

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051625\
 Data File : VD080380.D
 Acq On : 16 May 2025 19:28
 Operator : RP/MD
 Sample : VSTDCCC050EC
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 17 01:24:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050625S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 07 08:57:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	129912	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	220054	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	204161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	104244	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	80030	47.637	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.280%
35) Dibromofluoromethane	7.806	113	75783	51.382	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.760%
50) Toluene-d8	10.270	98	288203	49.594	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.180%
62) 4-Bromofluorobenzene	12.570	95	92460	49.571	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.140%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.935	85	66576	59.428	ug/l	100
3) Chloromethane	2.147	50	99328	43.894	ug/l	92
4) Vinyl Chloride	2.288	62	122471	36.263	ug/l	95
5) Bromomethane	2.694	94	82035	33.745	ug/l	97
6) Chloroethane	2.835	64	87623	36.694	ug/l	97
7) Trichlorofluoromethane	3.176	101	126879	48.994	ug/l	93
8) Diethyl Ether	3.594	74	42171	52.754	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.965	101	78036	48.908	ug/l	98
10) Methyl Iodide	4.165	142	98590	60.615	ug/l	100
11) Tert butyl alcohol	5.047	59	25553	250.660	ug/l #	83
12) 1,1-Dichloroethene	3.941	96	76179	48.428	ug/l	96
13) Acrolein	3.794	56	11068	61.706	ug/l	97
14) Allyl chloride	4.559	41	118636	47.954	ug/l	97
15) Acrylonitrile	5.253	53	93778	244.013	ug/l	99
16) Acetone	4.023	43	67392	261.977	ug/l	100
17) Carbon Disulfide	4.276	76	264970	48.508	ug/l	98
18) Methyl Acetate	4.559	43	74567	68.595	ug/l	100
19) Methyl tert-butyl Ether	5.317	73	195137	56.467	ug/l	96
20) Methylene Chloride	4.806	84	100151	56.303	ug/l	95
21) trans-1,2-Dichloroethene	5.312	96	87105	50.972	ug/l	98
22) Diisopropyl ether	6.217	45	260183	51.054	ug/l	98
23) Vinyl Acetate	6.159	43	677754	228.343	ug/l	99
24) 1,1-Dichloroethane	6.112	63	161240	50.280	ug/l	99
25) 2-Butanone	7.082	43	110414	238.868	ug/l	98
26) 2,2-Dichloropropane	7.076	77	117874	46.193	ug/l	99
27) cis-1,2-Dichloroethene	7.082	96	101129	53.413	ug/l	99
28) Bromochloromethane	7.429	49	67150	44.973	ug/l	95
29) Tetrahydrofuran	7.447	42	75589	250.804	ug/l	100
30) Chloroform	7.600	83	166721	52.133	ug/l	98
31) Cyclohexane	7.882	56	126975	46.522	ug/l	99
32) 1,1,1-Trichloroethane	7.788	97	132882	50.931	ug/l	97
36) 1,1-Dichloropropene	8.011	75	113028	51.277	ug/l	97
37) Ethyl Acetate	7.164	43	51478	44.661	ug/l #	91
38) Carbon Tetrachloride	7.988	117	115891	50.414	ug/l	99
39) Methylcyclohexane	9.276	83	126132	49.313	ug/l	98
40) Benzene	8.253	78	351234	50.855	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051625\
 Data File : VD080380.D
 Acq On : 16 May 2025 19:28
 Operator : RP/MD
 Sample : VSTDCCC050EC
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 17 01:24:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050625S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 07 08:57:11 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.394	41	32745	51.336	ug/l #	87
42) 1,2-Dichloroethane	8.323	62	98707	49.321	ug/l	100
43) Isopropyl Acetate	8.359	43	98879	47.308	ug/l	99
44) Trichloroethene	9.029	130	82572	51.503	ug/l	99
45) 1,2-Dichloropropane	9.306	63	87673	49.496	ug/l	99
46) Dibromomethane	9.394	93	51323	53.217	ug/l	97
47) Bromodichloromethane	9.588	83	128504	52.497	ug/l	98
48) Methyl methacrylate	9.382	41	53212	53.581	ug/l	96
49) 1,4-Dioxane	9.382	88	12001	1046.665	ug/l	93
51) 4-Methyl-2-Pentanone	10.158	43	270192	250.891	ug/l	100
52) Toluene	10.335	92	214970	51.664	ug/l	97
53) t-1,3-Dichloropropene	10.553	75	112749	50.525	ug/l	96
54) cis-1,3-Dichloropropene	10.017	75	131741	50.945	ug/l	99
55) 1,1,2-Trichloroethane	10.729	97	65579	51.407	ug/l	97
56) Ethyl methacrylate	10.594	69	84555	54.700	ug/l	97
57) 1,3-Dichloropropane	10.876	76	111137	52.419	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.870	63	173037	273.529	ug/l	99
59) 2-Hexanone	10.917	43	182892	246.877	ug/l	99
60) Dibromochloromethane	11.070	129	86402	54.046	ug/l	100
61) 1,2-Dibromoethane	11.176	107	62293	52.661	ug/l	98
64) Tetrachloroethene	10.805	164	68991	49.902	ug/l	91
65) Chlorobenzene	11.605	112	232720	50.483	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.682	131	81326	51.349	ug/l	97
67) Ethyl Benzene	11.682	91	401548	52.124	ug/l	98
68) m/p-Xylenes	11.794	106	314398	105.108	ug/l	99
69) o-Xylene	12.117	106	143752	52.592	ug/l	98
70) Styrene	12.135	104	258779	52.725	ug/l	99
71) Bromoform	12.294	173	49049	52.126	ug/l #	98
73) Isopropylbenzene	12.417	105	368942	54.560	ug/l	99
74) N-amyl acetate	12.229	43	91094	46.937	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.670	83	79095	53.190	ug/l	97
76) 1,2,3-Trichloropropane	12.723	75	94996	94.421	ug/l #	100
77) Bromobenzene	12.699	156	93388	53.242	ug/l	98
78) n-propylbenzene	12.758	91	459207	54.114	ug/l	100
79) 2-Chlorotoluene	12.847	91	267543	54.202	ug/l	99
80) 1,3,5-Trimethylbenzene	12.899	105	319547	55.404	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.464	75	26774	50.514	ug/l	97
82) 4-Chlorotoluene	12.941	91	279526	52.462	ug/l	98
83) tert-Butylbenzene	13.164	119	262622	54.566	ug/l	100
84) 1,2,4-Trimethylbenzene	13.211	105	322437	54.640	ug/l	99
85) sec-Butylbenzene	13.341	105	397242	53.523	ug/l	99
86) p-Isopropyltoluene	13.458	119	335905	53.851	ug/l	99
87) 1,3-Dichlorobenzene	13.458	146	186193	50.901	ug/l	99
88) 1,4-Dichlorobenzene	13.535	146	183113	49.655	ug/l	99
89) n-Butylbenzene	13.788	91	313788	51.821	ug/l	100
90) Hexachloroethane	14.052	117	69570	50.407	ug/l	97
91) 1,2-Dichlorobenzene	13.829	146	163556	51.471	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.441	75	11990	50.591	ug/l	97
93) 1,2,4-Trichlorobenzene	15.099	180	102718	51.401	ug/l	99
94) Hexachlorobutadiene	15.199	225	51628	49.659	ug/l	97
95) Naphthalene	15.329	128	199419	53.146	ug/l	98
96) 1,2,3-Trichlorobenzene	15.517	180	94863	53.076	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051625\
Data File : VD080380.D
Acq On : 16 May 2025 19:28
Operator : RP/MD
Sample : VSTDCCC050EC
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 23 Sample Multiplier: 1

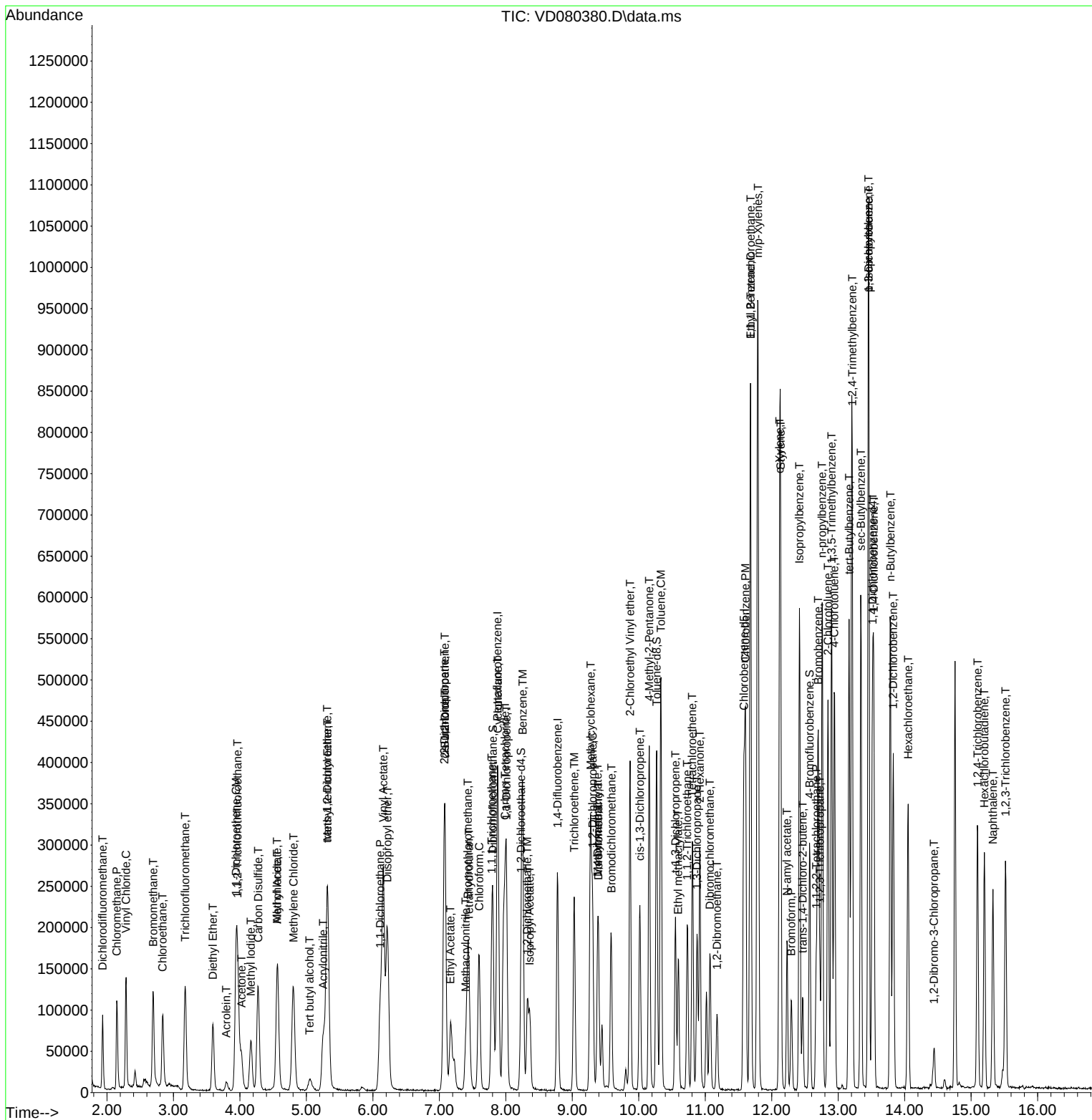
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

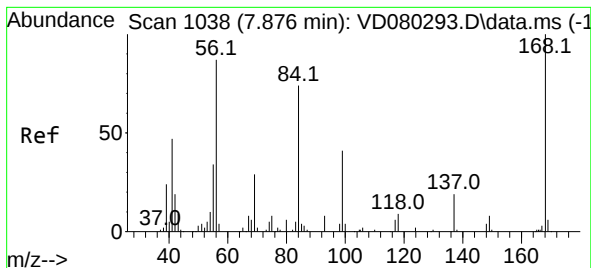
Quant Time: May 17 01:24:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050625S.M
Quant Title : SW846 8260
QLast Update : Wed May 07 08:57:11 2025
Response via : Initial Calibration

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

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

Quant Time: May 17 01:24:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050625S.M
Quant Title : SW846 8260
QLast Update : Wed May 07 08:57:11 2025
Response via : Initial Calibration

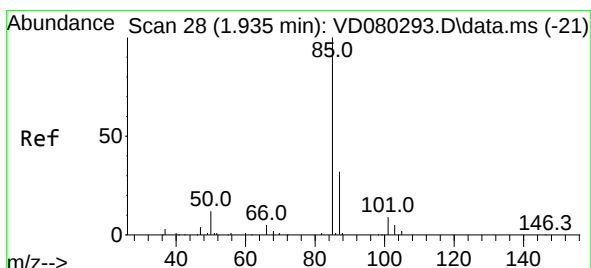
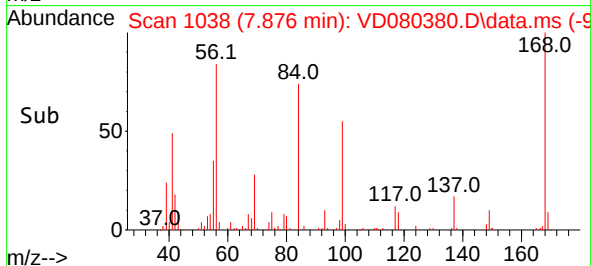
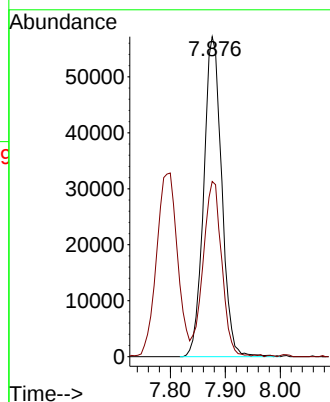
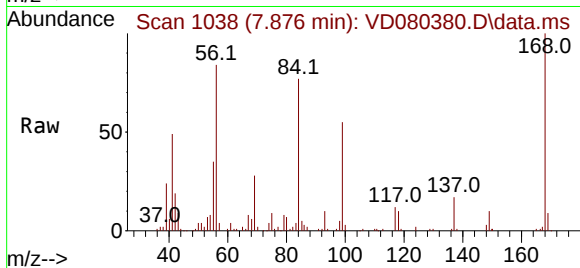




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.001 min
Lab File: VD080380.D
Acq: 16 May 2025 19:28

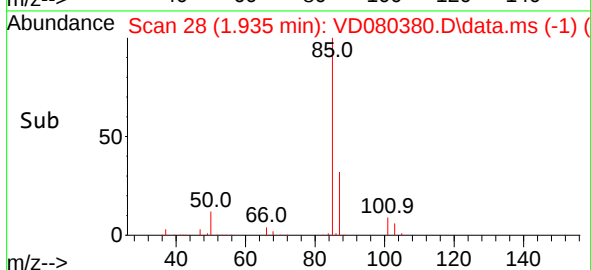
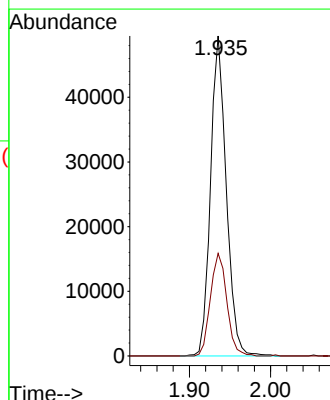
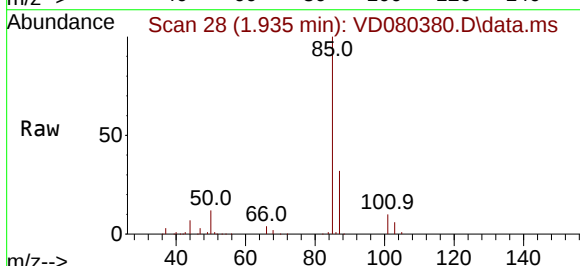
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

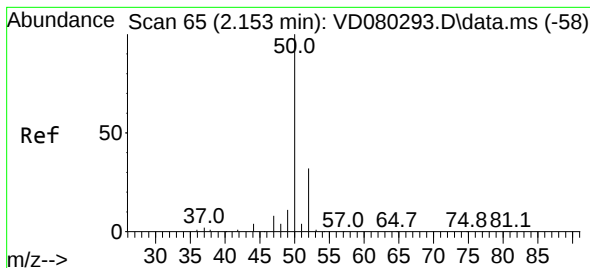
Tgt Ion:168 Resp: 129912
Ion Ratio Lower Upper
168 100
99 54.4 46.0 69.0



#2
Dichlorodifluoromethane
Concen: 59.428 ug/l
RT: 1.935 min Scan# 28
Delta R.T. 0.001 min
Lab File: VD080380.D
Acq: 16 May 2025 19:28

