

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050625\
 Data File : VD080294.D
 Acq On : 06 May 2025 15:19
 Operator : RP/MD
 Sample : VSTDICC100
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: May 07 03:19:22 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	131770	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	210502	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	202471	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	111785	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	159640	93.685	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 187.360%#	
35) Dibromofluoromethane	7.805	113	142060	100.690	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 201.380%#	
50) Toluene-d8	10.270	98	593271	106.723	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 213.440%#	
62) 4-Bromofluorobenzene	12.570	95	196997	110.409	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 220.820%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.935	85	110213	101.264	ug/l	98
3) Chloromethane	2.153	50	217332	101.079	ug/l	96
4) Vinyl Chloride	2.276	62	292662	85.433	ug/l	97
5) Bromomethane	2.676	94	220658	89.487	ug/l	98
6) Chloroethane	2.829	64	217872	89.953	ug/l	91
7) Trichlorofluoromethane	3.164	101	235017	89.472	ug/l	100
8) Diethyl Ether	3.594	74	78804	97.190	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.959	101	141408	87.376	ug/l	99
10) Methyl Iodide	4.159	142	174606	105.837	ug/l	100
11) Tert butyl alcohol	5.070	59	46635	451.011	ug/l	95
12) 1,1-Dichloroethene	3.935	96	144612	90.635	ug/l	95
13) Acrolein	3.800	56	87588	481.431	ug/l	100
14) Allyl chloride	4.559	41	249545	99.447	ug/l	98
15) Acrylonitrile	5.258	53	191338	490.847	ug/l	98
16) Acetone	4.023	43	131754	503.175	ug/l	97
17) Carbon Disulfide	4.264	76	487479	87.984	ug/l	98
18) Methyl Acetate	4.564	43	103309	93.551	ug/l	98
19) Methyl tert-butyl Ether	5.317	73	370328	105.651	ug/l	96
20) Methylene Chloride	4.800	84	175604	100.348	ug/l	93
21) trans-1,2-Dichloroethene	5.311	96	165671	95.579	ug/l	98
22) Diisopropyl ether	6.217	45	536894	103.866	ug/l	99
23) Vinyl Acetate	6.153	43	1609020	534.453	ug/l	99
24) 1,1-Dichloroethane	6.111	63	305739	93.995	ug/l	99
25) 2-Butanone	7.082	43	231714	494.218	ug/l	94
26) 2,2-Dichloropropane	7.070	77	244780	94.573	ug/l	100
27) cis-1,2-Dichloroethene	7.076	96	194602	101.334	ug/l	99
28) Bromochloromethane	7.423	49	138026	91.137	ug/l	99
29) Tetrahydrofuran	7.447	42	158696	519.128	ug/l	97
30) Chloroform	7.594	83	306617	94.527	ug/l	97
31) Cyclohexane	7.876	56	261031	94.290	ug/l	99
32) 1,1,1-Trichloroethane	7.794	97	252641	95.466	ug/l	98
36) 1,1-Dichloropropene	8.005	75	217097	102.959	ug/l	100
37) Ethyl Acetate	7.170	43	110302	100.301	ug/l	98
38) Carbon Tetrachloride	7.988	117	215775	98.123	ug/l	95
39) Methylcyclohexane	9.270	83	267910	109.496	ug/l	93
40) Benzene	8.252	78	678390	102.680	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.400	41	59471	97.466	ug/l	97
42) 1,2-Dichloroethane	8.323	62	189251	98.854	ug/l	99
43) Isopropyl Acetate	8.358	43	210438	105.251	ug/l #	88
44) Trichloroethene	9.029	130	154966	101.044	ug/l	95
45) 1,2-Dichloropropane	9.305	63	173568	102.434	ug/l	95
46) Dibromomethane	9.394	93	93085	100.900	ug/l	98
47) Bromodichloromethane	9.582	83	239004	102.070	ug/l	98
48) Methyl methacrylate	9.382	41	105026	110.554	ug/l	97
49) 1,4-Dioxane	9.382	88	23781	2168.170	ug/l	92
51) 4-Methyl-2-Pentanone	10.158	43	573658	556.850	ug/l	100
52) Toluene	10.329	92	434203	109.088	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	227709	106.672	ug/l	100
54) cis-1,3-Dichloropropene	10.017	75	265293	107.247	ug/l	99
55) 1,1,2-Trichloroethane	10.729	97	123593	101.280	ug/l	97
56) Ethyl methacrylate	10.594	69	172432	116.611	ug/l	99
57) 1,3-Dichloropropane	10.876	76	215680	106.345	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.870	63	349715	577.899	ug/l	100
59) 2-Hexanone	10.917	43	398292	562.031	ug/l	98
60) Dibromochloromethane	11.070	129	160066	104.667	ug/l	98
61) 1,2-Dibromoethane	11.176	107	117643	103.965	ug/l	100
64) Tetrachloroethene	10.811	164	134017	97.745	ug/l	97
65) Chlorobenzene	11.605	112	454800	99.481	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.682	131	159760	101.714	ug/l	97
67) Ethyl Benzene	11.682	91	844578	110.548	ug/l	99
68) m/p-Xylenes	11.793	106	655051	220.820	ug/l	99
69) o-Xylene	12.117	106	300980	111.034	ug/l	100
70) Styrene	12.135	104	541974	111.347	ug/l	99
71) Bromoform	12.293	173	94432	101.194	ug/l #	99
73) Isopropylbenzene	12.417	105	777958	107.285	ug/l	99
74) N-amyl acetate	12.229	43	219574	105.504	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.670	83	155040	97.228	ug/l	96
76) 1,2,3-Trichloropropane	12.723	75	198096	167.025	ug/l #	100
77) Bromobenzene	12.699	156	189291	100.638	ug/l	96
78) n-propylbenzene	12.758	91	983336	108.061	ug/l	100
79) 2-Chlorotoluene	12.846	91	554020	104.668	ug/l	99
80) 1,3,5-Trimethylbenzene	12.899	105	668411	108.074	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.470	75	57386	100.965	ug/l	99
82) 4-Chlorotoluene	12.946	91	585946	102.552	ug/l	99
83) tert-Butylbenzene	13.164	119	561847	108.863	ug/l	100
84) 1,2,4-Trimethylbenzene	13.211	105	693835	109.645	ug/l	100
85) sec-Butylbenzene	13.340	105	861805	108.283	ug/l	100
86) p-Isopropyltoluene	13.458	119	740180	110.657	ug/l	99
87) 1,3-Dichlorobenzene	13.452	146	392135	99.968	ug/l	100
88) 1,4-Dichlorobenzene	13.535	146	379949	96.081	ug/l	99
89) n-Butylbenzene	13.782	91	698284	107.540	ug/l	99
90) Hexachloroethane	14.052	117	143439	96.918	ug/l	97
91) 1,2-Dichlorobenzene	13.829	146	339544	99.646	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.440	75	23550	92.665	ug/l	94
93) 1,2,4-Trichlorobenzene	15.093	180	217334	101.419	ug/l	99
94) Hexachlorobutadiene	15.199	225	108573	97.387	ug/l	98
95) Naphthalene	15.329	128	433416	107.715	ug/l	99
96) 1,2,3-Trichlorobenzene	15.517	180	197633	103.117	ug/l	97

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Quant Title : SW846 8260
QLast Update : Wed May 07 03:09:55 2025
Response via : Initial Calibration

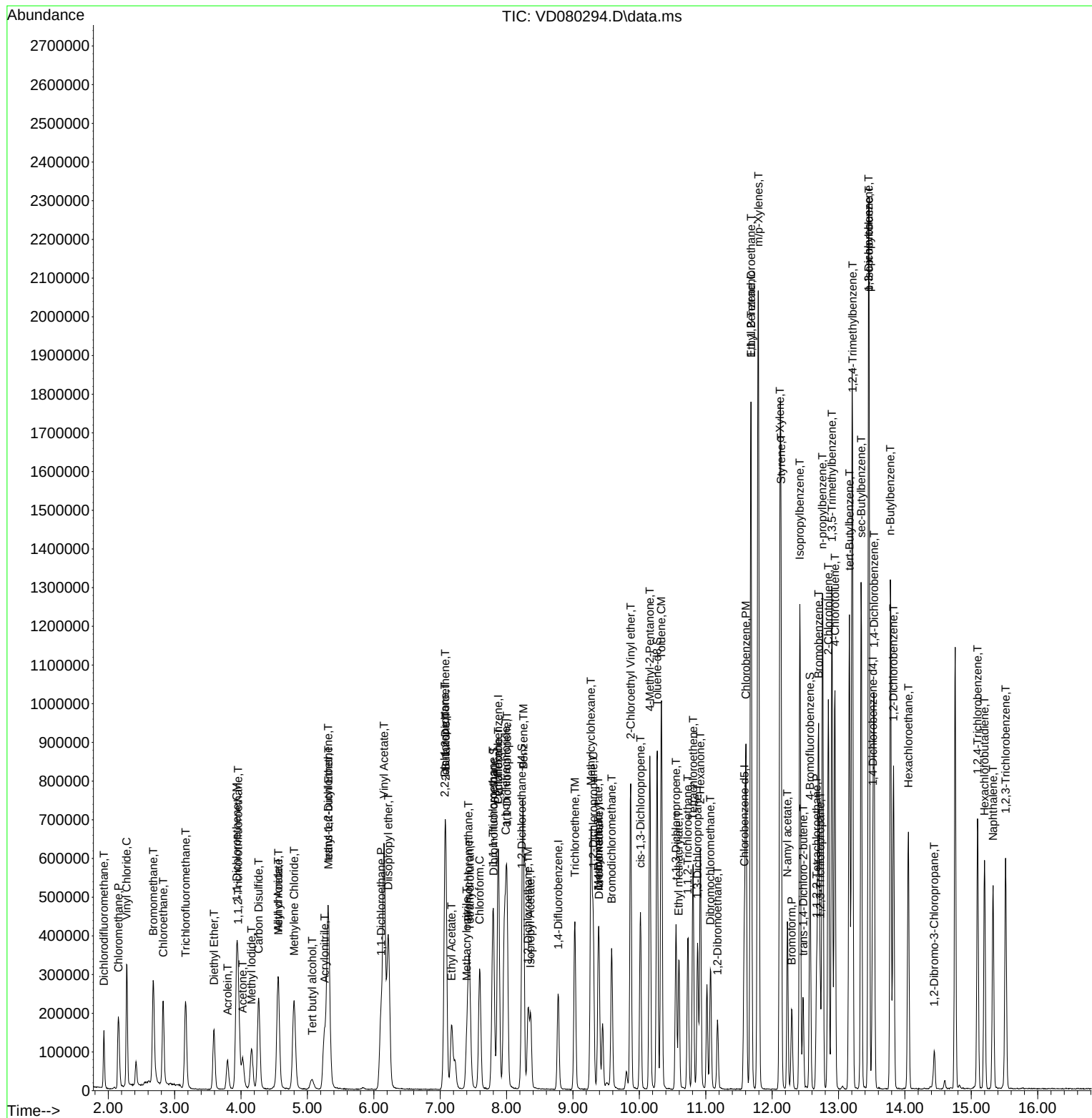
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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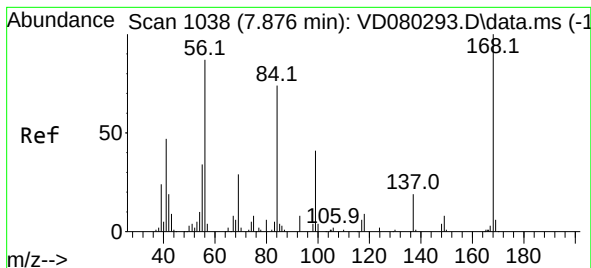
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD080294.D

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Instrument :

MSVOA_D

ClientSampleId :

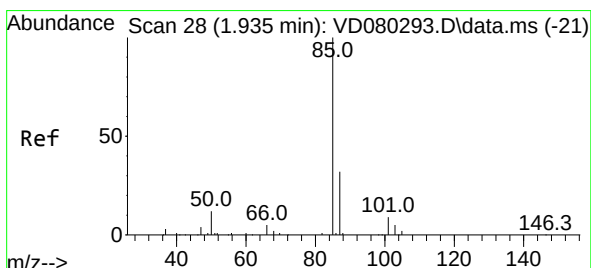
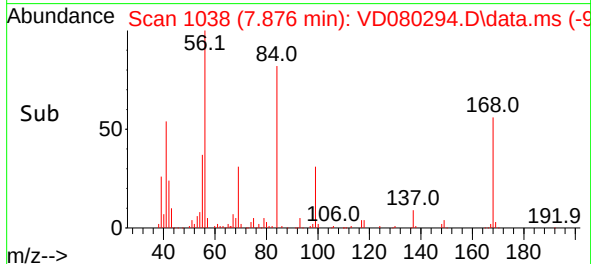
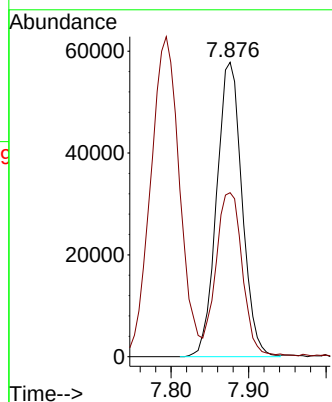
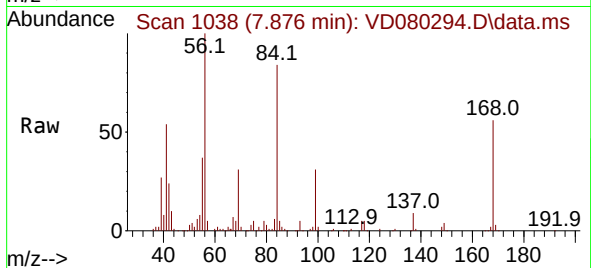
VSTDICC100

Tgt Ion:168 Resp: 131770

Ion Ratio Lower Upper

168 100

99 54.8 46.4 69.6



#2

Dichlorodifluoromethane

Concen: 101.264 ug/l

RT: 1.935 min Scan# 28

Delta R.T. 0.000 min

Lab File: VD080294.D

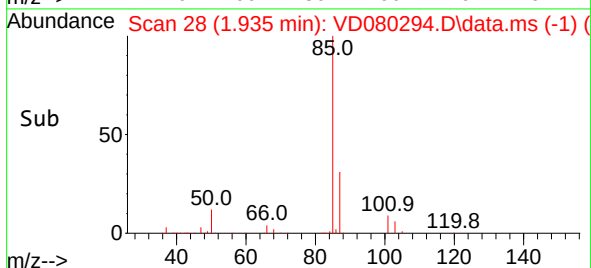
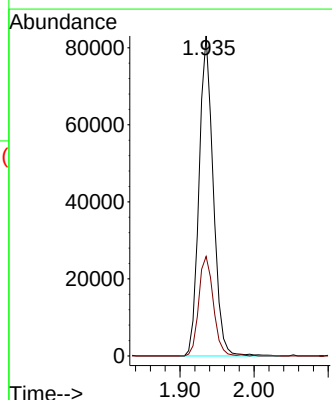
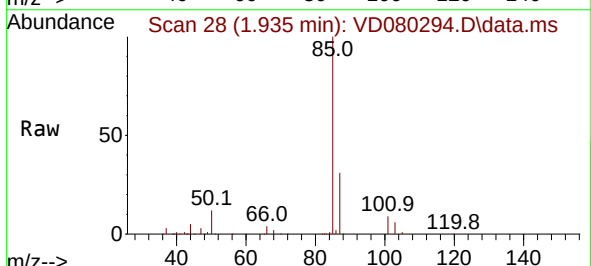
Acq: 06 May 2025 15:19

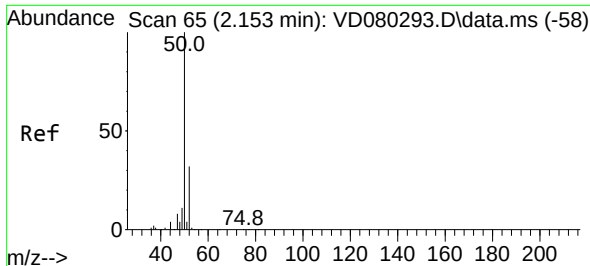
Tgt Ion: 85 Resp: 110213

Ion Ratio Lower Upper

85 100

87 31.1 16.2 48.6

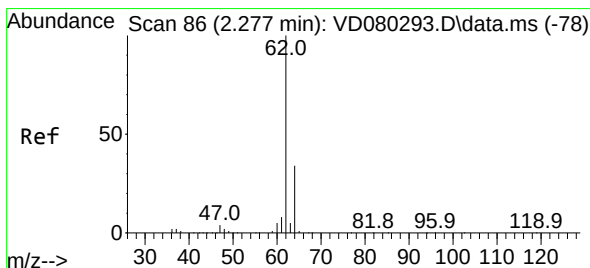
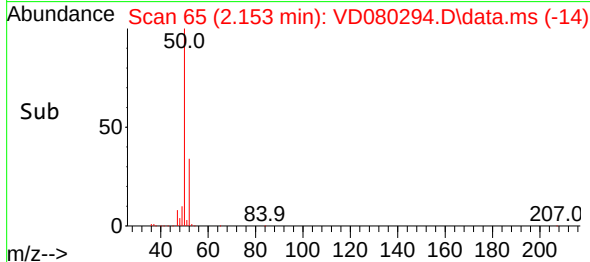
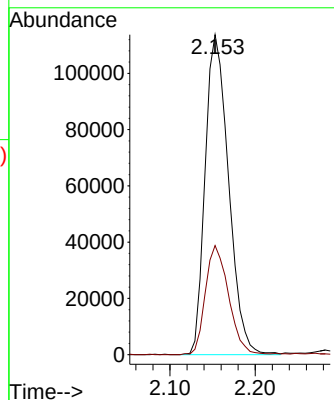
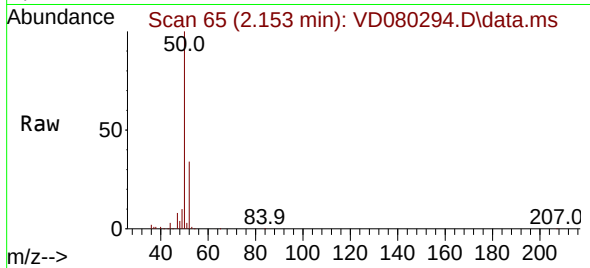




#3
Chloromethane
Concen: 101.079 ug/l
RT: 2.153 min Scan# 65
Delta R.T. -0.000 min
Lab File: VD080294.D
Acq: 06 May 2025 15:19

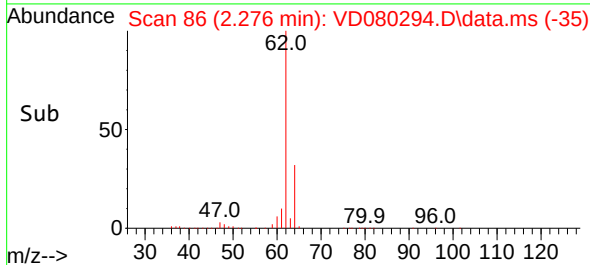
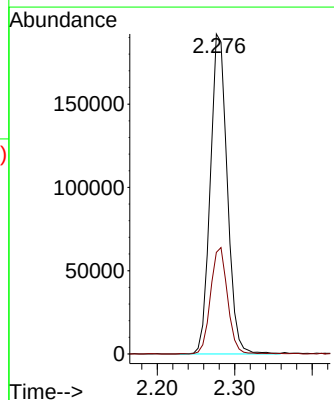
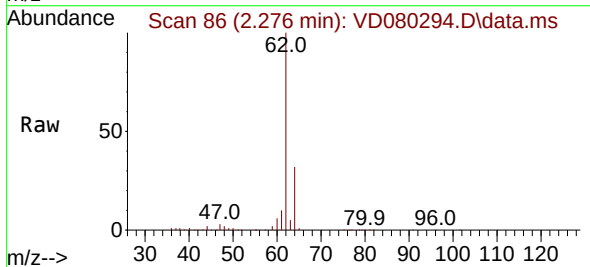
Instrument :
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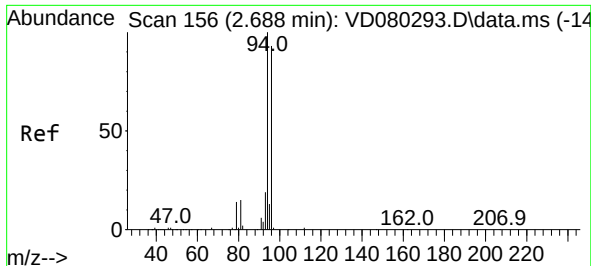
Tgt Ion: 50 Resp: 217332
Ion Ratio Lower Upper
50 100
52 34.1 25.7 38.5



#4
Vinyl Chloride
Concen: 85.433 ug/l
RT: 2.276 min Scan# 86
Delta R.T. -0.000 min
Lab File: VD080294.D
Acq: 06 May 2025 15:19

Tgt Ion: 62 Resp: 292662
Ion Ratio Lower Upper
62 100
64 31.7 26.9 40.3

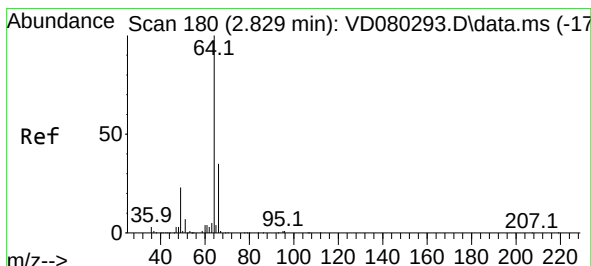
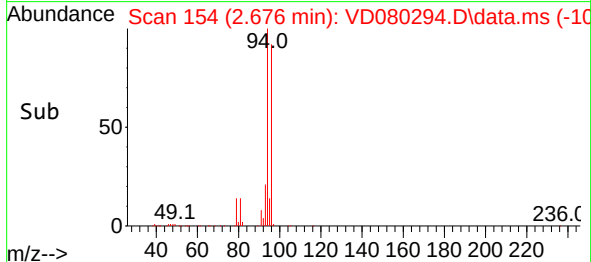
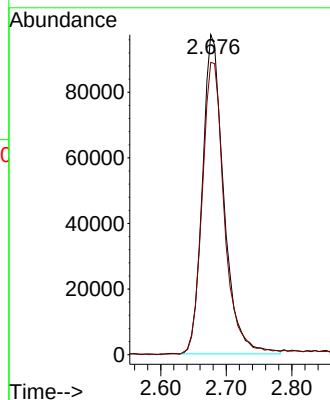
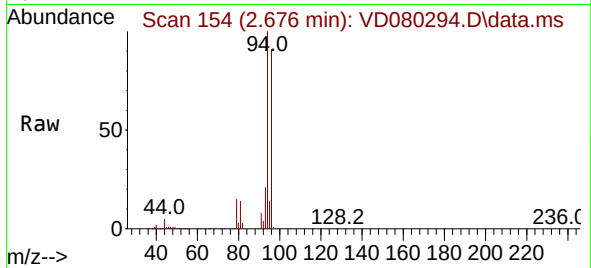




#5
Bromomethane
Concen: 89.487 ug/l
RT: 2.676 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD080294.D
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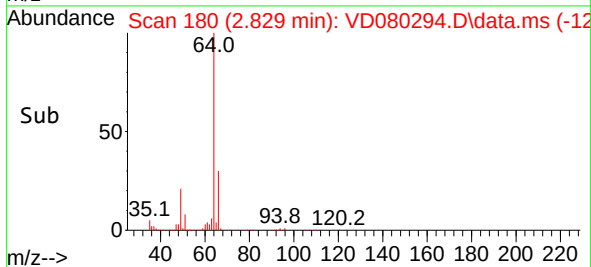
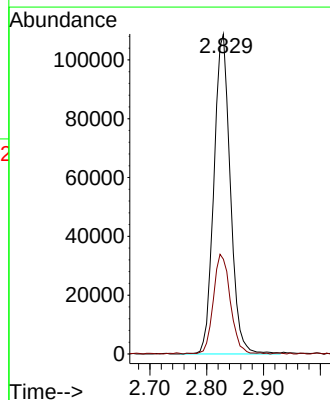
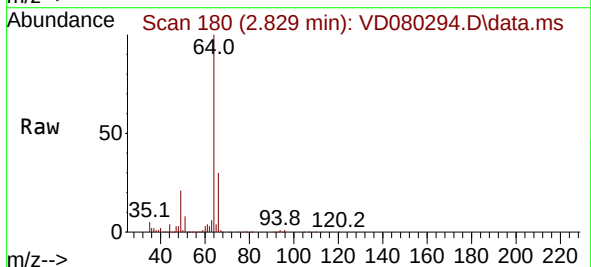
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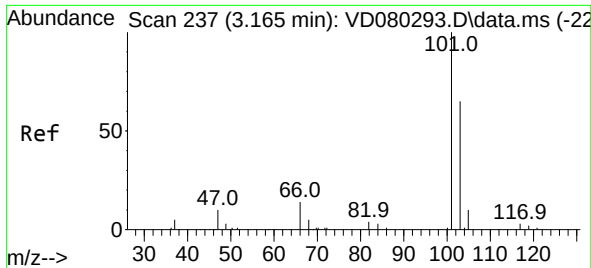
Tgt Ion: 94 Resp: 220658
Ion Ratio Lower Upper
94 100
96 95.5 74.6 112.0



#6
Chloroethane
Concen: 89.953 ug/l
RT: 2.829 min Scan# 180
Delta R.T. -0.000 min
Lab File: VD080294.D
Acq: 06 May 2025 15:19

Tgt Ion: 64 Resp: 217872
Ion Ratio Lower Upper
64 100
66 29.4 27.7 41.5

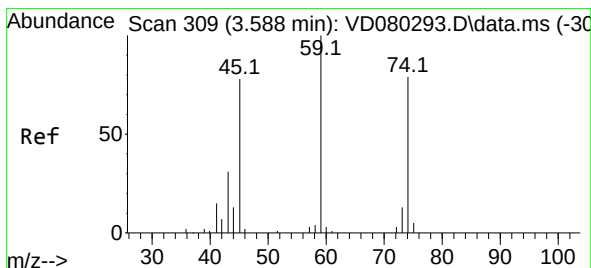
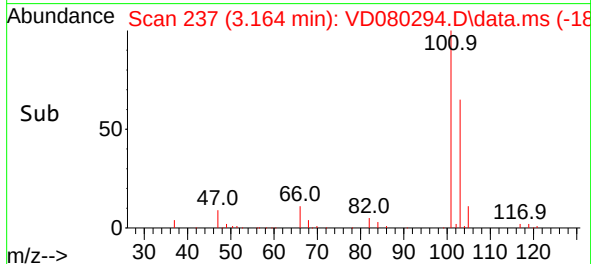
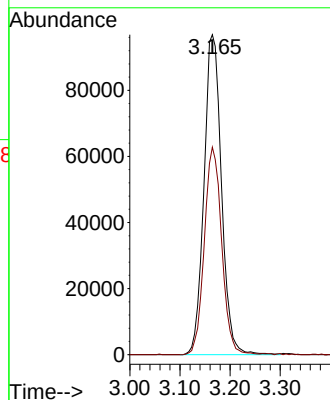
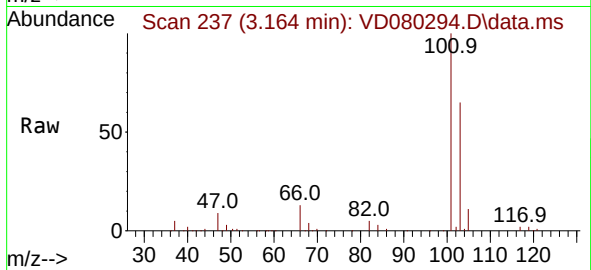




#7
 Trichlorofluoromethane
 Concen: 89.472 ug/l
 RT: 3.164 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD080294.D
 Acq: 06 May 2025 15:19

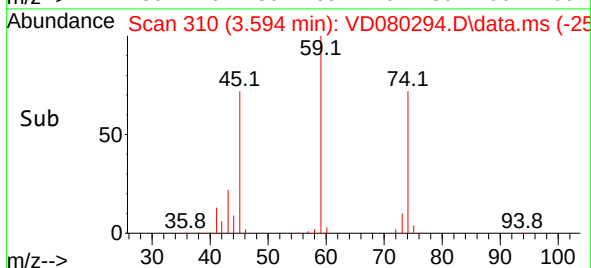
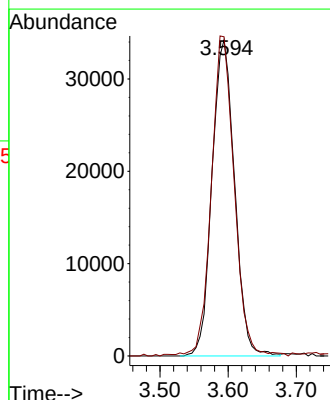
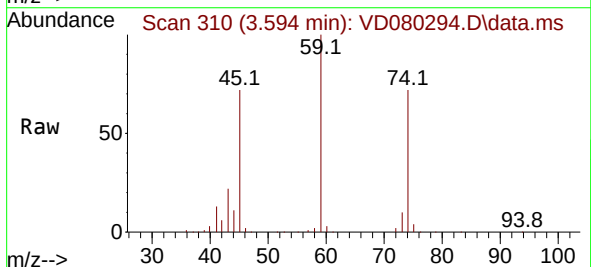
Instrument :
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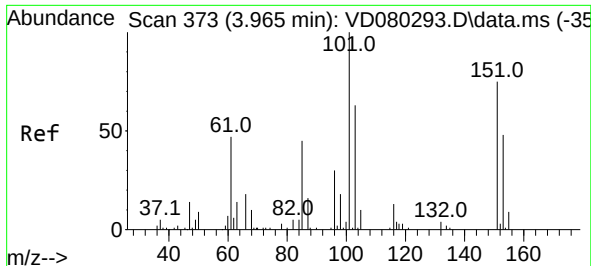
Tgt Ion:101 Resp: 235017
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.8 77.8



