

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050625\
 Data File : VD080292.D
 Acq On : 06 May 2025 14:23
 Operator : RP/MD
 Sample : VSTDICC020
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Quant Time: May 07 03:17:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050625S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 07 03:09:55 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	119859	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	198604	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.576	117	187152	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	100734	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	30976	19.985	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	39.960%#
35) Dibromofluoromethane	7.811	113	27010	20.291	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	40.580%#
50) Toluene-d8	10.264	98	103213	19.679	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	39.360%#
62) 4-Bromofluorobenzene	12.570	95	32858	19.519	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	39.040%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.935	85	31074	26.726	ug/l	100
3) Chloromethane	2.153	50	53899	23.567	ug/l	96
4) Vinyl Chloride	2.276	62	67022	21.509	ug/l	97
5) Bromomethane	2.676	94	50204	22.383	ug/l	99
6) Chloroethane	2.823	64	48168	21.863	ug/l	99
7) Trichlorofluoromethane	3.159	101	50429	21.106	ug/l	99
8) Diethyl Ether	3.594	74	15072	20.436	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.959	101	30436	20.675	ug/l	99
10) Methyl Iodide	4.159	142	29259	19.498	ug/l	94
11) Tert butyl alcohol	5.053	59	9066	96.391	ug/l #	67
12) 1,1-Dichloroethene	3.935	96	29724	20.481	ug/l	93
13) Acrolein	3.794	56	16642	100.564	ug/l	97
14) Allyl chloride	4.565	41	44799	19.627	ug/l	98
15) Acrylonitrile	5.259	53	35895	101.234	ug/l	98
16) Acetone	4.023	43	26343	100.367	ug/l #	88
17) Carbon Disulfide	4.265	76	106148	21.062	ug/l	96
18) Methyl Acetate	4.570	43	19220	19.134	ug/l	98
19) Methyl tert-butyl Ether	5.323	73	63930	20.051	ug/l	94
20) Methylene Chloride	4.794	84	38444	21.005	ug/l	96
21) trans-1,2-Dichloroethene	5.312	96	31816	20.179	ug/l	97
22) Diisopropyl ether	6.217	45	99503	21.163	ug/l	97
23) Vinyl Acetate	6.159	43	276853	101.098	ug/l	99
24) 1,1-Dichloroethane	6.106	63	59787	20.207	ug/l #	94
25) 2-Butanone	7.082	43	41887	98.218	ug/l	95
26) 2,2-Dichloropropane	7.076	77	48581	20.635	ug/l	99
27) cis-1,2-Dichloroethene	7.082	96	34813	19.929	ug/l	97
28) Bromochloromethane	7.423	49	27703	20.110	ug/l	97
29) Tetrahydrofuran	7.441	42	27387	98.491	ug/l	98
30) Chloroform	7.594	83	60811	20.610	ug/l	97
31) Cyclohexane	7.876	56	50162	19.920	ug/l	96
32) 1,1,1-Trichloroethane	7.788	97	49401	20.522	ug/l	100
36) 1,1-Dichloropropene	8.006	75	40103	20.158	ug/l	97
37) Ethyl Acetate	7.176	43	21448	20.672	ug/l	97
38) Carbon Tetrachloride	7.988	117	44381	21.391	ug/l	92
39) Methylcyclohexane	9.270	83	45799	19.840	ug/l	91
40) Benzene	8.247	78	127807	20.504	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.400	41	12397	21.534	ug/l	94
42) 1,2-Dichloroethane	8.323	62	38305	21.207	ug/l	100
43) Isopropyl Acetate	8.358	43	38348	20.329	ug/l	97
44) Trichloroethene	9.023	130	30029	20.753	ug/l	90
45) 1,2-Dichloropropane	9.305	63	33014	20.651	ug/l #	87
46) Dibromomethane	9.394	93	18581	21.348	ug/l	96
47) Bromodichloromethane	9.588	83	44741	20.252	ug/l	94
48) Methyl methacrylate	9.382	41	16765	18.705	ug/l	94
49) 1,4-Dioxane	9.388	88	4380	423.258	ug/l	96
51) 4-Methyl-2-Pentanone	10.158	43	102075	105.020	ug/l	100
52) Toluene	10.329	92	76380	20.339	ug/l	99
53) t-1,3-Dichloropropene	10.552	75	40433	20.076	ug/l	99
54) cis-1,3-Dichloropropene	10.017	75	47786	20.475	ug/l	98
55) 1,1,2-Trichloroethane	10.735	97	23540	20.446	ug/l	94
56) Ethyl methacrylate	10.600	69	27358	19.610	ug/l	97
57) 1,3-Dichloropropane	10.882	76	39725	20.761	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.870	63	54791	95.966	ug/l	98
59) 2-Hexanone	10.917	43	66578	99.577	ug/l	98
60) Dibromochloromethane	11.070	129	30081	20.848	ug/l	93
61) 1,2-Dibromoethane	11.176	107	23275	21.801	ug/l	95
64) Tetrachloroethene	10.811	164	26331	20.776	ug/l	92
65) Chlorobenzene	11.605	112	84594	20.018	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.676	131	29290	20.174	ug/l	99
67) Ethyl Benzene	11.682	91	139501	19.754	ug/l	99
68) m/p-Xylenes	11.788	106	110674	40.363	ug/l	98
69) o-Xylene	12.117	106	48565	19.383	ug/l	95
70) Styrene	12.135	104	89828	19.965	ug/l	99
71) Bromoform	12.294	173	17591	20.394	ug/l #	98
73) Isopropylbenzene	12.417	105	127888	19.571	ug/l	98
74) N-amyl acetate	12.229	43	36957	19.706	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.670	83	30282	21.074	ug/l	98
76) 1,2,3-Trichloropropane	12.723	75	36595	34.240	ug/l #	100
77) Bromobenzene	12.699	156	33221	19.600	ug/l	94
78) n-propylbenzene	12.758	91	161385	19.681	ug/l	99
79) 2-Chlorotoluene	12.846	91	95094	19.937	ug/l	99
80) 1,3,5-Trimethylbenzene	12.899	105	111307	19.971	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.470	75	10859	21.201	ug/l	97
82) 4-Chlorotoluene	12.941	91	102425	19.893	ug/l	100
83) tert-Butylbenzene	13.164	119	89918	19.334	ug/l	99
84) 1,2,4-Trimethylbenzene	13.211	105	114868	20.144	ug/l	99
85) sec-Butylbenzene	13.341	105	140780	19.629	ug/l	98
86) p-Isopropyltoluene	13.458	119	118421	19.646	ug/l	98
87) 1,3-Dichlorobenzene	13.452	146	70964	20.076	ug/l	99
88) 1,4-Dichlorobenzene	13.535	146	72067	20.223	ug/l	99
89) n-Butylbenzene	13.782	91	113114	19.331	ug/l	98
90) Hexachloroethane	14.046	117	26594	19.940	ug/l	99
91) 1,2-Dichlorobenzene	13.829	146	62422	20.329	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.446	75	4538	19.815	ug/l	94
93) 1,2,4-Trichlorobenzene	15.093	180	36841	19.078	ug/l	97
94) Hexachlorobutadiene	15.193	225	19548	19.458	ug/l	97
95) Naphthalene	15.329	128	66818	18.428	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.517	180	33265	19.260	ug/l	99

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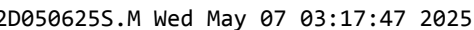
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MSVOA_D
ClientSampleId :
VSTDICC020

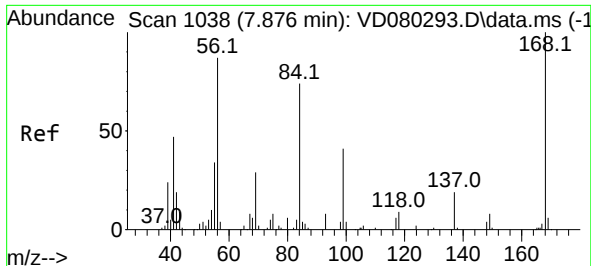
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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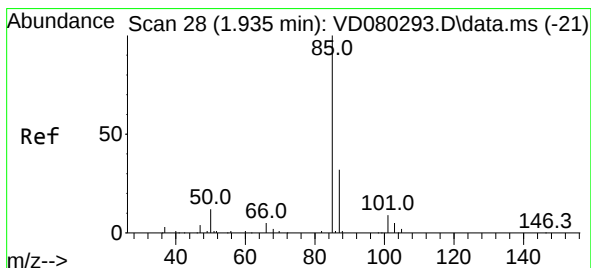
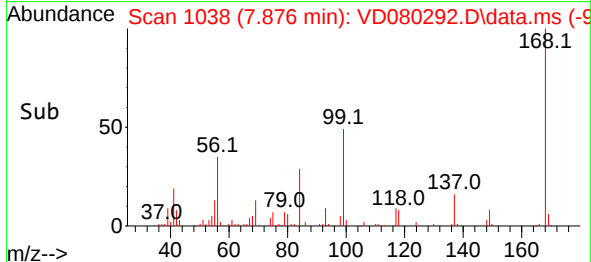
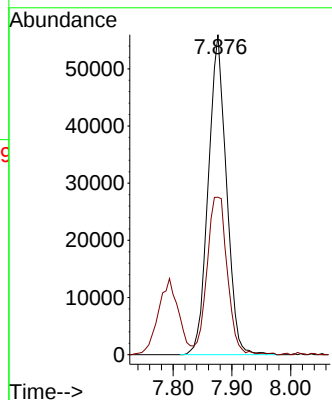
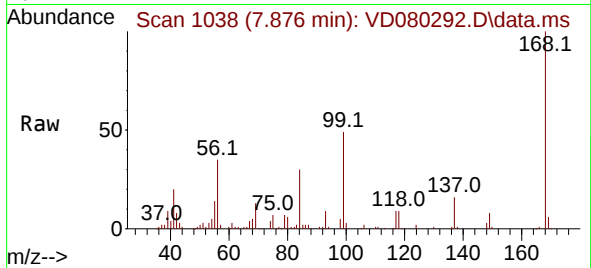




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VD080292.D
Acq: 06 May 2025 14:23

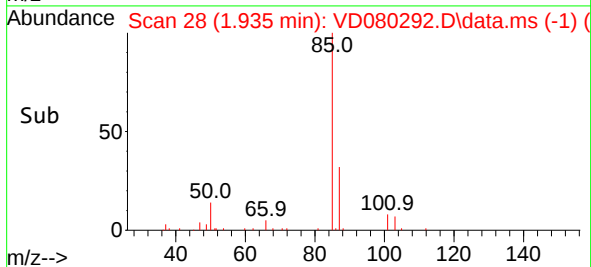
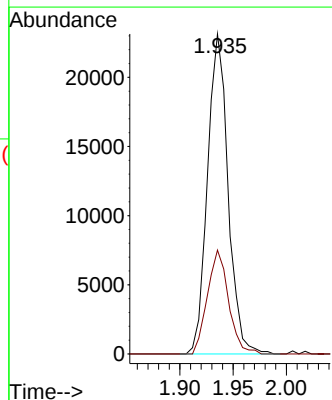
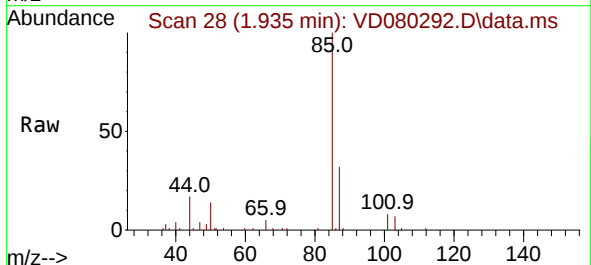
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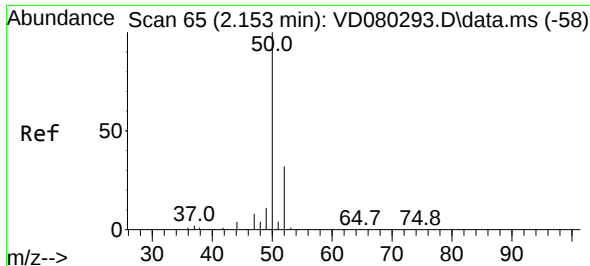
Tgt Ion:168 Resp: 119859
Ion Ratio Lower Upper
168 100
99 49.2 46.4 69.6



#2
Dichlorodifluoromethane
Concen: 26.726 ug/l
RT: 1.935 min Scan# 28
Delta R.T. 0.000 min
Lab File: VD080292.D
Acq: 06 May 2025 14:23

Tgt Ion: 85 Resp: 31074
Ion Ratio Lower Upper
85 100
87 32.5 16.2 48.6

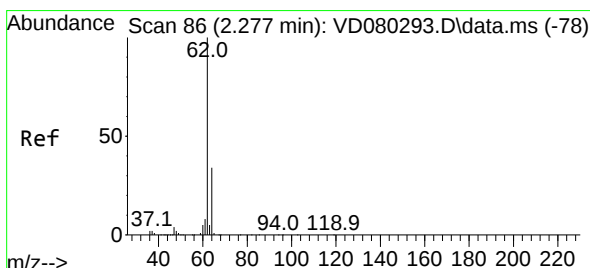
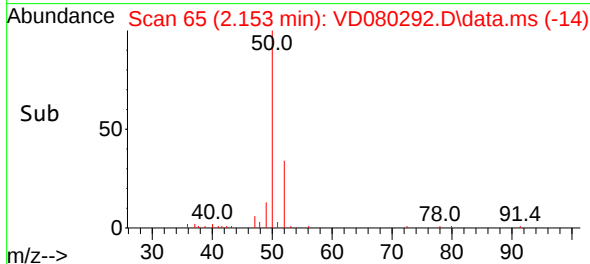
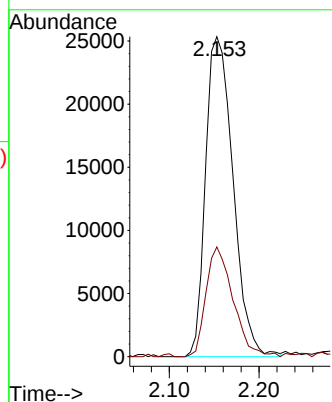
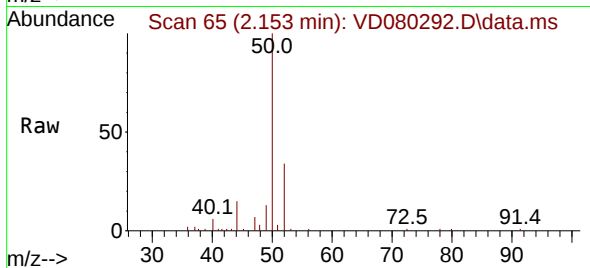




#3
Chloromethane
Concen: 23.567 ug/l
RT: 2.153 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD080292.D
Acq: 06 May 2025 14:23

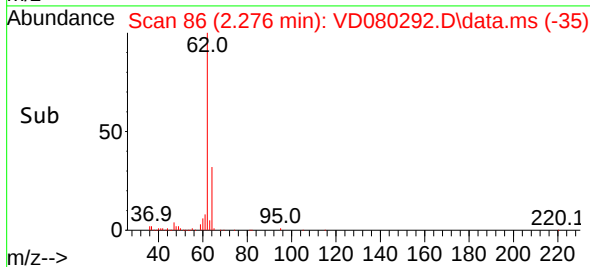
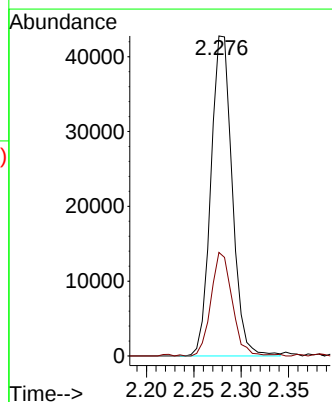
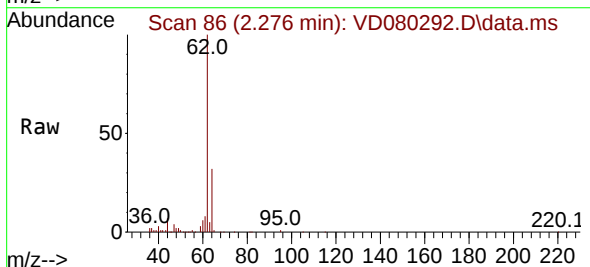
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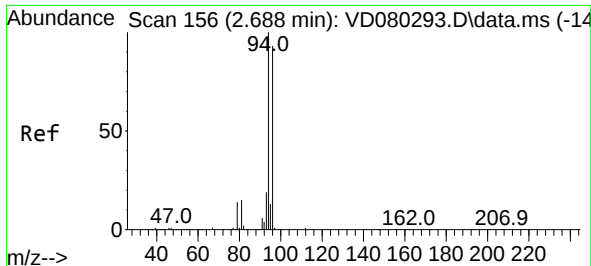
Tgt Ion: 50 Resp: 53899
Ion Ratio Lower Upper
50 100
52 34.5 25.7 38.5



#4
Vinyl Chloride
Concen: 21.509 ug/l
RT: 2.276 min Scan# 86
Delta R.T. -0.000 min
Lab File: VD080292.D
Acq: 06 May 2025 14:23

Tgt Ion: 62 Resp: 67022
Ion Ratio Lower Upper
62 100
64 32.0 26.9 40.3

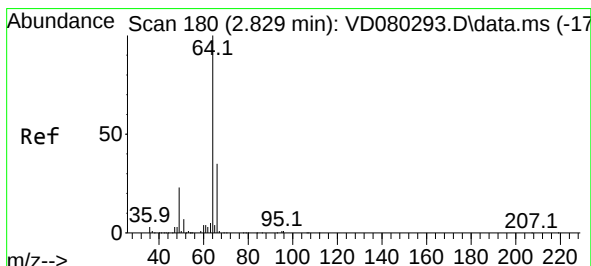
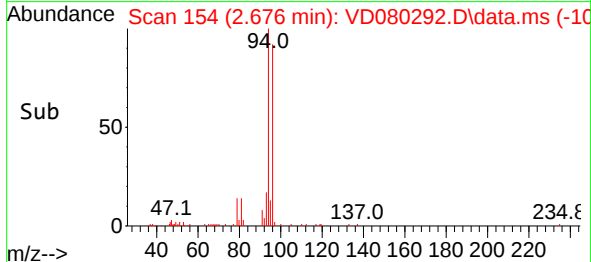
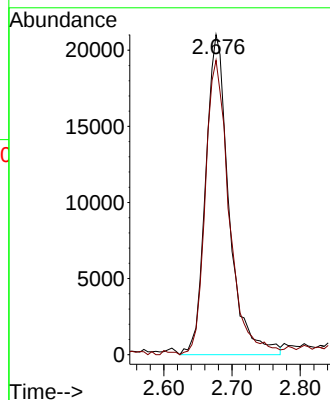
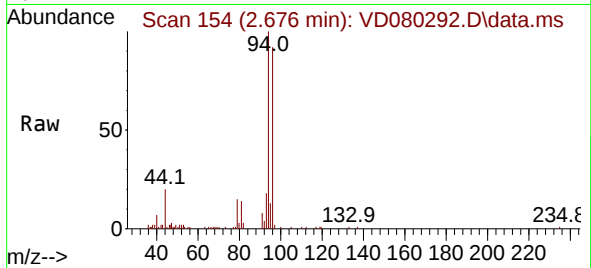




#5
Bromomethane
Concen: 22.383 ug/l
RT: 2.676 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD080292.D
Acq: 06 May 2025 14:23

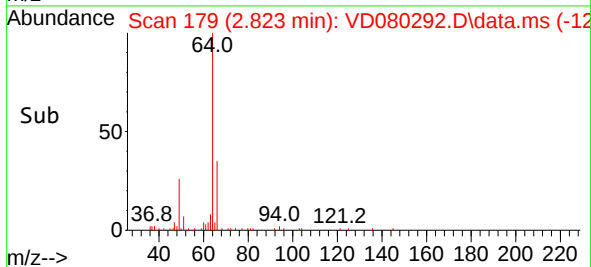
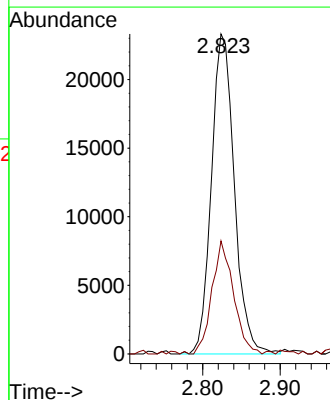
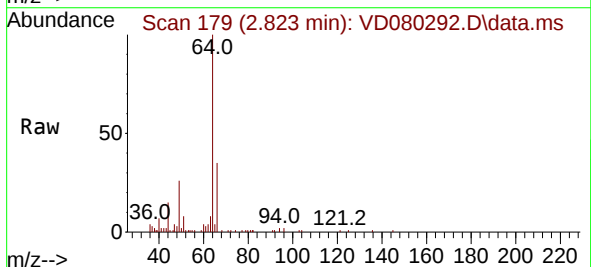
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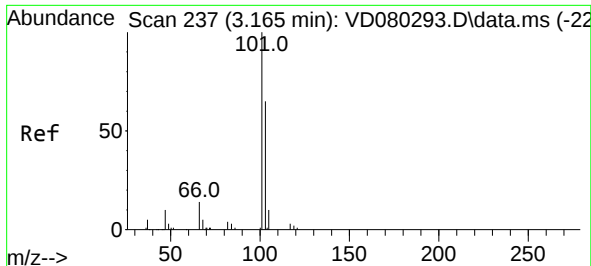
Tgt Ion: 94 Resp: 50204
Ion Ratio Lower Upper
94 100
96 94.1 74.6 112.0



#6
Chloroethane
Concen: 21.863 ug/l
RT: 2.823 min Scan# 179
Delta R.T. -0.006 min
Lab File: VD080292.D
Acq: 06 May 2025 14:23

Tgt Ion: 64 Resp: 48168
Ion Ratio Lower Upper
64 100
66 35.3 27.7 41.5

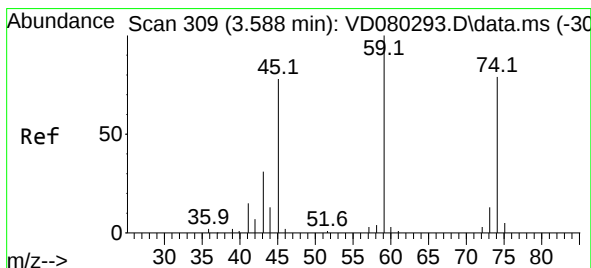
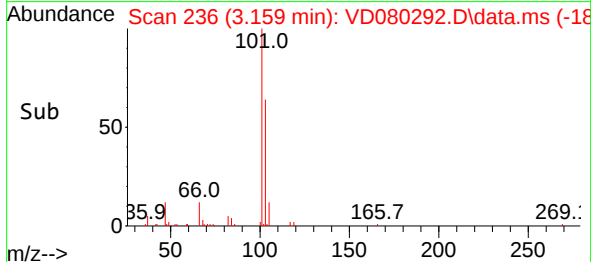
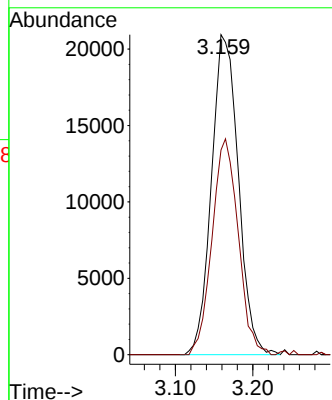
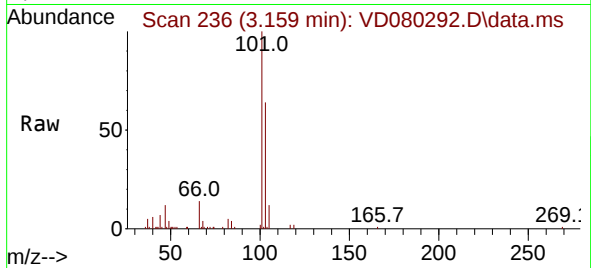




#7
Trichlorofluoromethane
Concen: 21.106 ug/l
RT: 3.159 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD080292.D
Acq: 06 May 2025 14:23

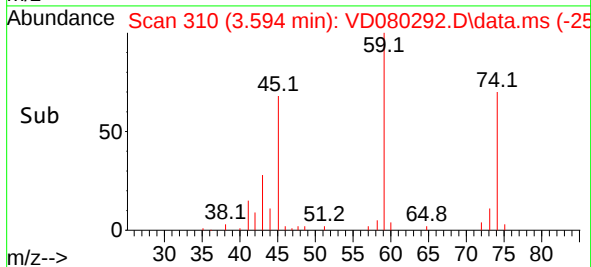
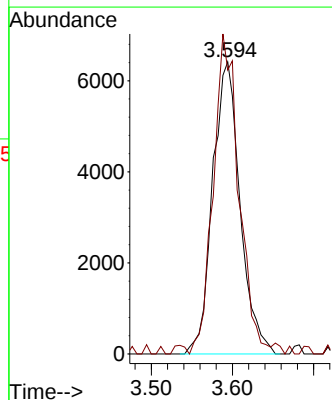
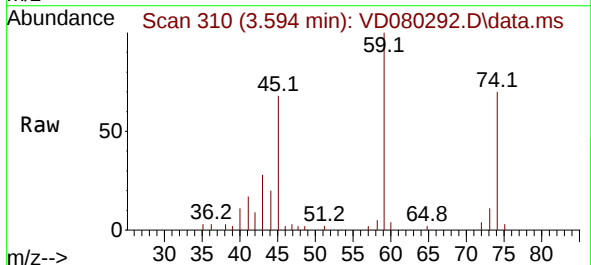
Instrument :
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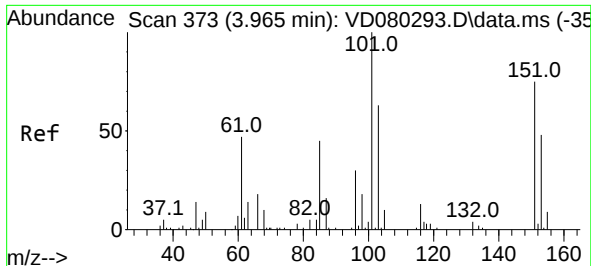
Tgt Ion:101 Resp: 50429
Ion Ratio Lower Upper
101 100
103 63.9 51.8 77.8



#8
Diethyl Ether
Concen: 20.436 ug/l
RT: 3.594 min Scan# 310
Delta R.T. 0.006 min
Lab File: VD080292.D
Acq: 06 May 2025 14:23

Tgt Ion: 74 Resp: 15072
Ion Ratio Lower Upper
74 100
45 103.6 53.1 159.4

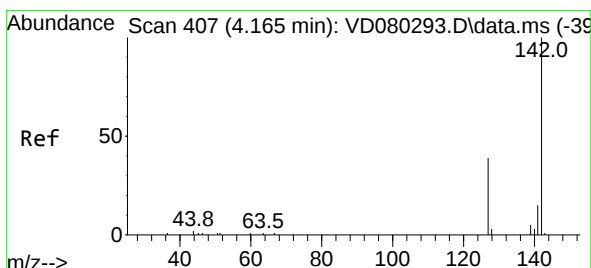
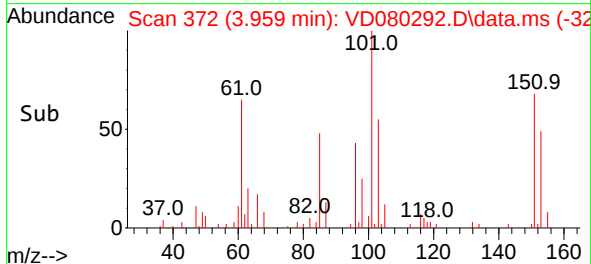
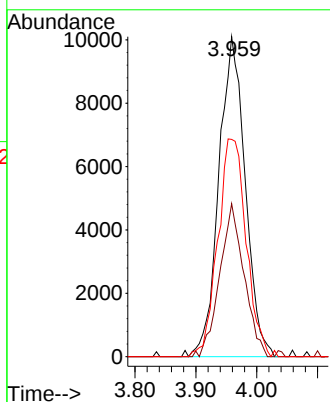
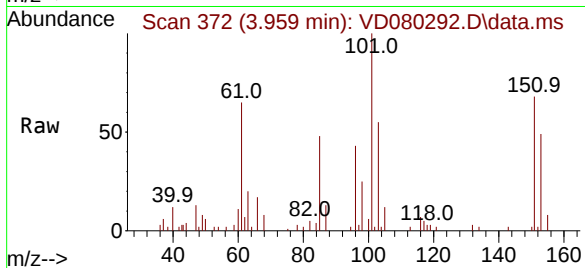




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.675 ug/l
RT: 3.959 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD080292.D
Acq: 06 May 2025 14:23