Tgt Ion: 85 Resp: 66576
Ion Ratio Lower Upper
85 100
87 32.1 16.1 48.2





#3

Chloromethane

Concen: 43.894 ug/l

RT: 2.147 min Scan# 64

Delta R.T. 0.001 min

Lab File: VD080380.D

Acq: 16 May 2025 19:28

Instrument :

MSVOA_D

ClientSampleId :

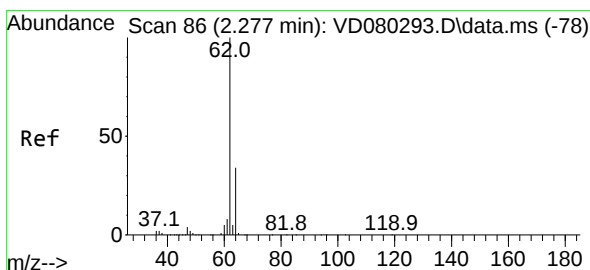
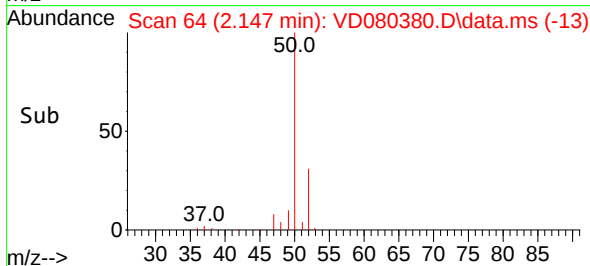
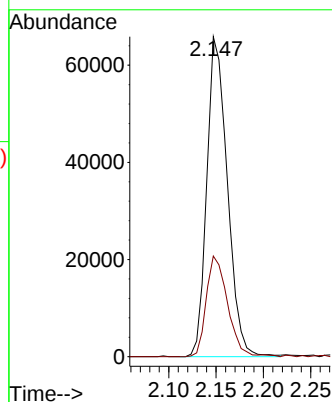
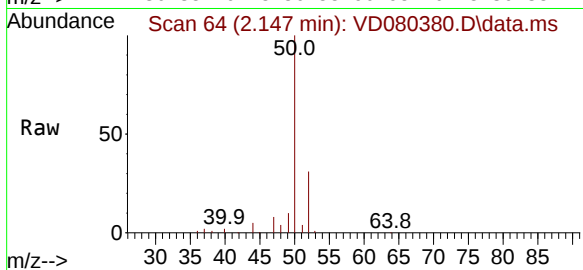
VSTDCCC050EC

Tgt Ion: 50 Resp: 99328

Ion Ratio Lower Upper

50 100

52 31.4 28.8 43.2



#4

Vinyl Chloride

Concen: 36.263 ug/l

RT: 2.288 min Scan# 88

Delta R.T. 0.007 min

Lab File: VD080380.D

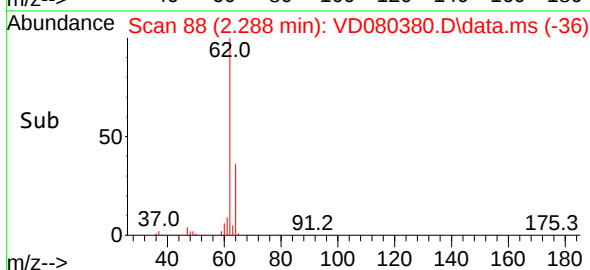
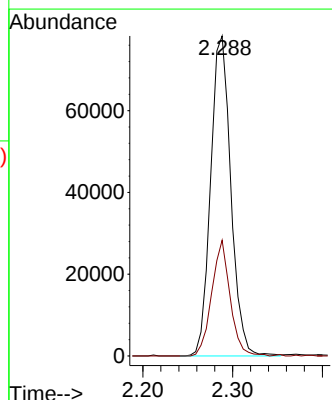
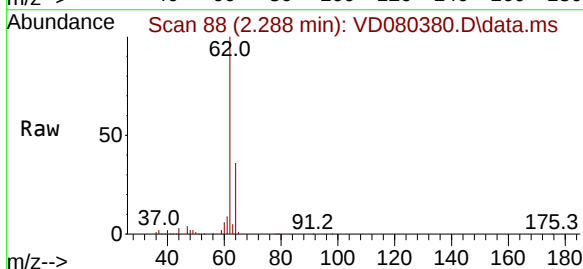
Acq: 16 May 2025 19:28

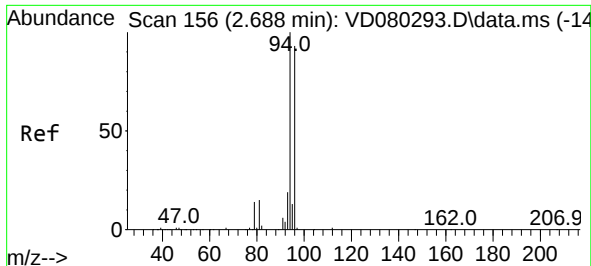
Tgt Ion: 62 Resp: 122471

Ion Ratio Lower Upper

62 100

64 36.2 26.5 39.7

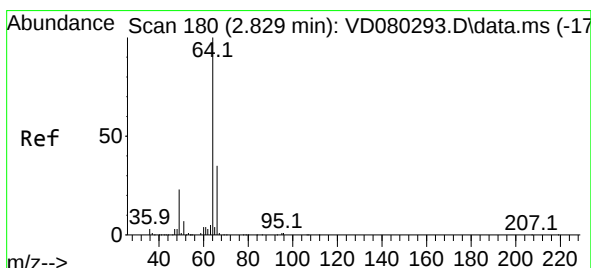
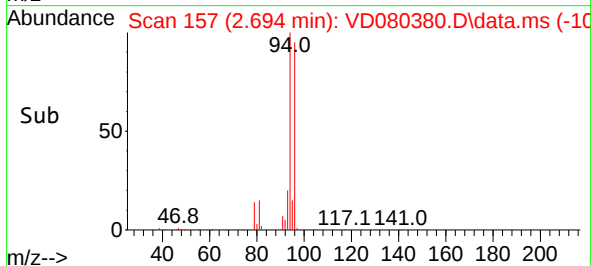
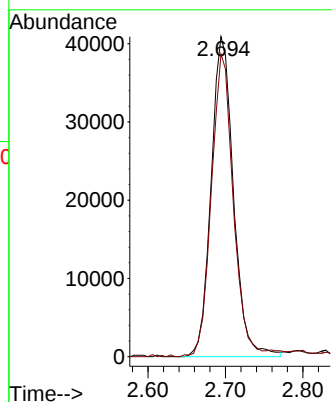
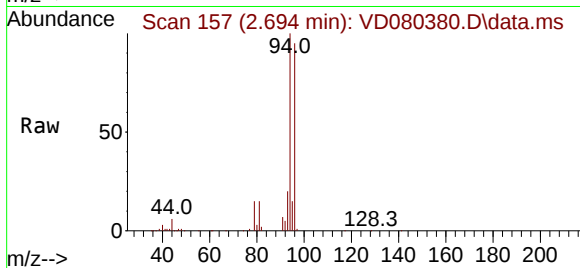




#5
Bromomethane
Concen: 33.745 ug/l
RT: 2.694 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD080380.D
Acq: 16 May 2025 19:28

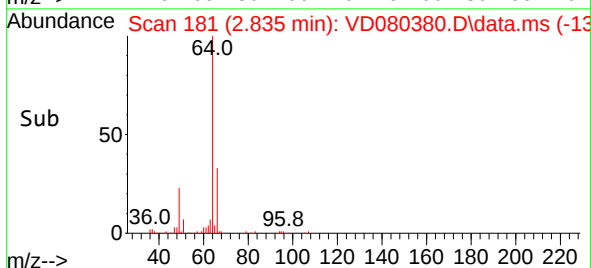
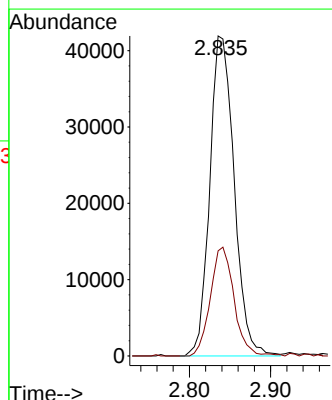
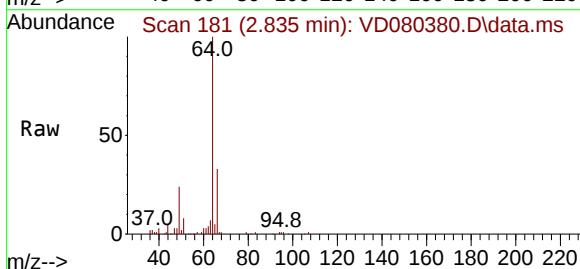
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

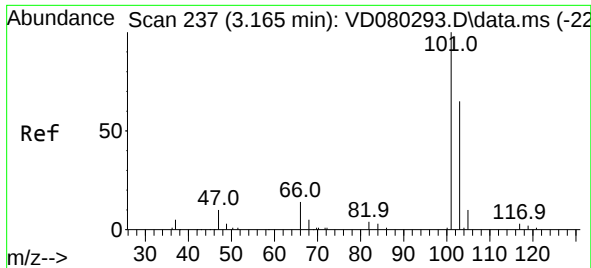
Tgt Ion: 94 Resp: 82035
Ion Ratio Lower Upper
94 100
96 92.3 76.2 114.2



#6
Chloroethane
Concen: 36.694 ug/l
RT: 2.835 min Scan# 181
Delta R.T. 0.001 min
Lab File: VD080380.D
Acq: 16 May 2025 19:28

Tgt Ion: 64 Resp: 87623
Ion Ratio Lower Upper
64 100
66 32.9 27.6 41.4

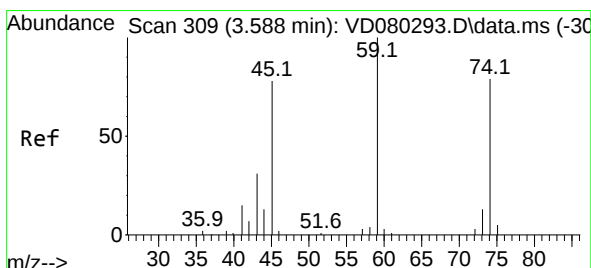
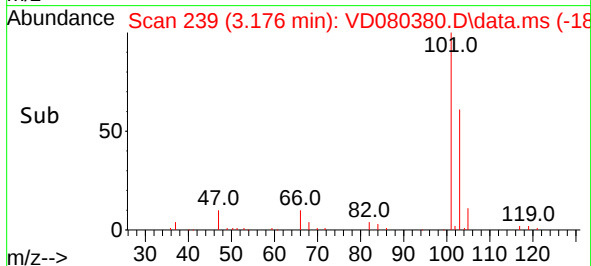
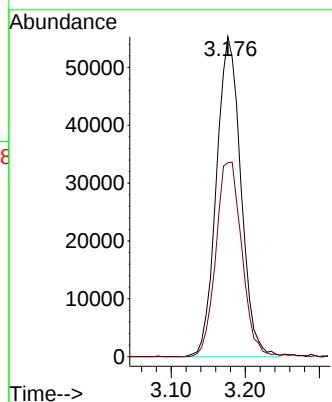
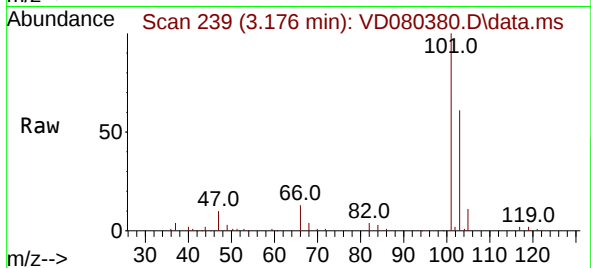




#7
 Trichlorofluoromethane
 Concen: 48.994 ug/l
 RT: 3.176 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD080380.D
 Acq: 16 May 2025 19:28

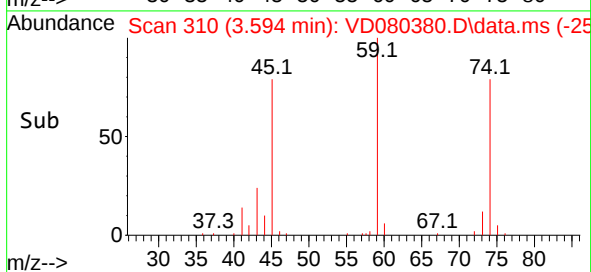
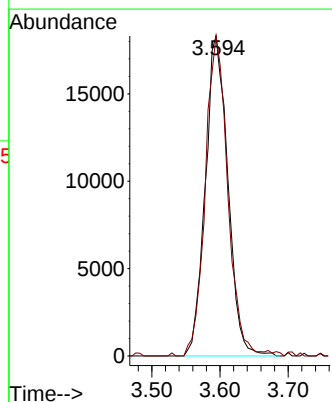
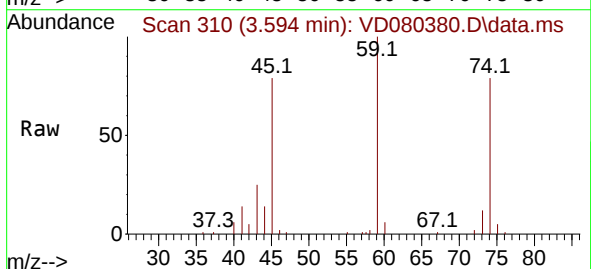
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

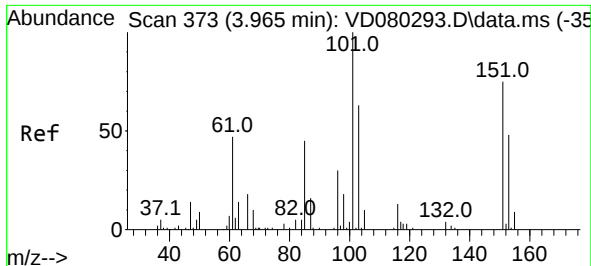
Tgt Ion:101 Resp: 126879
 Ion Ratio Lower Upper
 101 100
 103 60.6 53.0 79.6



#8
 Diethyl Ether
 Concen: 52.754 ug/l
 RT: 3.594 min Scan# 310
 Delta R.T. 0.001 min
 Lab File: VD080380.D
 Acq: 16 May 2025 19:28

Tgt Ion: 74 Resp: 42171
 Ion Ratio Lower Upper
 74 100
 45 99.1 47.8 143.3

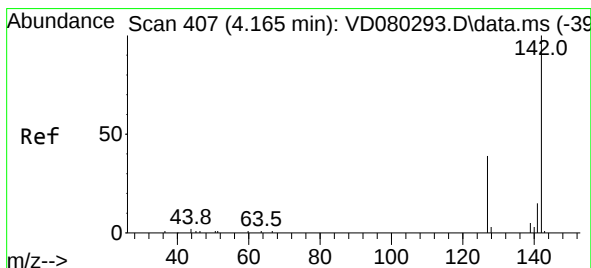
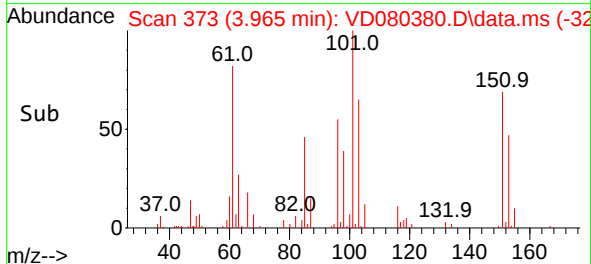
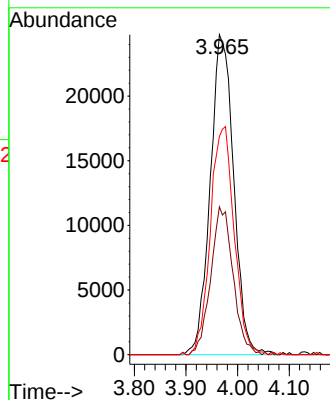
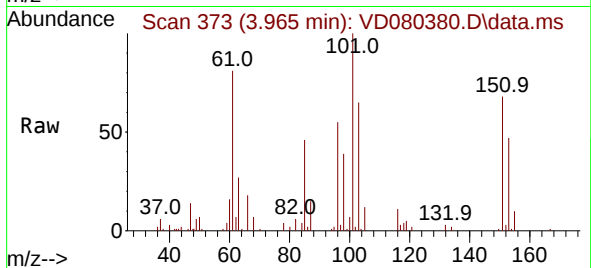




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.908 ug/l
RT: 3.965 min Scan# 31
Delta R.T. -0.005 min
Lab File: VD080380.D
Acq: 16 May 2025 19:28

