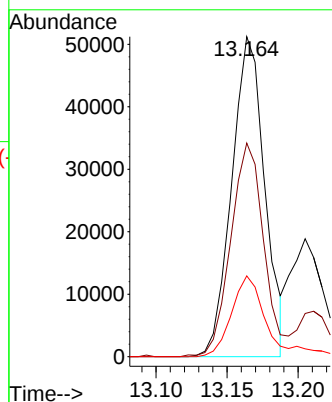
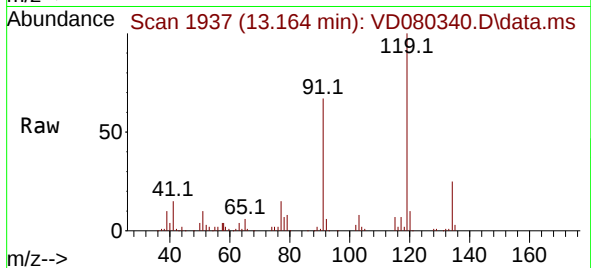




#83
tert-Butylbenzene
Concen: 19.504 ug/l
RT: 13.164 min Scan# 1937
Delta R.T. 0.001 min
Lab File: VD080340.D
Acq: 15 May 2025 11:21

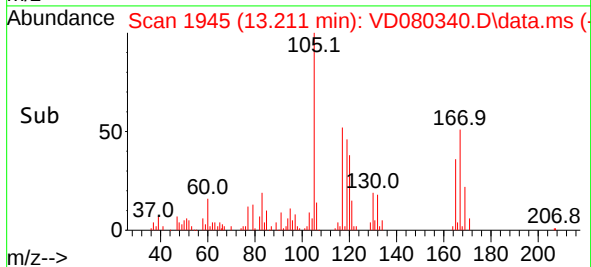
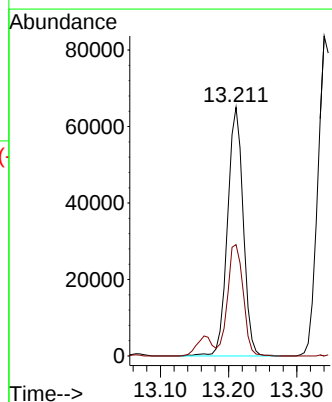
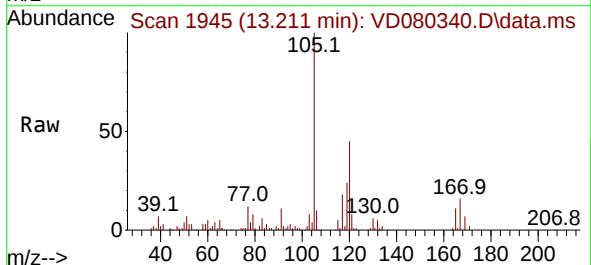
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBS01

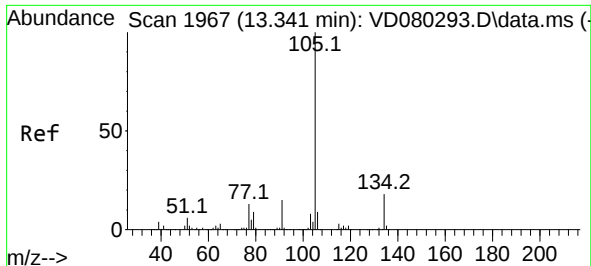
Tgt Ion:119 Resp: 82763
Ion Ratio Lower Upper
119 100
91 67.1 33.3 99.9
134 27.0 13.5 40.5



#84
1,2,4-Trimethylbenzene
Concen: 19.984 ug/l
RT: 13.211 min Scan# 1945
Delta R.T. 0.001 min
Lab File: VD080340.D
Acq: 15 May 2025 11:21