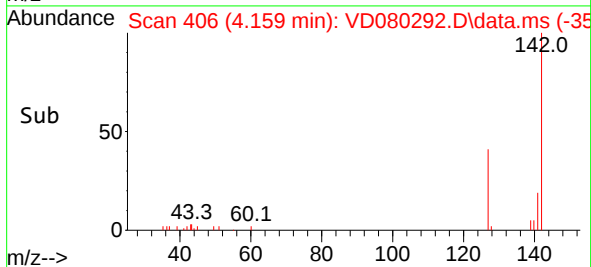
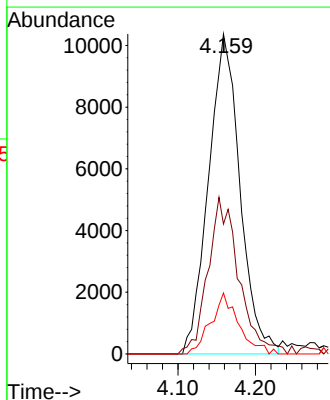
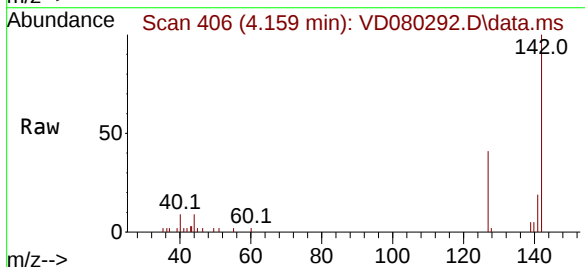
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

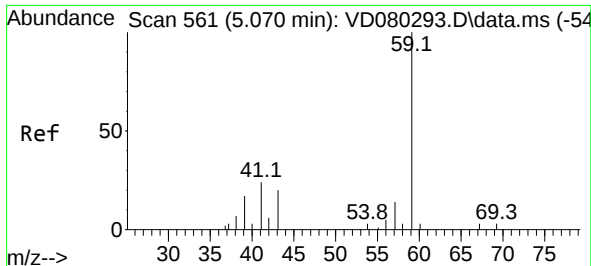
Tgt Ion:101 Resp: 30436
Ion Ratio Lower Upper
101 100
85 44.0 35.5 53.3
151 72.7 59.0 88.6



#10
Methyl Iodide
Concen: 19.498 ug/l
RT: 4.159 min Scan# 406
Delta R.T. -0.006 min
Lab File: VD080292.D
Acq: 06 May 2025 14:23

Tgt Ion:142 Resp: 29259
Ion Ratio Lower Upper
142 100
127 48.1 34.6 52.0
141 16.8 12.2 18.4





#11

Tert butyl alcohol

Concen: 96.391 ug/l

RT: 5.053 min Scan# 51

Delta R.T. -0.018 min

Lab File: VD080292.D

Acq: 06 May 2025 14:23

Instrument :

MSVOA_D

ClientSampleId :

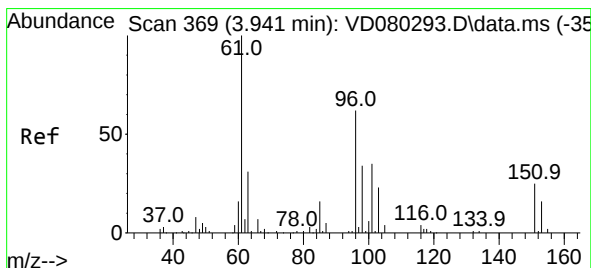
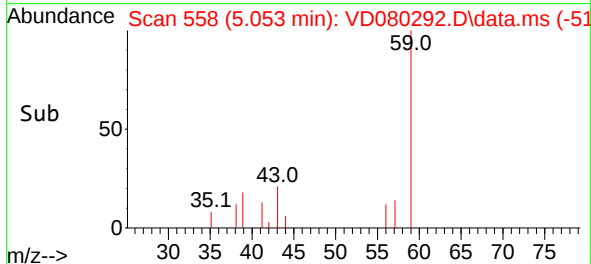
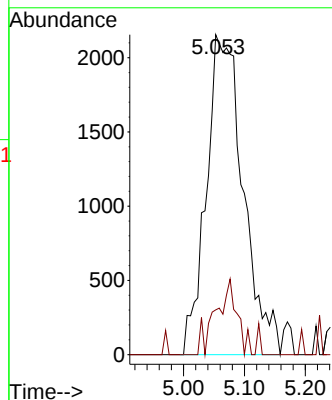
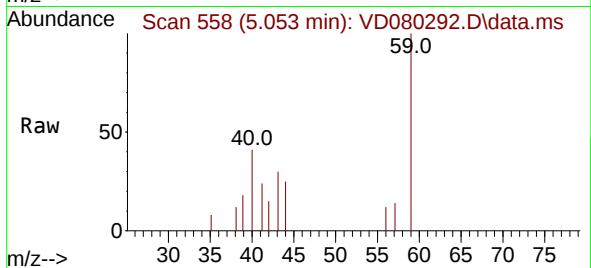
VSTDICC020

Tgt Ion: 59 Resp: 9066

Ion Ratio Lower Upper

59 100

57 0.0 10.6 16.0#



#12

1,1-Dichloroethene

Concen: 20.481 ug/l

RT: 3.935 min Scan# 368

Delta R.T. -0.006 min

Lab File: VD080292.D

Acq: 06 May 2025 14:23

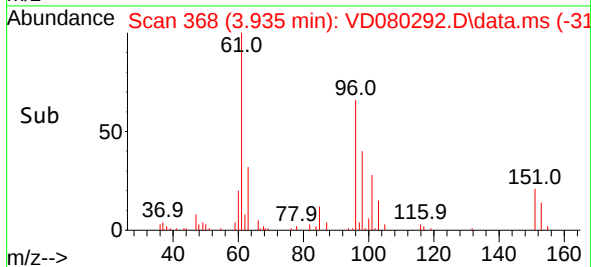
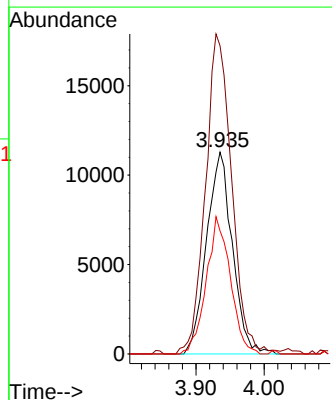
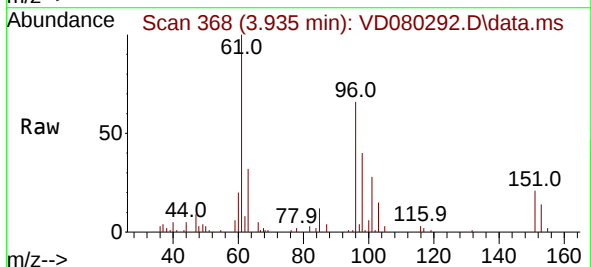
Tgt Ion: 96 Resp: 29724

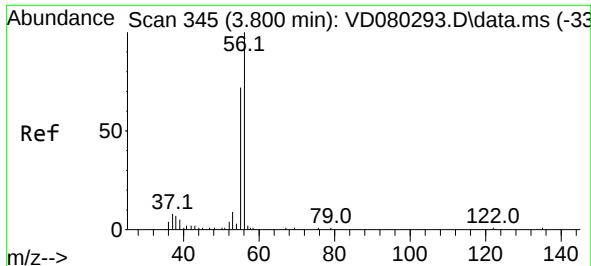
Ion Ratio Lower Upper

96 100

61 151.3 128.2 192.2

98 60.9 43.9 65.9

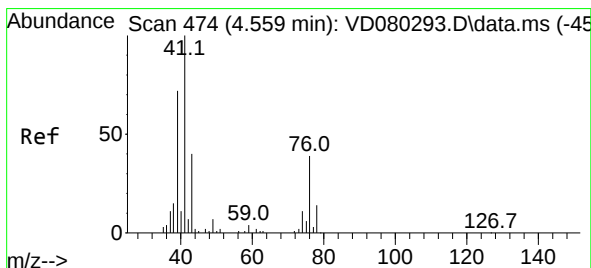
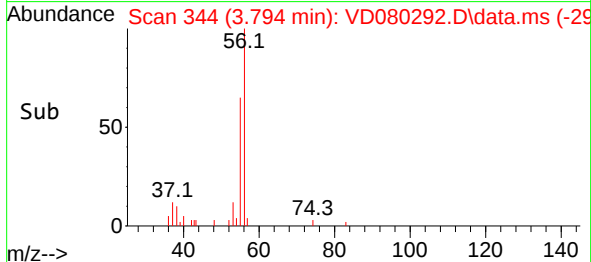
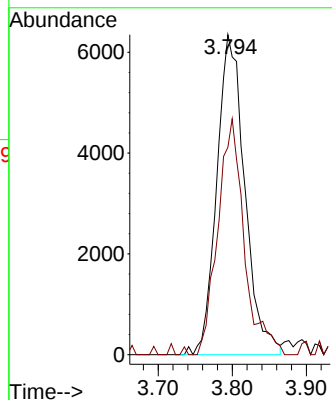
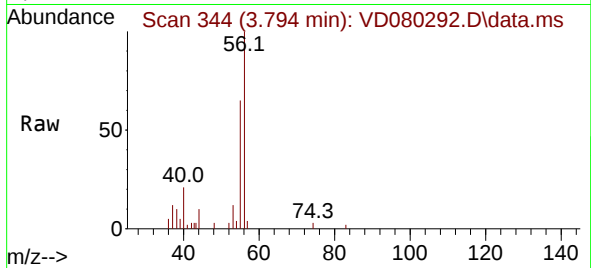




#13
Acrolein
Concen: 100.564 ug/l
RT: 3.794 min Scan# 345
Delta R.T. -0.006 min
Lab File: VD080292.D
Acq: 06 May 2025 14:23

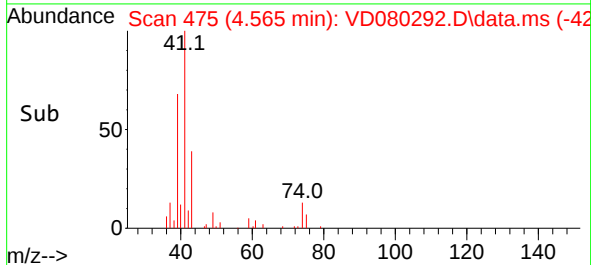
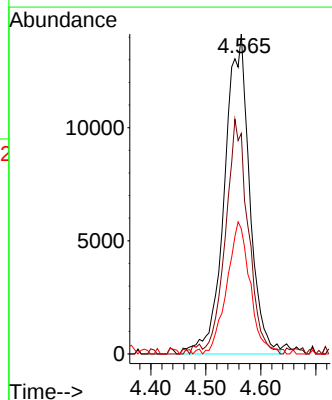
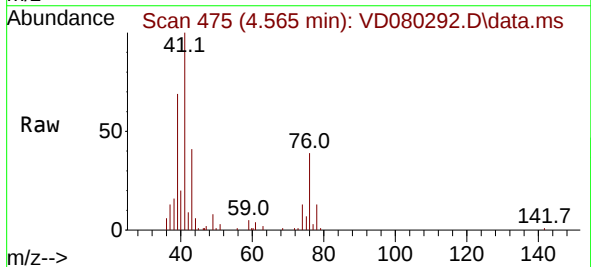
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

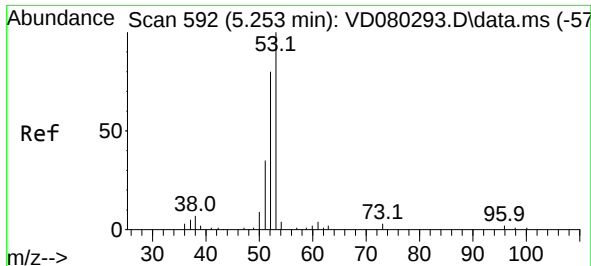
Tgt Ion: 56 Resp: 16642
Ion Ratio Lower Upper
56 100
55 69.5 57.4 86.2



#14
Allyl chloride
Concen: 19.627 ug/l
RT: 4.565 min Scan# 475
Delta R.T. 0.006 min
Lab File: VD080292.D
Acq: 06 May 2025 14:23

Tgt Ion: 41 Resp: 44799
Ion Ratio Lower Upper
41 100
39 66.4 53.0 79.4
76 38.5 28.8 43.2

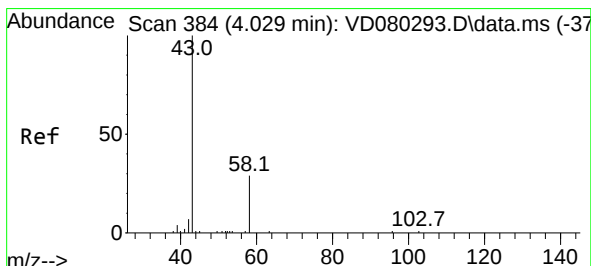
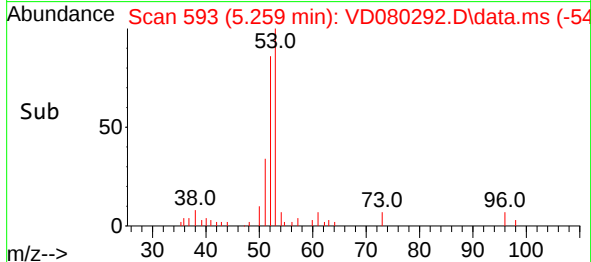
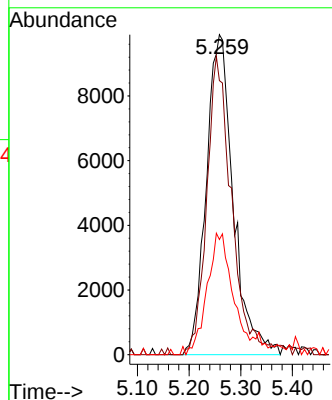
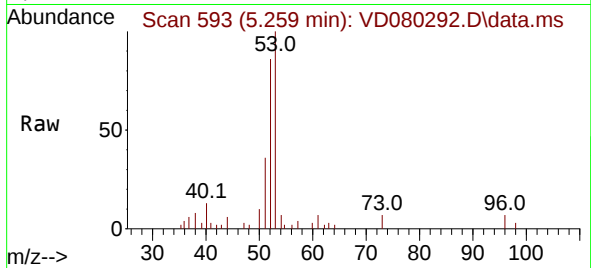




#15
Acrylonitrile
Concen: 101.234 ug/l
RT: 5.259 min Scan# 592
Delta R.T. 0.006 min
Lab File: VD080292.D
Acq: 06 May 2025 14:23

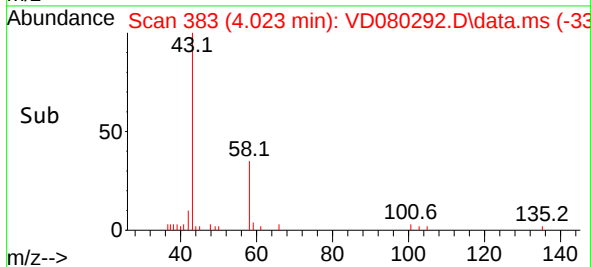
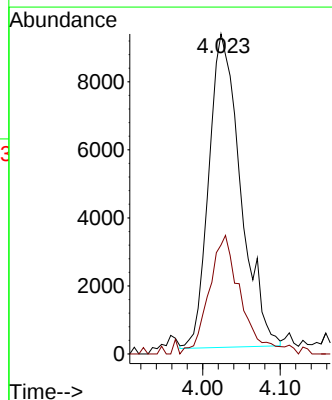
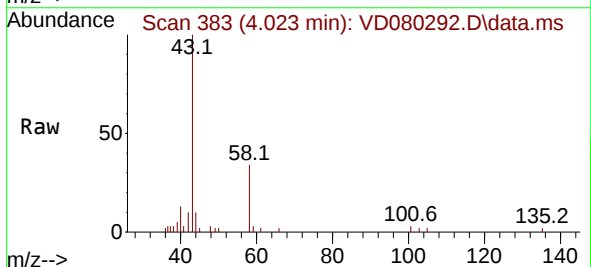
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

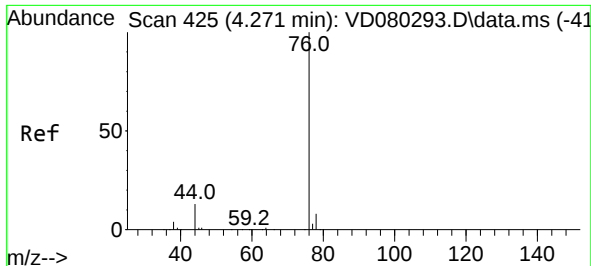
Tgt Ion: 53	Resp: 35895
Ion Ratio	Lower Upper
53 100	
52 85.4	67.3 100.9
51 35.6	30.4 45.6



#16
Acetone
Concen: 100.367 ug/l
RT: 4.023 min Scan# 383
Delta R.T. -0.006 min
Lab File: VD080292.D
Acq: 06 May 2025 14:23

Tgt Ion: 43	Resp: 26343
Ion Ratio	Lower Upper
43 100	
58 34.9	22.9 34.3#

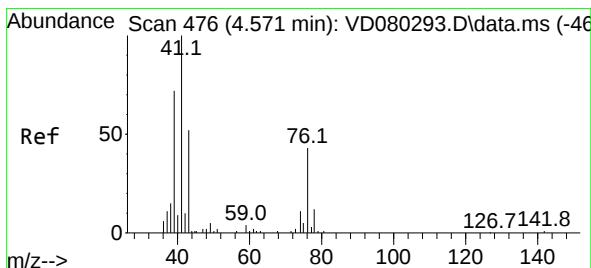
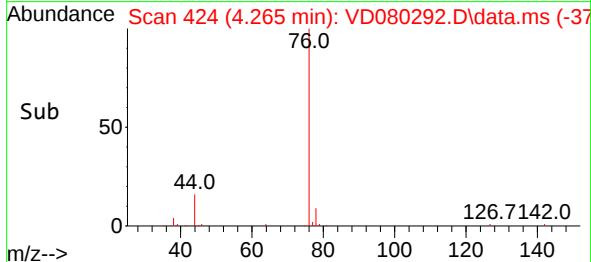
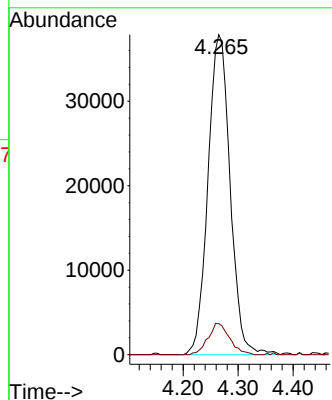
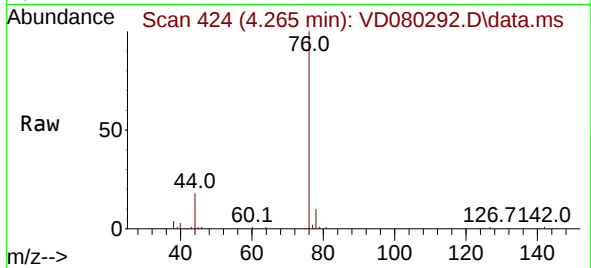




#17
Carbon Disulfide
Concen: 21.062 ug/l
RT: 4.265 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD080292.D
Acq: 06 May 2025 14:23

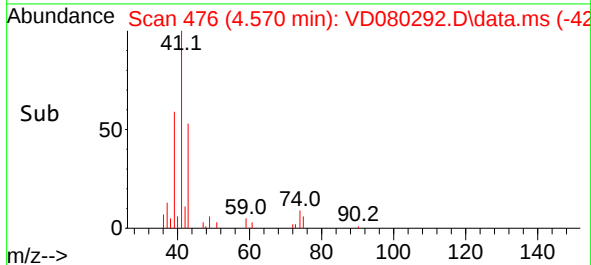
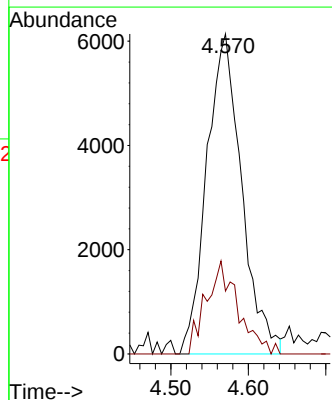
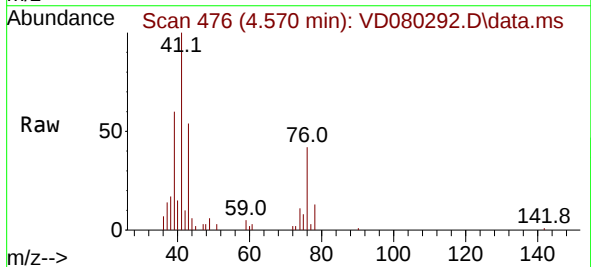
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

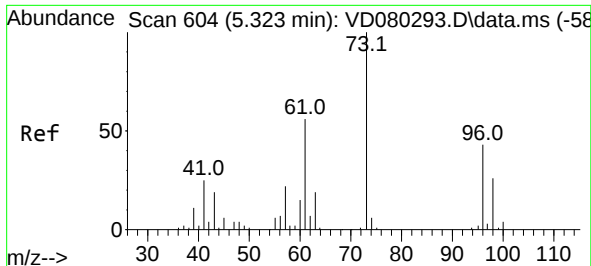
Tgt Ion: 76 Resp: 106148
Ion Ratio Lower Upper
76 100
78 9.7 6.6 10.0



#18
Methyl Acetate
Concen: 19.134 ug/l
RT: 4.570 min Scan# 476
Delta R.T. -0.000 min
Lab File: VD080292.D
Acq: 06 May 2025 14:23

Tgt Ion: 43 Resp: 19220
Ion Ratio Lower Upper
43 100
74 26.7 20.4 30.6

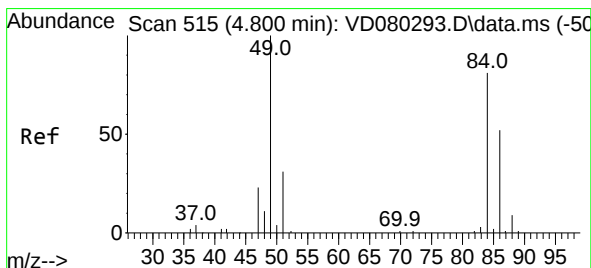
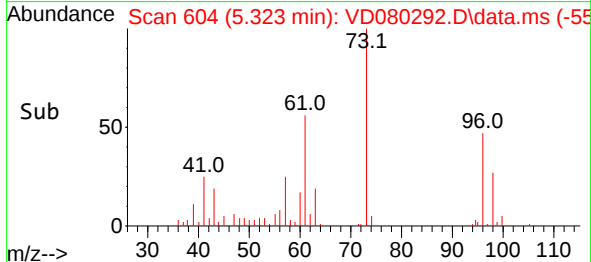
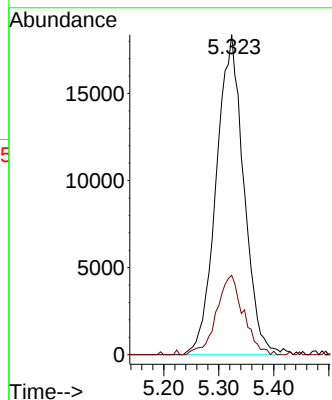
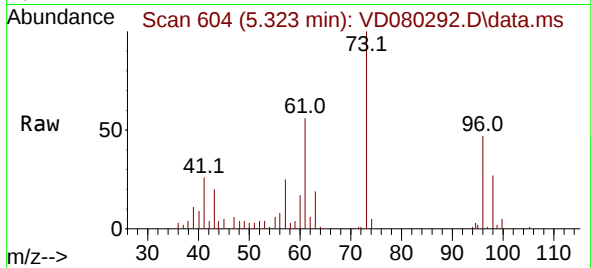




#19
Methyl tert-butyl Ether
Concen: 20.051 ug/l
RT: 5.323 min Scan# 604
Delta R.T. -0.000 min
Lab File: VD080292.D
Acq: 06 May 2025 14:23

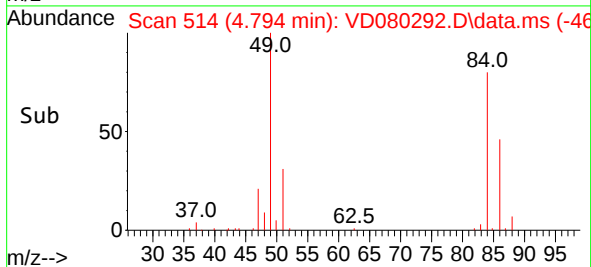
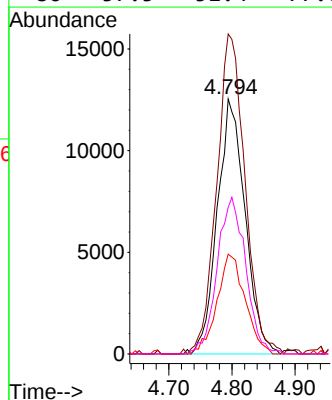
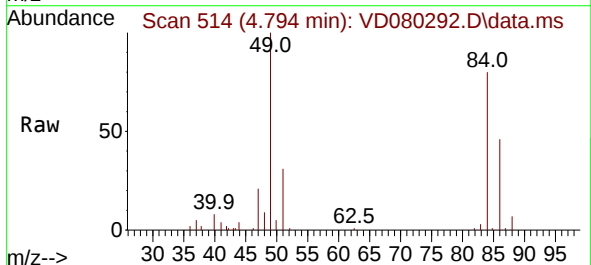
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

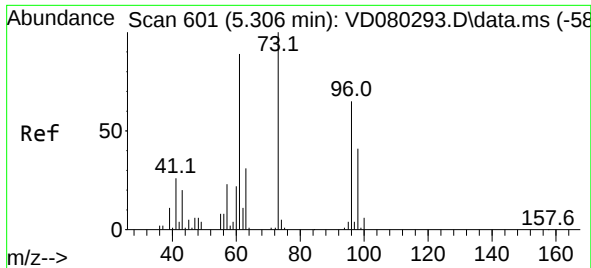
Tgt Ion: 73 Resp: 63930
Ion Ratio Lower Upper
73 100
57 24.8 17.5 26.3



#20
Methylene Chloride
Concen: 21.005 ug/l
RT: 4.794 min Scan# 514
Delta R.T. -0.006 min
Lab File: VD080292.D
Acq: 06 May 2025 14:23

Tgt Ion: 84 Resp: 38444
Ion Ratio Lower Upper
84 100
49 125.5 98.7 148.1
51 39.2 30.8 46.2
86 57.5 51.4 77.0

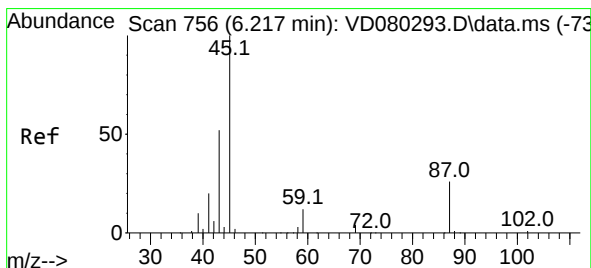
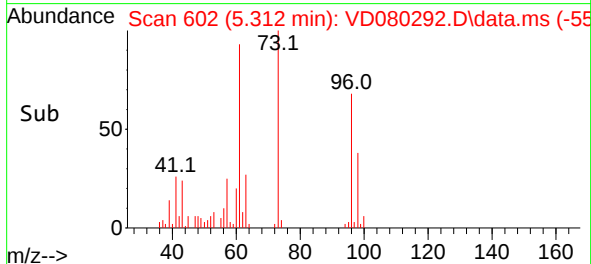
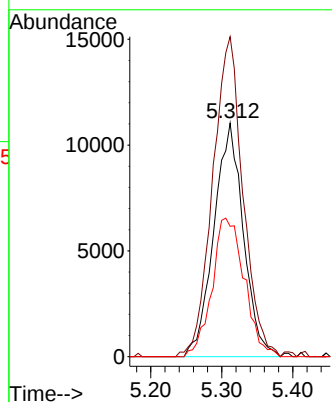
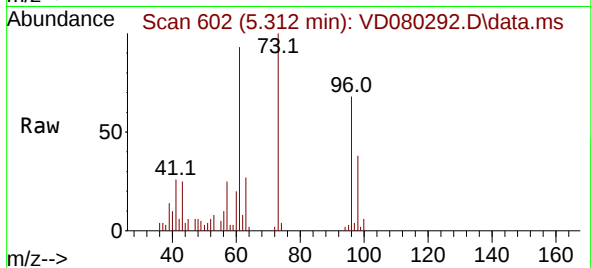




#21
trans-1,2-Dichloroethene
Concen: 20.179 ug/l
RT: 5.312 min Scan# 601
Delta R.T. 0.006 min
Lab File: VD080292.D
Acq: 06 May 2025 14:23