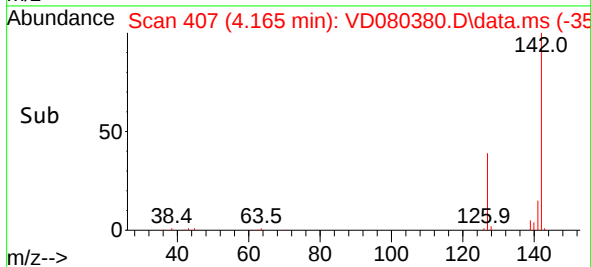
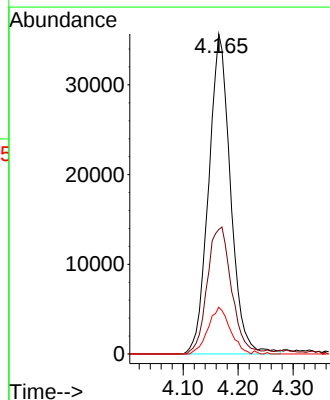
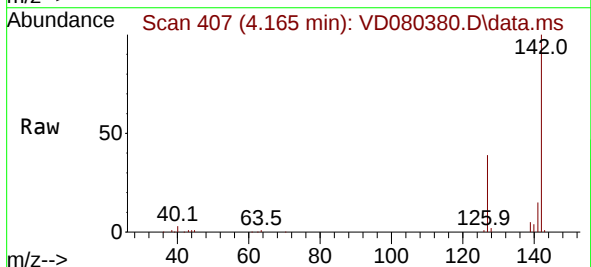
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

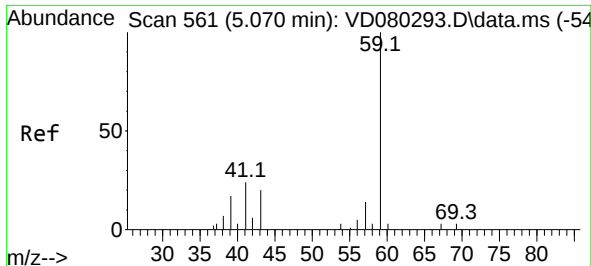
Tgt Ion:101 Resp: 78036
Ion Ratio Lower Upper
101 100
85 44.1 35.3 52.9
151 72.2 60.3 90.5



#10
Methyl Iodide
Concen: 60.615 ug/l
RT: 4.165 min Scan# 407
Delta R.T. 0.001 min
Lab File: VD080380.D
Acq: 16 May 2025 19:28

Tgt Ion:142 Resp: 98590
Ion Ratio Lower Upper
142 100
127 44.2 35.3 52.9
141 14.7 12.2 18.2

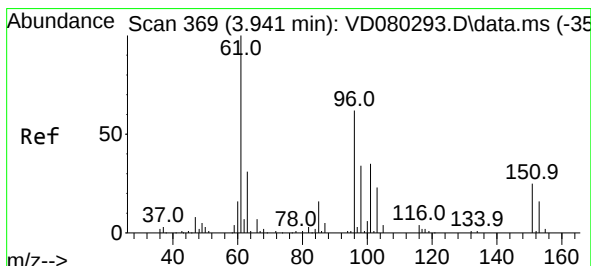
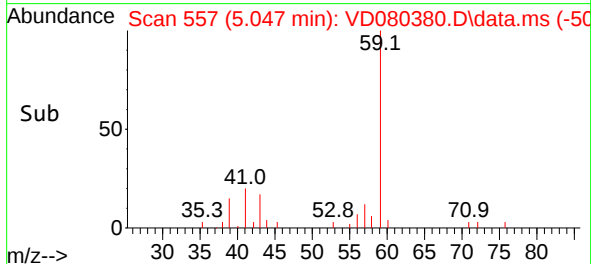
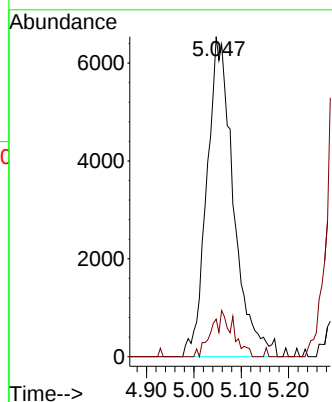
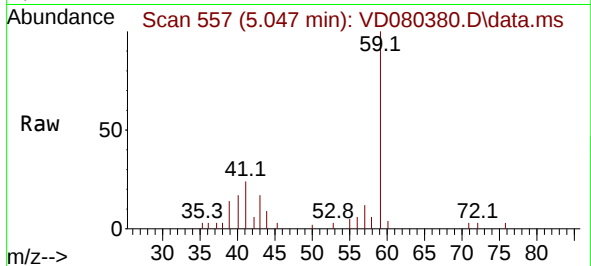




#11
Tert butyl alcohol
Concen: 250.660 ug/l
RT: 5.047 min Scan# 51
Delta R.T. -0.011 min
Lab File: VD080380.D
Acq: 16 May 2025 19:28

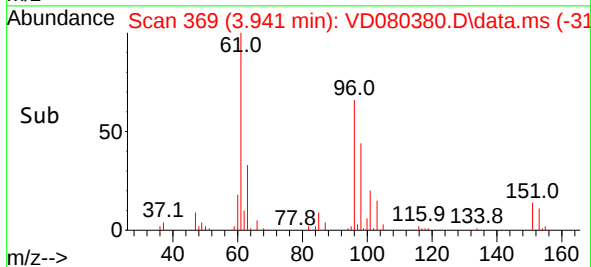
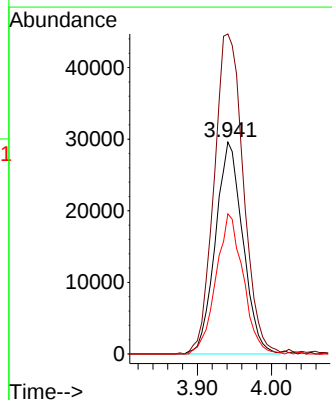
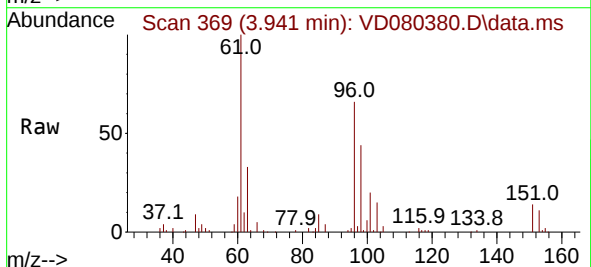
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

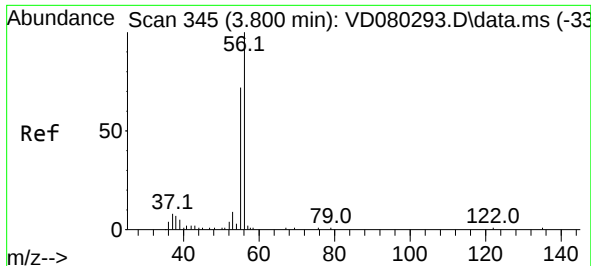
Tgt Ion: 59 Resp: 25553
Ion Ratio Lower Upper
59 100
57 11.8 4.8 7.2#



#12
1,1-Dichloroethene
Concen: 48.428 ug/l
RT: 3.941 min Scan# 369
Delta R.T. 0.001 min
Lab File: VD080380.D
Acq: 16 May 2025 19:28

Tgt Ion: 96 Resp: 76179
Ion Ratio Lower Upper
96 100
61 150.5 122.6 184.0
98 66.1 47.1 70.7

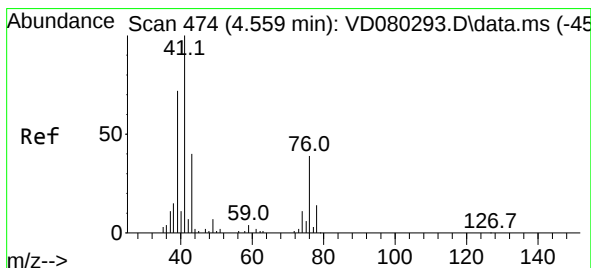
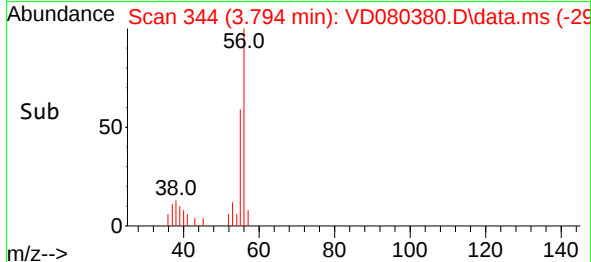
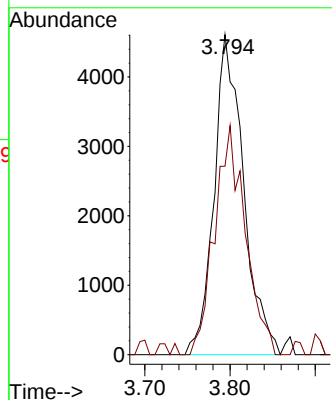
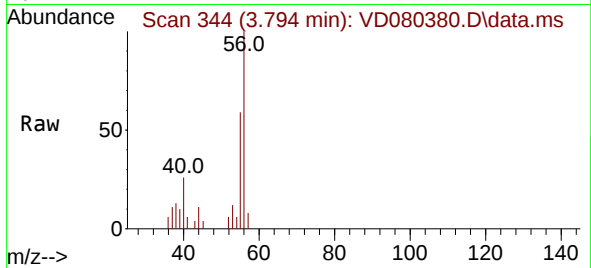




#13
Acrolein
Concen: 61.706 ug/l
RT: 3.794 min Scan# 345
Delta R.T. 0.001 min
Lab File: VD080380.D
Acq: 16 May 2025 19:28

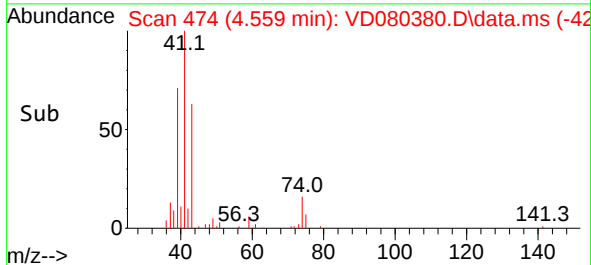
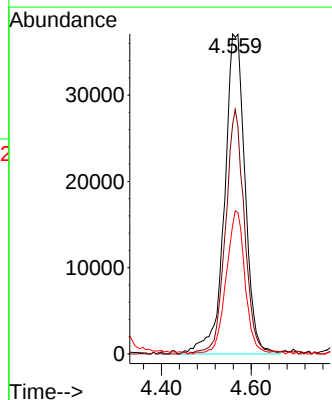
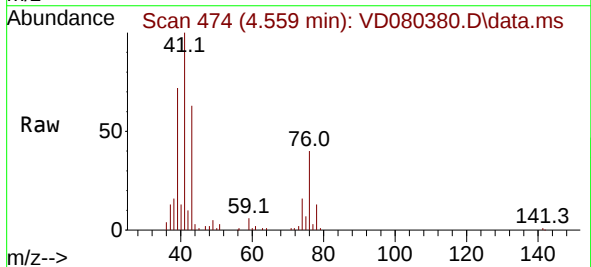
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

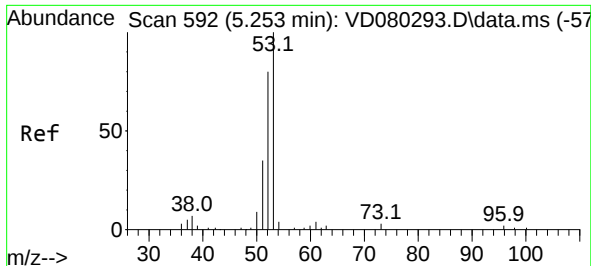
Tgt Ion: 56 Resp: 11068
Ion Ratio Lower Upper
56 100
55 74.9 58.2 87.2



#14
Allyl chloride
Concen: 47.954 ug/l
RT: 4.559 min Scan# 474
Delta R.T. -0.005 min
Lab File: VD080380.D
Acq: 16 May 2025 19:28

Tgt Ion: 41 Resp: 118636
Ion Ratio Lower Upper
41 100
39 70.3 53.3 79.9
76 41.0 32.0 48.0

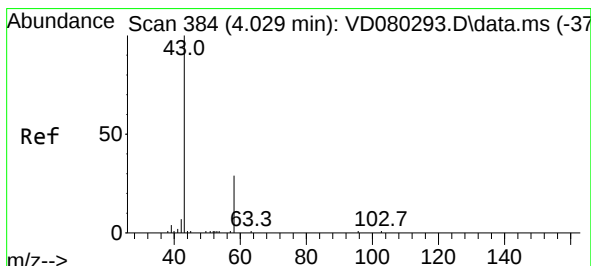
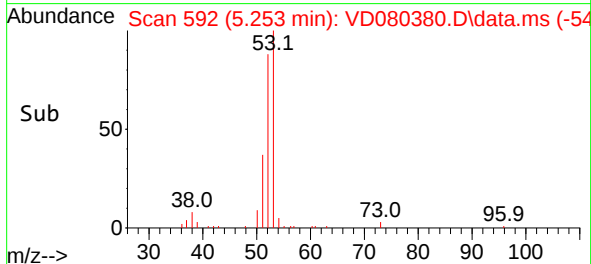
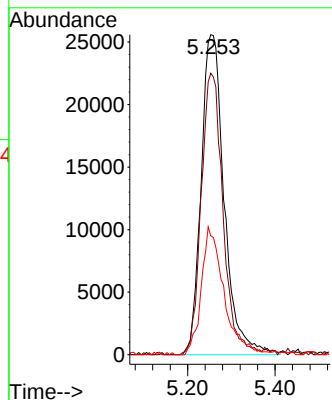
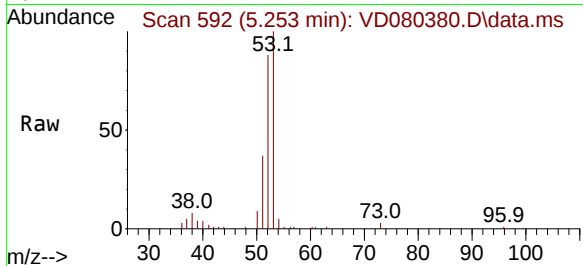




#15
Acrylonitrile
Concen: 244.013 ug/l
RT: 5.253 min Scan# 592
Delta R.T. 0.001 min
Lab File: VD080380.D
Acq: 16 May 2025 19:28

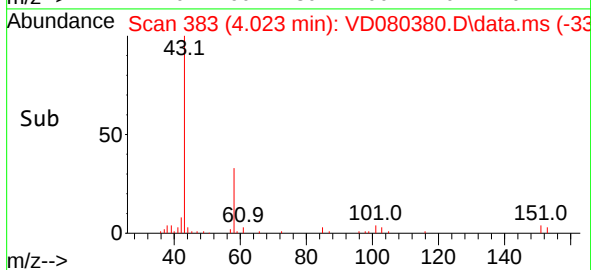
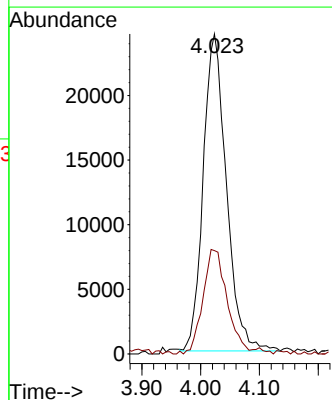
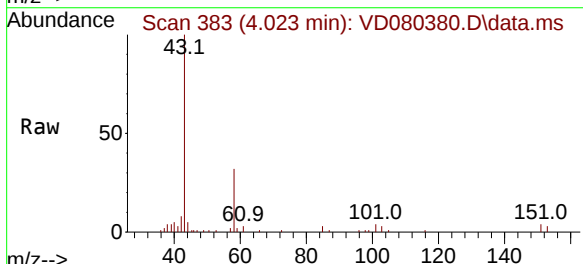
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

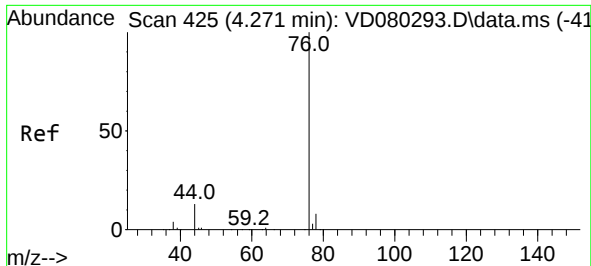
Tgt Ion: 53 Resp: 93778
Ion Ratio Lower Upper
53 100
52 83.0 66.2 99.4
51 39.2 30.3 45.5