Tgt Ion:105 Resp: 103976
Ion Ratio Lower Upper
105 100
120 44.7 22.8 68.4

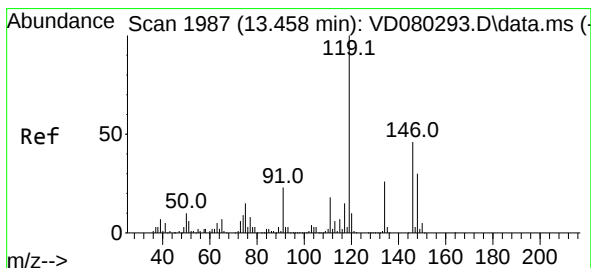
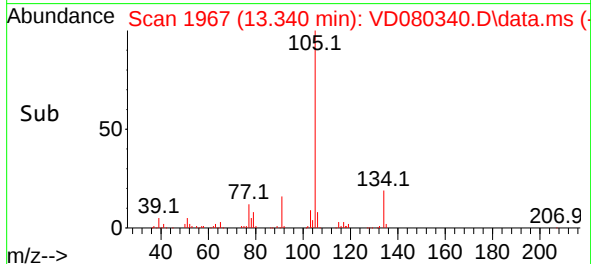
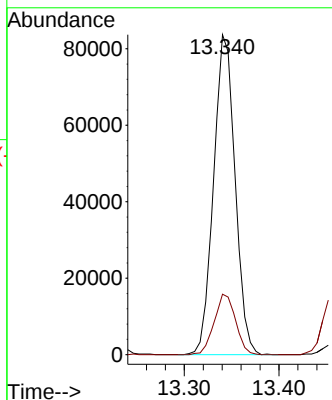
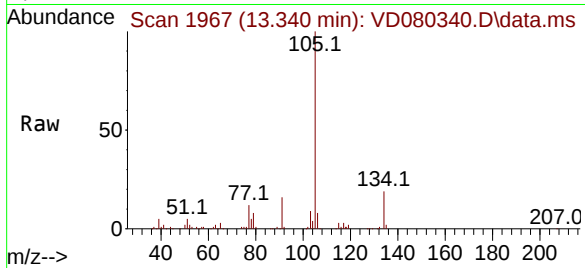




#85
 sec-Butylbenzene
 Concen: 20.145 ug/l
 RT: 13.340 min Scan# 1967
 Delta R.T. 0.000 min
 Lab File: VD080340.D
 Acq: 15 May 2025 11:21

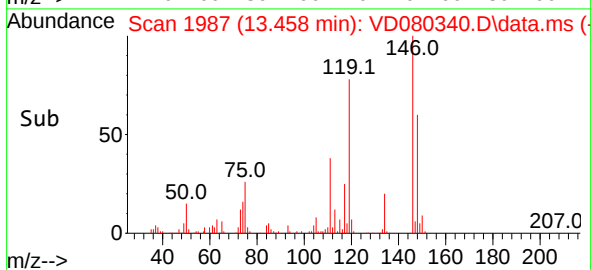
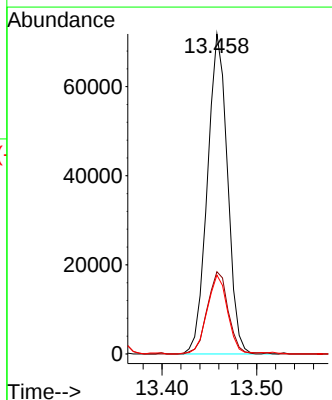
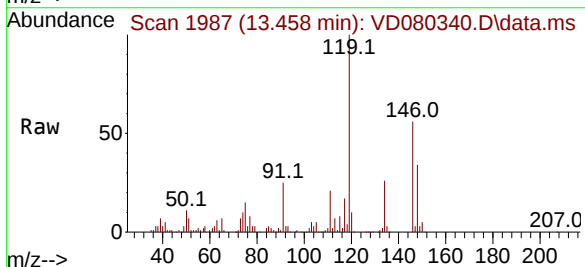
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0515SBS01