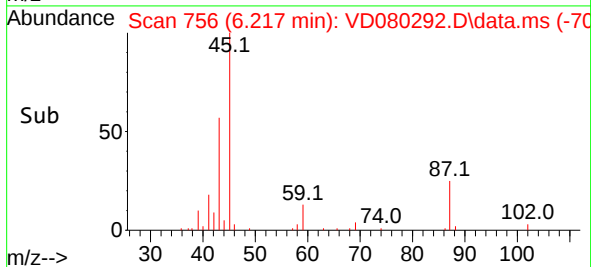
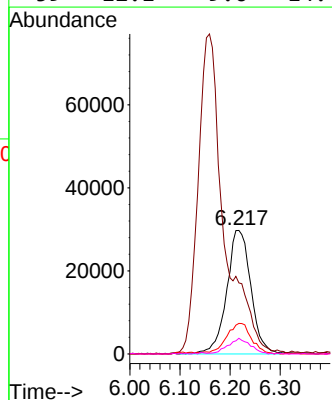
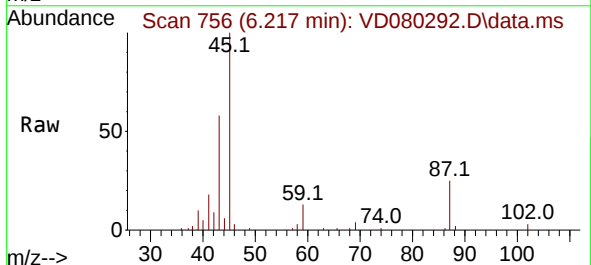
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

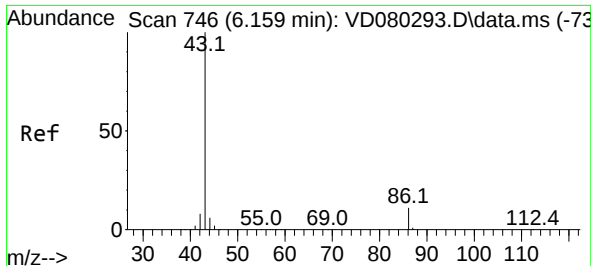
Tgt Ion: 96 Resp: 31816
Ion Ratio Lower Upper
96 100
61 136.9 109.9 164.9
98 55.8 50.6 75.8



#22
Diisopropyl ether
Concen: 21.163 ug/l
RT: 6.217 min Scan# 756
Delta R.T. -0.000 min
Lab File: VD080292.D
Acq: 06 May 2025 14:23

Tgt Ion: 45 Resp: 99503
Ion Ratio Lower Upper
45 100
43 55.6 42.5 63.7
87 24.8 21.4 32.0
59 12.1 9.6 14.4

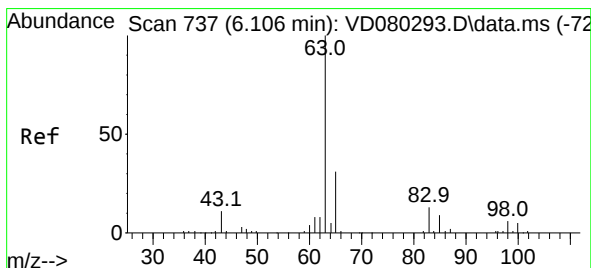
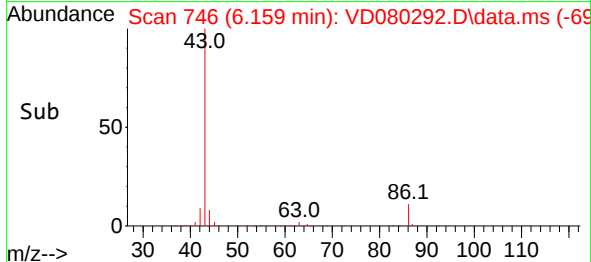
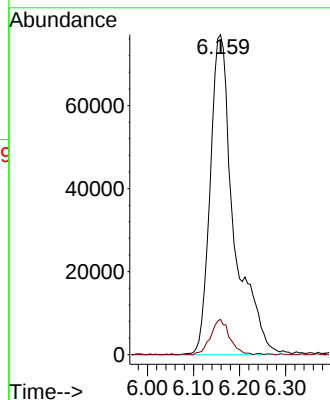
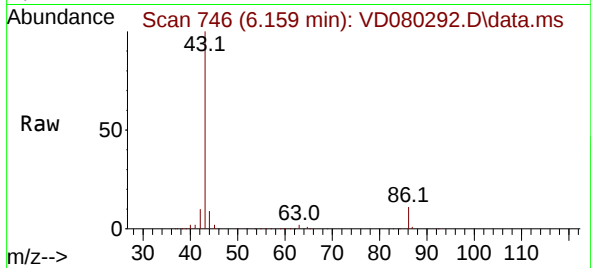




#23
 Vinyl Acetate
 Concen: 101.098 ug/l
 RT: 6.159 min Scan# 746
 Delta R.T. -0.000 min
 Lab File: VD080292.D
 Acq: 06 May 2025 14:23

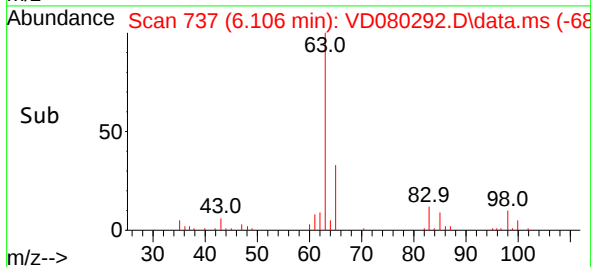
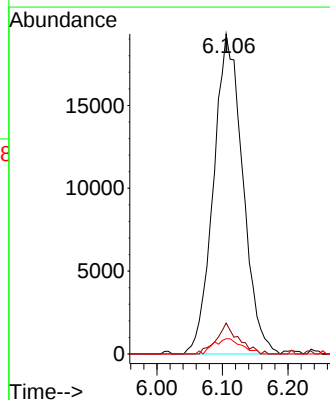
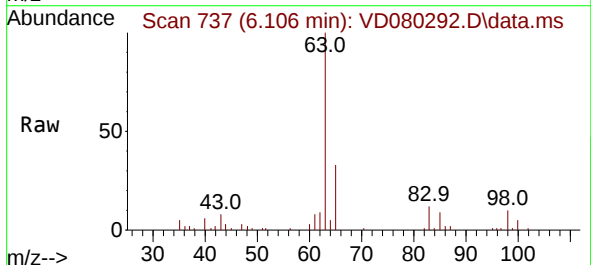
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 MSVOA_D
 ClientSampleId :
 VSTDIC020

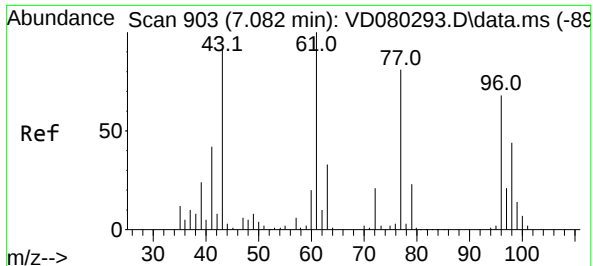
Tgt Ion: 43 Resp: 276853
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 20.207 ug/l
 RT: 6.106 min Scan# 737
 Delta R.T. -0.000 min
 Lab File: VD080292.D
 Acq: 06 May 2025 14:23

Tgt Ion: 63 Resp: 59787
 Ion Ratio Lower Upper
 63 100
 98 9.7 3.1 9.3#
 100 4.8 2.3 6.9





#25

2-Butanone

Concen: 98.218 ug/l

RT: 7.082 min Scan# 903

Delta R.T. -0.000 min

Lab File: VD080292.D

Acq: 06 May 2025 14:23

Instrument :

MSVOA_D

ClientSampleId :

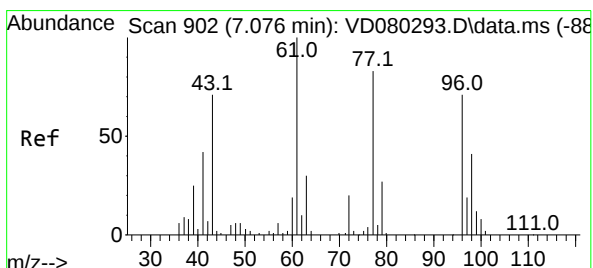
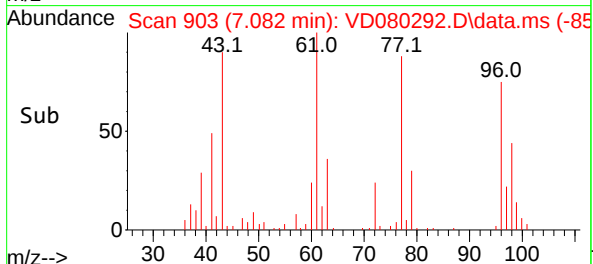
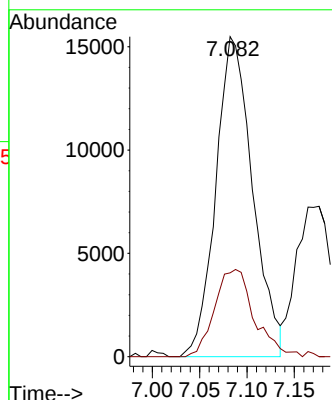
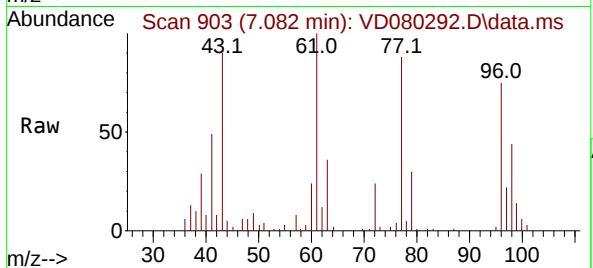
VSTDICC020

Tgt Ion: 43 Resp: 41887

Ion Ratio Lower Upper

43 100

72 26.2 19.0 28.4



#26

2,2-Dichloropropane

Concen: 20.635 ug/l

RT: 7.076 min Scan# 902

Delta R.T. -0.000 min

Lab File: VD080292.D

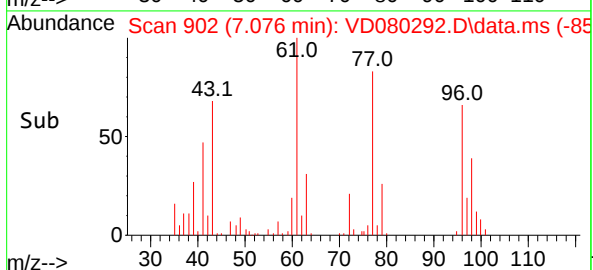
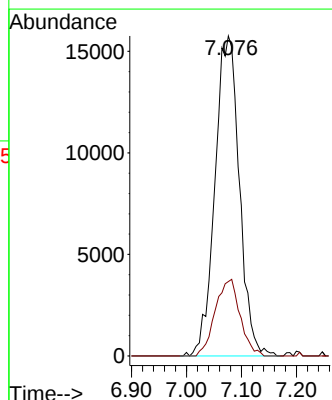
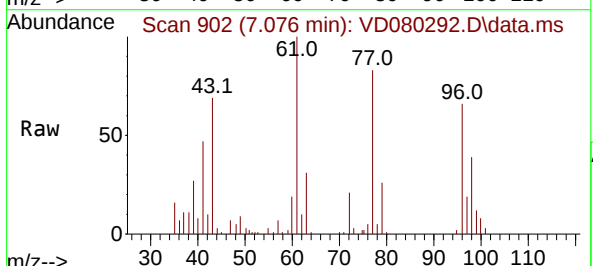
Acq: 06 May 2025 14:23

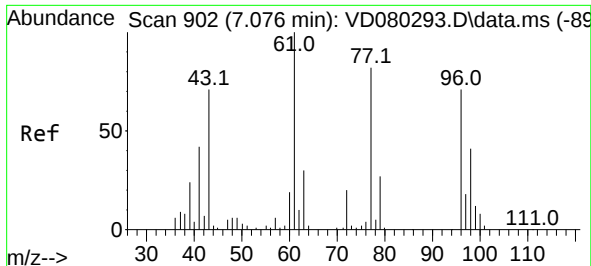
Tgt Ion: 77 Resp: 48581

Ion Ratio Lower Upper

77 100

97 24.4 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 19.929 ug/l

RT: 7.082 min Scan# 902

Delta R.T. 0.006 min

Lab File: VD080292.D

Acq: 06 May 2025 14:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

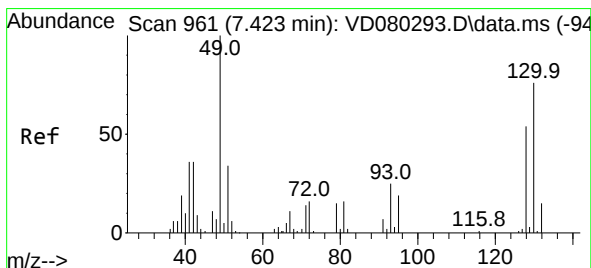
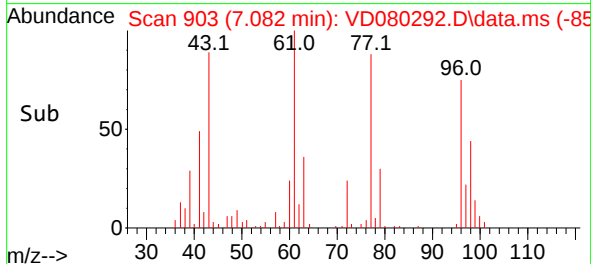
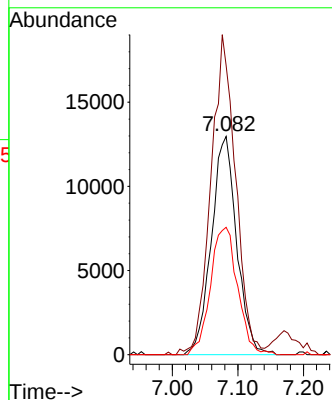
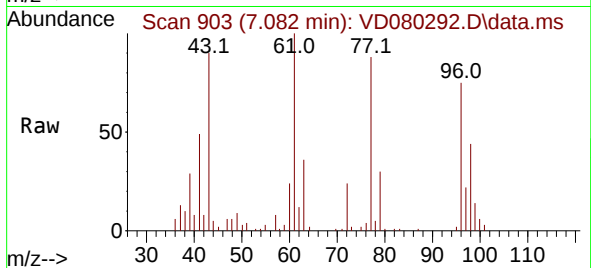
Tgt Ion: 96 Resp: 34813

Ion Ratio Lower Upper

96 100

61 142.9 0.0 293.8

98 62.7 0.0 128.8



#28

Bromochloromethane

Concen: 20.110 ug/l

RT: 7.423 min Scan# 961

Delta R.T. -0.000 min

Lab File: VD080292.D

Acq: 06 May 2025 14:23

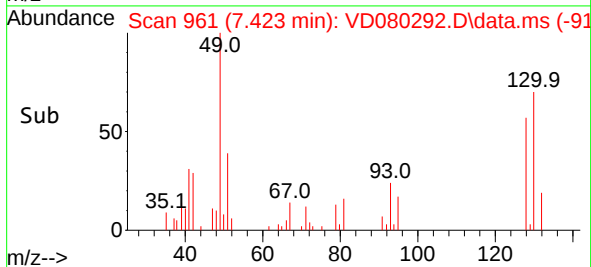
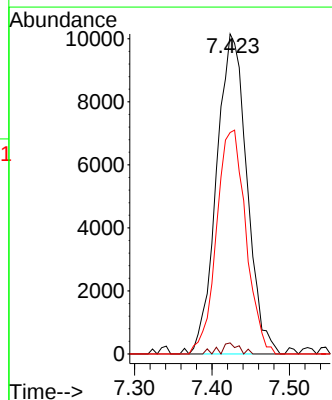
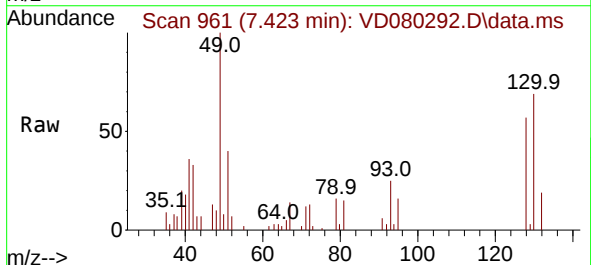
Tgt Ion: 49 Resp: 27703

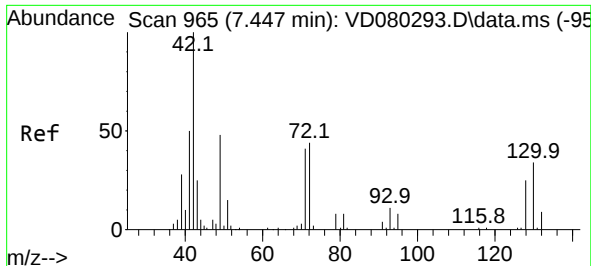
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.0

130 67.8 56.0 84.0





#29

Tetrahydrofuran

Concen: 98.491 ug/l

RT: 7.441 min Scan# 90

Delta R.T. -0.006 min

Lab File: VD080292.D

Acq: 06 May 2025 14:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

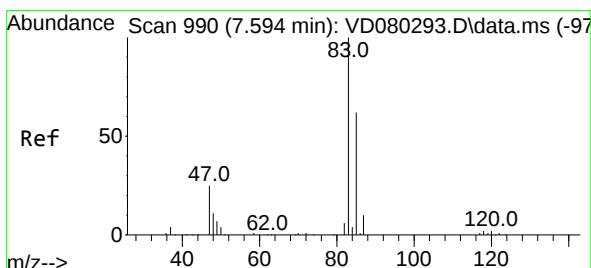
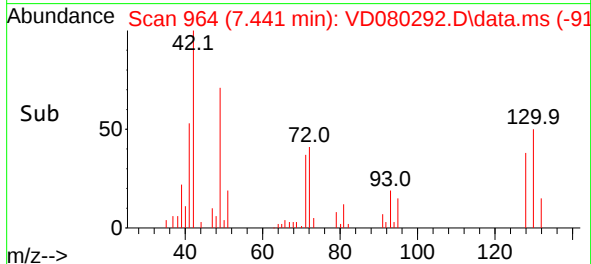
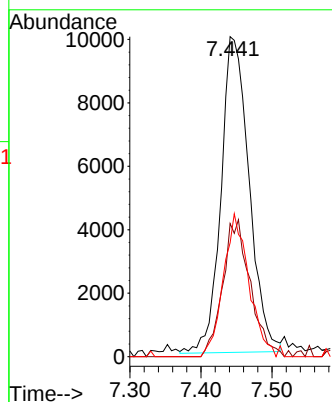
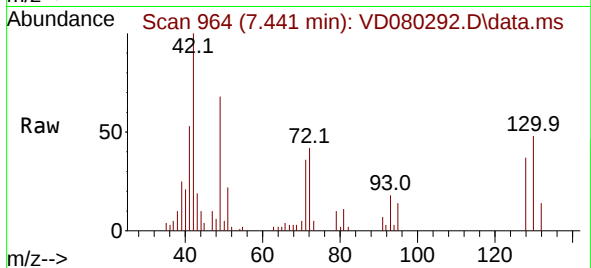
Tgt Ion: 42 Resp: 27387

Ion Ratio Lower Upper

42 100

72 42.3 32.8 49.2

71 41.5 33.8 50.6



#30

Chloroform

Concen: 20.610 ug/l

RT: 7.594 min Scan# 990

Delta R.T. -0.000 min

Lab File: VD080292.D

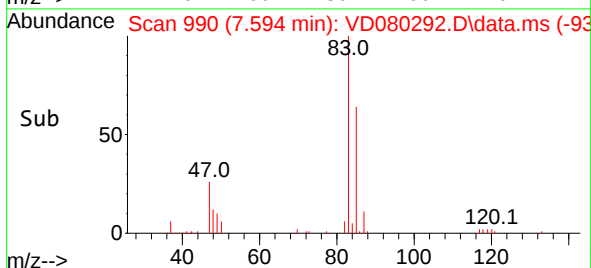
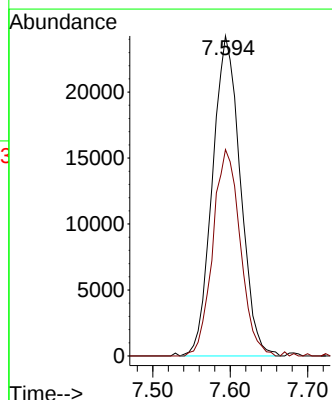
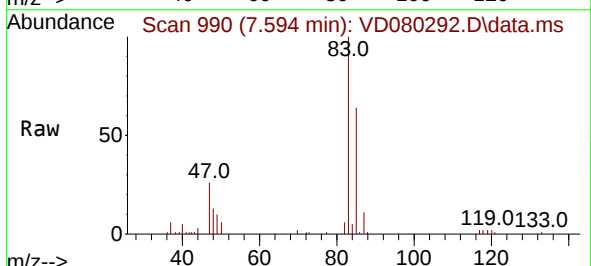
Acq: 06 May 2025 14:23

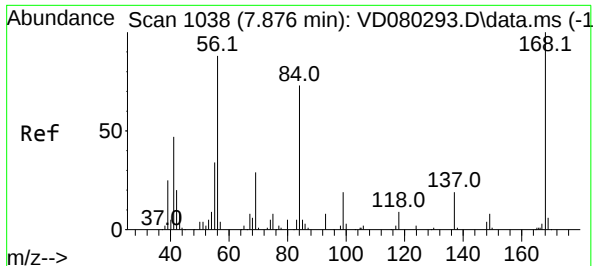
Tgt Ion: 83 Resp: 60811

Ion Ratio Lower Upper

83 100

85 64.5 50.0 75.0

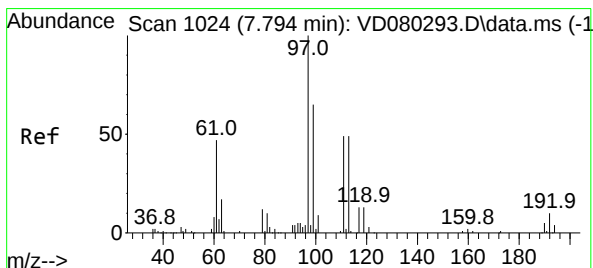
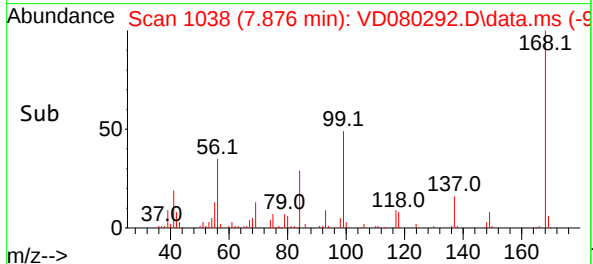
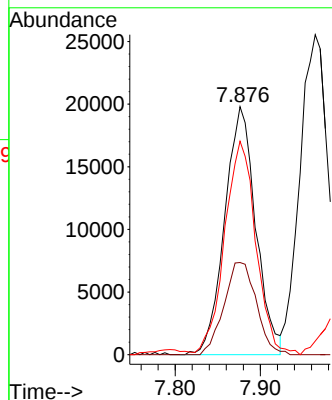
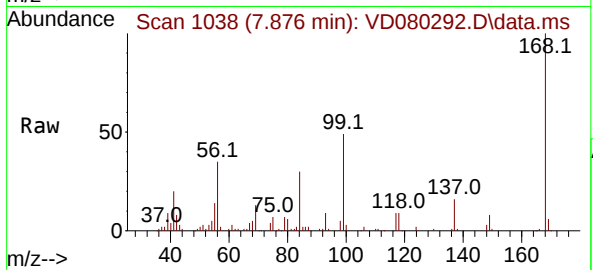




#31
Cyclohexane
Concen: 19.920 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VD080292.D
Acq: 06 May 2025 14:23

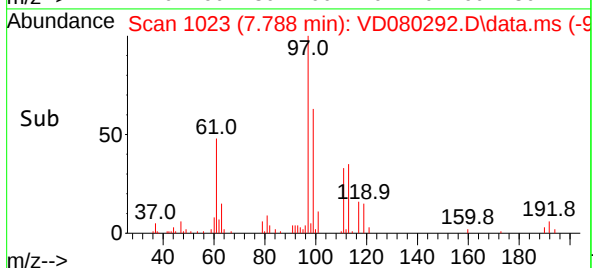
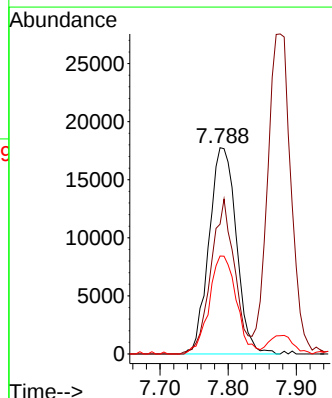
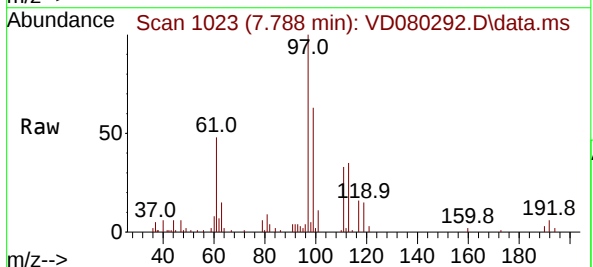
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

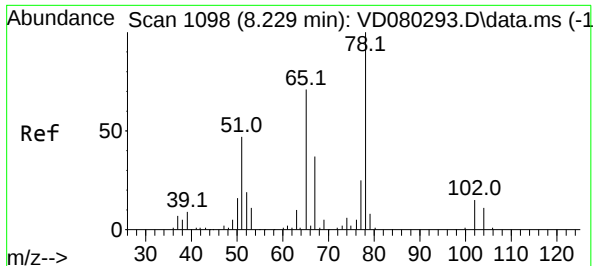
Tgt Ion: 56 Resp: 50162
Ion Ratio Lower Upper
56 100
69 37.2 26.1 39.1
84 84.8 66.5 99.7



#32
1,1,1-Trichloroethane
Concen: 20.522 ug/l
RT: 7.788 min Scan# 1023
Delta R.T. -0.006 min
Lab File: VD080292.D
Acq: 06 May 2025 14:23

Tgt Ion: 97 Resp: 49401
Ion Ratio Lower Upper
97 100
99 65.4 52.4 78.6
61 47.4 37.9 56.9





#33

1,2-Dichloroethane-d4

Concen: 19.985 ug/l

RT: 8.229 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VD080292.D

Acq: 06 May 2025 14:23

Instrument :

MSVOA_D

ClientSampleId :

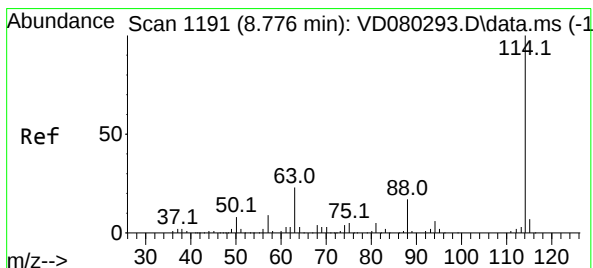
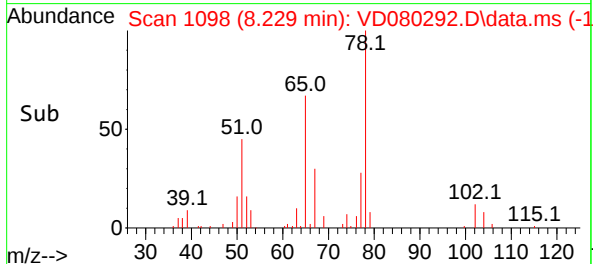
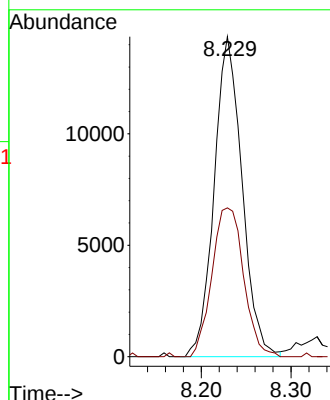
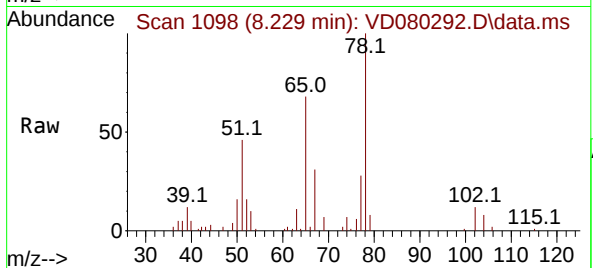
VSTDIC020

Tgt Ion: 65 Resp: 30976

Ion Ratio Lower Upper

65 100

67 52.8 0.0 107.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.776 min Scan# 1191

