

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051325\
 Data File : VD080301.D
 Acq On : 13 May 2025 14:43
 Operator : RP/MD
 Sample : VD0513SBS01
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0513SBS01

Quant Time: May 14 01:33:10 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	100007	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	170350	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	164310	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	94426	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.223	65	67954	52.545	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.080%	
35) Dibromofluoromethane	7.800	113	62831	55.031	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.060%	
50) Toluene-d8	10.264	98	238735	53.068	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.140%	
62) 4-Bromofluorobenzene	12.570	95	75563	52.332	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.660%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.935	85	25050	25.593	ug/l	98
3) Chloromethane	2.153	50	45192	23.684	ug/l	91
4) Vinyl Chloride	2.276	62	58224	22.395	ug/l	92
5) Bromomethane	2.676	94	48026	25.663	ug/l	99
6) Chloroethane	2.823	64	42994	23.389	ug/l	94
7) Trichlorofluoromethane	3.164	101	44342	22.243	ug/l	99
8) Diethyl Ether	3.594	74	13128	21.333	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.959	101	25928	21.109	ug/l	98
10) Methyl Iodide	4.159	142	16424	13.117	ug/l	98
11) Tert butyl alcohol	5.070	59	7586	96.666	ug/l	98
12) 1,1-Dichloroethene	3.935	96	24869	20.537	ug/l	97
13) Acrolein	3.794	56	9082	65.774	ug/l	99
14) Allyl chloride	4.553	41	35527	18.655	ug/l	96
15) Acrylonitrile	5.258	53	28319	95.721	ug/l #	87
16) Acetone	4.029	43	21817	100.322	ug/l	96
17) Carbon Disulfide	4.259	76	86145	20.486	ug/l	99
18) Methyl Acetate	4.564	43	17928	21.424	ug/l	99
19) Methyl tert-butyl Ether	5.311	73	52622	19.781	ug/l	100
20) Methylene Chloride	4.794	84	31787	20.778	ug/l	90
21) trans-1,2-Dichloroethene	5.306	96	26082	19.826	ug/l	92
22) Diisopropyl ether	6.211	45	79913	20.370	ug/l	91
23) Vinyl Acetate	6.158	43	217469	95.177	ug/l	98
24) 1,1-Dichloroethane	6.106	63	51752	20.964	ug/l	98
25) 2-Butanone	7.088	43	33917	95.317	ug/l	98
26) 2,2-Dichloropropane	7.070	77	38290	19.492	ug/l	100
27) cis-1,2-Dichloroethene	7.082	96	28399	19.485	ug/l	92
28) Bromochloromethane	7.423	49	24252	21.099	ug/l	90
29) Tetrahydrofuran	7.447	42	23398	100.849	ug/l	96
30) Chloroform	7.594	83	53189	21.606	ug/l	88
31) Cyclohexane	7.876	56	39648	18.870	ug/l	95
32) 1,1,1-Trichloroethane	7.794	97	43228	21.523	ug/l	97
36) 1,1-Dichloropropene	8.005	75	34453	20.191	ug/l	98
37) Ethyl Acetate	7.170	43	16248	18.209	ug/l #	89
38) Carbon Tetrachloride	7.988	117	39006	21.919	ug/l	91
39) Methylcyclohexane	9.270	83	36634	18.501	ug/l	99
40) Benzene	8.247	78	112566	21.054	ug/l	99

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	7859	15.916	ug/l #	90
42) 1,2-Dichloroethane	8.323	62	32525	20.994	ug/l	99
43) Isopropyl Acetate	8.358	43	31487	19.460	ug/l #	84
44) Trichloroethene	9.023	130	25182	20.290	ug/l	95
45) 1,2-Dichloropropane	9.305	63	28829	21.024	ug/l	98
46) Dibromomethane	9.394	93	16862	22.586	ug/l	95
47) Bromodichloromethane	9.582	83	41854	22.087	ug/l	95
48) Methyl methacrylate	9.382	41	13738	17.870	ug/l	94
49) 1,4-Dioxane	9.388	88	3924	442.086	ug/l #	88
51) 4-Methyl-2-Pentanone	10.158	43	81992	98.349	ug/l	96
52) Toluene	10.335	92	68340	21.217	ug/l	97
53) t-1,3-Dichloropropene	10.552	75	34922	20.215	ug/l	95
54) cis-1,3-Dichloropropene	10.011	75	40121	20.042	ug/l	92
55) 1,1,2-Trichloroethane	10.729	97	21227	21.495	ug/l	96
56) Ethyl methacrylate	10.599	69	23095	19.300	ug/l	91
57) 1,3-Dichloropropane	10.876	76	35465	21.608	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.870	63	46056	94.046	ug/l	99
59) 2-Hexanone	10.917	43	56210	98.014	ug/l	91
60) Dibromochloromethane	11.070	129	28194	22.782	ug/l	97
61) 1,2-Dibromoethane	11.176	107	20225	22.086	ug/l	98
64) Tetrachloroethene	10.805	164	22971	20.645	ug/l	97
65) Chlorobenzene	11.605	112	75092	20.240	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.676	131	26526	20.811	ug/l	99
67) Ethyl Benzene	11.682	91	117946	19.024	ug/l	99
68) m/p-Xylenes	11.793	106	97214	40.382	ug/l	97
69) o-Xylene	12.117	106	42504	19.322	ug/l	94
70) Styrene	12.135	104	77376	19.589	ug/l	99
71) Bromoform	12.299	173	15891	20.984	ug/l #	99
73) Isopropylbenzene	12.417	105	108901	17.779	ug/l	99
74) N-amyl acetate	12.229	43	30662	17.441	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.670	83	27173	20.173	ug/l	99
76) 1,2,3-Trichloropropane	12.723	75	31048	34.069	ug/l #	100
77) Bromobenzene	12.699	156	30659	19.297	ug/l	97
78) n-propylbenzene	12.758	91	139929	18.204	ug/l	99
79) 2-Chlorotoluene	12.846	91	85305	19.079	ug/l	100
80) 1,3,5-Trimethylbenzene	12.899	105	96721	18.514	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.470	75	8733	18.189	ug/l	92
82) 4-Chlorotoluene	12.946	91	91879	19.037	ug/l	99
83) tert-Butylbenzene	13.164	119	76403	17.525	ug/l	99
84) 1,2,4-Trimethylbenzene	13.211	105	100585	18.817	ug/l	100
85) sec-Butylbenzene	13.340	105	121223	18.031	ug/l	99
86) p-Isopropyltoluene	13.458	119	102003	18.053	ug/l	100
87) 1,3-Dichlorobenzene	13.458	146	62805	18.955	ug/l	99
88) 1,4-Dichlorobenzene	13.535	146	63118	18.895	ug/l	98
89) n-Butylbenzene	13.787	91	94254	17.184	ug/l	98
90) Hexachloroethane	14.046	117	23321	18.654	ug/l	97
91) 1,2-Dichlorobenzene	13.829	146	55756	19.371	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.446	75	3761	17.519	ug/l	94
93) 1,2,4-Trichlorobenzene	15.093	180	30798	17.014	ug/l	98
94) Hexachlorobutadiene	15.199	225	17461	18.541	ug/l	100
95) Naphthalene	15.329	128	57517	16.922	ug/l	99
96) 1,2,3-Trichlorobenzene	15.517	180	29464	18.199	ug/l	99

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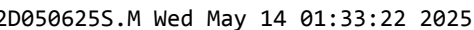
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MSVOA_D
ClientSampleId :
VD0513SBS01

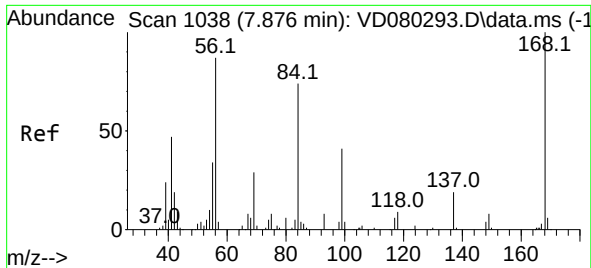
Quant Time: May 14 01:33:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050625S.M
Quant Title : SW846 8260
QLast Update : Wed May 07 08:57:11 2025
Response via : Initial Calibration

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

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Quant Title : SW846 8260
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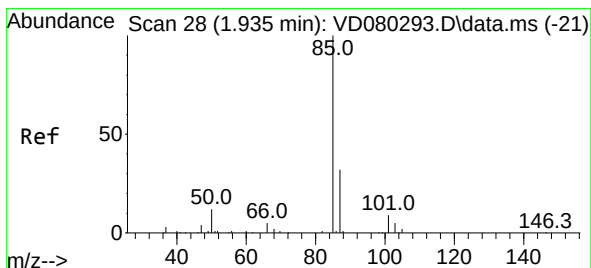
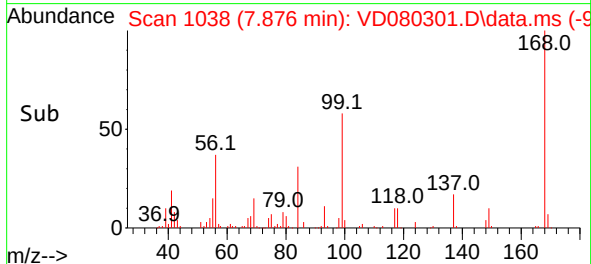
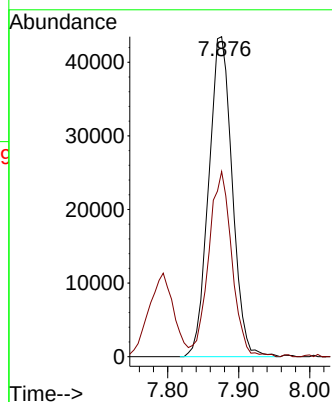
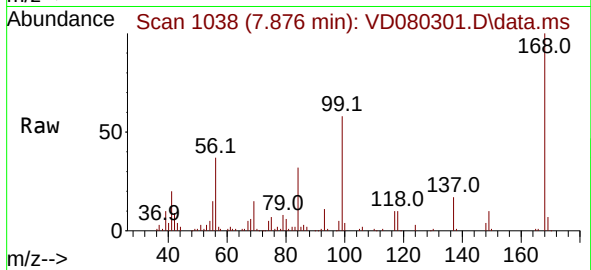




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.001 min
Lab File: VD080301.D
Acq: 13 May 2025 14:43

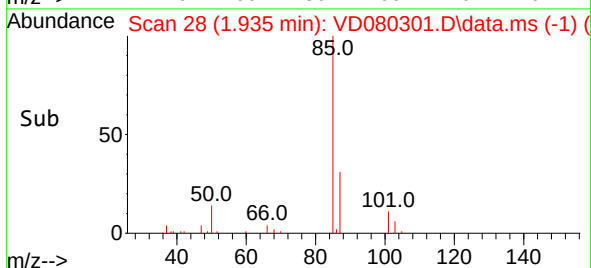
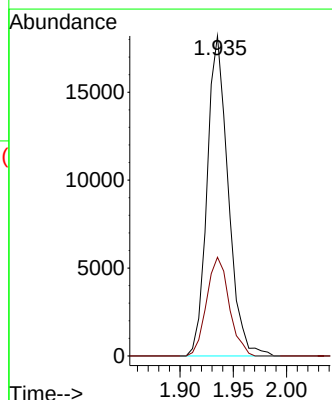
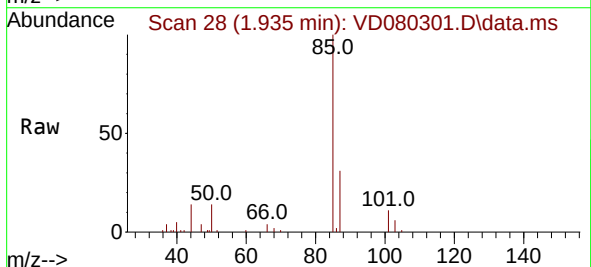
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS01

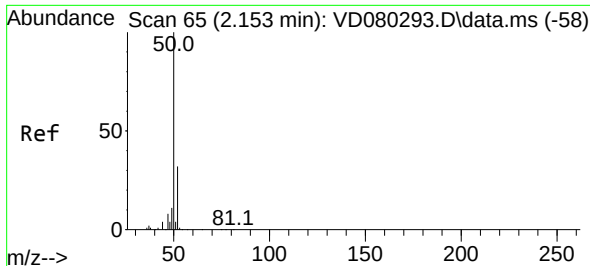
Tgt Ion:168 Resp: 100007
Ion Ratio Lower Upper
168 100
99 57.8 46.0 69.0



#2
Dichlorodifluoromethane
Concen: 25.593 ug/l
RT: 1.935 min Scan# 28
Delta R.T. 0.001 min
Lab File: VD080301.D
Acq: 13 May 2025 14:43

Tgt Ion: 85 Resp: 25050
Ion Ratio Lower Upper
85 100
87 30.9 16.1 48.2

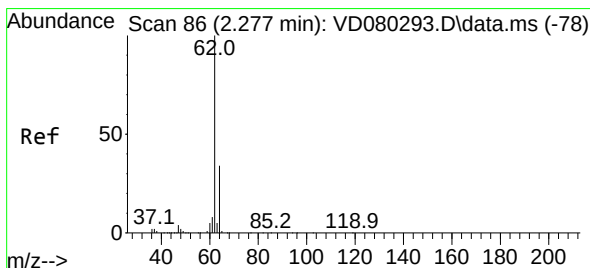
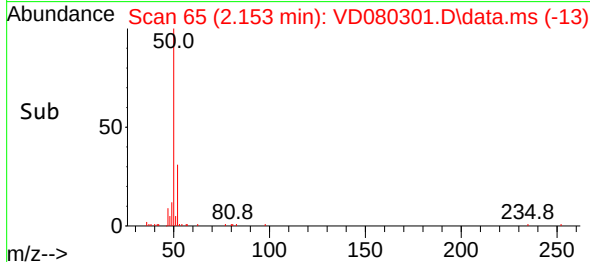
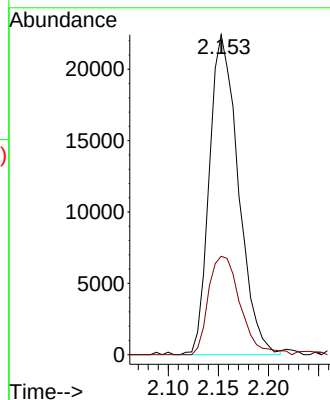
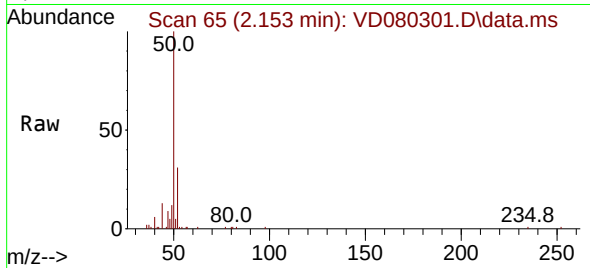




#3
Chloromethane
Concen: 23.684 ug/l
RT: 2.153 min Scan# 65
Delta R.T. 0.007 min
Lab File: VD080301.D
Acq: 13 May 2025 14:43

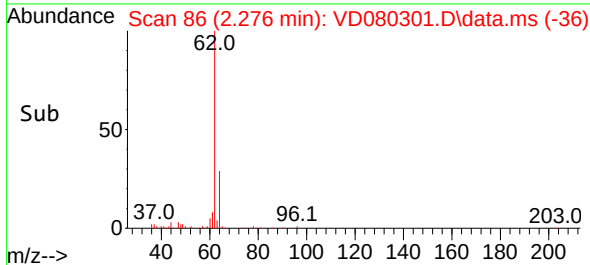
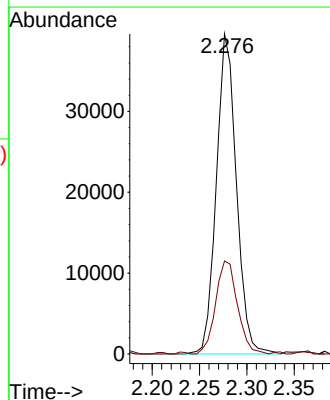
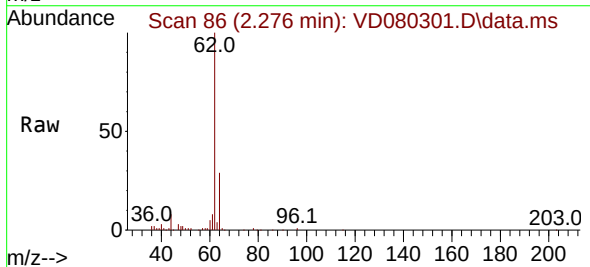
Instrument :
MSVOA_D
ClientSampleId :
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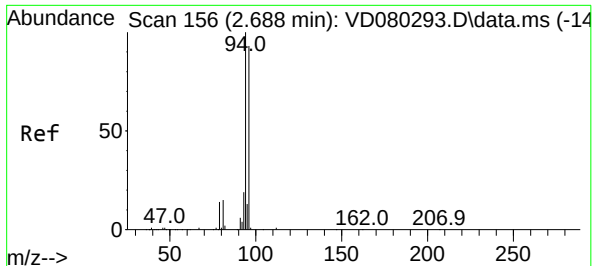
Tgt Ion: 50 Resp: 45192
Ion Ratio Lower Upper
50 100
52 30.7 28.8 43.2



#4
Vinyl Chloride
Concen: 22.395 ug/l
RT: 2.276 min Scan# 86
Delta R.T. -0.005 min
Lab File: VD080301.D
Acq: 13 May 2025 14:43

Tgt Ion: 62 Resp: 58224
Ion Ratio Lower Upper
62 100
64 28.4 26.5 39.7

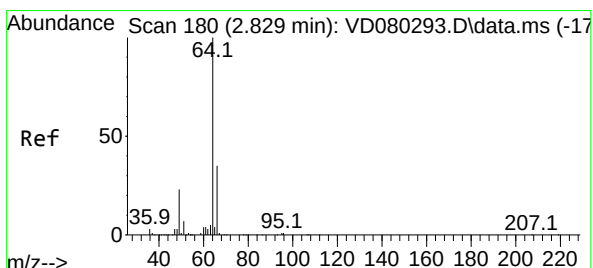
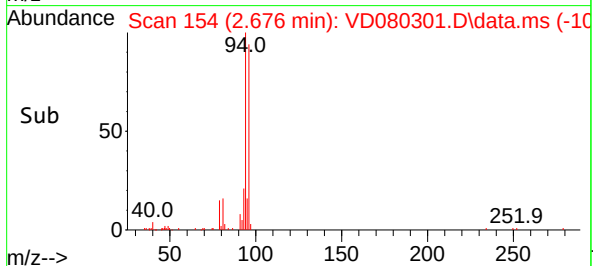
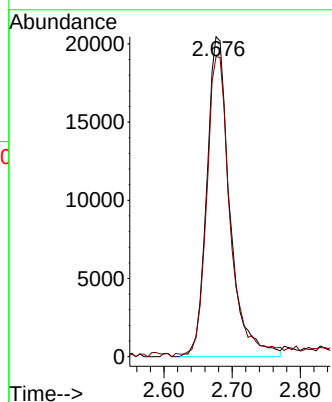
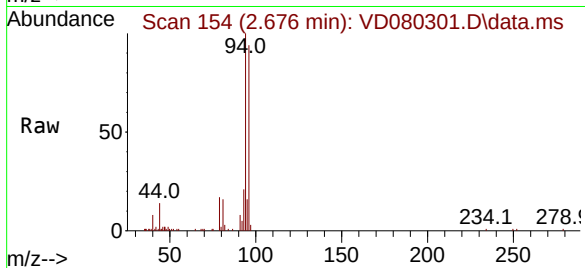




#5
Bromomethane
Concen: 25.663 ug/l
RT: 2.676 min Scan# 11
Delta R.T. -0.017 min
Lab File: VD080301.D
Acq: 13 May 2025 14:43

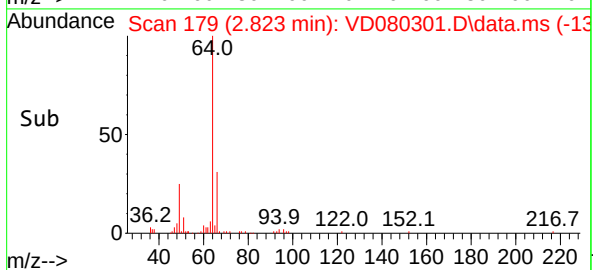
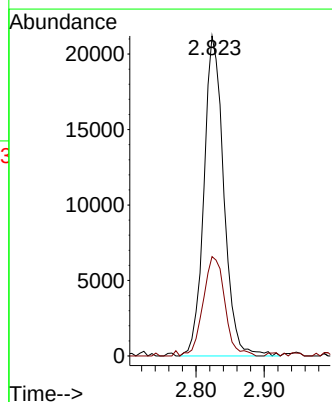
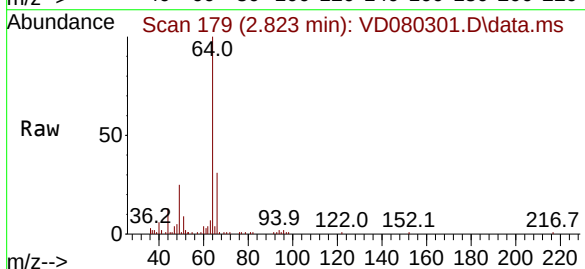
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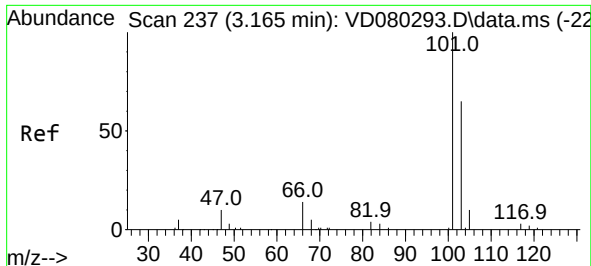
Tgt Ion: 94 Resp: 48026
Ion Ratio Lower Upper
94 100
96 96.4 76.2 114.2



#6
Chloroethane
Concen: 23.389 ug/l
RT: 2.823 min Scan# 179
Delta R.T. -0.011 min
Lab File: VD080301.D
Acq: 13 May 2025 14:43

Tgt Ion: 64 Resp: 42994
Ion Ratio Lower Upper
64 100
66 31.1 27.6 41.4

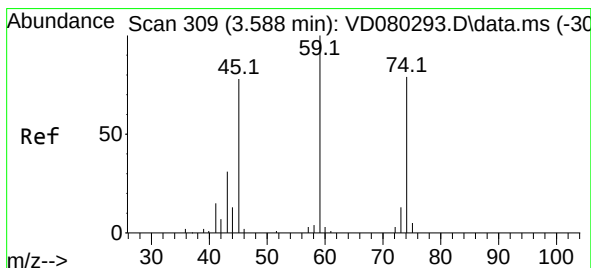
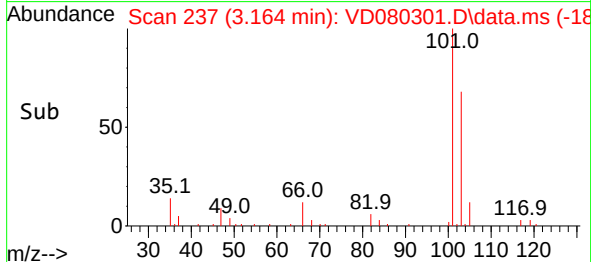
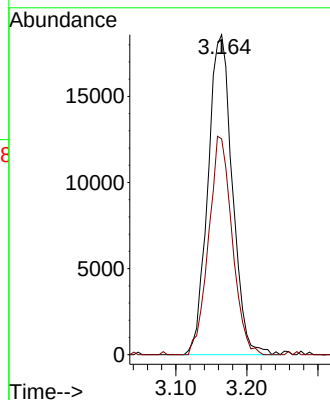
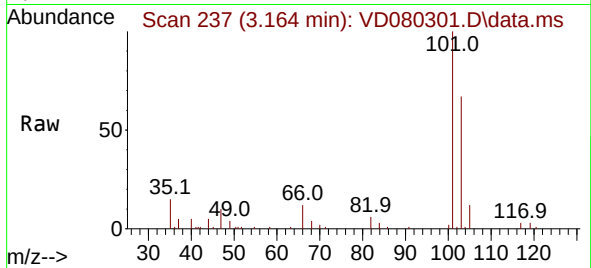




#7
 Trichlorofluoromethane
 Concen: 22.243 ug/l
 RT: 3.164 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD080301.D
 Acq: 13 May 2025 14:43

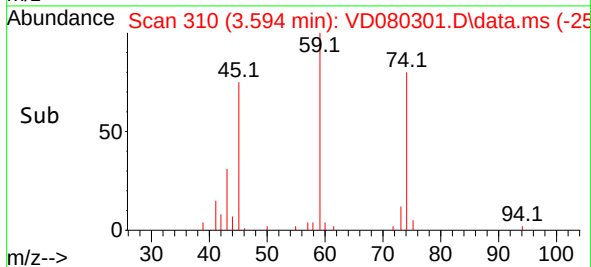
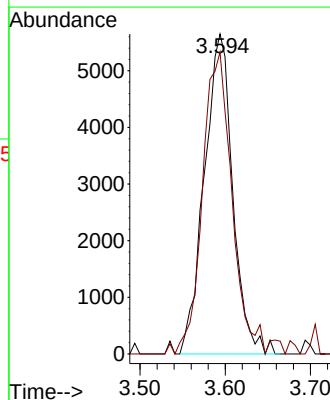
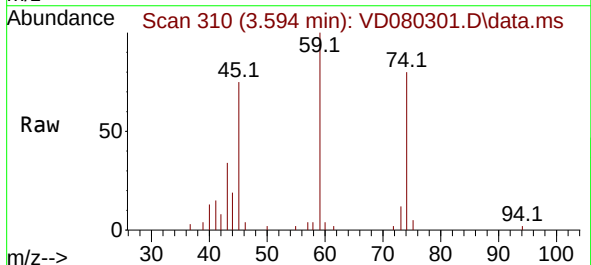
Instrument :
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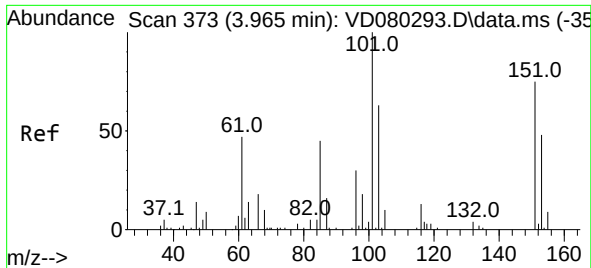
Tgt Ion:101 Resp: 44342
 Ion Ratio Lower Upper
 101 100
 103 67.5 53.0 79.6



#8
 Diethyl Ether
 Concen: 21.333 ug/l
 RT: 3.594 min Scan# 310
 Delta R.T. 0.001 min
 Lab File: VD080301.D
 Acq: 13 May 2025 14:43

Tgt Ion: 74 Resp: 13128
 Ion Ratio Lower Upper
 74 100
 45 97.2 47.8 143.3

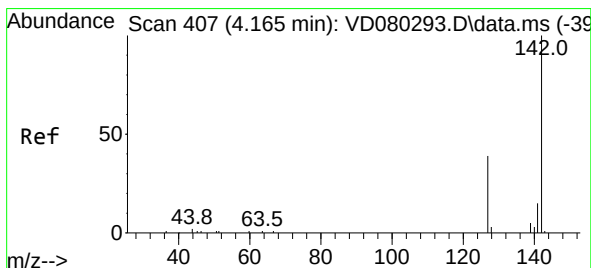
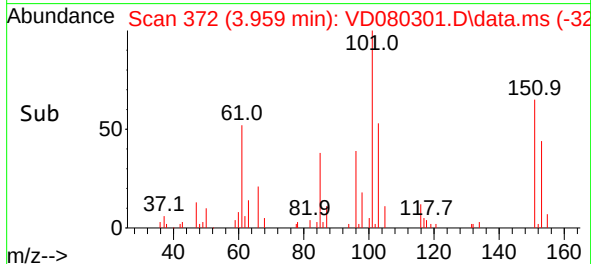
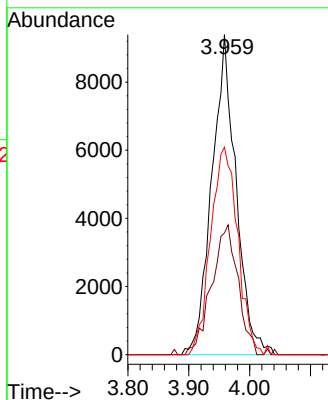
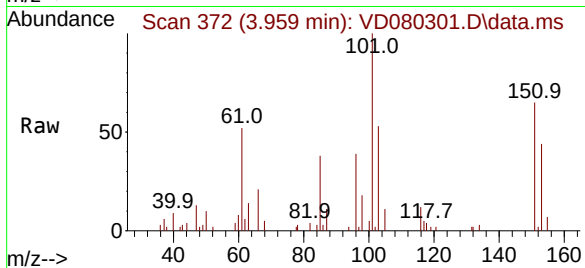




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 21.109 ug/l
 RT: 3.959 min Scan# 31
 Delta R.T. -0.011 min
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 Acq: 13 May 2025 14:43