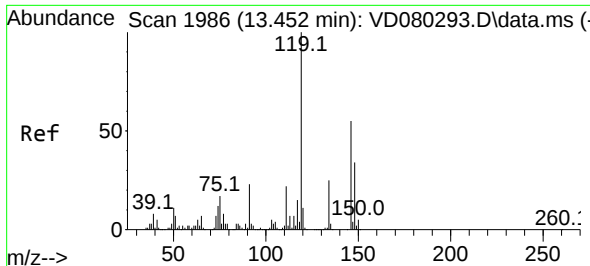
Tgt Ion:105 Resp: 131823
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 19.290 ug/l
 RT: 13.458 min Scan# 1987
 Delta R.T. 0.001 min
 Lab File: VD080340.D
 Acq: 15 May 2025 11:21

Tgt Ion:119 Resp: 106090
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.1 39.1
 91 25.1 12.2 36.4

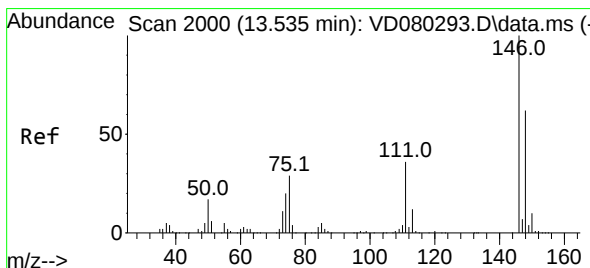
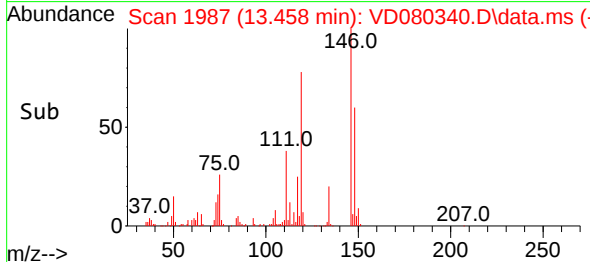
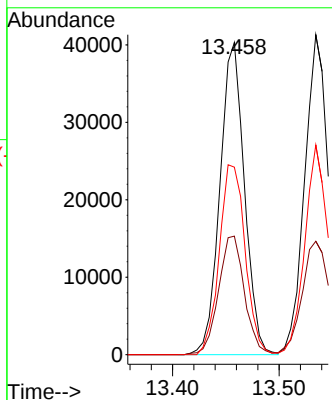
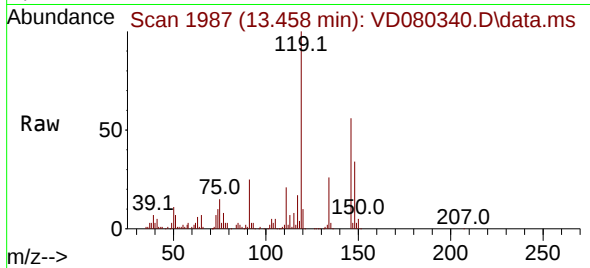




#87
 1,3-Dichlorobenzene
 Concen: 19.961 ug/l
 RT: 13.458 min Scan# 1986
 Delta R.T. 0.001 min
 Lab File: VD080340.D
 Acq: 15 May 2025 11:21

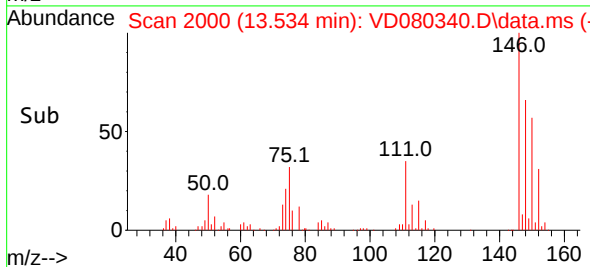
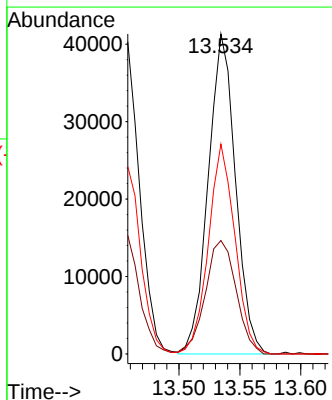
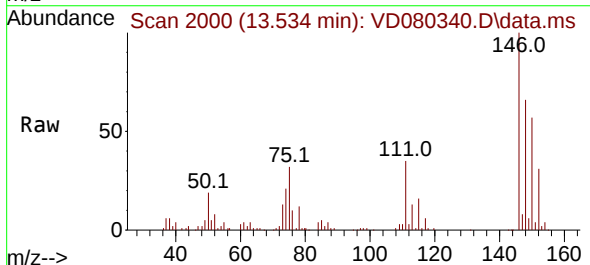
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0515SBS01