Delta R.T. -0.000 min

Lab File: VD080292.D

Acq: 06 May 2025 14:23

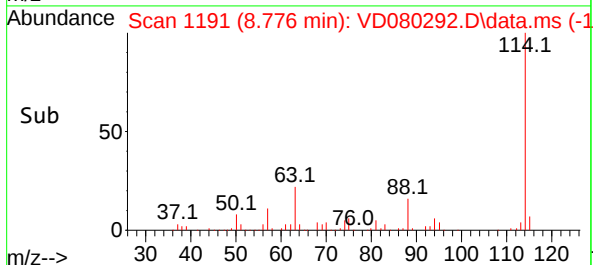
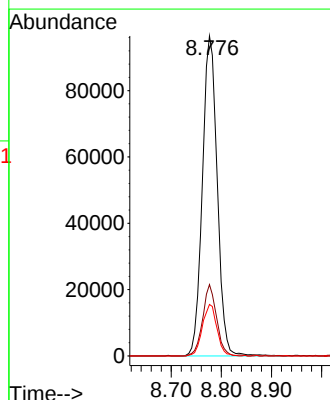
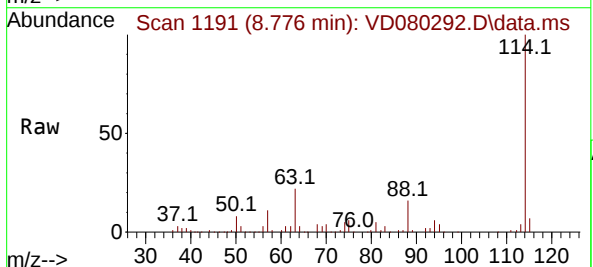
Tgt Ion: 114 Resp: 198604

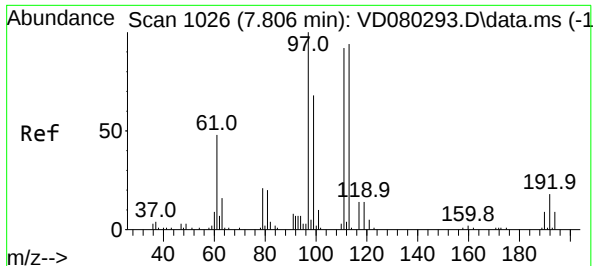
Ion Ratio Lower Upper

114 100

63 22.3 0.0 45.6

88 16.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 20.291 ug/l

RT: 7.811 min Scan# 1027

Delta R.T. 0.006 min

Lab File: VD080292.D

Acq: 06 May 2025 14:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

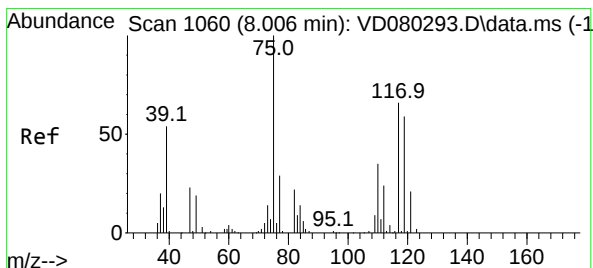
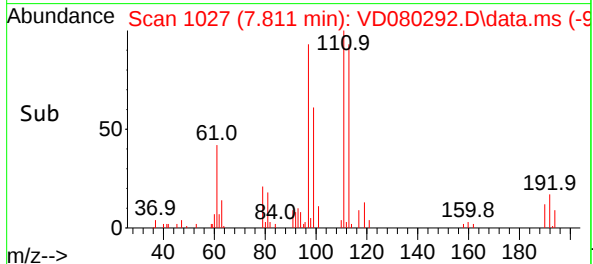
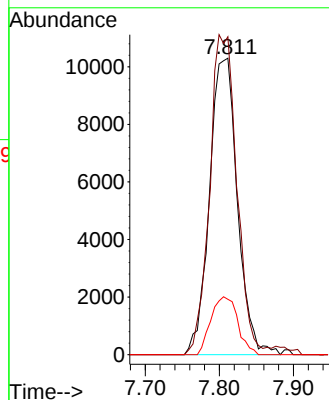
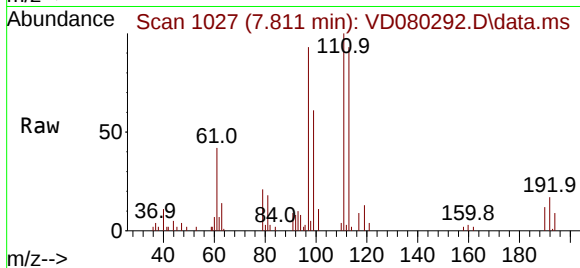
Tgt Ion:113 Resp: 27010

Ion Ratio Lower Upper

113 100

111 104.9 80.7 121.1

192 18.7 15.7 23.5



#36

1,1-Dichloropropene

Concen: 20.158 ug/l

RT: 8.006 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VD080292.D

Acq: 06 May 2025 14:23

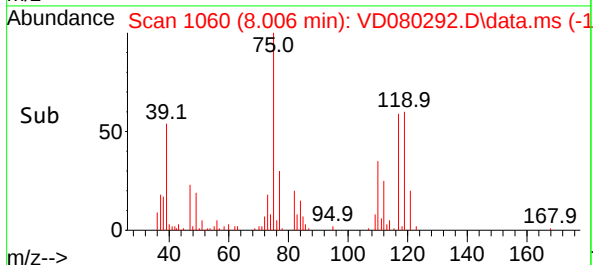
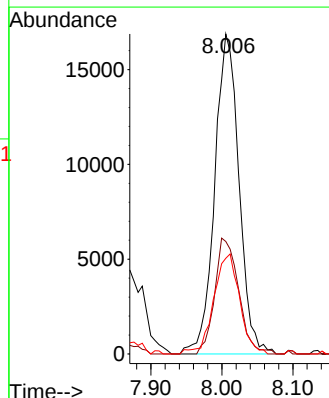
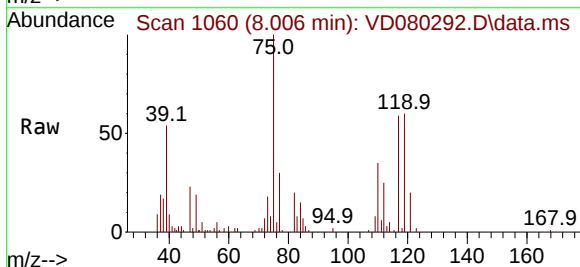
Tgt Ion: 75 Resp: 40103

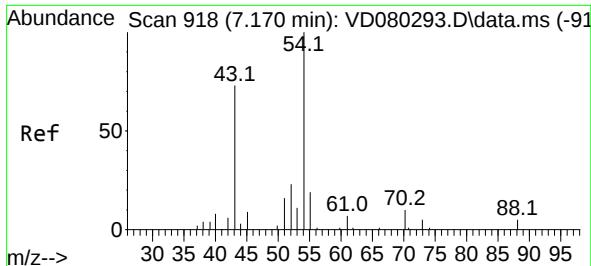
Ion Ratio Lower Upper

75 100

110 35.7 17.1 51.2

77 33.3 24.9 37.3





#37

Ethyl Acetate

Concen: 20.672 ug/l

RT: 7.176 min Scan# 918

Delta R.T. 0.006 min

Lab File: VD080292.D

Acq: 06 May 2025 14:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

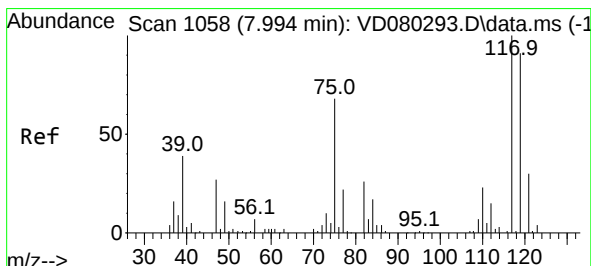
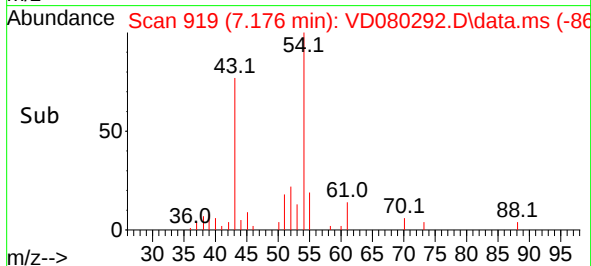
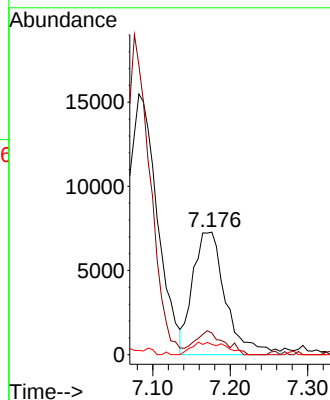
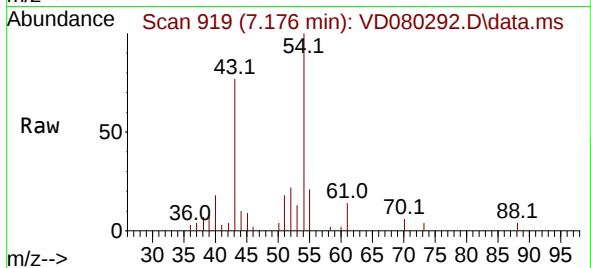
Tgt Ion: 43 Resp: 21448

Ion Ratio Lower Upper

43 100

61 16.9 12.2 18.4

70 10.4 8.7 13.1



#38

Carbon Tetrachloride

Concen: 21.391 ug/l

RT: 7.988 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD080292.D

Acq: 06 May 2025 14:23

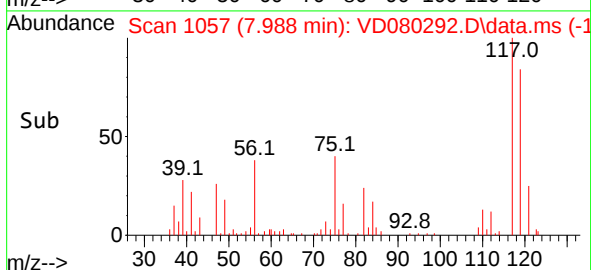
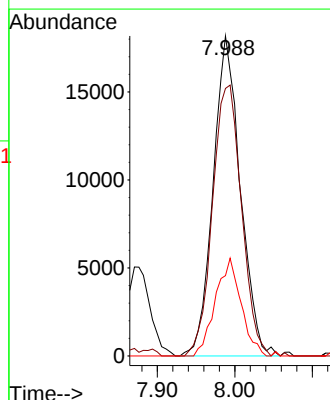
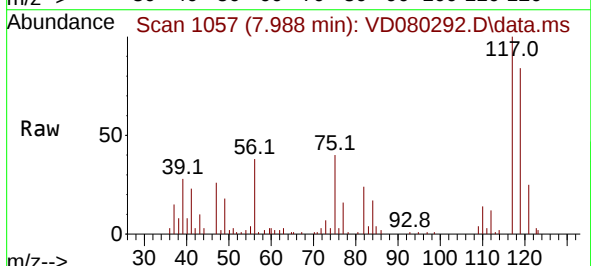
Tgt Ion: 117 Resp: 44381

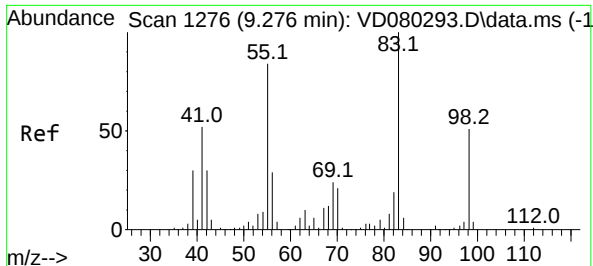
Ion Ratio Lower Upper

117 100

119 83.6 72.7 109.1

121 25.1 24.4 36.6





#39

Methylcyclohexane

Concen: 19.840 ug/l

RT: 9.270 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VD080292.D

Acq: 06 May 2025 14:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

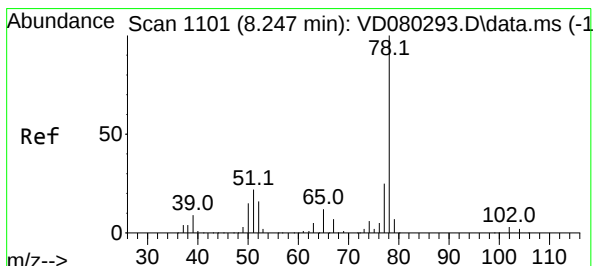
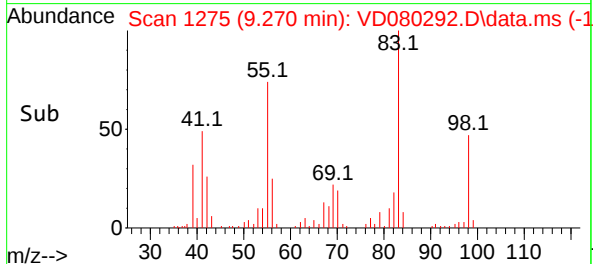
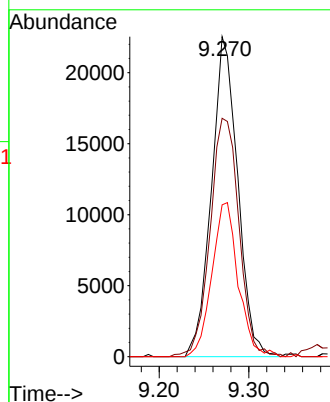
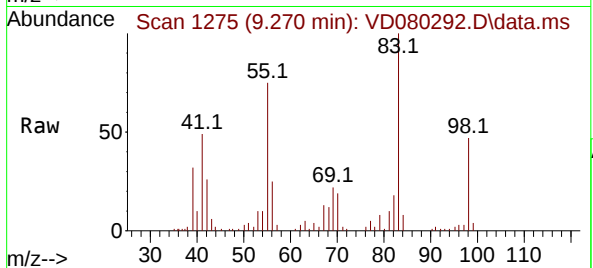
Tgt Ion: 83 Resp: 45799

Ion Ratio Lower Upper

83 100

55 73.8 67.4 101.2

98 47.5 40.6 61.0



#40

Benzene

Concen: 20.504 ug/l

RT: 8.247 min Scan# 1101

Delta R.T. -0.000 min

Lab File: VD080292.D

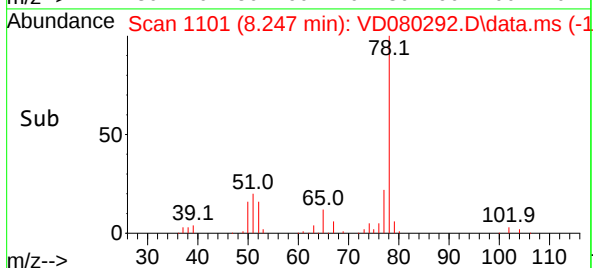
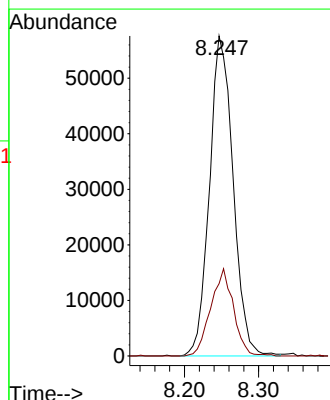
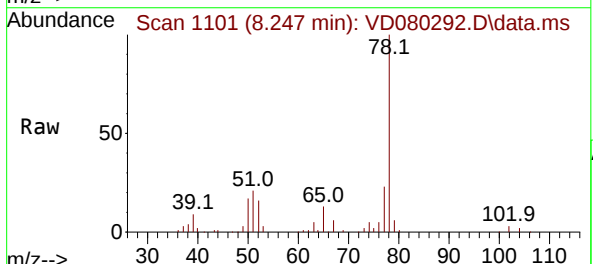
Acq: 06 May 2025 14:23

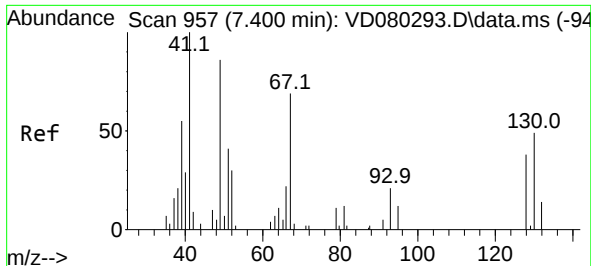
Tgt Ion: 78 Resp: 127807

Ion Ratio Lower Upper

78 100

77 22.6 19.8 29.8



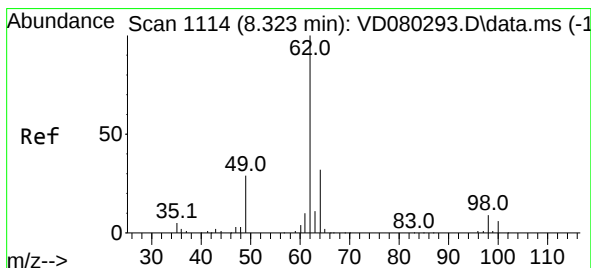
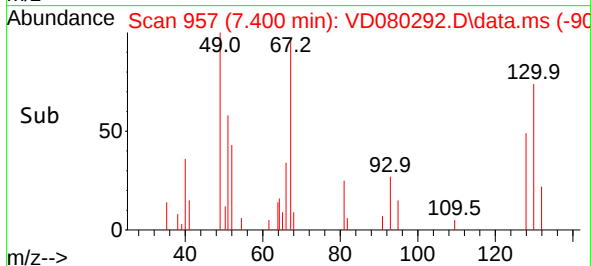
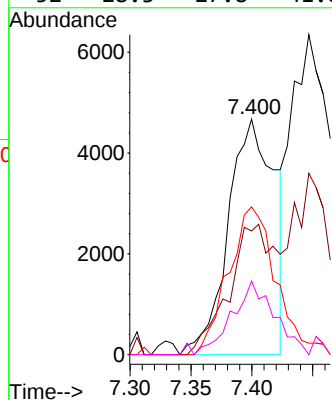
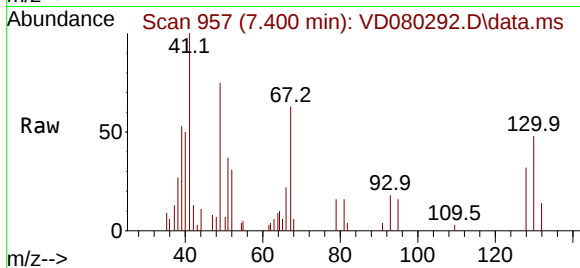


#41
Methacrylonitrile
Concen: 21.534 ug/l
RT: 7.400 min Scan# 911
Delta R.T. -0.000 min
Lab File: VD080292.D
Acq: 06 May 2025 14:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 41 Resp: 12397

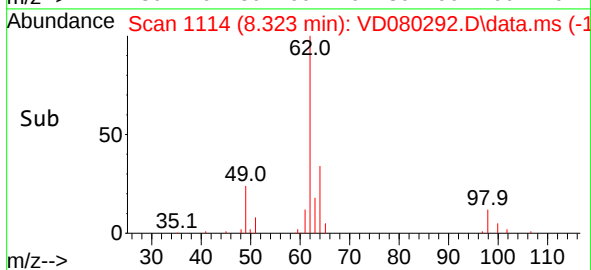
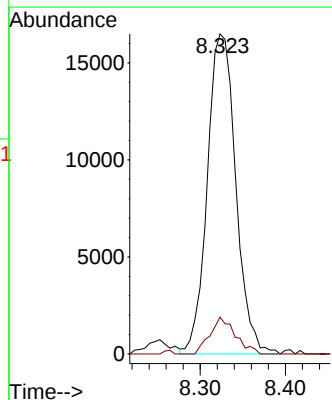
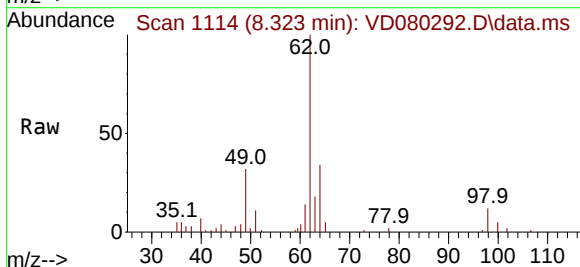
Ion	Ratio	Lower	Upper
41	100		
39	55.9	44.4	66.6
67	64.4	57.1	85.7
52	28.3	27.8	41.8

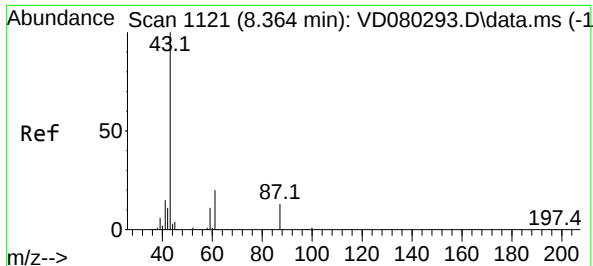


#42
1,2-Dichloroethane
Concen: 21.207 ug/l
RT: 8.323 min Scan# 1114
Delta R.T. -0.000 min
Lab File: VD080292.D
Acq: 06 May 2025 14:23

Tgt Ion: 62 Resp: 38305

Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.2

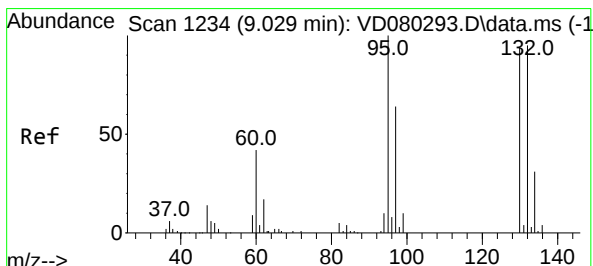
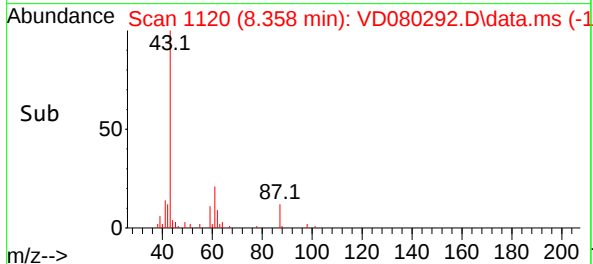
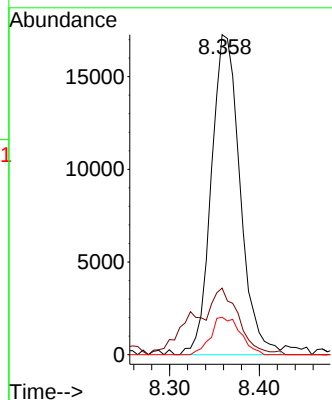
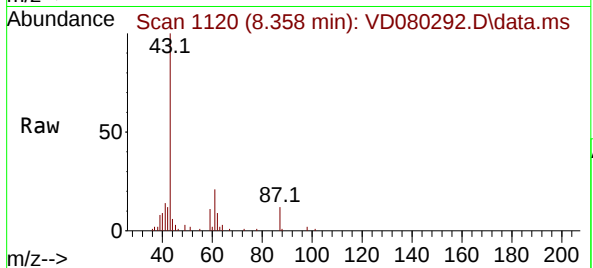




#43
Isopropyl Acetate
Concen: 20.329 ug/l
RT: 8.358 min Scan# 1121
Delta R.T. -0.006 min
Lab File: VD080292.D
Acq: 06 May 2025 14:23

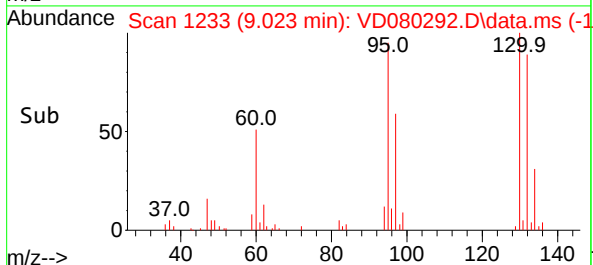
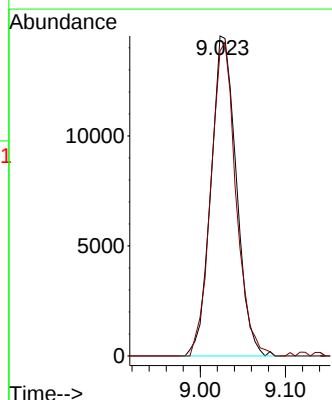
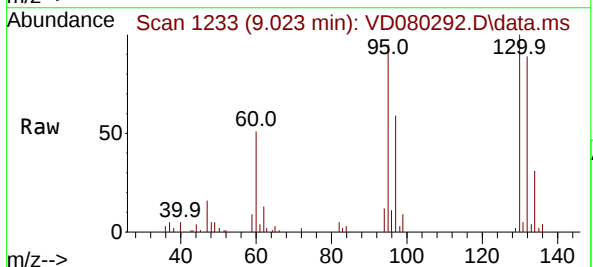
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

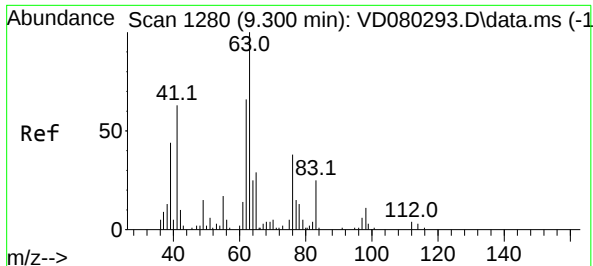
Tgt Ion: 43 Resp: 38348
Ion Ratio Lower Upper
43 100
61 19.6 16.7 25.1
87 12.1 10.4 15.6



#44
Trichloroethene
Concen: 20.753 ug/l
RT: 9.023 min Scan# 1233
Delta R.T. -0.006 min
Lab File: VD080292.D
Acq: 06 May 2025 14:23

Tgt Ion:130 Resp: 30029
Ion Ratio Lower Upper
130 100
95 95.3 0.0 212.2





#45

1,2-Dichloropropane

Concen: 20.651 ug/l

RT: 9.305 min Scan# 1280

Delta R.T. 0.006 min

Lab File: VD080292.D

Acq: 06 May 2025 14:23

Instrument :

MSVOA_D

ClientSampleId :

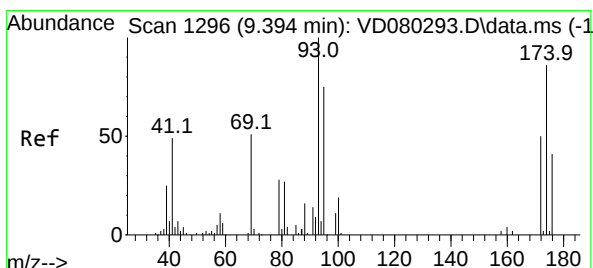
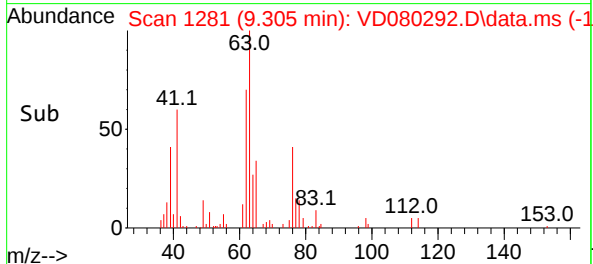
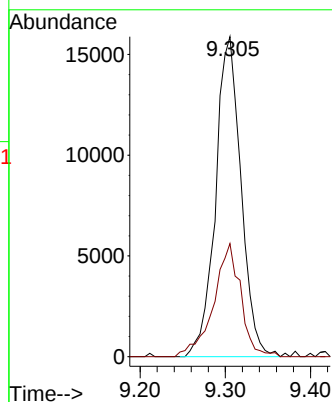
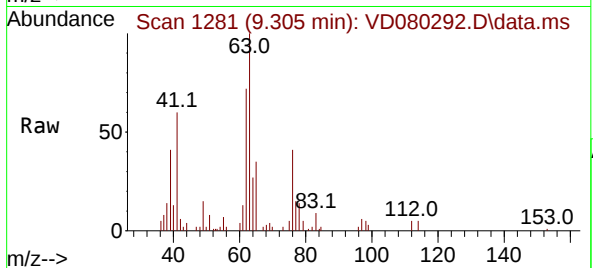
VSTDIC020

Tgt Ion: 63 Resp: 33014

Ion Ratio Lower Upper

63 100

65 35.4 22.9 34.3#



#46

Dibromomethane

Concen: 21.348 ug/l

RT: 9.394 min Scan# 1296

Delta R.T. -0.000 min

Lab File: VD080292.D

Acq: 06 May 2025 14:23

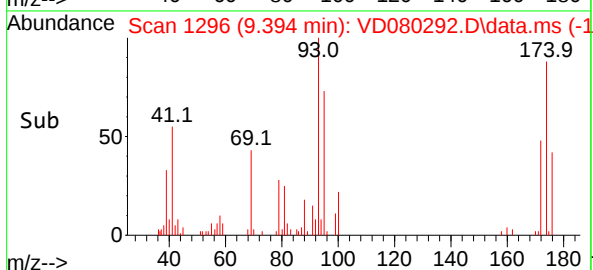
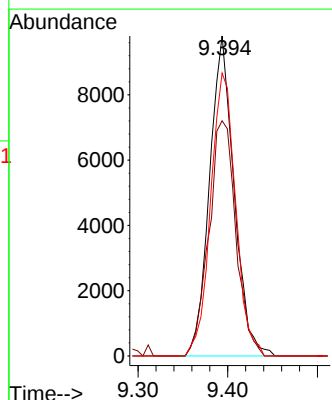
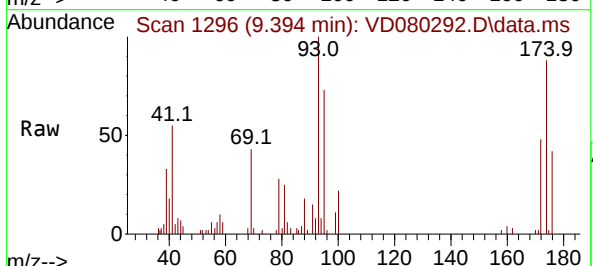
Tgt Ion: 93 Resp: 18581