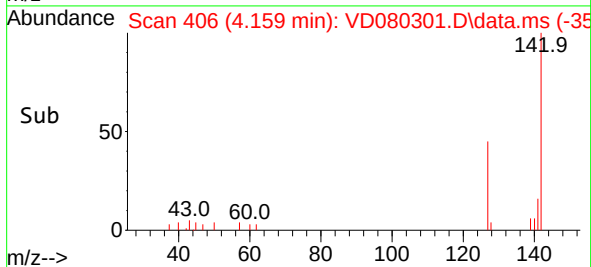
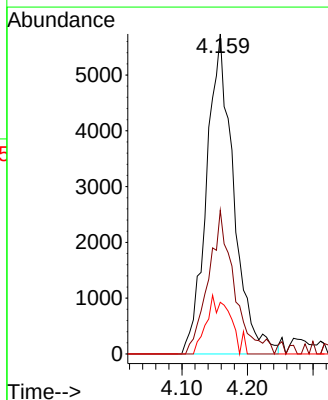
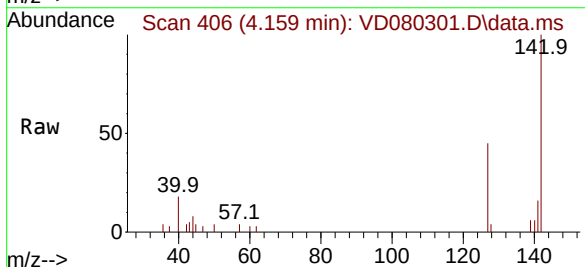
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0513SBS01

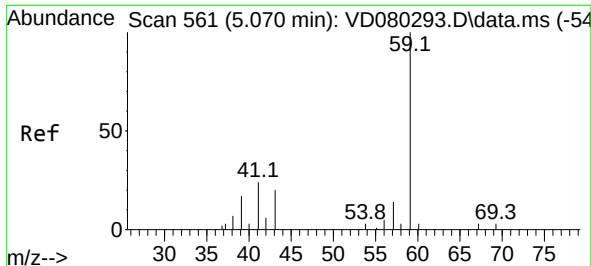
Tgt Ion:101	Resp:	25928
Ion	Ratio	Lower Upper
101	100	
85	44.2	35.3 52.9
151	72.3	60.3 90.5



#10
 Methyl Iodide
 Concen: 13.117 ug/l
 RT: 4.159 min Scan# 406
 Delta R.T. -0.005 min
 Lab File: VD080301.D
 Acq: 13 May 2025 14:43

Tgt Ion:142	Resp:	16424
Ion	Ratio	Lower Upper
142	100	
127	43.1	35.3 52.9
141	16.1	12.2 18.2

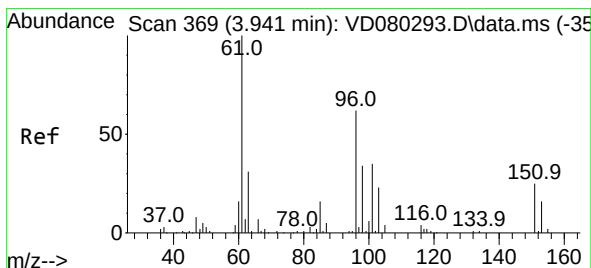
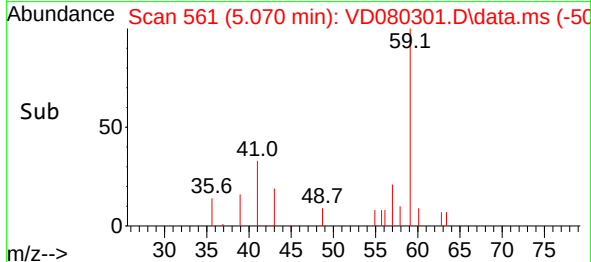
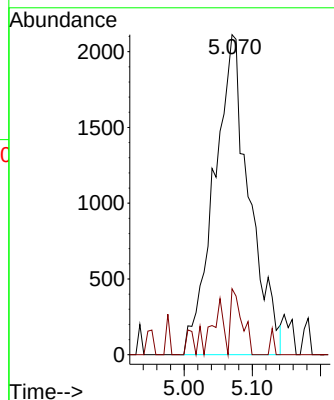
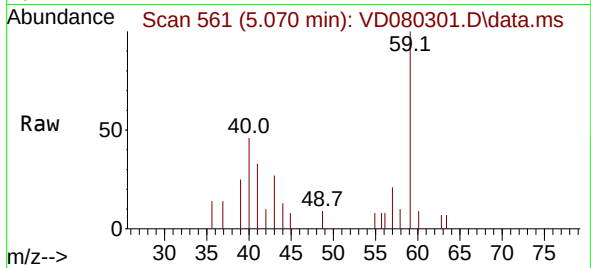




#11
Tert butyl alcohol
Concen: 96.666 ug/l
RT: 5.070 min Scan# 50
Delta R.T. 0.012 min
Lab File: VD080301.D
Acq: 13 May 2025 14:43

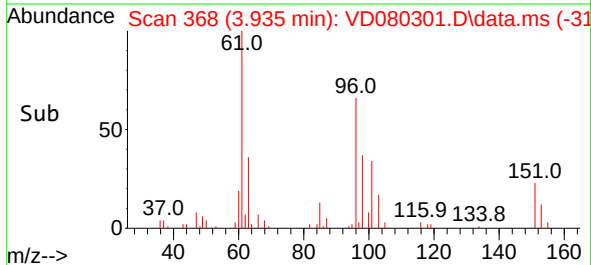
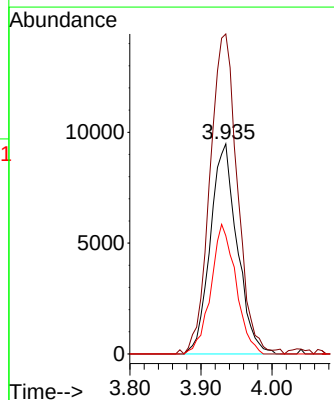
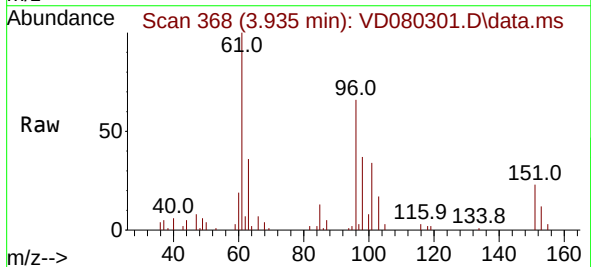
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS01

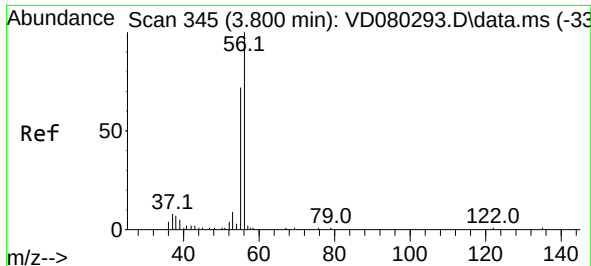
Tgt Ion: 59 Resp: 7586
Ion Ratio Lower Upper
59 100
57 6.7 4.8 7.2



#12
1,1-Dichloroethene
Concen: 20.537 ug/l
RT: 3.935 min Scan# 368
Delta R.T. -0.005 min
Lab File: VD080301.D
Acq: 13 May 2025 14:43

Tgt Ion: 96 Resp: 24869
Ion Ratio Lower Upper
96 100
61 150.3 122.6 184.0
98 56.3 47.1 70.7

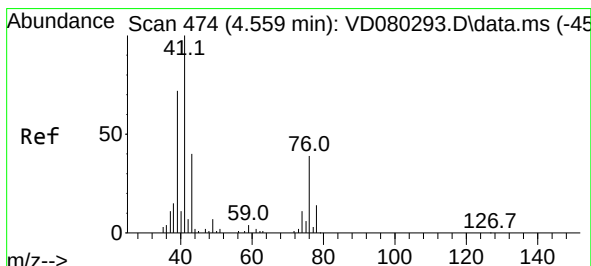
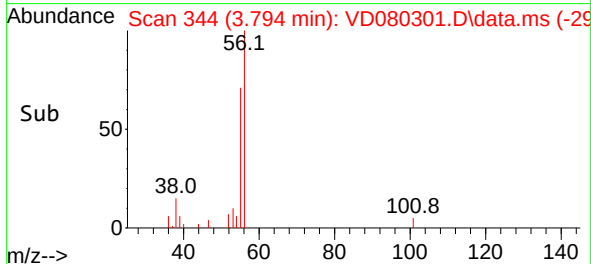
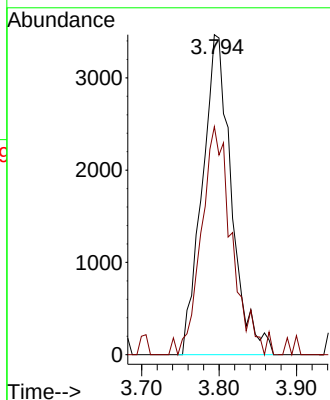
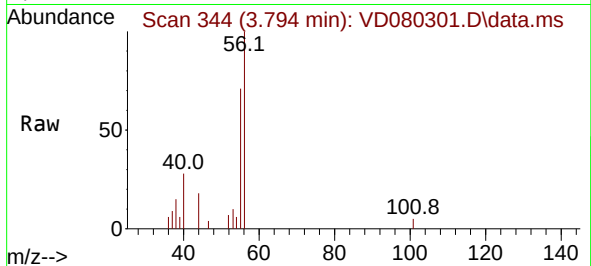




#13
Acrolein
Concen: 65.774 ug/l
RT: 3.794 min Scan# 345
Delta R.T. 0.001 min
Lab File: VD080301.D
Acq: 13 May 2025 14:43

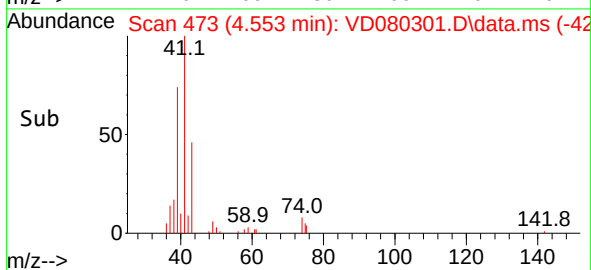
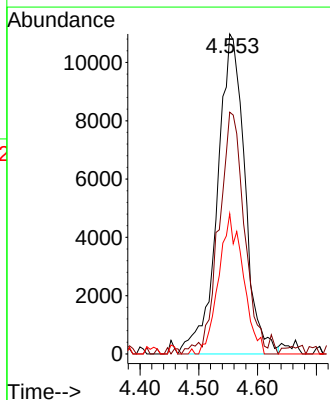
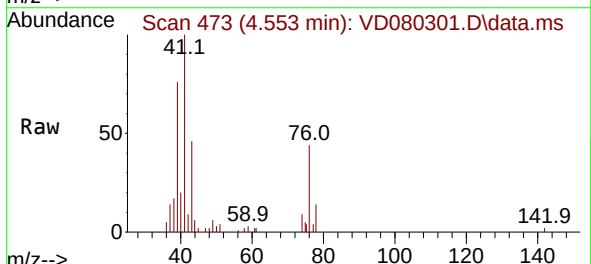
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS01

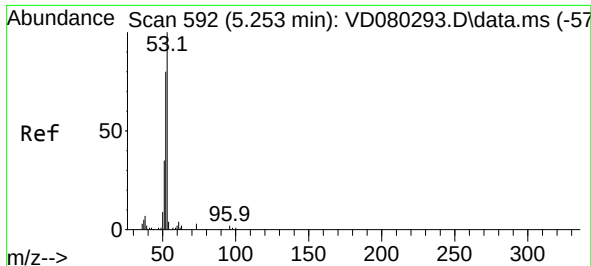
Tgt Ion: 56 Resp: 9082
Ion Ratio Lower Upper
56 100
55 73.8 58.2 87.2



#14
Allyl chloride
Concen: 18.655 ug/l
RT: 4.553 min Scan# 473
Delta R.T. -0.011 min
Lab File: VD080301.D
Acq: 13 May 2025 14:43

Tgt Ion: 41 Resp: 35527
Ion Ratio Lower Upper
41 100
39 70.4 53.3 79.9
76 39.0 32.0 48.0

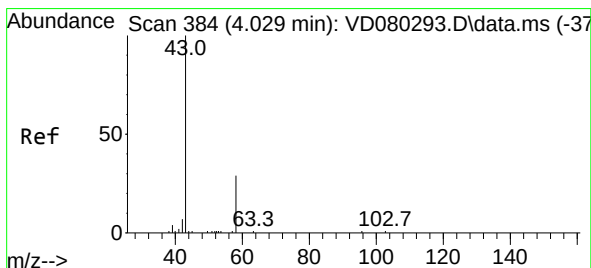
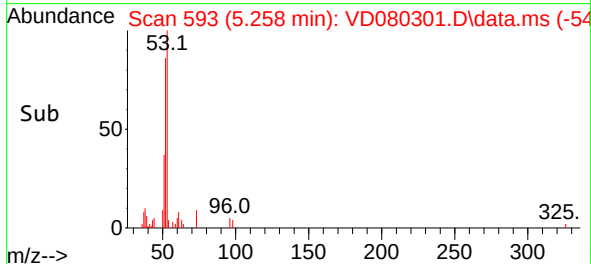
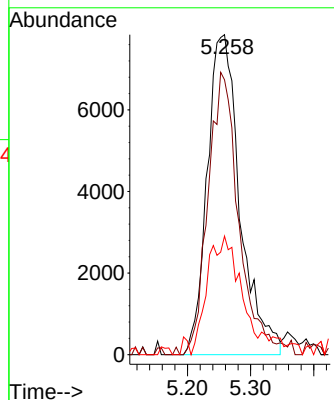
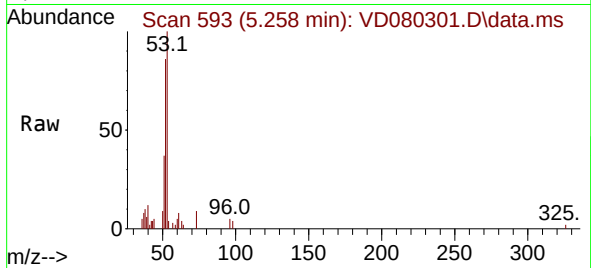




#15
Acrylonitrile
Concen: 95.721 ug/l
RT: 5.258 min Scan# 593
Delta R.T. 0.006 min
Lab File: VD080301.D
Acq: 13 May 2025 14:43

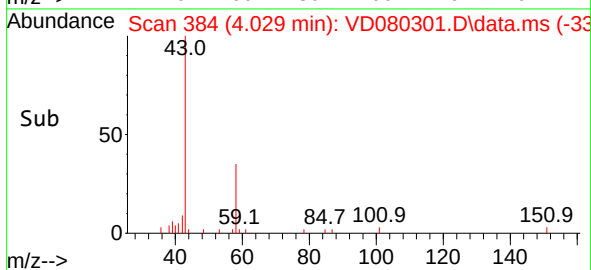
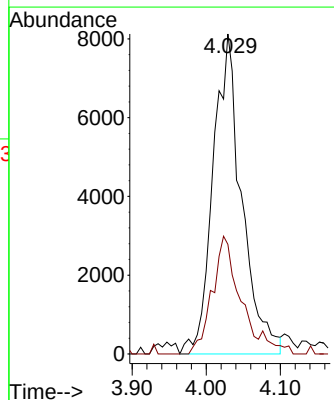
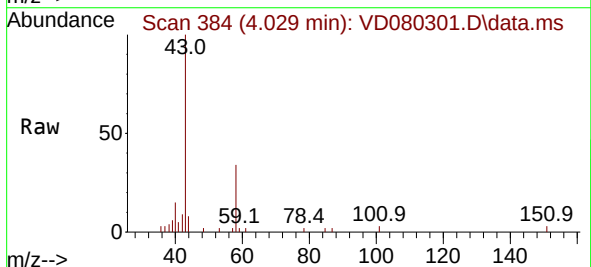
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS01

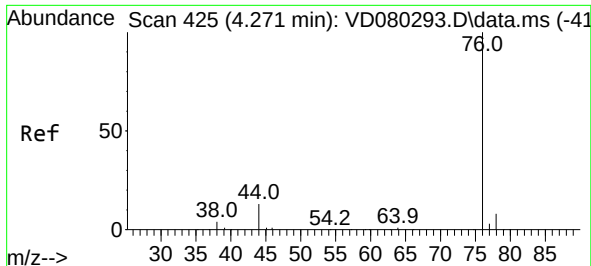
Tgt Ion: 53 Resp: 28319
Ion Ratio Lower Upper
53 100
52 83.0 66.2 99.4
51 13.8 30.3 45.5#



#16
Acetone
Concen: 100.322 ug/l
RT: 4.029 min Scan# 384
Delta R.T. 0.006 min
Lab File: VD080301.D
Acq: 13 May 2025 14:43

Tgt Ion: 43 Resp: 21817
Ion Ratio Lower Upper
43 100
58 34.2 25.4 38.2

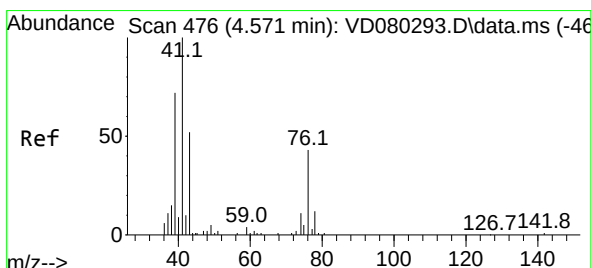
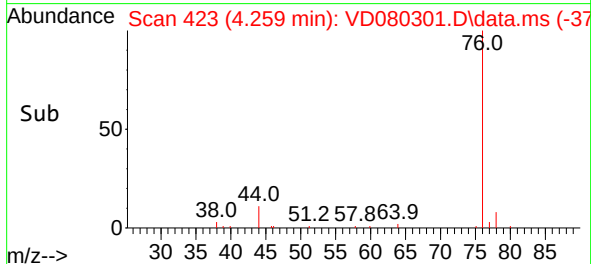
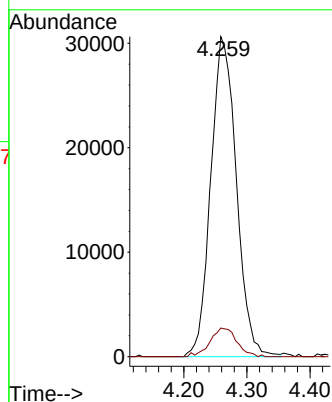
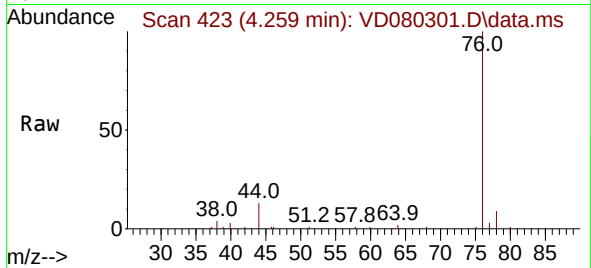




#17
Carbon Disulfide
Concen: 20.486 ug/l
RT: 4.259 min Scan# 41
Delta R.T. -0.011 min
Lab File: VD080301.D
Acq: 13 May 2025 14:43

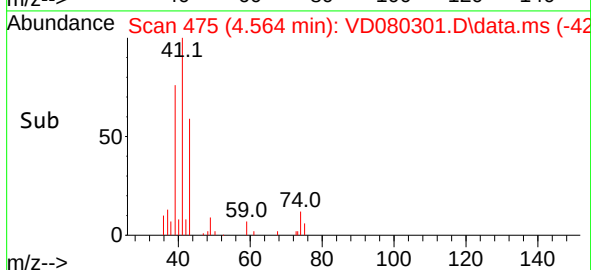
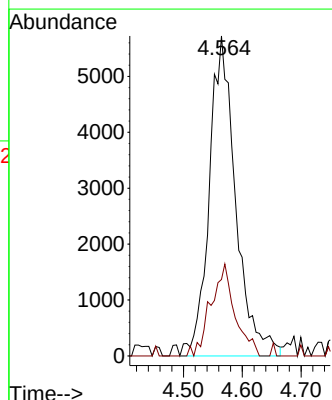
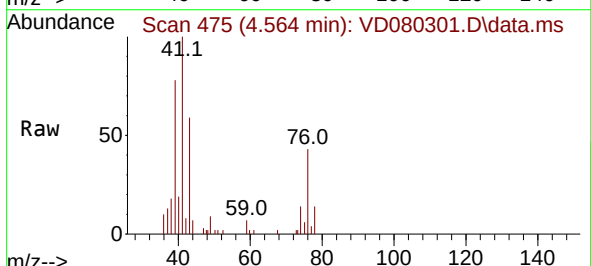
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS01

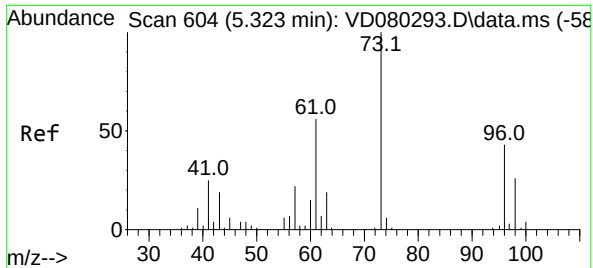
Tgt Ion: 76 Resp: 86145
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3



#18
Methyl Acetate
Concen: 21.424 ug/l
RT: 4.564 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD080301.D
Acq: 13 May 2025 14:43

Tgt Ion: 43 Resp: 17928
Ion Ratio Lower Upper
43 100
74 26.0 20.5 30.7

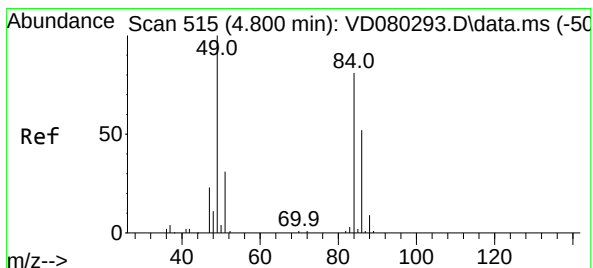
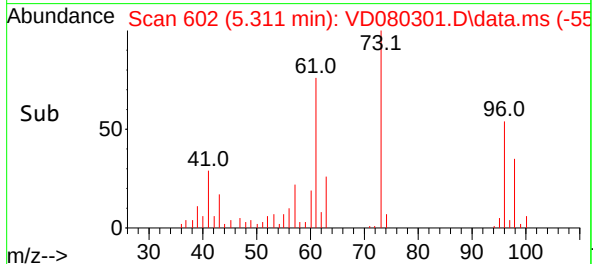
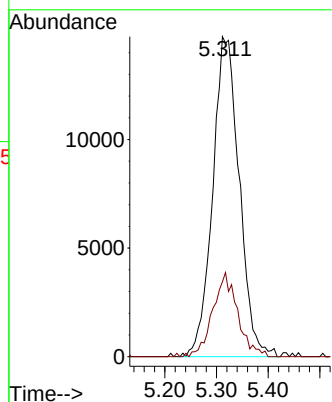
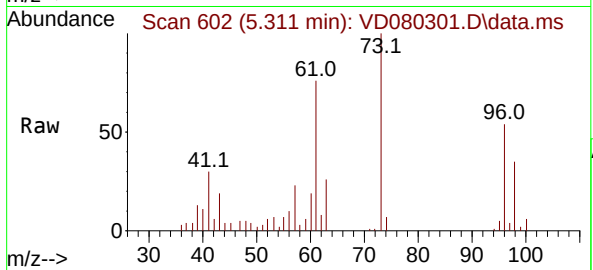




#19
Methyl tert-butyl Ether
Concen: 19.781 ug/l
RT: 5.311 min Scan# 604
Delta R.T. -0.011 min
Lab File: VD080301.D
Acq: 13 May 2025 14:43

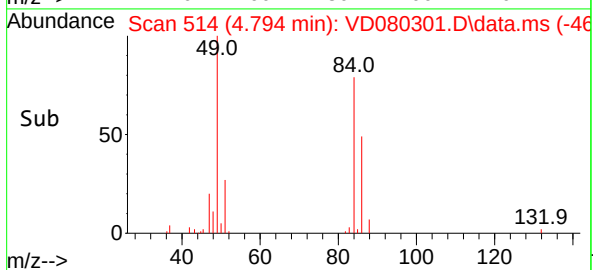
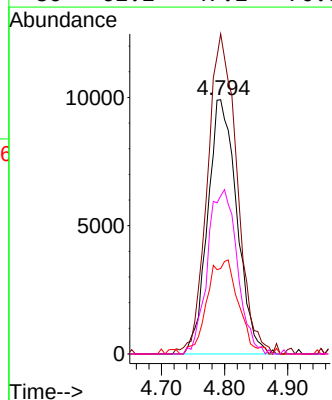
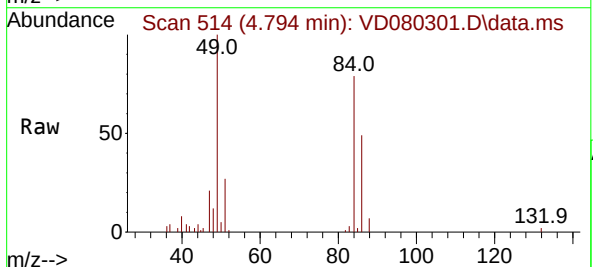
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS01

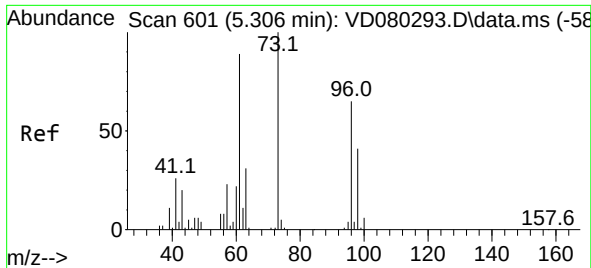
Tgt Ion: 73 Resp: 52622
Ion Ratio Lower Upper
73 100
57 23.4 18.8 28.2



#20
Methylene Chloride
Concen: 20.778 ug/l
RT: 4.794 min Scan# 514
Delta R.T. -0.011 min
Lab File: VD080301.D
Acq: 13 May 2025 14:43

Tgt Ion: 84 Resp: 31787
Ion Ratio Lower Upper
84 100
49 125.9 86.5 129.7
51 33.6 26.9 40.3
86 62.2 47.2 70.8

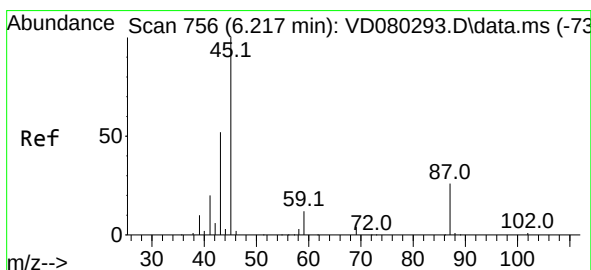
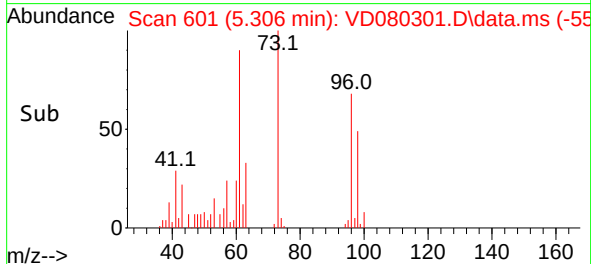
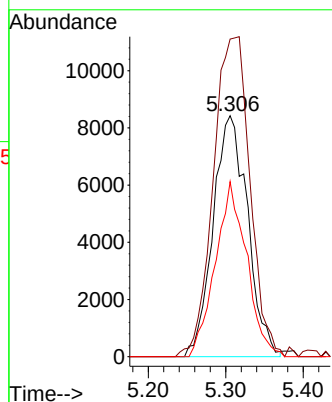
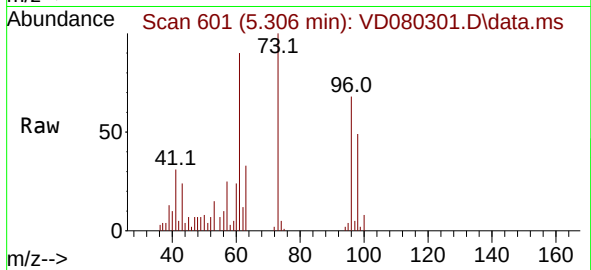




#21
trans-1,2-Dichloroethene
Concen: 19.826 ug/l
RT: 5.306 min Scan# 601
Delta R.T. -0.005 min
Lab File: VD080301.D
Acq: 13 May 2025 14:43

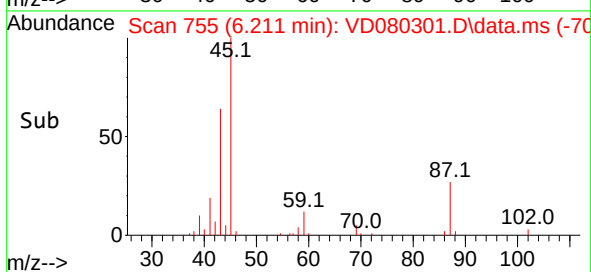
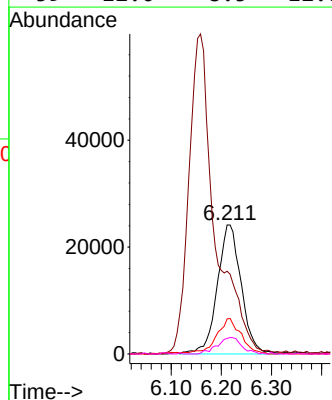
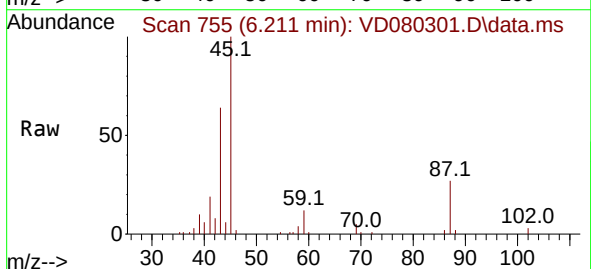
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS01