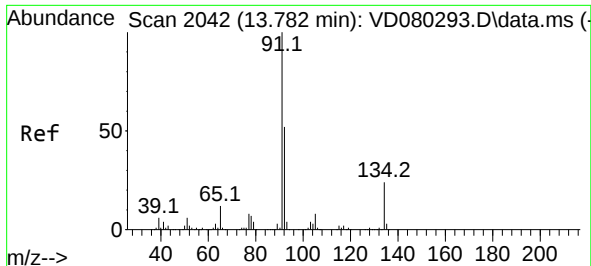
Tgt Ion:146 Resp: 64377
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.0 59.9
 148 64.3 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 19.877 ug/l
 RT: 13.534 min Scan# 2000
 Delta R.T. 0.000 min
 Lab File: VD080340.D
 Acq: 15 May 2025 11:21

Tgt Ion:146 Resp: 64628
 Ion Ratio Lower Upper
 146 100
 111 40.1 19.3 57.8
 148 63.7 32.9 98.7





#89

n-Butylbenzene

Concen: 19.164 ug/l

RT: 13.787 min Scan# 2042

Delta R.T. 0.000 min

Lab File: VD080340.D

Acq: 15 May 2025 11:21

Instrument :

MSVOA_D

ClientSampleId :

VD0515SBS01

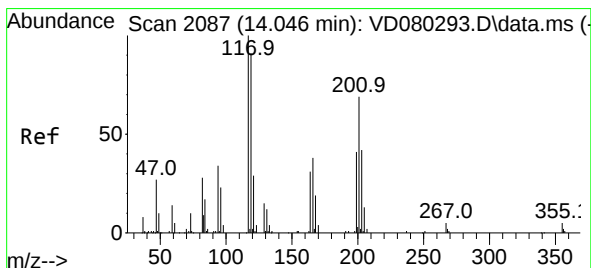
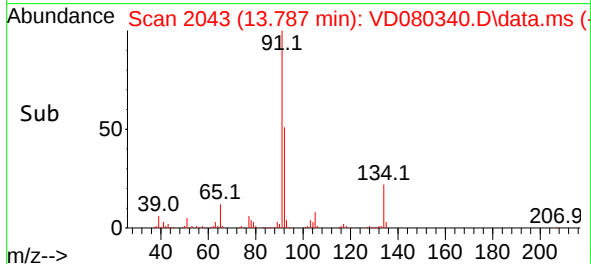
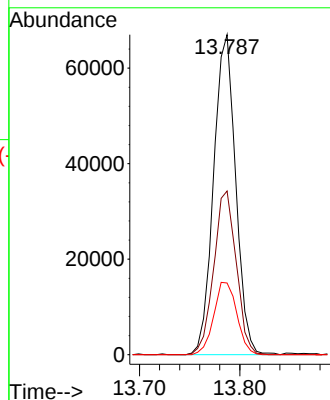
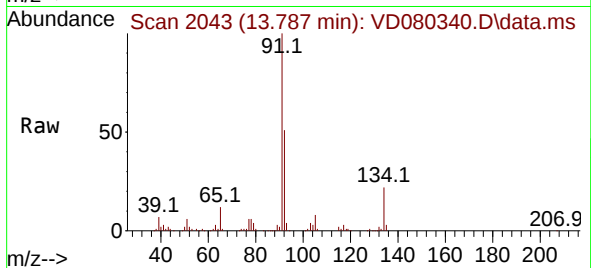
Tgt Ion: 91 Resp: 102312