#16
Acetone
Concen: 261.977 ug/l
RT: 4.023 min Scan# 383
Delta R.T. 0.000 min
Lab File: VD080380.D
Acq: 16 May 2025 19:28

Tgt Ion: 43 Resp: 67392
Ion Ratio Lower Upper
43 100
58 31.7 25.4 38.2

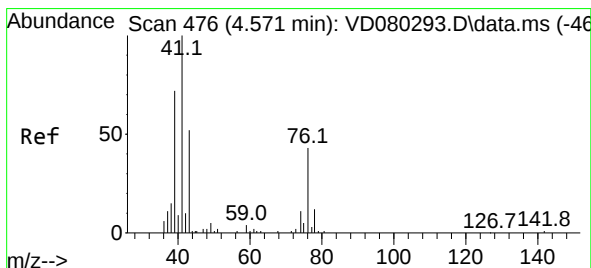
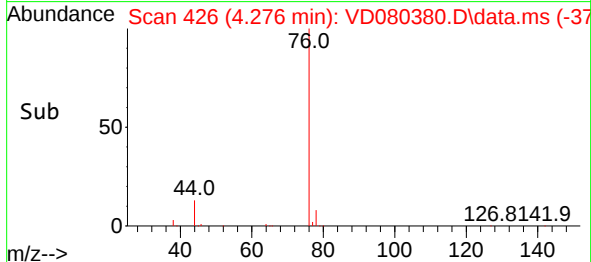
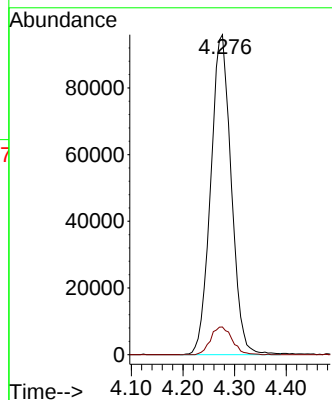
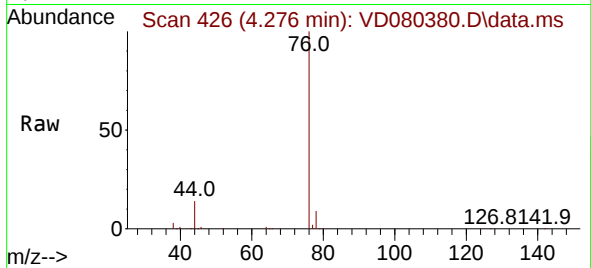




#17
Carbon Disulfide
Concen: 48.508 ug/l
RT: 4.276 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD080380.D
Acq: 16 May 2025 19:28

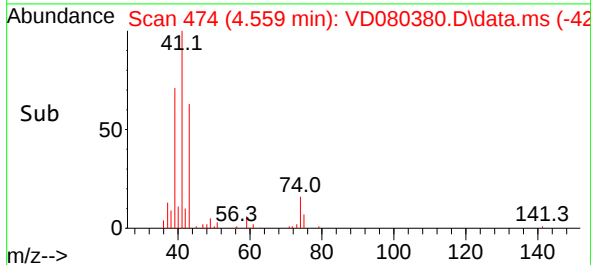
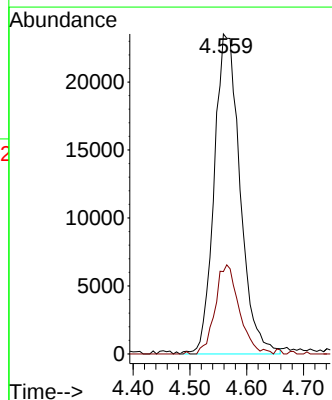
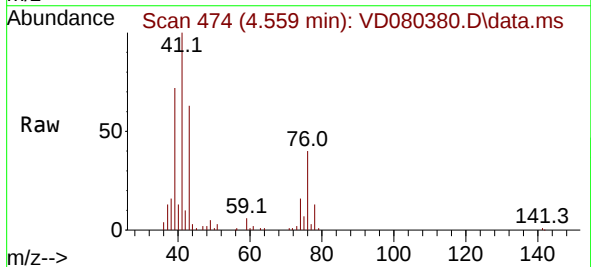
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

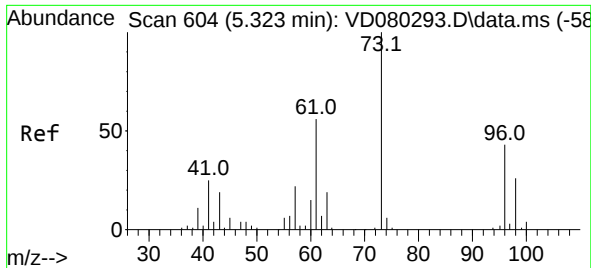
Tgt Ion: 76 Resp: 264970
Ion Ratio Lower Upper
76 100
78 8.6 7.5 11.3



#18
Methyl Acetate
Concen: 68.595 ug/l
RT: 4.559 min Scan# 474
Delta R.T. -0.005 min
Lab File: VD080380.D
Acq: 16 May 2025 19:28

Tgt Ion: 43 Resp: 74567
Ion Ratio Lower Upper
43 100
74 25.8 20.5 30.7

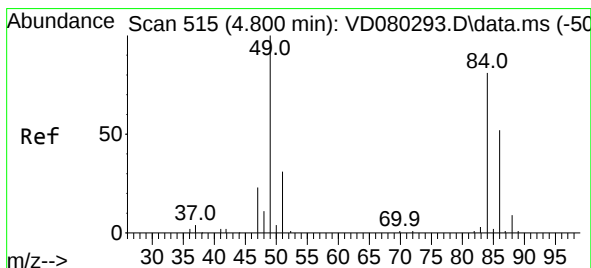
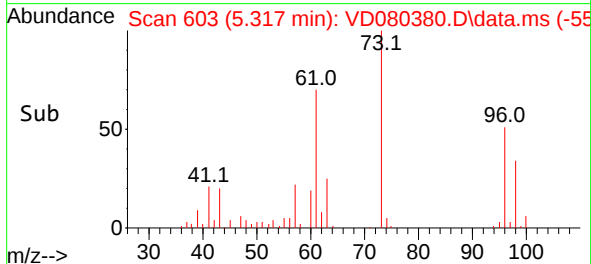
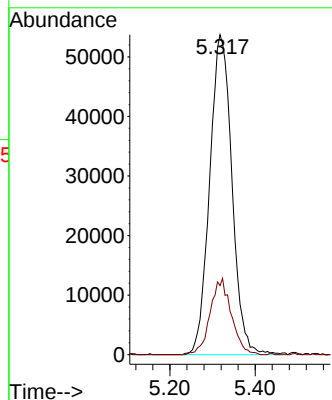
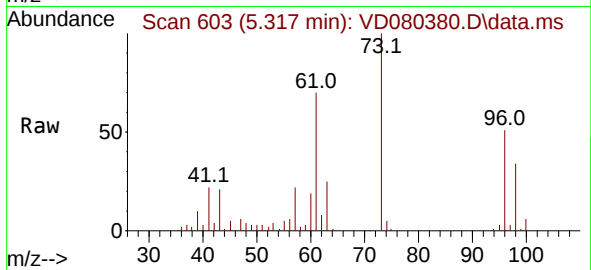




#19
Methyl tert-butyl Ether
Concen: 56.467 ug/l
RT: 5.317 min Scan# 604
Delta R.T. -0.005 min
Lab File: VD080380.D
Acq: 16 May 2025 19:28

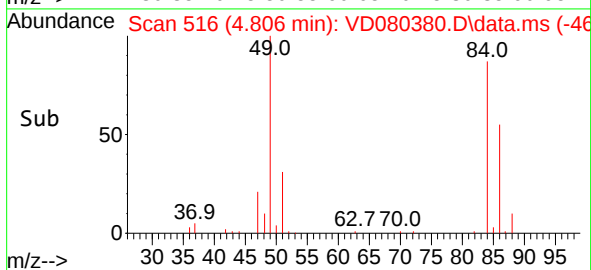
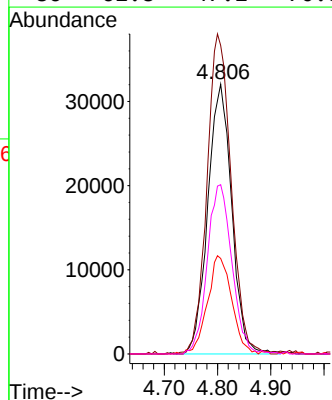
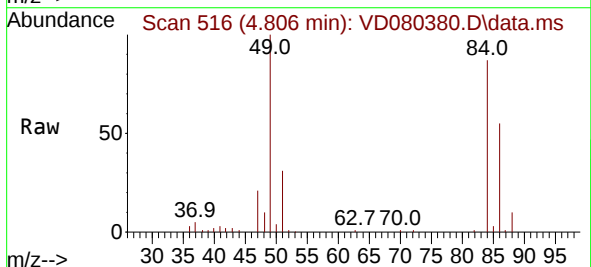
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

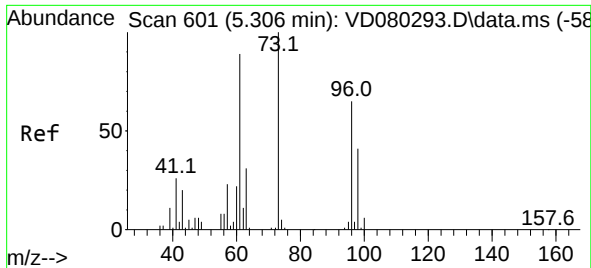
Tgt Ion: 73 Resp: 195137
Ion Ratio Lower Upper
73 100
57 21.6 18.8 28.2



#20
Methylene Chloride
Concen: 56.303 ug/l
RT: 4.806 min Scan# 516
Delta R.T. 0.001 min
Lab File: VD080380.D
Acq: 16 May 2025 19:28

Tgt Ion: 84 Resp: 100151
Ion Ratio Lower Upper
84 100
49 113.8 86.5 129.7
51 35.4 26.9 40.3
86 62.8 47.2 70.8

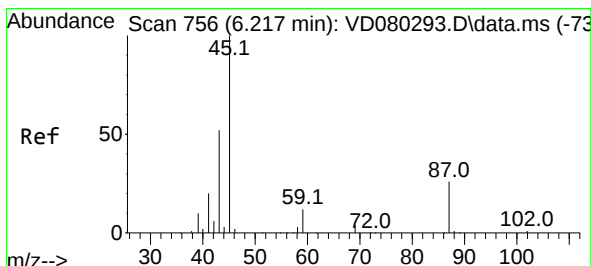
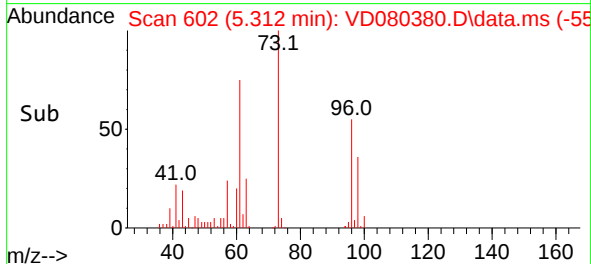
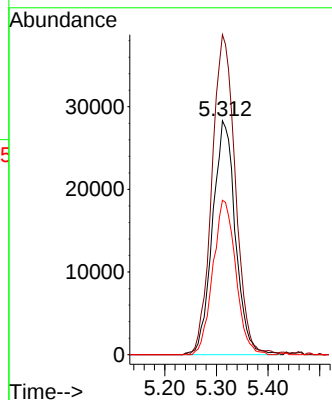
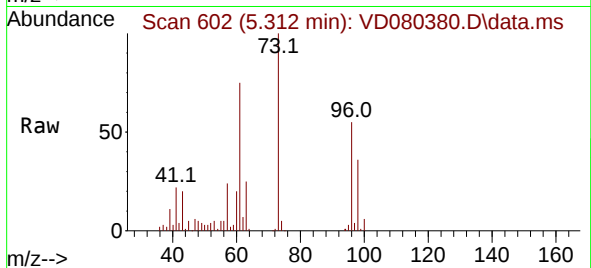




#21
trans-1,2-Dichloroethene
Concen: 50.972 ug/l
RT: 5.312 min Scan# 601
Delta R.T. 0.001 min
Lab File: VD080380.D
Acq: 16 May 2025 19:28

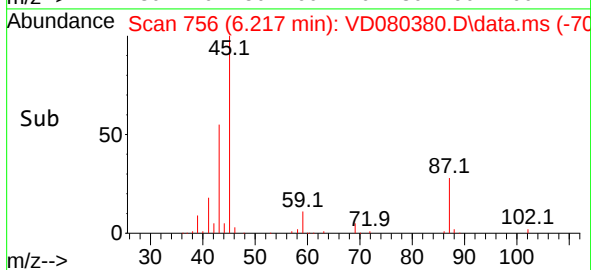
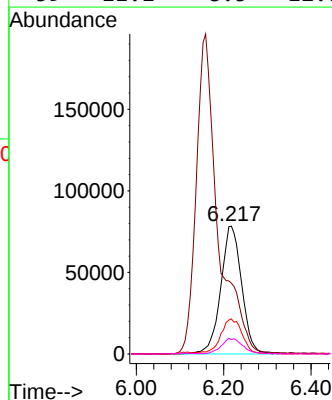
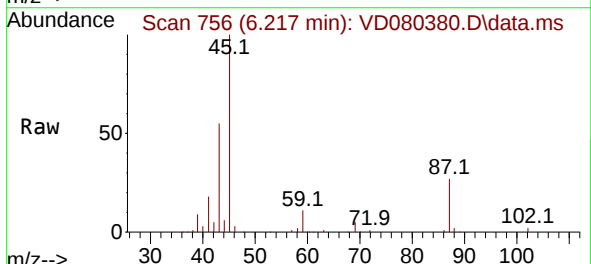
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

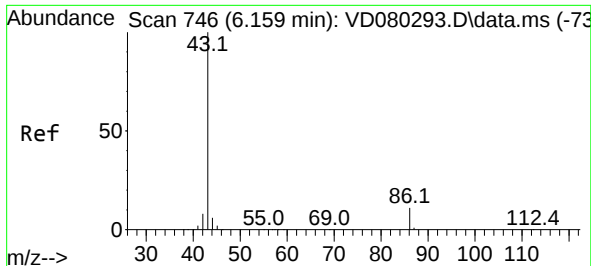
Tgt Ion: 96 Resp: 87105
Ion Ratio Lower Upper
96 100
61 136.8 109.4 164.0
98 66.0 49.8 74.8



#22
Diisopropyl ether
Concen: 51.054 ug/l
RT: 6.217 min Scan# 756
Delta R.T. 0.001 min
Lab File: VD080380.D
Acq: 16 May 2025 19:28

Tgt Ion: 45 Resp: 260183
Ion Ratio Lower Upper
45 100
43 54.5 42.6 63.8
87 27.3 22.7 34.1
59 11.1 8.5 12.7

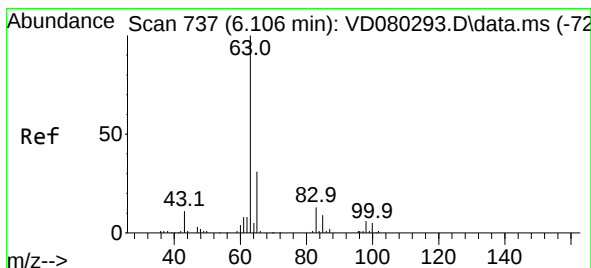
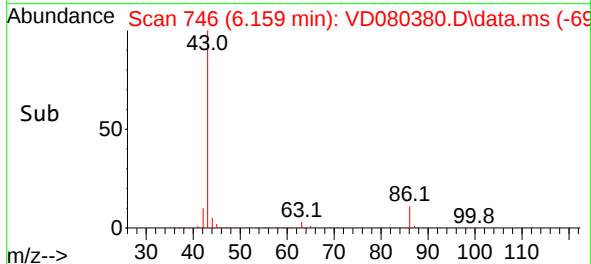
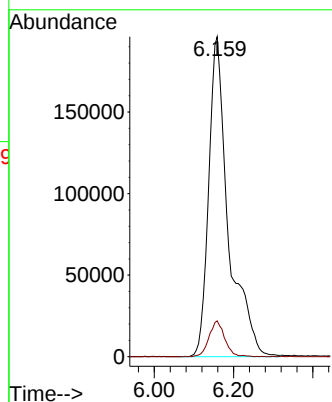
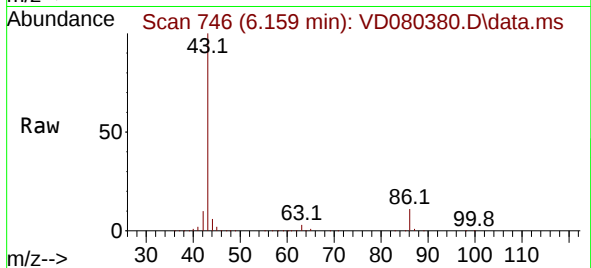