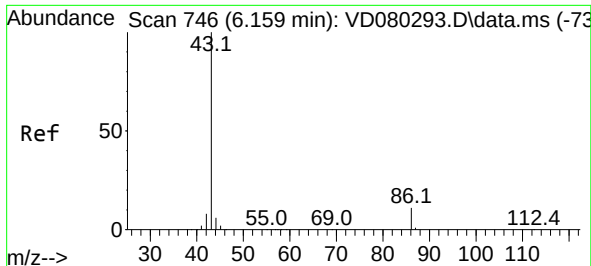
Tgt Ion: 96 Resp: 26082
Ion Ratio Lower Upper
96 100
61 129.9 109.4 164.0
98 72.6 49.8 74.8



#22
Diisopropyl ether
Concen: 20.370 ug/l
RT: 6.211 min Scan# 755
Delta R.T. -0.005 min
Lab File: VD080301.D
Acq: 13 May 2025 14:43

Tgt Ion: 45 Resp: 79913
Ion Ratio Lower Upper
45 100
43 62.7 42.6 63.8
87 26.4 22.7 34.1
59 12.0 8.5 12.7

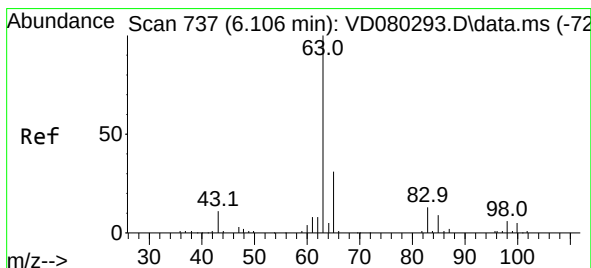
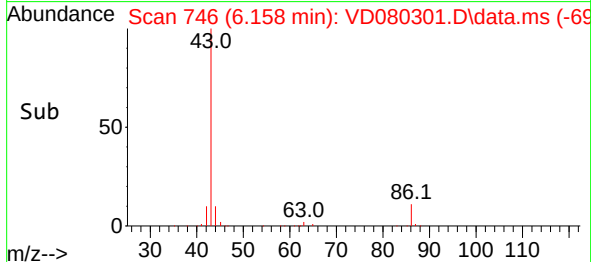
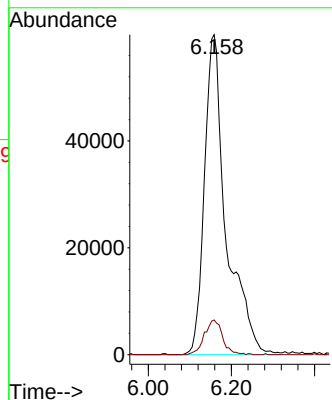
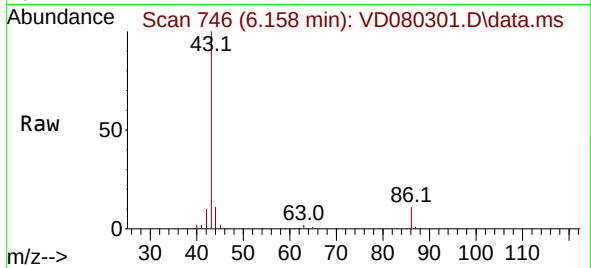




#23
 Vinyl Acetate
 Concen: 95.177 ug/l
 RT: 6.158 min Scan# 746
 Delta R.T. 0.000 min
 Lab File: VD080301.D
 Acq: 13 May 2025 14:43

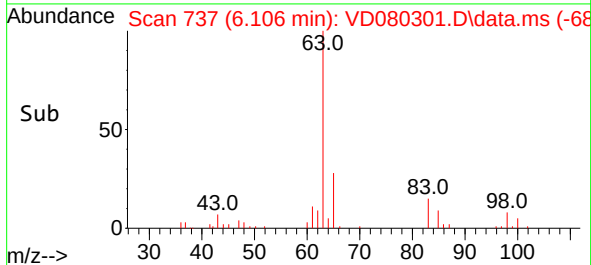
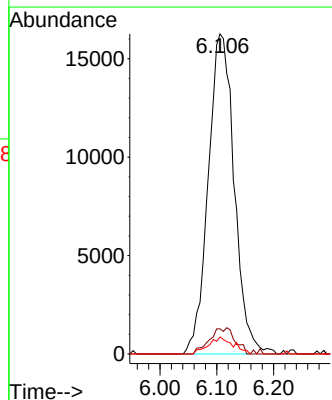
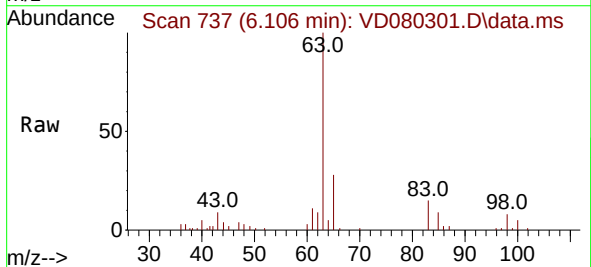
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0513SBS01

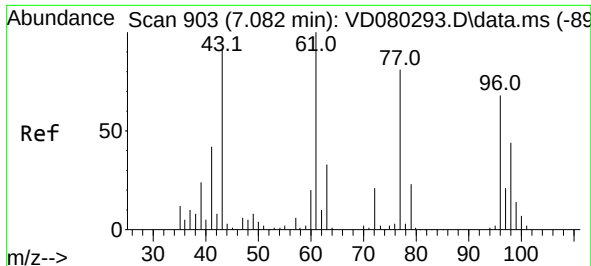
Tgt Ion: 43 Resp: 217469
 Ion Ratio Lower Upper
 43 100
 86 10.9 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 20.964 ug/l
 RT: 6.106 min Scan# 737
 Delta R.T. -0.011 min
 Lab File: VD080301.D
 Acq: 13 May 2025 14:43

Tgt Ion: 63 Resp: 51752
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.5 10.6
 100 5.3 2.1 6.5

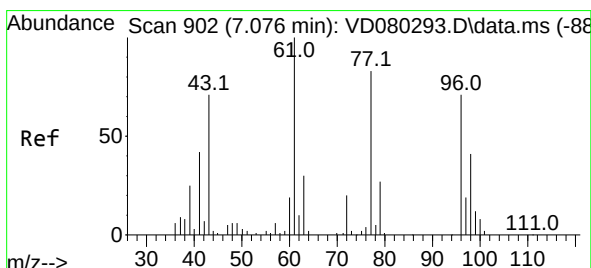
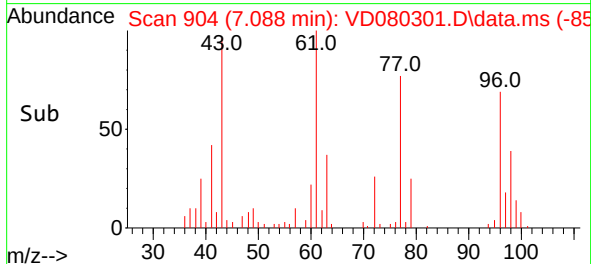
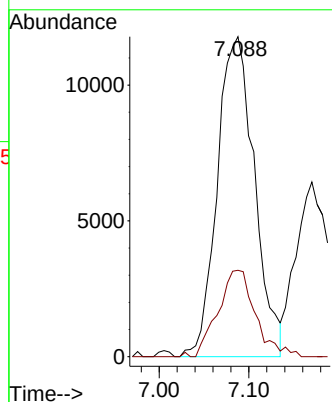
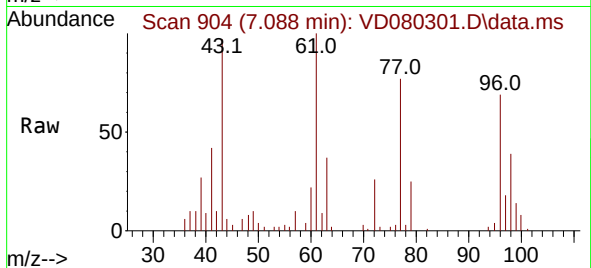




#25
2-Butanone
Concen: 95.317 ug/l
RT: 7.088 min Scan# 904
Delta R.T. 0.001 min
Lab File: VD080301.D
Acq: 13 May 2025 14:43

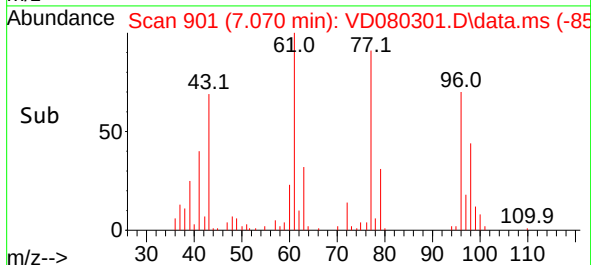
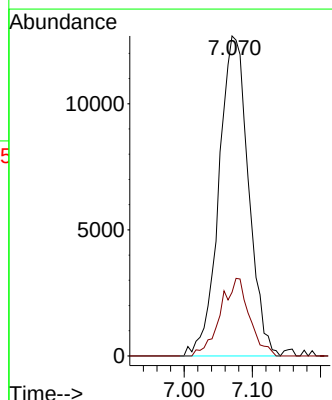
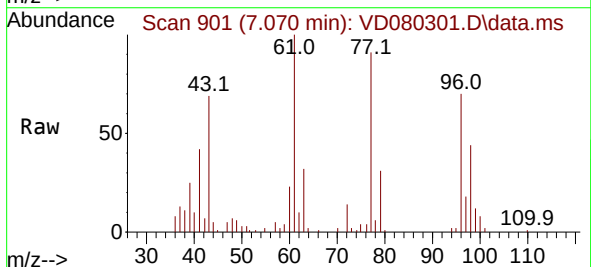
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS01

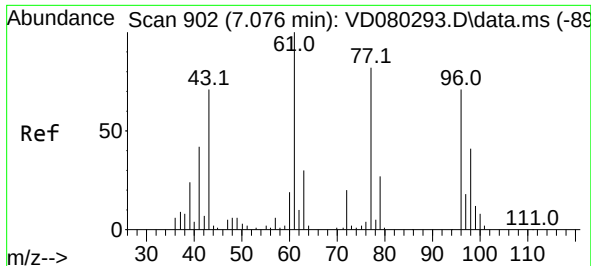
Tgt Ion: 43 Resp: 33917
Ion Ratio Lower Upper
43 100
72 27.0 22.3 33.5



#26
2,2-Dichloropropane
Concen: 19.492 ug/l
RT: 7.070 min Scan# 901
Delta R.T. -0.005 min
Lab File: VD080301.D
Acq: 13 May 2025 14:43

Tgt Ion: 77 Resp: 38290
Ion Ratio Lower Upper
77 100
97 23.8 11.9 35.9

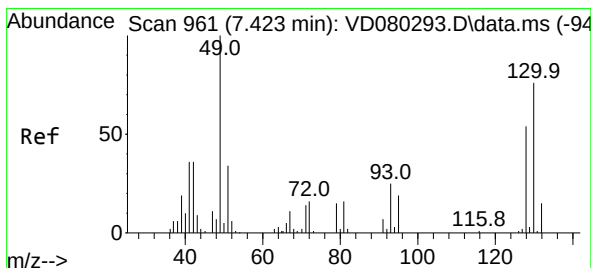
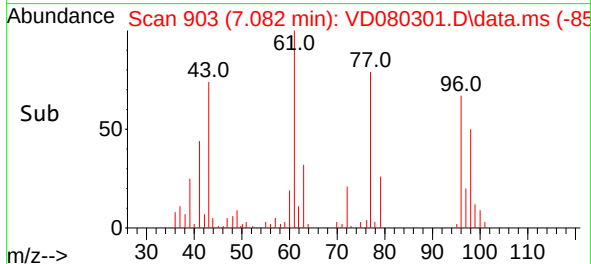
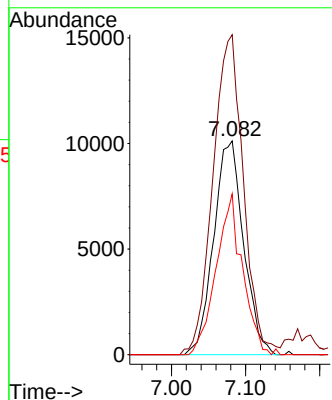
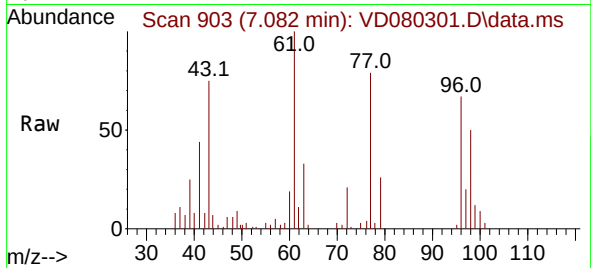




#27
 cis-1,2-Dichloroethene
 Concen: 19.485 ug/l
 RT: 7.082 min Scan# 903
 Delta R.T. 0.001 min
 Lab File: VD080301.D
 Acq: 13 May 2025 14:43

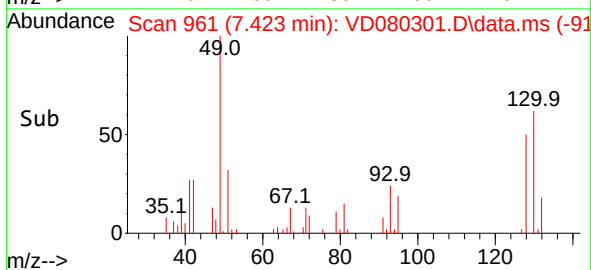
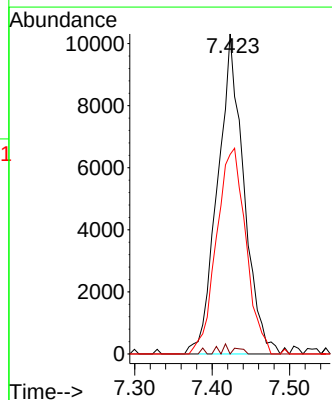
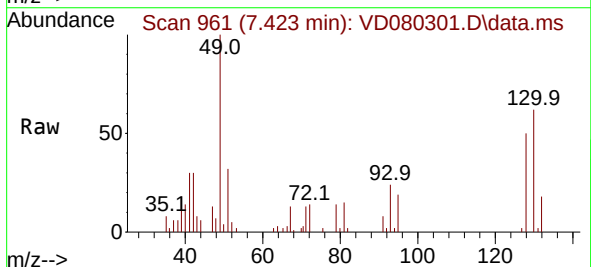
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0513SBS01

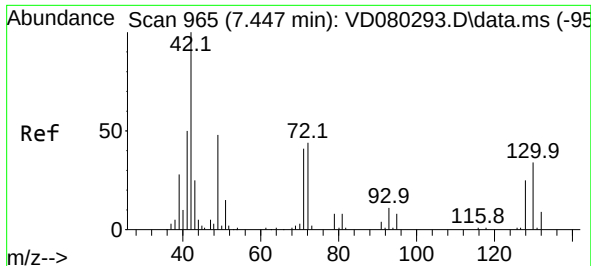
Tgt Ion: 96 Resp: 28399
 Ion Ratio Lower Upper
 96 100
 61 152.5 0.0 278.2
 98 66.2 0.0 127.8



#28
 Bromochloromethane
 Concen: 21.099 ug/l
 RT: 7.423 min Scan# 961
 Delta R.T. -0.005 min
 Lab File: VD080301.D
 Acq: 13 May 2025 14:43

Tgt Ion: 49 Resp: 24252
 Ion Ratio Lower Upper
 49 100
 129 0.5 0.0 2.2
 130 72.0 64.6 97.0





#29

Tetrahydrofuran

Concen: 100.849 ug/l

RT: 7.447 min Scan# 90

Delta R.T. 0.001 min

Lab File: VD080301.D

Acq: 13 May 2025 14:43

Instrument :

MSVOA_D

ClientSampleId :

VD0513SBS01

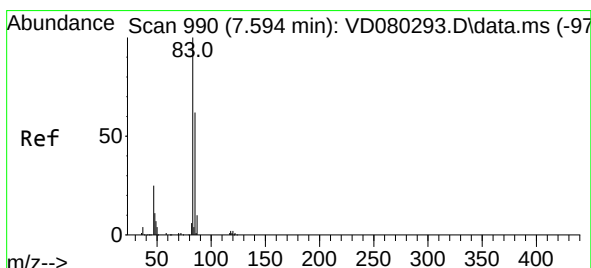
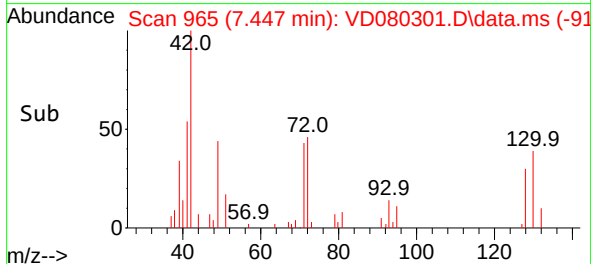
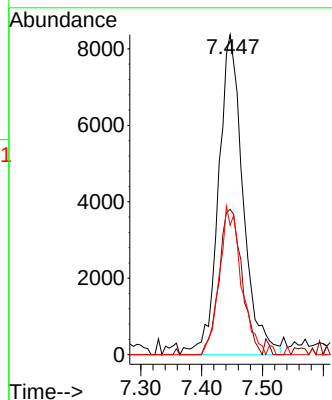
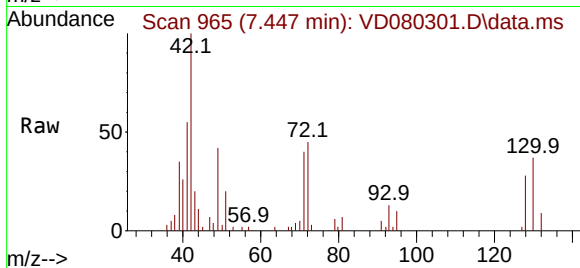
Tgt Ion: 42 Resp: 23398

Ion Ratio Lower Upper

42 100

72 42.5 36.7 55.1

71 41.3 34.4 51.6



#30

Chloroform

Concen: 21.606 ug/l

RT: 7.594 min Scan# 990

Delta R.T. -0.005 min

Lab File: VD080301.D

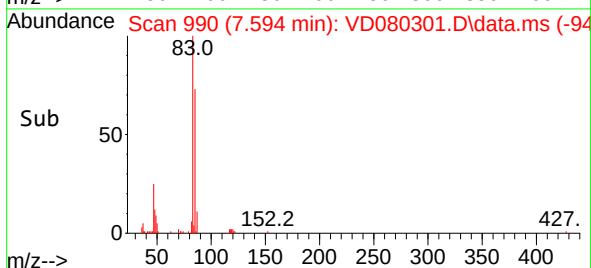
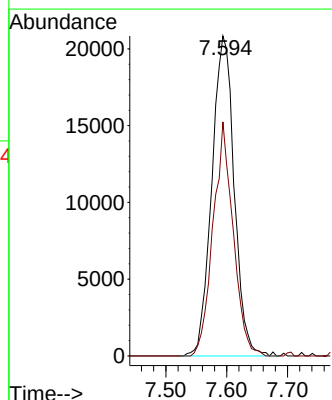
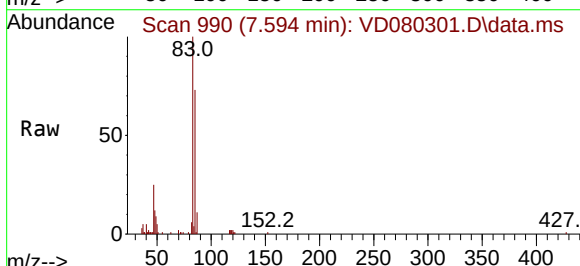
Acq: 13 May 2025 14:43

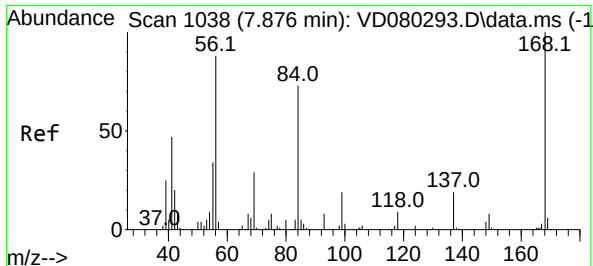
Tgt Ion: 83 Resp: 53189

Ion Ratio Lower Upper

83 100

85 73.1 50.8 76.2

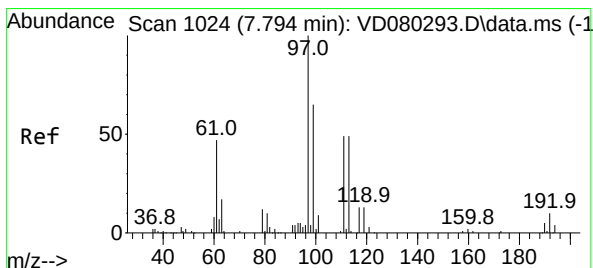
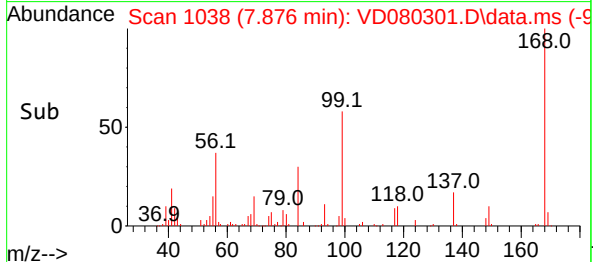
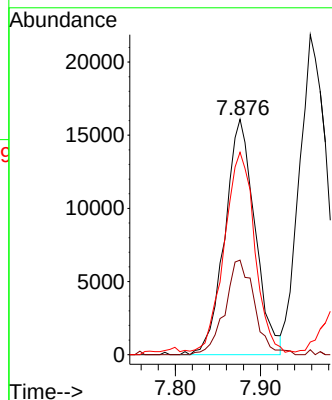
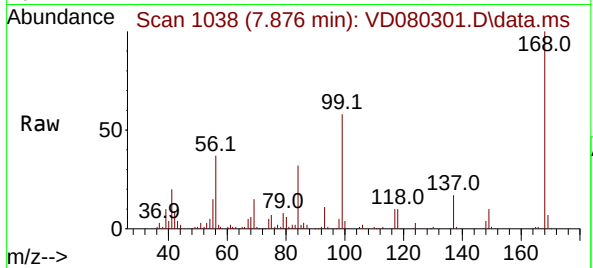




#31
Cyclohexane
Concen: 18.870 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. -0.005 min
Lab File: VD080301.D
Acq: 13 May 2025 14:43

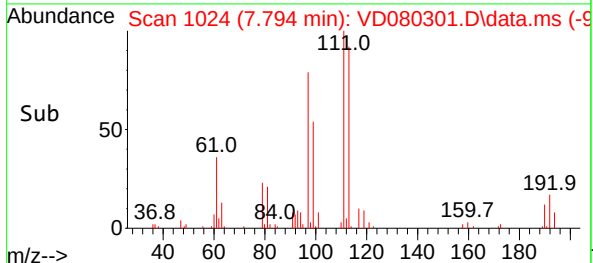
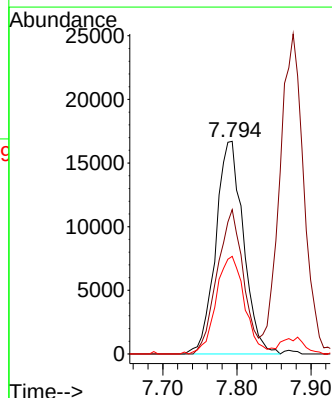
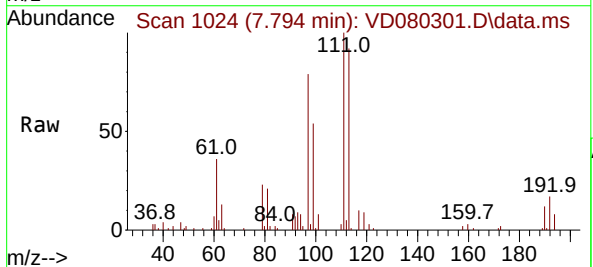
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS01

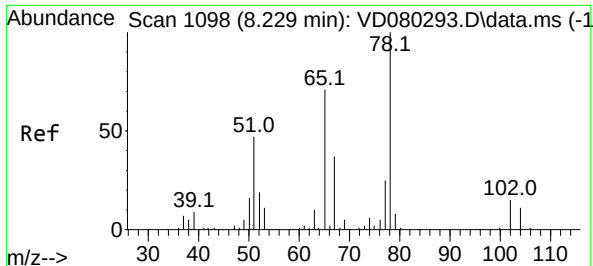
Tgt Ion: 56 Resp: 39648
Ion Ratio Lower Upper
56 100
69 40.2 27.3 40.9
84 84.7 70.2 105.4



#32
1,1,1-Trichloroethane
Concen: 21.523 ug/l
RT: 7.794 min Scan# 1024
Delta R.T. 0.001 min
Lab File: VD080301.D
Acq: 13 May 2025 14:43

Tgt Ion: 97 Resp: 43228
Ion Ratio Lower Upper
97 100
99 64.1 50.7 76.1
61 47.3 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 52.545 ug/l

RT: 8.223 min Scan# 1109

Delta R.T. -0.005 min

Lab File: VD080301.D

Acq: 13 May 2025 14:43

Instrument :

MSVOA_D

ClientSampleId :

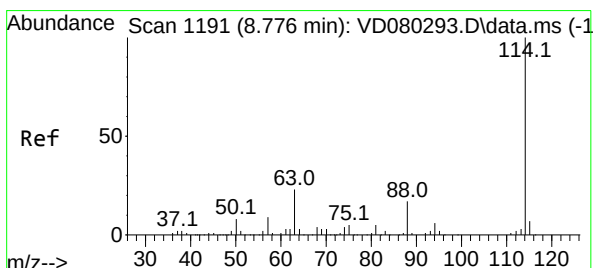
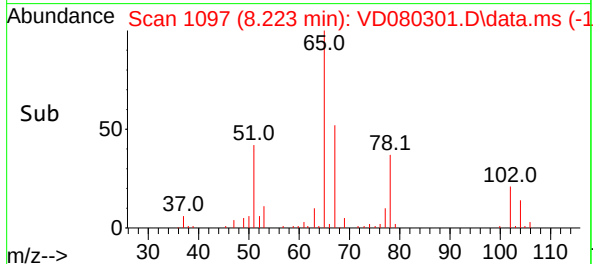
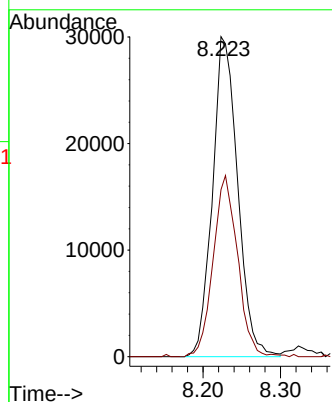
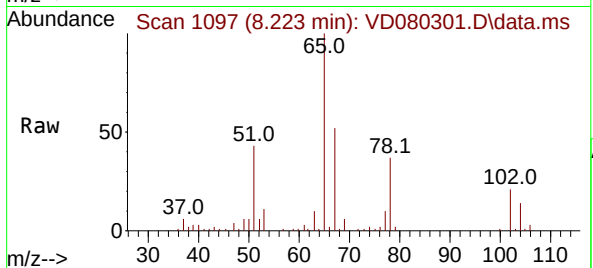
VD0513SBS01

Tgt Ion: 65 Resp: 67954

Ion Ratio Lower Upper

65 100

67 54.9 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: VD080301.D

Acq: 13 May 2025 14:43

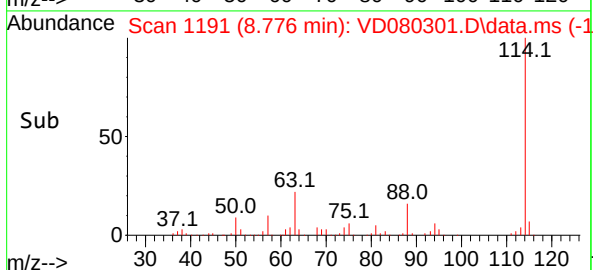
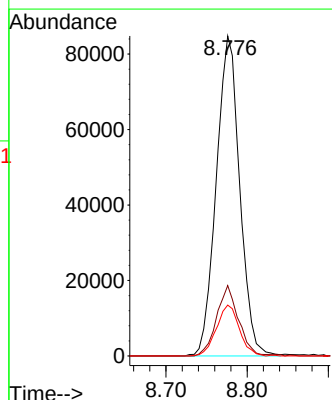
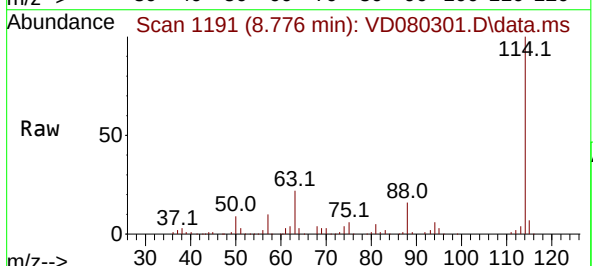
Tgt Ion: 114 Resp: 170350