Ion Ratio Lower Upper

91 100

92 52.1 26.3 78.9

134 23.6 12.3 36.8



#90

Hexachloroethane

Concen: 20.888 ug/l

RT: 14.052 min Scan# 2088

Delta R.T. 0.001 min

Lab File: VD080340.D

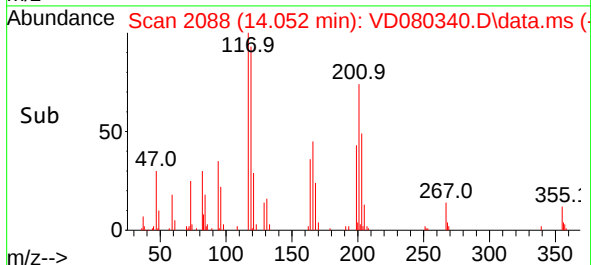
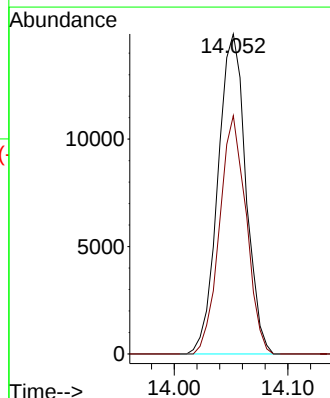
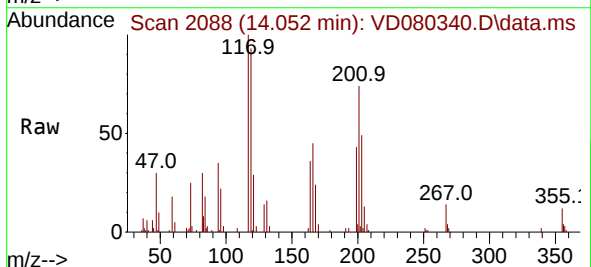
Acq: 15 May 2025 11:21

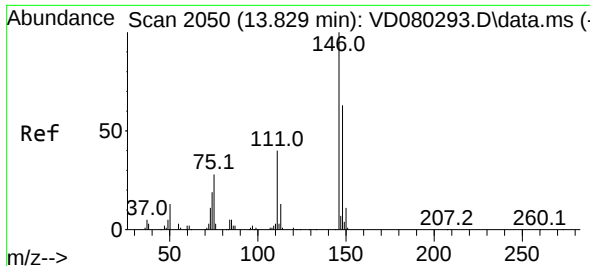
Tgt Ion: 117 Resp: 25418

Ion Ratio Lower Upper

117 100

201 71.0 37.5 112.5

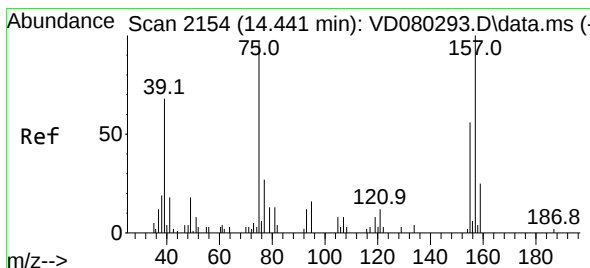
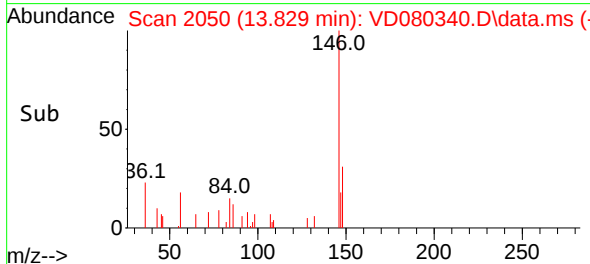
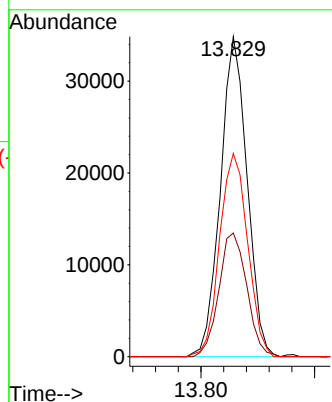
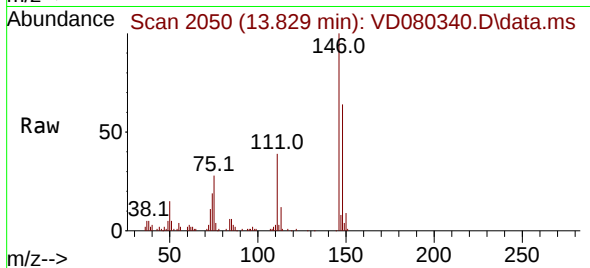