#23
 Vinyl Acetate
 Concen: 228.343 ug/l
 RT: 6.159 min Scan# 746
 Delta R.T. 0.001 min
 Lab File: VD080380.D
 Acq: 16 May 2025 19:28

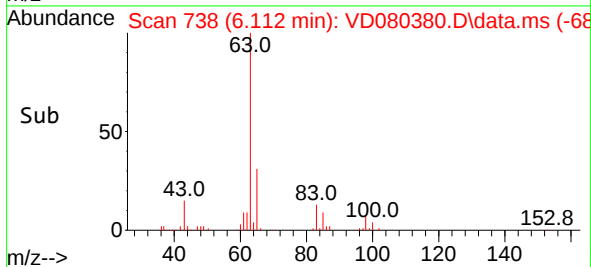
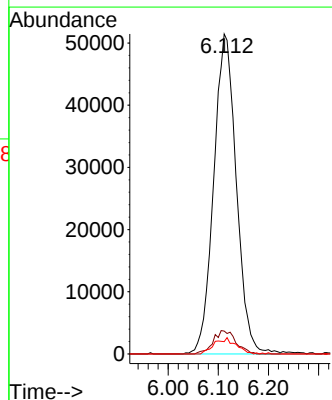
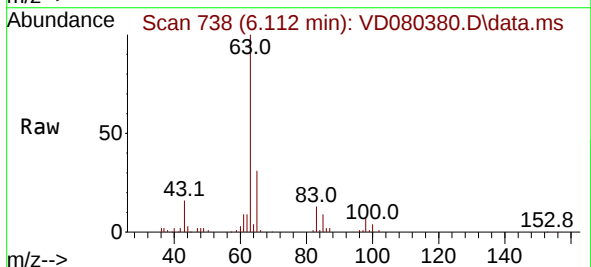
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

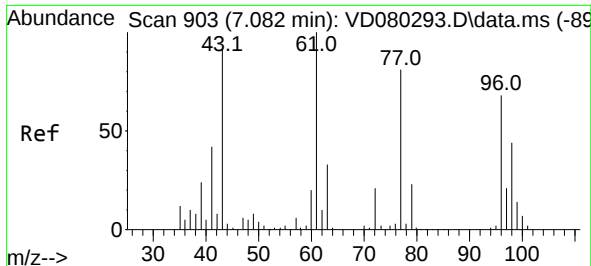
Tgt Ion: 43 Resp: 677754
 Ion Ratio Lower Upper
 43 100
 86 11.2 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 50.280 ug/l
 RT: 6.112 min Scan# 738
 Delta R.T. -0.005 min
 Lab File: VD080380.D
 Acq: 16 May 2025 19:28

Tgt Ion: 63 Resp: 161240
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.6
 100 3.8 2.1 6.5

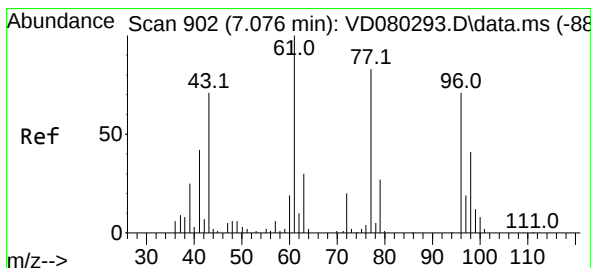
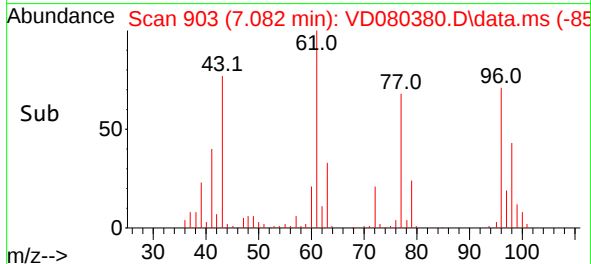
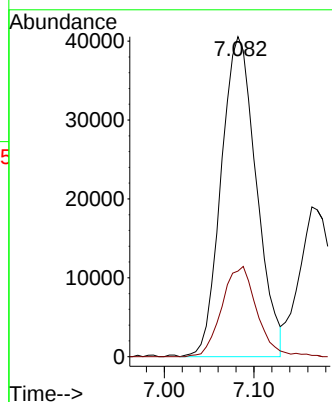
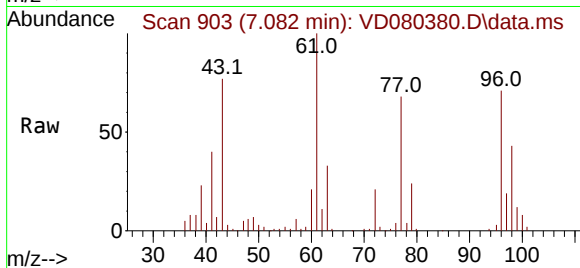




#25
2-Butanone
Concen: 238.868 ug/l
RT: 7.082 min Scan# 903
Delta R.T. -0.005 min
Lab File: VD080380.D
Acq: 16 May 2025 19:28

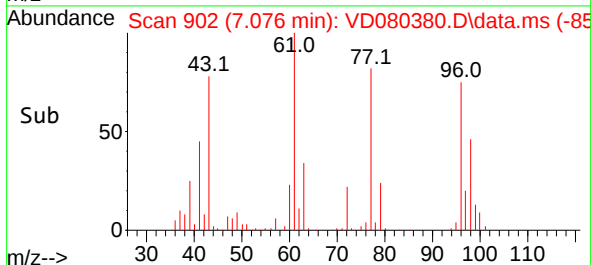
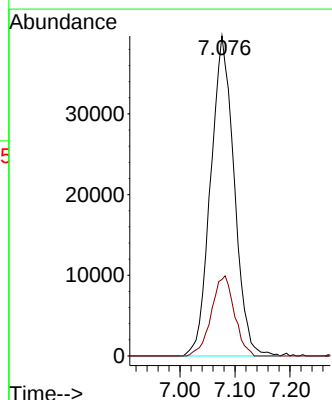
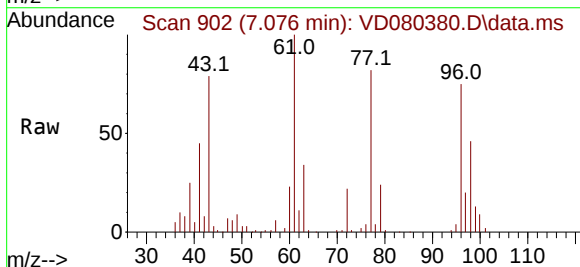
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

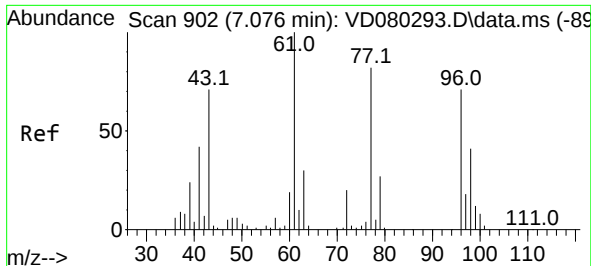
Tgt Ion: 43 Resp: 110414
Ion Ratio Lower Upper
43 100
72 26.8 22.3 33.5



#26
2,2-Dichloropropane
Concen: 46.193 ug/l
RT: 7.076 min Scan# 902
Delta R.T. 0.001 min
Lab File: VD080380.D
Acq: 16 May 2025 19:28

Tgt Ion: 77 Resp: 117874
Ion Ratio Lower Upper
77 100
97 24.5 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 53.413 ug/l

RT: 7.082 min Scan# 90

Delta R.T. 0.001 min

Lab File: VD080380.D

Acq: 16 May 2025 19:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

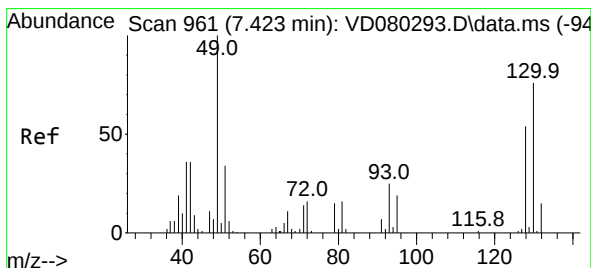
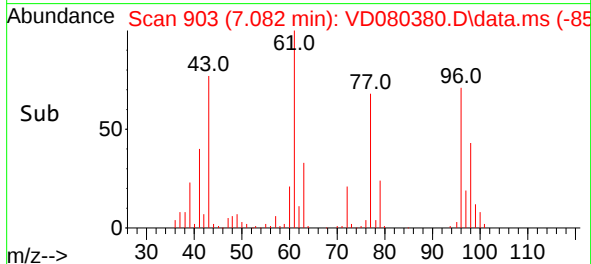
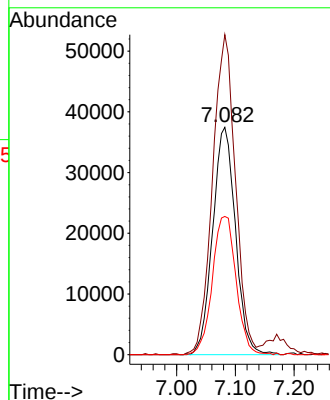
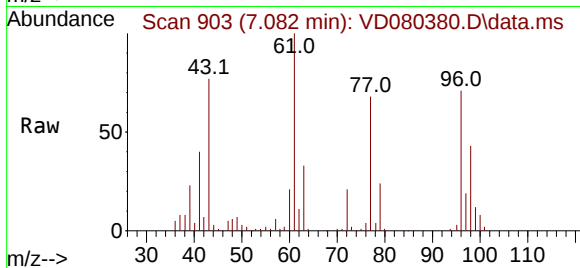
Tgt Ion: 96 Resp: 101129

Ion Ratio Lower Upper

96 100

61 140.9 0.0 278.2

98 63.3 0.0 127.8



#28

Bromochloromethane

Concen: 44.973 ug/l

RT: 7.429 min Scan# 962

Delta R.T. 0.001 min

Lab File: VD080380.D

Acq: 16 May 2025 19:28

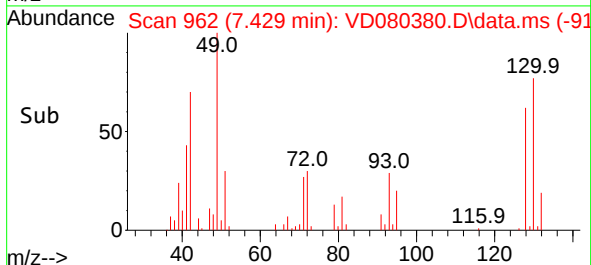
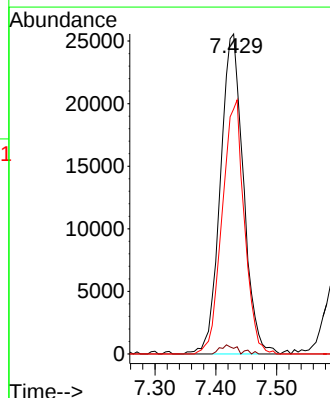
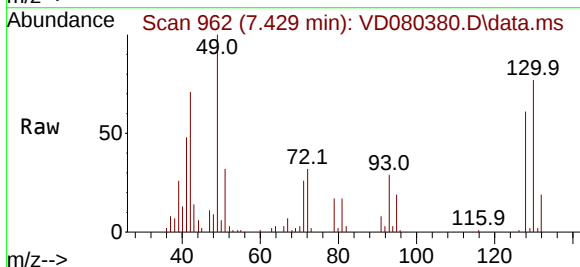
Tgt Ion: 49 Resp: 67150

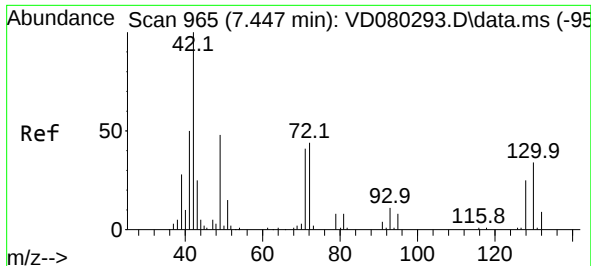
Ion Ratio Lower Upper

49 100

129 1.9 0.0 2.2

130 76.2 64.6 97.0





#29

Tetrahydrofuran

Concen: 250.804 ug/l

RT: 7.447 min Scan# 90

Delta R.T. 0.001 min

Lab File: VD080380.D

Acq: 16 May 2025 19:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

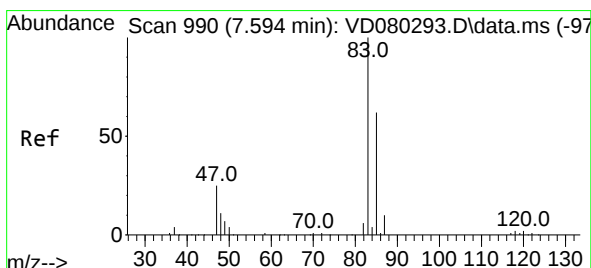
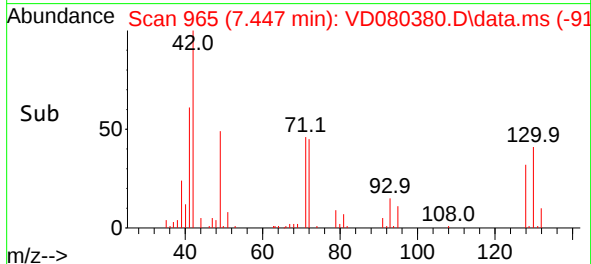
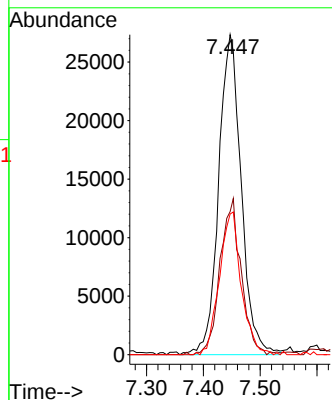
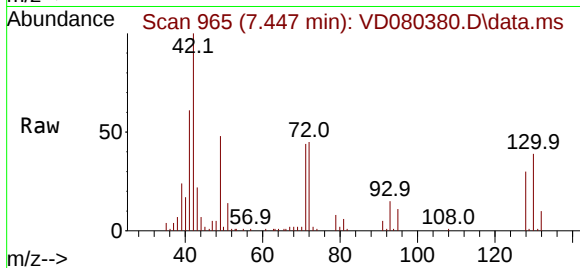
Tgt Ion: 42 Resp: 75589

Ion Ratio Lower Upper

42 100

72 45.4 36.7 55.1

71 43.1 34.4 51.6



#30

Chloroform

Concen: 52.133 ug/l

RT: 7.600 min Scan# 991

Delta R.T. 0.001 min

Lab File: VD080380.D

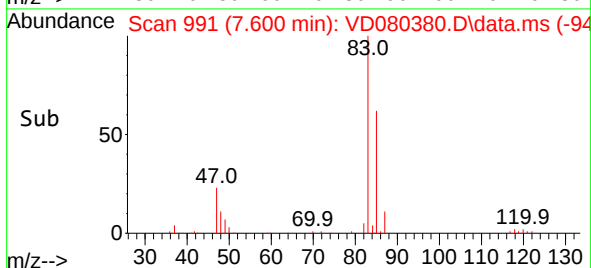
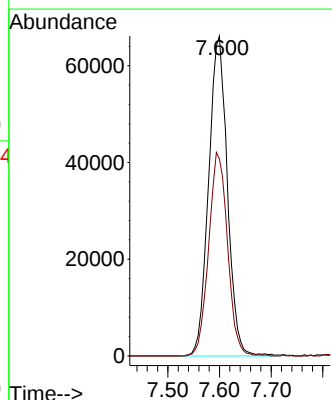
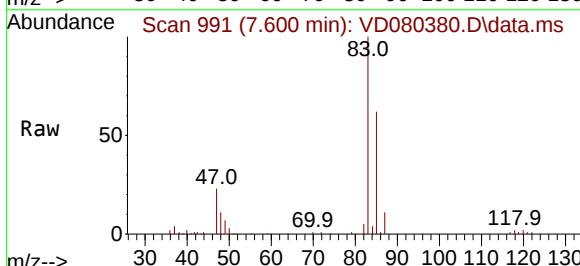
Acq: 16 May 2025 19:28