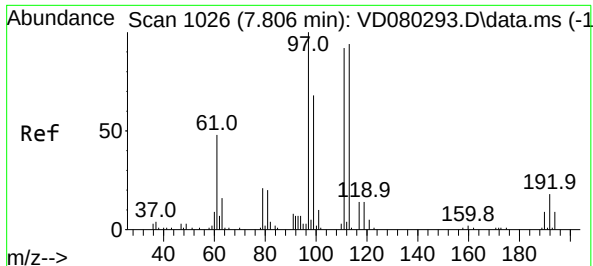
Ion Ratio Lower Upper

114 100

63 22.0 0.0 38.8

88 15.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 55.031 ug/l

RT: 7.800 min Scan# 1026

Delta R.T. -0.005 min

Lab File: VD080301.D

Acq: 13 May 2025 14:43

Instrument :

MSVOA_D

ClientSampleId :

VD0513SBS01

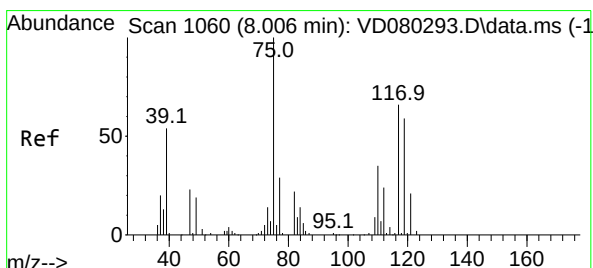
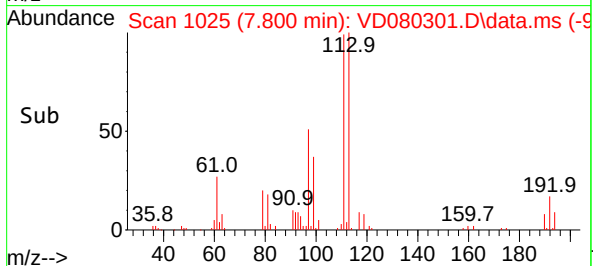
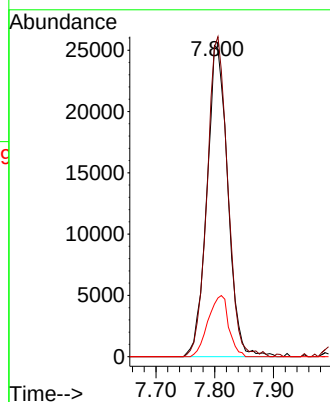
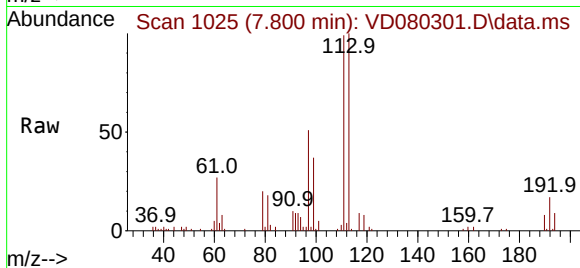
Tgt Ion:113 Resp: 62831

Ion Ratio Lower Upper

113 100

111 101.3 82.5 123.7

192 19.3 16.6 25.0



#36

1,1-Dichloropropene

Concen: 20.191 ug/l

RT: 8.005 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VD080301.D

Acq: 13 May 2025 14:43

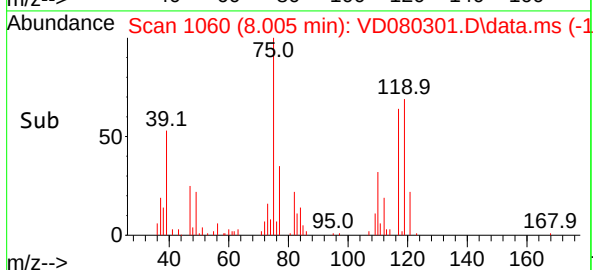
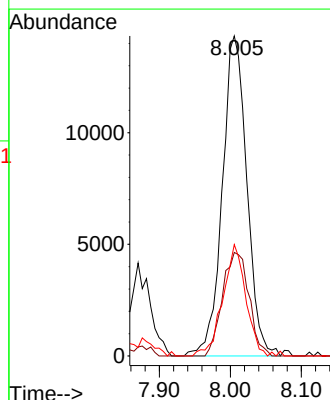
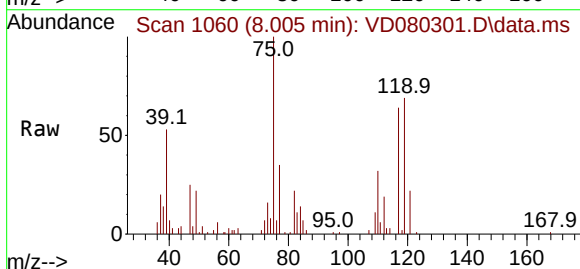
Tgt Ion: 75 Resp: 34453

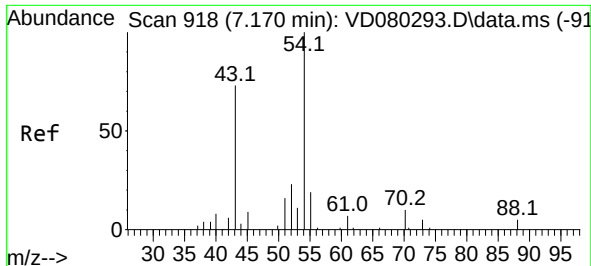
Ion Ratio Lower Upper

75 100

110 34.9 18.4 55.0

77 32.5 25.6 38.4





#37

Ethyl Acetate

Concen: 18.209 ug/l

RT: 7.170 min Scan# 91

Delta R.T. 0.001 min

Lab File: VD080301.D

Acq: 13 May 2025 14:43

Instrument :

MSVOA_D

ClientSampleId :

VD0513SBS01

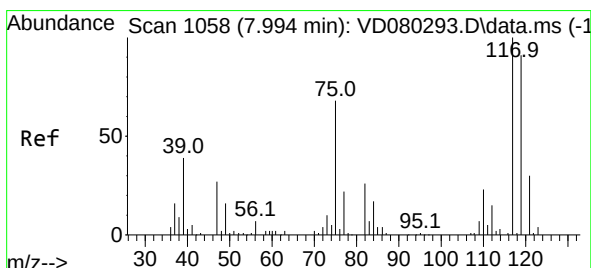
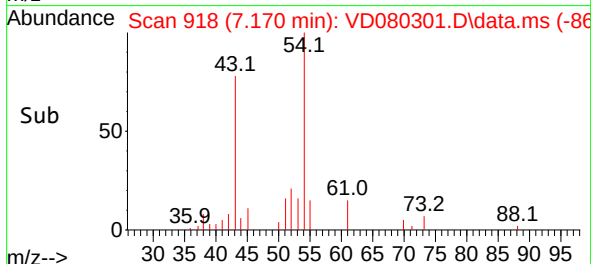
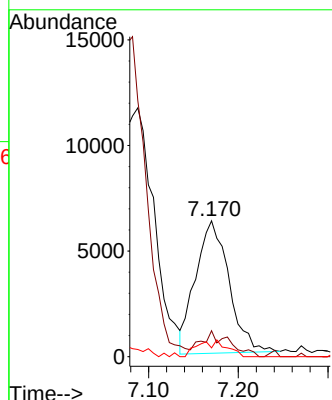
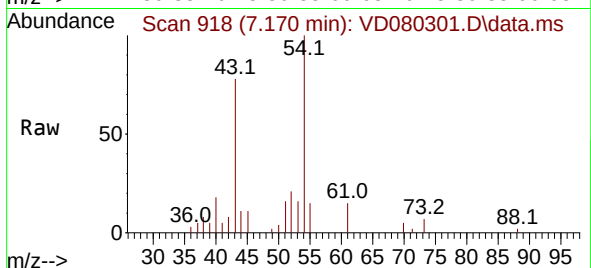
Tgt Ion: 43 Resp: 16248

Ion Ratio Lower Upper

43 100

61 16.3 11.0 16.4

70 5.7 9.4 14.2#



#38

Carbon Tetrachloride

Concen: 21.919 ug/l

RT: 7.988 min Scan# 1057

Delta R.T. 0.001 min

Lab File: VD080301.D

Acq: 13 May 2025 14:43

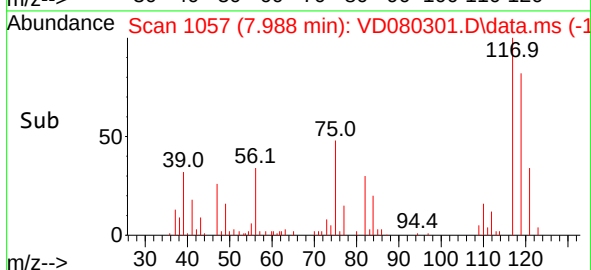
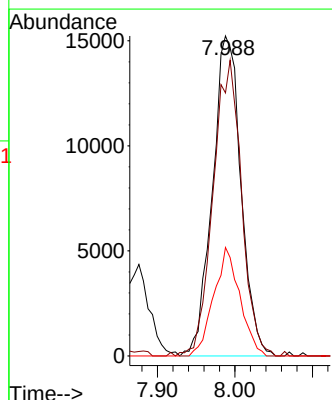
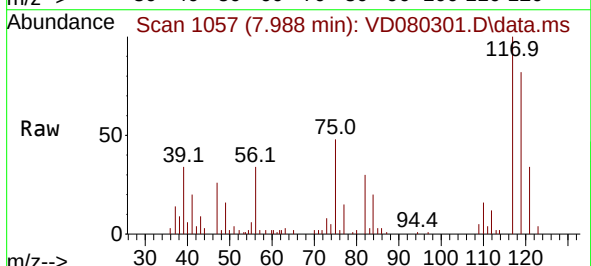
Tgt Ion: 117 Resp: 39006

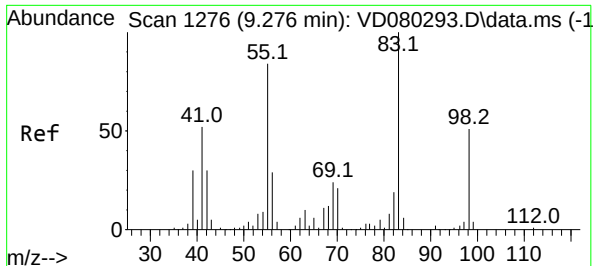
Ion Ratio Lower Upper

117 100

119 82.2 73.4 110.0

121 33.9 24.5 36.7





#39

Methylcyclohexane

Concen: 18.501 ug/l

RT: 9.270 min Scan# 1127

Delta R.T. -0.005 min

Lab File: VD080301.D

Acq: 13 May 2025 14:43

Instrument :

MSVOA_D

ClientSampleId :

VD0513SBS01

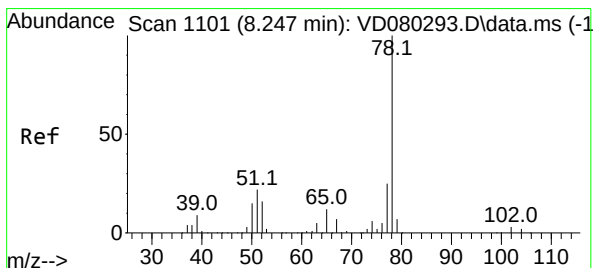
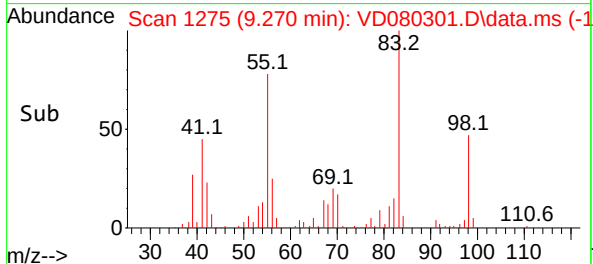
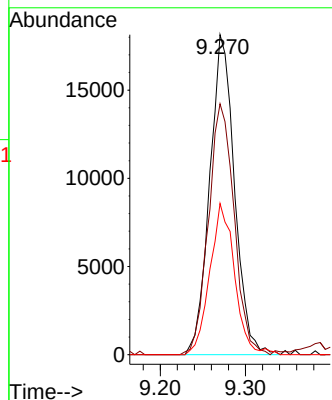
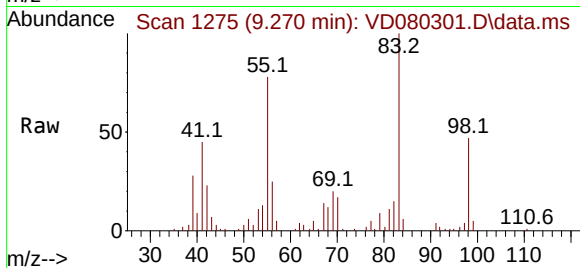
Tgt Ion: 83 Resp: 36634

Ion Ratio Lower Upper

83 100

55 78.4 62.0 93.0

98 47.3 38.7 58.1



#40

Benzene

Concen: 21.054 ug/l

RT: 8.247 min Scan# 1101

Delta R.T. -0.005 min

Lab File: VD080301.D

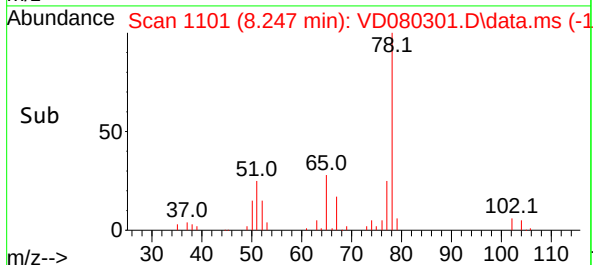
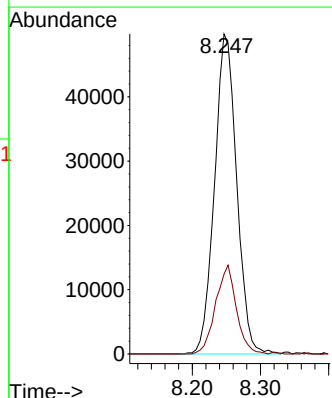
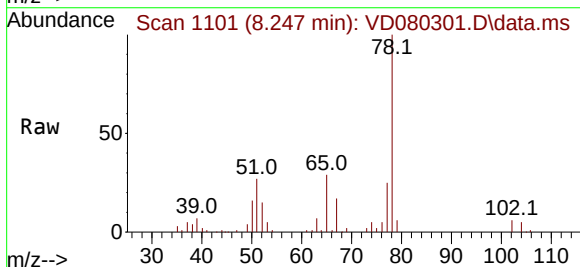
Acq: 13 May 2025 14:43

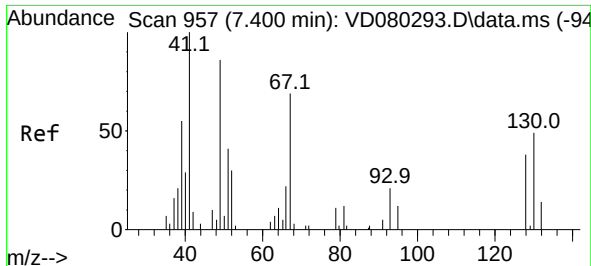
Tgt Ion: 78 Resp: 112566

Ion Ratio Lower Upper

78 100

77 25.0 20.2 30.4

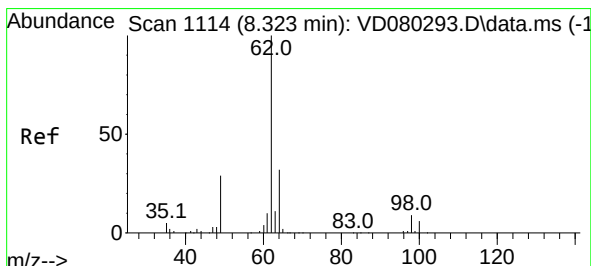
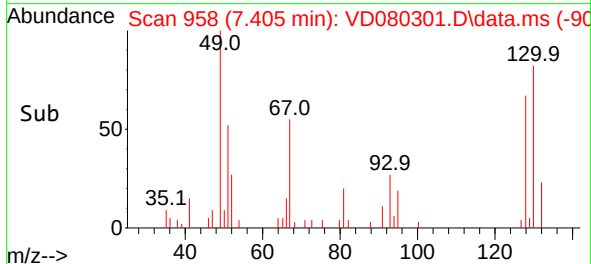
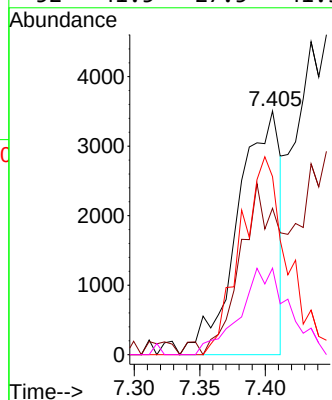
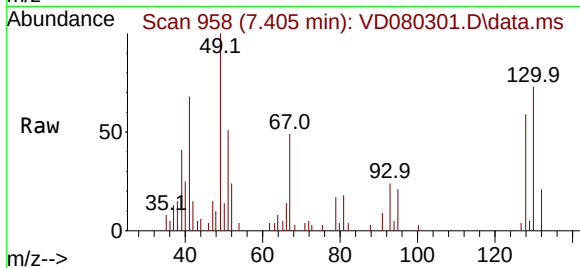




#41
Methacrylonitrile
Concen: 15.916 ug/l
RT: 7.405 min Scan# 911
Delta R.T. 0.006 min
Lab File: VD080301.D
Acq: 13 May 2025 14:43

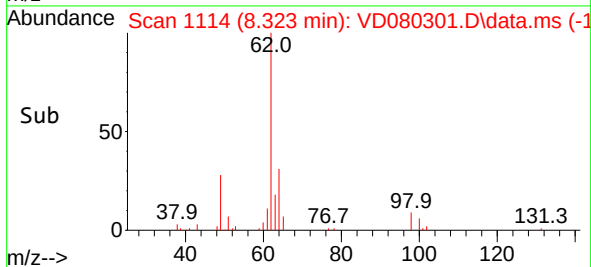
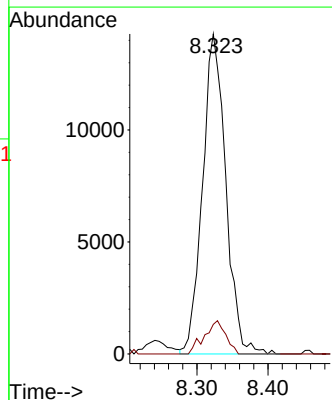
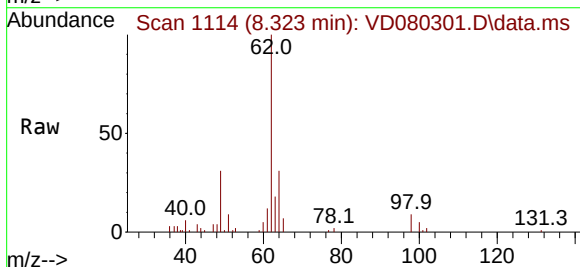
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS01

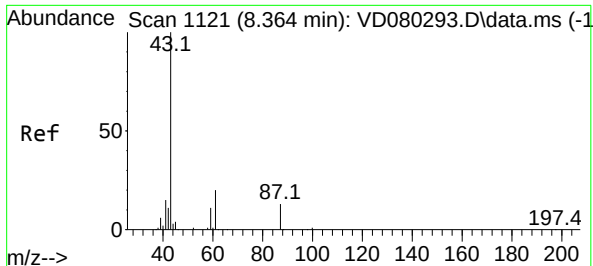
Tgt Ion: 41 Resp: 7859
Ion Ratio Lower Upper
41 100
39 67.9 47.8 71.8
67 88.9 64.9 97.3
52 41.5 27.5 41.3#



#42
1,2-Dichloroethane
Concen: 20.994 ug/l
RT: 8.323 min Scan# 1114
Delta R.T. -0.005 min
Lab File: VD080301.D
Acq: 13 May 2025 14:43

Tgt Ion: 62 Resp: 32525
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.8





#43

Isopropyl Acetate

Concen: 19.460 ug/l

RT: 8.358 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD080301.D

Acq: 13 May 2025 14:43

Instrument :

MSVOA_D

ClientSampleId :

VD0513SBS01

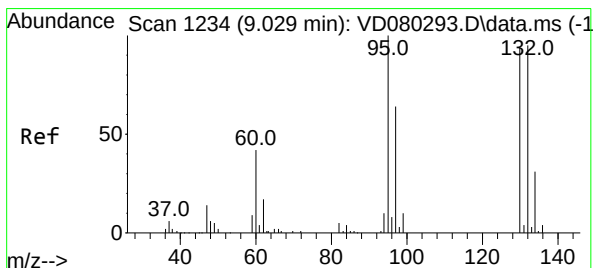
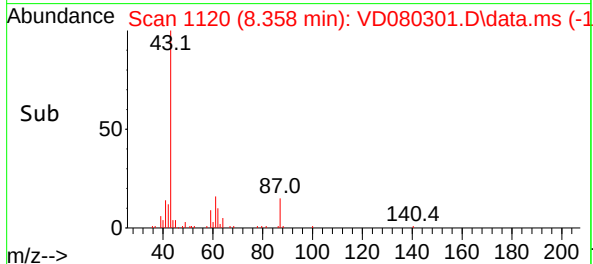
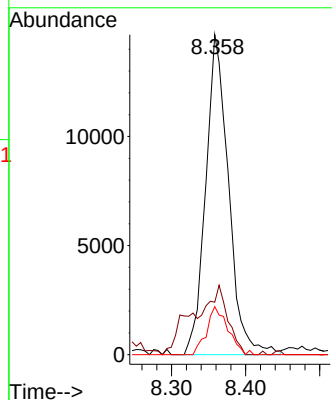
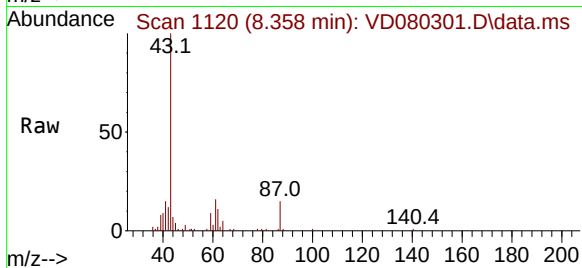
Tgt Ion: 43 Resp: 31487

Ion Ratio Lower Upper

43 100

61 20.5 26.2 39.2#

87 13.9 11.8 17.8



#44

Trichloroethene

Concen: 20.290 ug/l

RT: 9.023 min Scan# 1233

Delta R.T. -0.005 min

Lab File: VD080301.D

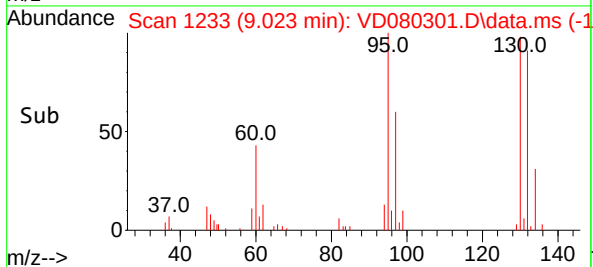
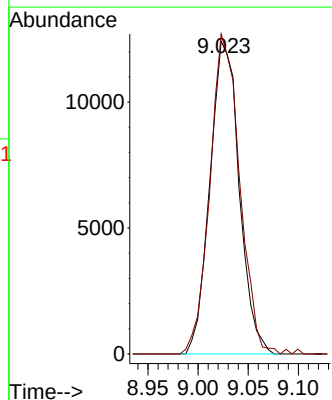
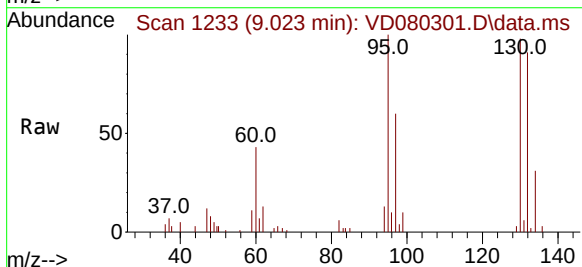
Acq: 13 May 2025 14:43

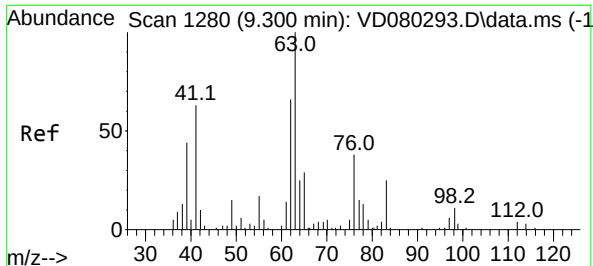
Tgt Ion:130 Resp: 25182

Ion Ratio Lower Upper

130 100

95 102.4 0.0 194.6





#45

1,2-Dichloropropane

Concen: 21.024 ug/l

RT: 9.305 min Scan# 1280

Delta R.T. 0.000 min

Lab File: VD080301.D

Acq: 13 May 2025 14:43

Instrument :

MSVOA_D

ClientSampleId :

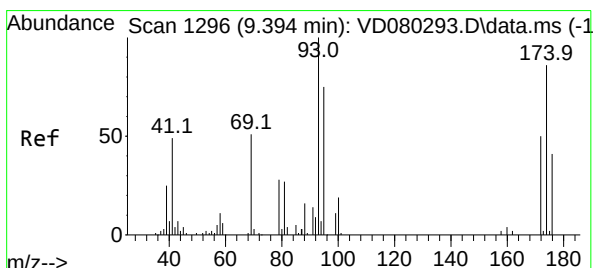
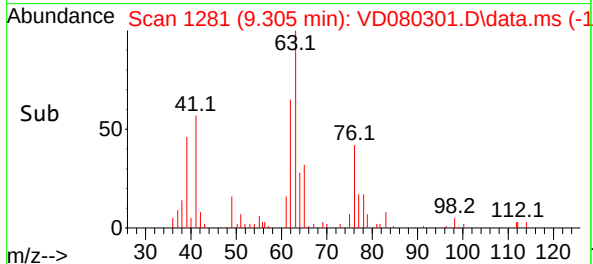
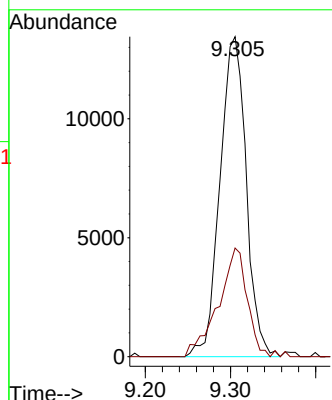
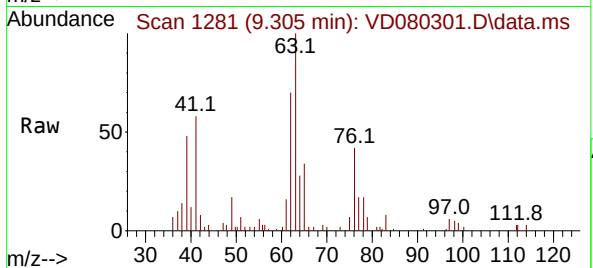
VD0513SBS01

Tgt Ion: 63 Resp: 28829

Ion Ratio Lower Upper

63 100

65 33.9 26.2 39.4



#46

Dibromomethane

Concen: 22.586 ug/l

RT: 9.394 min Scan# 1296

Delta R.T. 0.001 min

Lab File: VD080301.D

Acq: 13 May 2025 14:43

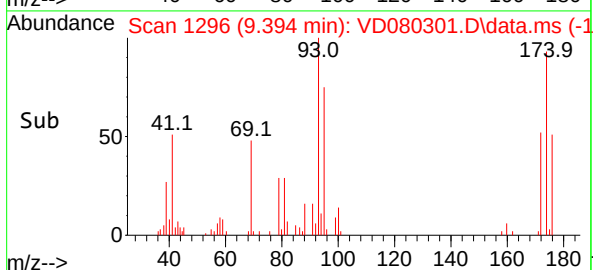
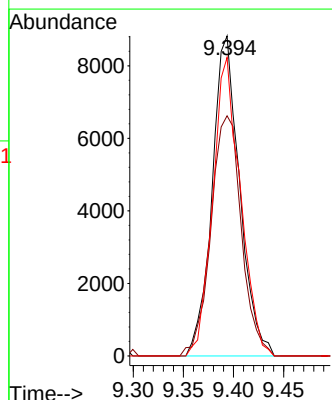
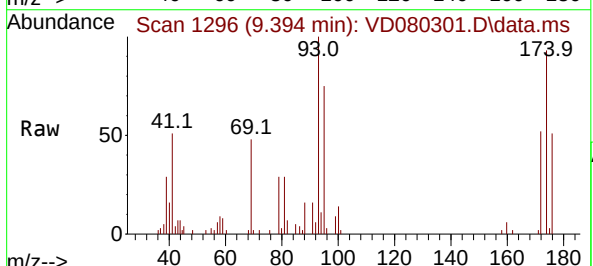
Tgt Ion: 93 Resp: 16862