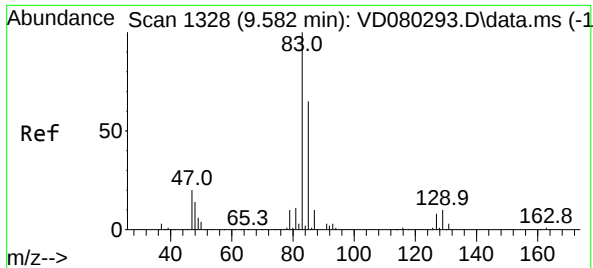
Ion Ratio Lower Upper

93 100

95 81.0 67.3 100.9

174 89.8 75.5 113.3





#47

Bromodichloromethane

Concen: 20.252 ug/l

RT: 9.588 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD080292.D

Acq: 06 May 2025 14:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

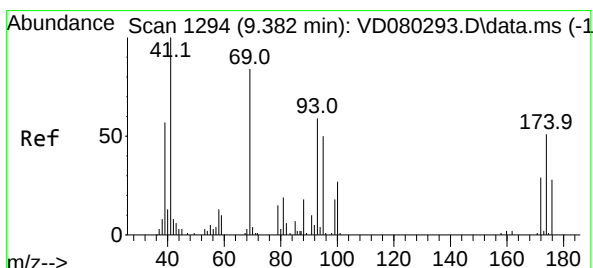
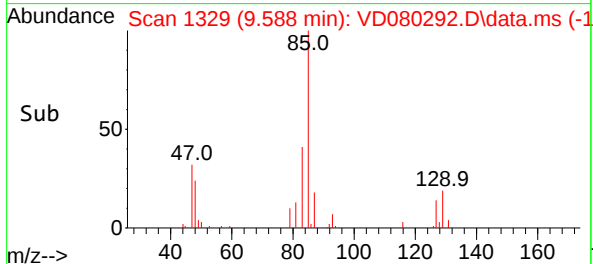
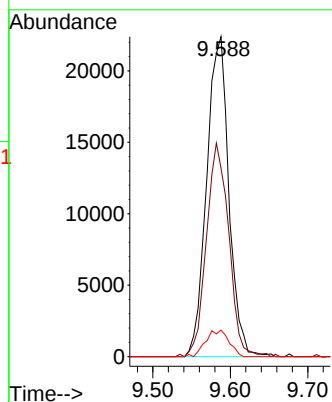
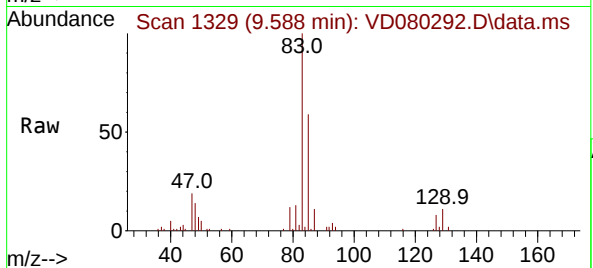
Tgt Ion: 83 Resp: 44741

Ion Ratio Lower Upper

83 100

85 59.0 51.7 77.5

127 8.3 6.6 9.8



#48

Methyl methacrylate

Concen: 18.705 ug/l

RT: 9.382 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VD080292.D

Acq: 06 May 2025 14:23

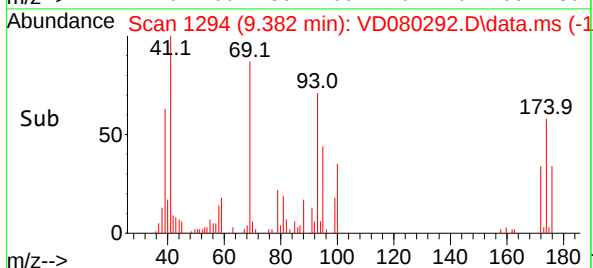
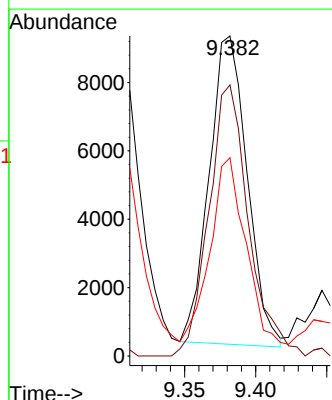
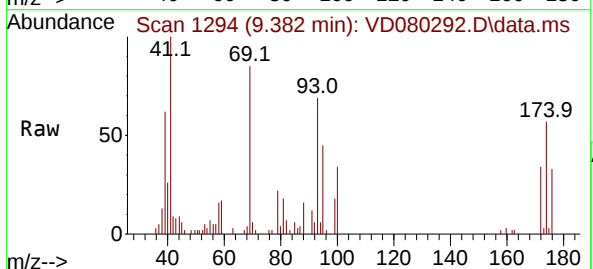
Tgt Ion: 41 Resp: 16765

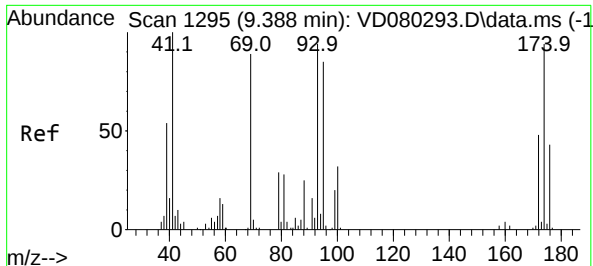
Ion Ratio Lower Upper

41 100

69 92.1 67.8 101.8

39 57.3 47.5 71.3





#49

1,4-Dioxane

Concen: 423.258 ug/l

RT: 9.388 min Scan# 1295

Delta R.T. -0.000 min

Lab File: VD080292.D

Acq: 06 May 2025 14:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

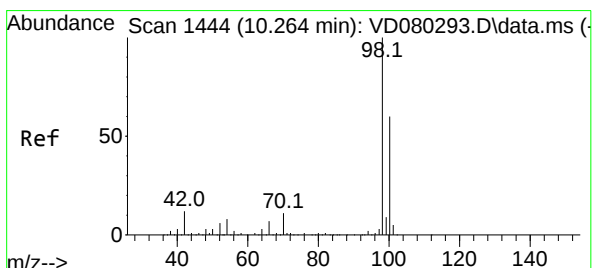
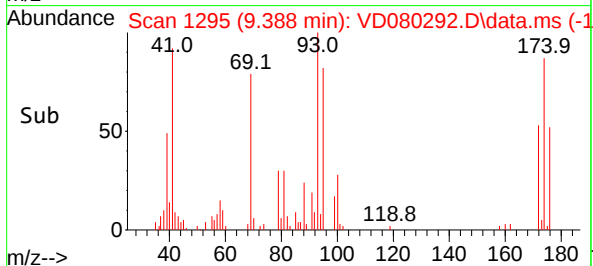
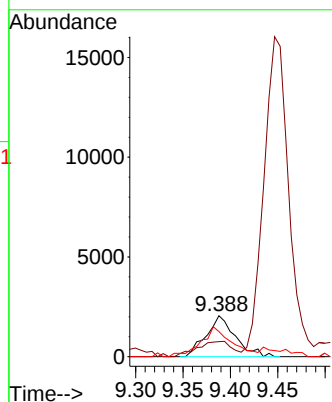
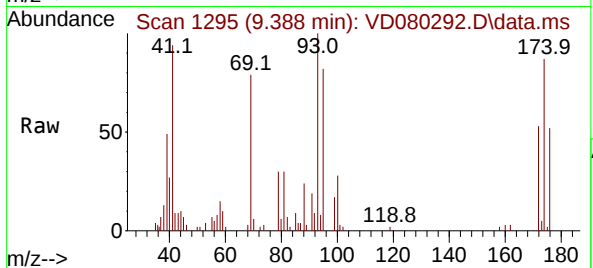
Tgt Ion: 88 Resp: 4380

Ion Ratio Lower Upper

88 100

43 45.1 31.4 47.2

58 76.5 61.8 92.6



#50

Toluene-d8

Concen: 19.679 ug/l

RT: 10.264 min Scan# 1444

Delta R.T. -0.000 min

Lab File: VD080292.D

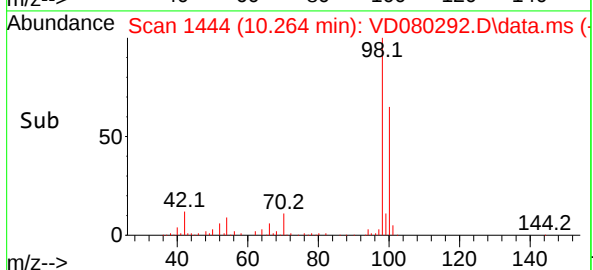
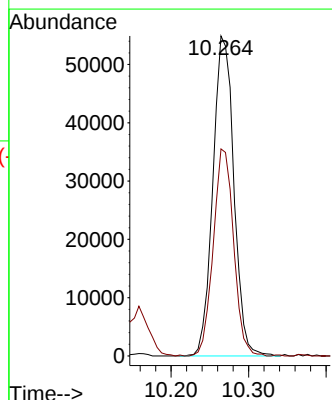
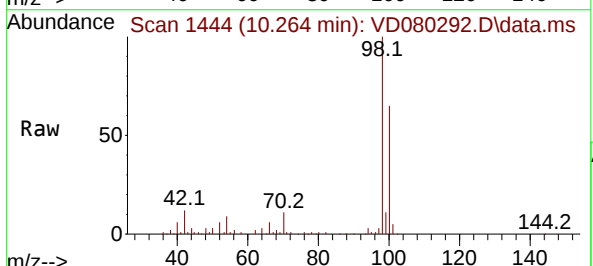
Acq: 06 May 2025 14:23

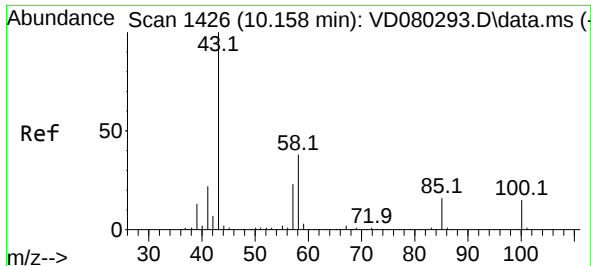
Tgt Ion: 98 Resp: 103213

Ion Ratio Lower Upper

98 100

100 62.9 50.0 75.0

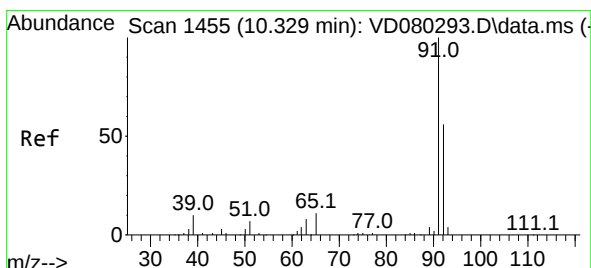
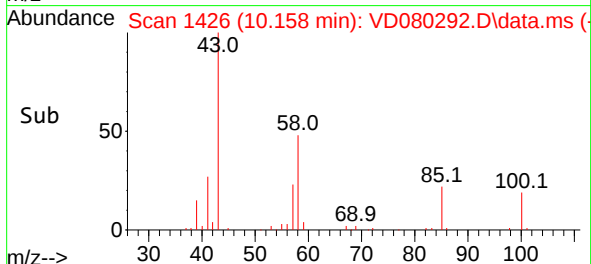
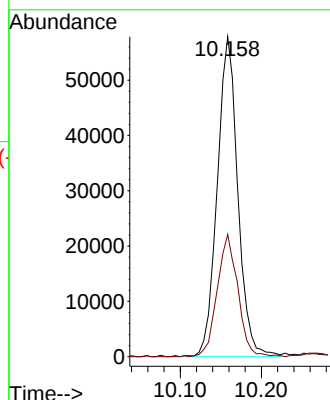
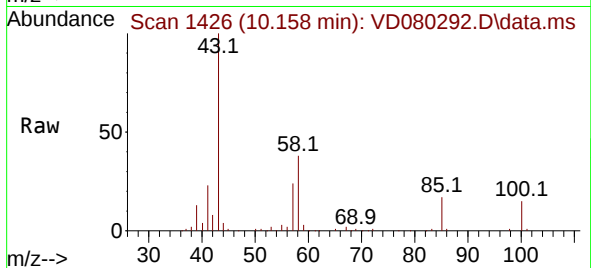




#51
4-Methyl-2-Pentanone
Concen: 105.020 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VD080292.D
Acq: 06 May 2025 14:23

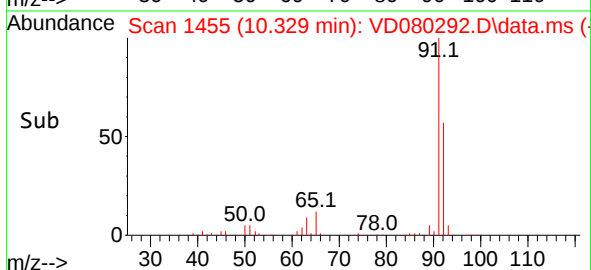
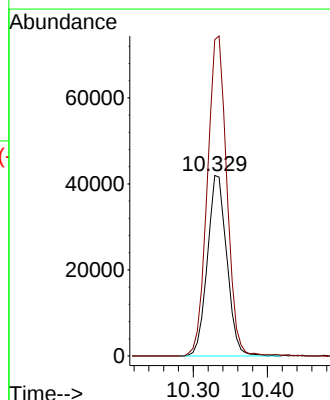
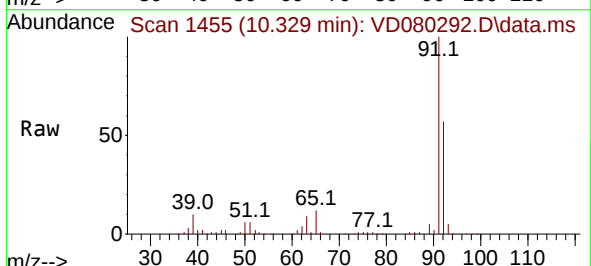
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

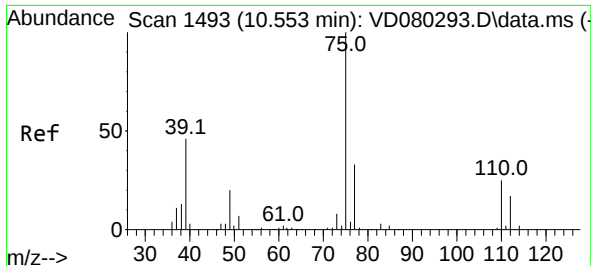
Tgt Ion: 43 Resp: 102075
Ion Ratio Lower Upper
43 100
58 38.4 30.6 46.0



#52
Toluene
Concen: 20.339 ug/l
RT: 10.329 min Scan# 1455
Delta R.T. -0.000 min
Lab File: VD080292.D
Acq: 06 May 2025 14:23

Tgt Ion: 92 Resp: 76380
Ion Ratio Lower Upper
92 100
91 177.7 143.4 215.2

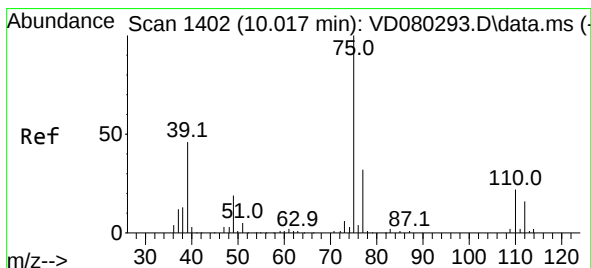
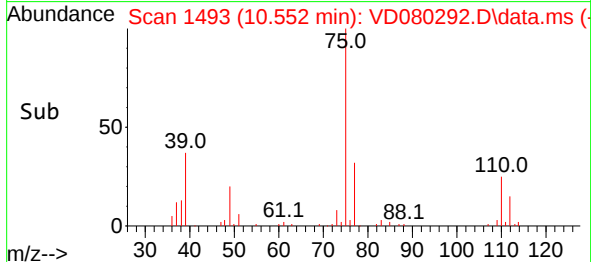
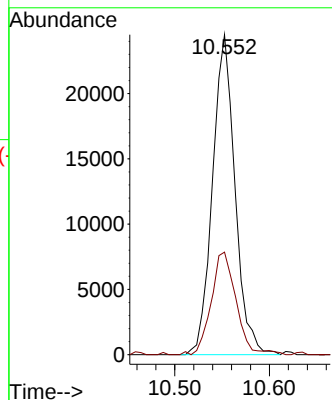
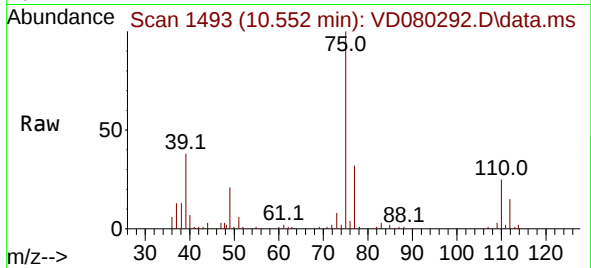




#53
t-1,3-Dichloropropene
Concen: 20.076 ug/l
RT: 10.552 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VD080292.D
Acq: 06 May 2025 14:23

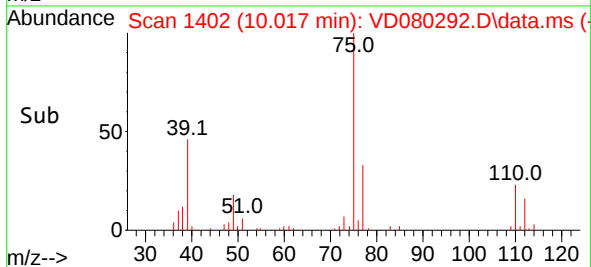
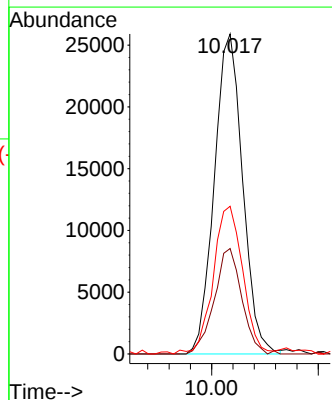
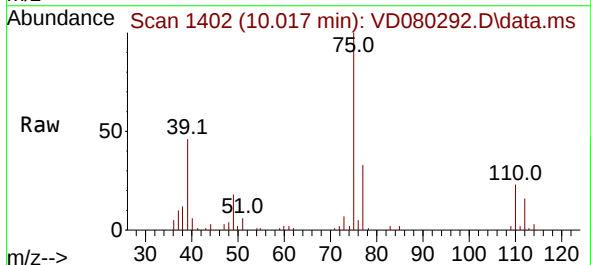
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

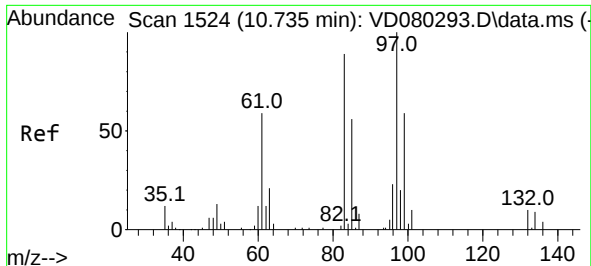
Tgt Ion: 75 Resp: 40433
Ion Ratio Lower Upper
75 100
77 32.1 26.0 39.0



#54
cis-1,3-Dichloropropene
Concen: 20.475 ug/l
RT: 10.017 min Scan# 1402
Delta R.T. -0.000 min
Lab File: VD080292.D
Acq: 06 May 2025 14:23

Tgt Ion: 75 Resp: 47786
Ion Ratio Lower Upper
75 100
77 32.9 25.8 38.6
39 45.0 37.0 55.6

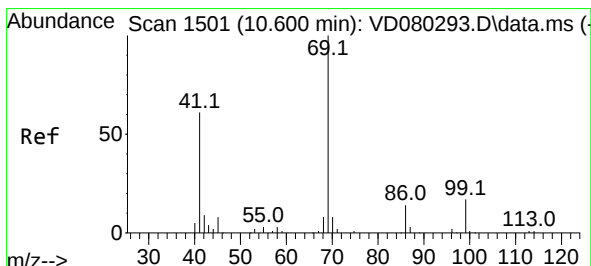
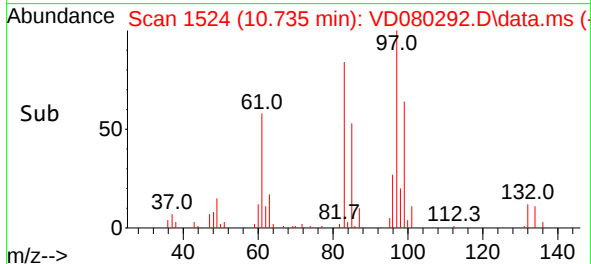
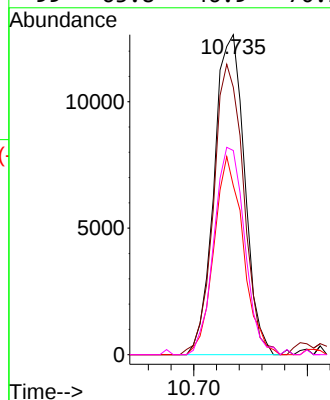
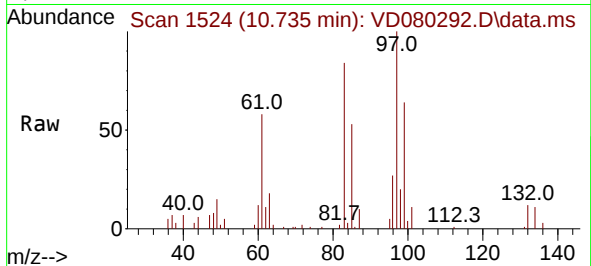




#55
1,1,2-Trichloroethane
Concen: 20.446 ug/l
RT: 10.735 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD080292.D
Acq: 06 May 2025 14:23

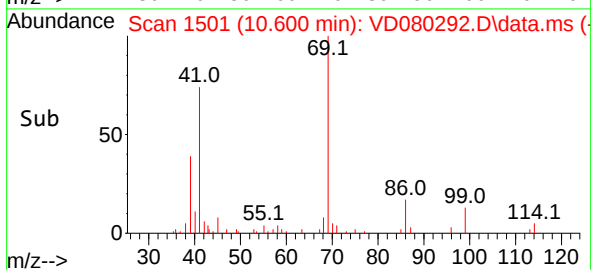
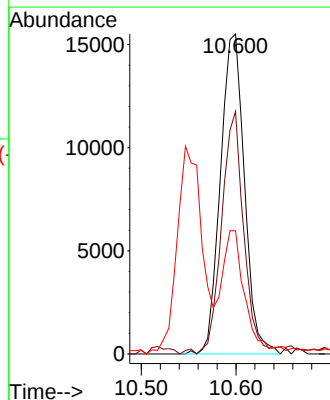
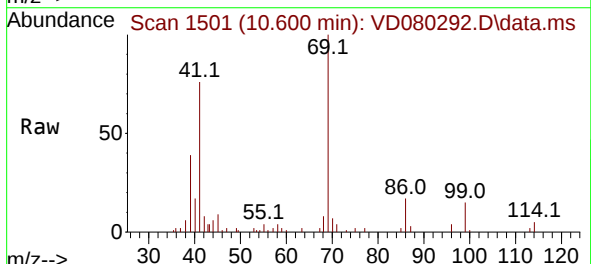
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

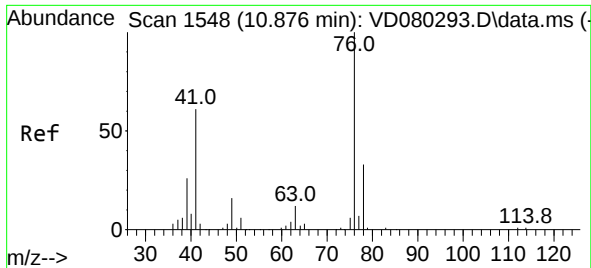
Tgt Ion:	97	Resp:	23540
Ion	Ratio	Lower	Upper
97	100		
83	83.5	71.0	106.4
85	52.8	44.9	67.3
99	63.8	46.9	70.3



#56
Ethyl methacrylate
Concen: 19.610 ug/l
RT: 10.600 min Scan# 1501
Delta R.T. -0.000 min
Lab File: VD080292.D
Acq: 06 May 2025 14:23

Tgt Ion:	69	Resp:	27358
Ion	Ratio	Lower	Upper
69	100		
41	70.0	53.2	79.8
39	35.0	28.2	42.2





#57

1,3-Dichloropropane

Concen: 20.761 ug/l

RT: 10.882 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD080292.D

Acq: 06 May 2025 14:23

Instrument :

MSVOA_D

ClientSampleId :

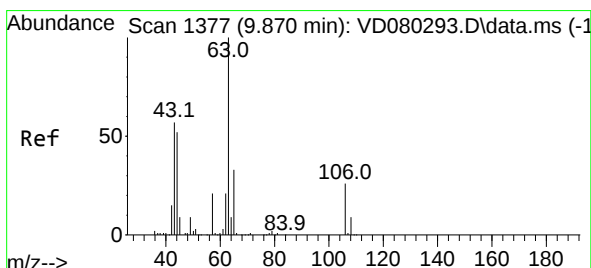
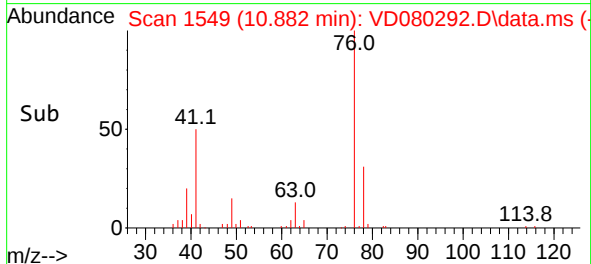
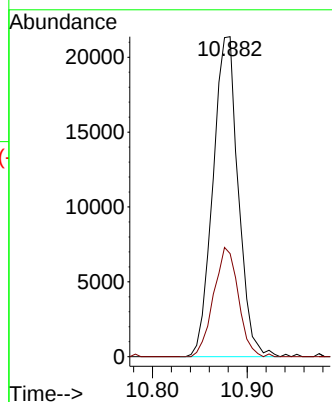
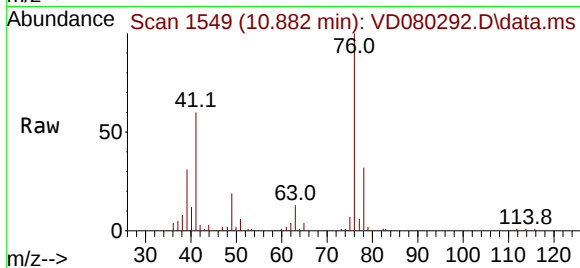
VSTDIC020

Tgt Ion: 76 Resp: 39725

Ion Ratio Lower Upper

76 100

78 33.4 27.2 40.8



#58

2-Chloroethyl Vinyl ether

Concen: 95.966 ug/l

RT: 9.870 min Scan# 1377

Delta R.T. -0.000 min

Lab File: VD080292.D

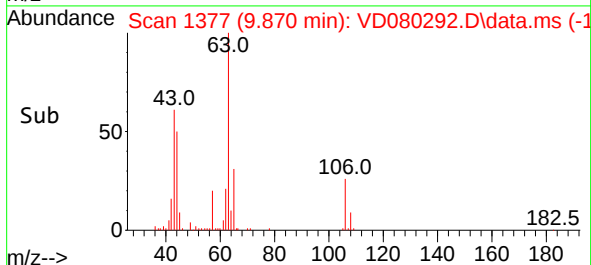
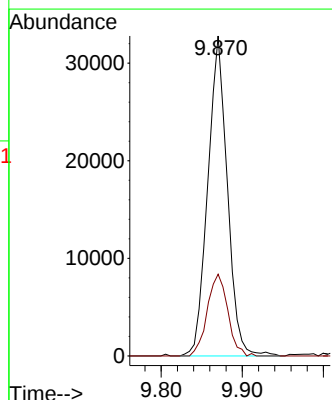
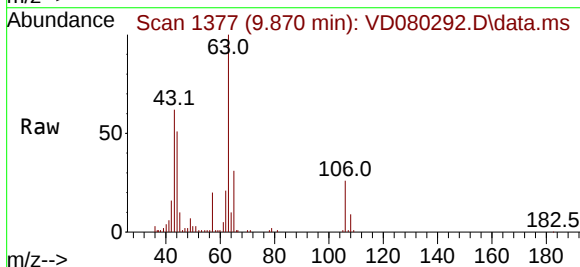
Acq: 06 May 2025 14:23