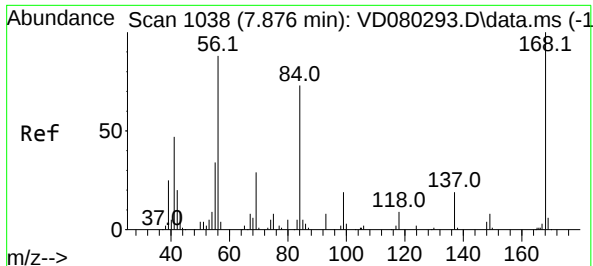
Tgt Ion: 83 Resp: 166721

Ion Ratio Lower Upper

83 100

85 61.6 50.8 76.2

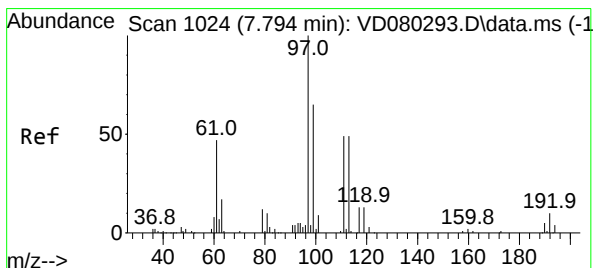
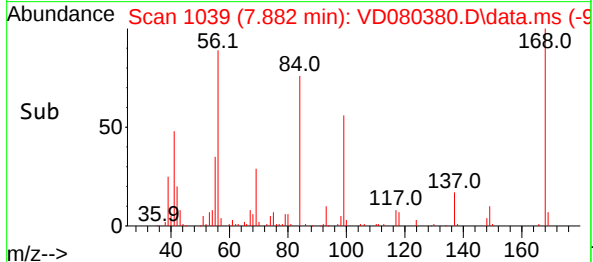
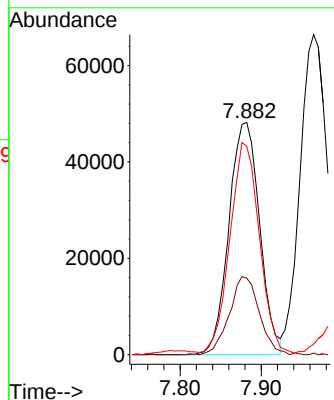
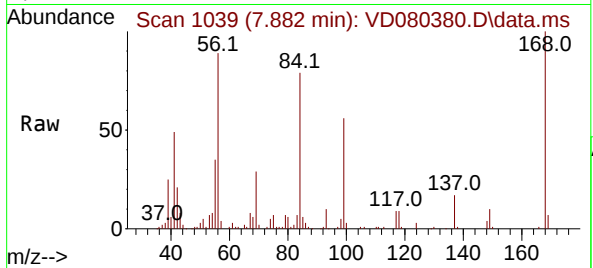




#31
Cyclohexane
Concen: 46.522 ug/l
RT: 7.882 min Scan# 1039
Delta R.T. 0.001 min
Lab File: VD080380.D
Acq: 16 May 2025 19:28

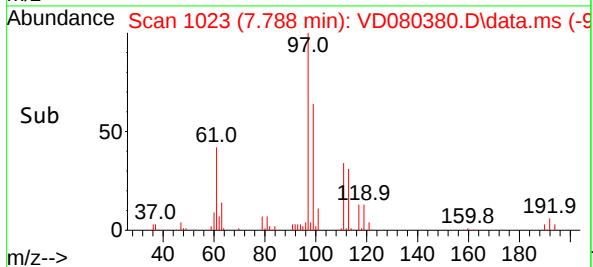
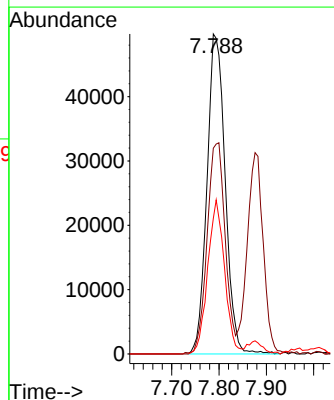
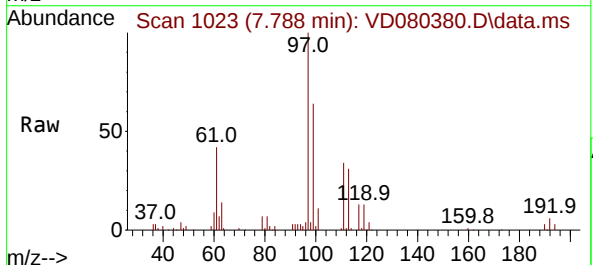
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

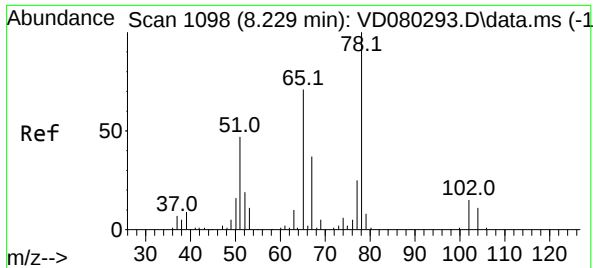
Tgt Ion: 56 Resp: 126975
Ion Ratio Lower Upper
56 100
69 32.9 27.3 40.9
84 88.1 70.2 105.4



#32
1,1,1-Trichloroethane
Concen: 50.931 ug/l
RT: 7.788 min Scan# 1023
Delta R.T. -0.005 min
Lab File: VD080380.D
Acq: 16 May 2025 19:28

Tgt Ion: 97 Resp: 132882
Ion Ratio Lower Upper
97 100
99 65.6 50.7 76.1
61 44.4 34.2 51.2

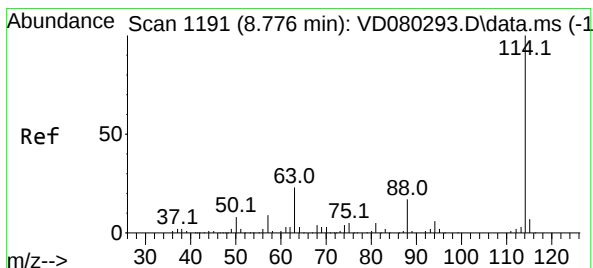
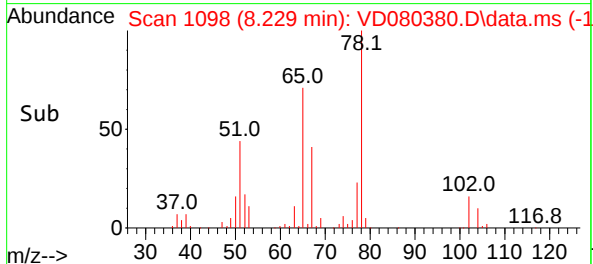
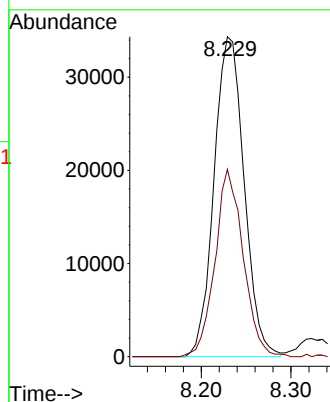
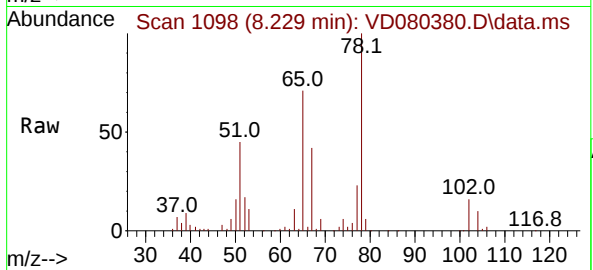




#33
 1,2-Dichloroethane-d4
 Concen: 47.637 ug/l
 RT: 8.229 min Scan# 1098
 Delta R.T. 0.001 min
 Lab File: VD080380.D
 Acq: 16 May 2025 19:28

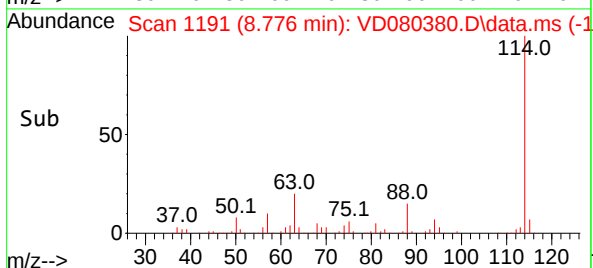
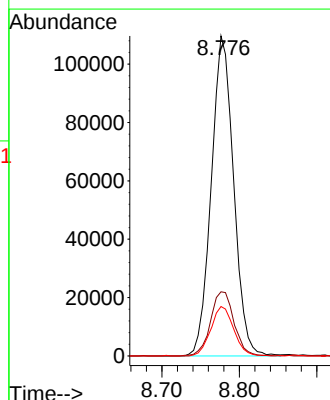
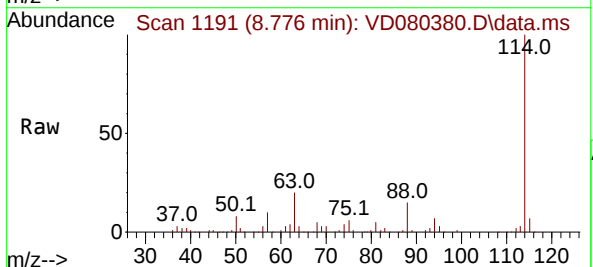
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

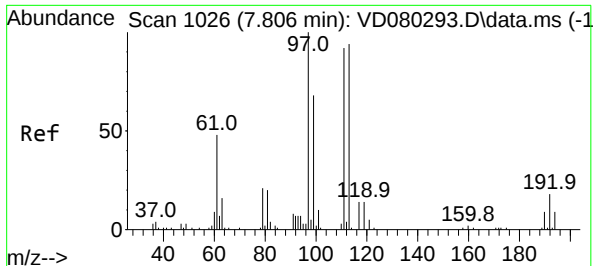
Tgt Ion: 65 Resp: 80030
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.776 min Scan# 1191
 Delta R.T. 0.001 min
 Lab File: VD080380.D
 Acq: 16 May 2025 19:28

Tgt Ion: 114 Resp: 220054
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 38.8
 88 15.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.382 ug/l

RT: 7.806 min Scan# 1026

Delta R.T. 0.001 min

Lab File: VD080380.D

Acq: 16 May 2025 19:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

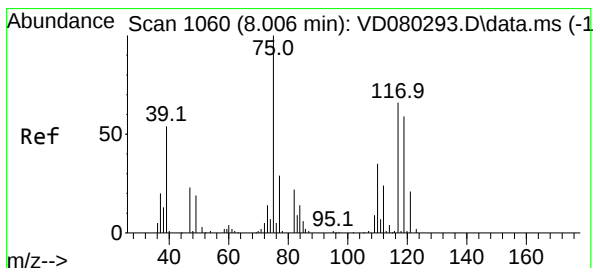
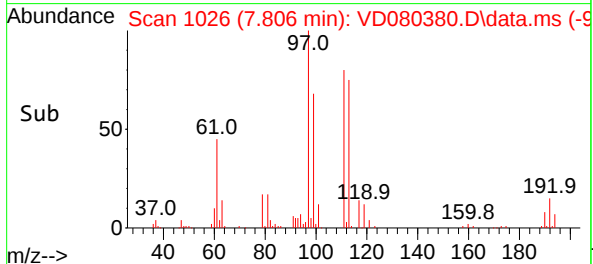
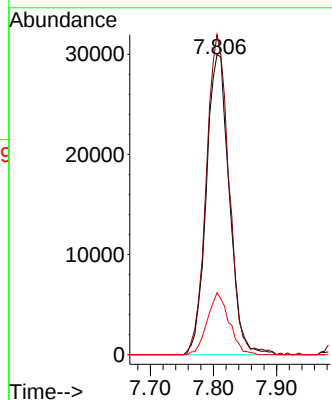
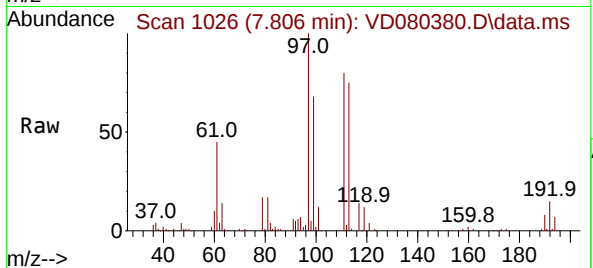
Tgt Ion:113 Resp: 75783

Ion Ratio Lower Upper

113 100

111 105.6 82.5 123.7

192 19.6 16.6 25.0



#36

1,1-Dichloropropene

Concen: 51.277 ug/l

RT: 8.011 min Scan# 1061

Delta R.T. 0.006 min

Lab File: VD080380.D

Acq: 16 May 2025 19:28

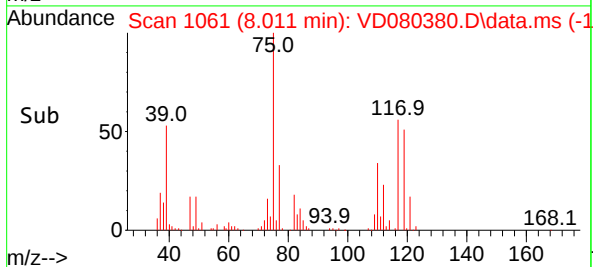
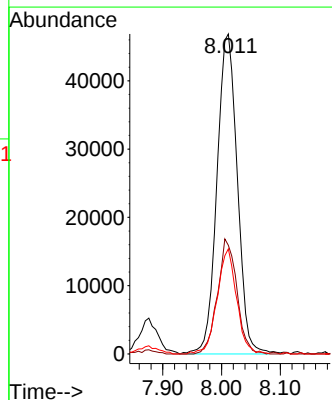
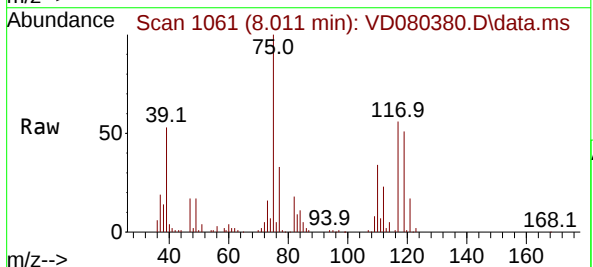
Tgt Ion: 75 Resp: 113028

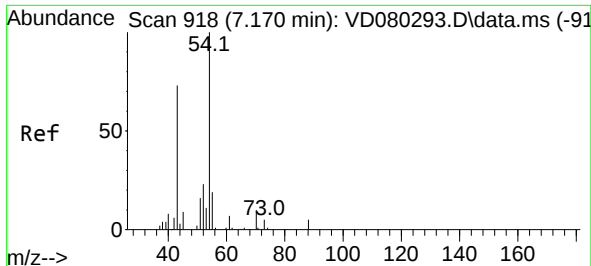
Ion Ratio Lower Upper

75 100

110 34.2 18.4 55.0

77 31.5 25.6 38.4





#37

Ethyl Acetate

Concen: 44.661 ug/l

RT: 7.164 min Scan# 91

Delta R.T. -0.005 min

Lab File: VD080380.D

Acq: 16 May 2025 19:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

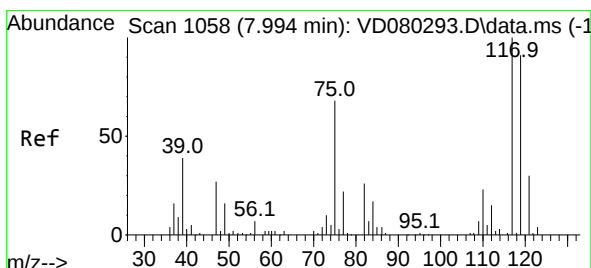
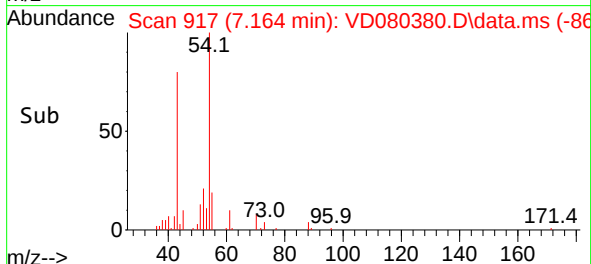
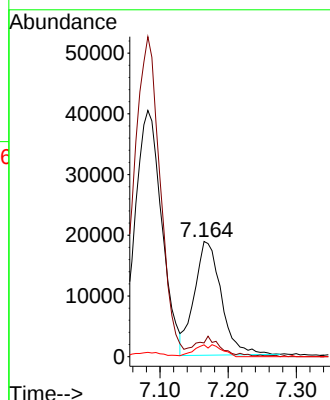
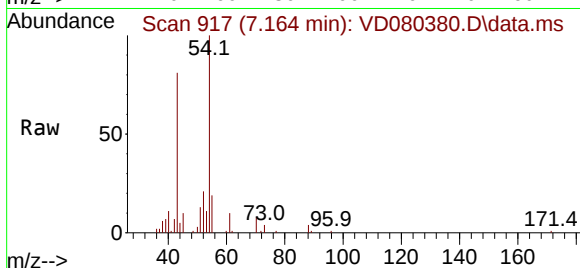
Tgt Ion: 43 Resp: 51478