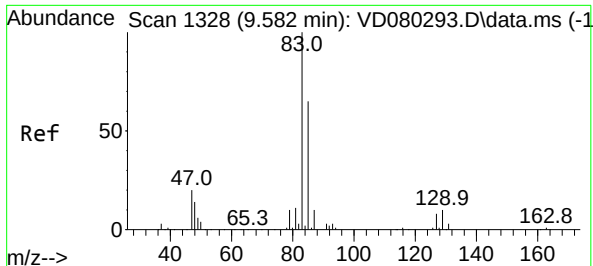
Ion Ratio Lower Upper

93 100

95 82.7 67.9 101.9

174 93.5 80.5 120.7





#47

Bromodichloromethane

Concen: 22.087 ug/l

RT: 9.582 min Scan# 11

Delta R.T. -0.005 min

Lab File: VD080301.D

Acq: 13 May 2025 14:43

Instrument :

MSVOA_D

ClientSampleId :

VD0513SBS01

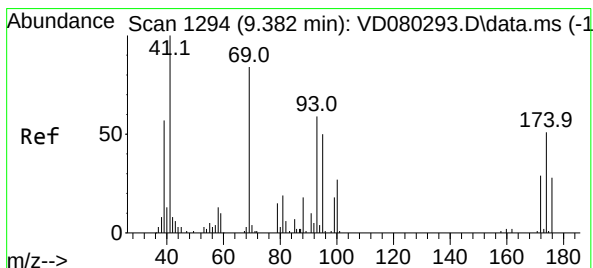
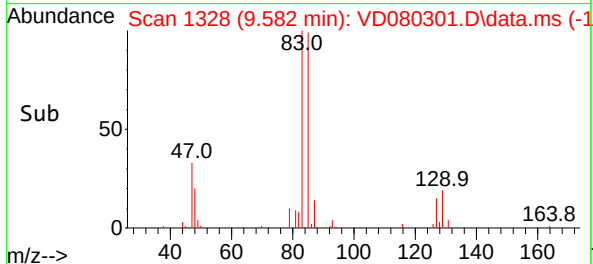
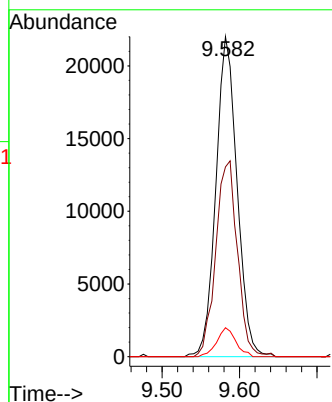
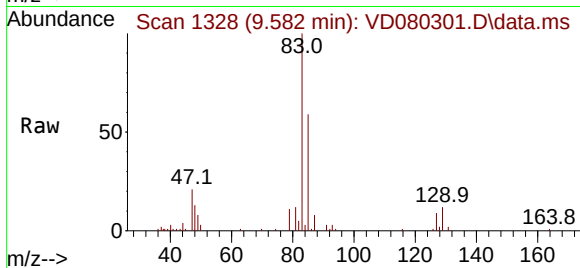
Tgt Ion: 83 Resp: 41854

Ion Ratio Lower Upper

83 100

85 59.3 50.6 75.8

127 9.1 6.1 9.1



#48

Methyl methacrylate

Concen: 17.870 ug/l

RT: 9.382 min Scan# 1294

Delta R.T. 0.001 min

Lab File: VD080301.D

Acq: 13 May 2025 14:43

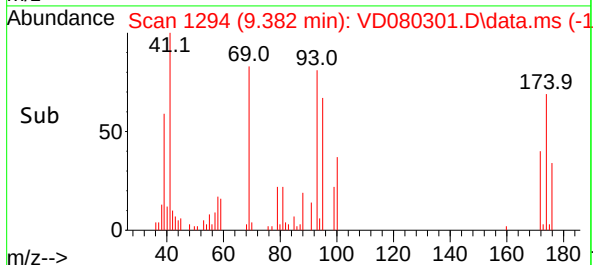
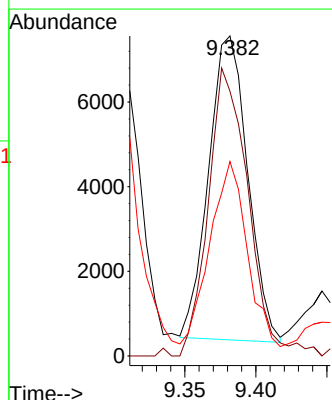
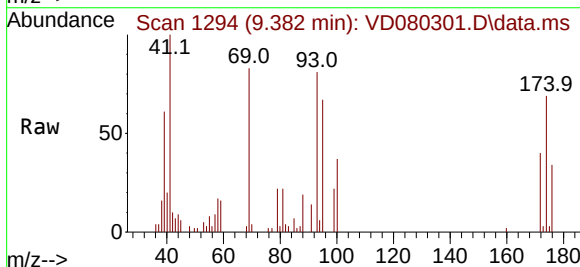
Tgt Ion: 41 Resp: 13738

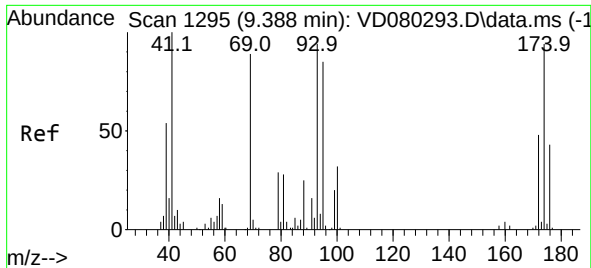
Ion Ratio Lower Upper

41 100

69 97.7 74.0 111.0

39 57.8 41.9 62.9

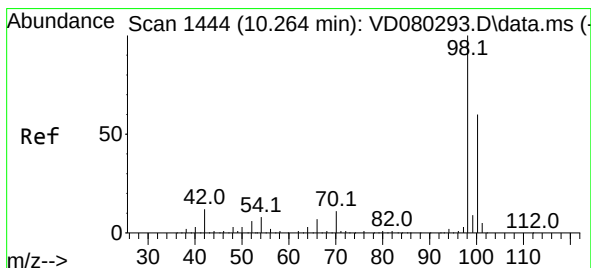
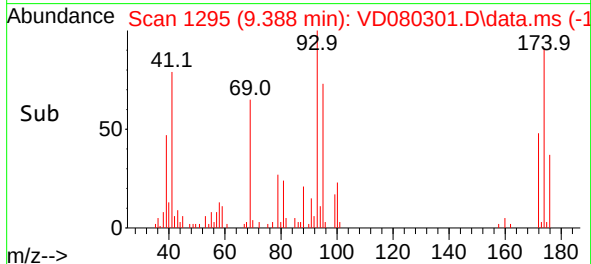
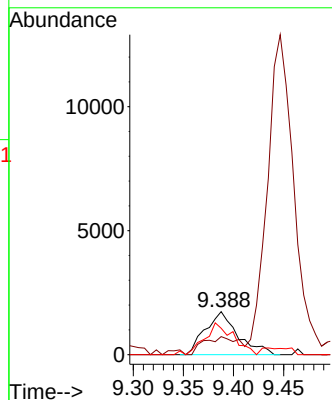
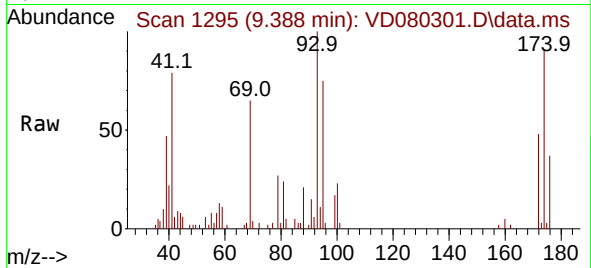




#49
1,4-Dioxane
Concen: 442.086 ug/l
RT: 9.388 min Scan# 1295
Delta R.T. 0.001 min
Lab File: VD080301.D
Acq: 13 May 2025 14:43

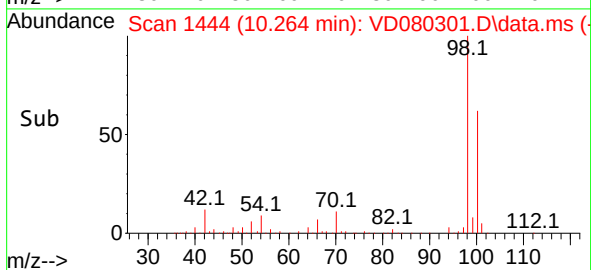
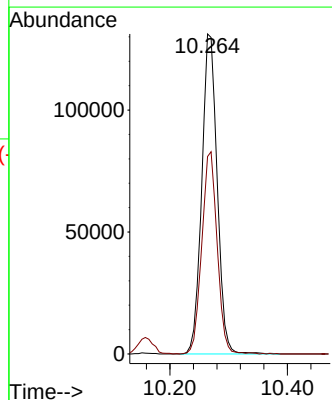
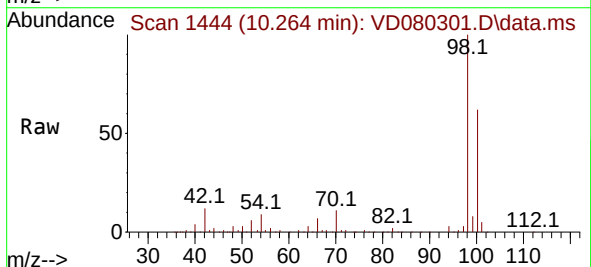
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS01

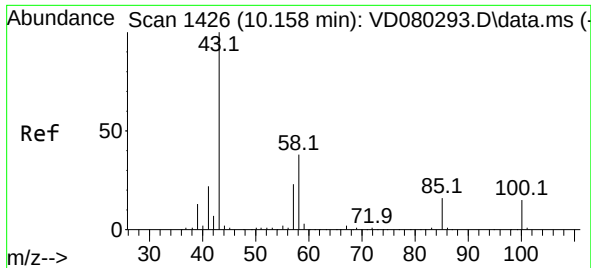
Tgt Ion: 88 Resp: 3924
Ion Ratio Lower Upper
88 100
43 44.2 29.1 43.7#
58 64.8 59.9 89.9



#50
Toluene-d8
Concen: 53.068 ug/l
RT: 10.264 min Scan# 1444
Delta R.T. -0.005 min
Lab File: VD080301.D
Acq: 13 May 2025 14:43

Tgt Ion: 98 Resp: 238735
Ion Ratio Lower Upper
98 100
100 63.2 50.2 75.4

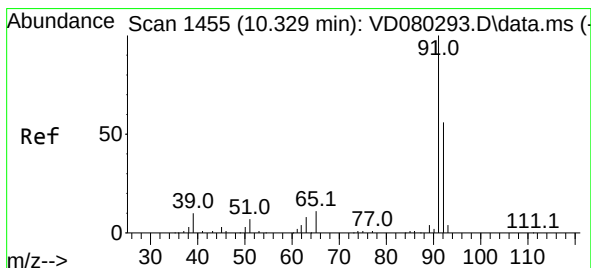
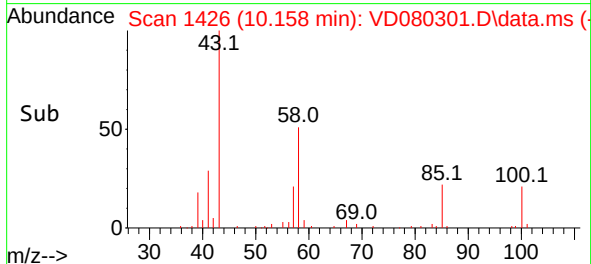
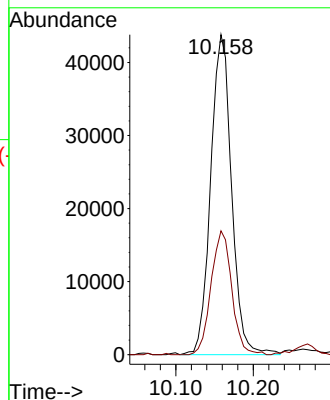
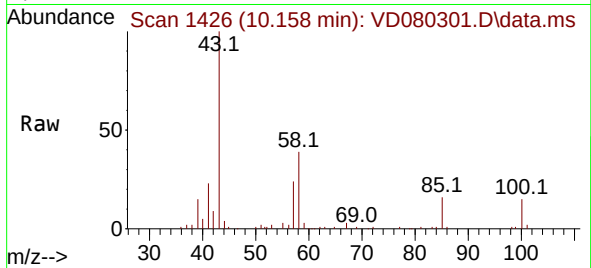




#51
4-Methyl-2-Pentanone
Concen: 98.349 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. 0.001 min
Lab File: VD080301.D
Acq: 13 May 2025 14:43

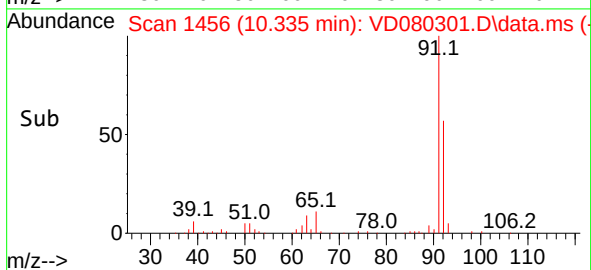
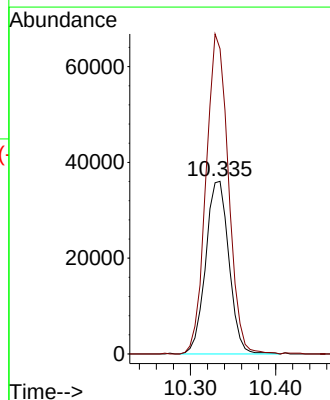
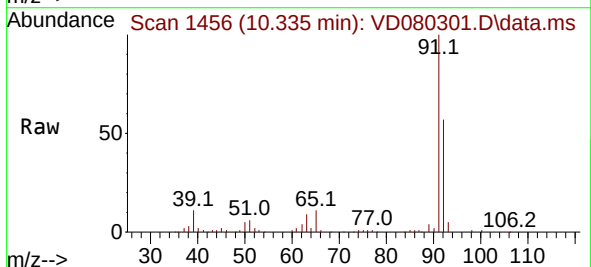
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS01

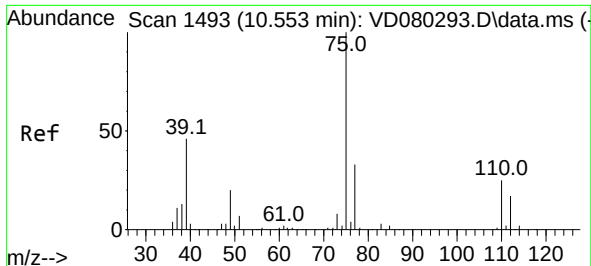
Tgt Ion: 43 Resp: 81992
Ion Ratio Lower Upper
43 100
58 38.3 32.8 49.2



#52
Toluene
Concen: 21.217 ug/l
RT: 10.335 min Scan# 1456
Delta R.T. 0.001 min
Lab File: VD080301.D
Acq: 13 May 2025 14:43

Tgt Ion: 92 Resp: 68340
Ion Ratio Lower Upper
92 100
91 178.2 139.3 208.9

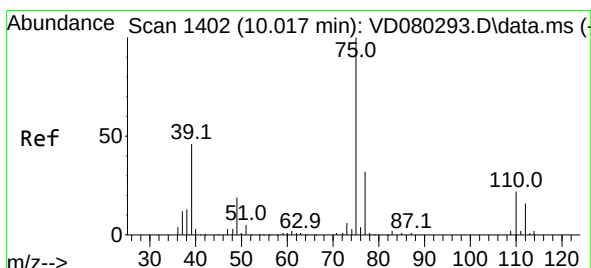
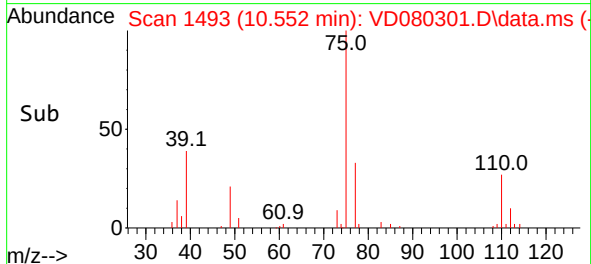
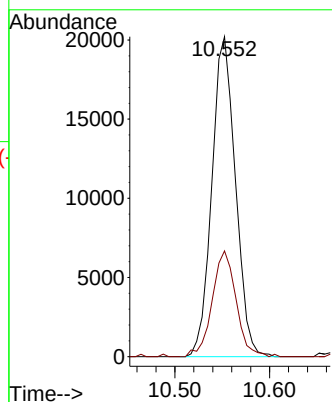
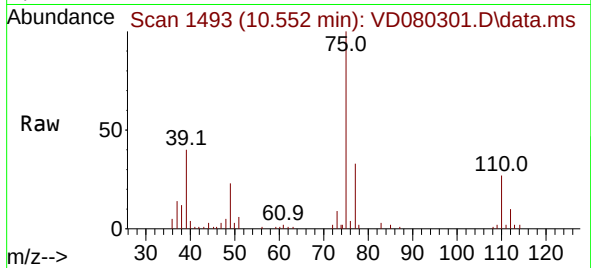




#53
 t-1,3-Dichloropropene
 Concen: 20.215 ug/l
 RT: 10.552 min Scan# 1493
 Delta R.T. 0.000 min
 Lab File: VD080301.D
 Acq: 13 May 2025 14:43

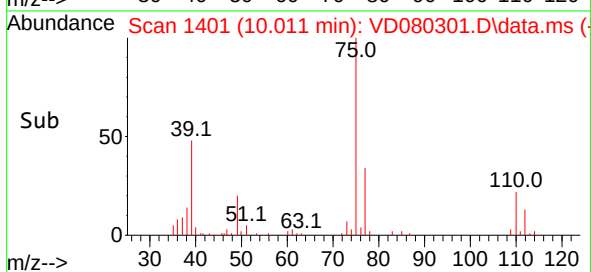
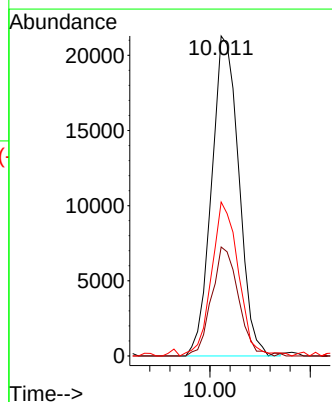
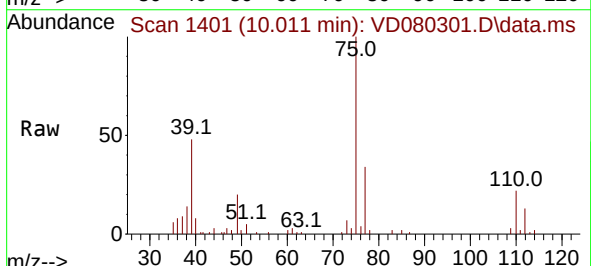
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0513SBS01

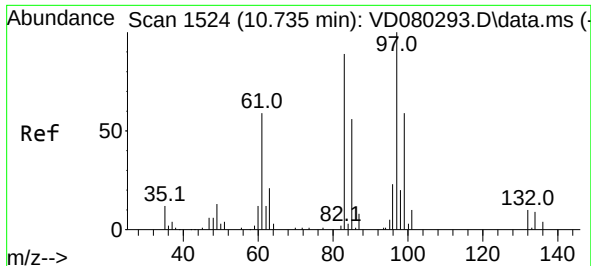
Tgt Ion: 75 Resp: 34922
 Ion Ratio Lower Upper
 75 100
 77 33.1 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 20.042 ug/l
 RT: 10.011 min Scan# 1401
 Delta R.T. -0.005 min
 Lab File: VD080301.D
 Acq: 13 May 2025 14:43

Tgt Ion: 75 Resp: 40121
 Ion Ratio Lower Upper
 75 100
 77 34.0 25.0 37.4
 39 48.1 33.2 49.8

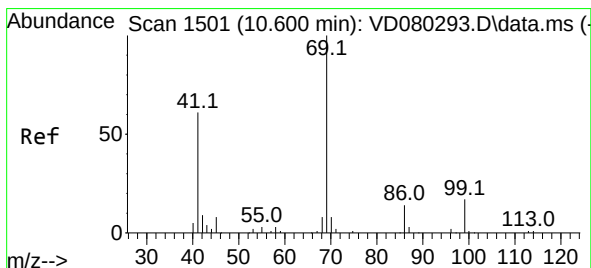
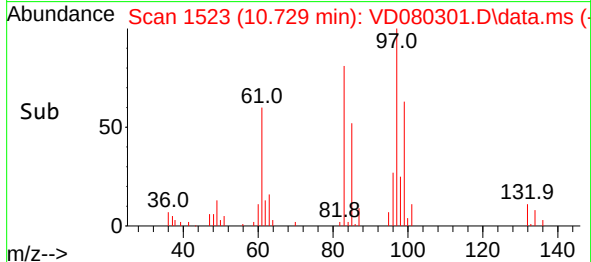
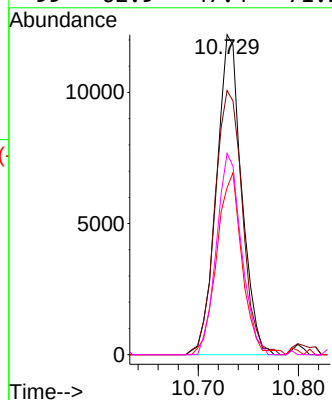
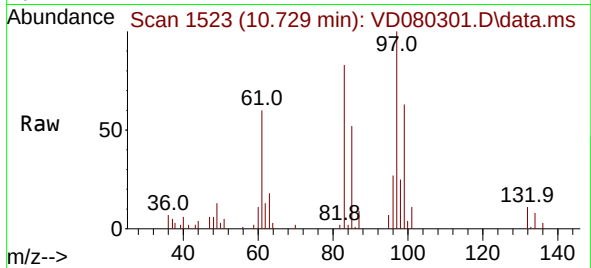




#55
1,1,2-Trichloroethane
Concen: 21.495 ug/l
RT: 10.729 min Scan# 1523
Delta R.T. -0.005 min
Lab File: VD080301.D
Acq: 13 May 2025 14:43

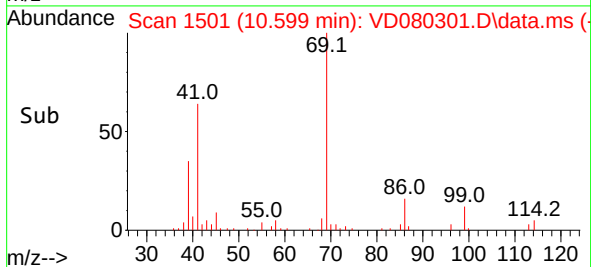
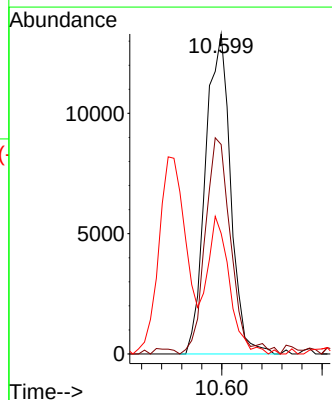
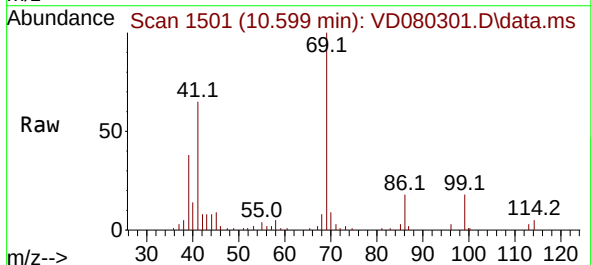
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS01

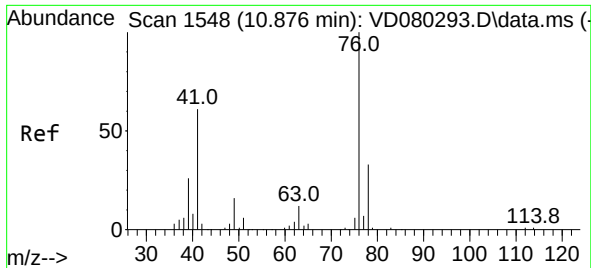
Tgt Ion: 97	Resp: 21227
Ion Ratio	Lower Upper
97 100	
83 82.5	69.2 103.8
85 52.2	43.0 64.6
99 62.9	47.4 71.2



#56
Ethyl methacrylate
Concen: 19.300 ug/l
RT: 10.599 min Scan# 1501
Delta R.T. 0.000 min
Lab File: VD080301.D
Acq: 13 May 2025 14:43

Tgt Ion: 69	Resp: 23095
Ion Ratio	Lower Upper
69 100	
41 68.9	50.4 75.6
39 38.7	26.0 39.0

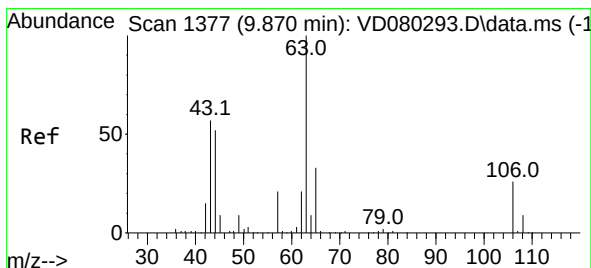
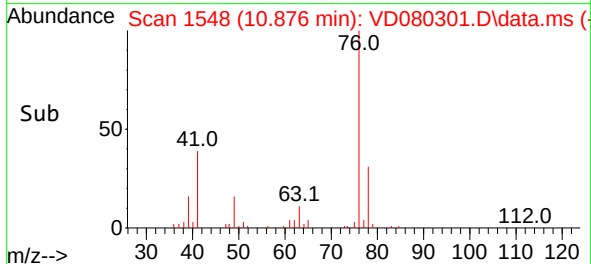
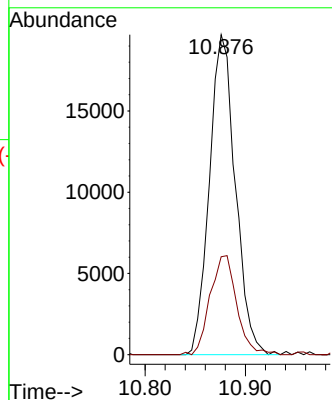
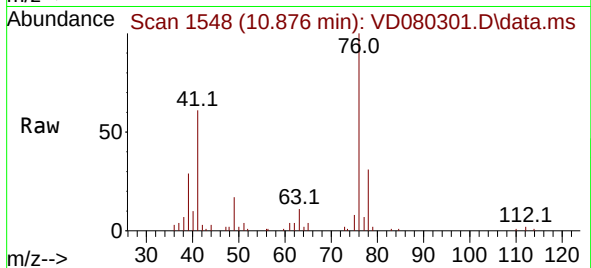




#57
1,3-Dichloropropane
Concen: 21.608 ug/l
RT: 10.876 min Scan# 1548
Delta R.T. -0.005 min
Lab File: VD080301.D
Acq: 13 May 2025 14:43

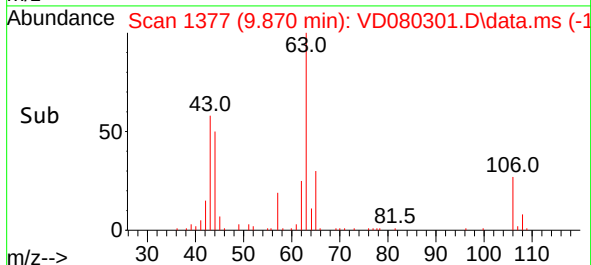
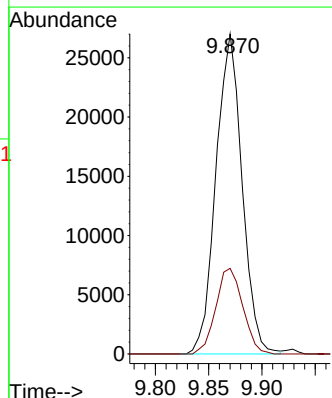
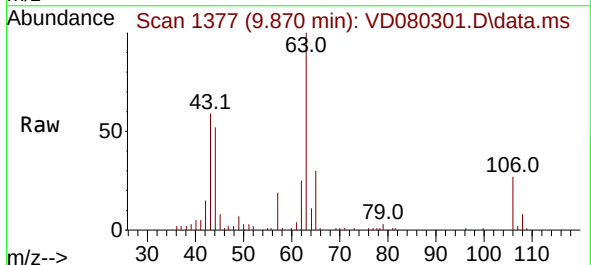
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS01

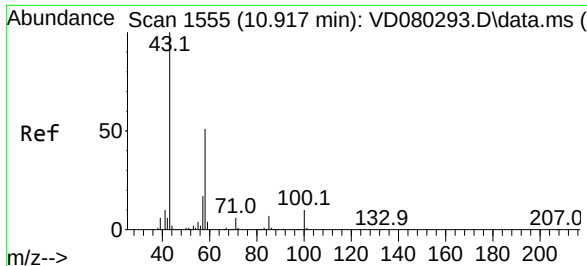
Tgt Ion: 76 Resp: 35465
Ion Ratio Lower Upper
76 100
78 31.8 25.4 38.2



#58
2-Chloroethyl Vinyl ether
Concen: 94.046 ug/l
RT: 9.870 min Scan# 1377
Delta R.T. 0.001 min
Lab File: VD080301.D
Acq: 13 May 2025 14:43