#8
 Diethyl Ether
 Concen: 97.190 ug/l
 RT: 3.594 min Scan# 310
 Delta R.T. 0.006 min
 Lab File: VD080294.D
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Tgt Ion: 74 Resp: 78804
 Ion Ratio Lower Upper
 74 100
 45 102.2 53.1 159.4

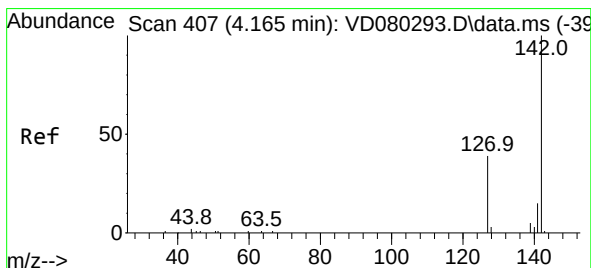
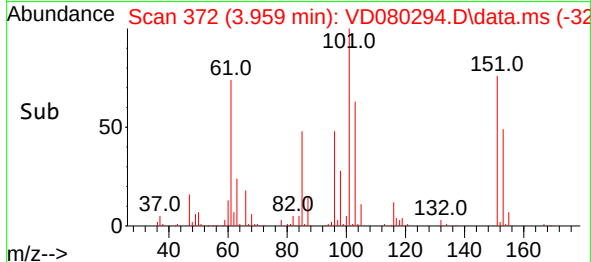
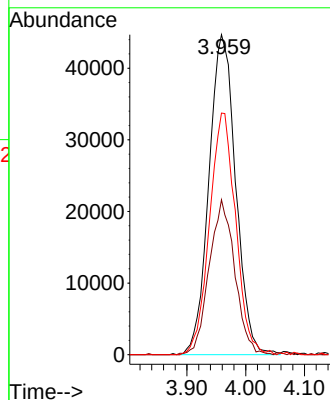
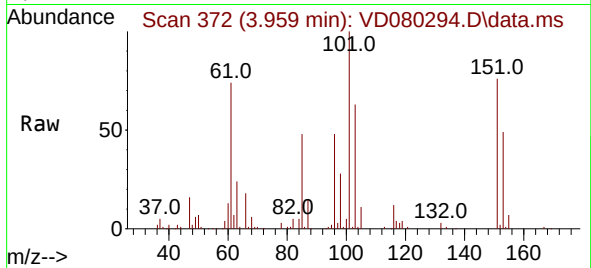




#9
1,1,2-Trichlorotrifluoroethane
Concen: 87.376 ug/l
RT: 3.959 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD080294.D
Acq: 06 May 2025 15:19

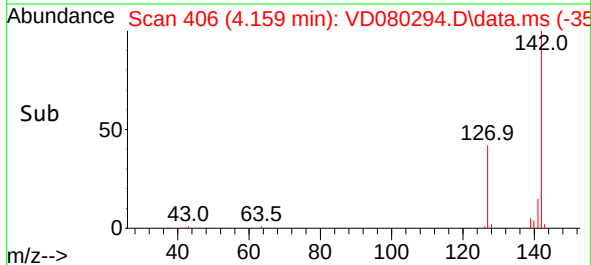
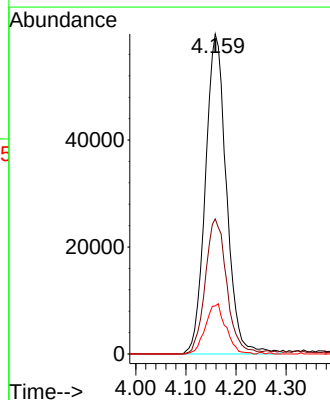
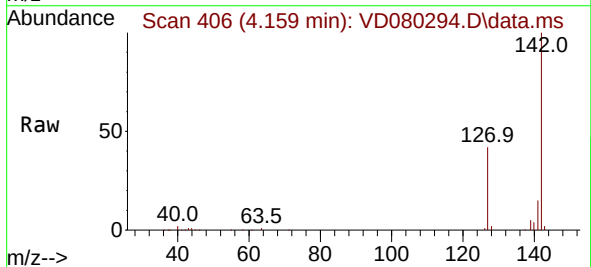
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

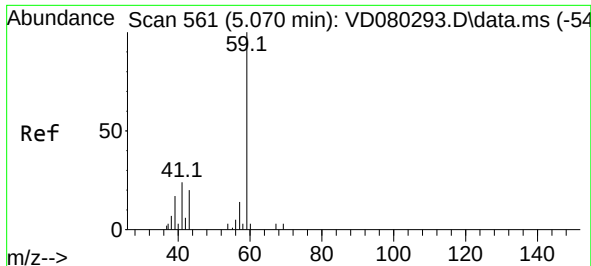
Tgt Ion:101 Resp: 141408
Ion Ratio Lower Upper
101 100
85 46.3 35.5 53.3
151 73.9 59.0 88.6



#10
Methyl Iodide
Concen: 105.837 ug/l
RT: 4.159 min Scan# 406
Delta R.T. -0.006 min
Lab File: VD080294.D
Acq: 06 May 2025 15:19

Tgt Ion:142 Resp: 174606
Ion Ratio Lower Upper
142 100
127 43.2 34.6 52.0
141 15.2 12.2 18.4

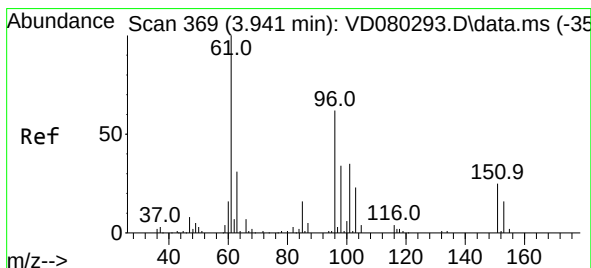
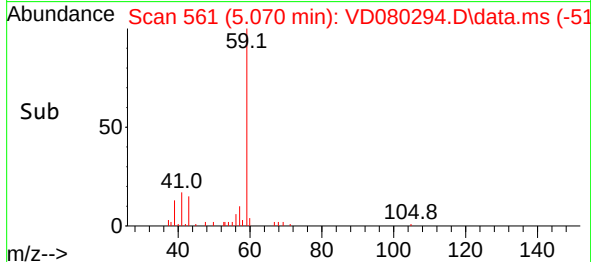
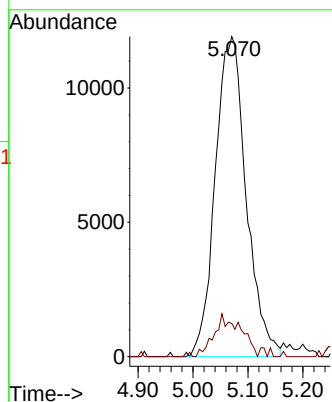
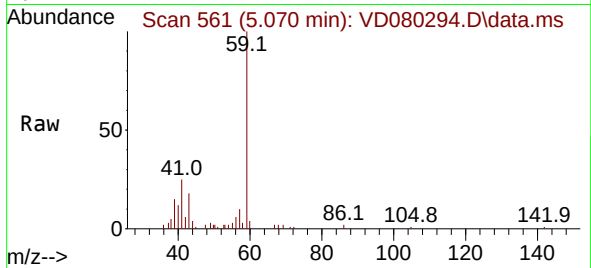




#11
Tert butyl alcohol
Concen: 451.011 ug/l
RT: 5.070 min Scan# 50
Delta R.T. -0.000 min
Lab File: VD080294.D
Acq: 06 May 2025 15:19

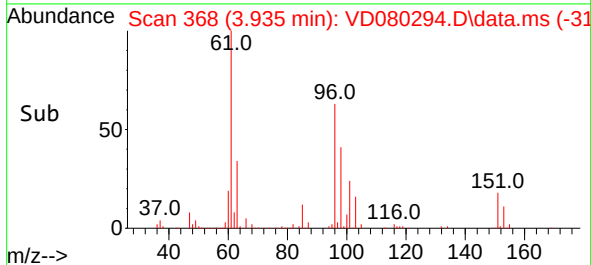
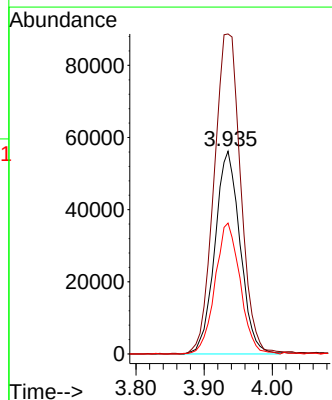
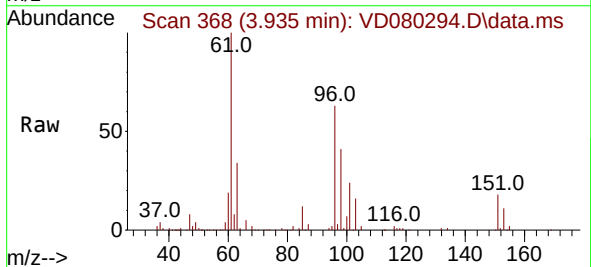
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

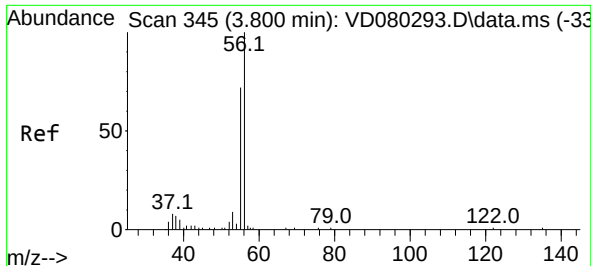
Tgt Ion: 59 Resp: 46635
Ion Ratio Lower Upper
59 100
57 11.4 10.6 16.0



#12
1,1-Dichloroethene
Concen: 90.635 ug/l
RT: 3.935 min Scan# 368
Delta R.T. -0.006 min
Lab File: VD080294.D
Acq: 06 May 2025 15:19

Tgt Ion: 96 Resp: 144612
Ion Ratio Lower Upper
96 100
61 157.9 128.2 192.2
98 64.6 43.9 65.9

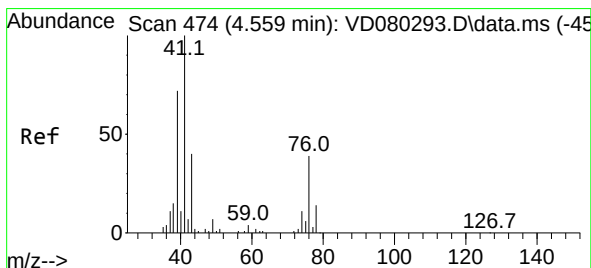
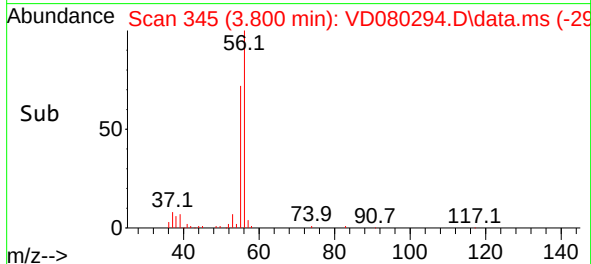
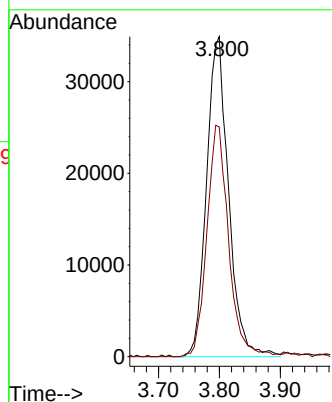
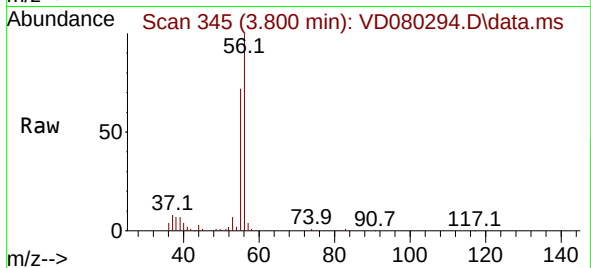




#13
Acrolein
Concen: 481.431 ug/l
RT: 3.800 min Scan# 345
Delta R.T. -0.000 min
Lab File: VD080294.D
Acq: 06 May 2025 15:19

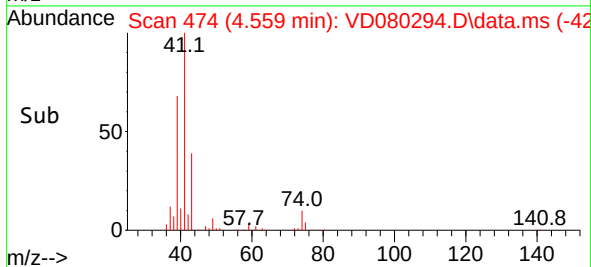
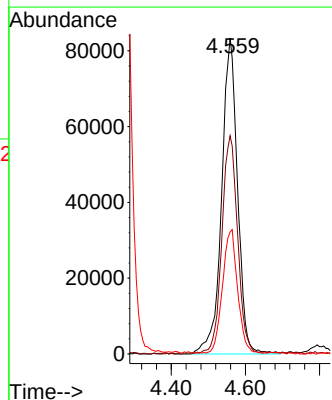
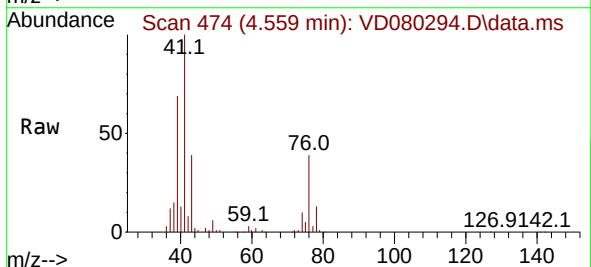
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MSVOA_D
ClientSampleId :
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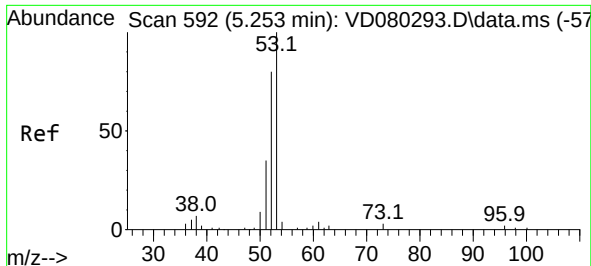
Tgt Ion: 56 Resp: 87588
Ion Ratio Lower Upper
56 100
55 71.4 57.4 86.2



#14
Allyl chloride
Concen: 99.447 ug/l
RT: 4.559 min Scan# 474
Delta R.T. -0.000 min
Lab File: VD080294.D
Acq: 06 May 2025 15:19

Tgt Ion: 41 Resp: 249545
Ion Ratio Lower Upper
41 100
39 68.4 53.0 79.4
76 36.8 28.8 43.2

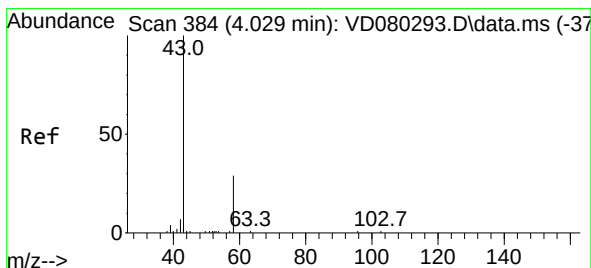
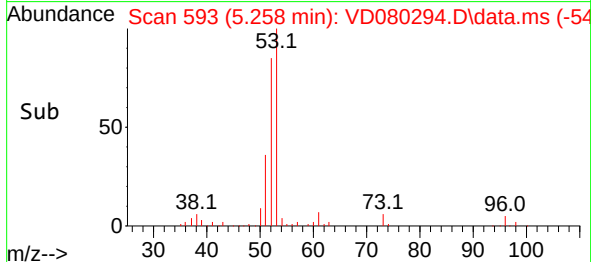
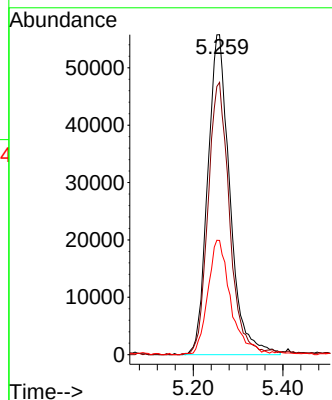
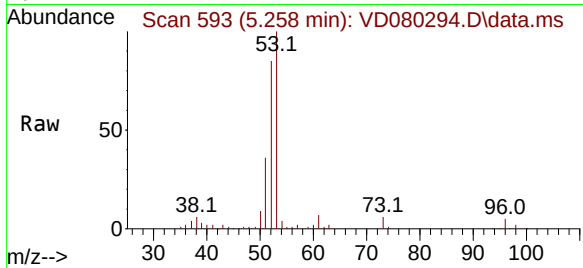




#15
Acrylonitrile
Concen: 490.847 ug/l
RT: 5.258 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD080294.D
Acq: 06 May 2025 15:19

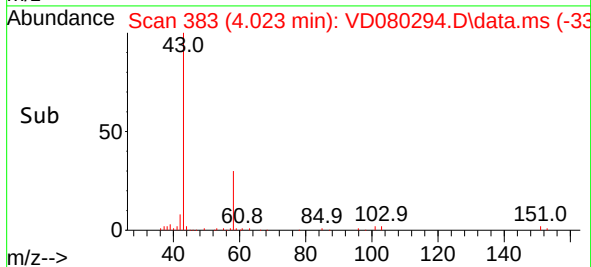
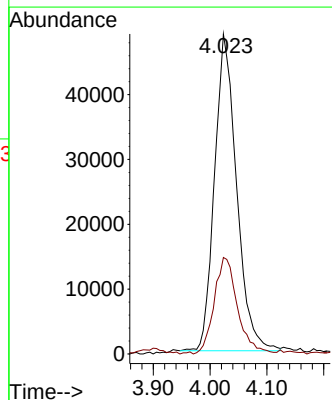
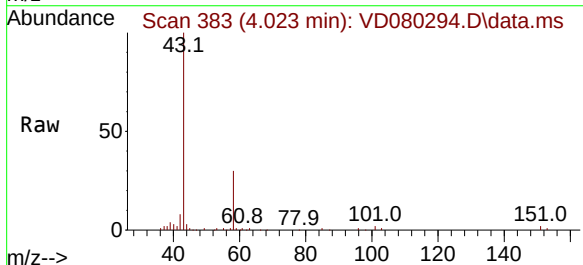
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

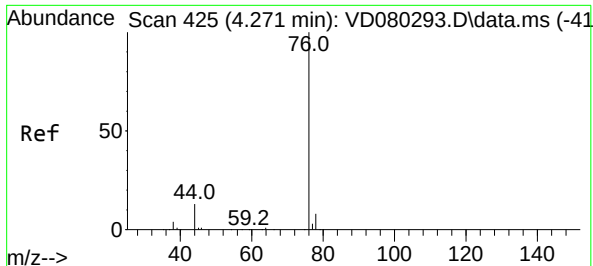
Tgt Ion: 53 Resp: 191338
Ion Ratio Lower Upper
53 100
52 82.1 67.3 100.9
51 37.0 30.4 45.6



#16
Acetone
Concen: 503.175 ug/l
RT: 4.023 min Scan# 383
Delta R.T. -0.006 min
Lab File: VD080294.D
Acq: 06 May 2025 15:19

Tgt Ion: 43 Resp: 131754
Ion Ratio Lower Upper
43 100
58 30.5 22.9 34.3

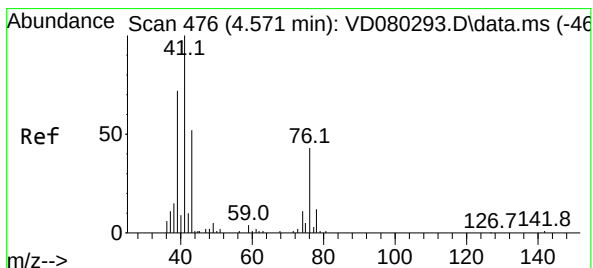
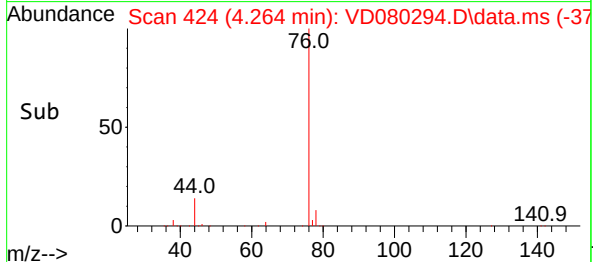
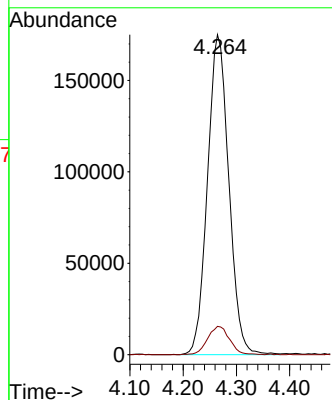
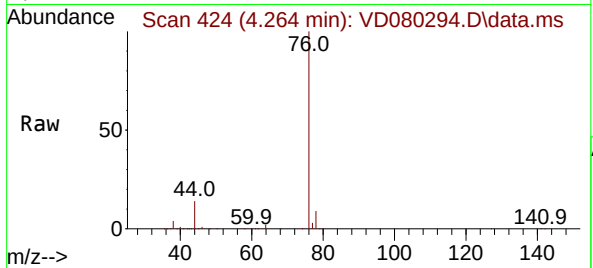




#17
Carbon Disulfide
Concen: 87.984 ug/l
RT: 4.264 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD080294.D
Acq: 06 May 2025 15:19

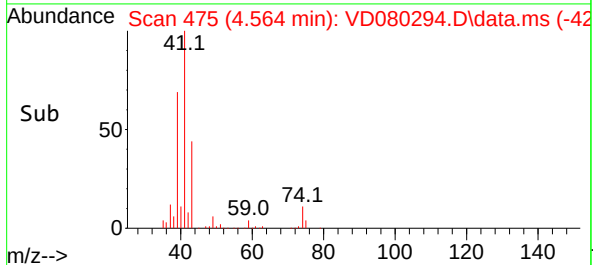
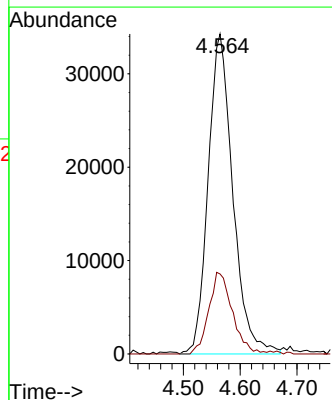
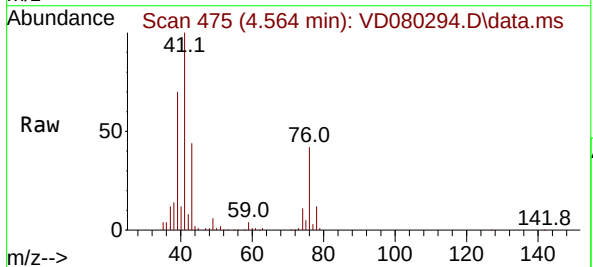
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ClientSampleId :
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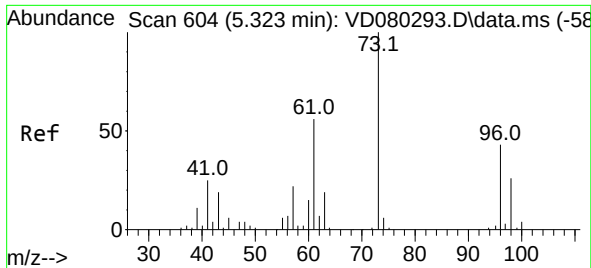
Tgt Ion: 76 Resp: 487479
Ion Ratio Lower Upper
76 100
78 8.9 6.6 10.0



#18
Methyl Acetate
Concen: 93.551 ug/l
RT: 4.564 min Scan# 475
Delta R.T. -0.006 min
Lab File: VD080294.D
Acq: 06 May 2025 15:19

Tgt Ion: 43 Resp: 103309
Ion Ratio Lower Upper
43 100
74 24.3 20.4 30.6

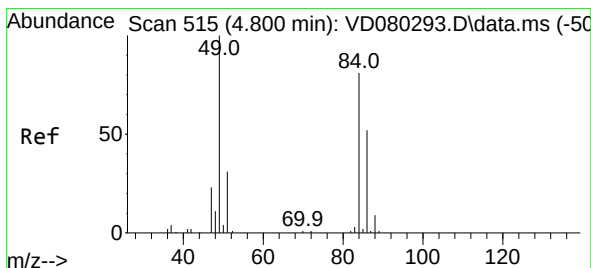
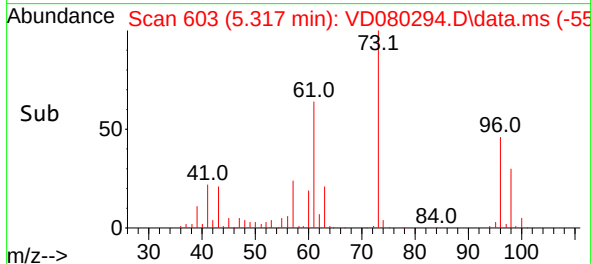
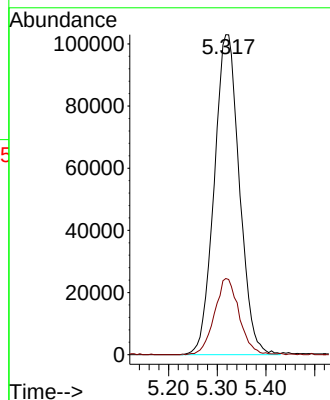
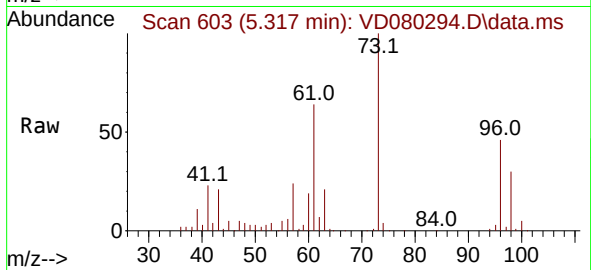




#19
Methyl tert-butyl Ether
Concen: 105.651 ug/l
RT: 5.317 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD080294.D
Acq: 06 May 2025 15:19

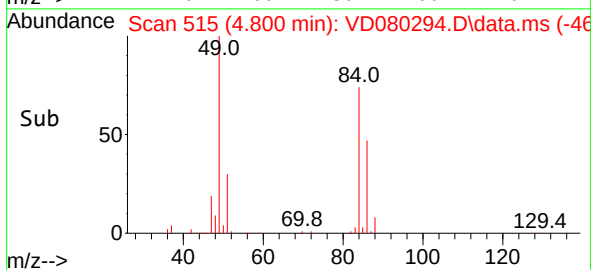
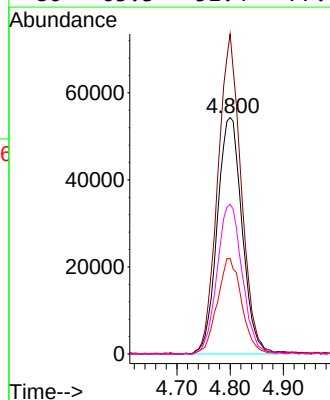
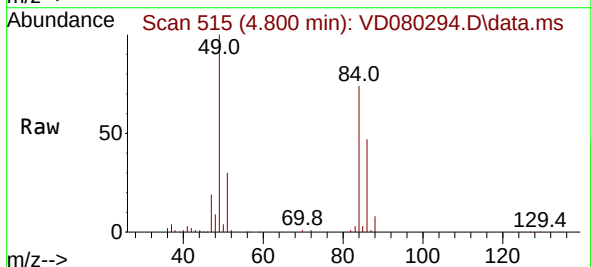
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

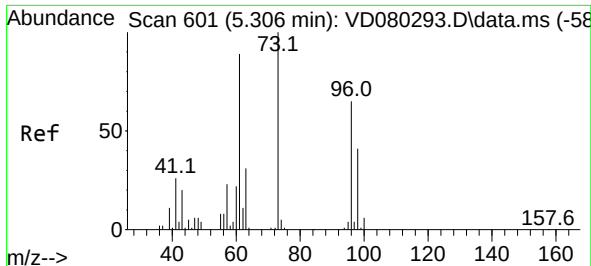
Tgt Ion: 73 Resp: 370328
Ion Ratio Lower Upper
73 100
57 23.8 17.5 26.3



#20
Methylene Chloride
Concen: 100.348 ug/l
RT: 4.800 min Scan# 515
Delta R.T. -0.000 min
Lab File: VD080294.D
Acq: 06 May 2025 15:19

Tgt Ion: 84 Resp: 175604
Ion Ratio Lower Upper
84 100
49 135.3 98.7 148.1
51 40.3 30.8 46.2
86 63.3 51.4 77.0