Ion Ratio Lower Upper

43 100

61 14.2 11.0 16.4

70 4.9 9.4 14.2#



#38

Carbon Tetrachloride

Concen: 50.414 ug/l

RT: 7.988 min Scan# 1057

Delta R.T. 0.001 min

Lab File: VD080380.D

Acq: 16 May 2025 19:28

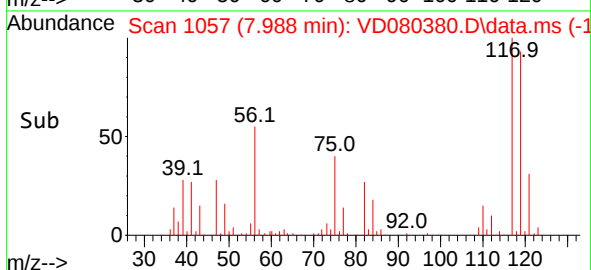
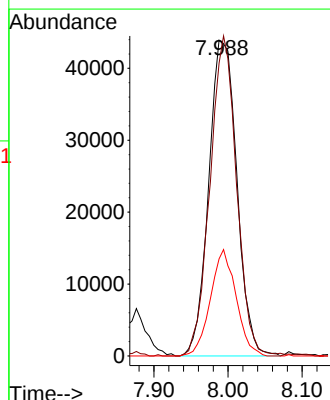
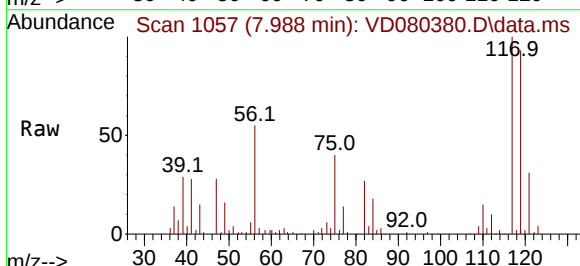
Tgt Ion: 117 Resp: 115891

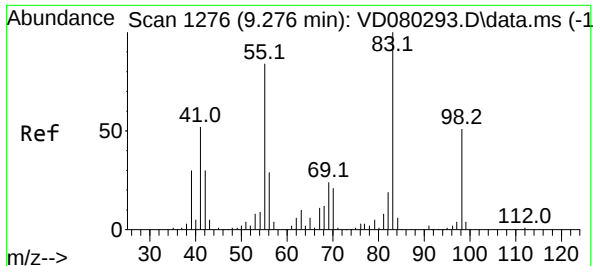
Ion Ratio Lower Upper

117 100

119 92.7 73.4 110.0

121 30.8 24.5 36.7





#39

Methylcyclohexane

Concen: 49.313 ug/l

RT: 9.276 min Scan# 1102

Delta R.T. 0.001 min

Lab File: VD080380.D

Acq: 16 May 2025 19:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

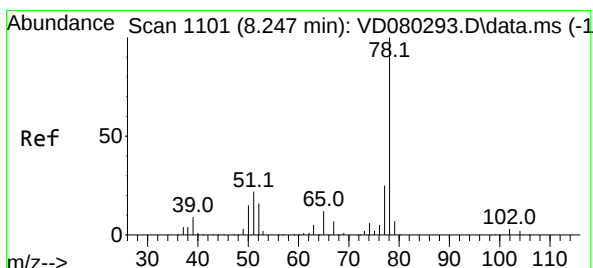
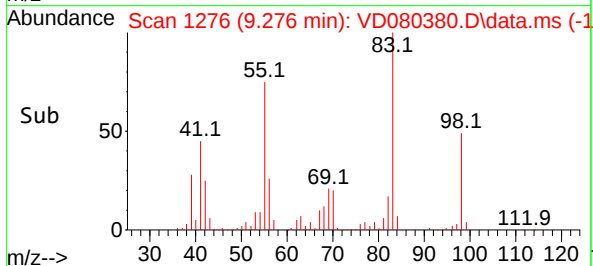
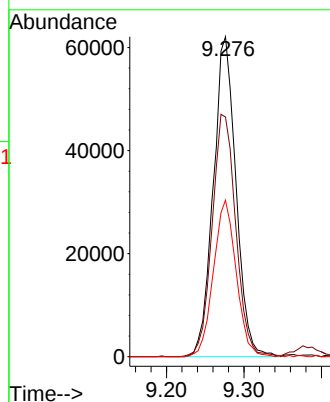
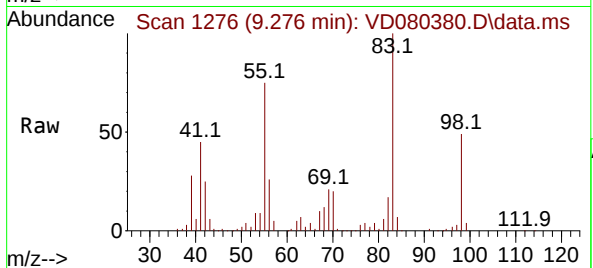
Tgt Ion: 83 Resp: 126132

Ion Ratio Lower Upper

83 100

55 74.9 62.0 93.0

98 48.9 38.7 58.1



#40

Benzene

Concen: 50.855 ug/l

RT: 8.253 min Scan# 1102

Delta R.T. 0.001 min

Lab File: VD080380.D

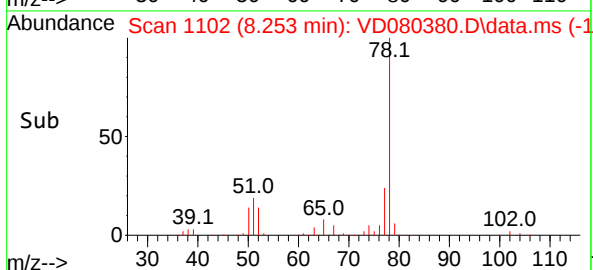
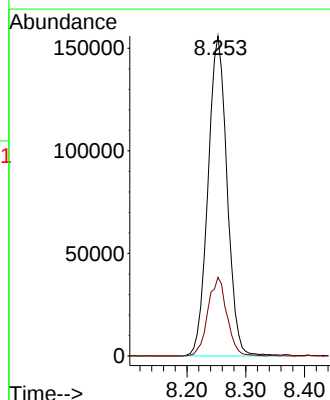
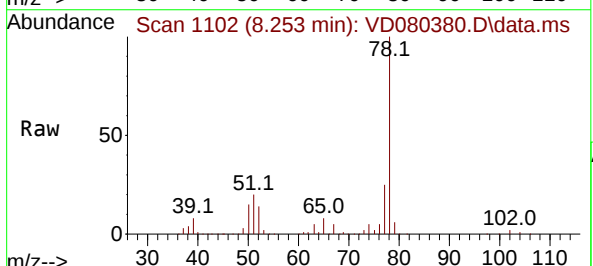
Acq: 16 May 2025 19:28

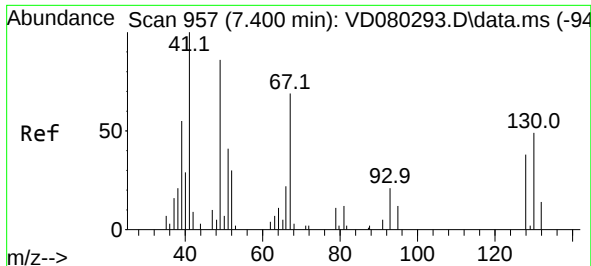
Tgt Ion: 78 Resp: 351234

Ion Ratio Lower Upper

78 100

77 24.6 20.2 30.4

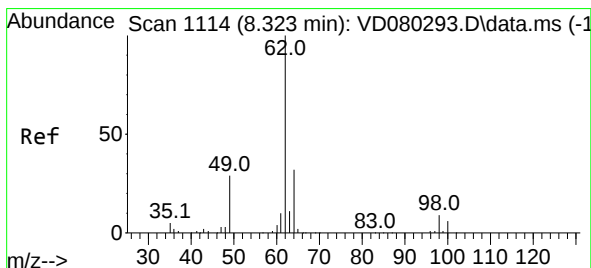
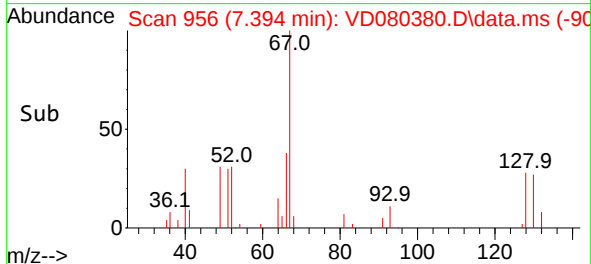
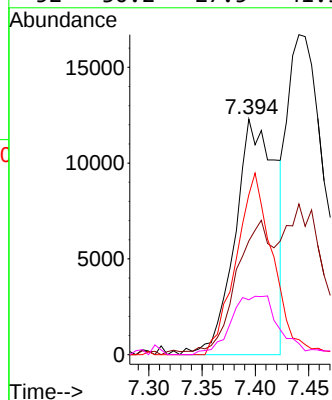
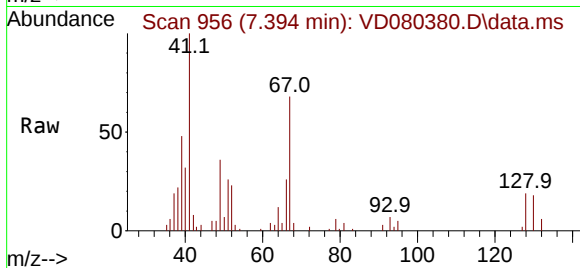




#41
Methacrylonitrile
Concen: 51.336 ug/l
RT: 7.394 min Scan# 91
Delta R.T. -0.005 min
Lab File: VD080380.D
Acq: 16 May 2025 19:28

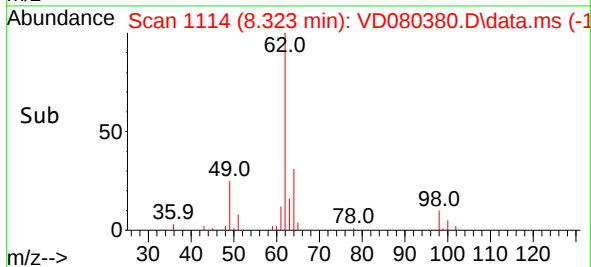
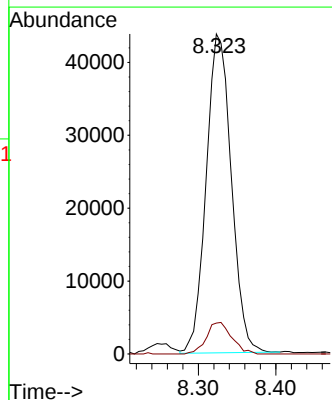
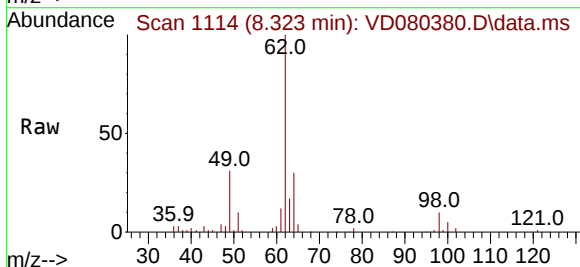
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

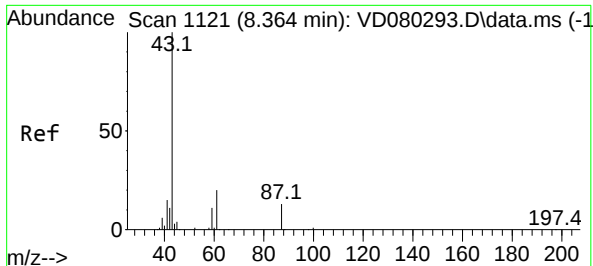
Tgt Ion:	41	Resp:	32745
Ion	Ratio	Lower	Upper
41	100		
39	47.8	47.8	71.8#
67	70.1	64.9	97.3
52	30.2	27.5	41.3



#42
1,2-Dichloroethane
Concen: 49.321 ug/l
RT: 8.323 min Scan# 1114
Delta R.T. -0.005 min
Lab File: VD080380.D
Acq: 16 May 2025 19:28

Tgt Ion:	62	Resp:	98707
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	19.8





#43

Isopropyl Acetate

Concen: 47.308 ug/l

RT: 8.359 min Scan# 1121

Delta R.T. 0.001 min

Lab File: VD080380.D

Acq: 16 May 2025 19:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

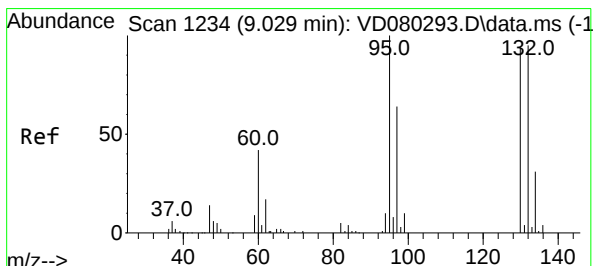
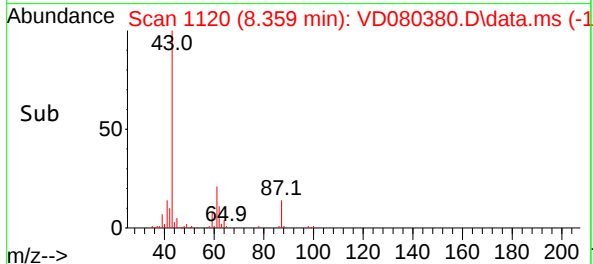
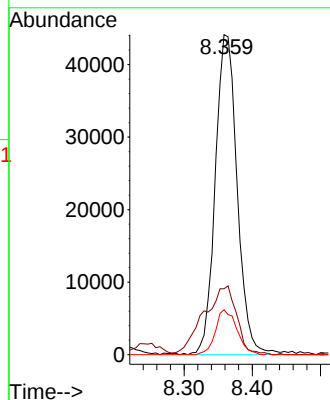
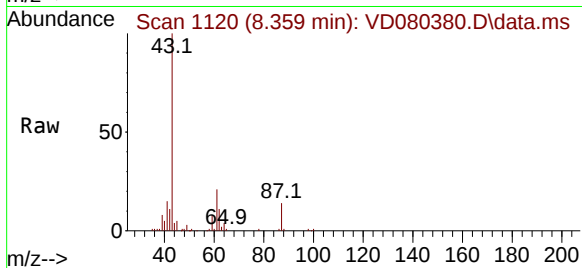
Tgt Ion: 43 Resp: 98879

Ion Ratio Lower Upper

43 100

61 32.2 26.2 39.2

87 13.7 11.8 17.8



#44

Trichloroethene

Concen: 51.503 ug/l

RT: 9.029 min Scan# 1234

Delta R.T. 0.001 min

Lab File: VD080380.D

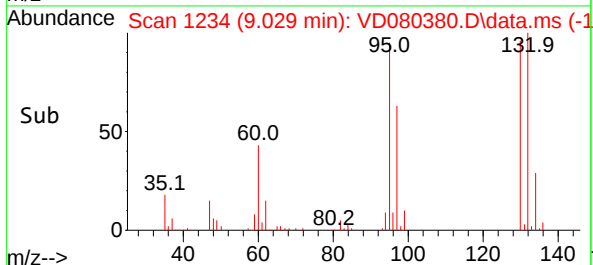
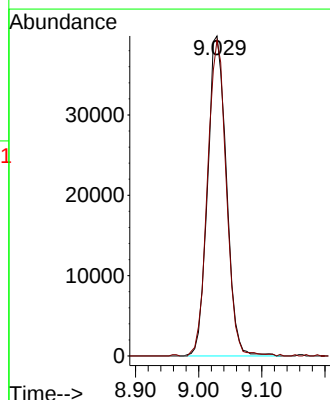
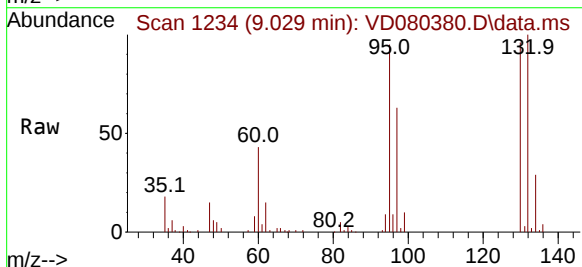
Acq: 16 May 2025 19:28