Tgt Ion: 63 Resp: 46056
Ion Ratio Lower Upper
63 100
106 27.5 21.8 32.6

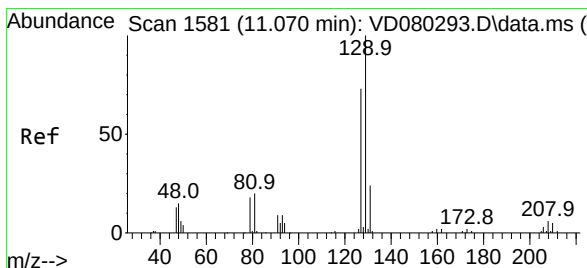
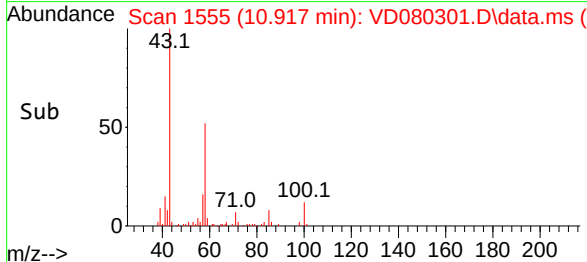
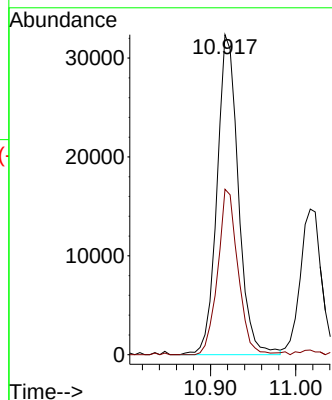
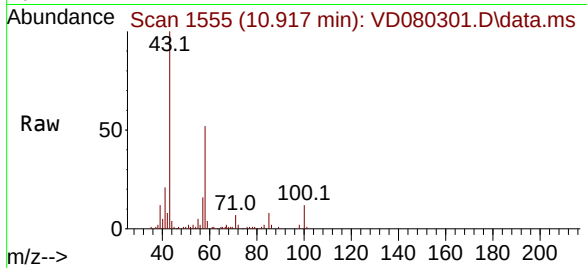




#59
2-Hexanone
Concen: 98.014 ug/l
RT: 10.917 min Scan# 1555
Delta R.T. 0.001 min
Lab File: VD080301.D
Acq: 13 May 2025 14:43

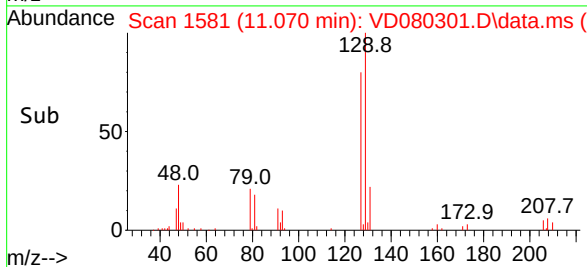
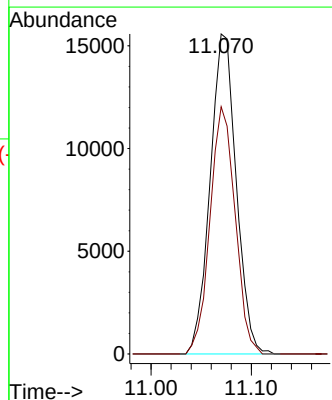
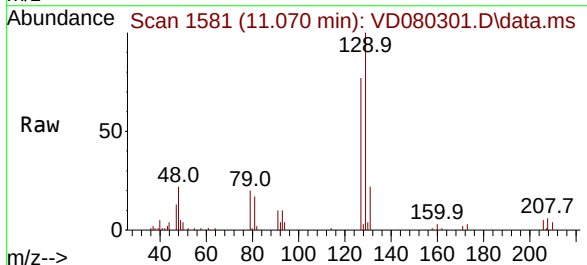
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS01

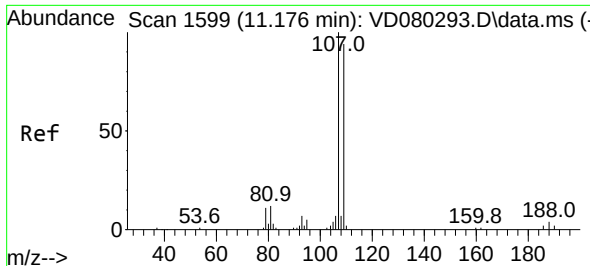
Tgt Ion: 43 Resp: 56210
Ion Ratio Lower Upper
43 100
58 49.0 27.8 83.4



#60
Dibromochloromethane
Concen: 22.782 ug/l
RT: 11.070 min Scan# 1581
Delta R.T. -0.005 min
Lab File: VD080301.D
Acq: 13 May 2025 14:43

Tgt Ion: 129 Resp: 28194
Ion Ratio Lower Upper
129 100
127 74.2 38.4 115.2

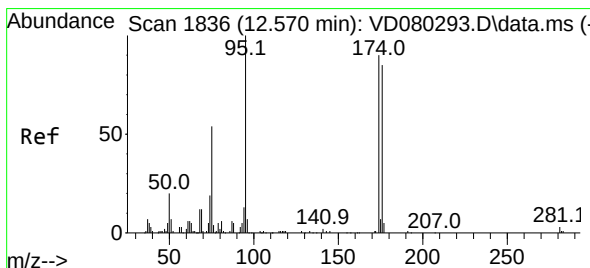
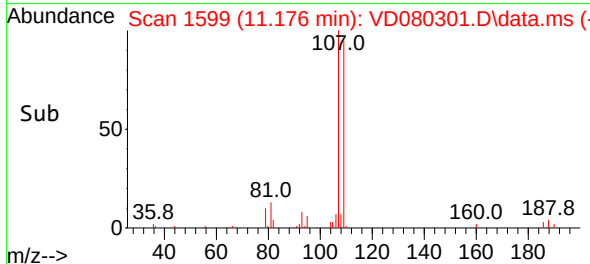
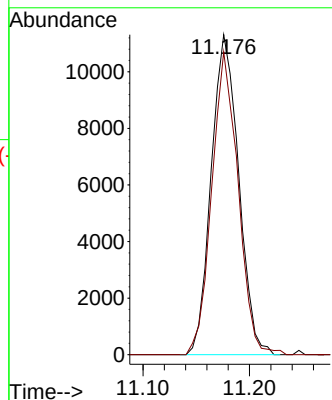
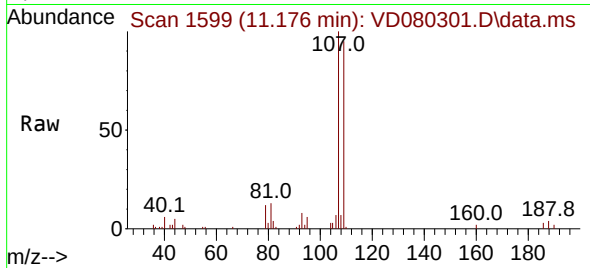




#61
1,2-Dibromoethane
Concen: 22.086 ug/l
RT: 11.176 min Scan# 1599
Delta R.T. -0.005 min
Lab File: VD080301.D
Acq: 13 May 2025 14:43

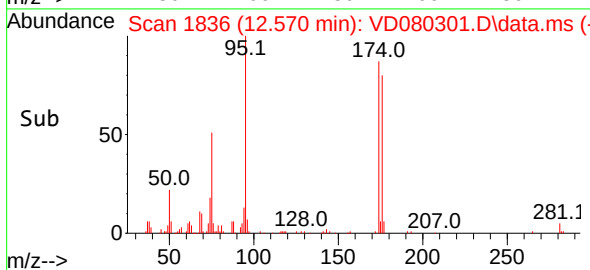
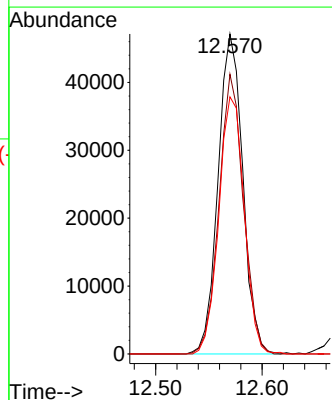
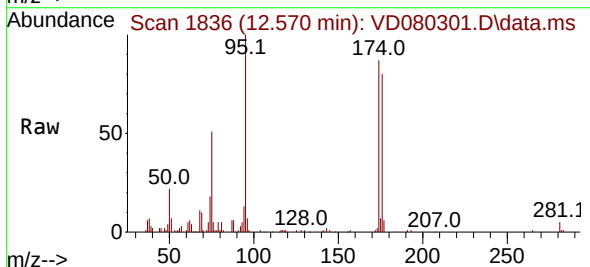
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS01

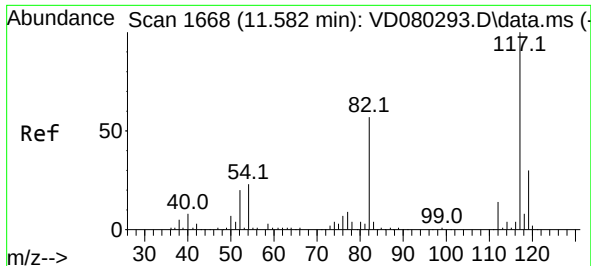
Tgt Ion:107 Resp: 20225
Ion Ratio Lower Upper
107 100
109 90.8 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 52.332 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.001 min
Lab File: VD080301.D
Acq: 13 May 2025 14:43

Tgt Ion: 95 Resp: 75563
Ion Ratio Lower Upper
95 100
174 86.6 0.0 173.4
176 82.9 0.0 166.6

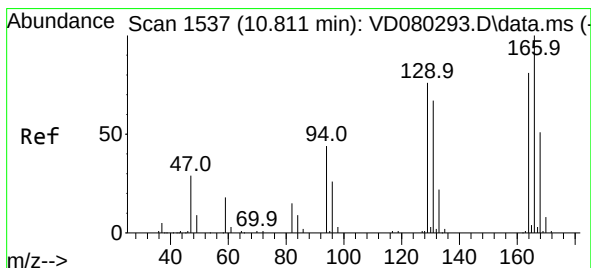
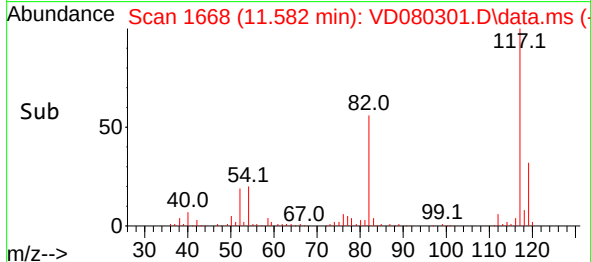
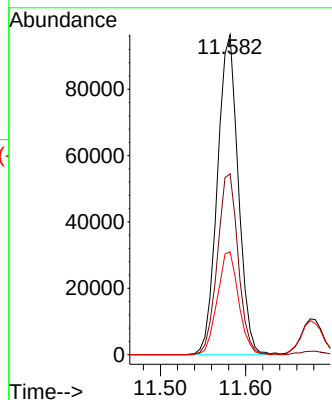
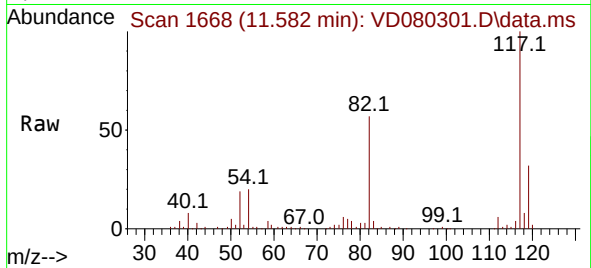




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.582 min Scan# 117
Delta R.T. 0.001 min
Lab File: VD080301.D
Acq: 13 May 2025 14:43

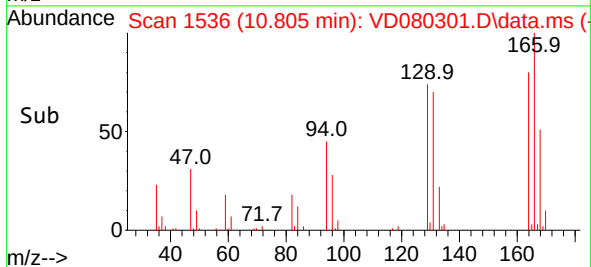
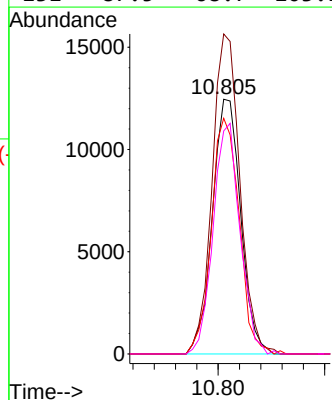
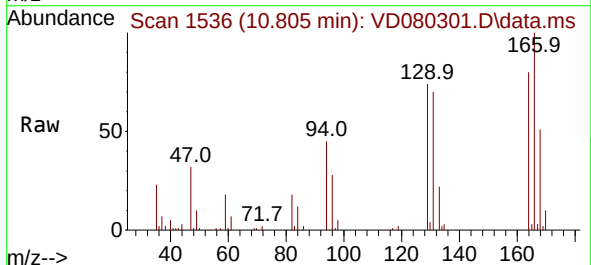
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS01

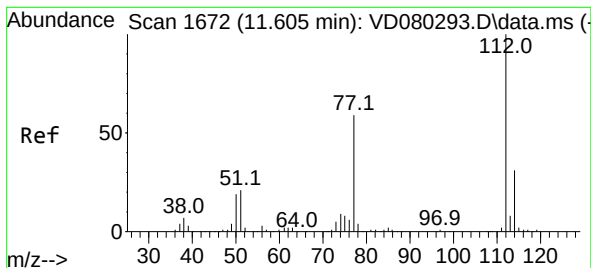
Tgt Ion:117 Resp: 164310
Ion Ratio Lower Upper
117 100
82 56.5 45.8 68.6
119 32.2 26.2 39.2



#64
Tetrachloroethene
Concen: 20.645 ug/l
RT: 10.805 min Scan# 1536
Delta R.T. -0.005 min
Lab File: VD080301.D
Acq: 13 May 2025 14:43

Tgt Ion:164 Resp: 22971
Ion Ratio Lower Upper
164 100
166 125.6 97.5 146.3
129 92.5 70.6 106.0
131 87.5 68.7 103.1





#65

Chlorobenzene

Concen: 20.240 ug/l

RT: 11.605 min Scan# 1

Delta R.T. 0.001 min

Lab File: VD080301.D

Acq: 13 May 2025 14:43

Instrument :

MSVOA_D

ClientSampleId :

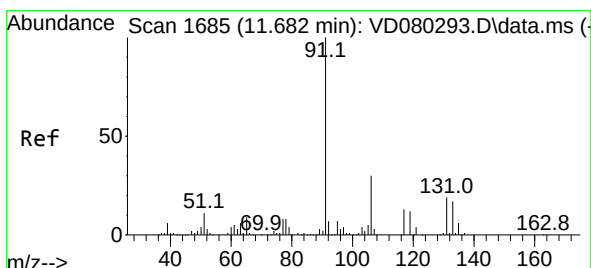
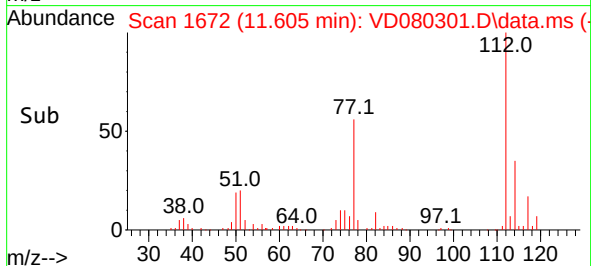
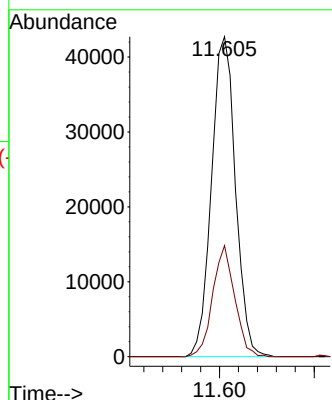
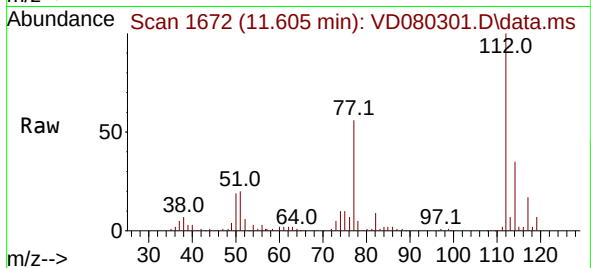
VD0513SBS01

Tgt Ion:112 Resp: 75092

Ion Ratio Lower Upper

112 100

114 34.7 24.6 37.0



#66

1,1,1,2-Tetrachloroethane

Concen: 20.811 ug/l

RT: 11.676 min Scan# 1684

Delta R.T. -0.005 min

Lab File: VD080301.D

Acq: 13 May 2025 14:43

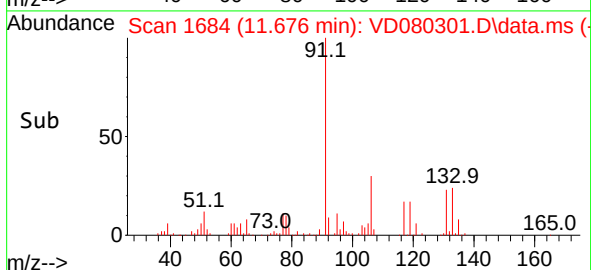
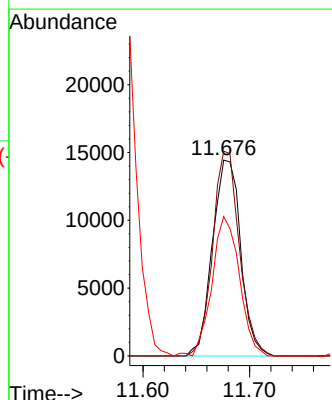
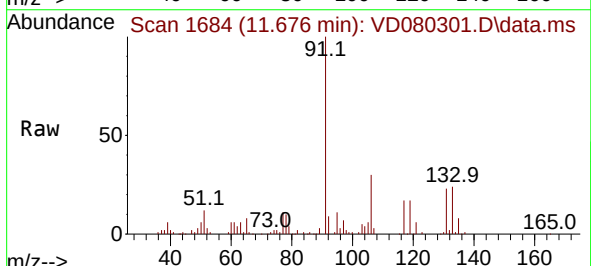
Tgt Ion:131 Resp: 26526

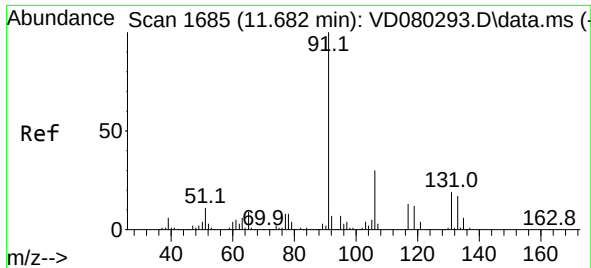
Ion Ratio Lower Upper

131 100

133 99.1 48.8 146.4

119 69.4 34.8 104.3

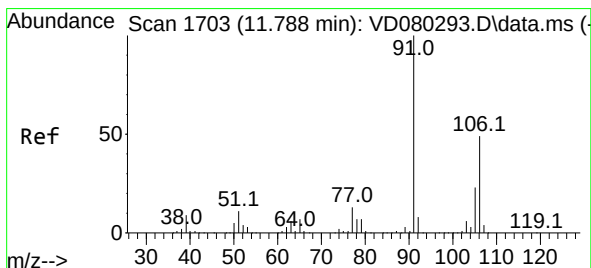
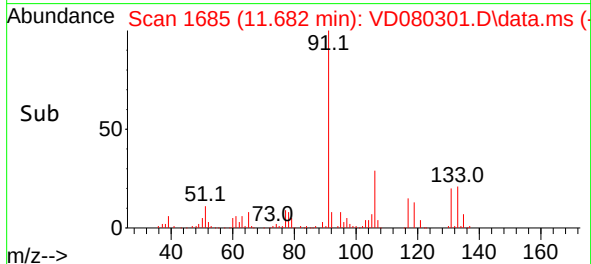
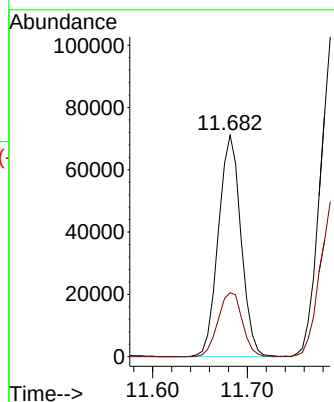
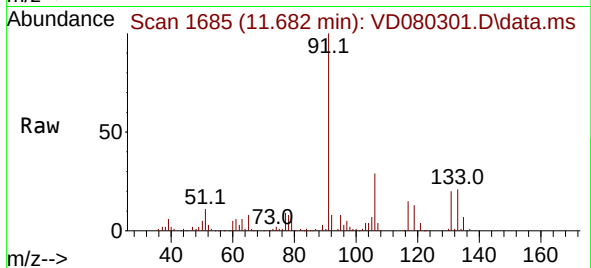




#67
Ethyl Benzene
Concen: 19.024 ug/l
RT: 11.682 min Scan# 117946
Delta R.T. 0.001 min
Lab File: VD080301.D
Acq: 13 May 2025 14:43

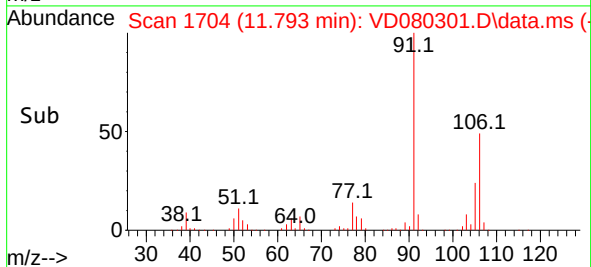
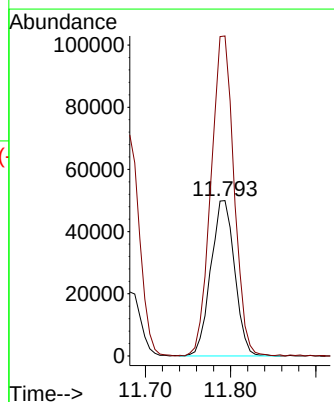
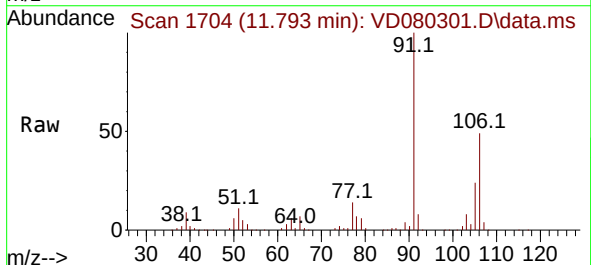
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS01

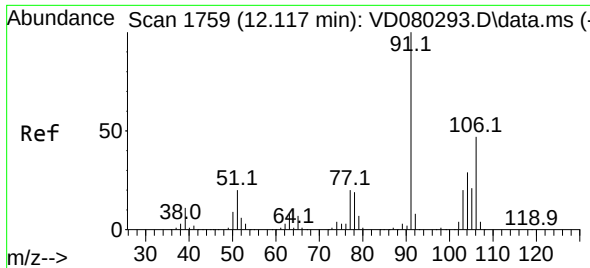
Tgt Ion: 91 Resp: 117946
Ion Ratio Lower Upper
91 100
106 28.9 23.6 35.4



#68
m/p-Xylenes
Concen: 40.382 ug/l
RT: 11.793 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD080301.D
Acq: 13 May 2025 14:43

Tgt Ion: 106 Resp: 97214
Ion Ratio Lower Upper
106 100
91 199.2 162.6 244.0





#69

o-Xylene

Concen: 19.322 ug/l

RT: 12.117 min Scan# 1759

Delta R.T. 0.001 min

Lab File: VD080301.D

Acq: 13 May 2025 14:43

Instrument :

MSVOA_D

ClientSampleId :

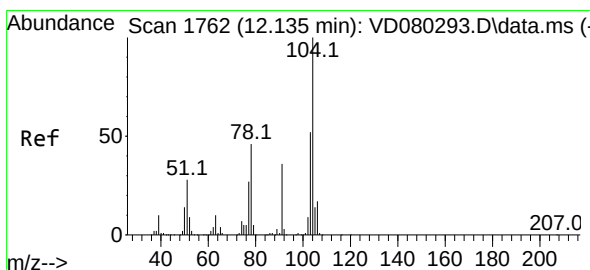
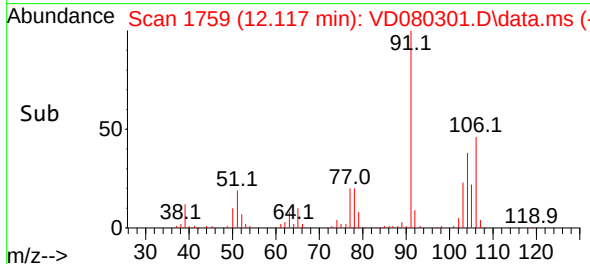
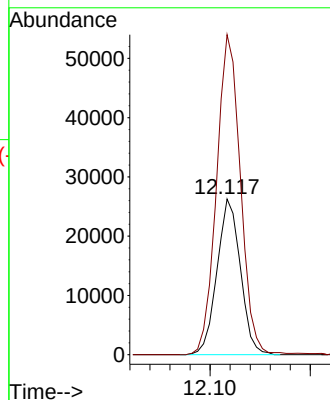
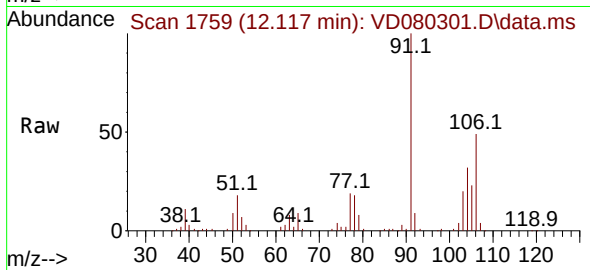
VD0513SBS01

Tgt Ion:106 Resp: 42504

Ion Ratio Lower Upper

106 100

91 211.2 110.5 331.5



#70

Styrene

Concen: 19.589 ug/l

RT: 12.135 min Scan# 1762

Delta R.T. 0.001 min

Lab File: VD080301.D

Acq: 13 May 2025 14:43

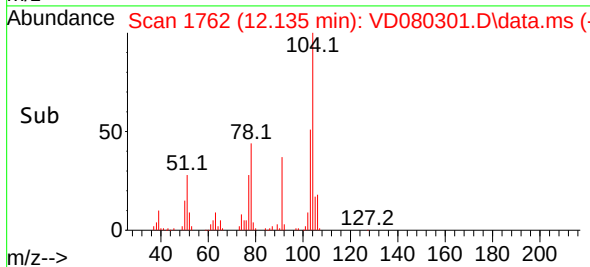
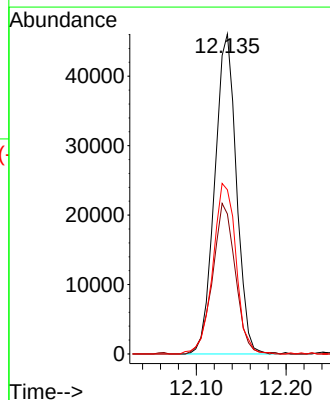
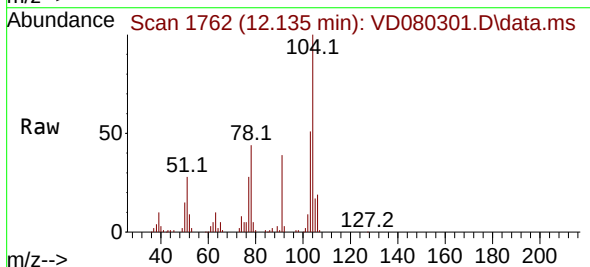
Tgt Ion:104 Resp: 77376

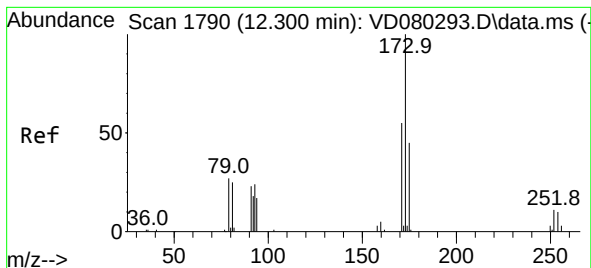
Ion Ratio Lower Upper

104 100

78 49.2 39.8 59.8

103 56.8 45.2 67.8





#71

Bromoform

Concen: 20.984 ug/l

RT: 12.299 min Scan# 1790

Delta R.T. 0.006 min

Lab File: VD080301.D

Acq: 13 May 2025 14:43

Instrument :

MSVOA_D

ClientSampleId :