#91
 1,2-Dichlorobenzene
 Concen: 20.272 ug/l
 RT: 13.829 min Scan# 2050
 Delta R.T. 0.001 min
 Lab File: VD080340.D
 Acq: 15 May 2025 11:21

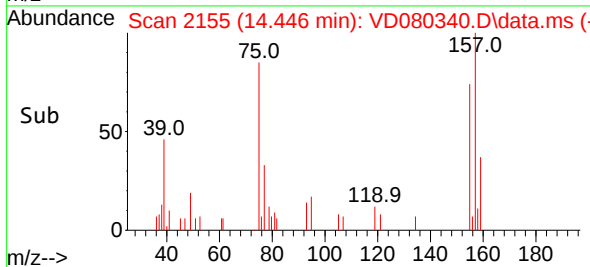
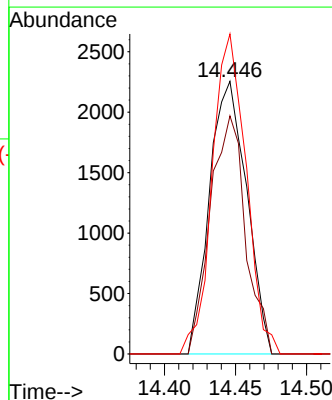
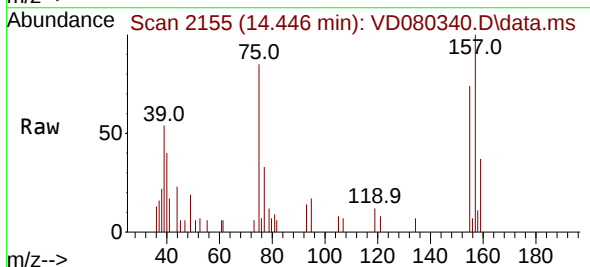
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0515SBS01

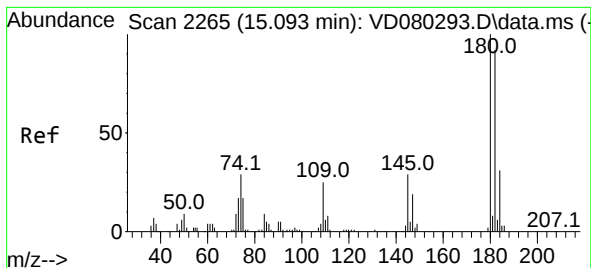
Tgt Ion:146	Resp:	56795
Ion	Ratio	Lower Upper
146	100	
111	40.4	20.6 61.8
148	66.7	32.7 98.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.683 ug/l
 RT: 14.446 min Scan# 2155
 Delta R.T. 0.006 min
 Lab File: VD080340.D
 Acq: 15 May 2025 11:21

Tgt Ion: 75	Resp:	4113
Ion	Ratio	Lower Upper
75	100	
155	82.5	40.6 122.0
157	106.6	53.3 159.9