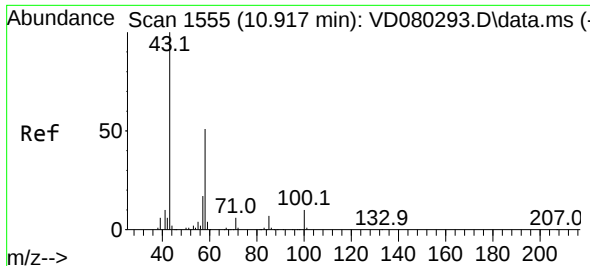
Tgt Ion: 63 Resp: 54791

Ion Ratio Lower Upper

63 100

106 26.8 20.8 31.2

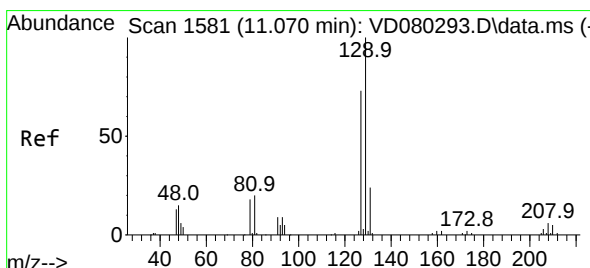
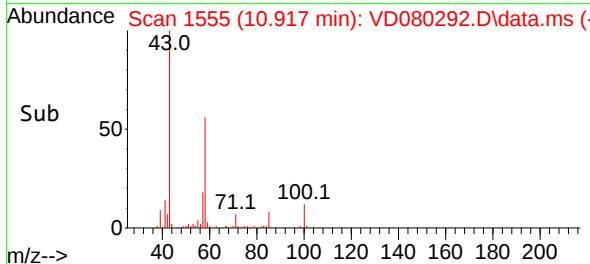
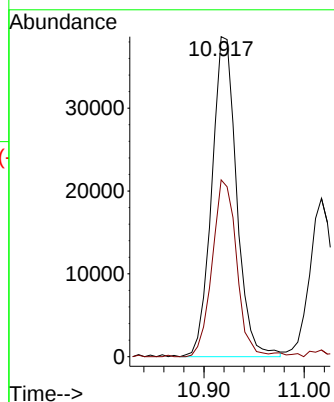
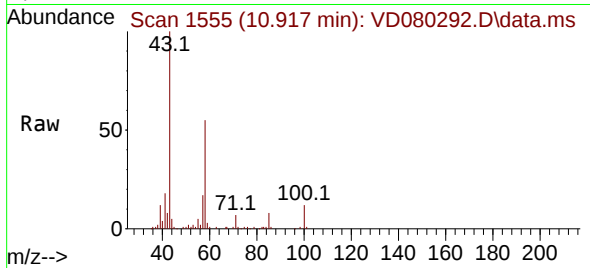




#59
2-Hexanone
Concen: 99.577 ug/l
RT: 10.917 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD080292.D
Acq: 06 May 2025 14:23

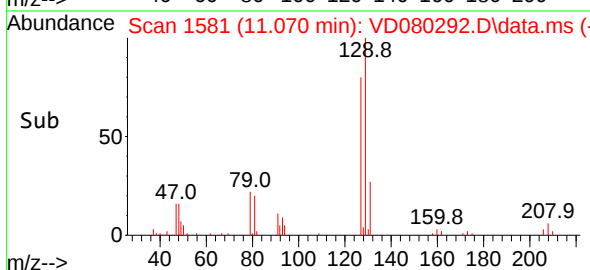
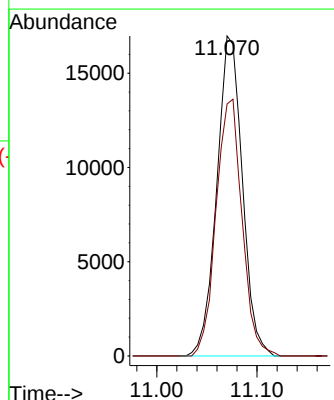
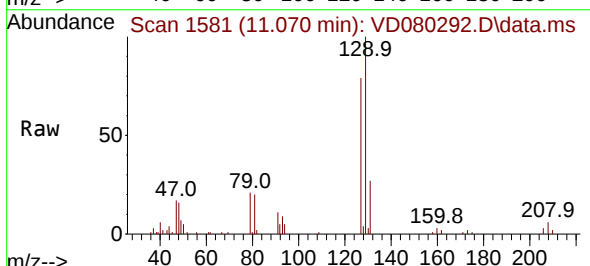
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

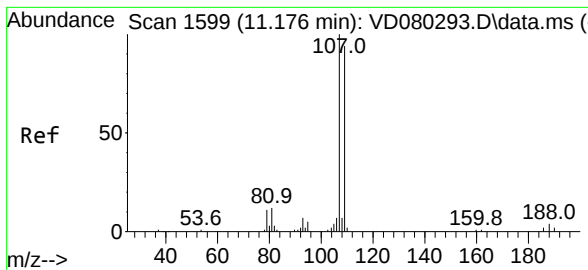
Tgt Ion: 43 Resp: 66578
Ion Ratio Lower Upper
43 100
58 53.9 26.3 78.9



#60
Dibromochloromethane
Concen: 20.848 ug/l
RT: 11.070 min Scan# 1581
Delta R.T. -0.000 min
Lab File: VD080292.D
Acq: 06 May 2025 14:23

Tgt Ion: 129 Resp: 30081
Ion Ratio Lower Upper
129 100
127 81.3 37.6 112.8

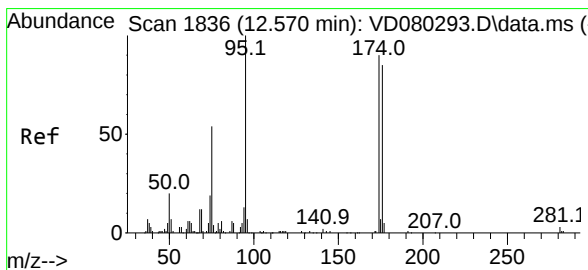
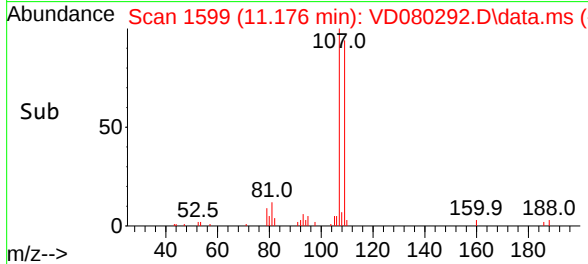
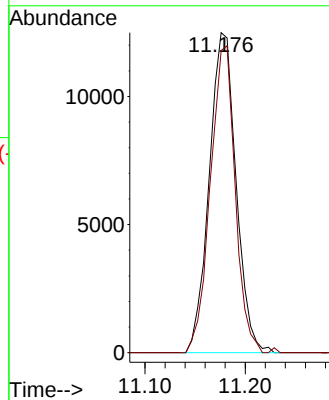
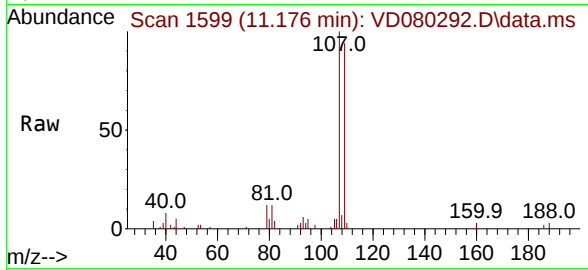




#61
1,2-Dibromoethane
Concen: 21.801 ug/l
RT: 11.176 min Scan# 111
Delta R.T. -0.000 min
Lab File: VD080292.D
Acq: 06 May 2025 14:23

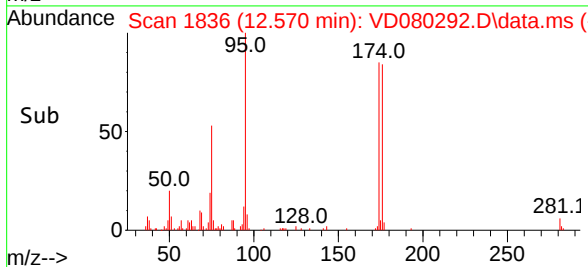
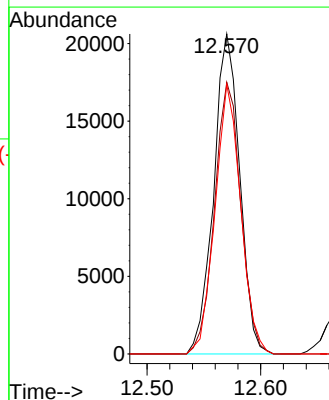
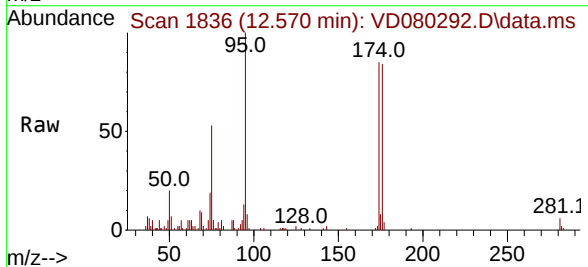
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

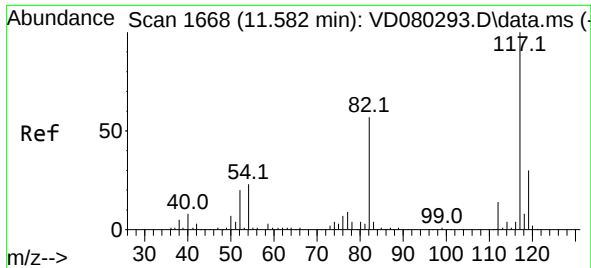
Tgt Ion:107 Resp: 23275
Ion Ratio Lower Upper
107 100
109 88.6 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 19.519 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD080292.D
Acq: 06 May 2025 14:23

Tgt Ion: 95 Resp: 32858
Ion Ratio Lower Upper
95 100
174 85.8 0.0 170.0
176 83.0 0.0 167.8

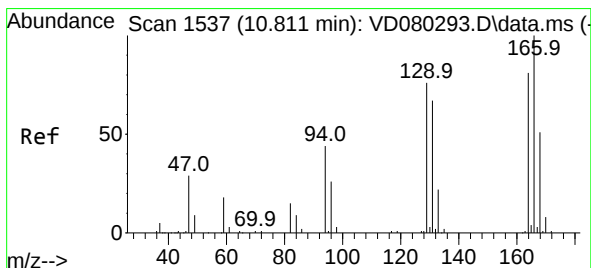
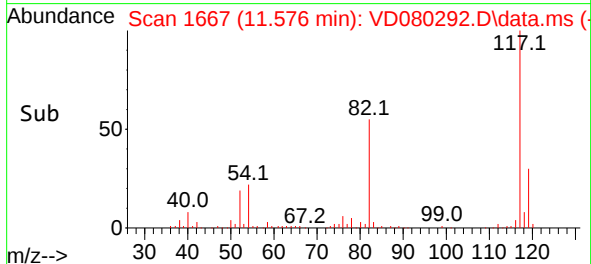
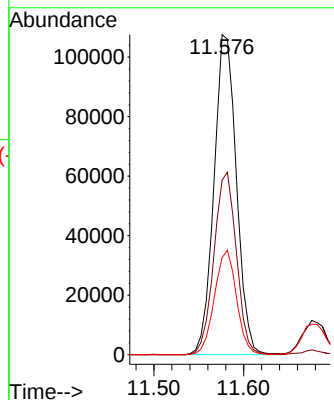
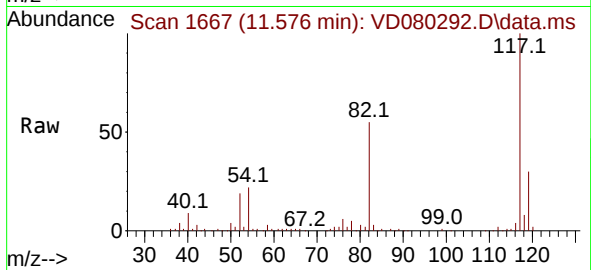




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.576 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD080292.D
Acq: 06 May 2025 14:23

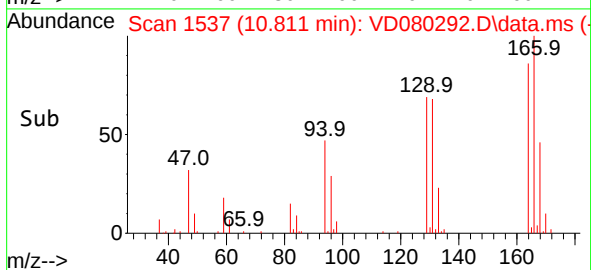
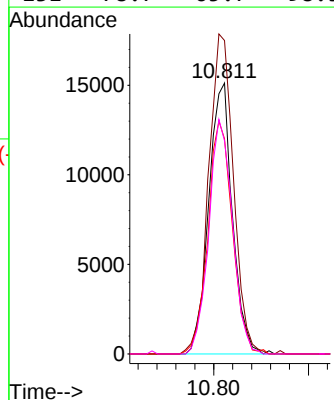
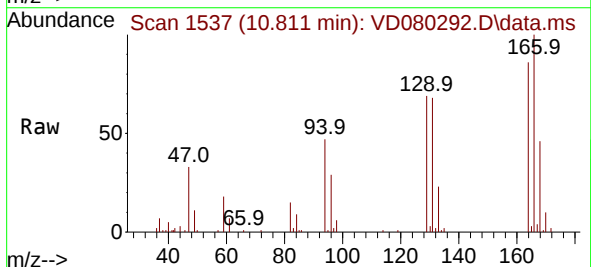
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

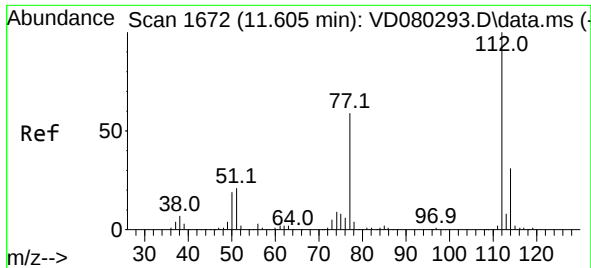
Tgt Ion:117 Resp: 187152
Ion Ratio Lower Upper
117 100
82 54.5 45.5 68.3
119 30.4 24.0 36.0



#64
Tetrachloroethene
Concen: 20.776 ug/l
RT: 10.811 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VD080292.D
Acq: 06 May 2025 14:23

Tgt Ion:164 Resp: 26331
Ion Ratio Lower Upper
164 100
166 115.7 98.2 147.2
129 79.5 74.6 111.8
131 78.7 65.7 98.5

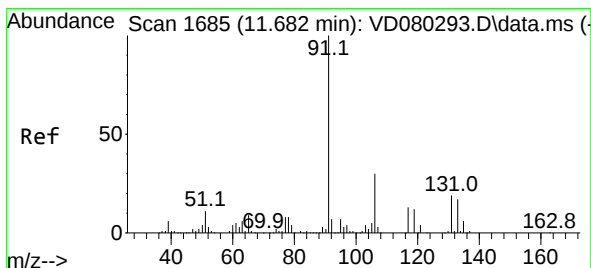
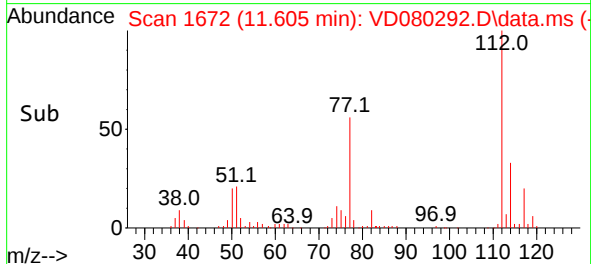
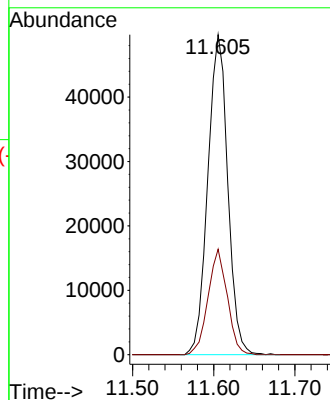
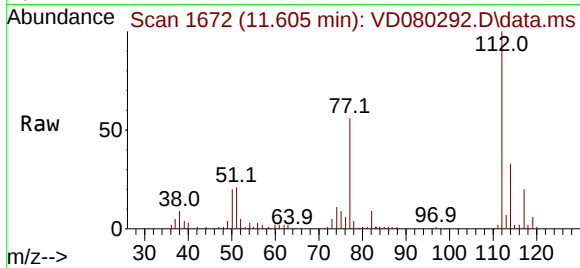




#65
Chlorobenzene
Concen: 20.018 ug/l
RT: 11.605 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD080292.D
Acq: 06 May 2025 14:23

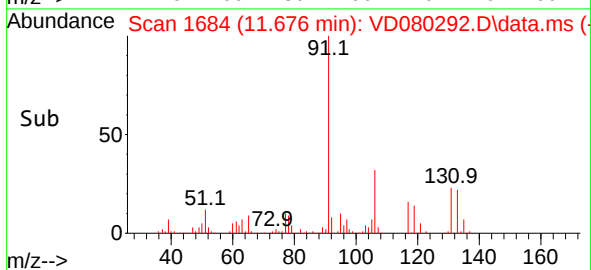
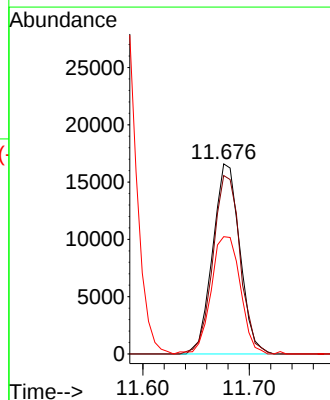
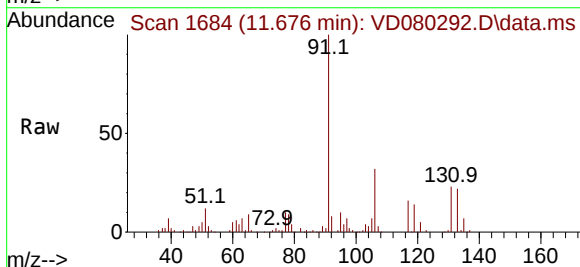
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

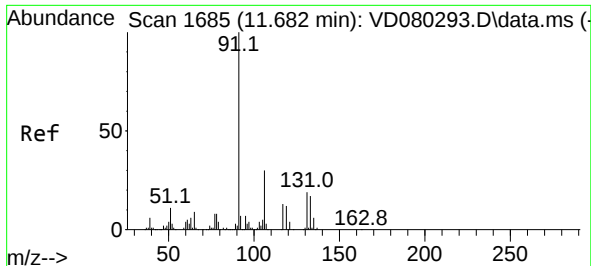
Tgt Ion:112 Resp: 84594
Ion Ratio Lower Upper
112 100
114 33.0 24.4 36.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.174 ug/l
RT: 11.676 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VD080292.D
Acq: 06 May 2025 14:23

Tgt Ion:131 Resp: 29290
Ion Ratio Lower Upper
131 100
133 94.3 46.8 140.3
119 66.5 33.1 99.2





#67

Ethyl Benzene

Concen: 19.754 ug/l

RT: 11.682 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD080292.D

Acq: 06 May 2025 14:23

Instrument :

MSVOA_D

ClientSampleId :

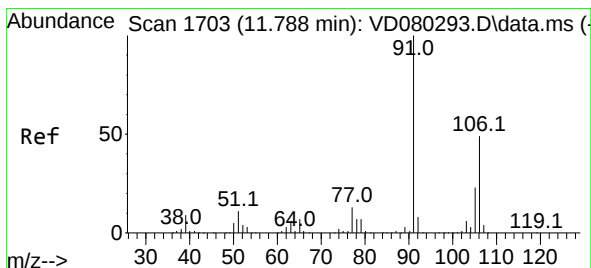
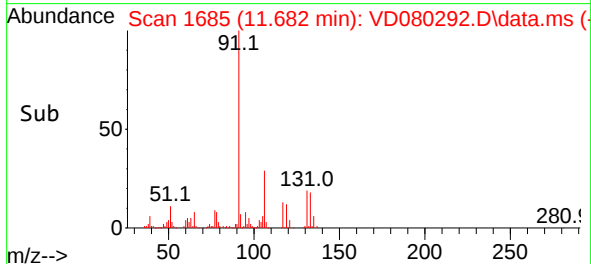
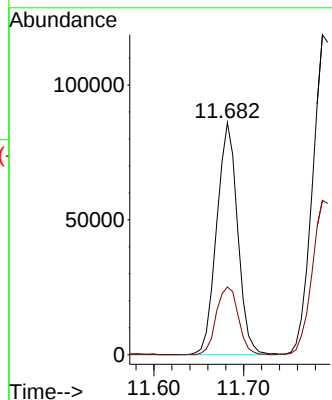
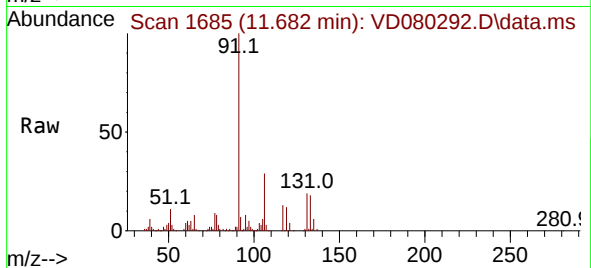
VSTDIC020

Tgt Ion: 91 Resp: 139501

Ion Ratio Lower Upper

91 100

106 29.1 23.9 35.9



#68

m/p-Xylenes

Concen: 40.363 ug/l

RT: 11.788 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VD080292.D

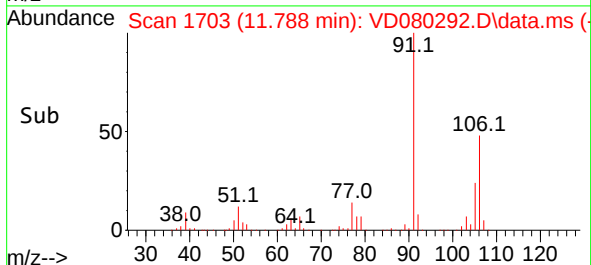
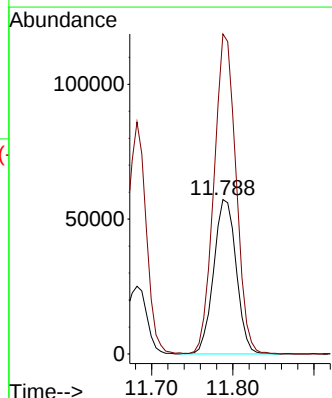
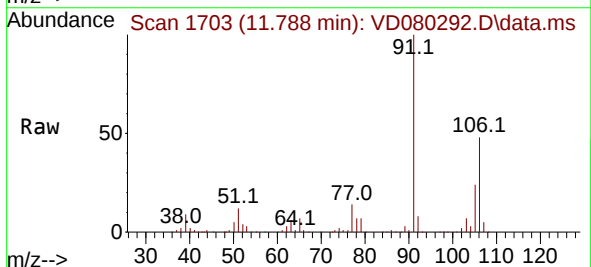
Acq: 06 May 2025 14:23

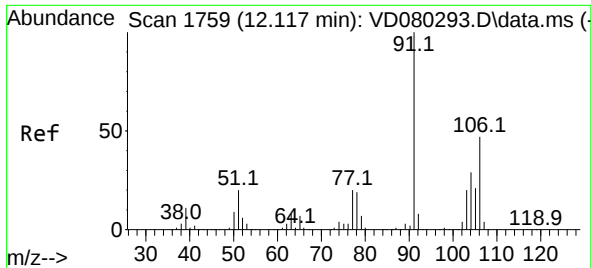
Tgt Ion: 106 Resp: 110674

Ion Ratio Lower Upper

106 100

91 202.5 164.1 246.1

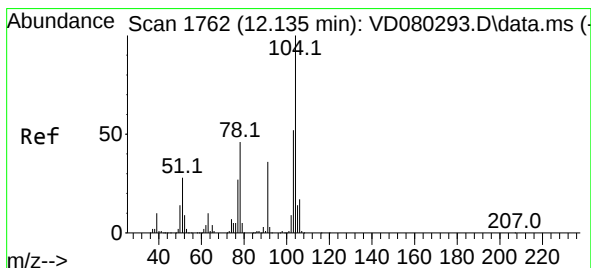
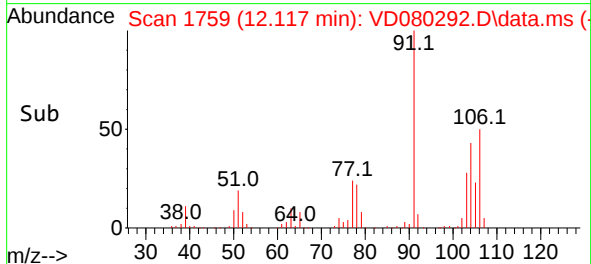
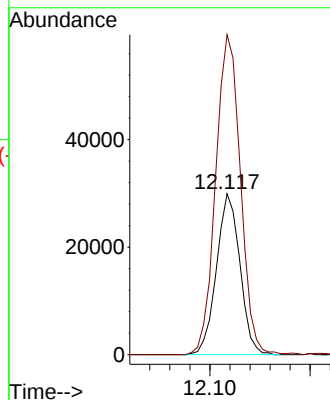
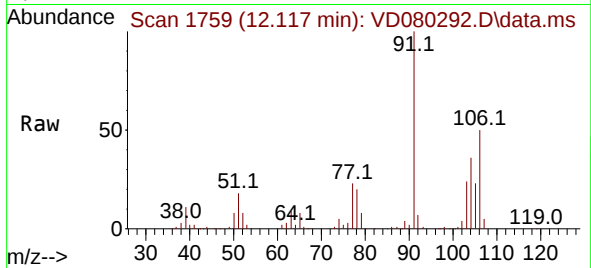




#69
o-Xylene
Concen: 19.383 ug/l
RT: 12.117 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VD080292.D
Acq: 06 May 2025 14:23

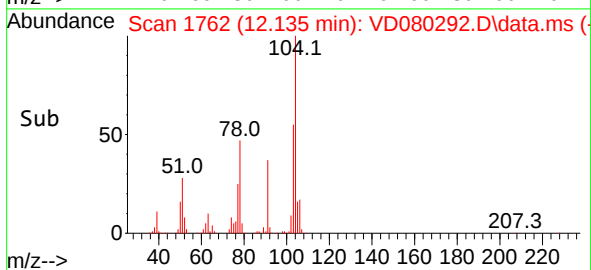
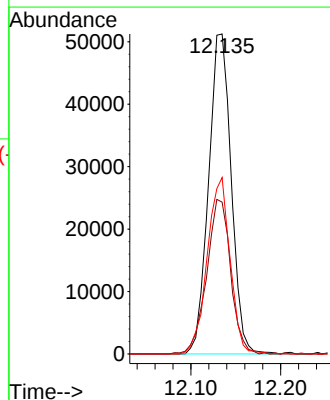
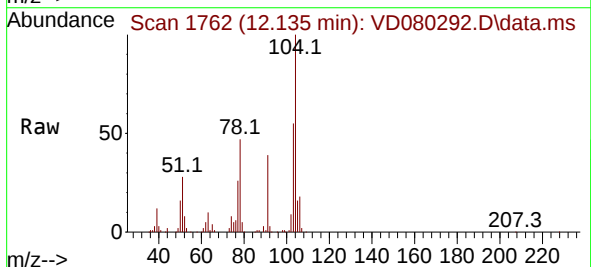
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

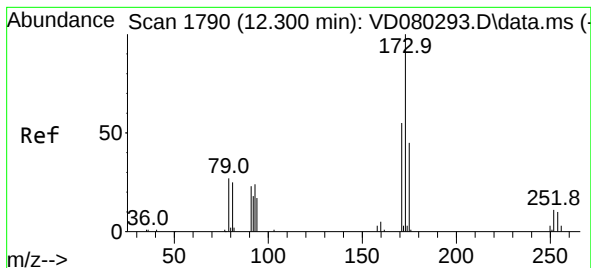
Tgt Ion:106 Resp: 48565
Ion Ratio Lower Upper
106 100
91 210.5 109.3 328.1



#70
Styrene
Concen: 19.965 ug/l
RT: 12.135 min Scan# 1762
Delta R.T. -0.000 min
Lab File: VD080292.D
Acq: 06 May 2025 14:23

Tgt Ion:104 Resp: 89828
Ion Ratio Lower Upper
104 100
78 51.1 39.8 59.6
103 55.6 44.2 66.4