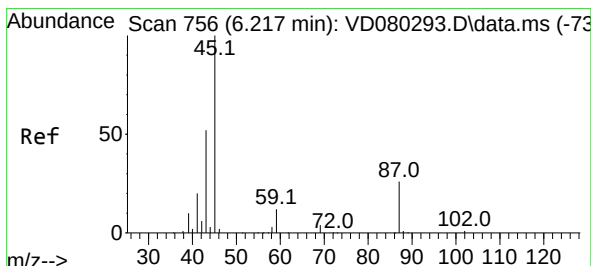
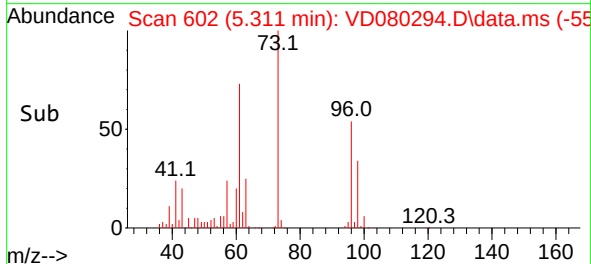
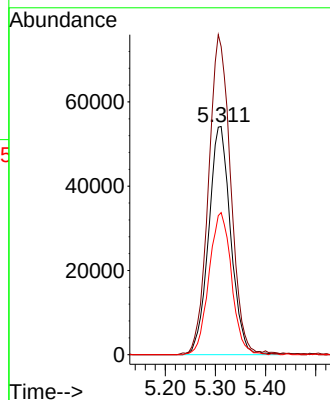
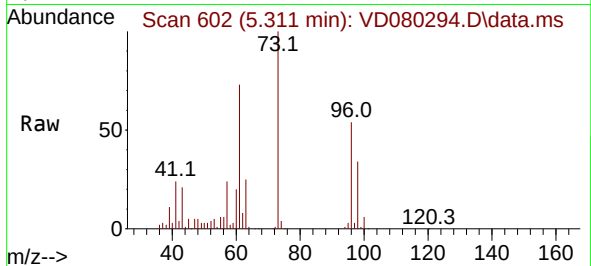




#21
trans-1,2-Dichloroethene
Concen: 95.579 ug/l
RT: 5.311 min Scan# 601
Delta R.T. 0.006 min
Lab File: VD080294.D
Acq: 06 May 2025 15:19

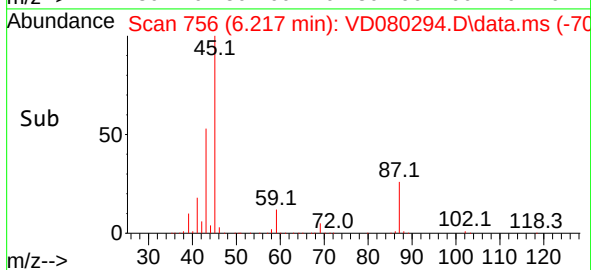
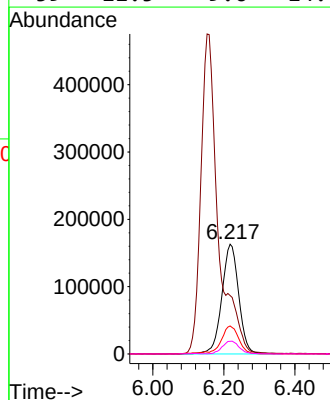
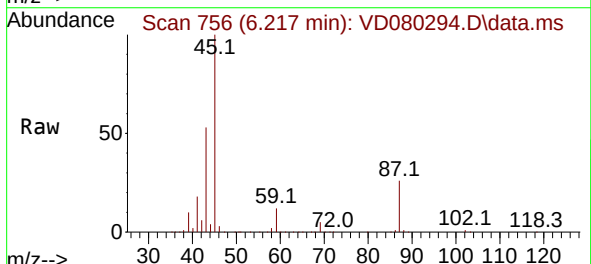
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MSVOA_D
ClientSampleId :
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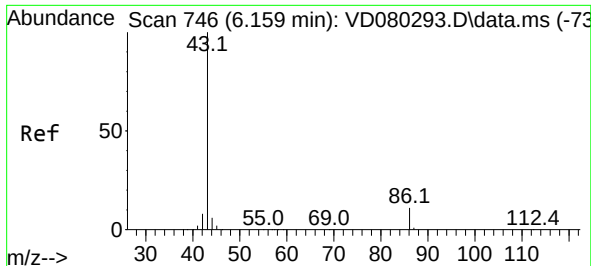
Tgt Ion: 96 Resp: 165671
Ion Ratio Lower Upper
96 100
61 134.6 109.9 164.9
98 62.3 50.6 75.8



#22
Diisopropyl ether
Concen: 103.866 ug/l
RT: 6.217 min Scan# 756
Delta R.T. -0.000 min
Lab File: VD080294.D
Acq: 06 May 2025 15:19

Tgt Ion: 45 Resp: 536894
Ion Ratio Lower Upper
45 100
43 53.1 42.5 63.7
87 25.5 21.4 32.0
59 11.5 9.6 14.4

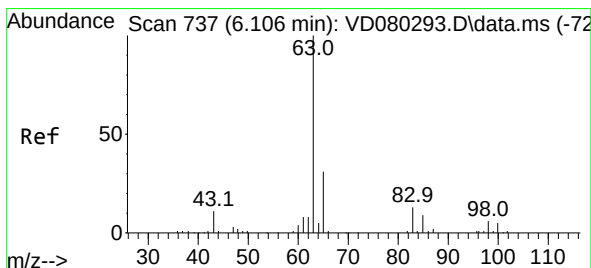
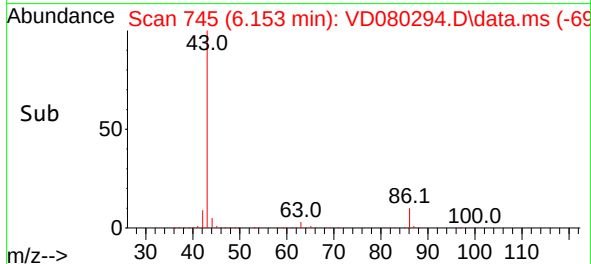
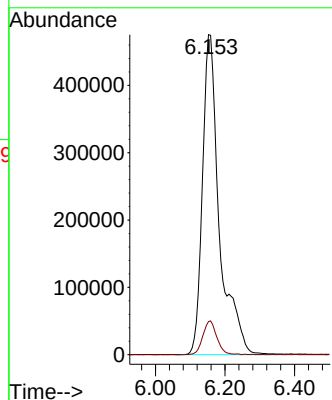
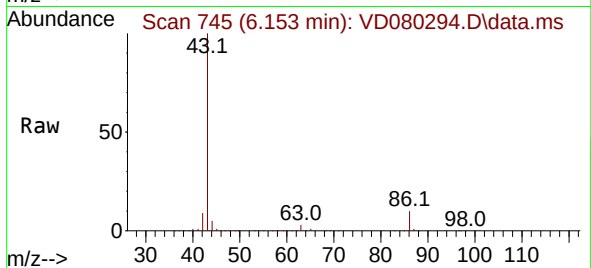




#23
 Vinyl Acetate
 Concen: 534.453 ug/l
 RT: 6.153 min Scan# 746
 Delta R.T. -0.006 min
 Lab File: VD080294.D
 Acq: 06 May 2025 15:19

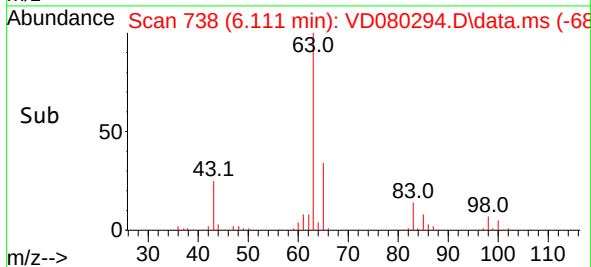
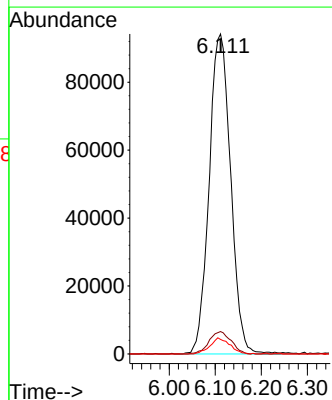
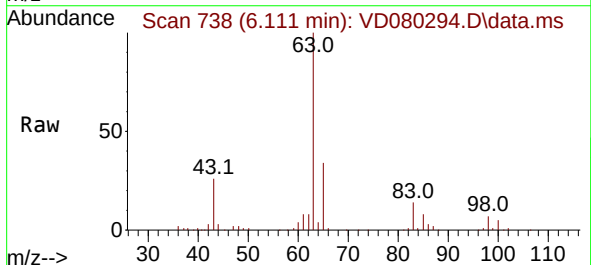
Instrument :
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 ClientSampleId :
 VSTDIC100

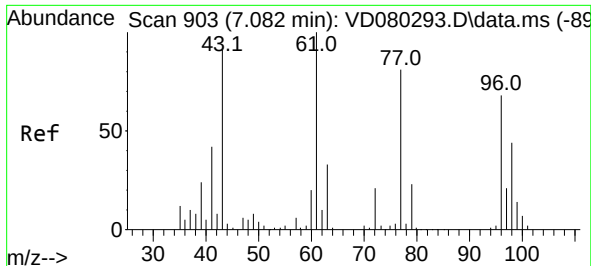
Tgt Ion: 43 Resp: 1609020
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 93.995 ug/l
 RT: 6.111 min Scan# 738
 Delta R.T. 0.006 min
 Lab File: VD080294.D
 Acq: 06 May 2025 15:19

Tgt Ion: 63 Resp: 305739
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.1 9.3
 100 4.6 2.3 6.9

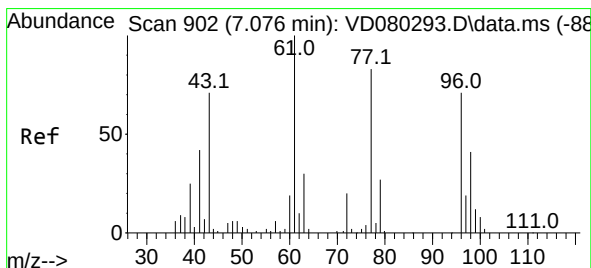
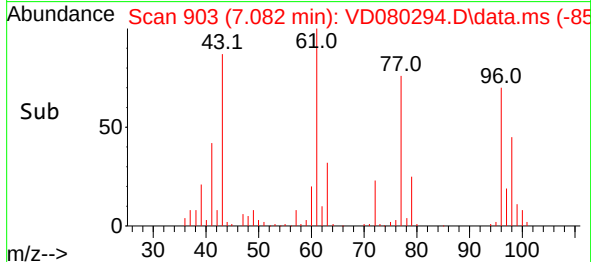
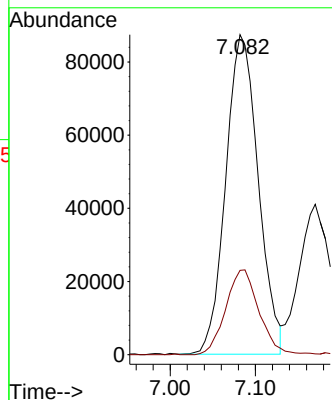
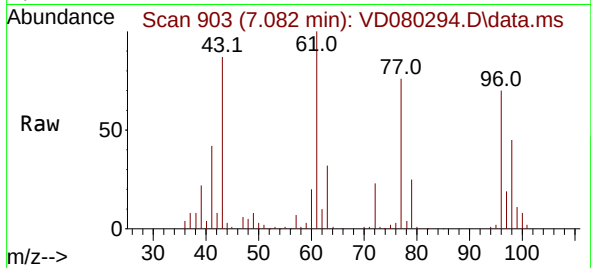




#25
2-Butanone
Concen: 494.218 ug/l
RT: 7.082 min Scan# 903
Delta R.T. -0.000 min
Lab File: VD080294.D
Acq: 06 May 2025 15:19

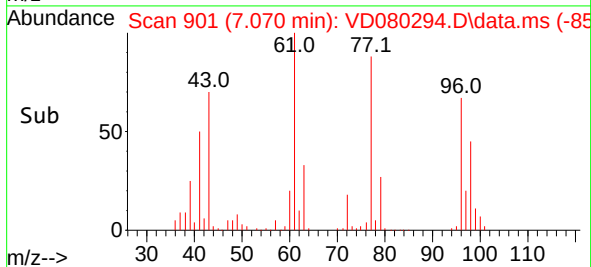
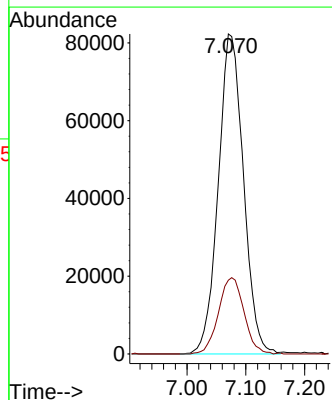
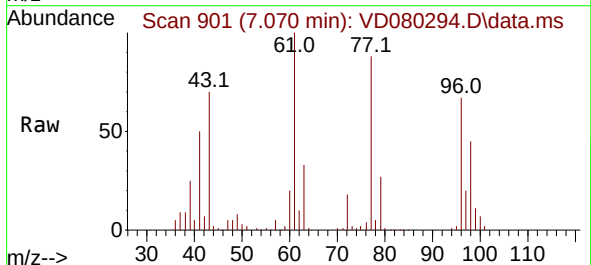
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ClientSampleId :
VSTDIC100

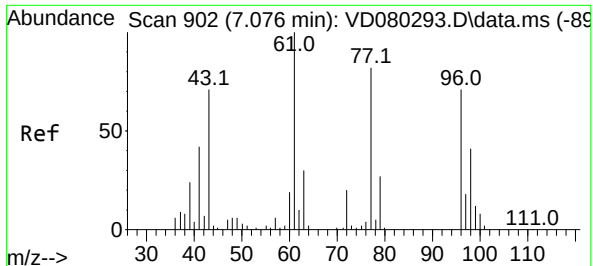
Tgt Ion: 43 Resp: 231714
Ion Ratio Lower Upper
43 100
72 26.4 19.0 28.4



#26
2,2-Dichloropropane
Concen: 94.573 ug/l
RT: 7.070 min Scan# 901
Delta R.T. -0.006 min
Lab File: VD080294.D
Acq: 06 May 2025 15:19

Tgt Ion: 77 Resp: 244780
Ion Ratio Lower Upper
77 100
97 24.2 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 101.334 ug/l

RT: 7.076 min Scan# 902

Delta R.T. -0.000 min

Lab File: VD080294.D

Acq: 06 May 2025 15:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

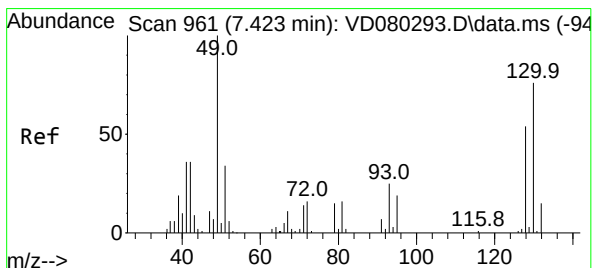
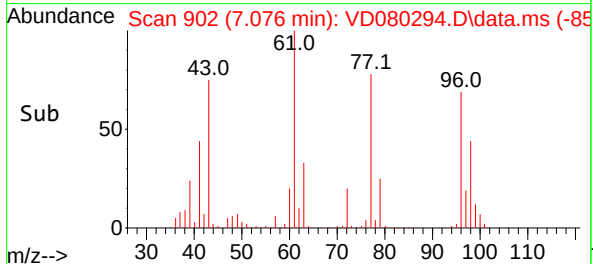
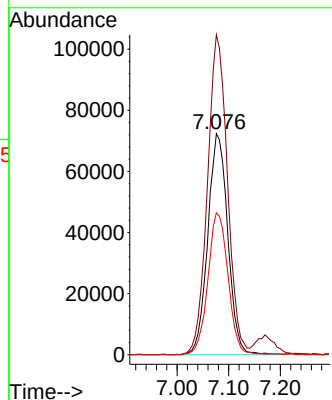
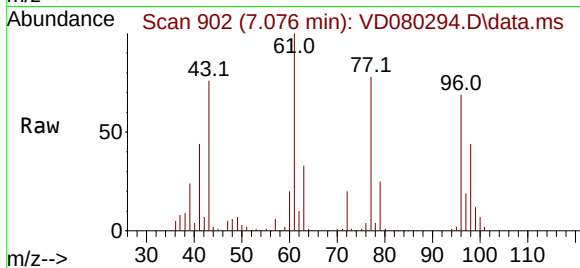
Tgt Ion: 96 Resp: 194602

Ion Ratio Lower Upper

96 100

61 144.8 0.0 293.8

98 64.5 0.0 128.8



#28

Bromochloromethane

Concen: 91.137 ug/l

RT: 7.423 min Scan# 961

Delta R.T. -0.000 min

Lab File: VD080294.D

Acq: 06 May 2025 15:19

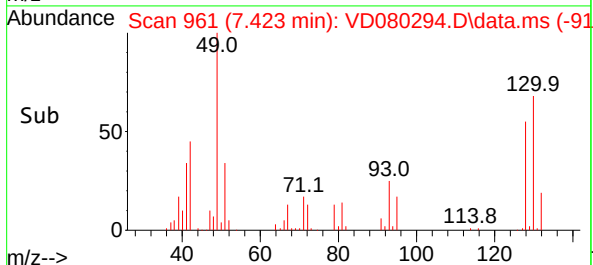
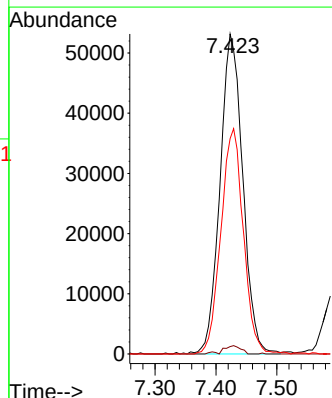
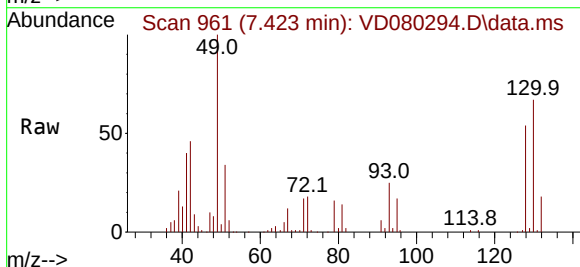
Tgt Ion: 49 Resp: 138026

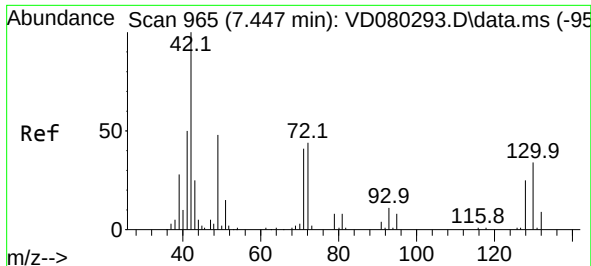
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

130 69.6 56.0 84.0





#29

Tetrahydrofuran

Concen: 519.128 ug/l

RT: 7.447 min Scan# 90

Delta R.T. -0.000 min

Lab File: VD080294.D

Acq: 06 May 2025 15:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

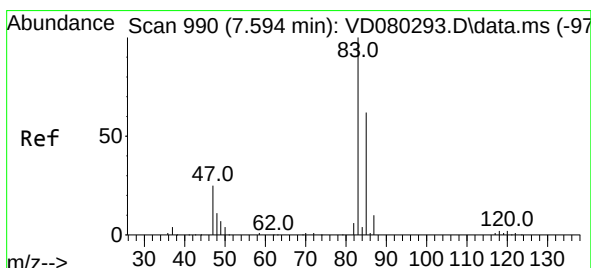
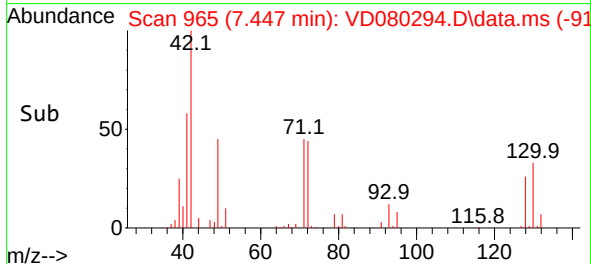
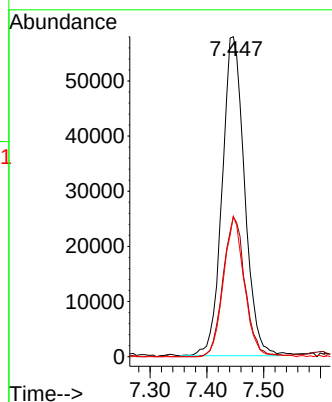
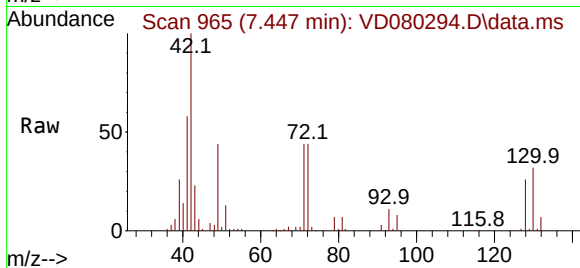
Tgt Ion: 42 Resp: 158696

Ion Ratio Lower Upper

42 100

72 43.1 32.8 49.2

71 41.0 33.8 50.6



#30

Chloroform

Concen: 94.527 ug/l

RT: 7.594 min Scan# 990

Delta R.T. -0.000 min

Lab File: VD080294.D

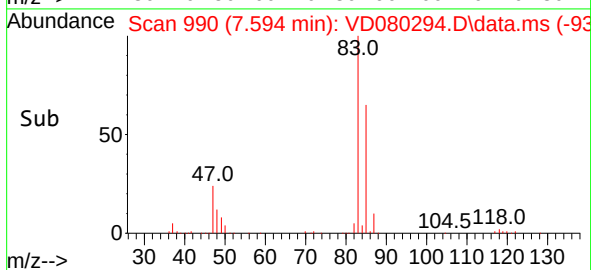
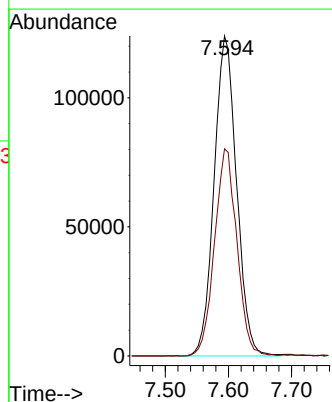
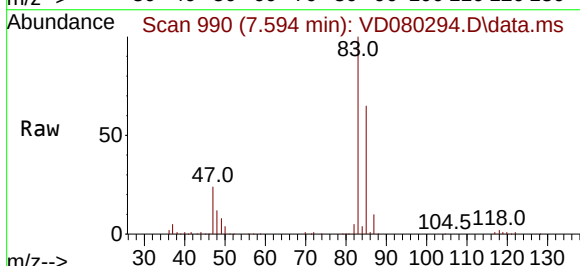
Acq: 06 May 2025 15:19

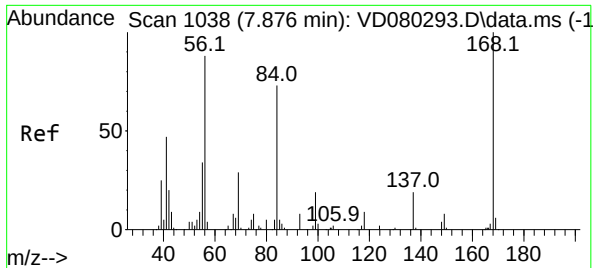
Tgt Ion: 83 Resp: 306617

Ion Ratio Lower Upper

83 100

85 64.7 50.0 75.0

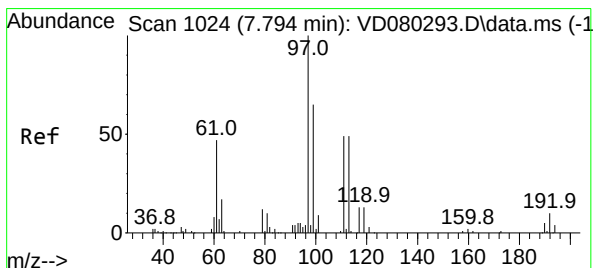
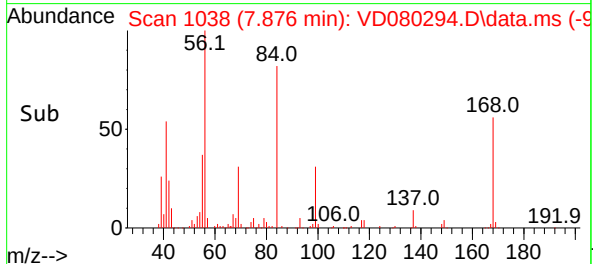
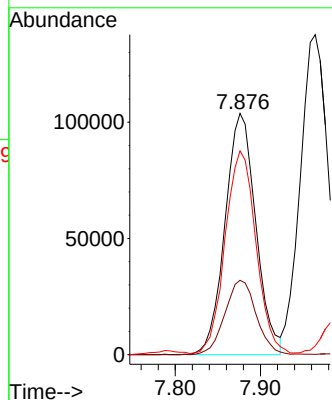
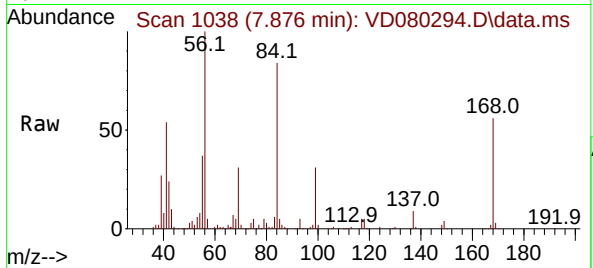




#31
Cyclohexane
Concen: 94.290 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VD080294.D
Acq: 06 May 2025 15:19

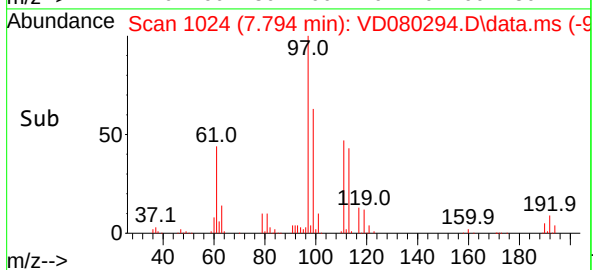
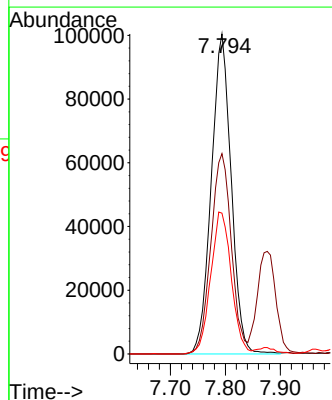
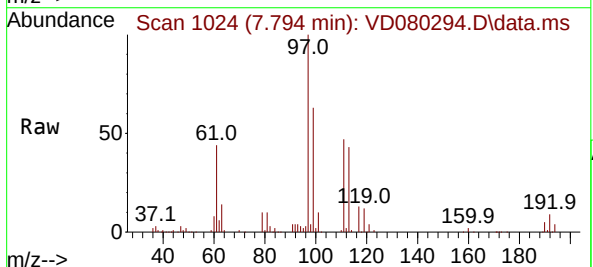
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

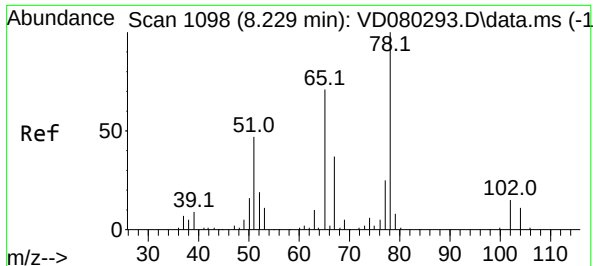
Tgt Ion: 56 Resp: 261031
Ion Ratio Lower Upper
56 100
69 30.8 26.1 39.1
84 83.5 66.5 99.7



#32
1,1,1-Trichloroethane
Concen: 95.466 ug/l
RT: 7.794 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VD080294.D
Acq: 06 May 2025 15:19

Tgt Ion: 97 Resp: 252641
Ion Ratio Lower Upper
97 100
99 64.6 52.4 78.6
61 46.0 37.9 56.9





#33

1,2-Dichloroethane-d4

Concen: 93.685 ug/l

RT: 8.229 min Scan# 1098

Delta R.T. -0.000 min

Lab File: VD080294.D

Acq: 06 May 2025 15:19

Instrument :

MSVOA_D

ClientSampleId :