#93

1,2,4-Trichlorobenzene

Concen: 19.541 ug/l

RT: 15.099 min Scan# 2266

Delta R.T. 0.001 min

Lab File: VD080340.D

Acq: 15 May 2025 11:21

Instrument :

MSVOA_D

ClientSampleId :

VD0515SBS01

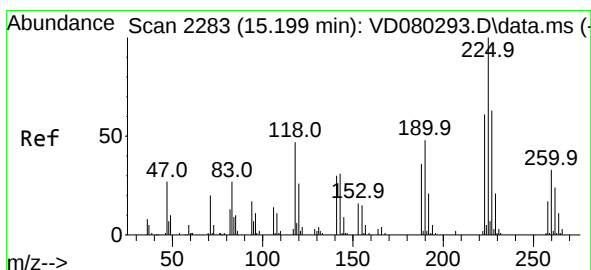
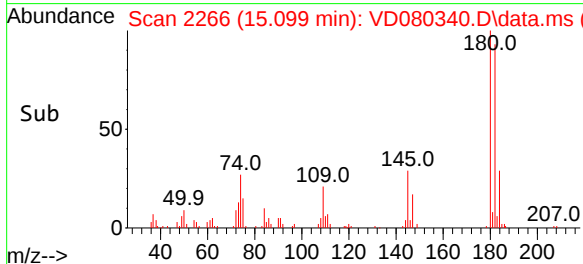
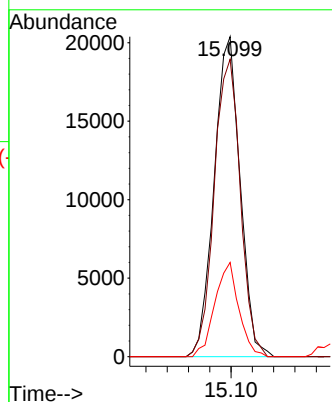
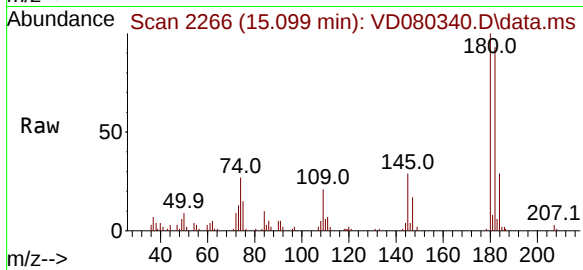
Tgt Ion:180 Resp: 34430

Ion Ratio Lower Upper

180 100

182 93.4 47.4 142.2

145 27.2 14.7 44.1



#94

Hexachlorobutadiene

Concen: 20.400 ug/l

RT: 15.199 min Scan# 2283

Delta R.T. 0.001 min

Lab File: VD080340.D

Acq: 15 May 2025 11:21

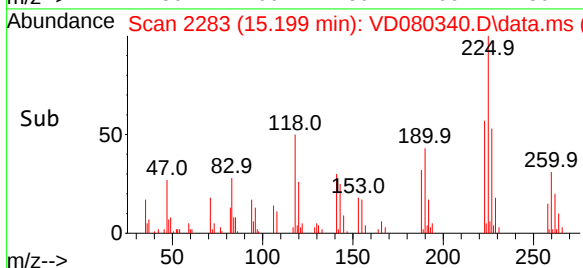
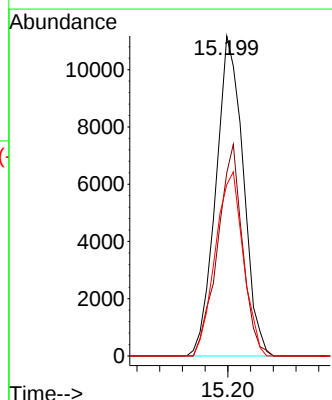
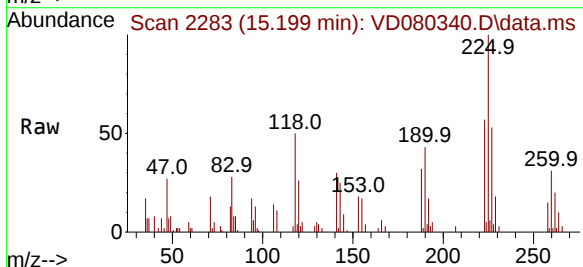
Tgt Ion:225 Resp: 18700