#71

Bromoform

Concen: 20.394 ug/l

RT: 12.294 min Scan# 1790

Delta R.T. -0.006 min

Lab File: VD080292.D

Acq: 06 May 2025 14:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

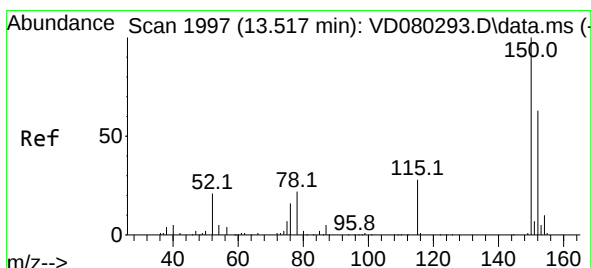
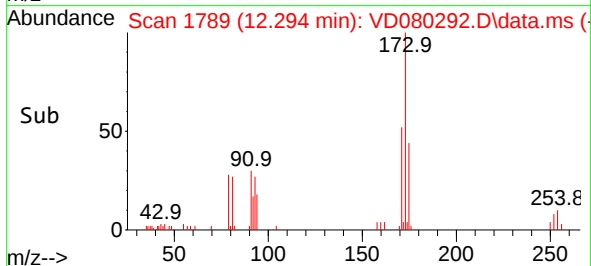
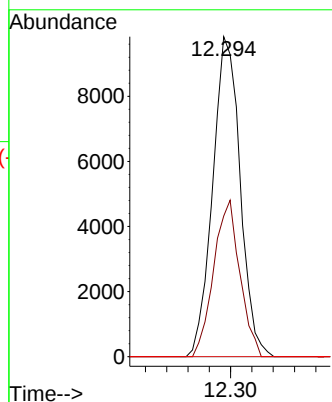
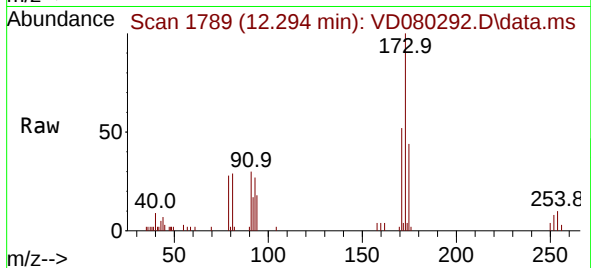
Tgt Ion:173 Resp: 17591

Ion Ratio Lower Upper

173 100

175 46.5 23.8 71.2

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. -0.000 min

Lab File: VD080292.D

Acq: 06 May 2025 14:23

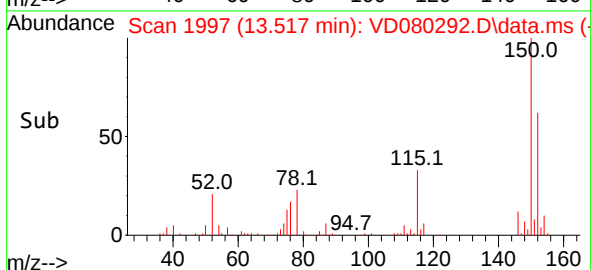
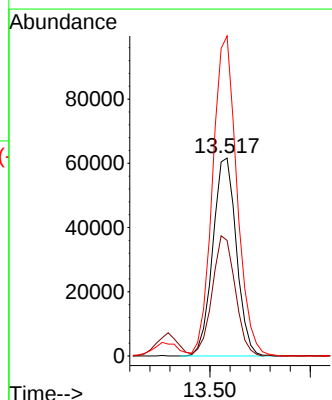
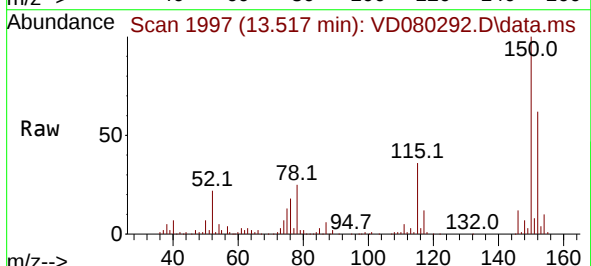
Tgt Ion:152 Resp: 100734

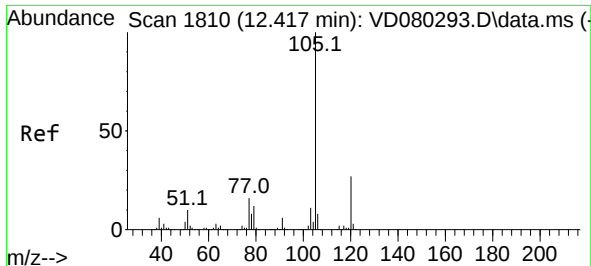
Ion Ratio Lower Upper

152 100

115 59.3 29.0 87.1

150 166.2 0.0 354.6

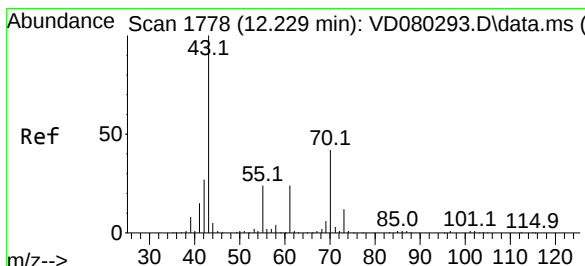
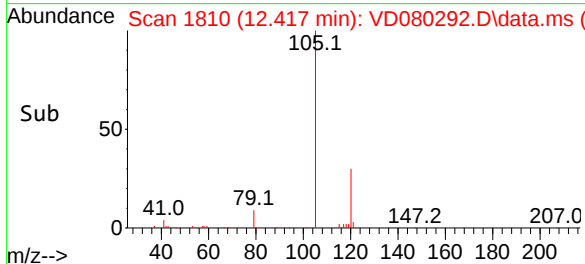
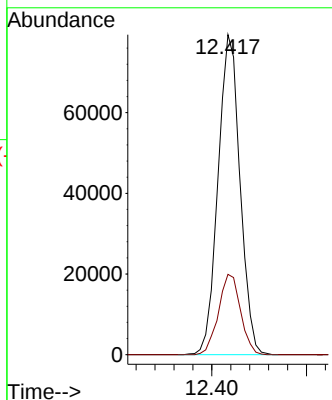
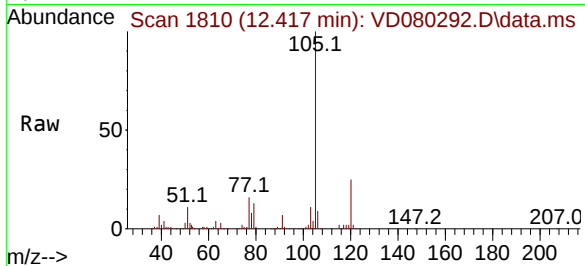




#73
Isopropylbenzene
Concen: 19.571 ug/l
RT: 12.417 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD080292.D
Acq: 06 May 2025 14:23

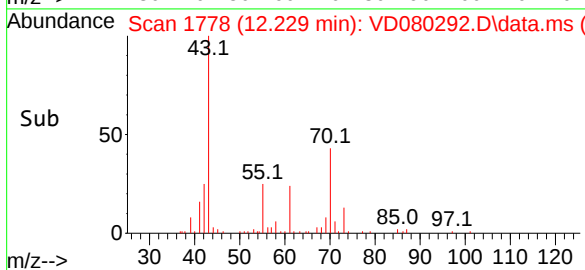
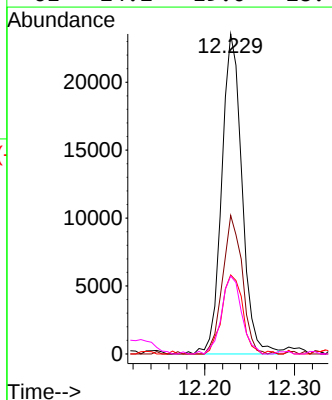
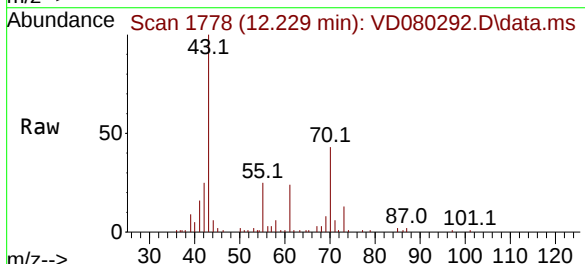
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

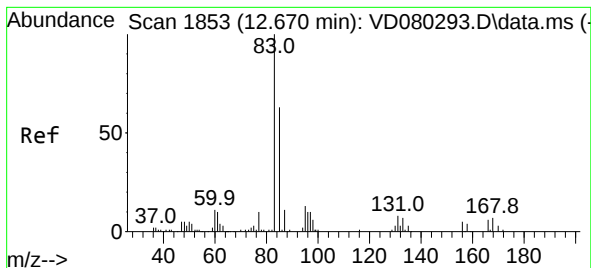
Tgt Ion:105 Resp: 127888
Ion Ratio Lower Upper
105 100
120 25.2 13.1 39.1



#74
N-ethyl acetate
Concen: 19.706 ug/l
RT: 12.229 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VD080292.D
Acq: 06 May 2025 14:23

Tgt Ion: 43 Resp: 36957
Ion Ratio Lower Upper
43 100
70 41.9 33.8 50.8
55 25.1 20.8 31.2
61 24.2 19.0 28.4

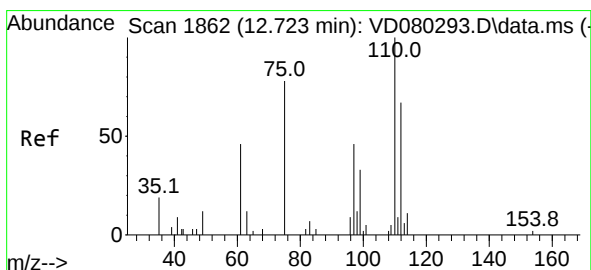
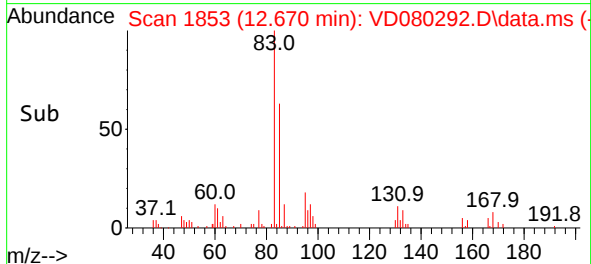
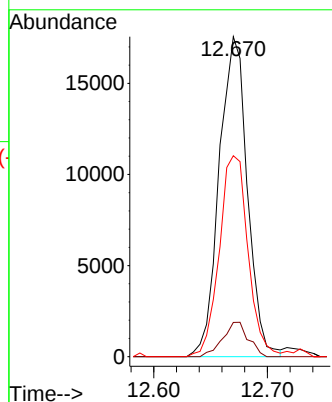
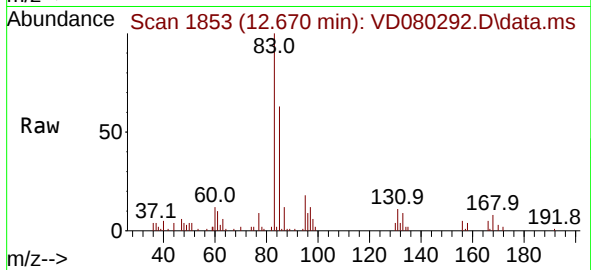




#75
1,1,2,2-Tetrachloroethane
Concen: 21.074 ug/l
RT: 12.670 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VD080292.D
Acq: 06 May 2025 14:23

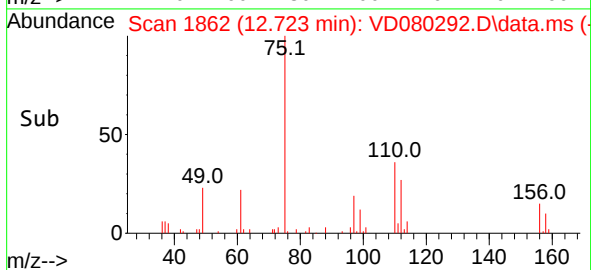
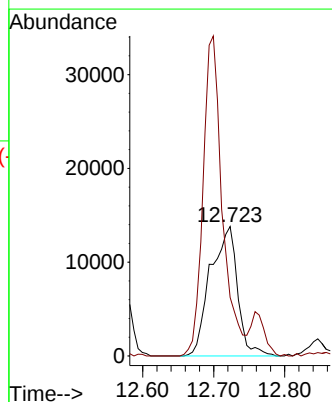
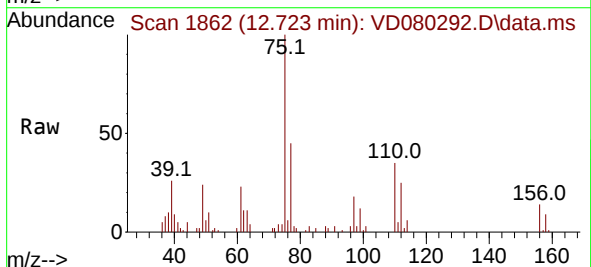
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

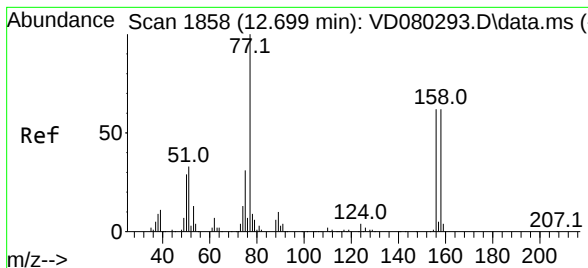
Tgt Ion: 83 Resp: 30282
Ion Ratio Lower Upper
83 100
131 9.8 5.2 15.6
85 63.9 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 34.240 ug/l
RT: 12.723 min Scan# 1862
Delta R.T. -0.000 min
Lab File: VD080292.D
Acq: 06 May 2025 14:23

Tgt Ion: 75 Resp: 36595
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.600 ug/l

RT: 12.699 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VD080292.D

Acq: 06 May 2025 14:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

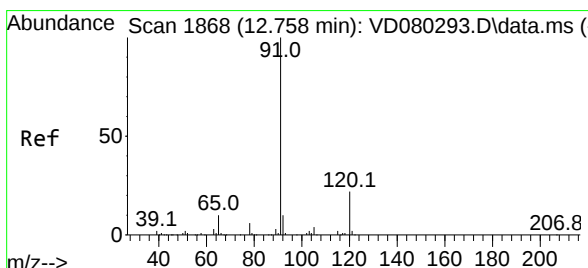
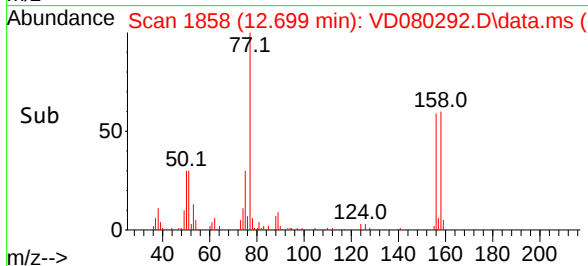
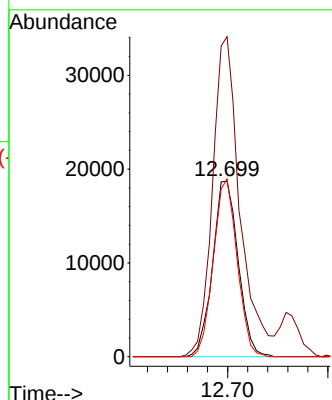
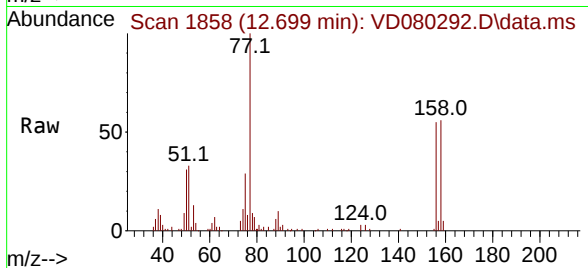
Tgt Ion:156 Resp: 33221

Ion Ratio Lower Upper

156 100

77 195.5 91.6 274.8

158 93.7 47.4 142.2



#78

n-propylbenzene

Concen: 19.681 ug/l

RT: 12.758 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD080292.D

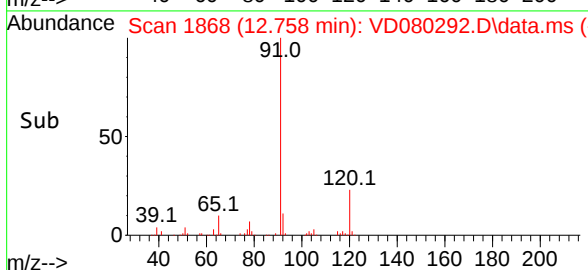
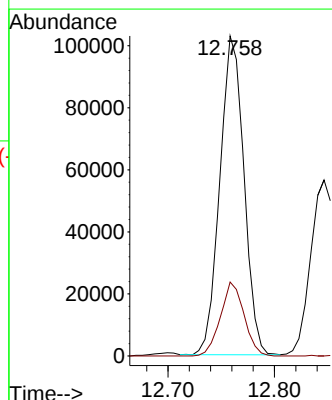
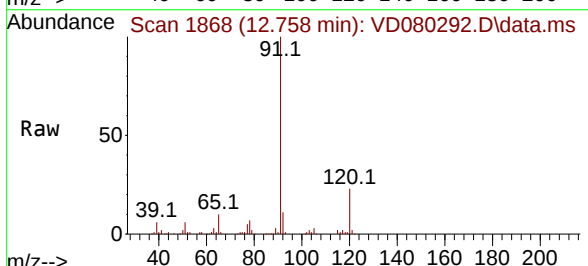
Acq: 06 May 2025 14:23

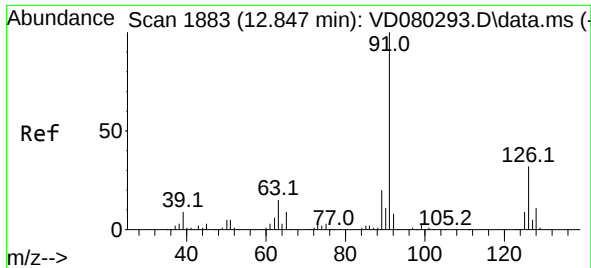
Tgt Ion: 91 Resp: 161385

Ion Ratio Lower Upper

91 100

120 22.7 11.0 33.0

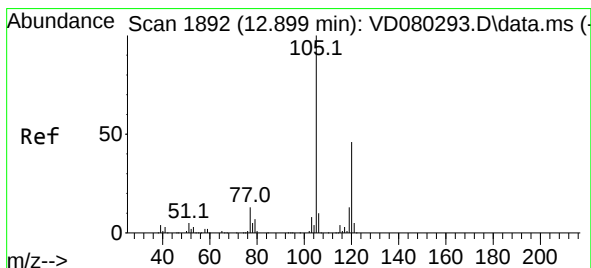
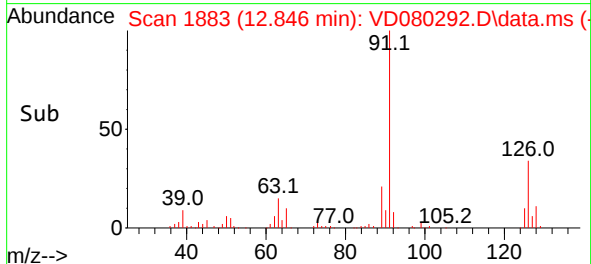
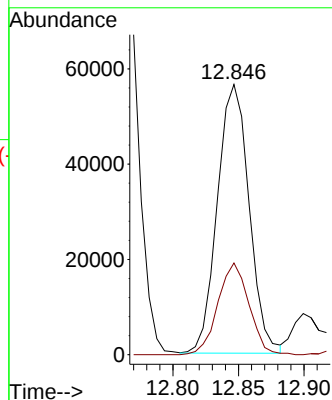
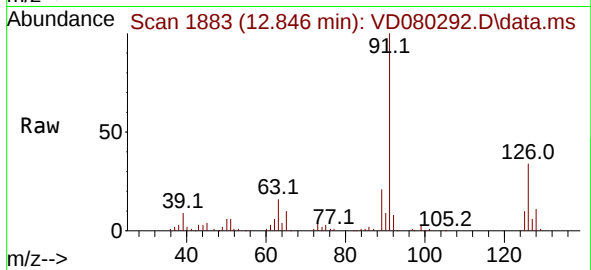




#79
2-Chlorotoluene
Concen: 19.937 ug/l
RT: 12.846 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VD080292.D
Acq: 06 May 2025 14:23

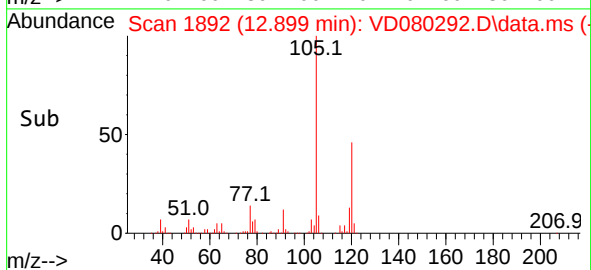
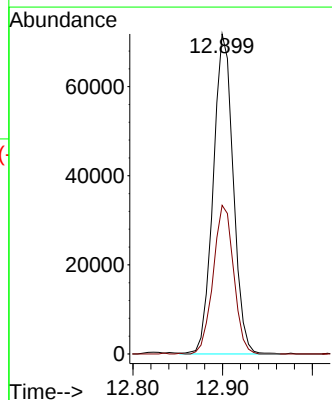
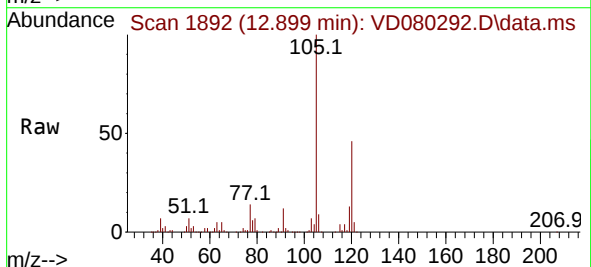
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

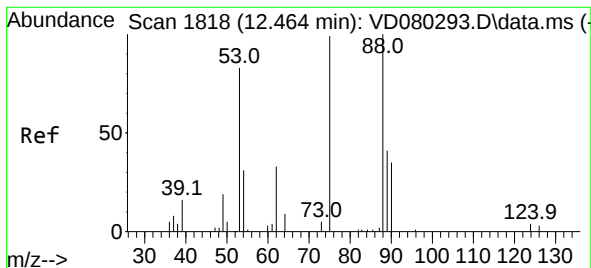
Tgt Ion: 91 Resp: 95094
Ion Ratio Lower Upper
91 100
126 33.3 16.4 49.2



#80
1,3,5-Trimethylbenzene
Concen: 19.971 ug/l
RT: 12.899 min Scan# 1892
Delta R.T. -0.000 min
Lab File: VD080292.D
Acq: 06 May 2025 14:23

Tgt Ion: 105 Resp: 111307
Ion Ratio Lower Upper
105 100
120 47.5 23.9 71.8

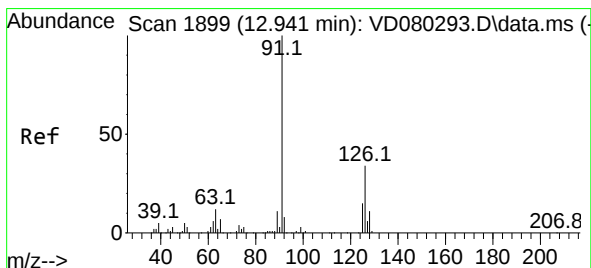
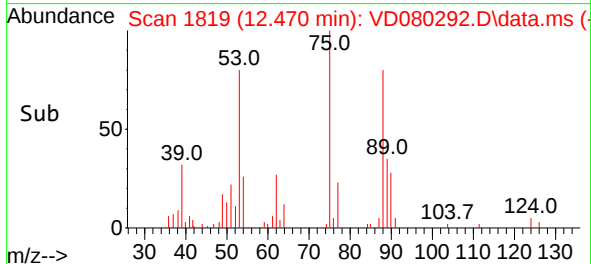
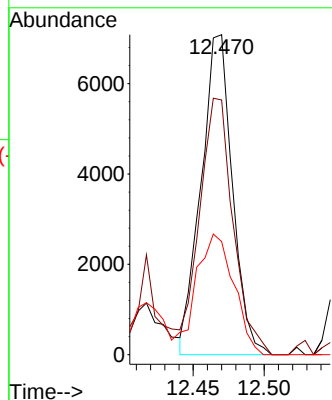
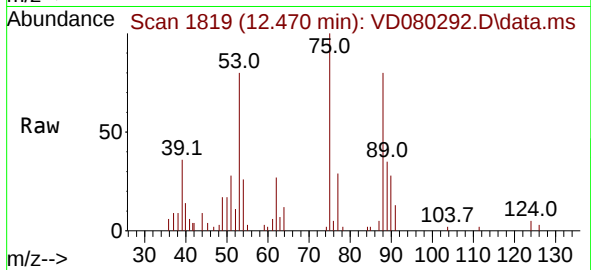




#81
trans-1,4-Dichloro-2-butene
Concen: 21.201 ug/l
RT: 12.470 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD080292.D
Acq: 06 May 2025 14:23

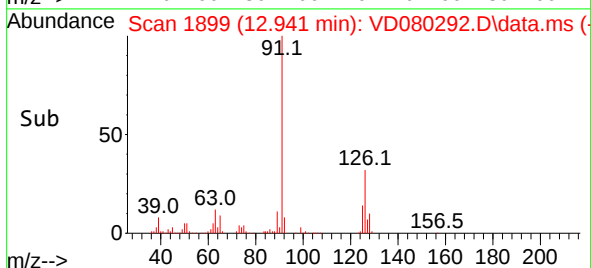
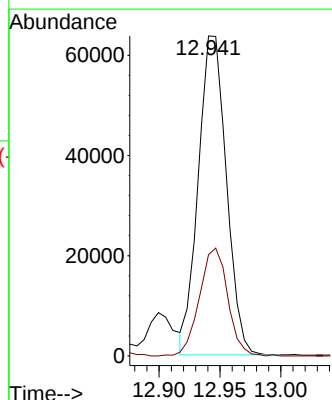
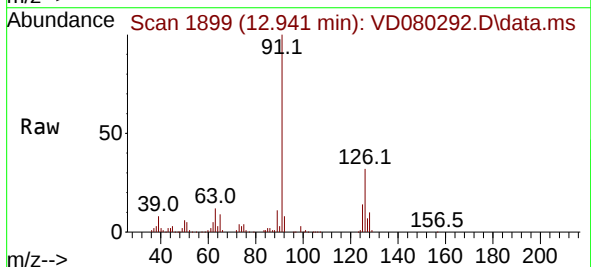
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

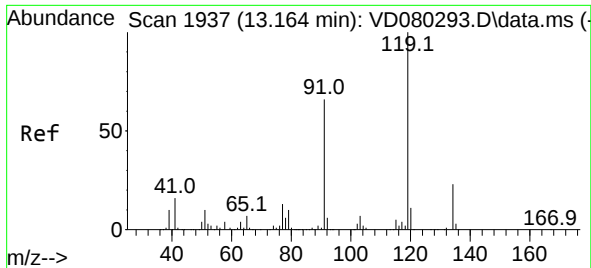
Tgt Ion: 75 Resp: 10859
Ion Ratio Lower Upper
75 100
53 85.3 70.8 106.2
89 45.6 35.9 53.9



#82
4-Chlorotoluene
Concen: 19.893 ug/l
RT: 12.941 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VD080292.D
Acq: 06 May 2025 14:23

Tgt Ion: 91 Resp: 102425
Ion Ratio Lower Upper
91 100
126 34.2 17.1 51.3

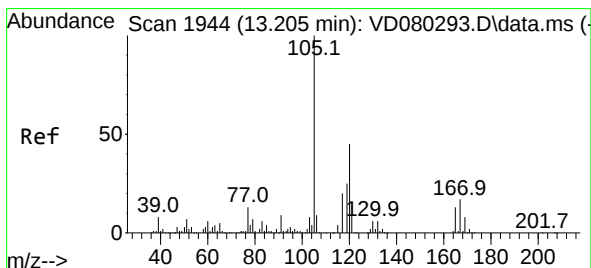
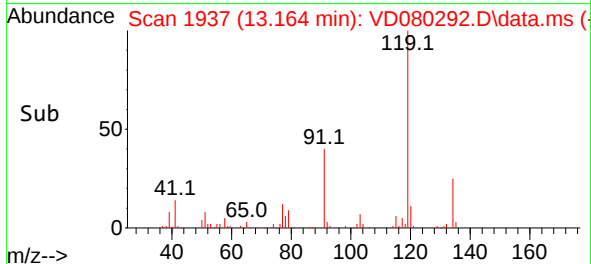
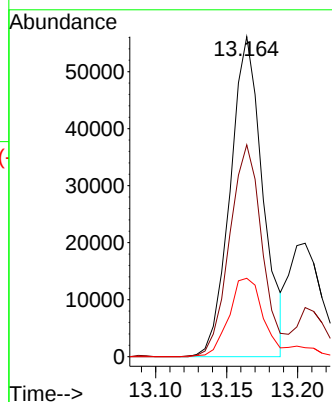
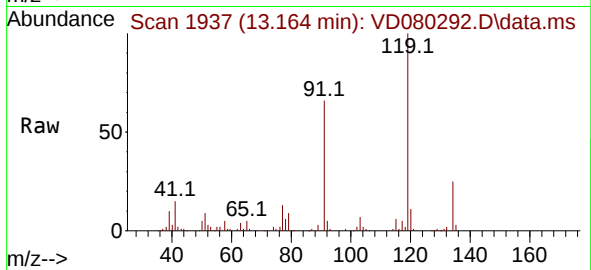