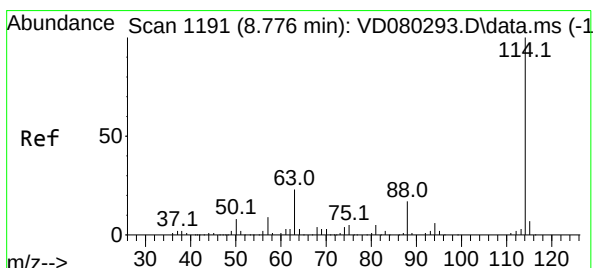
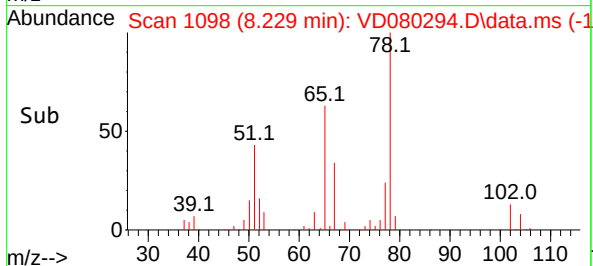
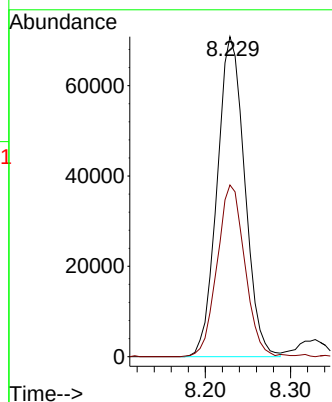
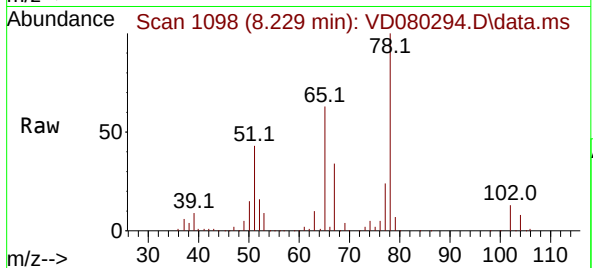
VSTDIC100

Tgt Ion: 65 Resp: 159640

Ion Ratio Lower Upper

65 100

67 54.0 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: VD080294.D

Acq: 06 May 2025 15:19

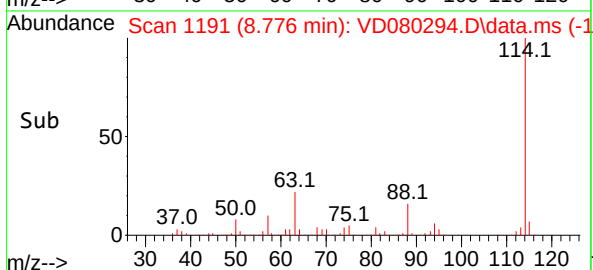
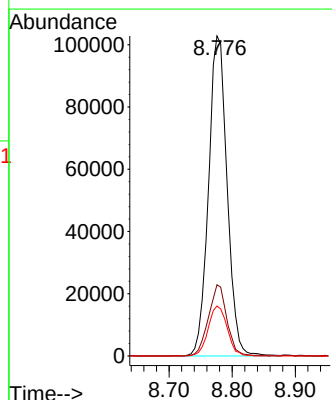
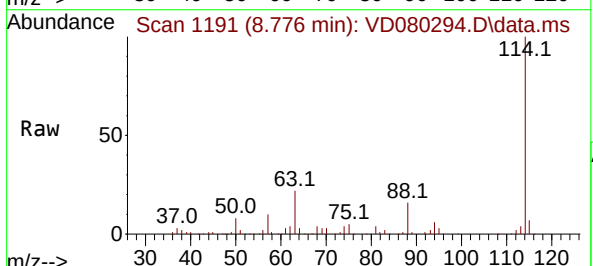
Tgt Ion: 114 Resp: 210502

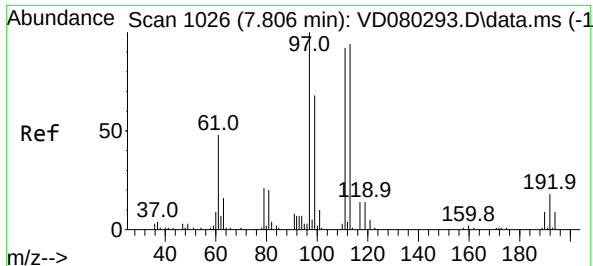
Ion Ratio Lower Upper

114 100

63 22.2 0.0 45.6

88 15.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 100.690 ug/l

RT: 7.805 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VD080294.D

Acq: 06 May 2025 15:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

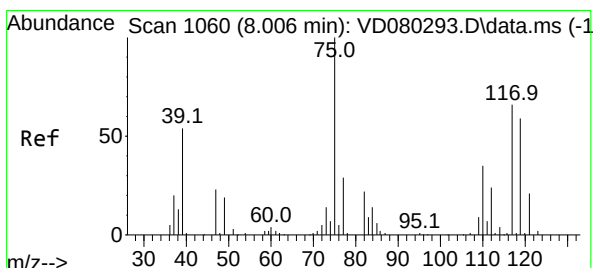
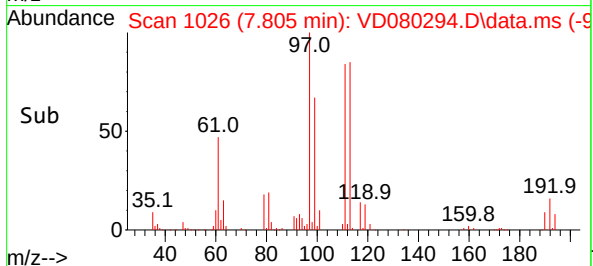
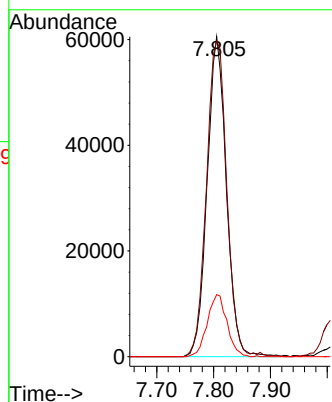
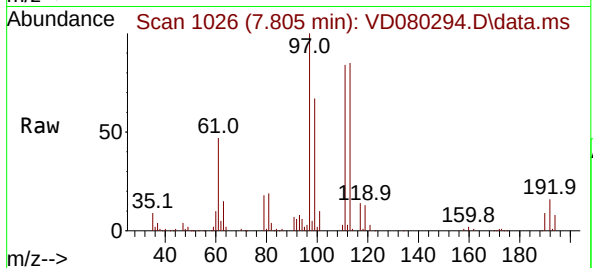
Tgt Ion:113 Resp: 142060

Ion Ratio Lower Upper

113 100

111 103.7 80.7 121.1

192 19.9 15.7 23.5



#36

1,1-Dichloropropene

Concen: 102.959 ug/l

RT: 8.005 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VD080294.D

Acq: 06 May 2025 15:19

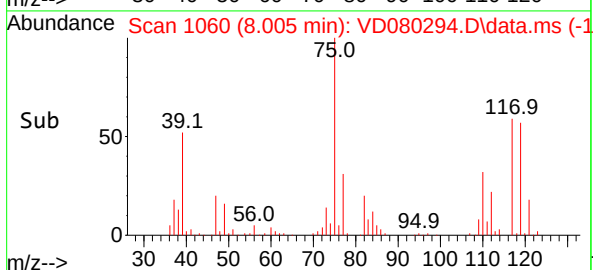
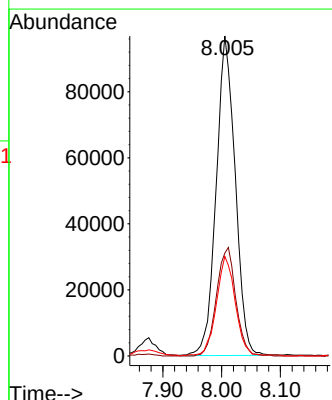
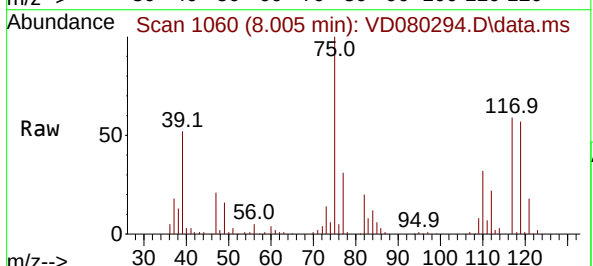
Tgt Ion: 75 Resp: 217097

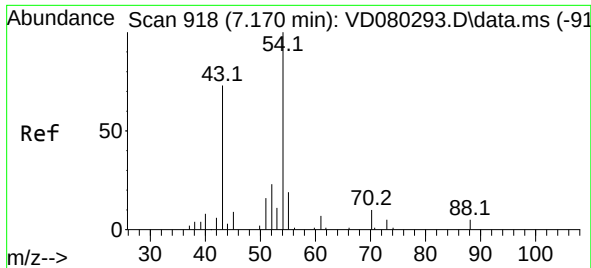
Ion Ratio Lower Upper

75 100

110 34.6 17.1 51.2

77 31.1 24.9 37.3





#37

Ethyl Acetate

Concen: 100.301 ug/l

RT: 7.170 min Scan# 918

Delta R.T. -0.000 min

Lab File: VD080294.D

Acq: 06 May 2025 15:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

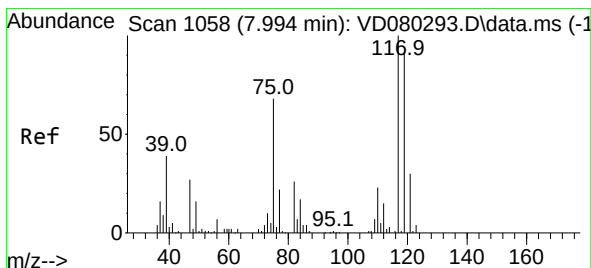
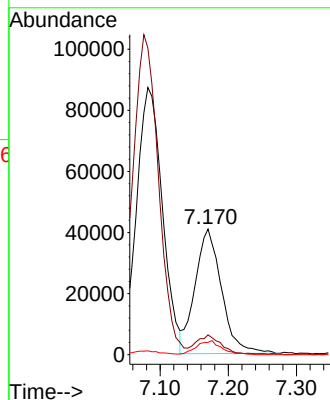
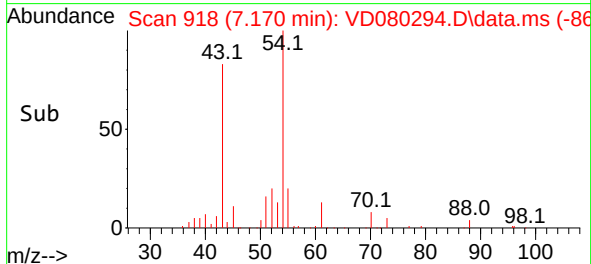
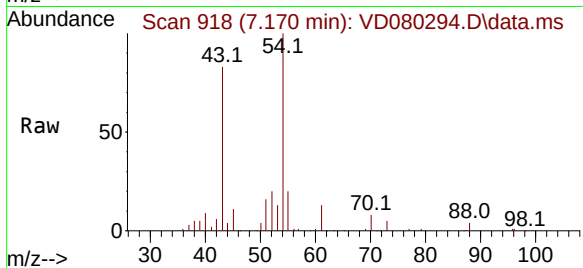
Tgt Ion: 43 Resp: 110302

Ion Ratio Lower Upper

43 100

61 14.3 12.2 18.4

70 10.5 8.7 13.1



#38

Carbon Tetrachloride

Concen: 98.123 ug/l

RT: 7.988 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD080294.D

Acq: 06 May 2025 15:19

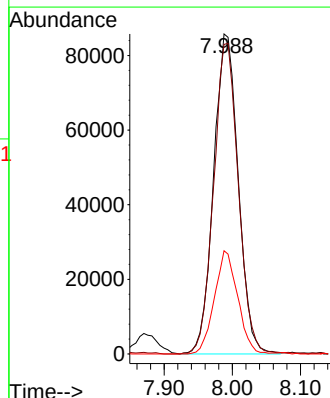
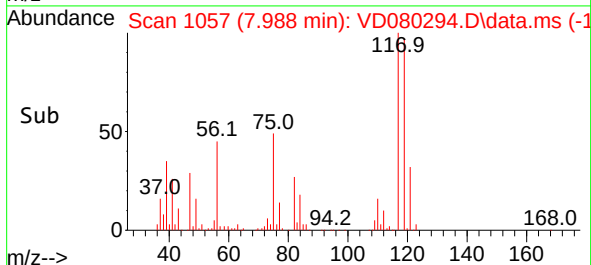
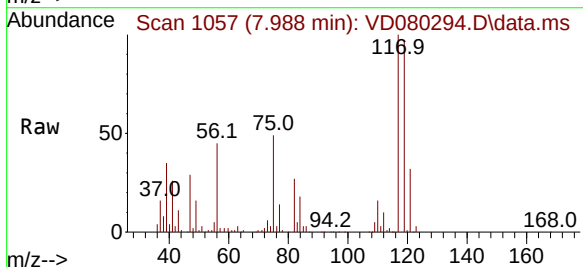
Tgt Ion: 117 Resp: 215775

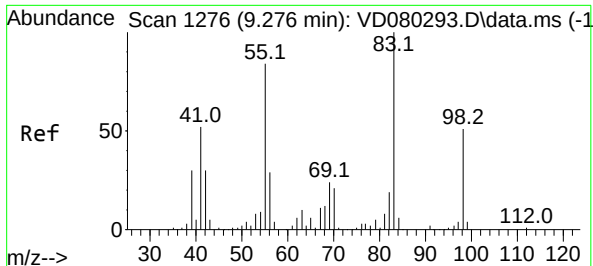
Ion Ratio Lower Upper

117 100

119 96.8 72.7 109.1

121 32.3 24.4 36.6





#39

Methylcyclohexane

Concen: 109.496 ug/l

RT: 9.270 min Scan# 1102

Delta R.T. -0.006 min

Lab File: VD080294.D

Acq: 06 May 2025 15:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

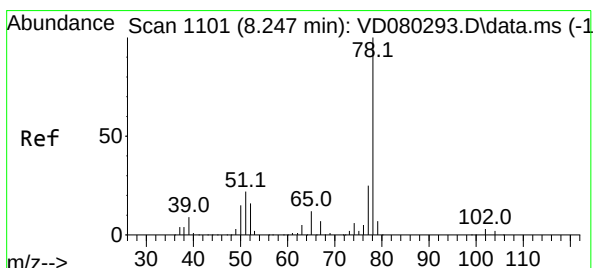
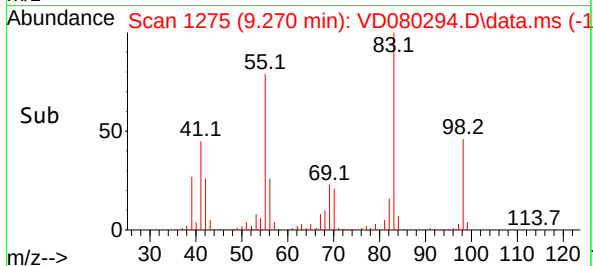
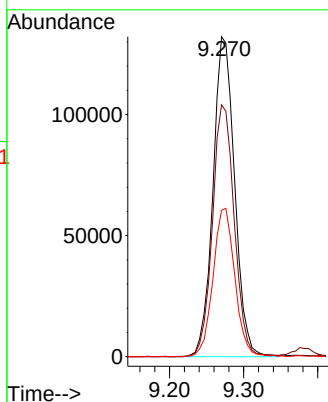
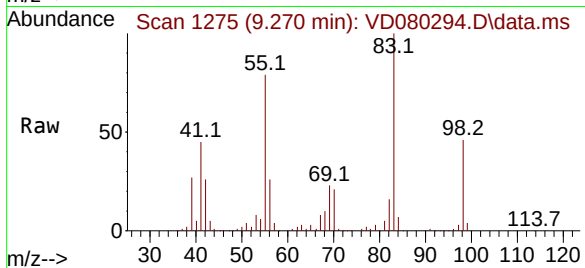
Tgt Ion: 83 Resp: 267910

Ion Ratio Lower Upper

83 100

55 78.6 67.4 101.2

98 45.8 40.6 61.0



#40

Benzene

Concen: 102.680 ug/l

RT: 8.252 min Scan# 1102

Delta R.T. 0.006 min

Lab File: VD080294.D

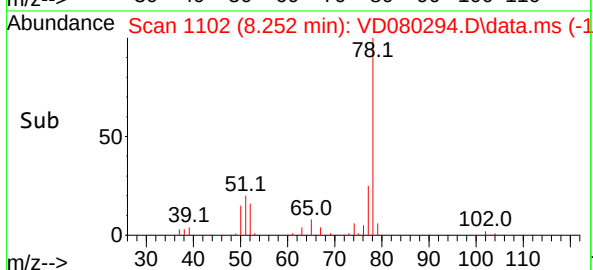
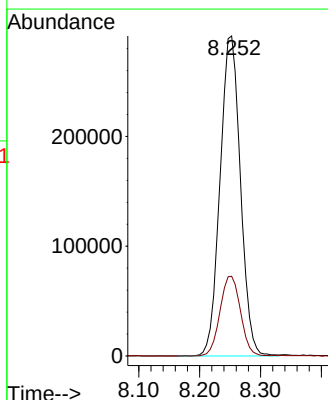
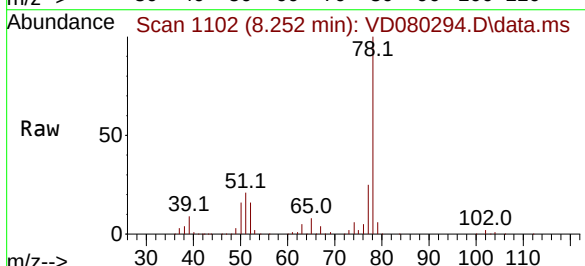
Acq: 06 May 2025 15:19

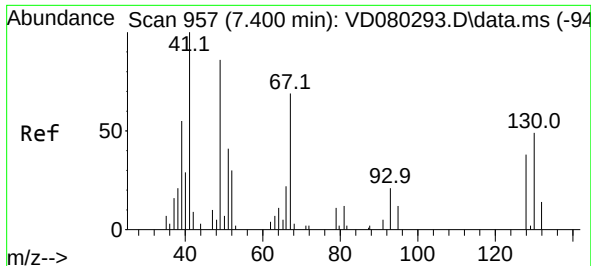
Tgt Ion: 78 Resp: 678390

Ion Ratio Lower Upper

78 100

77 24.9 19.8 29.8



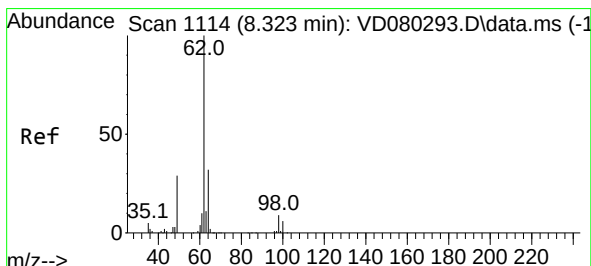
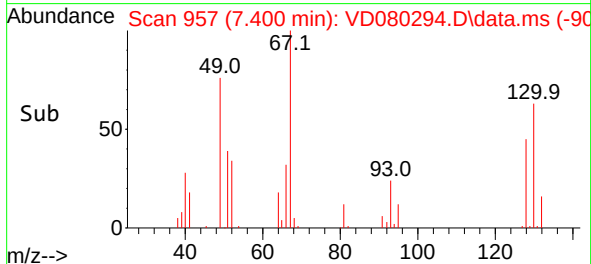
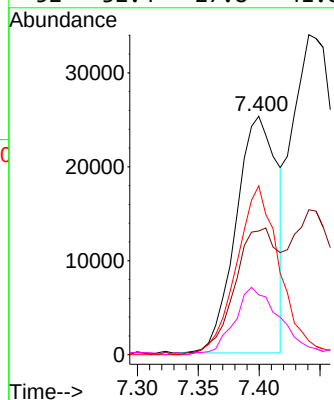
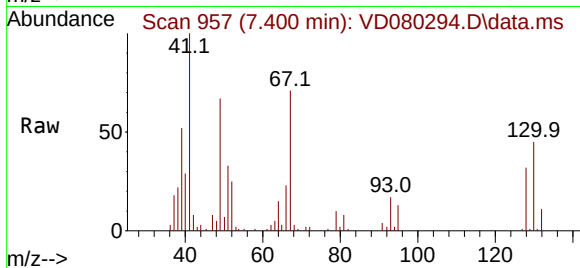


#41
Methacrylonitrile
Concen: 97.466 ug/l
RT: 7.400 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD080294.D
Acq: 06 May 2025 15:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion: 41 Resp: 59471

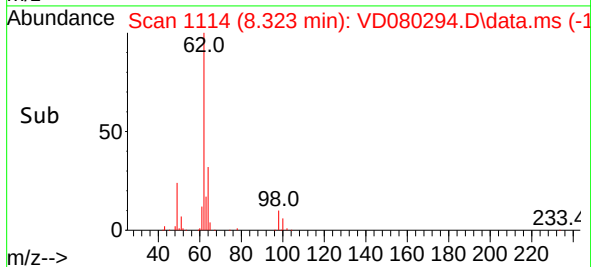
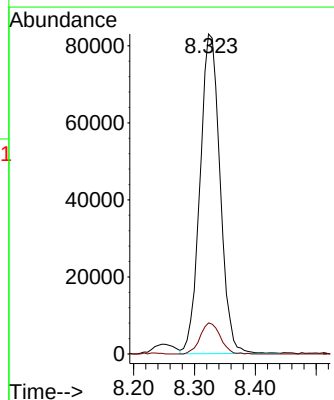
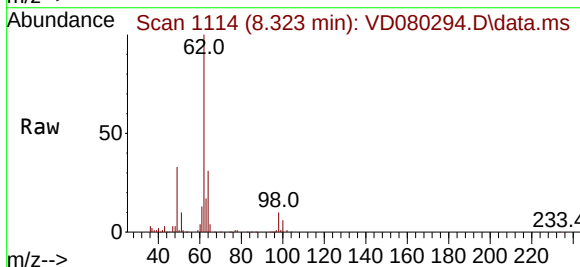
Ion	Ratio	Lower	Upper
41	100		
39	56.2	44.4	66.6
67	75.1	57.1	85.7
52	32.4	27.8	41.8

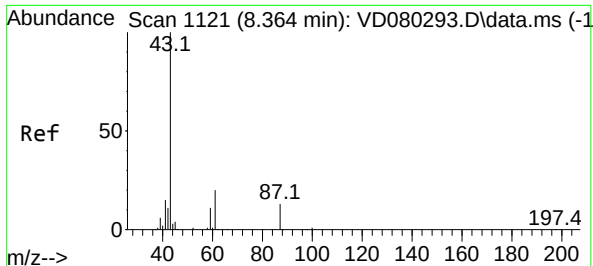


#42
1,2-Dichloroethane
Concen: 98.854 ug/l
RT: 8.323 min Scan# 1114
Delta R.T. -0.000 min
Lab File: VD080294.D
Acq: 06 May 2025 15:19

Tgt Ion: 62 Resp: 189251

Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	20.2





#43

Isopropyl Acetate

Concen: 105.251 ug/l

RT: 8.358 min Scan# 1120

Delta R.T. -0.006 min

Lab File: VD080294.D

Acq: 06 May 2025 15:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

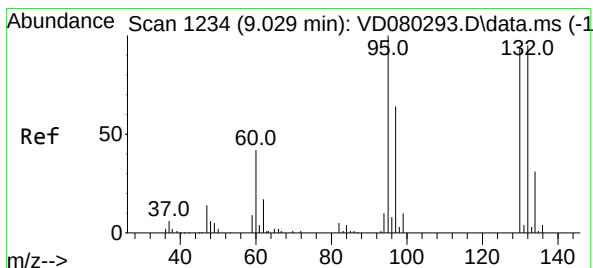
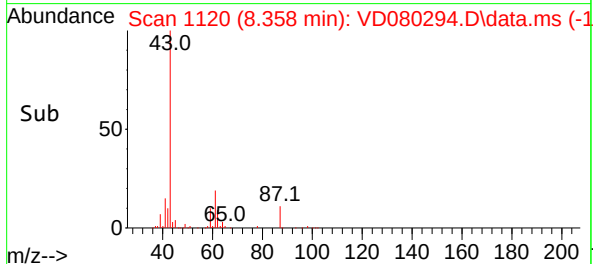
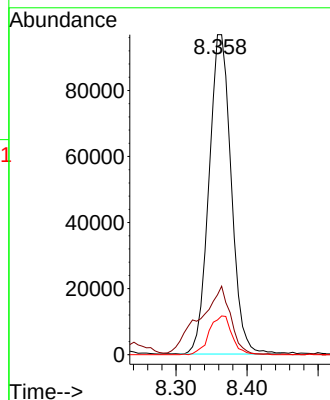
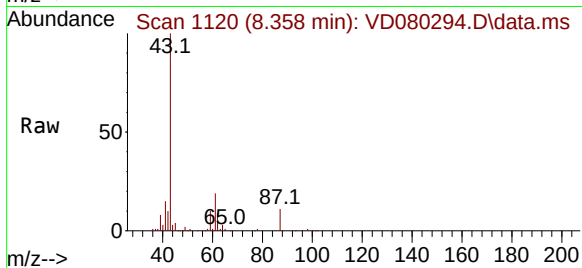
Tgt Ion: 43 Resp: 210438

Ion Ratio Lower Upper

43 100

61 29.7 16.7 25.1#

87 12.5 10.4 15.6



#44

Trichloroethene

Concen: 101.044 ug/l

RT: 9.029 min Scan# 1234

Delta R.T. -0.000 min

Lab File: VD080294.D

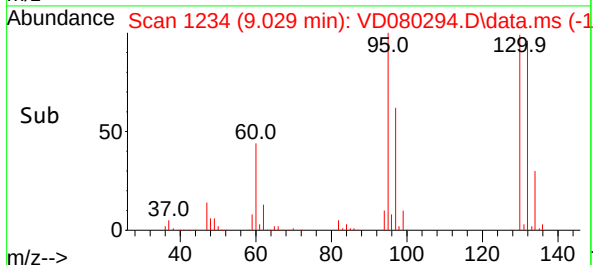
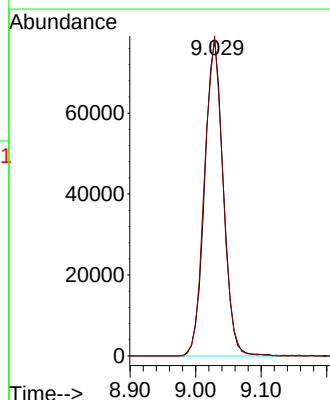
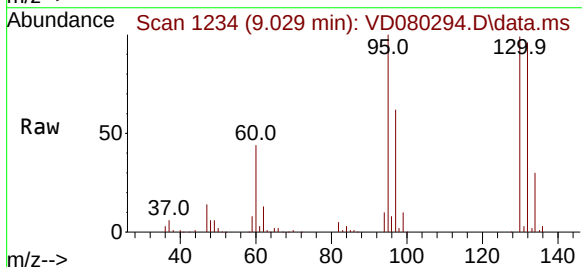
Acq: 06 May 2025 15:19

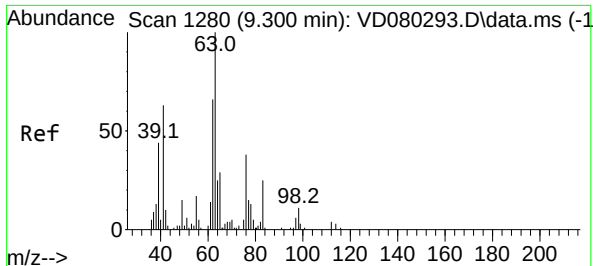
Tgt Ion:130 Resp: 154966

Ion Ratio Lower Upper

130 100

95 101.2 0.0 212.2





#45

1,2-Dichloropropane

Concen: 102.434 ug/l

RT: 9.305 min Scan# 1281

Delta R.T. 0.006 min

Lab File: VD080294.D

Acq: 06 May 2025 15:19

Instrument :

MSVOA_D

ClientSampleId :

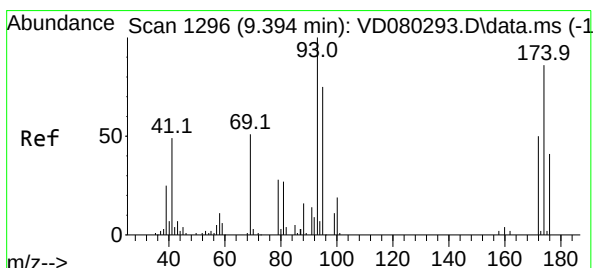
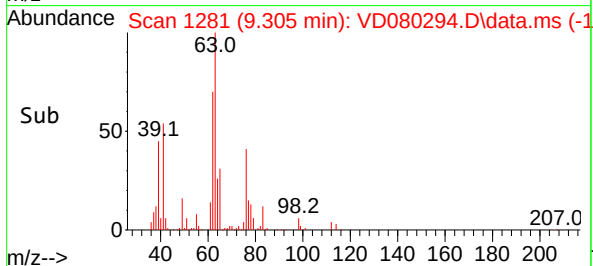
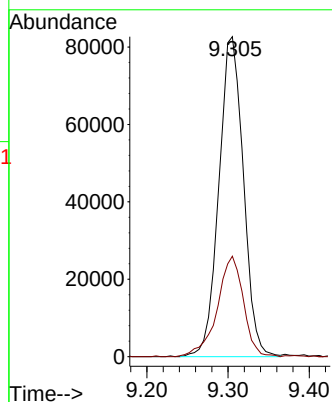
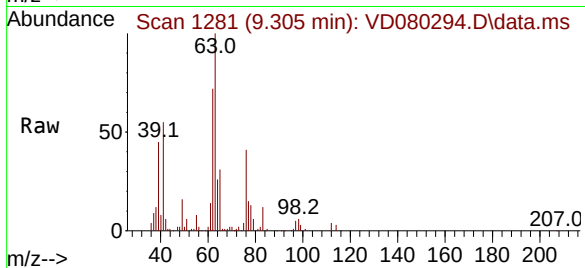
VSTDICC100