VD0513SBS01

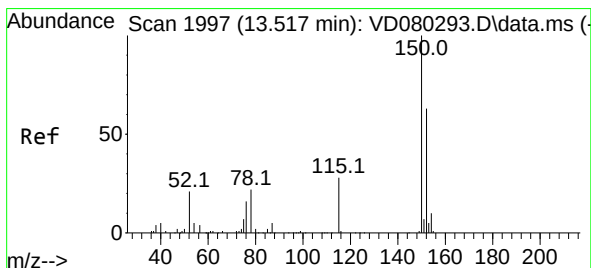
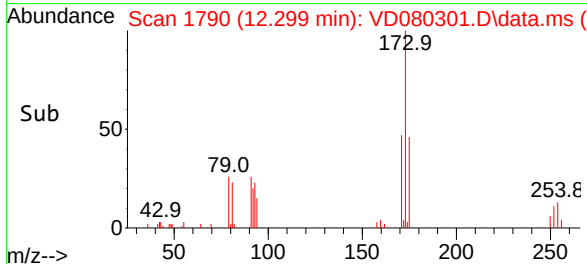
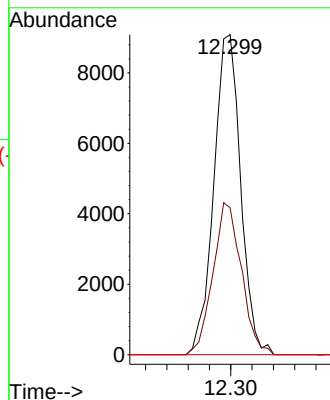
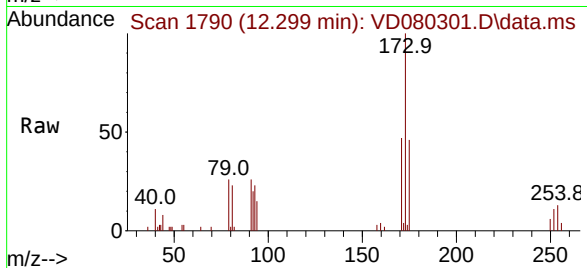
Tgt Ion:173 Resp: 15891

Ion Ratio Lower Upper

173 100

175 50.2 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: VD080301.D

Acq: 13 May 2025 14:43

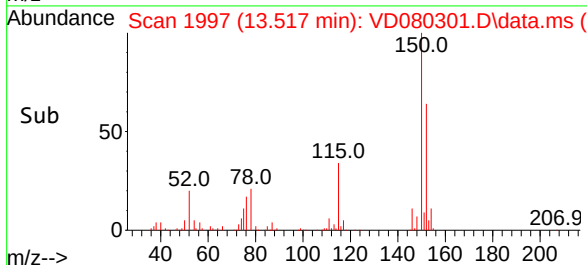
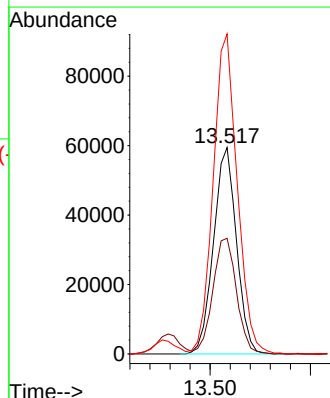
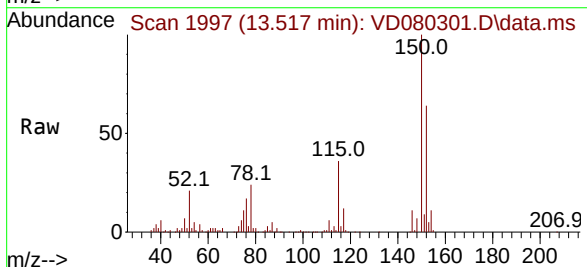
Tgt Ion:152 Resp: 94426

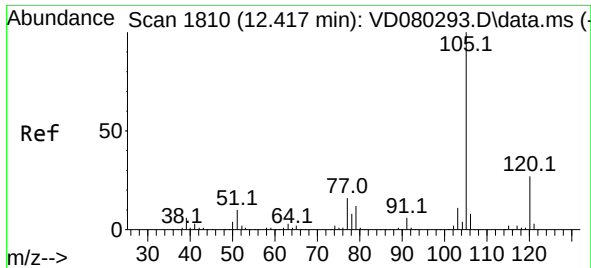
Ion Ratio Lower Upper

152 100

115 57.9 28.9 86.8

150 162.4 0.0 354.8

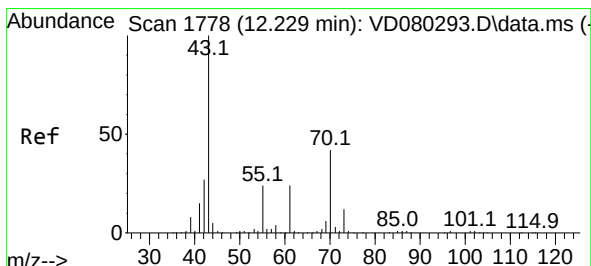
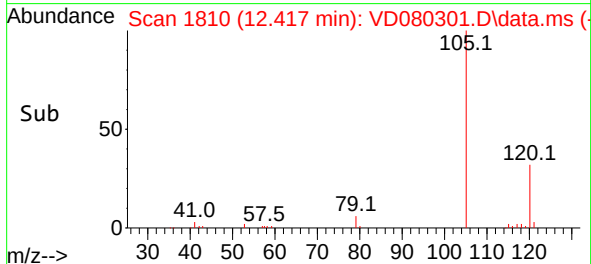
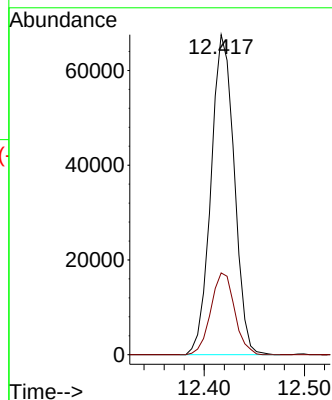
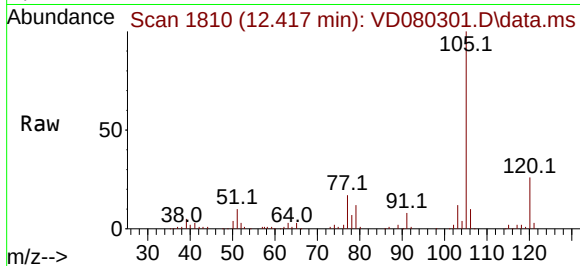




#73
Isopropylbenzene
Concen: 17.779 ug/l
RT: 12.417 min Scan# 1810
Delta R.T. -0.005 min
Lab File: VD080301.D
Acq: 13 May 2025 14:43

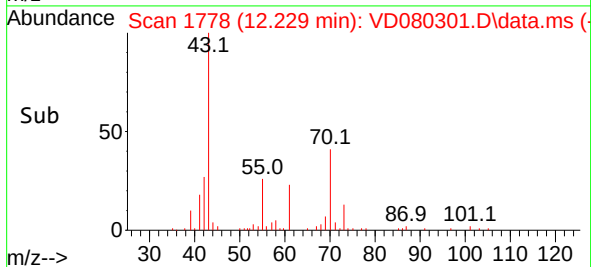
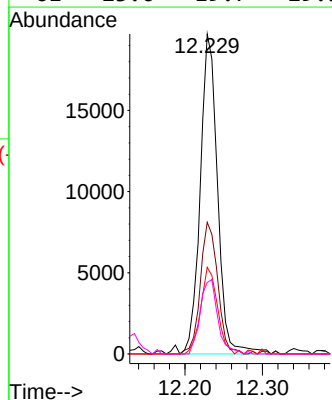
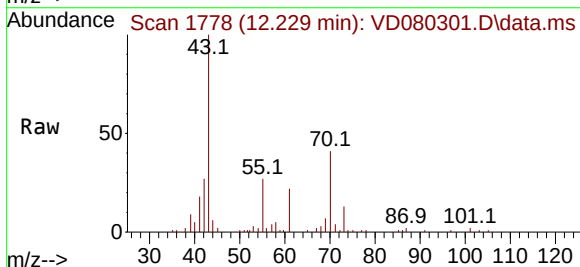
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS01

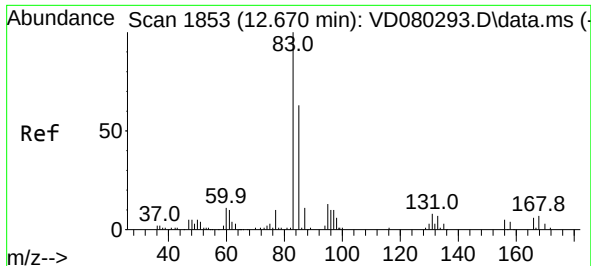
Tgt Ion:105 Resp: 108901
Ion Ratio Lower Upper
105 100
120 26.1 13.3 39.9



#74
N-ethyl acetate
Concen: 17.441 ug/l
RT: 12.229 min Scan# 1778
Delta R.T. -0.005 min
Lab File: VD080301.D
Acq: 13 May 2025 14:43

Tgt Ion: 43 Resp: 30662
Ion Ratio Lower Upper
43 100
70 41.1 36.3 54.5
55 26.3 20.3 30.5
61 23.6 19.7 29.5

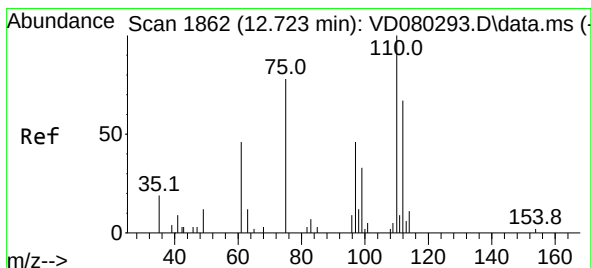
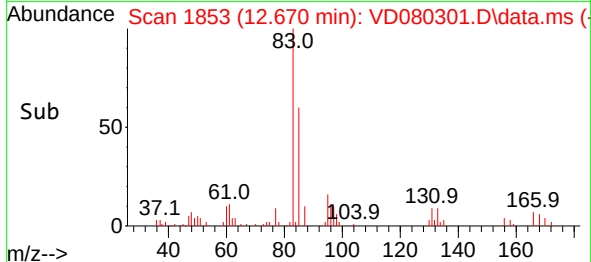
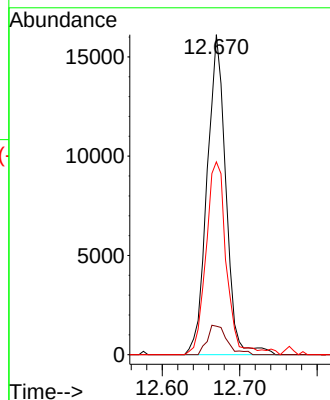
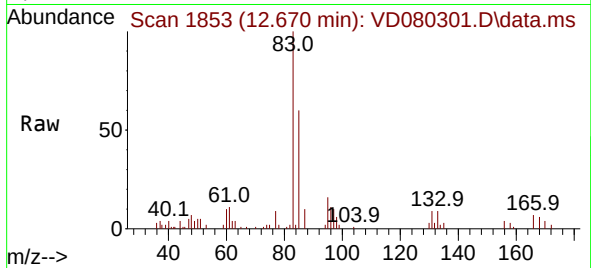




#75
1,1,2,2-Tetrachloroethane
Concen: 20.173 ug/l
RT: 12.670 min Scan# 1853
Delta R.T. 0.001 min
Lab File: VD080301.D
Acq: 13 May 2025 14:43

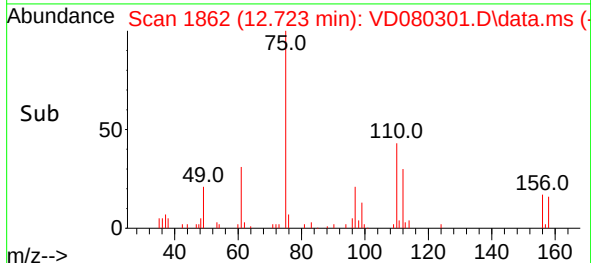
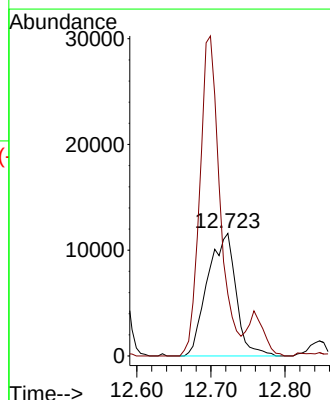
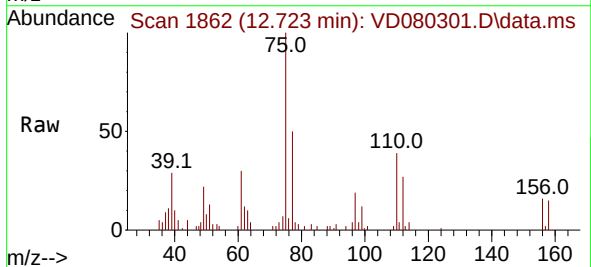
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS01

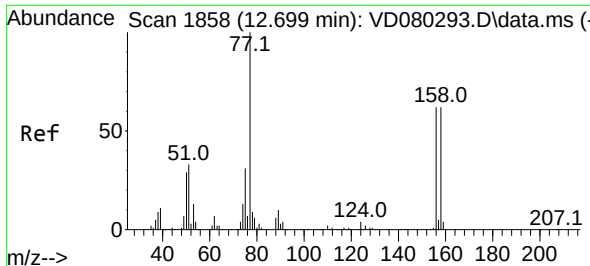
Tgt Ion: 83 Resp: 27173
Ion Ratio Lower Upper
83 100
131 9.6 5.1 15.3
85 65.0 32.9 98.6



#76
1,2,3-Trichloropropane
Concen: 34.069 ug/l
RT: 12.723 min Scan# 1862
Delta R.T. 0.001 min
Lab File: VD080301.D
Acq: 13 May 2025 14:43

Tgt Ion: 75 Resp: 31048
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

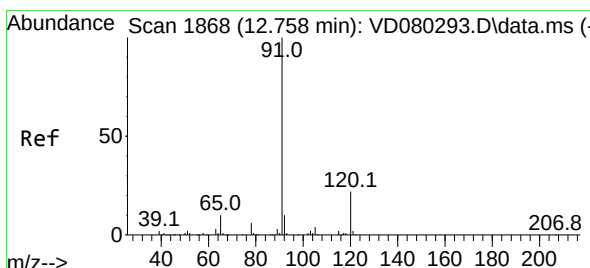
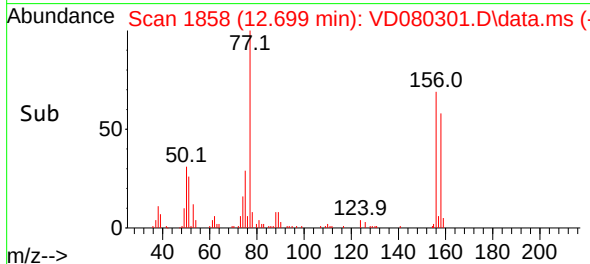
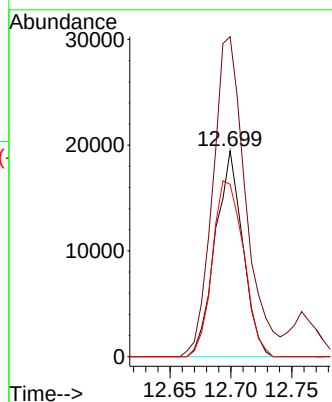
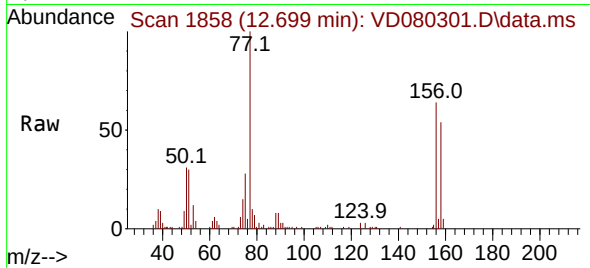




#77
Bromobenzene
Concen: 19.297 ug/l
RT: 12.699 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VD080301.D
Acq: 13 May 2025 14:43

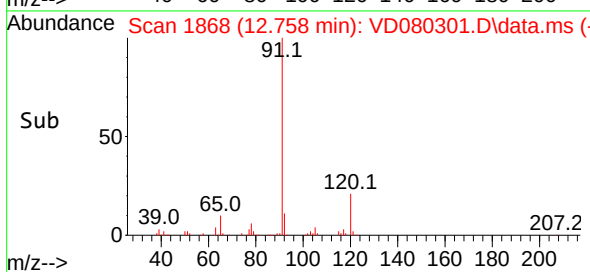
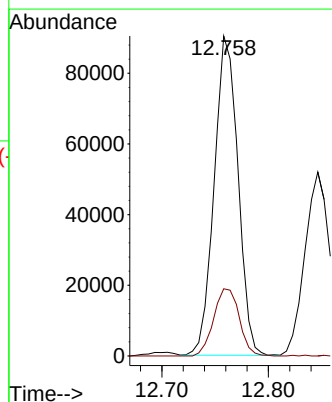
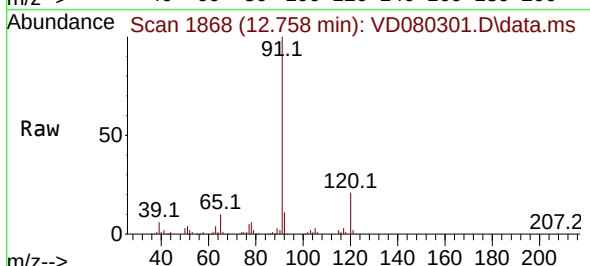
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS01

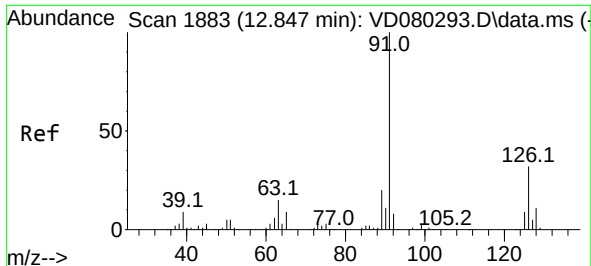
Tgt Ion:156 Resp: 30659
Ion Ratio Lower Upper
156 100
77 185.7 89.8 269.6
158 96.7 47.9 143.8



#78
n-propylbenzene
Concen: 18.204 ug/l
RT: 12.758 min Scan# 1868
Delta R.T. -0.005 min
Lab File: VD080301.D
Acq: 13 May 2025 14:43

Tgt Ion: 91 Resp: 139929
Ion Ratio Lower Upper
91 100
120 22.6 11.2 33.5

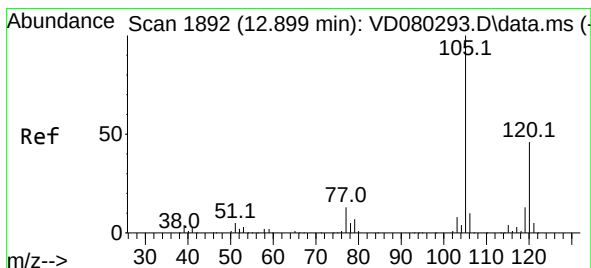
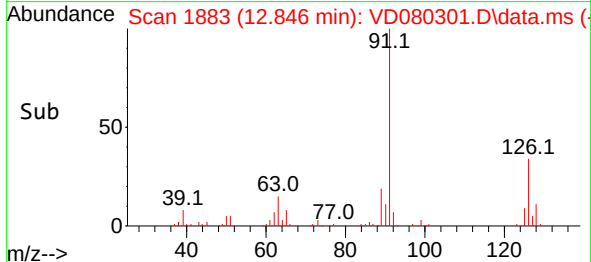
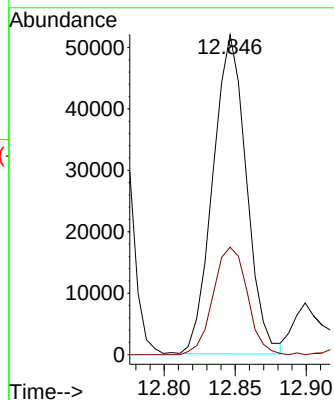
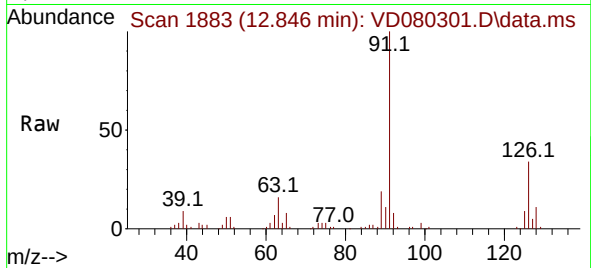




#79
2-Chlorotoluene
Concen: 19.079 ug/l
RT: 12.846 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD080301.D
Acq: 13 May 2025 14:43

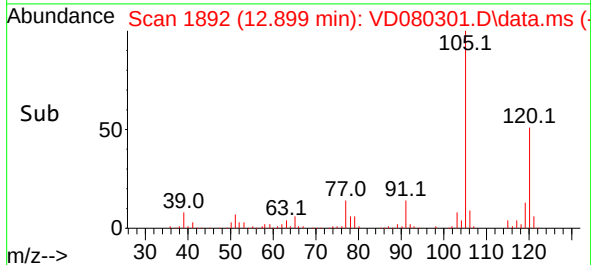
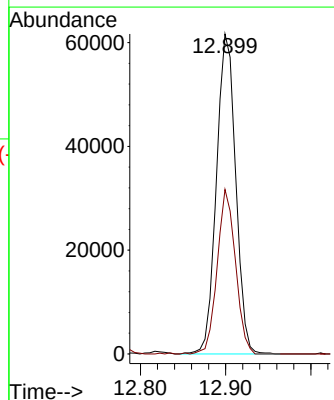
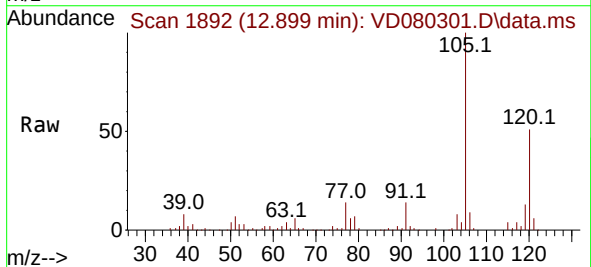
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS01

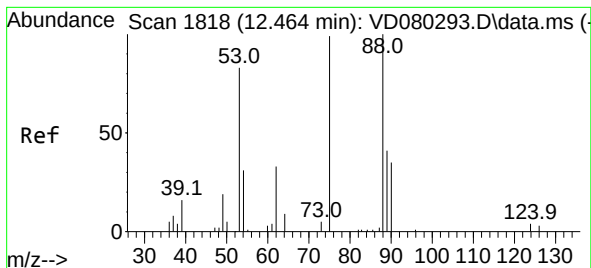
Tgt Ion: 91 Resp: 85305
Ion Ratio Lower Upper
91 100
126 34.1 17.2 51.5



#80
1,3,5-Trimethylbenzene
Concen: 18.514 ug/l
RT: 12.899 min Scan# 1892
Delta R.T. -0.005 min
Lab File: VD080301.D
Acq: 13 May 2025 14:43

Tgt Ion: 105 Resp: 96721
Ion Ratio Lower Upper
105 100
120 48.7 25.0 75.0

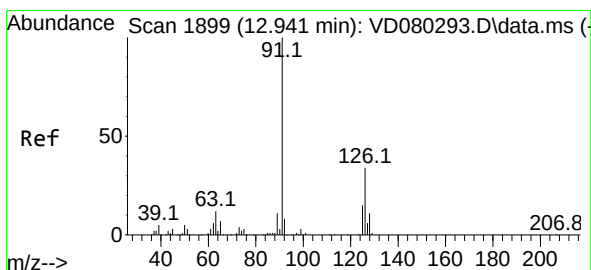
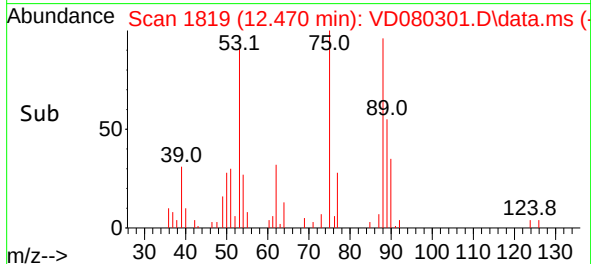
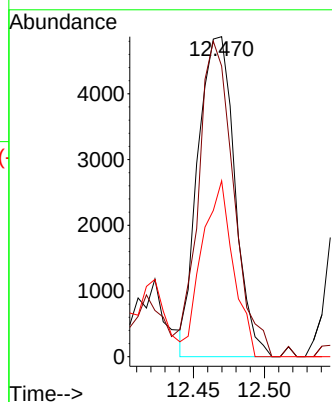
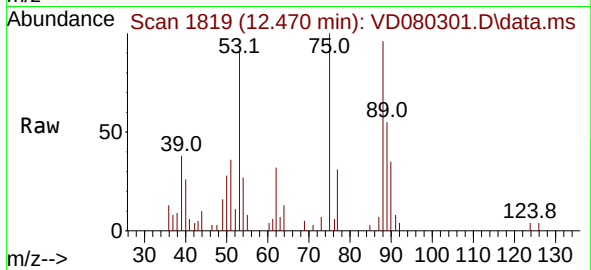




#81
trans-1,4-Dichloro-2-butene
Concen: 18.189 ug/l
RT: 12.470 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD080301.D
Acq: 13 May 2025 14:43

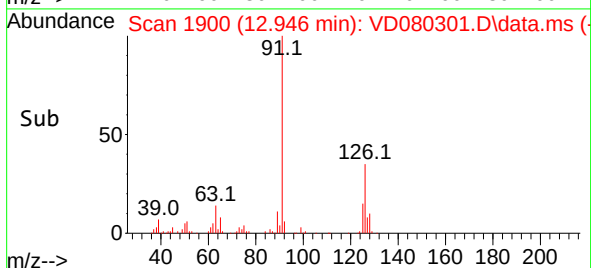
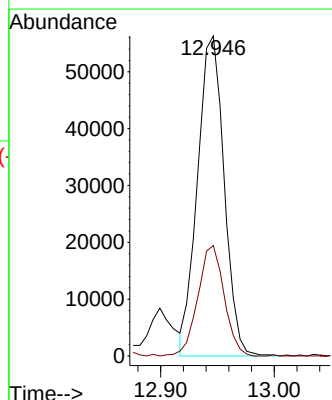
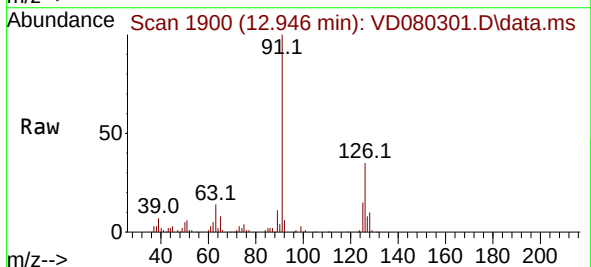
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS01

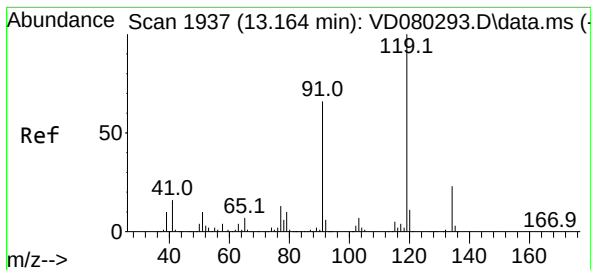
Tgt Ion: 75 Resp: 8733
Ion Ratio Lower Upper
75 100
53 95.1 68.7 103.1
89 47.1 36.1 54.1



#82
4-Chlorotoluene
Concen: 19.037 ug/l
RT: 12.946 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD080301.D
Acq: 13 May 2025 14:43

Tgt Ion: 91 Resp: 91879
Ion Ratio Lower Upper
91 100
126 34.0 16.8 50.3

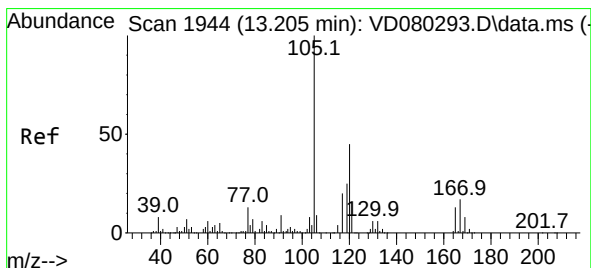
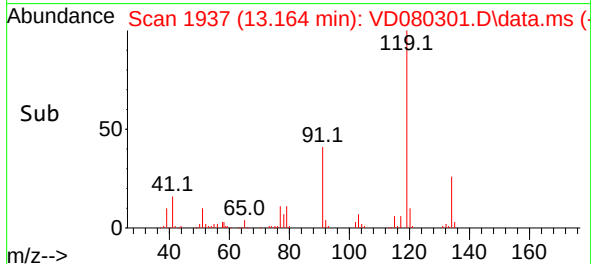
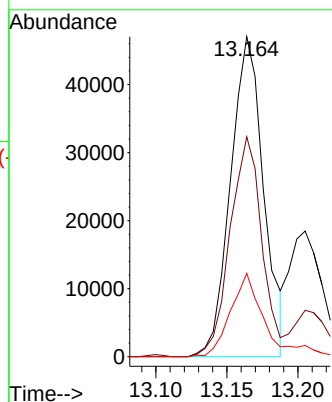
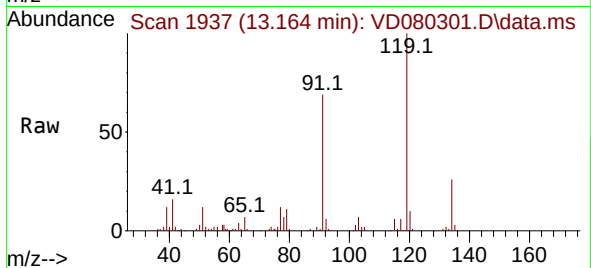