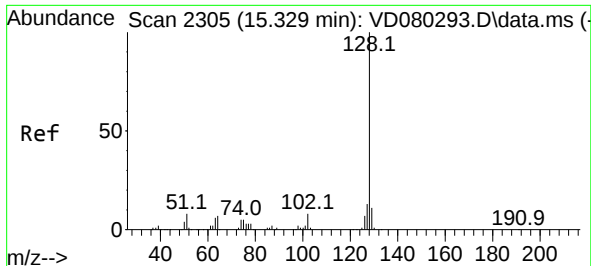
Ion Ratio Lower Upper

225 100

223 60.2 31.5 94.5

227 58.7 30.9 92.5

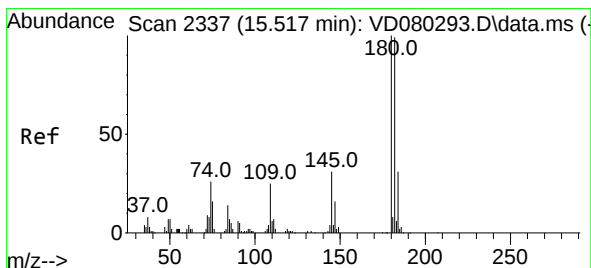
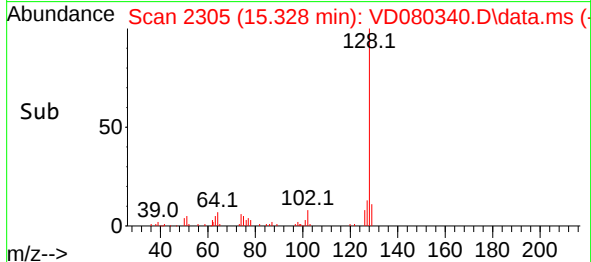
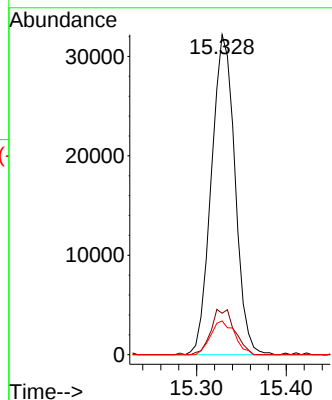
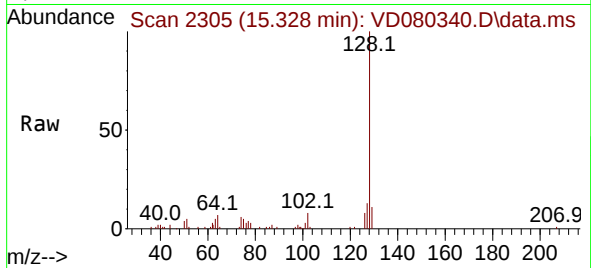




#95
Naphthalene
Concen: 17.731 ug/l
RT: 15.328 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD080340.D
Acq: 15 May 2025 11:21

Instrument :
MSVOA_D
ClientSampleId :
VD0515SBS01

Tgt Ion:128	Resp:	58659
Ion Ratio	Lower	Upper
128	100	
127	12.9	11.8 17.8
129	10.5	8.3 12.5



#96
1,2,3-Trichlorobenzene
Concen: 18.555 ug/l
RT: 15.517 min Scan# 2337
Delta R.T. 0.001 min
Lab File: VD080340.D
Acq: 15 May 2025 11:21

Tgt Ion:180	Resp:	29239
Ion Ratio	Lower	Upper
180	100	
182	102.9	47.5 142.6
145	33.5	15.7 47.0