Tgt Ion: 63 Resp: 173568

Ion Ratio Lower Upper

63 100

65 31.4 22.9 34.3



#46

Dibromomethane

Concen: 100.900 ug/l

RT: 9.394 min Scan# 1296

Delta R.T. -0.000 min

Lab File: VD080294.D

Acq: 06 May 2025 15:19

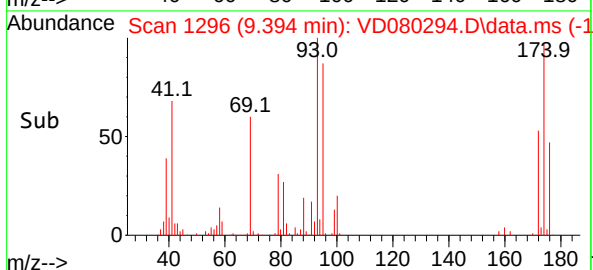
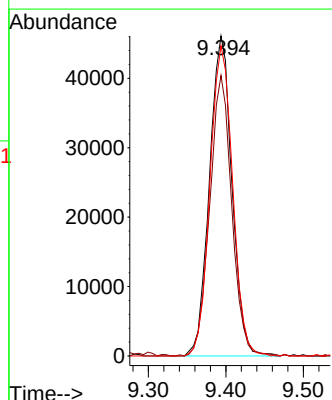
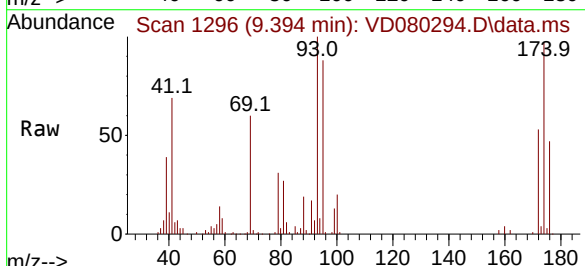
Tgt Ion: 93 Resp: 93085

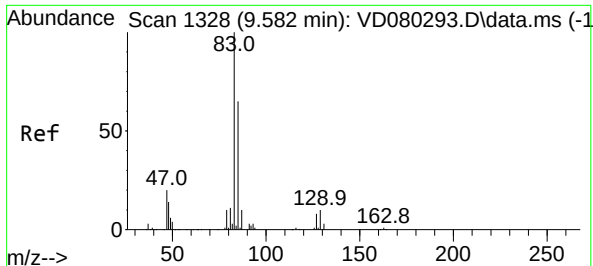
Ion Ratio Lower Upper

93 100

95 85.7 67.3 100.9

174 97.3 75.5 113.3





#47

Bromodichloromethane

Concen: 102.070 ug/l

RT: 9.582 min Scan# 1328

Delta R.T. -0.000 min

Lab File: VD080294.D

Acq: 06 May 2025 15:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

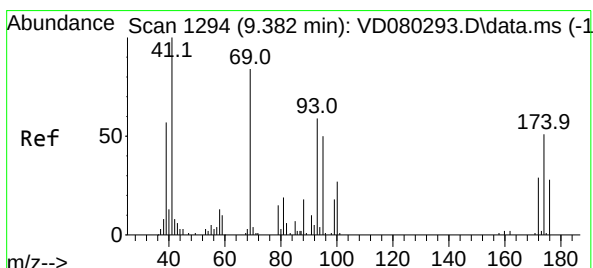
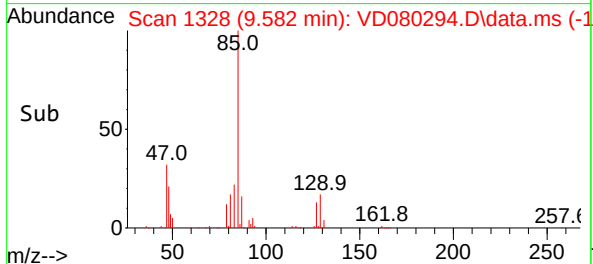
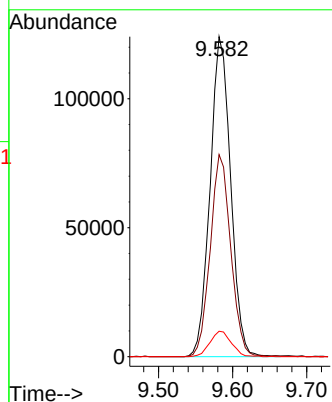
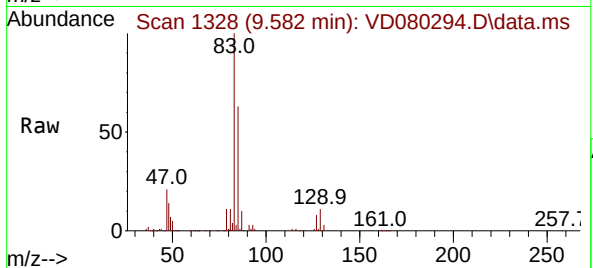
Tgt Ion: 83 Resp: 239004

Ion Ratio Lower Upper

83 100

85 63.2 51.7 77.5

127 7.9 6.6 9.8



#48

Methyl methacrylate

Concen: 110.554 ug/l

RT: 9.382 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VD080294.D

Acq: 06 May 2025 15:19

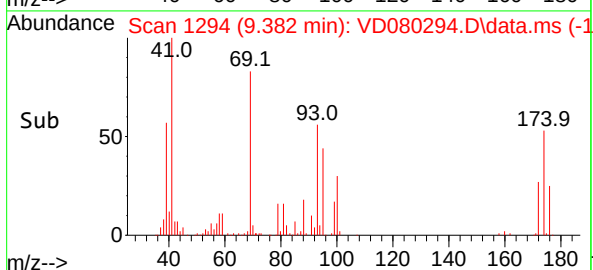
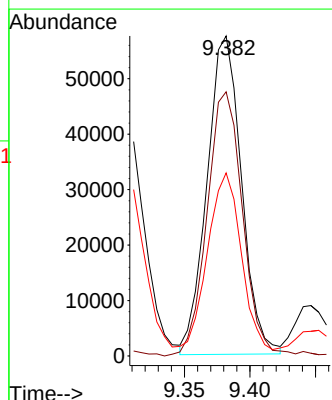
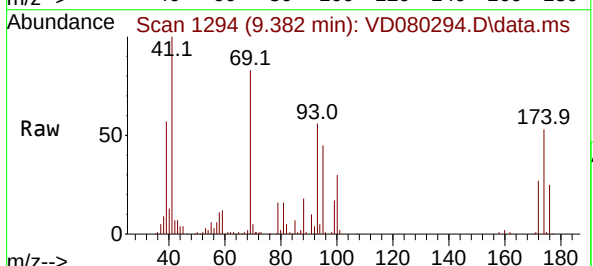
Tgt Ion: 41 Resp: 105026

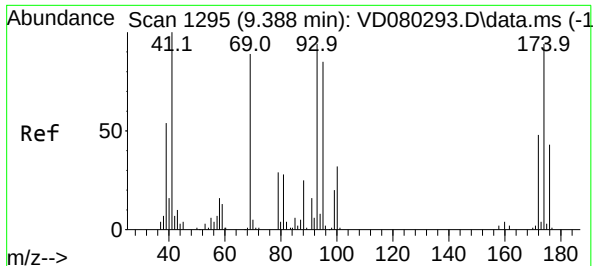
Ion Ratio Lower Upper

41 100

69 85.2 67.8 101.8

39 53.8 47.5 71.3





#49

1,4-Dioxane

Concen: 2168.170 ug/l

RT: 9.382 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD080294.D

Acq: 06 May 2025 15:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

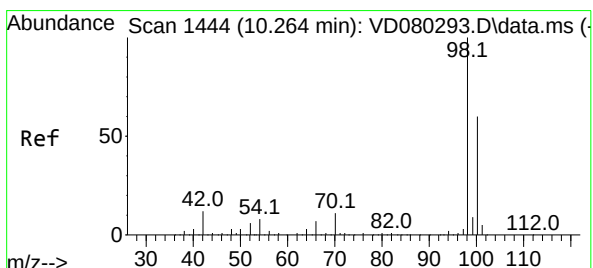
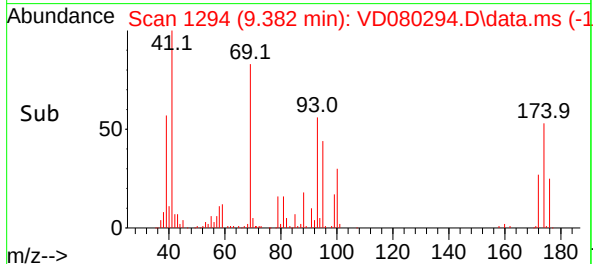
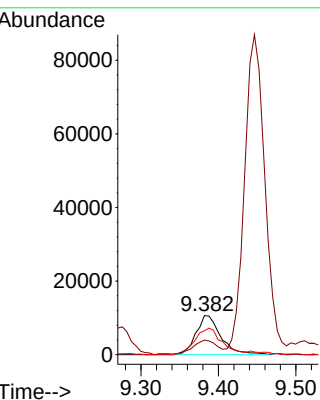
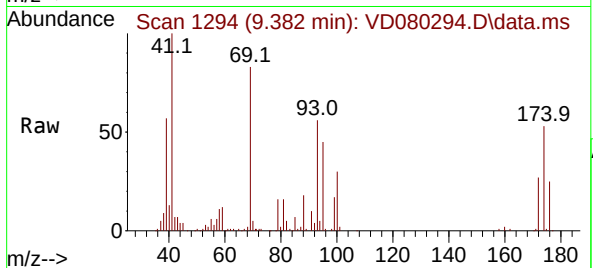
Tgt Ion: 88 Resp: 23781

Ion Ratio Lower Upper

88 100

43 32.6 31.4 47.2

58 71.9 61.8 92.6



#50

Toluene-d8

Concen: 106.723 ug/l

RT: 10.270 min Scan# 1445

Delta R.T. 0.006 min

Lab File: VD080294.D

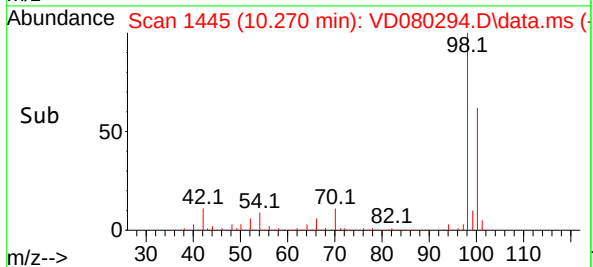
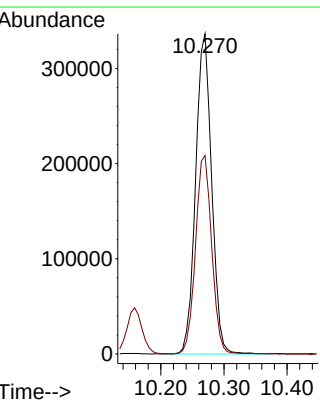
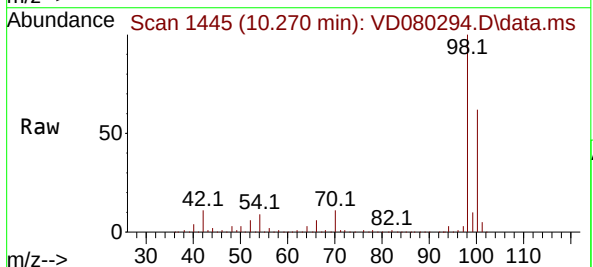
Acq: 06 May 2025 15:19

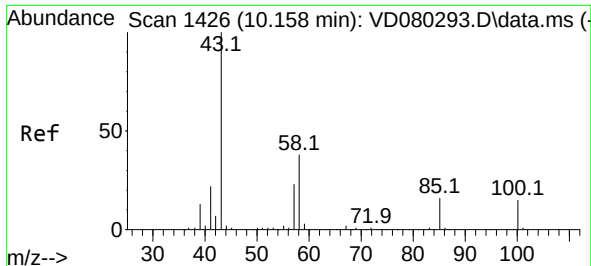
Tgt Ion: 98 Resp: 593271

Ion Ratio Lower Upper

98 100

100 62.7 50.0 75.0

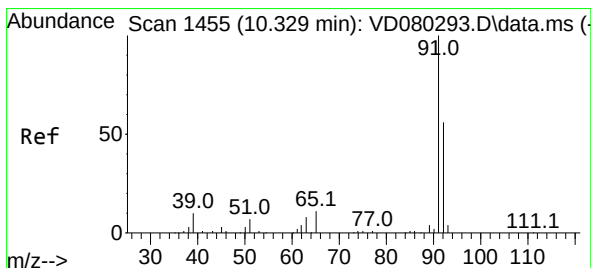
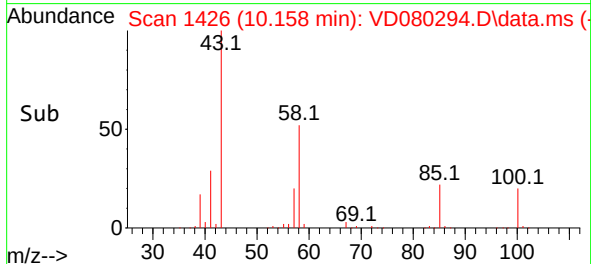
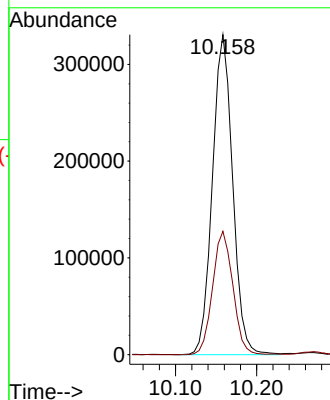
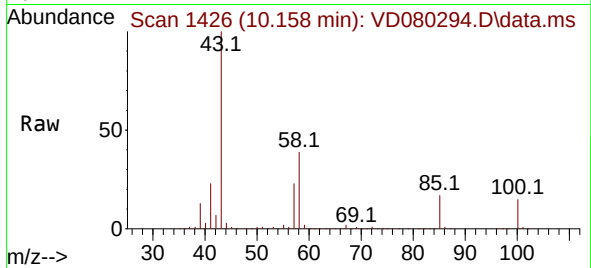




#51
4-Methyl-2-Pentanone
Concen: 556.850 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VD080294.D
Acq: 06 May 2025 15:19

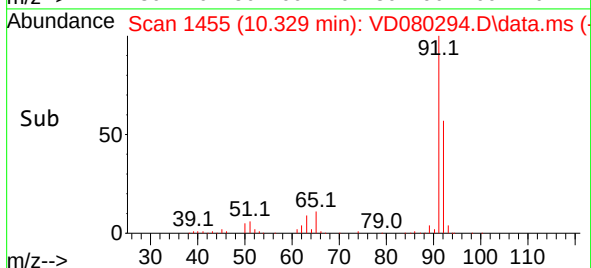
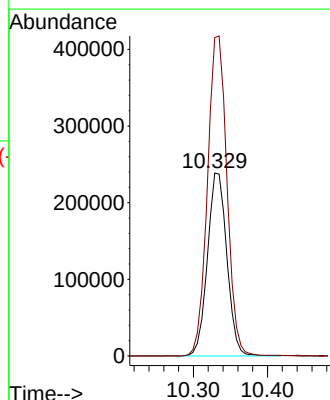
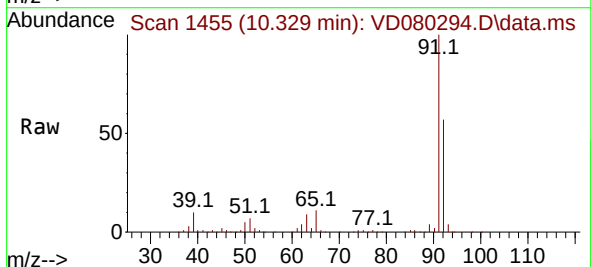
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

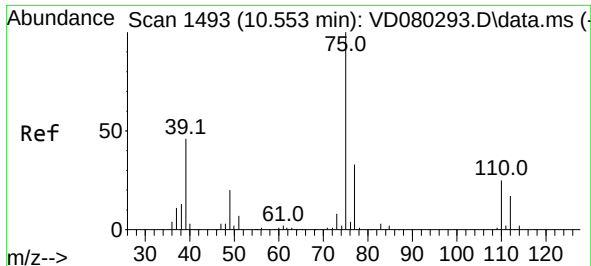
Tgt Ion: 43 Resp: 573658
Ion Ratio Lower Upper
43 100
58 38.6 30.6 46.0



#52
Toluene
Concen: 109.088 ug/l
RT: 10.329 min Scan# 1455
Delta R.T. -0.000 min
Lab File: VD080294.D
Acq: 06 May 2025 15:19

Tgt Ion: 92 Resp: 434203
Ion Ratio Lower Upper
92 100
91 175.9 143.4 215.2

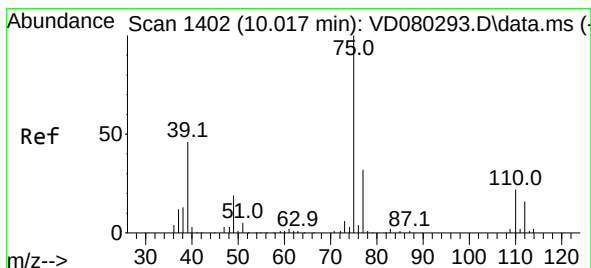
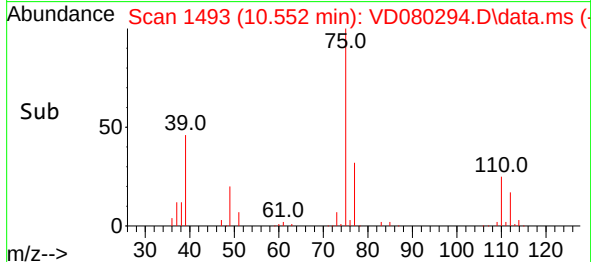
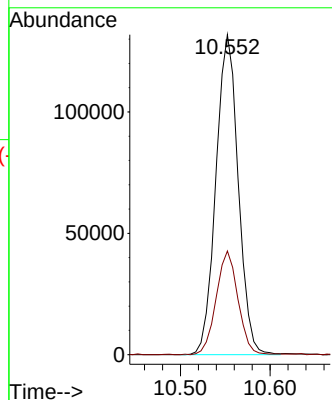
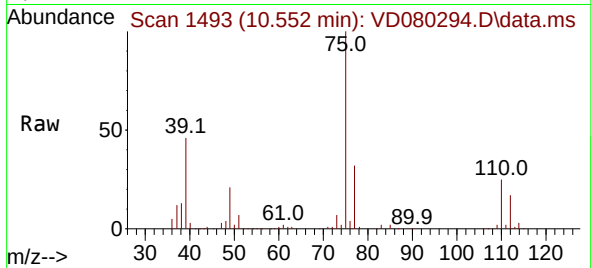




#53
 t-1,3-Dichloropropene
 Concen: 106.672 ug/l
 RT: 10.552 min Scan# 1493
 Delta R.T. -0.000 min
 Lab File: VD080294.D
 Acq: 06 May 2025 15:19

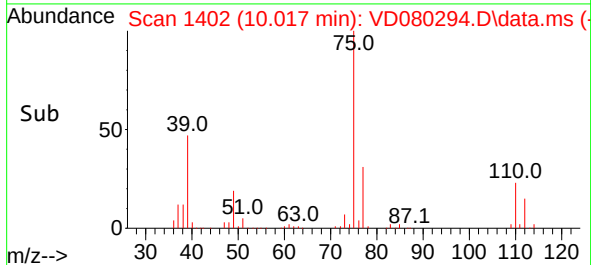
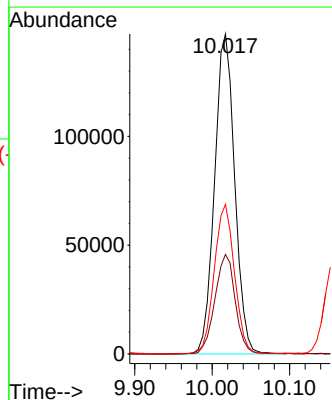
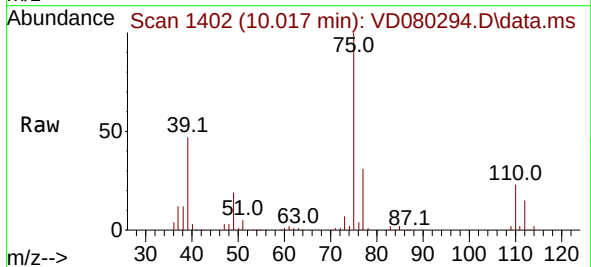
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

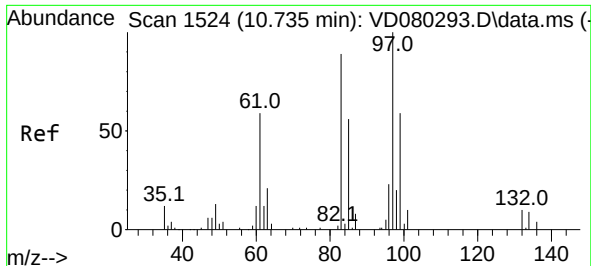
Tgt Ion: 75 Resp: 227709
 Ion Ratio Lower Upper
 75 100
 77 32.4 26.0 39.0



#54
 cis-1,3-Dichloropropene
 Concen: 107.247 ug/l
 RT: 10.017 min Scan# 1402
 Delta R.T. -0.000 min
 Lab File: VD080294.D
 Acq: 06 May 2025 15:19

Tgt Ion: 75 Resp: 265293
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.8 38.6
 39 46.6 37.0 55.6

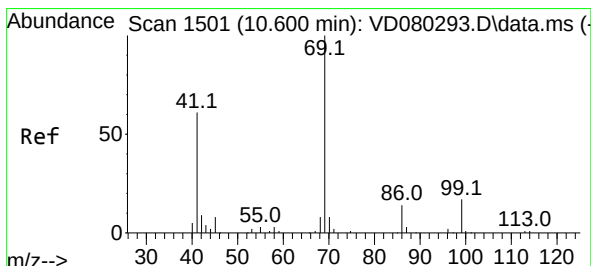
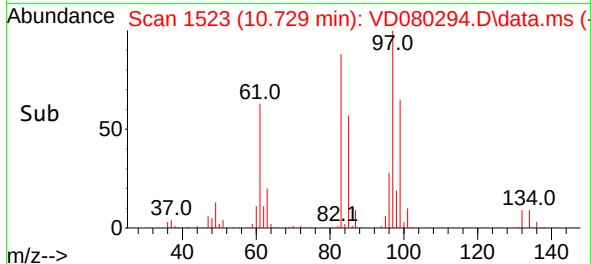
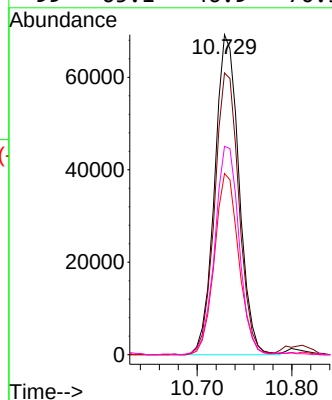
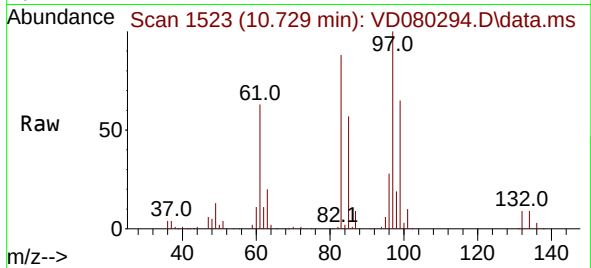




#55
1,1,2-Trichloroethane
Concen: 101.280 ug/l
RT: 10.729 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD080294.D
Acq: 06 May 2025 15:19

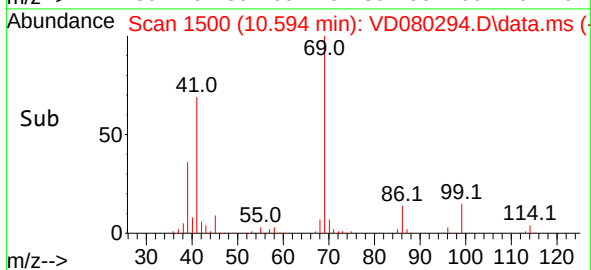
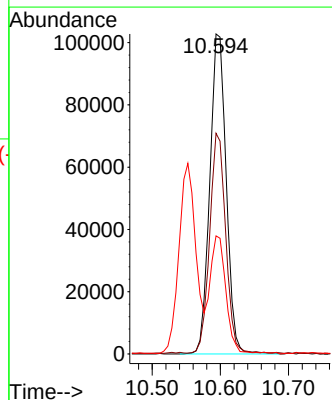
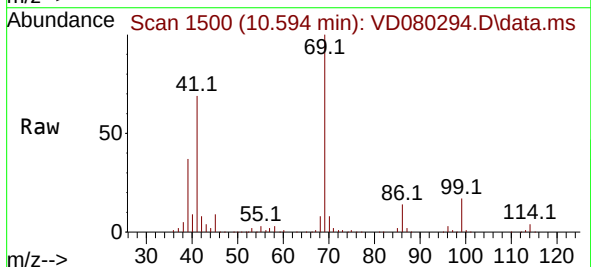
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

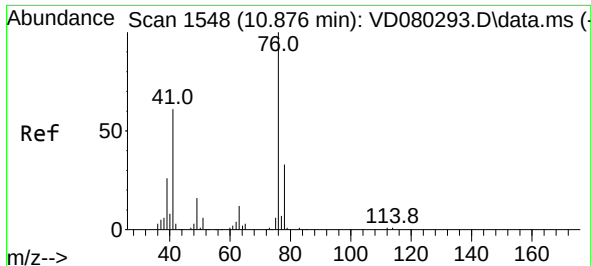
Tgt Ion:	97	Resp:	123593
Ion	Ratio	Lower	Upper
97	100		
83	88.1	71.0	106.4
85	56.6	44.9	67.3
99	65.1	46.9	70.3



#56
Ethyl methacrylate
Concen: 116.611 ug/l
RT: 10.594 min Scan# 1500
Delta R.T. -0.006 min
Lab File: VD080294.D
Acq: 06 May 2025 15:19

Tgt Ion:	69	Resp:	172432
Ion	Ratio	Lower	Upper
69	100		
41	66.9	53.2	79.8
39	34.9	28.2	42.2





#57

1,3-Dichloropropane

Concen: 106.345 ug/l

RT: 10.876 min Scan# 1548

Delta R.T. -0.000 min

Lab File: VD080294.D

Acq: 06 May 2025 15:19

Instrument :

MSVOA_D

ClientSampleId :

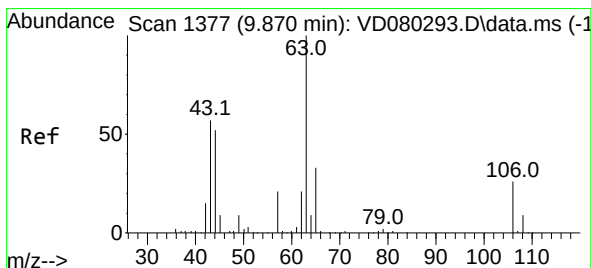
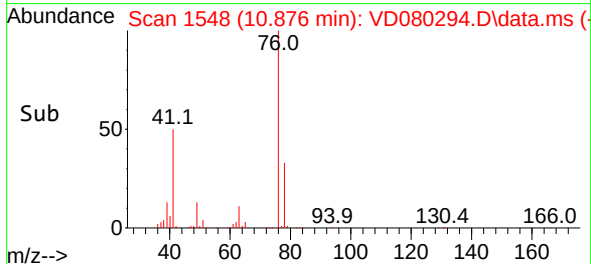
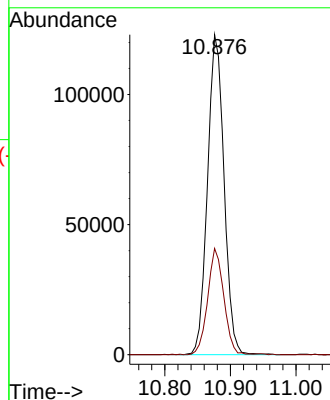
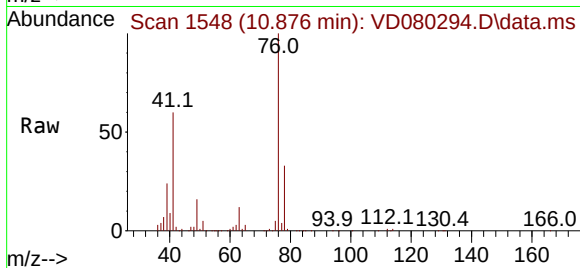
VSTDIC100

Tgt Ion: 76 Resp: 215680

Ion Ratio Lower Upper

76 100

78 32.4 27.2 40.8



#58

2-Chloroethyl Vinyl ether

Concen: 577.899 ug/l

RT: 9.870 min Scan# 1377

Delta R.T. -0.000 min

Lab File: VD080294.D

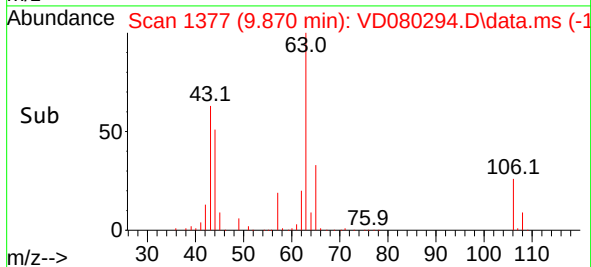
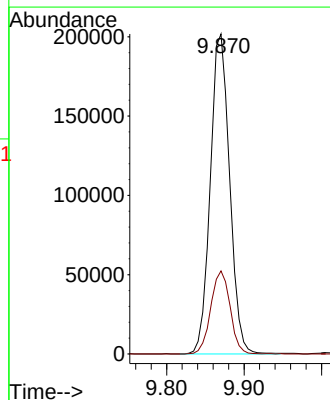
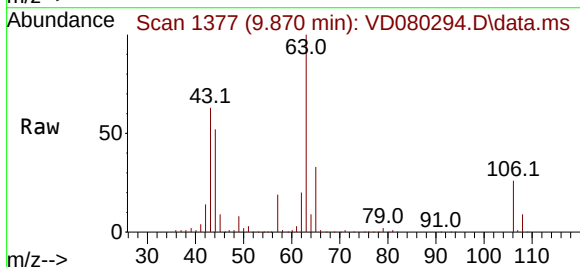
Acq: 06 May 2025 15:19