#83
tert-Butylbenzene
Concen: 19.334 ug/l
RT: 13.164 min Scan# 1937
Delta R.T. -0.000 min
Lab File: VD080292.D
Acq: 06 May 2025 14:23

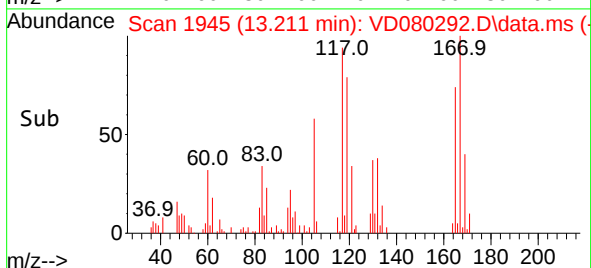
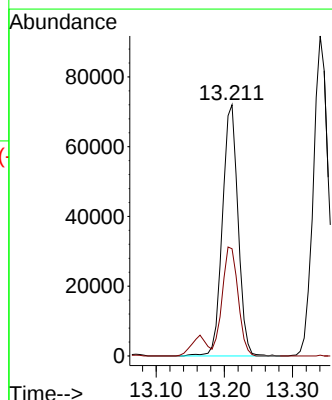
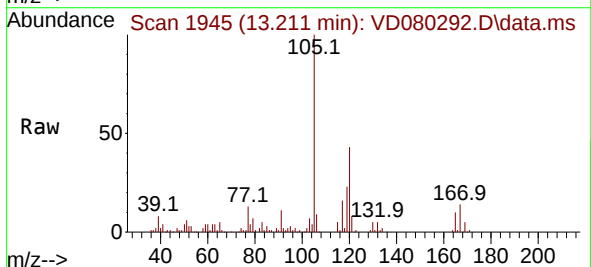
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

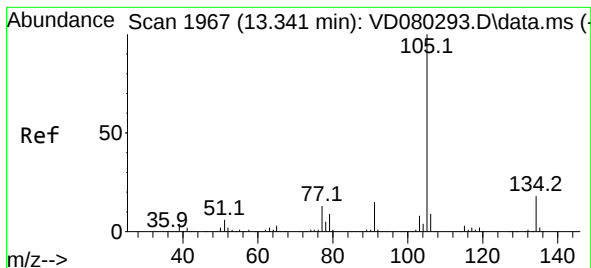
Tgt Ion:119 Resp: 89918
Ion Ratio Lower Upper
119 100
91 67.2 33.3 99.8
134 26.1 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 20.144 ug/l
RT: 13.211 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VD080292.D
Acq: 06 May 2025 14:23

Tgt Ion:105 Resp: 114868
Ion Ratio Lower Upper
105 100
120 43.9 22.3 66.8





#85

sec-Butylbenzene

Concen: 19.629 ug/l

RT: 13.341 min Scan# 1967

Delta R.T. -0.000 min

Lab File: VD080292.D

Acq: 06 May 2025 14:23

Instrument :

MSVOA_D

ClientSampleId :

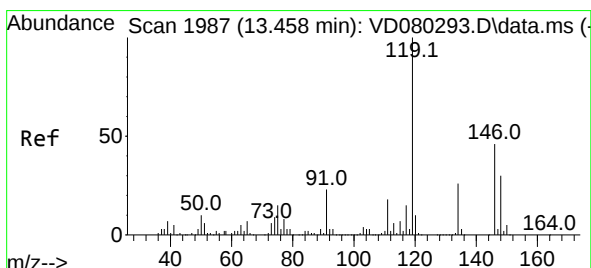
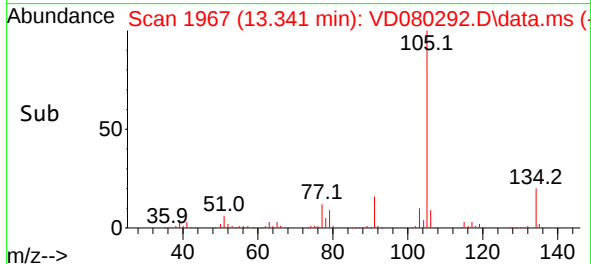
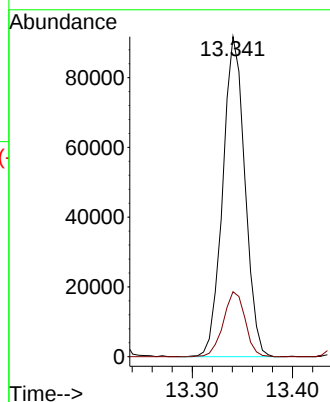
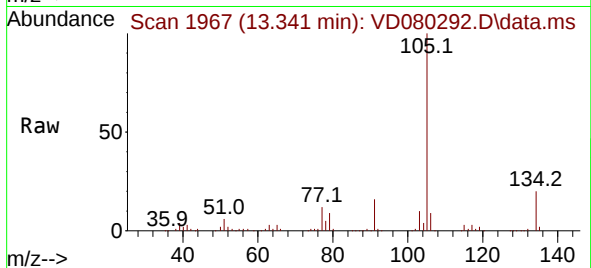
VSTDICC020

Tgt Ion:105 Resp: 140780

Ion Ratio Lower Upper

105 100

134 20.0 9.6 28.8



#86

p-Isopropyltoluene

Concen: 19.646 ug/l

RT: 13.458 min Scan# 1987

Delta R.T. -0.000 min

Lab File: VD080292.D

Acq: 06 May 2025 14:23

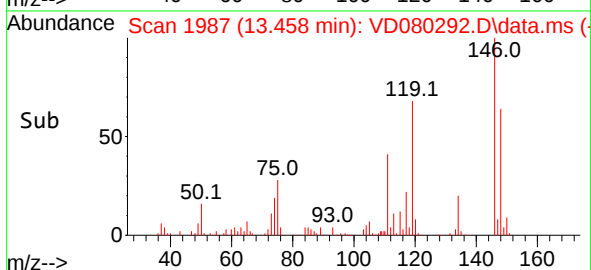
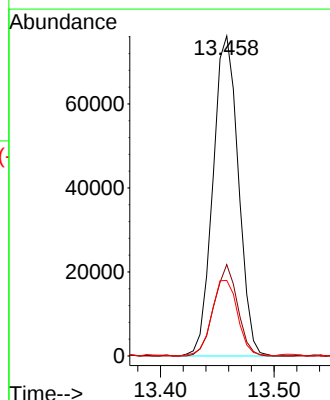
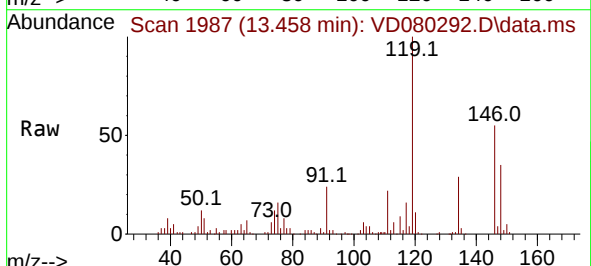
Tgt Ion:119 Resp: 118421

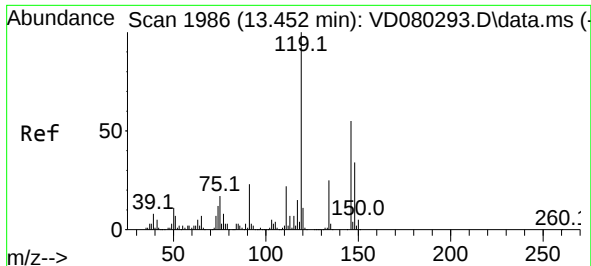
Ion Ratio Lower Upper

119 100

134 26.5 12.8 38.4

91 24.2 11.7 35.0

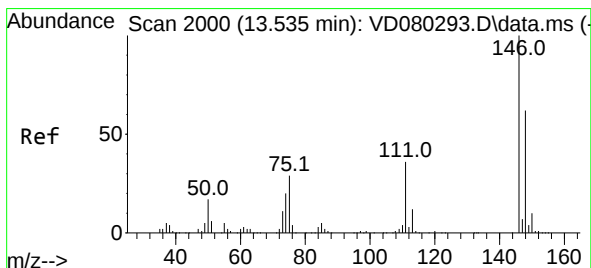
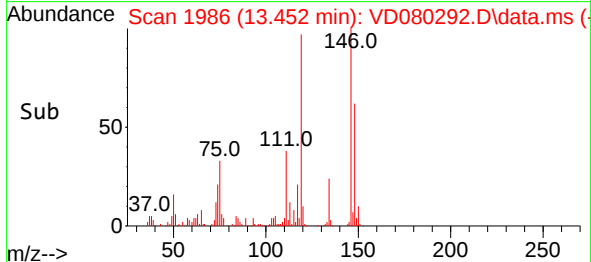
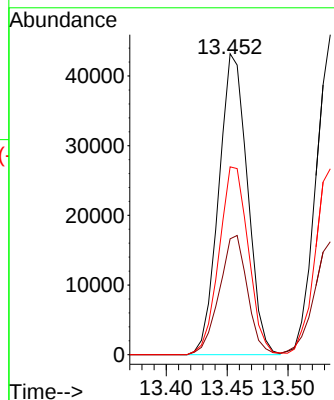
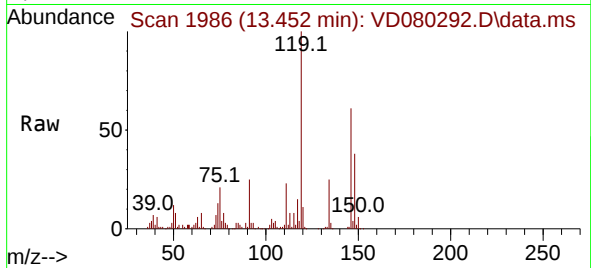




#87
1,3-Dichlorobenzene
Concen: 20.076 ug/l
RT: 13.452 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VD080292.D
Acq: 06 May 2025 14:23

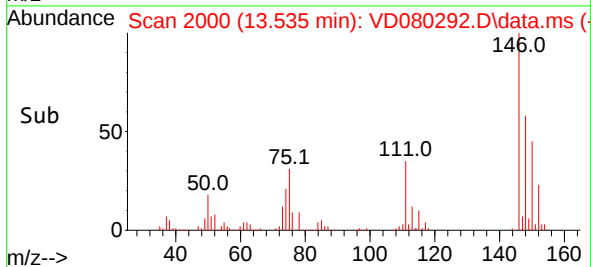
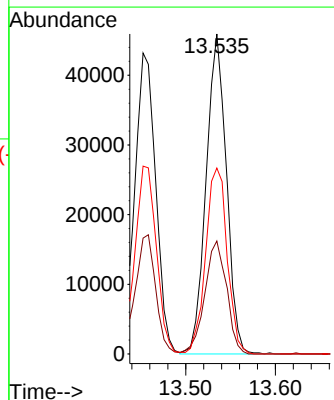
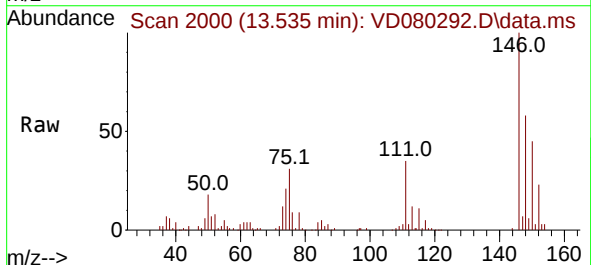
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

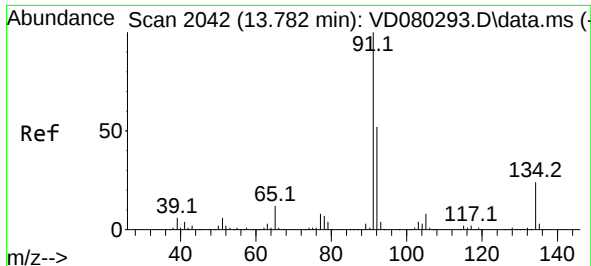
Tgt Ion:146 Resp: 70964
Ion Ratio Lower Upper
146 100
111 38.7 19.9 59.6
148 63.8 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 20.223 ug/l
RT: 13.535 min Scan# 2000
Delta R.T. -0.000 min
Lab File: VD080292.D
Acq: 06 May 2025 14:23

Tgt Ion:146 Resp: 72067
Ion Ratio Lower Upper
146 100
111 38.0 18.9 56.5
148 61.7 31.4 94.0





#89

n-Butylbenzene

Concen: 19.331 ug/l

RT: 13.782 min Scan# 2042

Delta R.T. -0.000 min

Lab File: VD080292.D

Acq: 06 May 2025 14:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

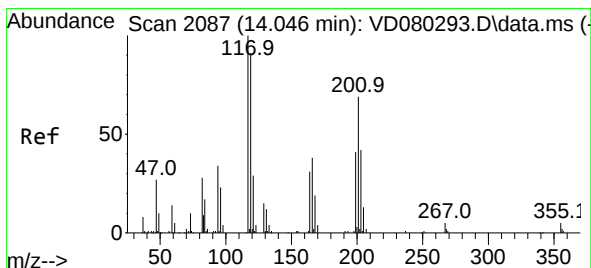
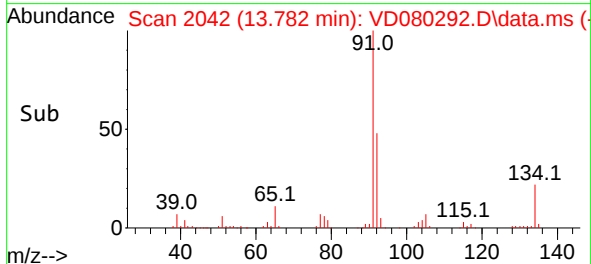
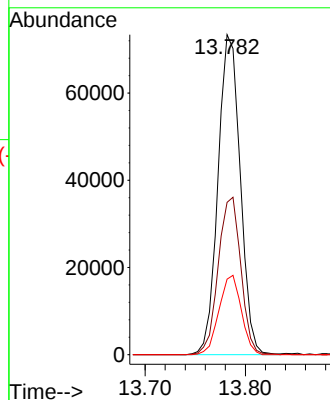
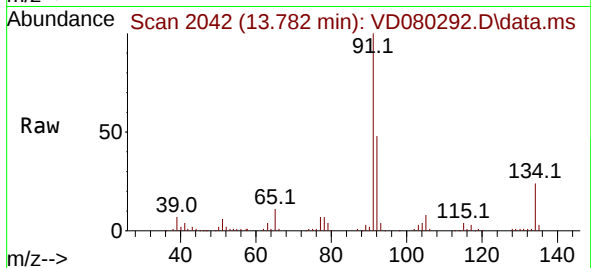
Tgt Ion: 91 Resp: 113114

Ion Ratio Lower Upper

91 100

92 50.1 26.1 78.2

134 24.8 12.0 36.1



#90

Hexachloroethane

Concen: 19.940 ug/l

RT: 14.046 min Scan# 2087

Delta R.T. -0.000 min

Lab File: VD080292.D

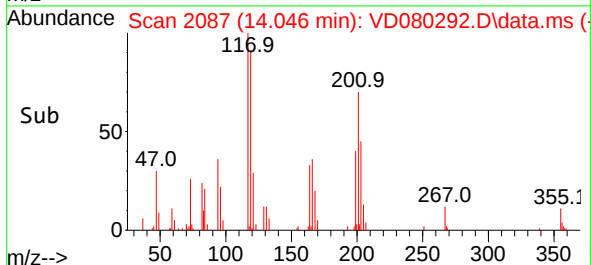
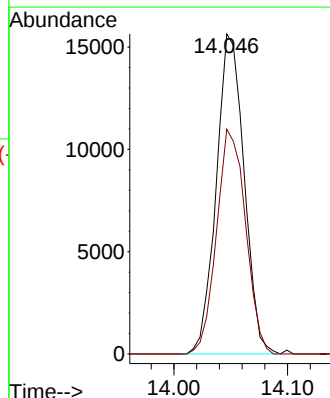
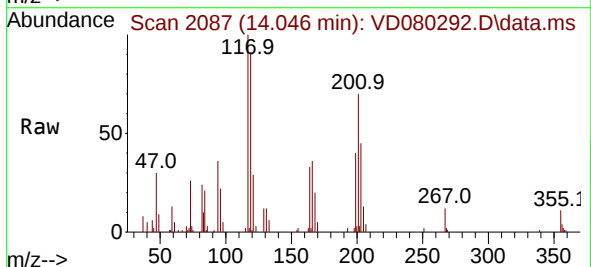
Acq: 06 May 2025 14:23

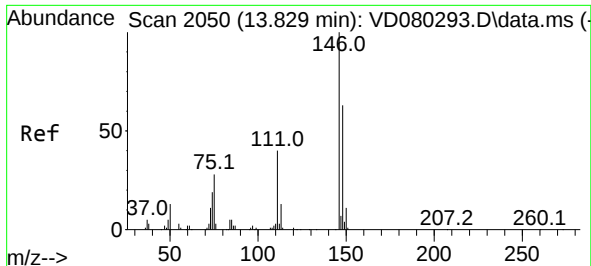
Tgt Ion: 117 Resp: 26594

Ion Ratio Lower Upper

117 100

201 73.2 36.9 110.6

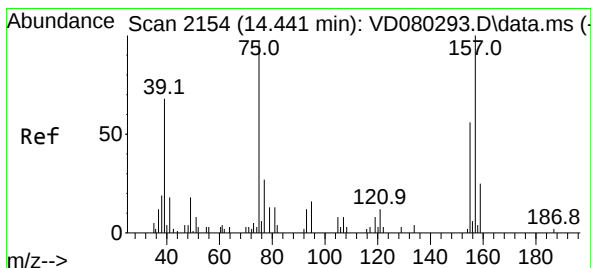
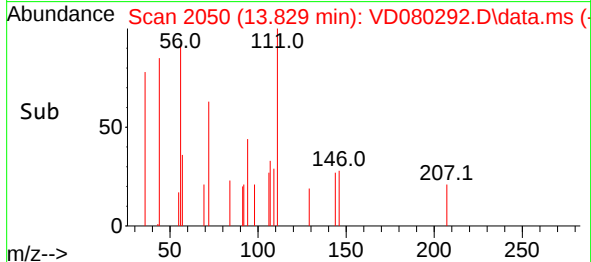
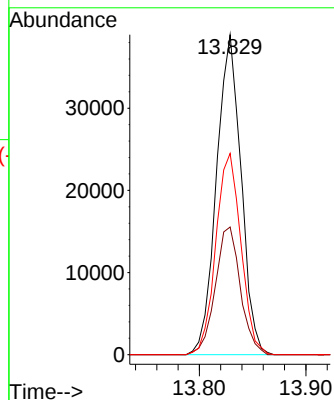
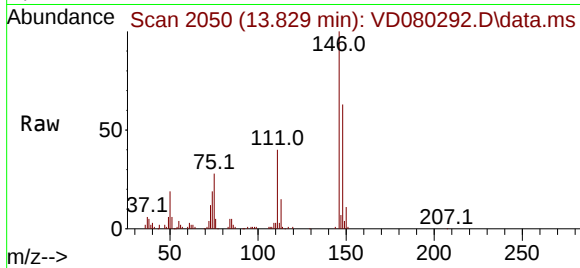




#91
 1,2-Dichlorobenzene
 Concen: 20.329 ug/l
 RT: 13.829 min Scan# 2050
 Delta R.T. -0.000 min
 Lab File: VD080292.D
 Acq: 06 May 2025 14:23

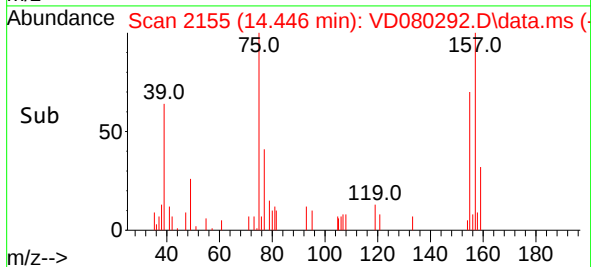
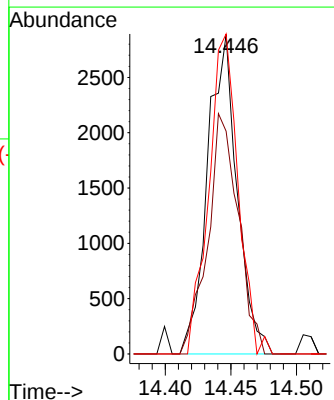
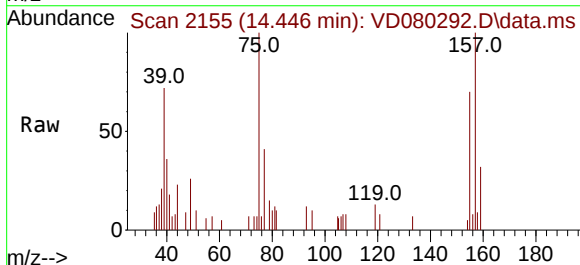
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

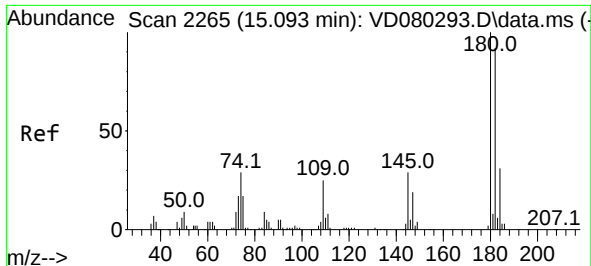
Tgt Ion:146 Resp: 62422
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.8 62.5
 148 64.3 32.4 97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.815 ug/l
 RT: 14.446 min Scan# 2155
 Delta R.T. 0.006 min
 Lab File: VD080292.D
 Acq: 06 May 2025 14:23

Tgt Ion: 75 Resp: 4538
 Ion Ratio Lower Upper
 75 100
 155 77.5 36.3 108.7
 157 99.0 52.9 158.8

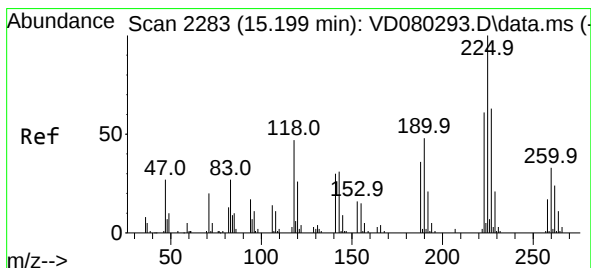
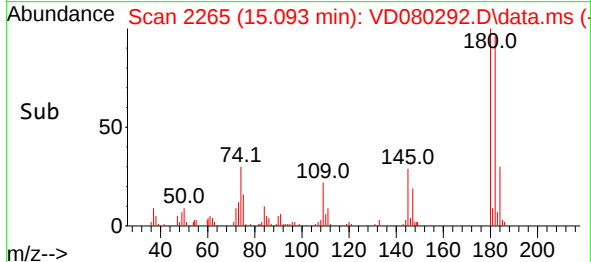
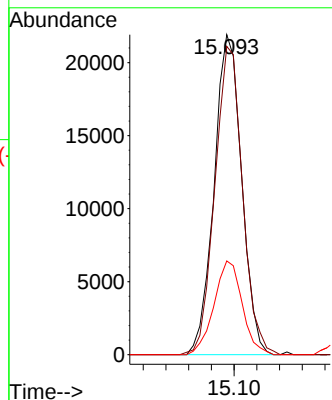
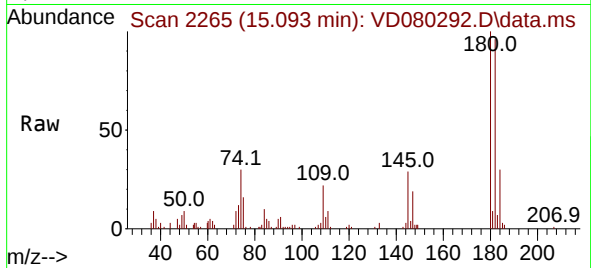




#93
1,2,4-Trichlorobenzene
Concen: 19.078 ug/l
RT: 15.093 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD080292.D
Acq: 06 May 2025 14:23

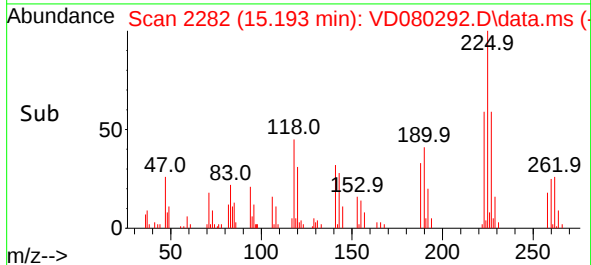
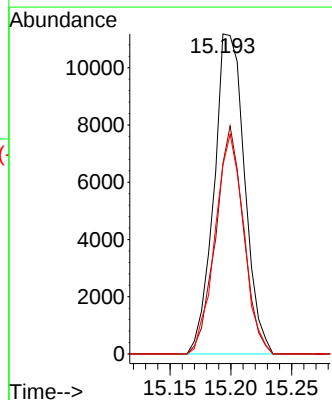
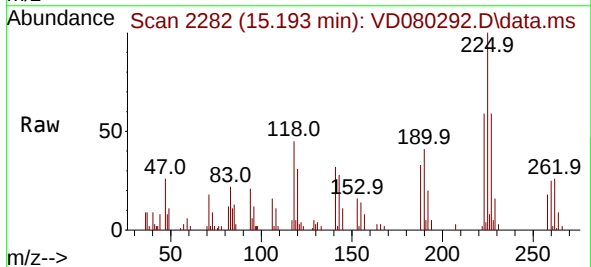
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

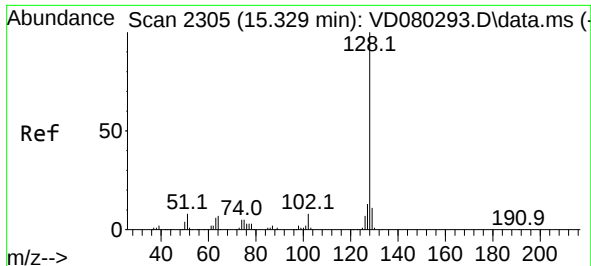
Tgt Ion:180 Resp: 36841
Ion Ratio Lower Upper
180 100
182 96.5 46.7 140.1
145 30.1 14.9 44.5



#94
Hexachlorobutadiene
Concen: 19.458 ug/l
RT: 15.193 min Scan# 2282
Delta R.T. -0.006 min
Lab File: VD080292.D
Acq: 06 May 2025 14:23

Tgt Ion:225 Resp: 19548
Ion Ratio Lower Upper
225 100
223 64.6 30.3 90.8
227 64.3 32.0 96.2

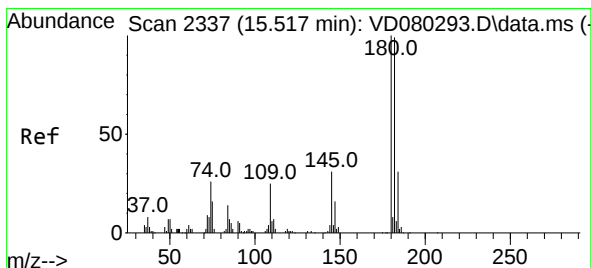
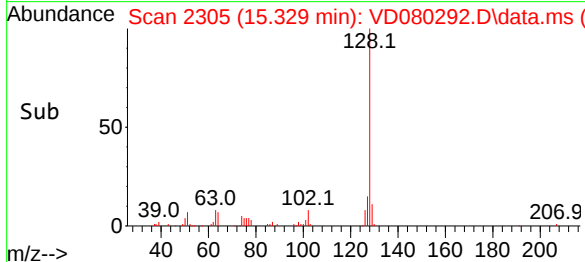
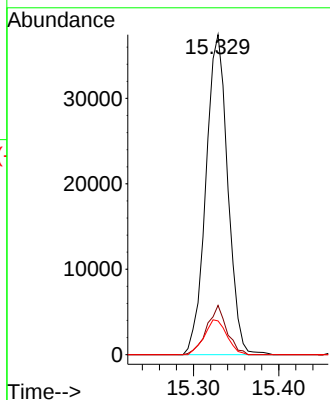
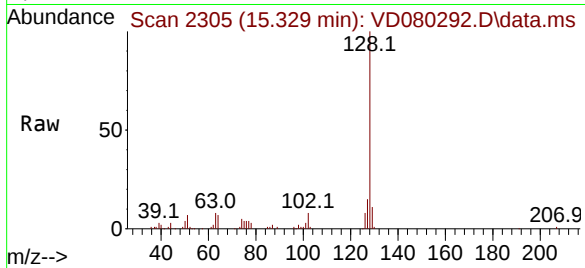




#95
Naphthalene
Concen: 18.428 ug/l
RT: 15.329 min Scan# 2305
Delta R.T. -0.000 min
Lab File: VD080292.D
Acq: 06 May 2025 14:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 66818
Ion Ratio Lower Upper
128 100
127 15.4 10.2 15.4#
129 10.5 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.260 ug/l
RT: 15.517 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD080292.D
Acq: 06 May 2025 14:23

Tgt Ion:180 Resp: 33265
Ion Ratio Lower Upper
180 100
182 97.7 48.3 144.9
145 31.4 15.6 46.7