#83
 tert-Butylbenzene
 Concen: 17.525 ug/l
 RT: 13.164 min Scan# 1937
 Delta R.T. 0.001 min
 Lab File: VD080301.D
 Acq: 13 May 2025 14:43

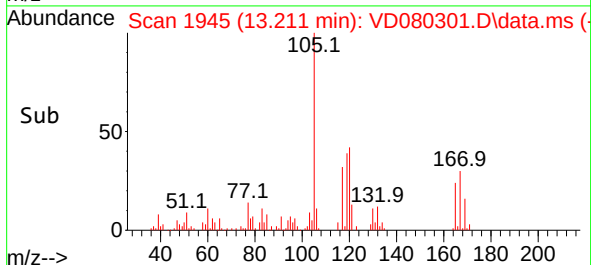
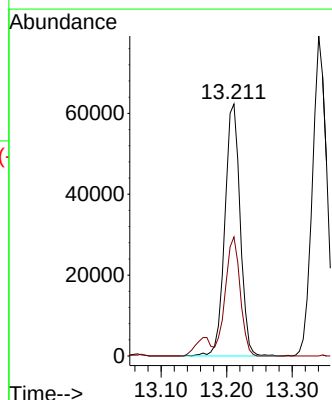
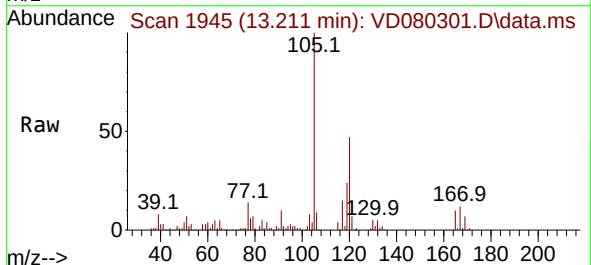
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0513SBS01

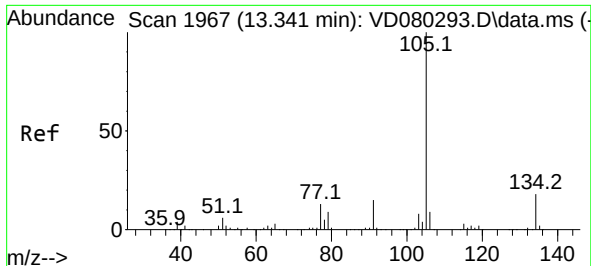
Tgt Ion:119 Resp: 76403
 Ion Ratio Lower Upper
 119 100
 91 65.6 33.3 99.9
 134 26.8 13.5 40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 18.817 ug/l
 RT: 13.211 min Scan# 1945
 Delta R.T. 0.001 min
 Lab File: VD080301.D
 Acq: 13 May 2025 14:43

Tgt Ion:105 Resp: 100585
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.8 68.4

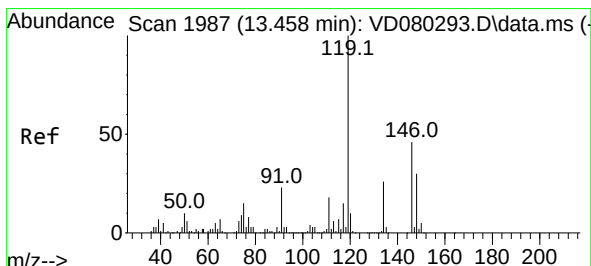
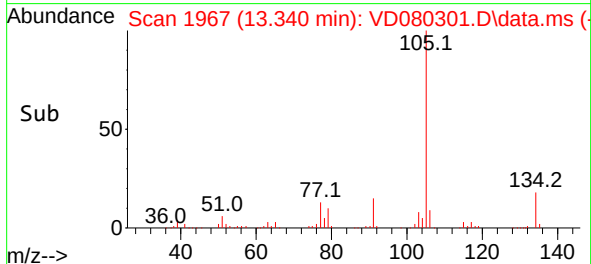
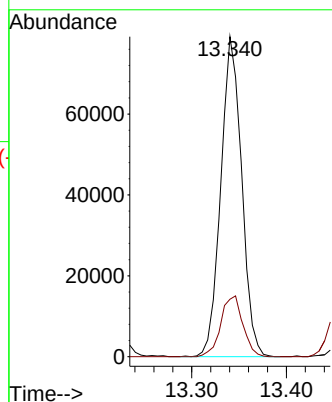
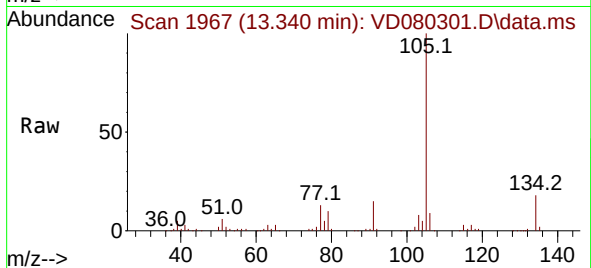




#85
 sec-Butylbenzene
 Concen: 18.031 ug/l
 RT: 13.340 min Scan# 1967
 Delta R.T. 0.000 min
 Lab File: VD080301.D
 Acq: 13 May 2025 14:43

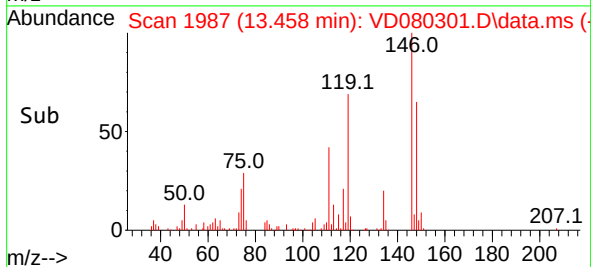
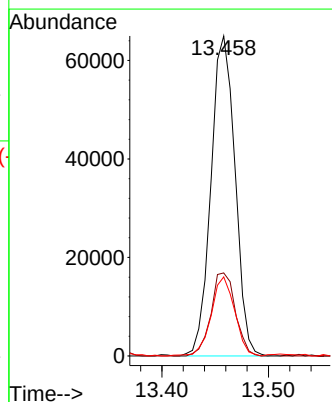
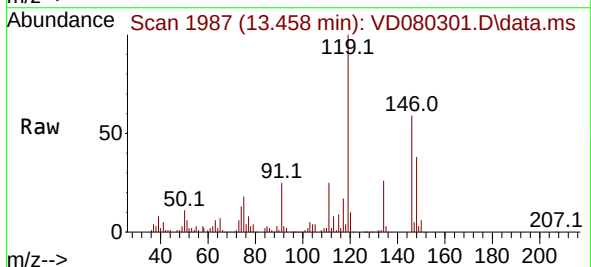
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0513SBS01

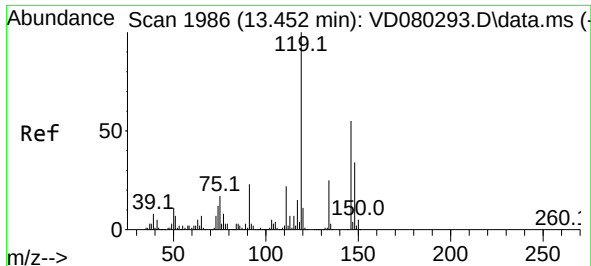
Tgt Ion:105 Resp: 121223
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 18.053 ug/l
 RT: 13.458 min Scan# 1987
 Delta R.T. 0.001 min
 Lab File: VD080301.D
 Acq: 13 May 2025 14:43

Tgt Ion:119 Resp: 102003
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.1
 91 24.2 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 18.955 ug/l

RT: 13.458 min Scan# 1986

Delta R.T. 0.001 min

Lab File: VD080301.D

Acq: 13 May 2025 14:43

Instrument :

MSVOA_D

ClientSampleId :

VD0513SBS01

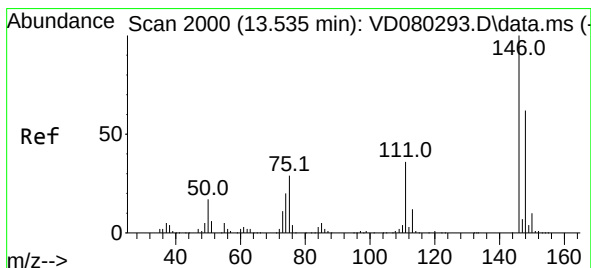
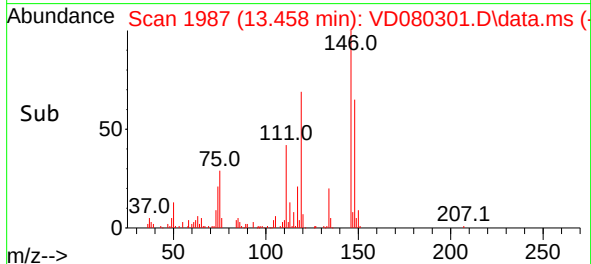
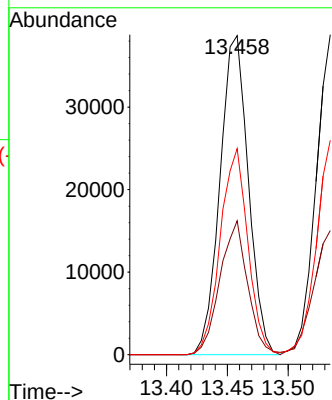
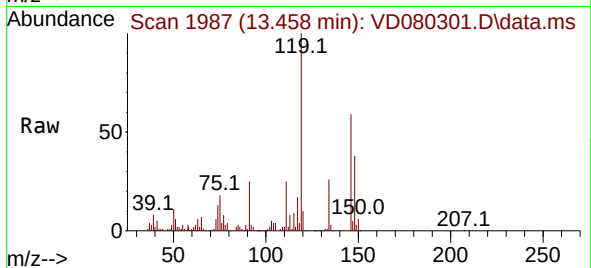
Tgt Ion:146 Resp: 62805

Ion Ratio Lower Upper

146 100

111 40.7 20.0 59.9

148 62.9 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 18.895 ug/l

RT: 13.535 min Scan# 2000

Delta R.T. 0.001 min

Lab File: VD080301.D

Acq: 13 May 2025 14:43

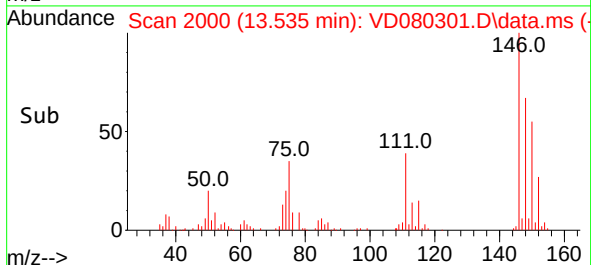
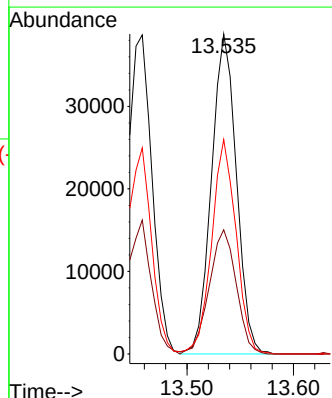
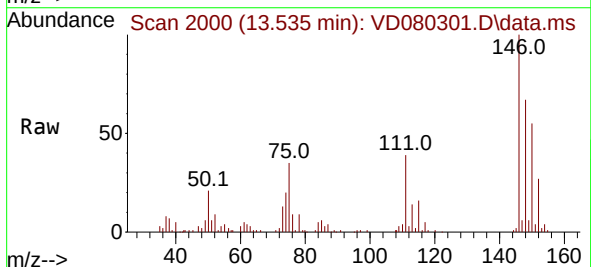
Tgt Ion:146 Resp: 63118

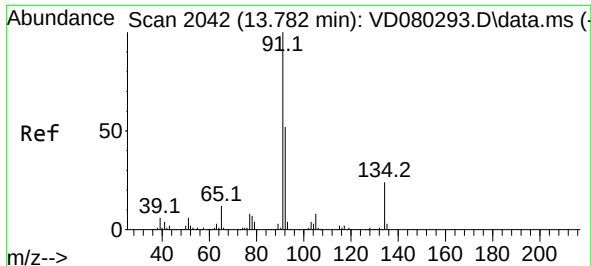
Ion Ratio Lower Upper

146 100

111 41.9 19.3 57.8

148 65.6 32.9 98.7

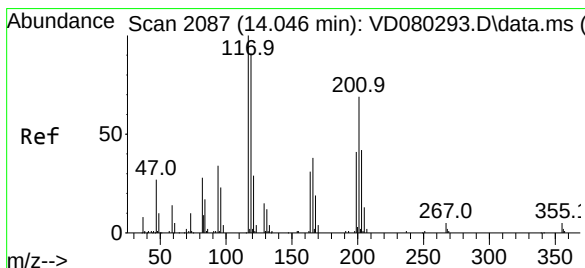
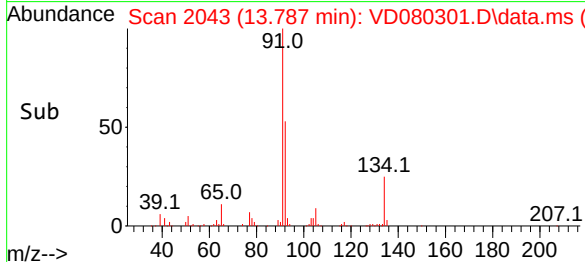
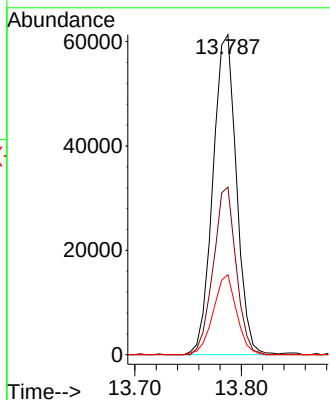
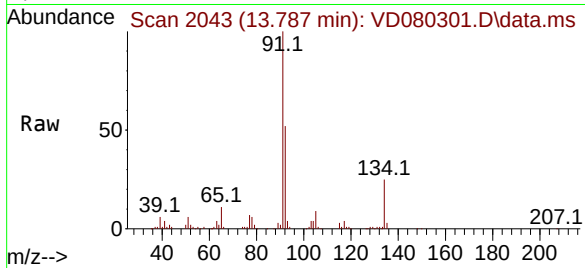




#89
n-Butylbenzene
Concen: 17.184 ug/l
RT: 13.787 min Scan# 2043
Delta R.T. 0.000 min
Lab File: VD080301.D
Acq: 13 May 2025 14:43

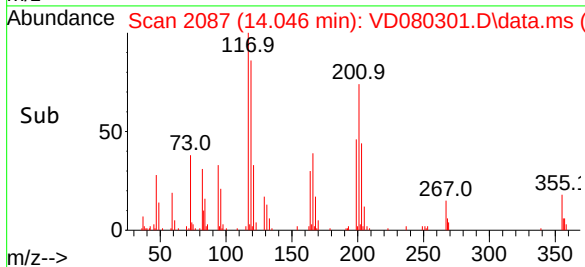
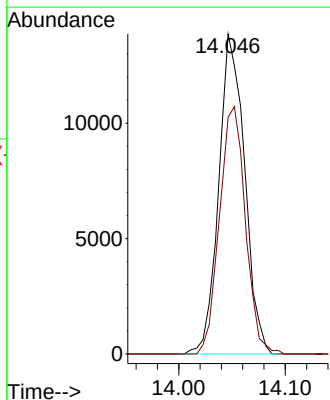
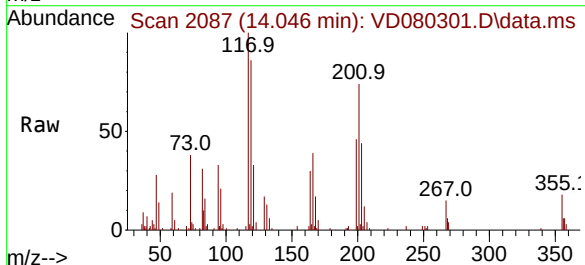
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS01

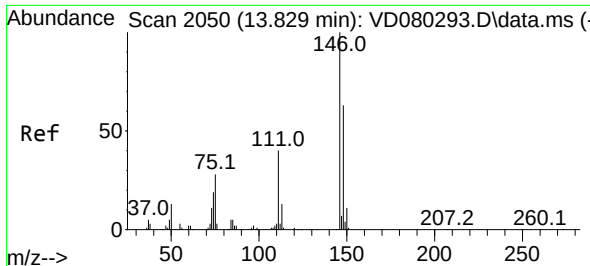
Tgt Ion: 91 Resp: 94254
Ion Ratio Lower Upper
91 100
92 50.6 26.3 78.9
134 24.7 12.3 36.8



#90
Hexachloroethane
Concen: 18.654 ug/l
RT: 14.046 min Scan# 2087
Delta R.T. -0.005 min
Lab File: VD080301.D
Acq: 13 May 2025 14:43

Tgt Ion: 117 Resp: 23321
Ion Ratio Lower Upper
117 100
201 77.5 37.5 112.5

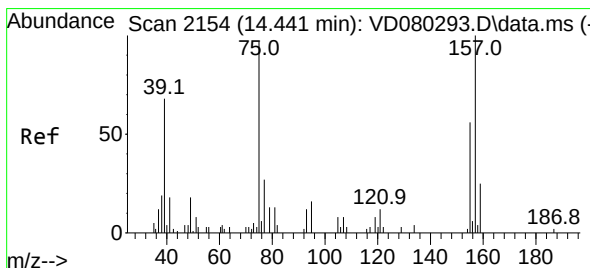
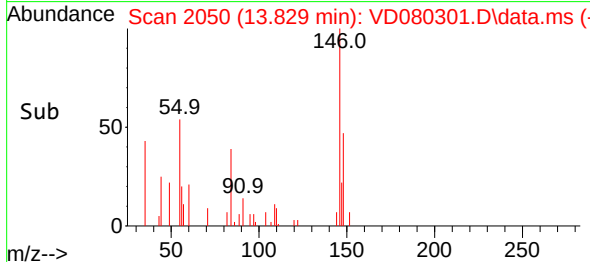
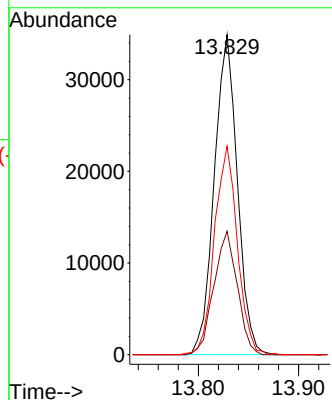
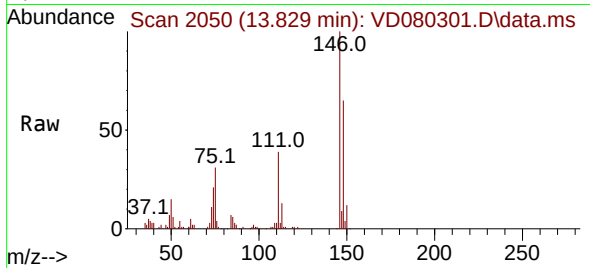




#91
 1,2-Dichlorobenzene
 Concen: 19.371 ug/l
 RT: 13.829 min Scan# 2050
 Delta R.T. 0.001 min
 Lab File: VD080301.D
 Acq: 13 May 2025 14:43

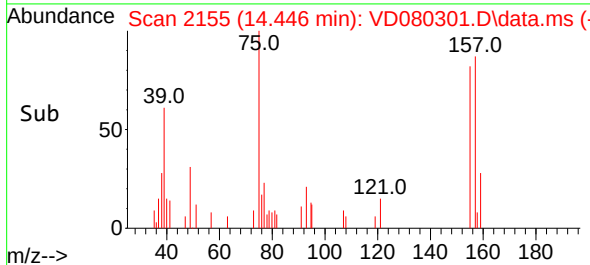
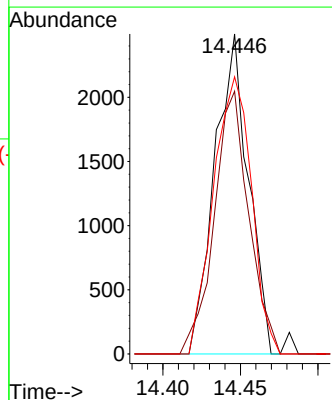
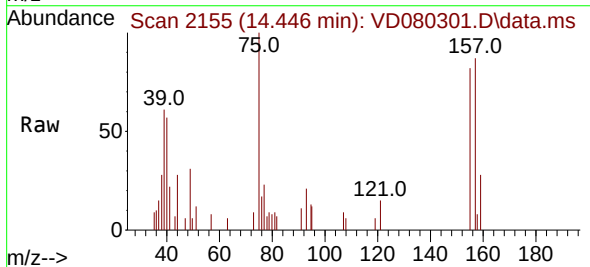
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0513SBS01

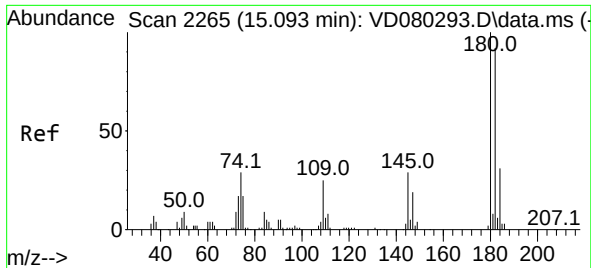
Tgt Ion:146 Resp: 55756
 Ion Ratio Lower Upper
 146 100
 111 39.3 20.6 61.8
 148 64.8 32.7 98.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.519 ug/l
 RT: 14.446 min Scan# 2155
 Delta R.T. 0.006 min
 Lab File: VD080301.D
 Acq: 13 May 2025 14:43

Tgt Ion: 75 Resp: 3761
 Ion Ratio Lower Upper
 75 100
 155 84.8 40.6 122.0
 157 98.1 53.3 159.9

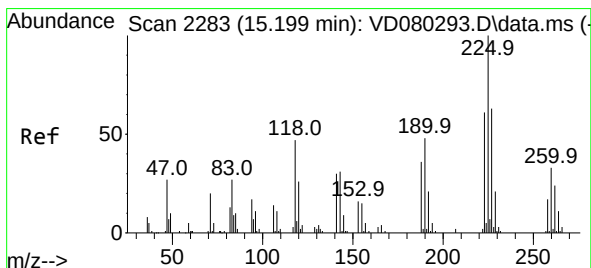
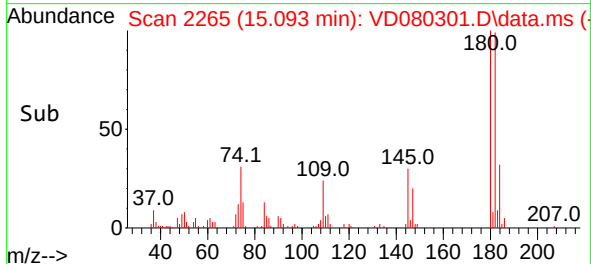
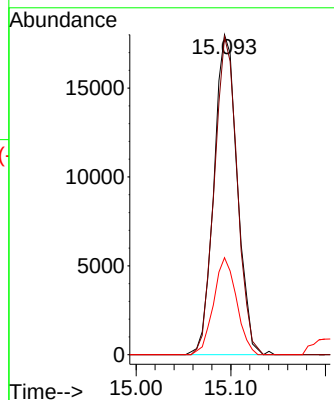
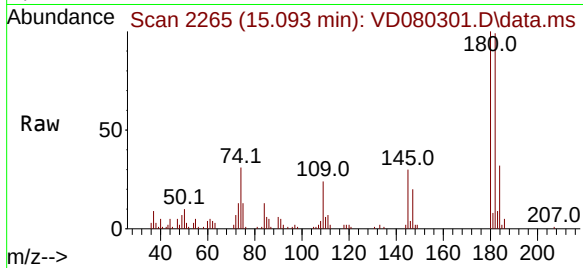




#93
 1,2,4-Trichlorobenzene
 Concen: 17.014 ug/l
 RT: 15.093 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: VD080301.D
 Acq: 13 May 2025 14:43

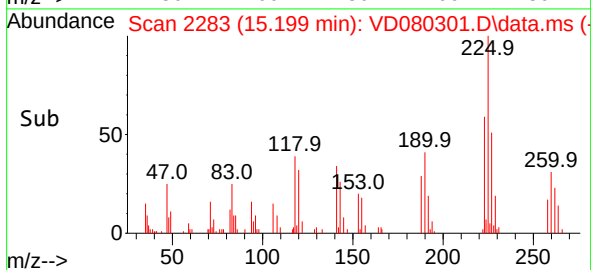
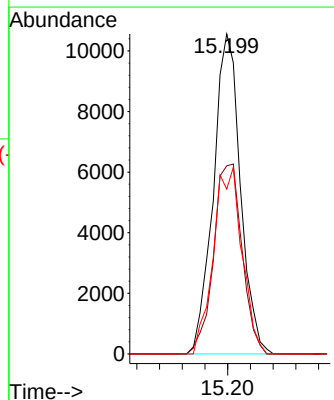
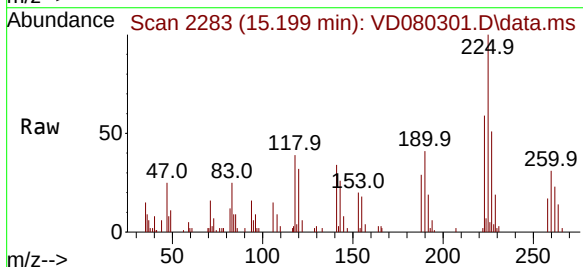
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0513SBS01

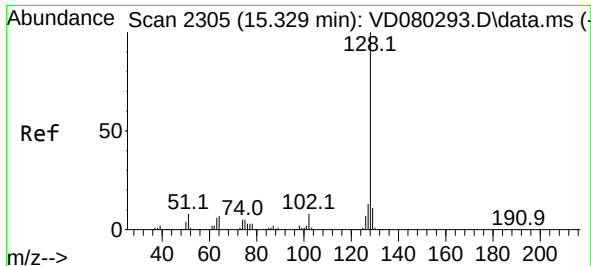
Tgt Ion:180 Resp: 30798
 Ion Ratio Lower Upper
 180 100
 182 97.1 47.4 142.2
 145 29.8 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: 18.541 ug/l
 RT: 15.199 min Scan# 2283
 Delta R.T. 0.001 min
 Lab File: VD080301.D
 Acq: 13 May 2025 14:43

Tgt Ion:225 Resp: 17461
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.5 94.5
 227 61.7 30.9 92.5

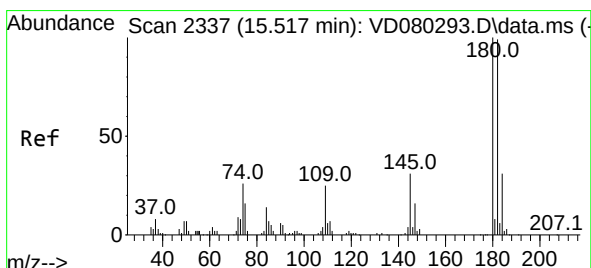
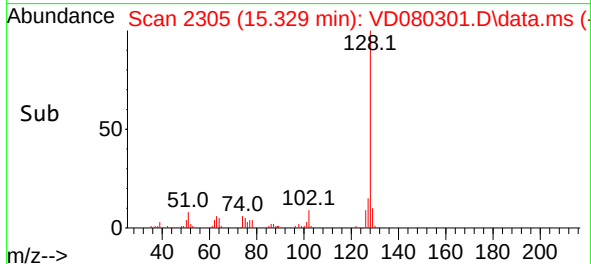
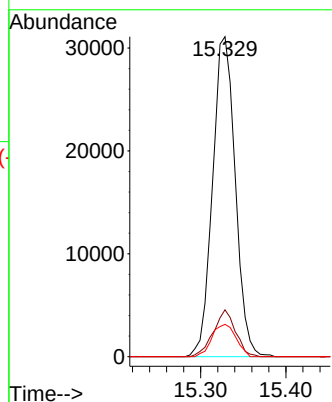
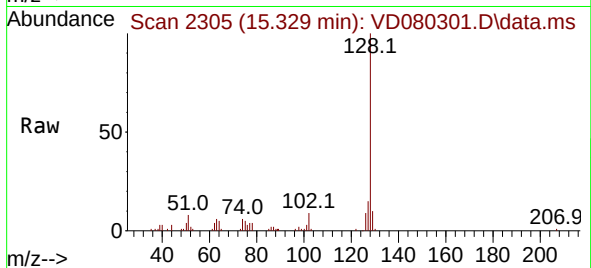




#95
Naphthalene
Concen: 16.922 ug/l
RT: 15.329 min Scan# 2305
Delta R.T. 0.001 min
Lab File: VD080301.D
Acq: 13 May 2025 14:43

Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS01

Tgt Ion:	128	Resp:	57517
Ion Ratio	Lower	Upper	
128	100		
127	14.7	11.8	17.8
129	10.1	8.3	12.5



#96
1,2,3-Trichlorobenzene
Concen: 18.199 ug/l
RT: 15.517 min Scan# 2337
Delta R.T. 0.001 min
Lab File: VD080301.D
Acq: 13 May 2025 14:43

Tgt Ion:	180	Resp:	29464
Ion Ratio	Lower	Upper	
180	100		
182	94.4	47.5	142.6
145	32.0	15.7	47.0