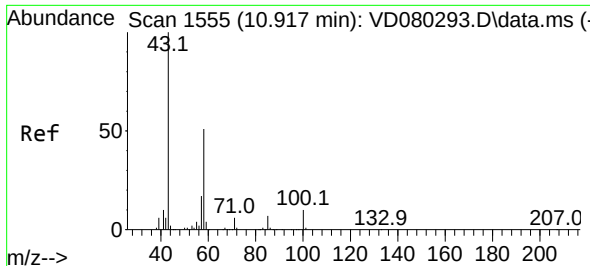
Tgt Ion: 63 Resp: 349715

Ion Ratio Lower Upper

63 100

106 25.9 20.8 31.2

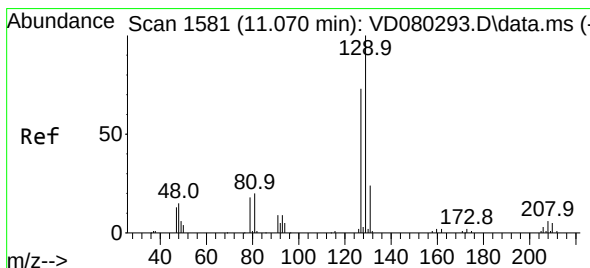
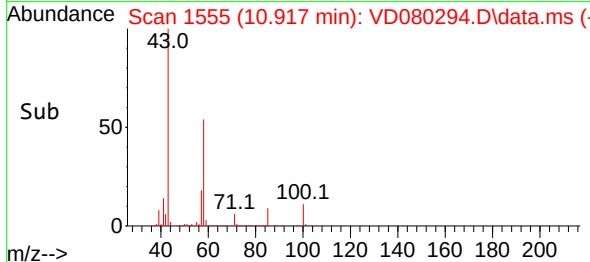
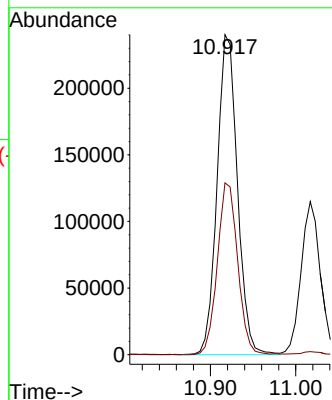
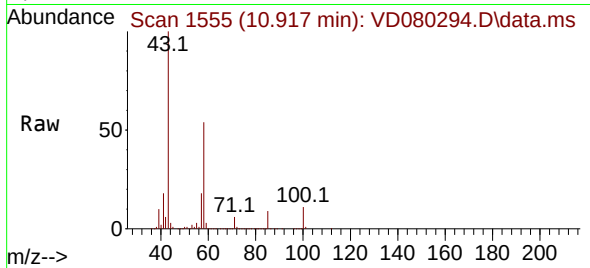




#59
2-Hexanone
Concen: 562.031 ug/l
RT: 10.917 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD080294.D
Acq: 06 May 2025 15:19

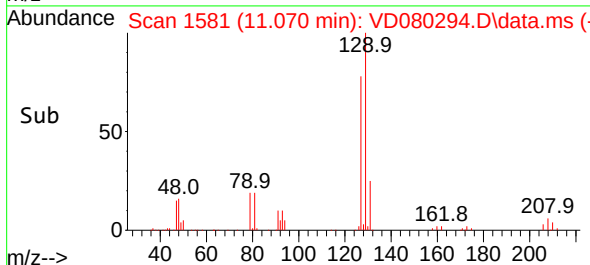
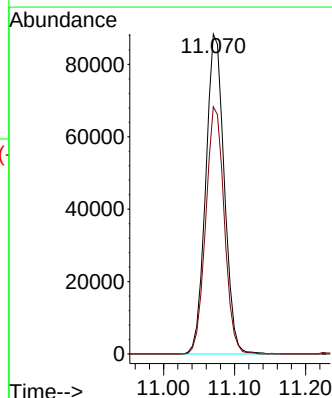
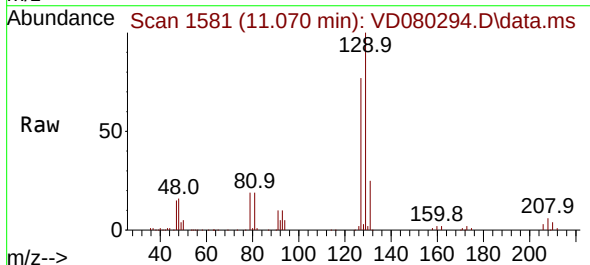
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

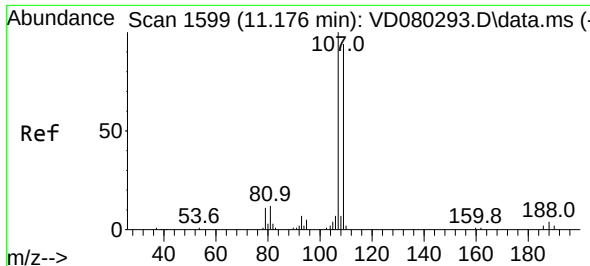
Tgt Ion: 43 Resp: 398292
Ion Ratio Lower Upper
43 100
58 53.8 26.3 78.9



#60
Dibromochloromethane
Concen: 104.667 ug/l
RT: 11.070 min Scan# 1581
Delta R.T. -0.000 min
Lab File: VD080294.D
Acq: 06 May 2025 15:19

Tgt Ion: 129 Resp: 160066
Ion Ratio Lower Upper
129 100
127 77.2 37.6 112.8

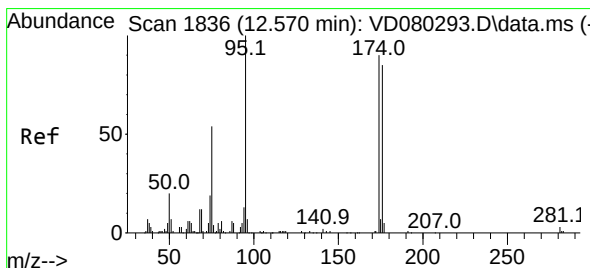
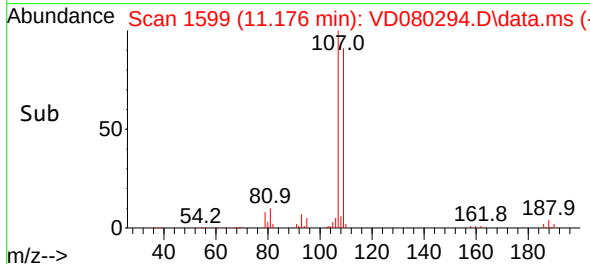
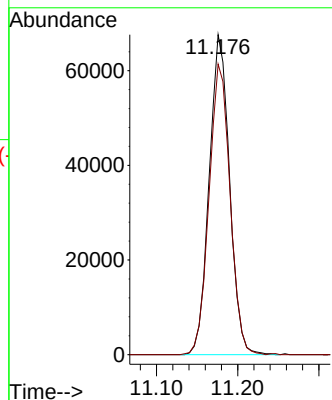
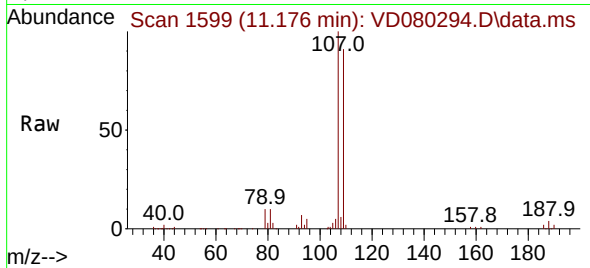




#61
1,2-Dibromoethane
Concen: 103.965 ug/l
RT: 11.176 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VD080294.D
Acq: 06 May 2025 15:19

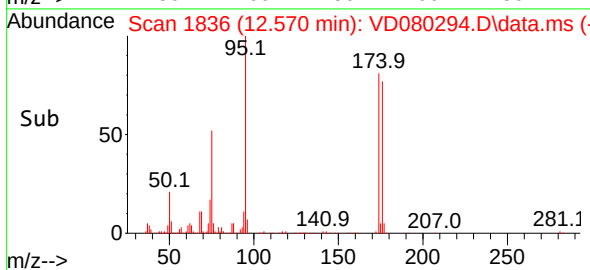
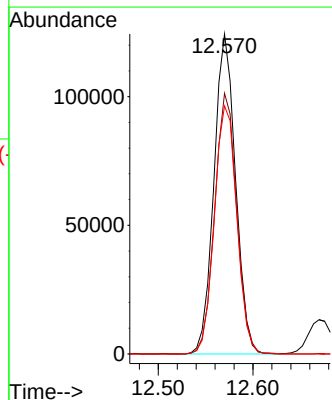
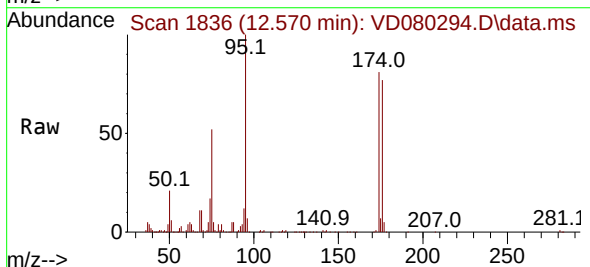
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

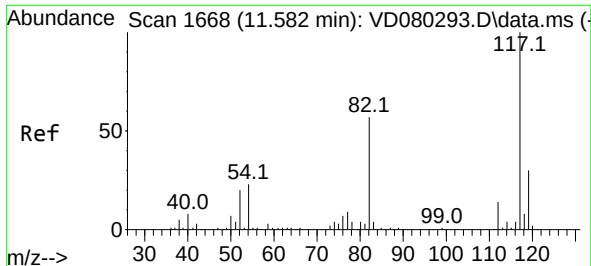
Tgt Ion:107 Resp: 117643
Ion Ratio Lower Upper
107 100
109 93.7 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 110.409 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD080294.D
Acq: 06 May 2025 15:19

Tgt Ion: 95 Resp: 196997
Ion Ratio Lower Upper
95 100
174 83.1 0.0 170.0
176 80.5 0.0 167.8

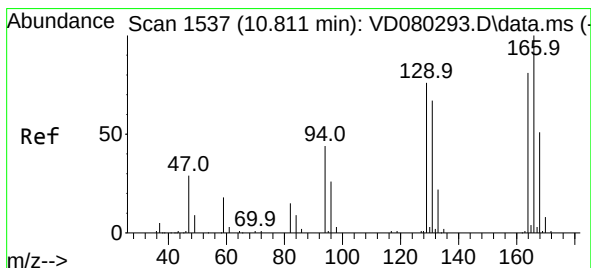
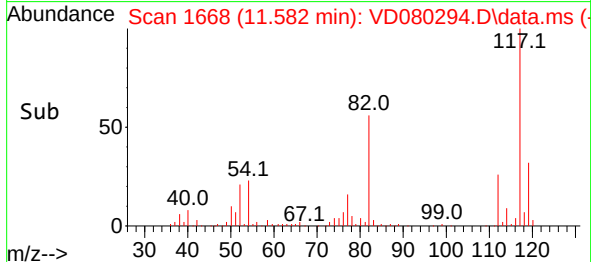
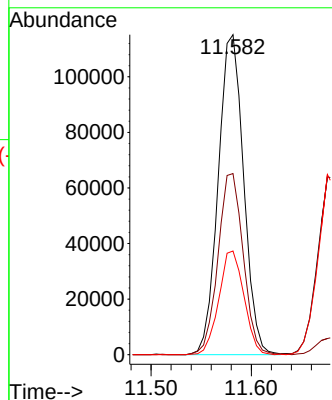
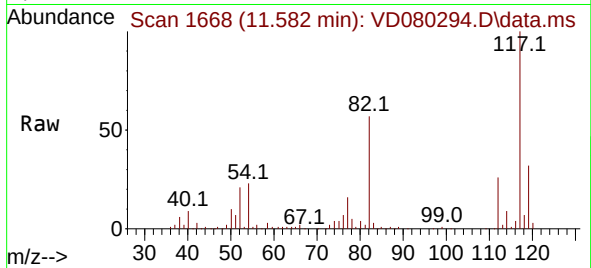




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.582 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD080294.D
Acq: 06 May 2025 15:19

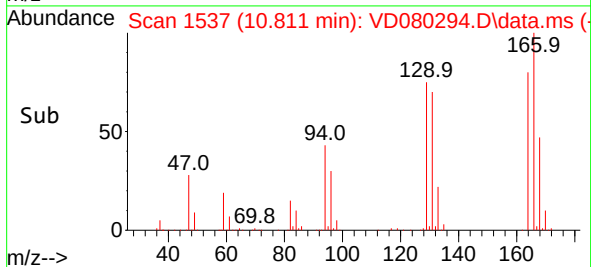
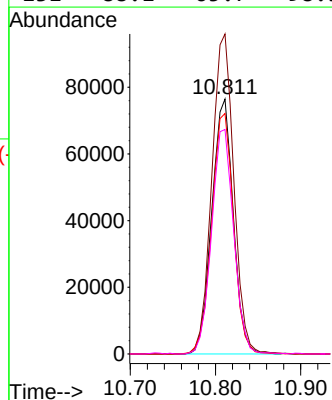
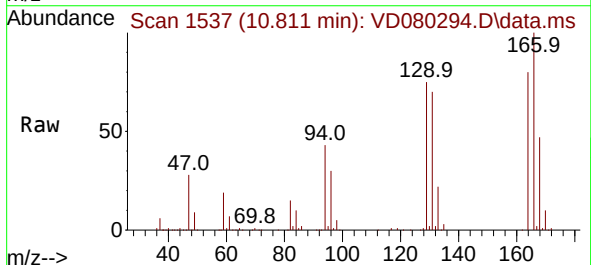
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

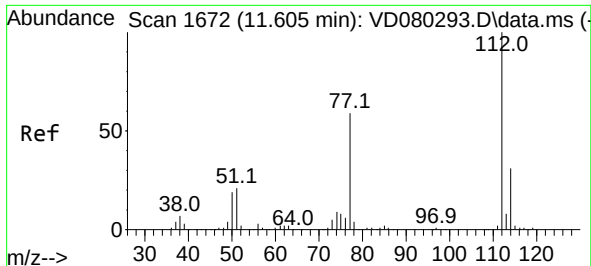
Tgt Ion:117 Resp: 202471
Ion Ratio Lower Upper
117 100
82 56.6 45.5 68.3
119 32.4 24.0 36.0



#64
Tetrachloroethene
Concen: 97.745 ug/l
RT: 10.811 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VD080294.D
Acq: 06 May 2025 15:19

Tgt Ion:164 Resp: 134017
Ion Ratio Lower Upper
164 100
166 125.6 98.2 147.2
129 94.4 74.6 111.8
131 88.1 65.7 98.5

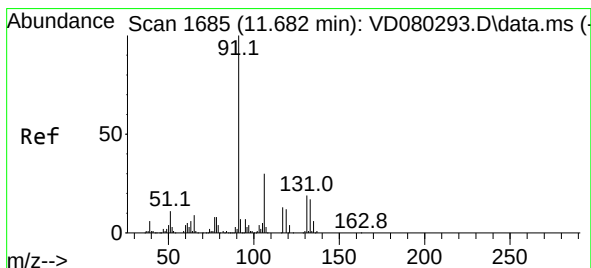
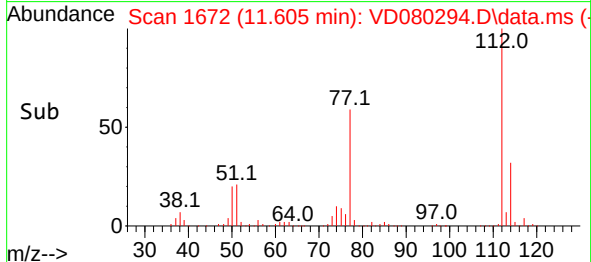
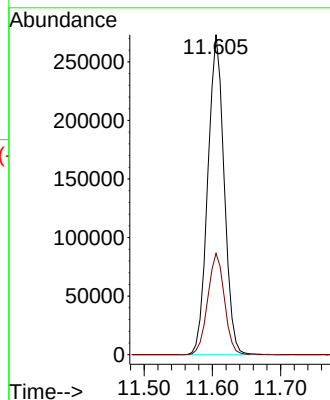
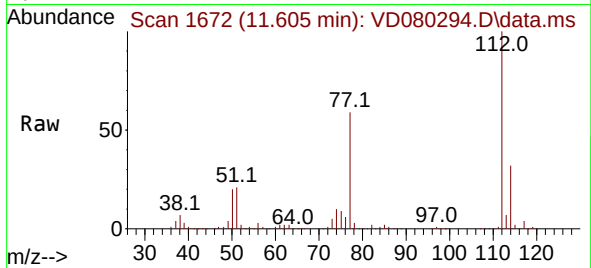




#65
Chlorobenzene
Concen: 99.481 ug/l
RT: 11.605 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VD080294.D
Acq: 06 May 2025 15:19

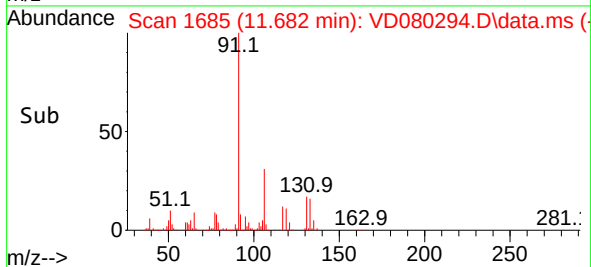
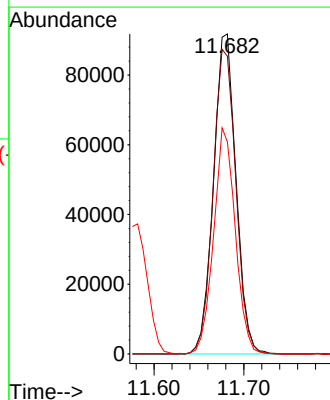
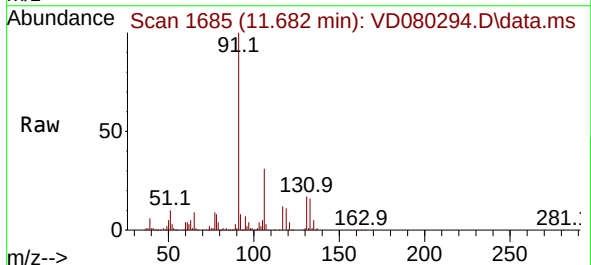
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

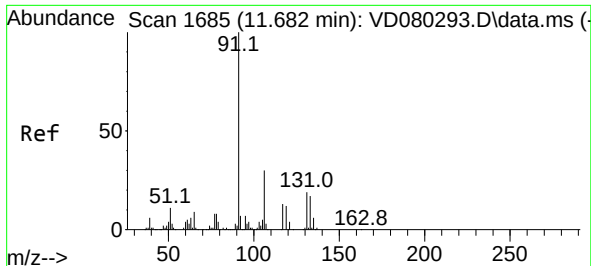
Tgt Ion:112 Resp: 454800
Ion Ratio Lower Upper
112 100
114 31.7 24.4 36.6



#66
1,1,1,2-Tetrachloroethane
Concen: 101.714 ug/l
RT: 11.682 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VD080294.D
Acq: 06 May 2025 15:19

Tgt Ion:131 Resp: 159760
Ion Ratio Lower Upper
131 100
133 96.6 46.8 140.3
119 68.1 33.1 99.2

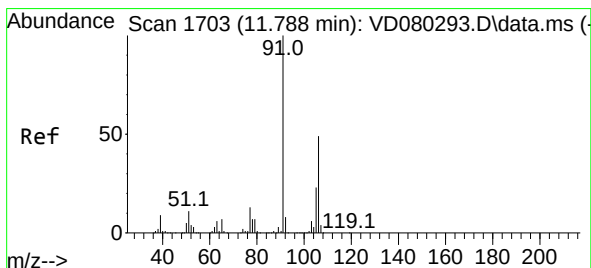
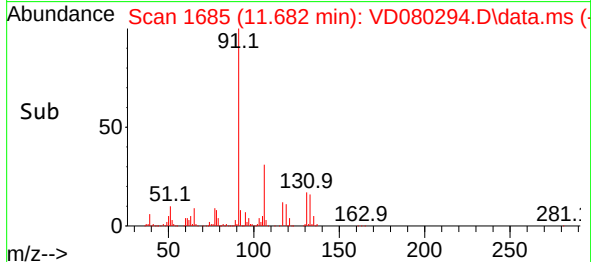
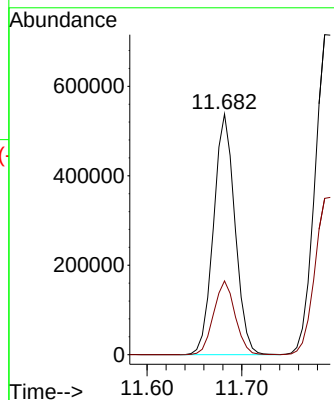
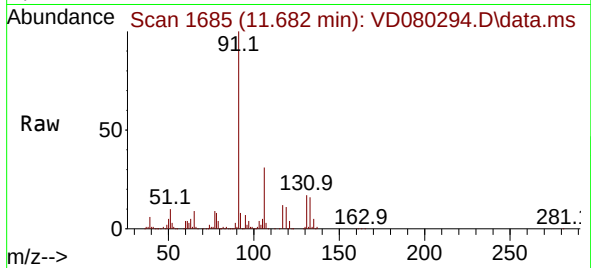




#67
Ethyl Benzene
Concen: 110.548 ug/l
RT: 11.682 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VD080294.D
Acq: 06 May 2025 15:19

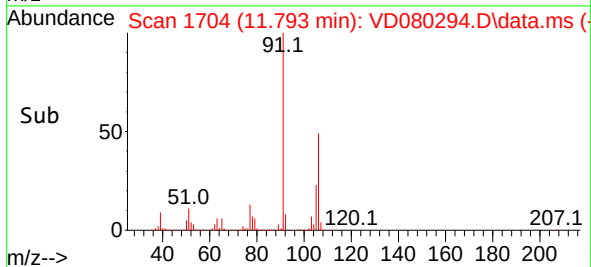
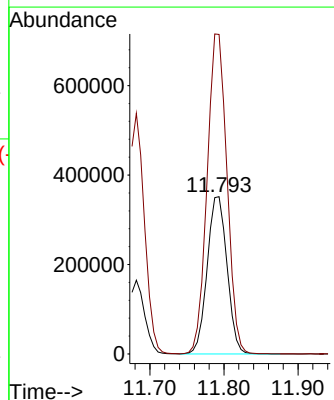
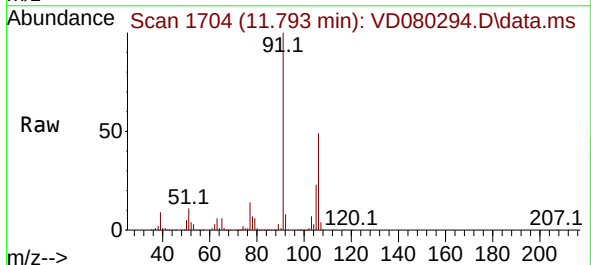
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

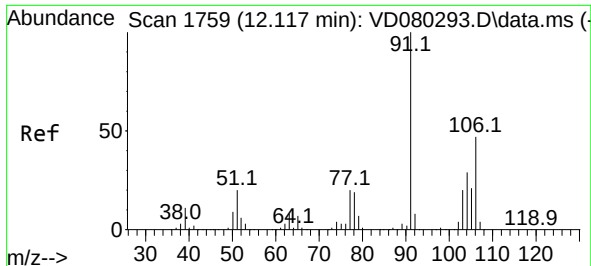
Tgt Ion: 91 Resp: 844578
Ion Ratio Lower Upper
91 100
106 30.7 23.9 35.9



#68
m/p-Xylenes
Concen: 220.820 ug/l
RT: 11.793 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD080294.D
Acq: 06 May 2025 15:19

Tgt Ion: 106 Resp: 655051
Ion Ratio Lower Upper
106 100
91 203.3 164.1 246.1

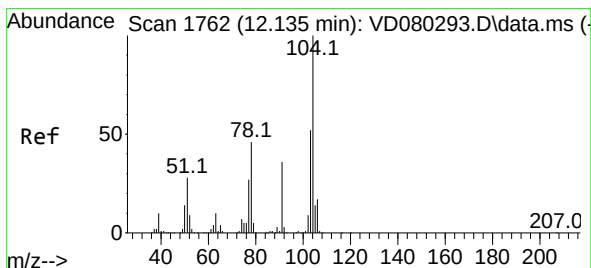
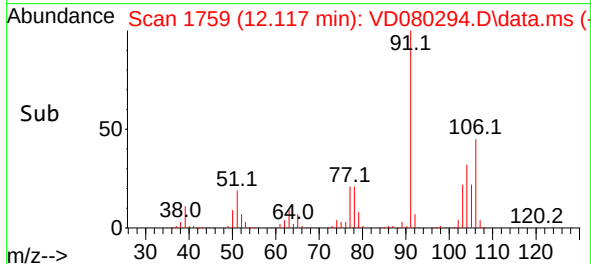
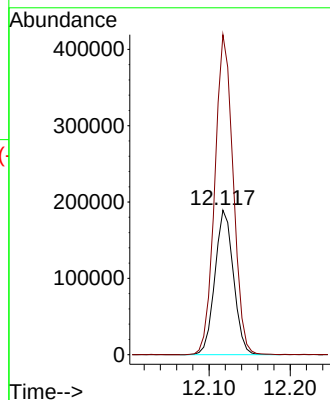
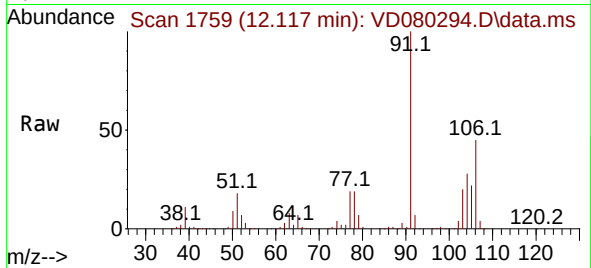




#69
o-Xylene
Concen: 111.034 ug/l
RT: 12.117 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VD080294.D
Acq: 06 May 2025 15:19

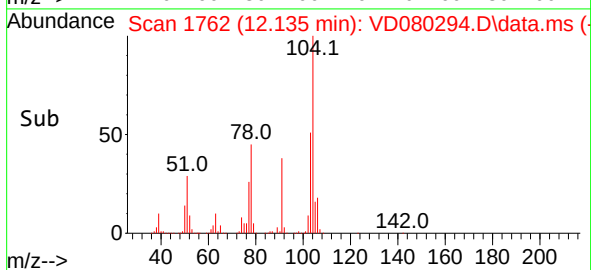
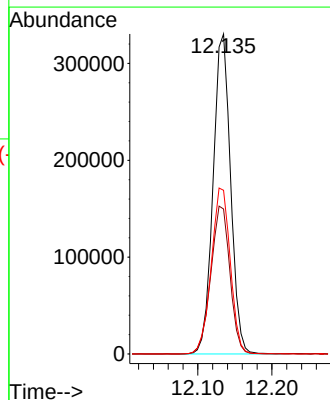
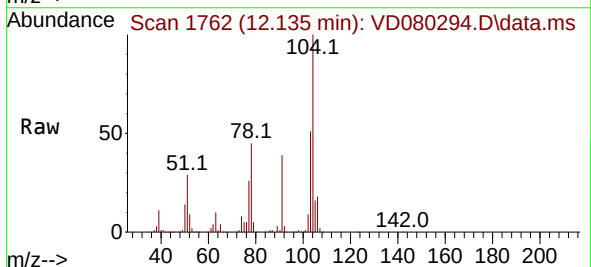
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

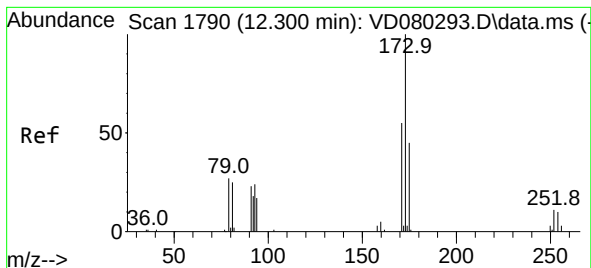
Tgt Ion:106 Resp: 300980
Ion Ratio Lower Upper
106 100
91 219.2 109.3 328.1



#70
Styrene
Concen: 111.347 ug/l
RT: 12.135 min Scan# 1762
Delta R.T. -0.000 min
Lab File: VD080294.D
Acq: 06 May 2025 15:19

Tgt Ion:104 Resp: 541974
Ion Ratio Lower Upper
104 100
78 50.3 39.8 59.6
103 56.4 44.2 66.4





#71

Bromoform

Concen: 101.194 ug/l

RT: 12.293 min Scan# 1789

Delta R.T. -0.006 min

Lab File: VD080294.D

Acq: 06 May 2025 15:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

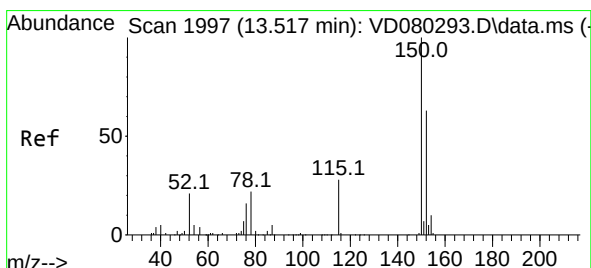
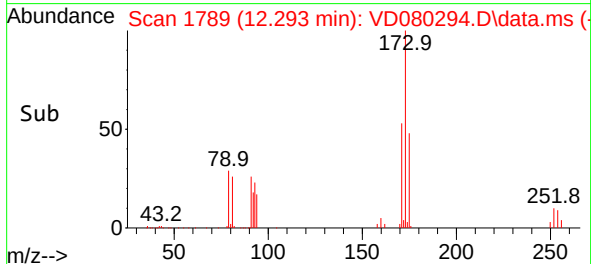
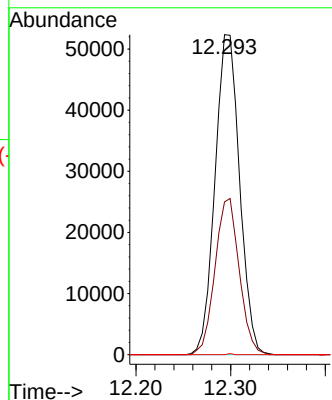
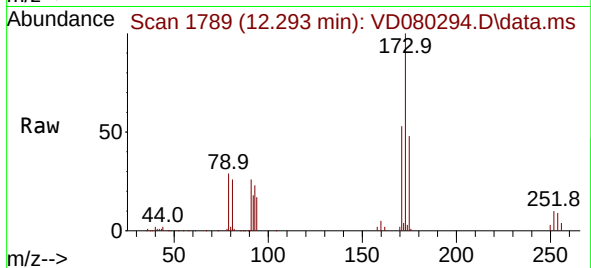
Tgt Ion:173 Resp: 94432

Ion Ratio Lower Upper

173 100

175 48.1 23.8 71.2

254 0.1 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: VD080294.D

Acq: 06 May 2025 15:19

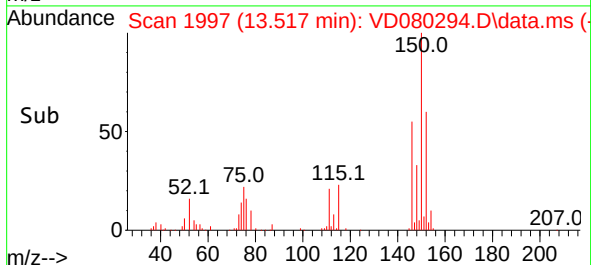
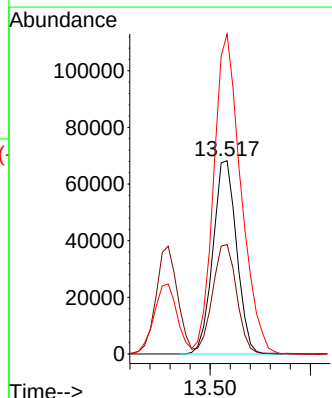
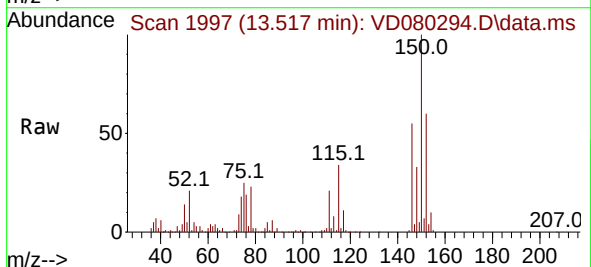
Tgt Ion:152 Resp: 111785

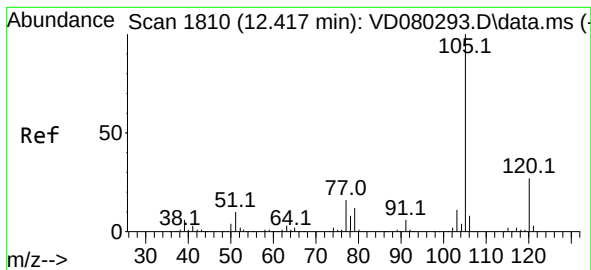
Ion Ratio Lower Upper

152 100

115 58.2 29.0 87.1

150 190.4 0.0 354.6





#73

Isopropylbenzene

Concen: 107.285 ug/l

RT: 12.417 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD080294.D

Acq: 06 May 2025 15:19

Instrument :

MSVOA_D

ClientSampleId :

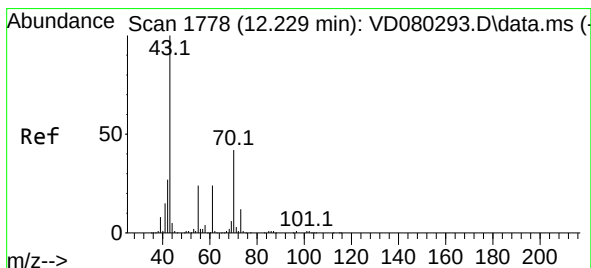
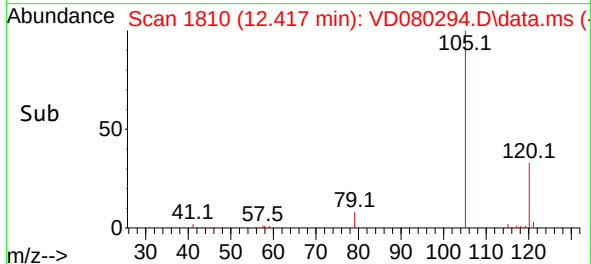
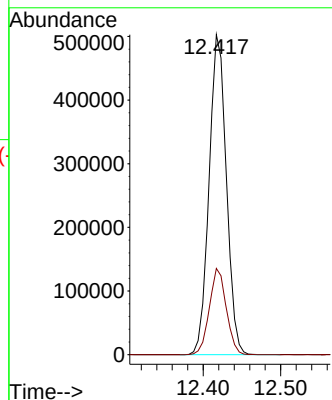
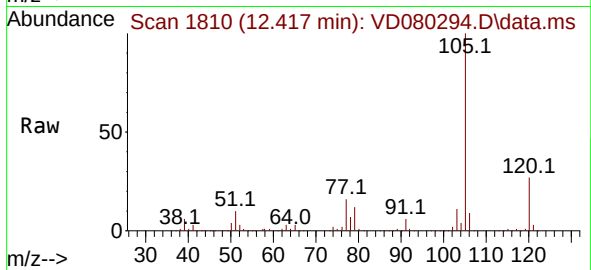
VSTDICC100

Tgt Ion:105 Resp: 777958

Ion Ratio Lower Upper

105 100

120 26.4 13.1 39.1



#74

N-ethyl acetate

Concen: 105.504 ug/l

RT: 12.229 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VD080294.D

Acq: 06 May 2025 15:19

Tgt Ion: 43 Resp: 219574

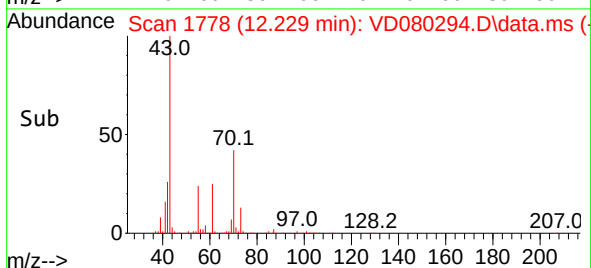
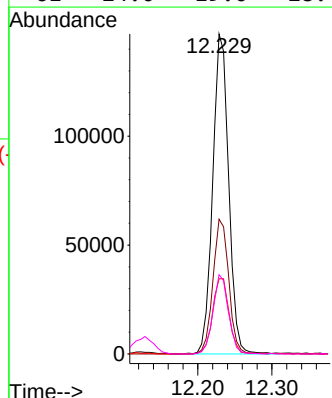
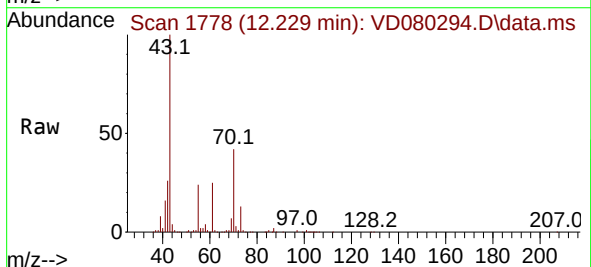
Ion Ratio Lower Upper

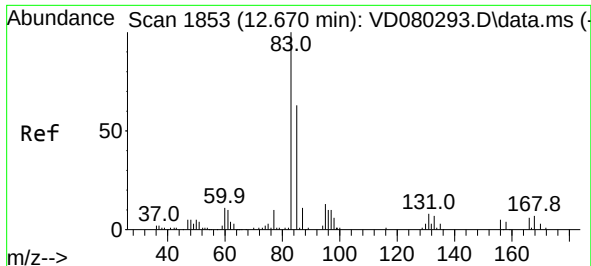
43 100

70 41.8 33.8 50.8

55 24.6 20.8 31.2

61 24.0 19.0 28.4

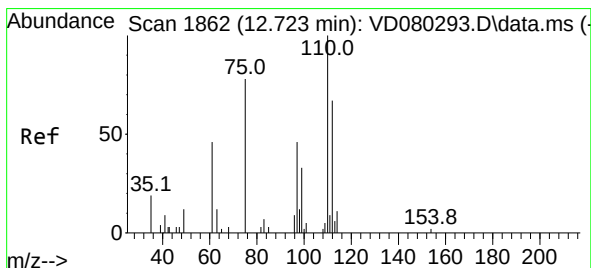
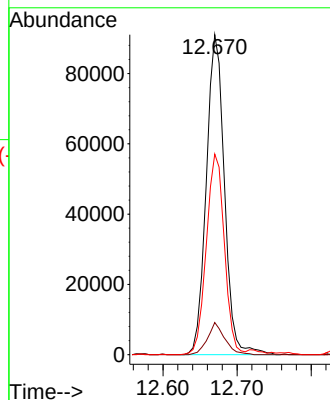
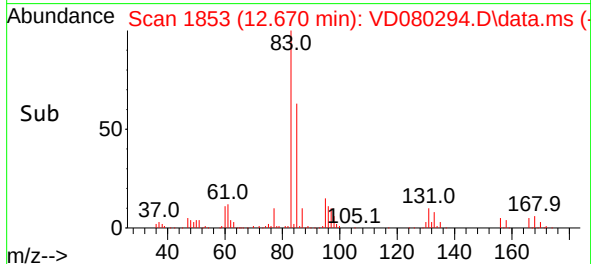
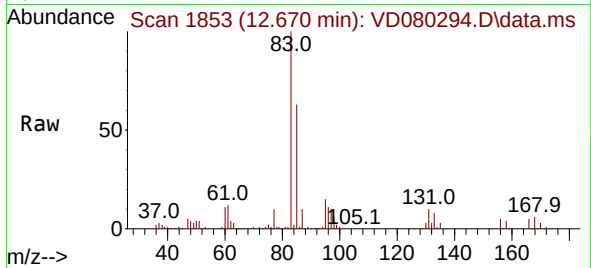




#75
1,1,2,2-Tetrachloroethane
Concen: 97.228 ug/l
RT: 12.670 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VD080294.D
Acq: 06 May 2025 15:19

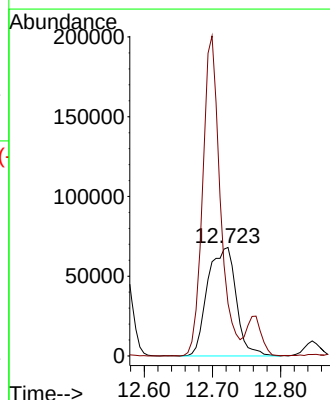
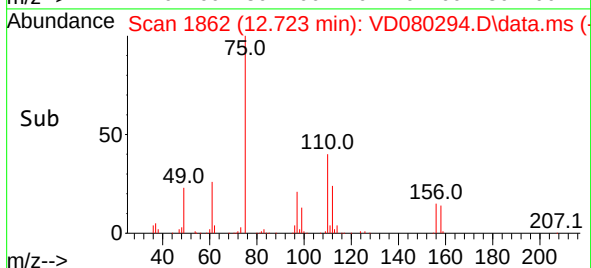
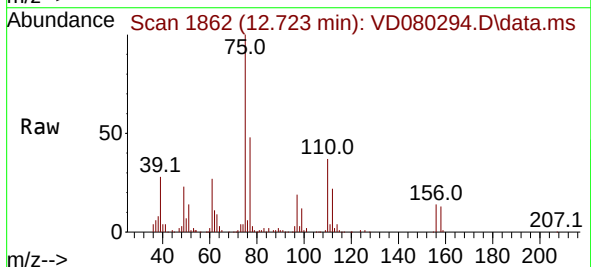
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

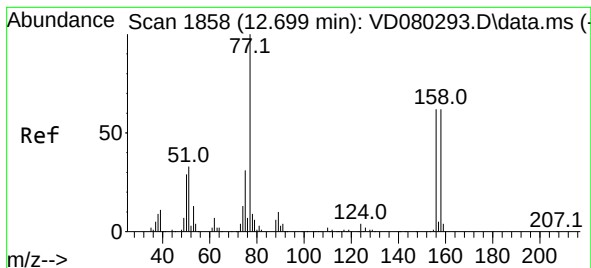
Tgt Ion: 83 Resp: 155040
Ion Ratio Lower Upper
83 100
131 9.6 5.2 15.6
85 62.3 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 167.025 ug/l
RT: 12.723 min Scan# 1862
Delta R.T. -0.000 min
Lab File: VD080294.D
Acq: 06 May 2025 15:19

Tgt Ion: 75 Resp: 198096
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 100.638 ug/l

RT: 12.699 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VD080294.D

Acq: 06 May 2025 15:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

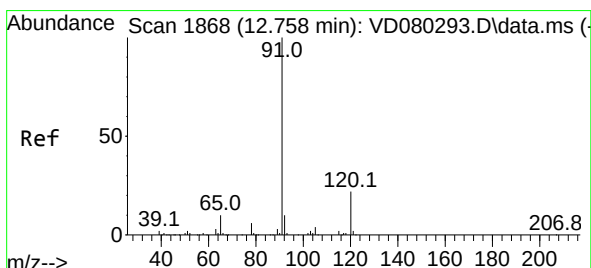
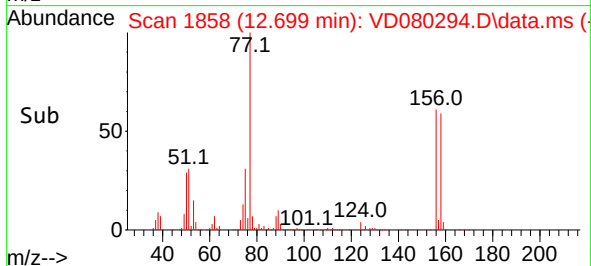
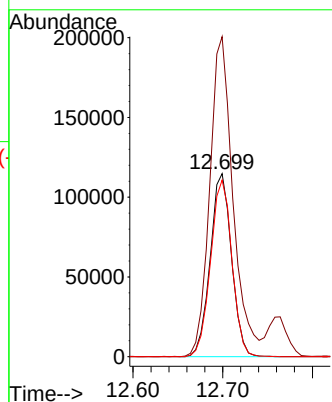
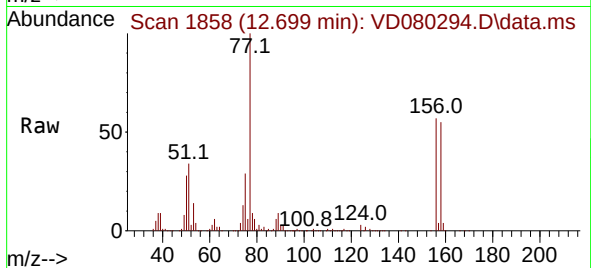
Tgt Ion:156 Resp: 189291

Ion Ratio Lower Upper

156 100

77 190.2 91.6 274.8

158 96.6 47.4 142.2



#78

n-propylbenzene

Concen: 108.061 ug/l

RT: 12.758 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD080294.D

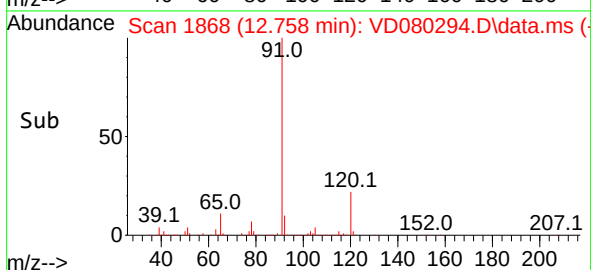
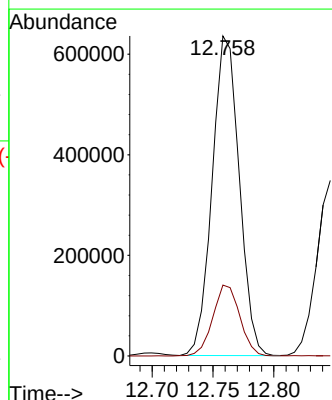
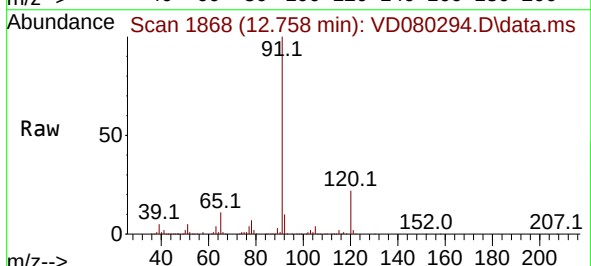
Acq: 06 May 2025 15:19

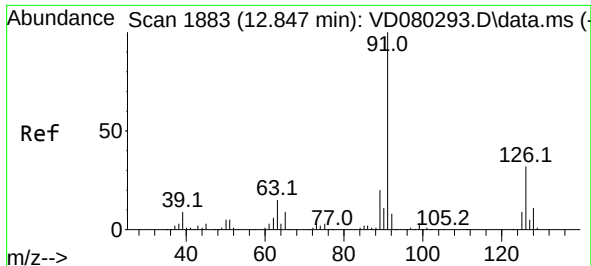
Tgt Ion: 91 Resp: 983336

Ion Ratio Lower Upper

91 100

120 22.1 11.0 33.0





#79

2-Chlorotoluene

Concen: 104.668 ug/l

RT: 12.846 min Scan# 1883

Delta R.T. -0.000 min

Lab File: VD080294.D

Acq: 06 May 2025 15:19

Instrument :

MSVOA_D

ClientSampleId :

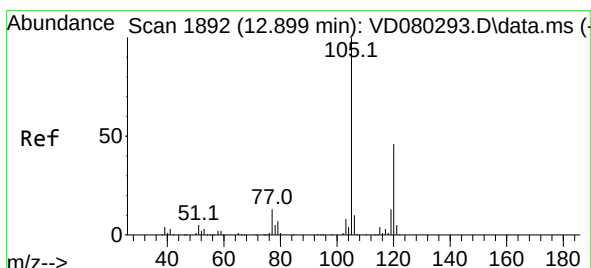
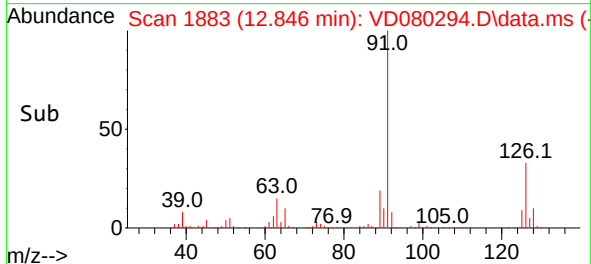
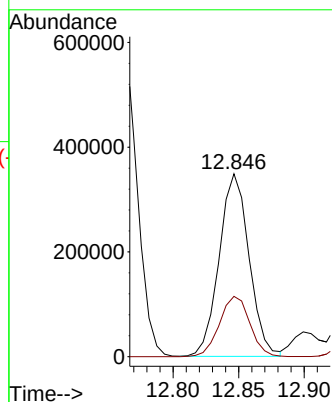
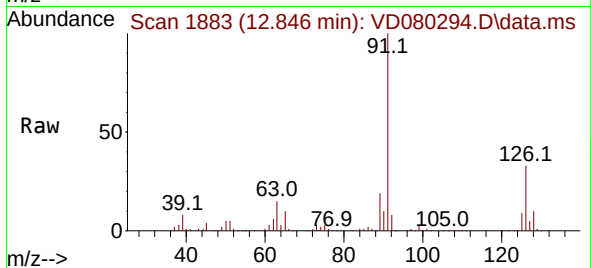
VSTDICC100

Tgt Ion: 91 Resp: 554020

Ion Ratio Lower Upper

91 100

126 33.6 16.4 49.2



#80

1,3,5-Trimethylbenzene

Concen: 108.074 ug/l

RT: 12.899 min Scan# 1892

Delta R.T. -0.000 min

Lab File: VD080294.D

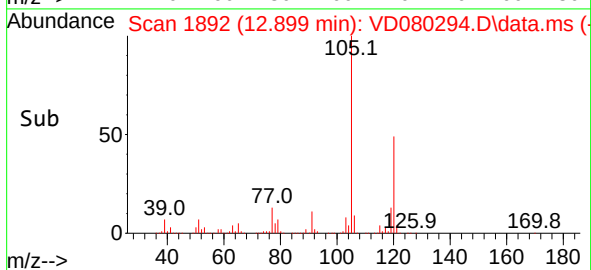
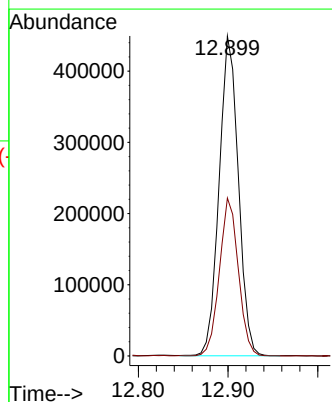
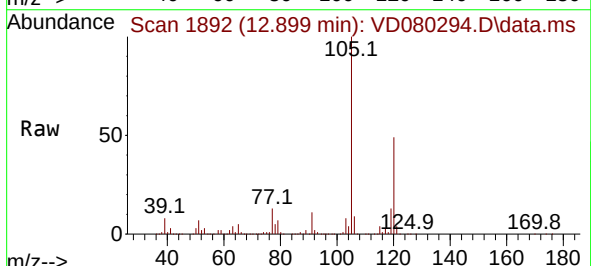
Acq: 06 May 2025 15:19

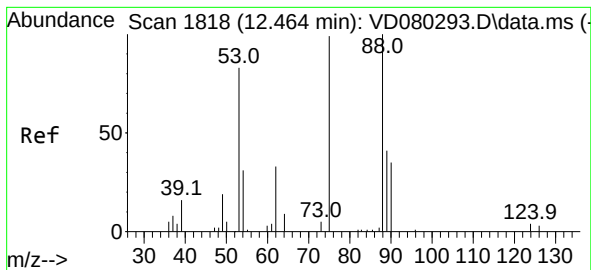
Tgt Ion:105 Resp: 668411

Ion Ratio Lower Upper

105 100

120 48.7 23.9 71.8

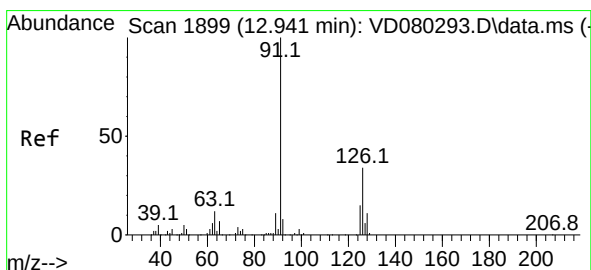
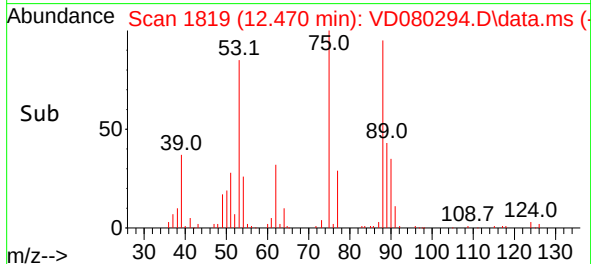
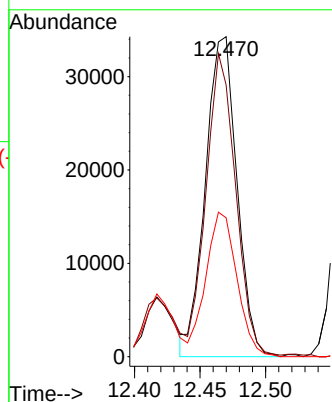
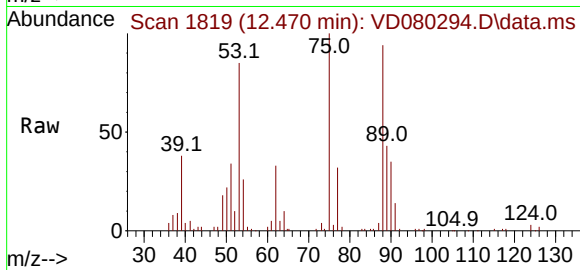




#81
trans-1,4-Dichloro-2-butene
Concen: 100.965 ug/l
RT: 12.470 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD080294.D
Acq: 06 May 2025 15:19

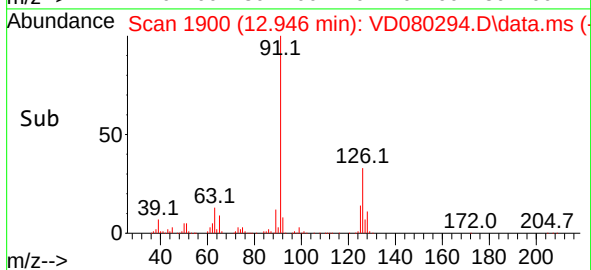
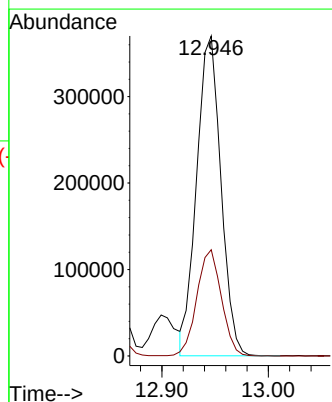
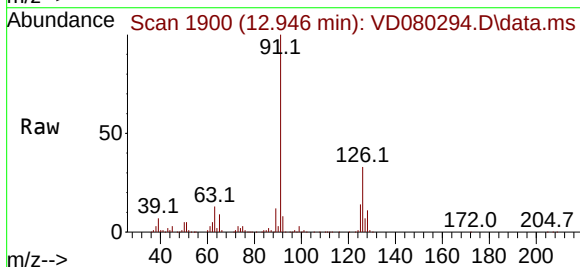
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

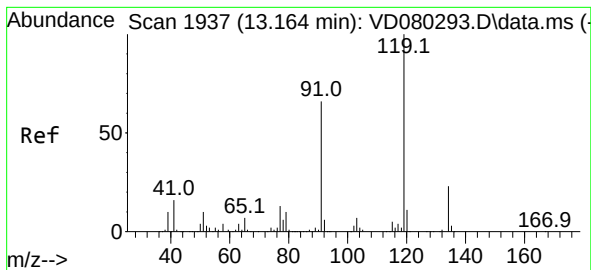
Tgt Ion: 75 Resp: 57386
Ion Ratio Lower Upper
75 100
53 87.7 70.8 106.2
89 44.4 35.9 53.9



#82
4-Chlorotoluene
Concen: 102.552 ug/l
RT: 12.946 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VD080294.D
Acq: 06 May 2025 15:19

Tgt Ion: 91 Resp: 585946
Ion Ratio Lower Upper
91 100
126 33.6 17.1 51.3

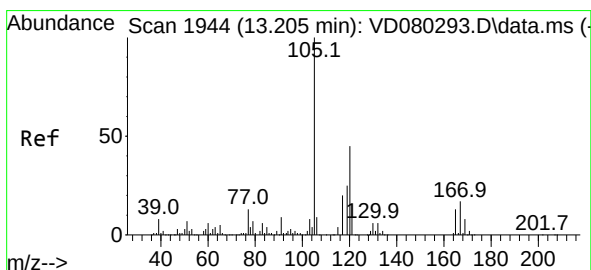
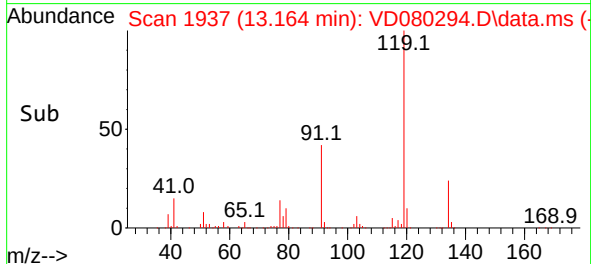
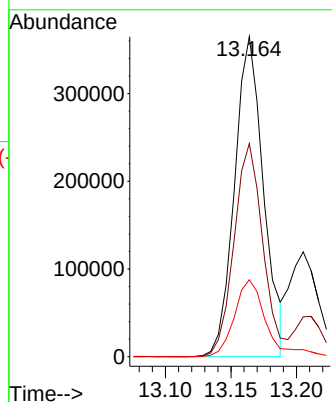
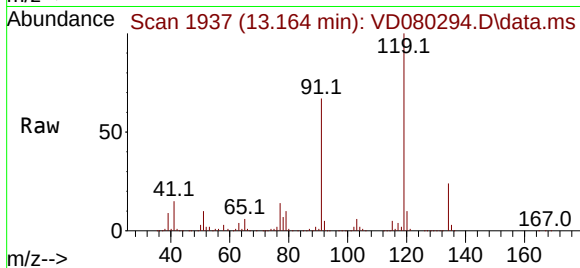




#83
tert-Butylbenzene
Concen: 108.863 ug/l
RT: 13.164 min Scan# 1937
Delta R.T. -0.000 min
Lab File: VD080294.D
Acq: 06 May 2025 15:19

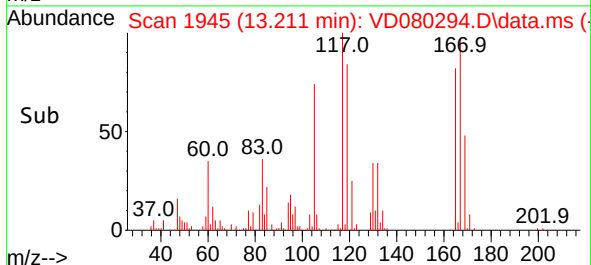
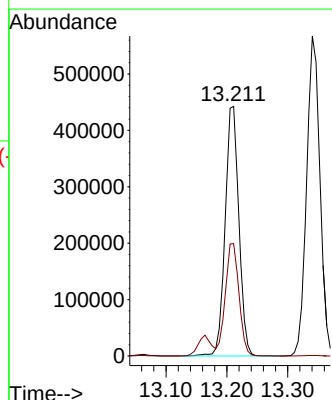
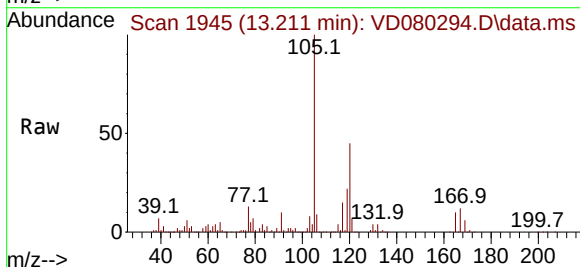
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

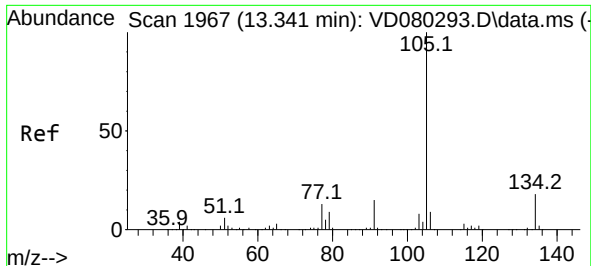
Tgt Ion:119 Resp: 561847
Ion Ratio Lower Upper
119 100
91 66.7 33.3 99.8
134 26.3 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 109.645 ug/l
RT: 13.211 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VD080294.D
Acq: 06 May 2025 15:19

Tgt Ion:105 Resp: 693835
Ion Ratio Lower Upper
105 100
120 44.8 22.3 66.8

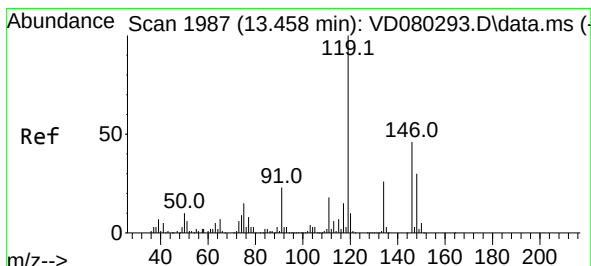
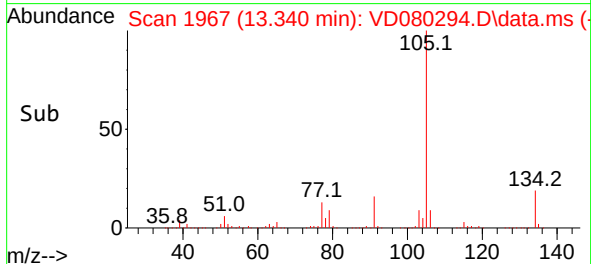
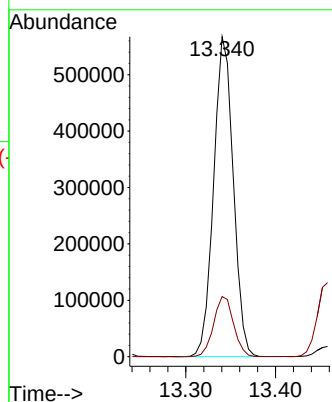
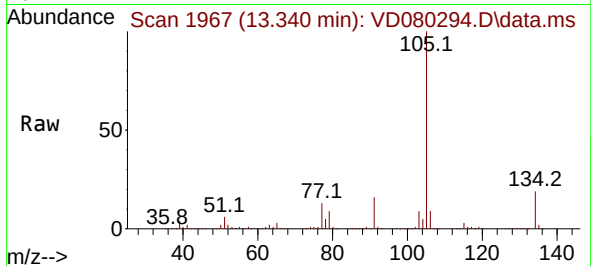




#85
 sec-Butylbenzene
 Concen: 108.283 ug/l
 RT: 13.340 min Scan# 1967
 Delta R.T. -0.000 min
 Lab File: VD080294.D
 Acq: 06 May 2025 15:19

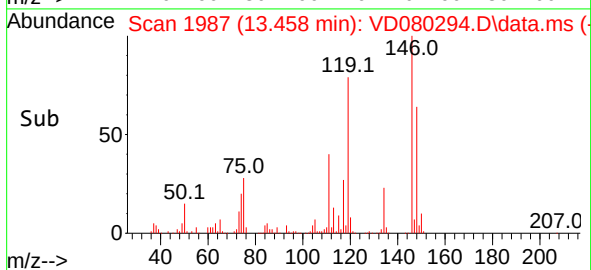
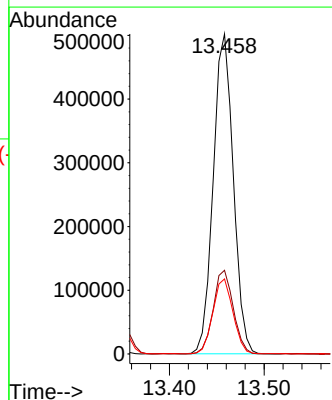
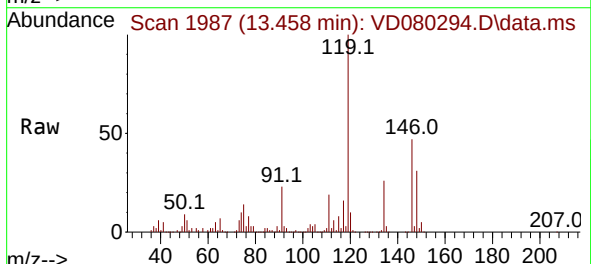
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

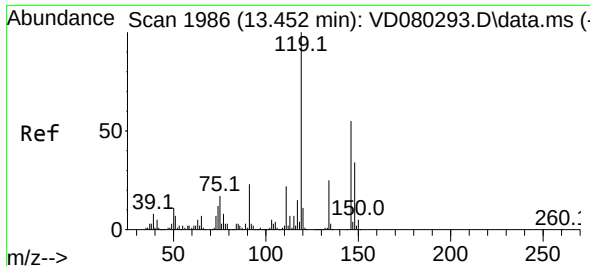
Tgt Ion:105 Resp: 861805
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 110.657 ug/l
 RT: 13.458 min Scan# 1987
 Delta R.T. -0.000 min
 Lab File: VD080294.D
 Acq: 06 May 2025 15:19

Tgt Ion:119 Resp: 740180
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.8 38.4
 91 23.5 11.7 35.0

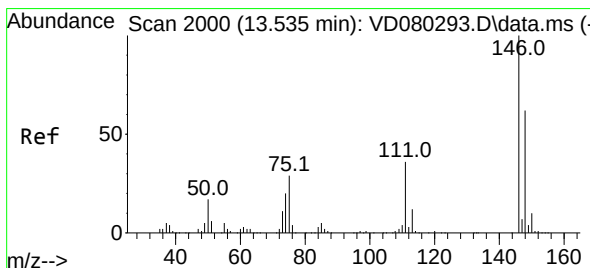
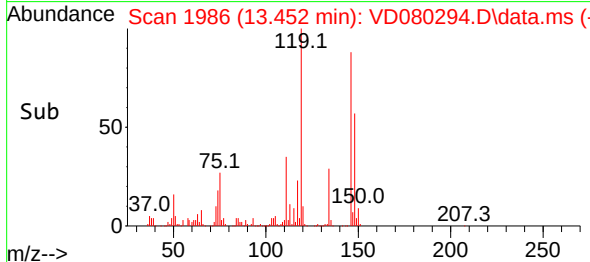
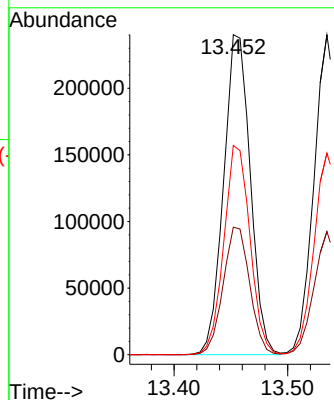
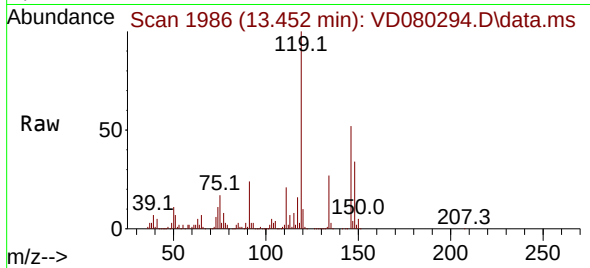




#87
 1,3-Dichlorobenzene
 Concen: 99.968 ug/l
 RT: 13.452 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VD080294.D
 Acq: 06 May 2025 15:19

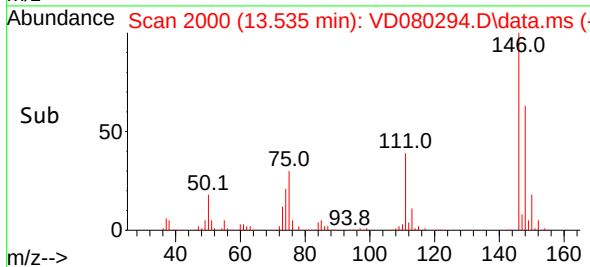
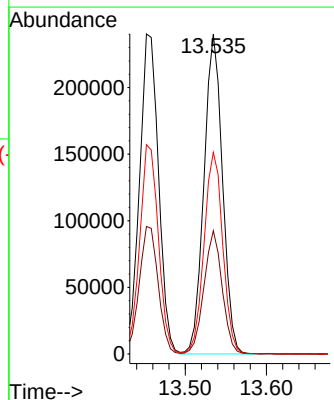
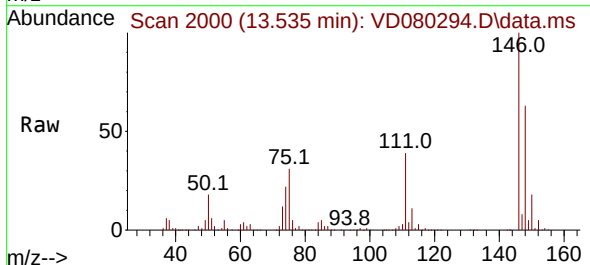
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

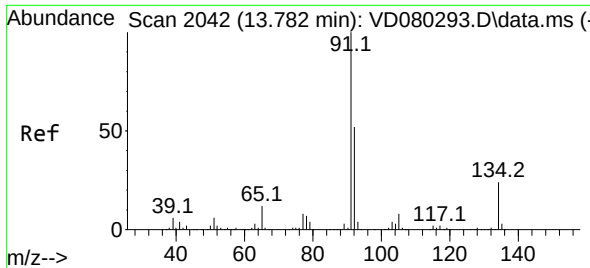
Tgt Ion:146 Resp: 392135
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.9 59.6
 148 64.3 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 96.081 ug/l
 RT: 13.535 min Scan# 2000
 Delta R.T. -0.000 min
 Lab File: VD080294.D
 Acq: 06 May 2025 15:19

Tgt Ion:146 Resp: 379949
 Ion Ratio Lower Upper
 146 100
 111 38.0 18.9 56.5
 148 63.8 31.4 94.0

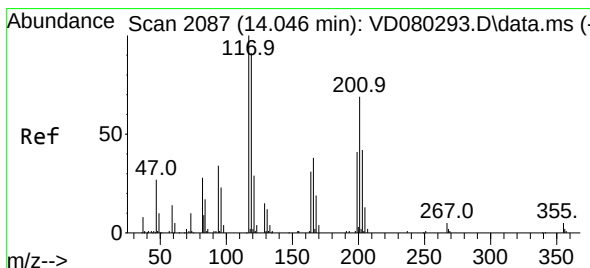
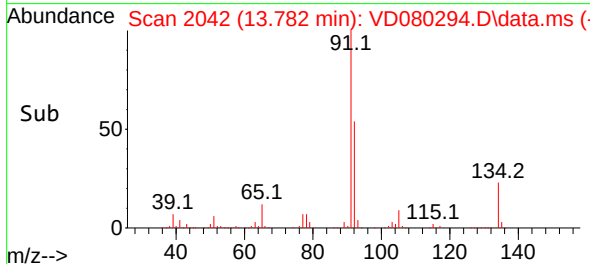
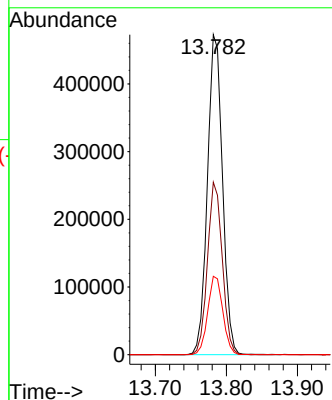
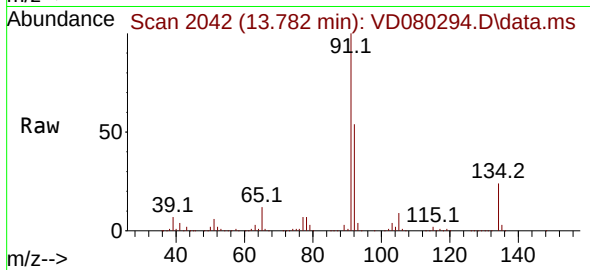




#89
n-Butylbenzene
Concen: 107.540 ug/l
RT: 13.782 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VD080294.D
Acq: 06 May 2025 15:19

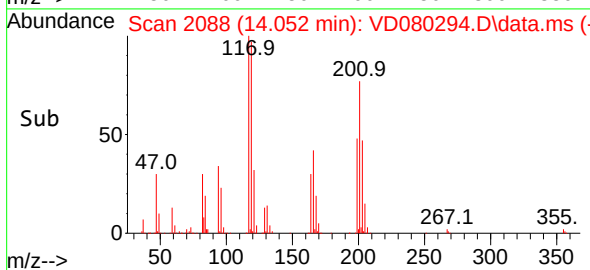
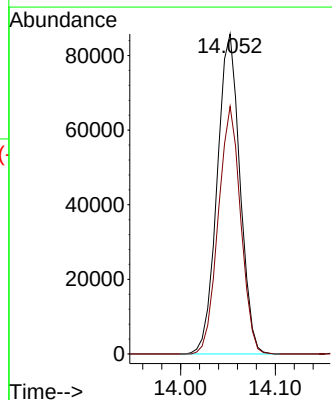
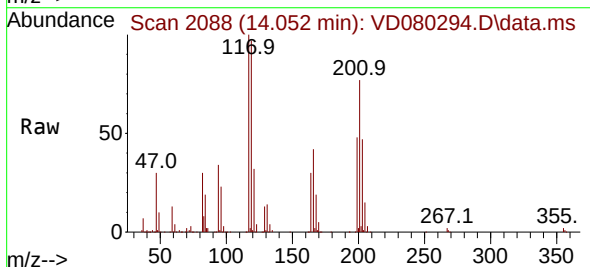
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

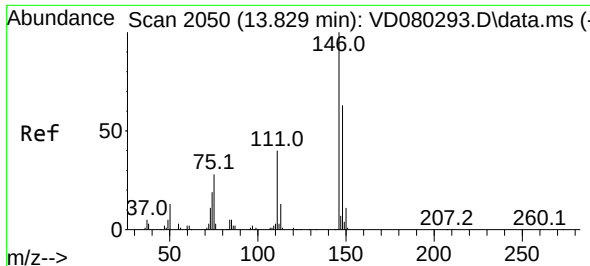
Tgt Ion: 91 Resp: 698284
Ion Ratio Lower Upper
91 100
92 53.0 26.1 78.2
134 24.6 12.0 36.1



#90
Hexachloroethane
Concen: 96.918 ug/l
RT: 14.052 min Scan# 2088
Delta R.T. 0.006 min
Lab File: VD080294.D
Acq: 06 May 2025 15:19

Tgt Ion: 117 Resp: 143439
Ion Ratio Lower Upper
117 100
201 75.9 36.9 110.6

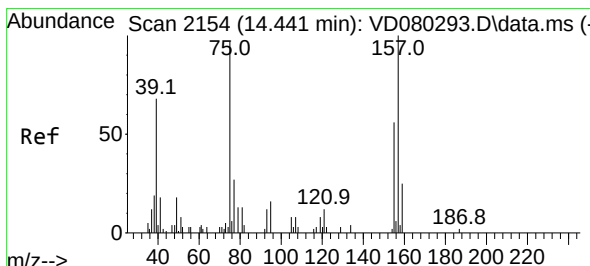
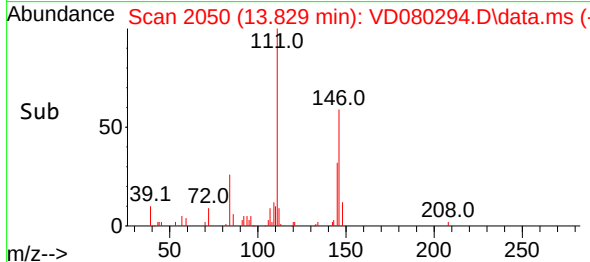
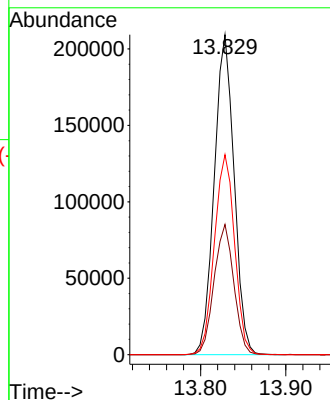
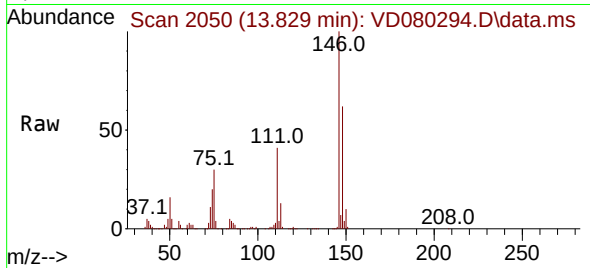




#91
1,2-Dichlorobenzene
Concen: 99.646 ug/l
RT: 13.829 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VD080294.D
Acq: 06 May 2025 15:19

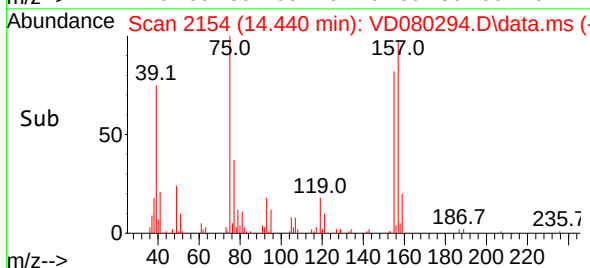
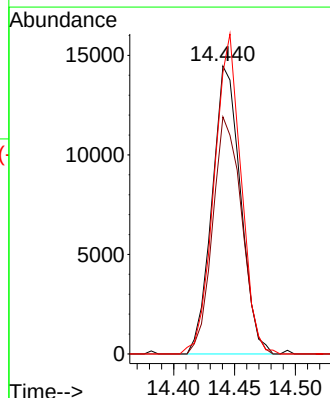
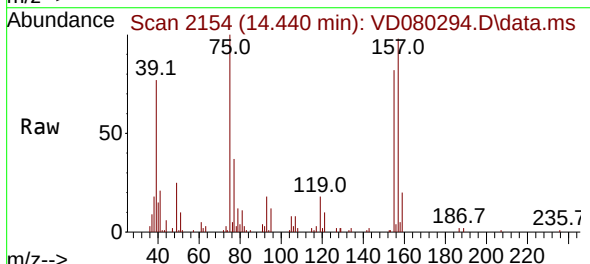
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

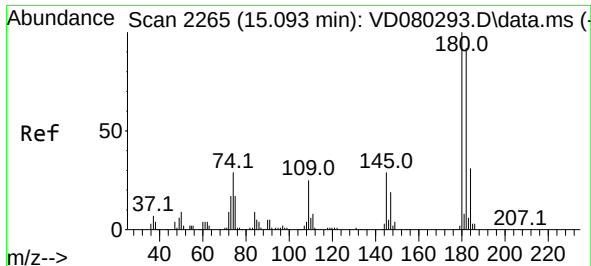
Tgt Ion:146 Resp: 339544
Ion Ratio Lower Upper
146 100
111 40.7 20.8 62.5
148 63.7 32.4 97.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 92.665 ug/l
RT: 14.440 min Scan# 2154
Delta R.T. -0.000 min
Lab File: VD080294.D
Acq: 06 May 2025 15:19

Tgt Ion: 75 Resp: 23550
Ion Ratio Lower Upper
75 100
155 83.9 36.3 108.7
157 105.3 52.9 158.8

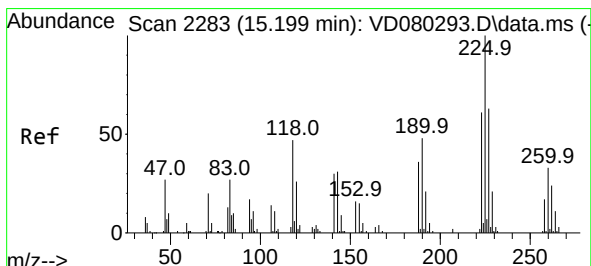
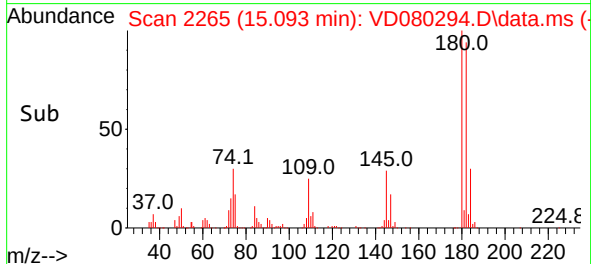
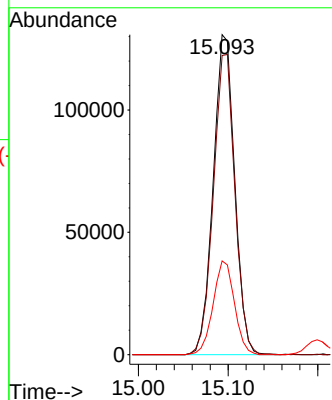
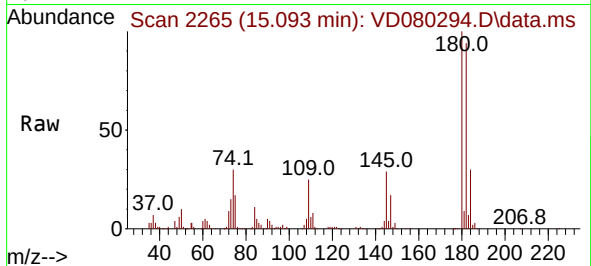




#93
1,2,4-Trichlorobenzene
Concen: 101.419 ug/l
RT: 15.093 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD080294.D
Acq: 06 May 2025 15:19

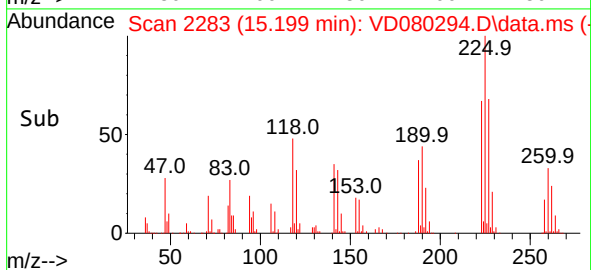
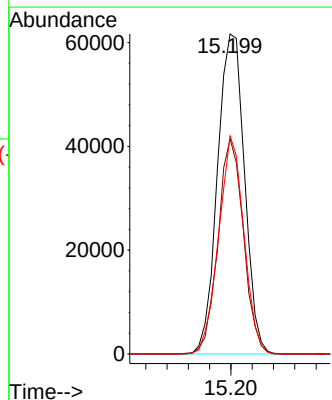
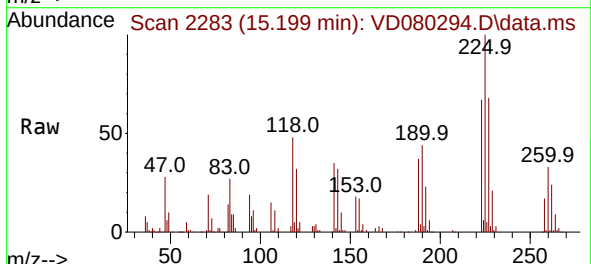
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

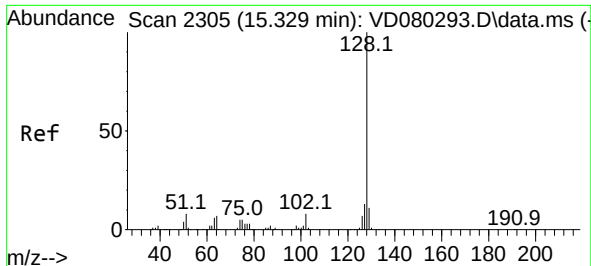
Tgt Ion:180 Resp: 217334
Ion Ratio Lower Upper
180 100
182 94.3 46.7 140.1
145 29.0 14.9 44.5



#94
Hexachlorobutadiene
Concen: 97.387 ug/l
RT: 15.199 min Scan# 2283
Delta R.T. -0.000 min
Lab File: VD080294.D
Acq: 06 May 2025 15:19

Tgt Ion:225 Resp: 108573
Ion Ratio Lower Upper
225 100
223 63.1 30.3 90.8
227 63.5 32.0 96.2

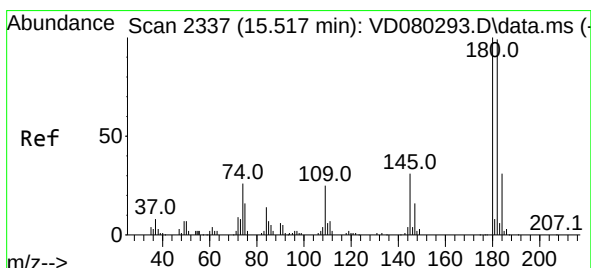
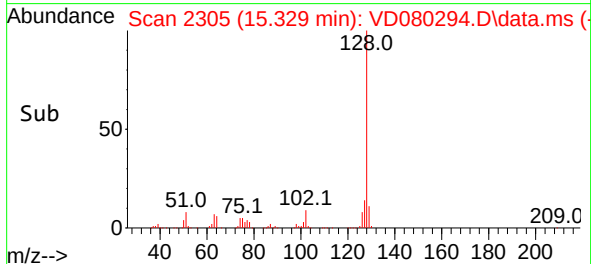
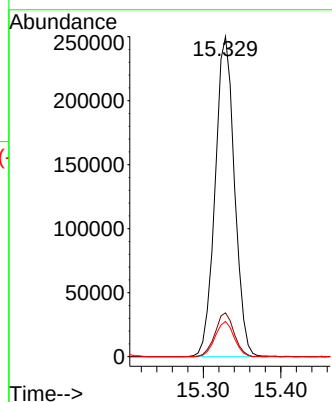
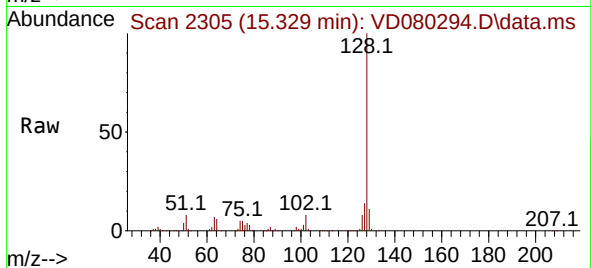




#95
Naphthalene
Concen: 107.715 ug/l
RT: 15.329 min Scan# 2305
Delta R.T. -0.000 min
Lab File: VD080294.D
Acq: 06 May 2025 15:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 433416
Ion Ratio Lower Upper
128 100
127 13.7 10.2 15.4
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 103.117 ug/l
RT: 15.517 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD080294.D
Acq: 06 May 2025 15:19

Tgt Ion:180 Resp: 197633
Ion Ratio Lower Upper
180 100
182 92.9 48.3 144.9
145 31.0 15.6 46.7