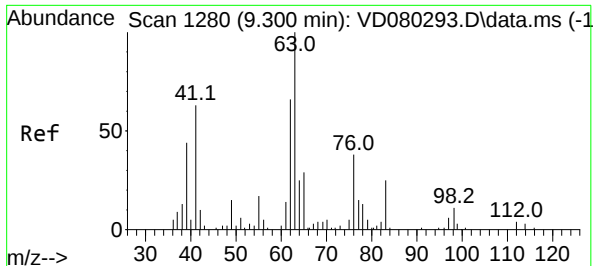
Tgt Ion: 130 Resp: 82572

Ion Ratio Lower Upper

130 100

95 98.6 0.0 194.6





#45

1,2-Dichloropropane

Concen: 49.496 ug/l

RT: 9.306 min Scan# 1280

Delta R.T. 0.001 min

Lab File: VD080380.D

Acq: 16 May 2025 19:28

Instrument :

MSVOA_D

ClientSampleId :

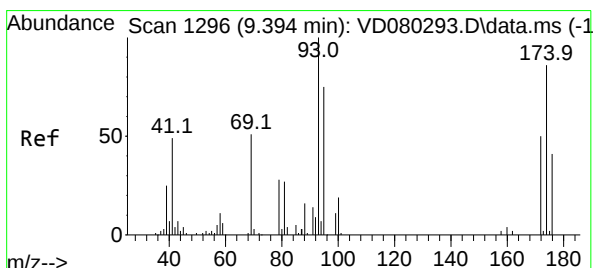
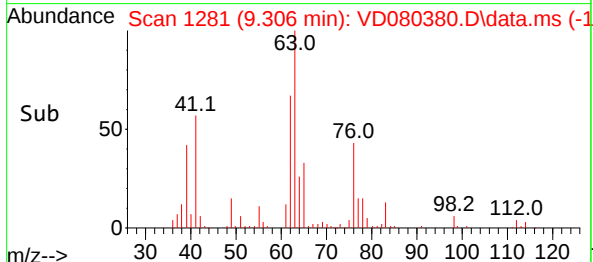
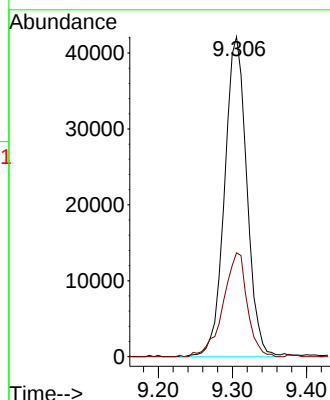
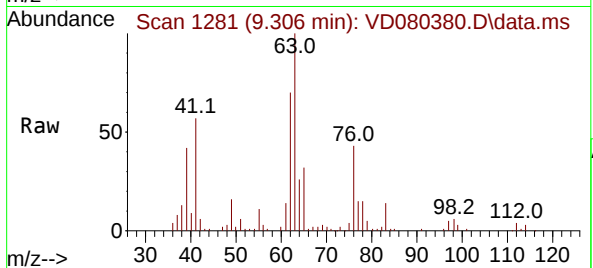
VSTDCCC050EC

Tgt Ion: 63 Resp: 87673

Ion Ratio Lower Upper

63 100

65 32.4 26.2 39.4



#46

Dibromomethane

Concen: 53.217 ug/l

RT: 9.394 min Scan# 1296

Delta R.T. 0.001 min

Lab File: VD080380.D

Acq: 16 May 2025 19:28

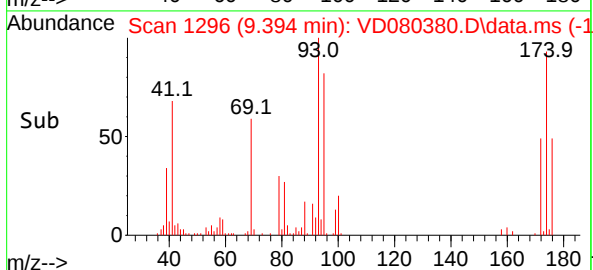
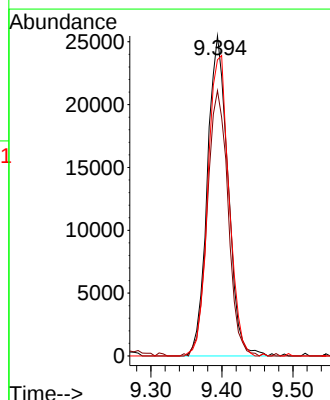
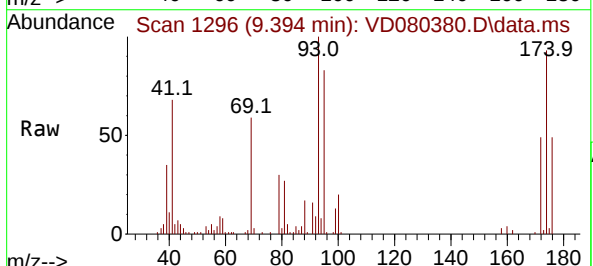
Tgt Ion: 93 Resp: 51323

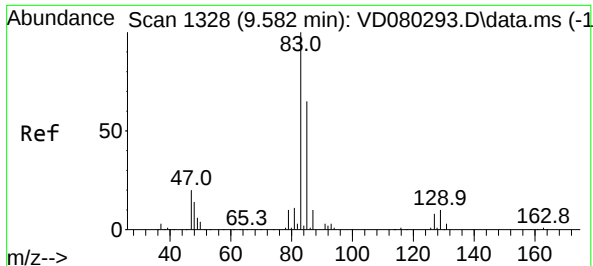
Ion Ratio Lower Upper

93 100

95 83.5 67.9 101.9

174 95.8 80.5 120.7





#47

Bromodichloromethane

Concen: 52.497 ug/l

RT: 9.588 min Scan# 1

Delta R.T. 0.001 min

Lab File: VD080380.D

Acq: 16 May 2025 19:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

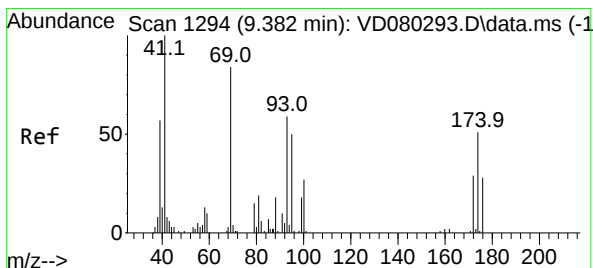
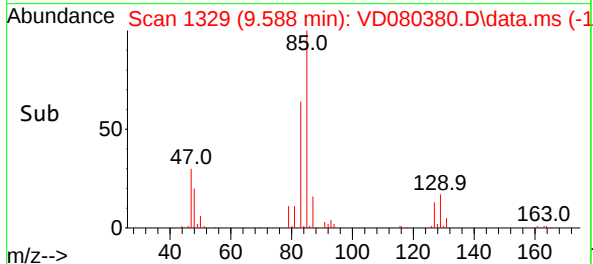
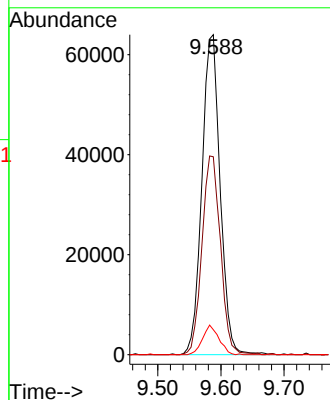
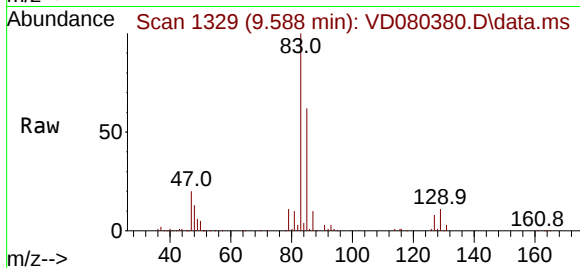
Tgt Ion: 83 Resp: 128504

Ion Ratio Lower Upper

83 100

85 61.8 50.6 75.8

127 7.8 6.1 9.1



#48

Methyl methacrylate

Concen: 53.581 ug/l

RT: 9.382 min Scan# 1294

Delta R.T. 0.001 min

Lab File: VD080380.D

Acq: 16 May 2025 19:28

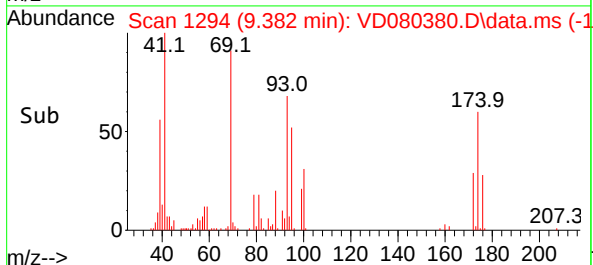
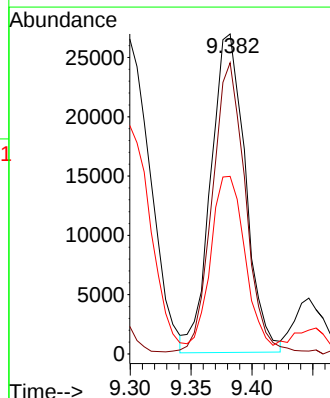
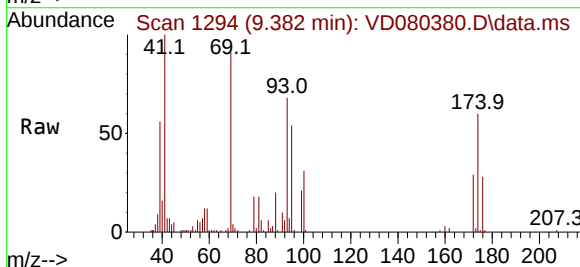
Tgt Ion: 41 Resp: 53212

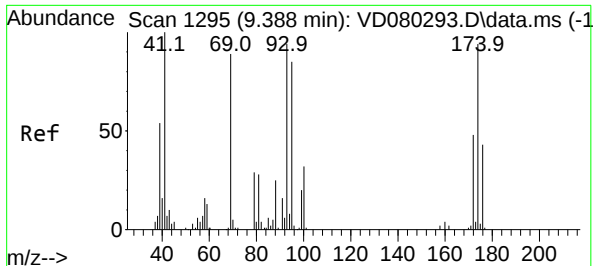
Ion Ratio Lower Upper

41 100

69 88.5 74.0 111.0

39 55.4 41.9 62.9





#49

1,4-Dioxane

Concen: 1046.665 ug/l

RT: 9.382 min Scan# 11

Delta R.T. -0.005 min

Lab File: VD080380.D

Acq: 16 May 2025 19:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

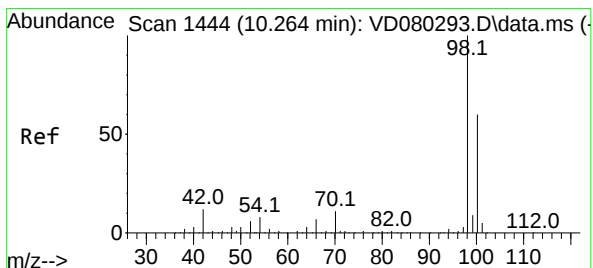
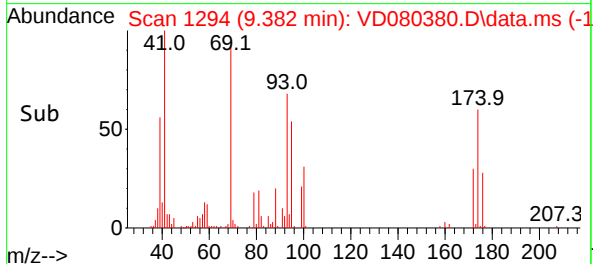
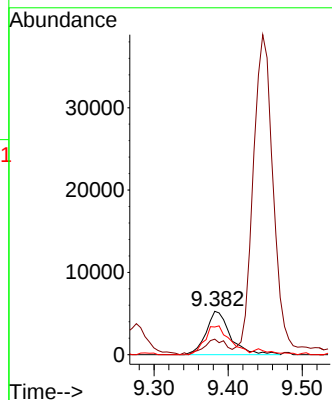
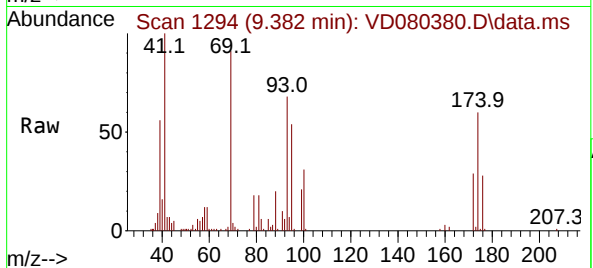
Tgt Ion: 88 Resp: 12001

Ion Ratio Lower Upper

88 100

43 32.8 29.1 43.7

58 68.0 59.9 89.9



#50

Toluene-d8

Concen: 49.594 ug/l

RT: 10.270 min Scan# 1445

Delta R.T. 0.001 min

Lab File: VD080380.D

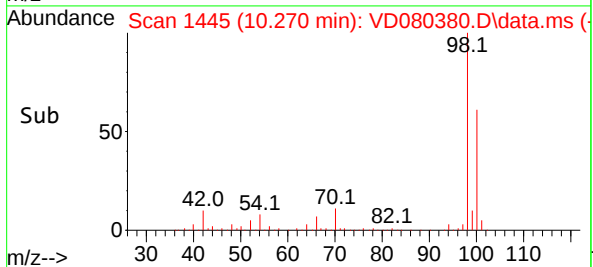
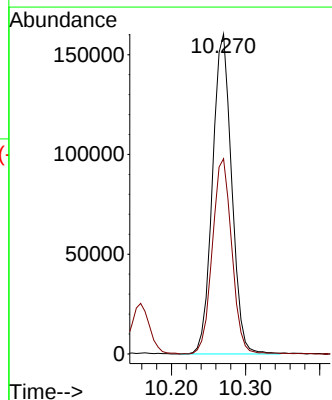
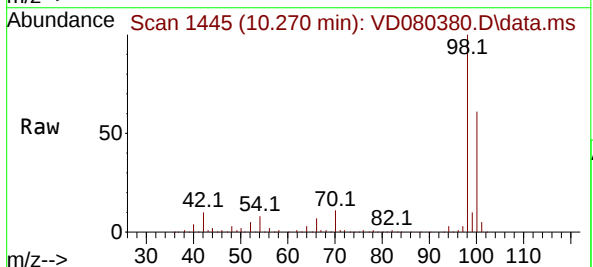
Acq: 16 May 2025 19:28

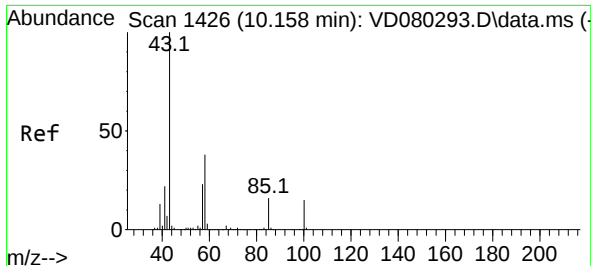
Tgt Ion: 98 Resp: 288203

Ion Ratio Lower Upper

98 100

100 61.9 50.2 75.4

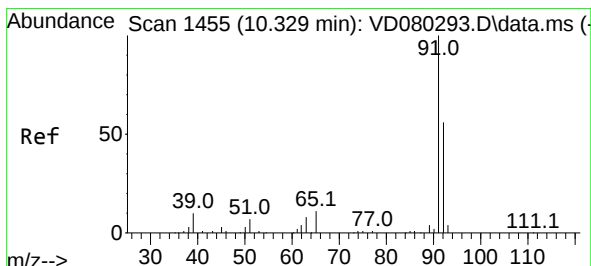
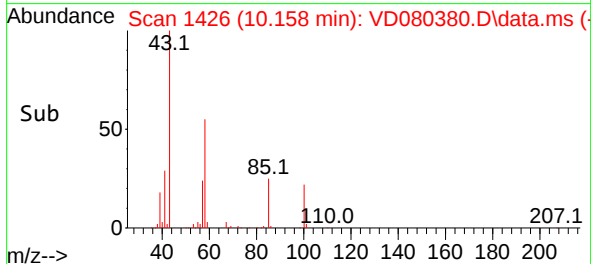
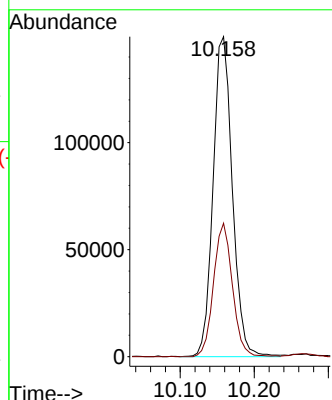
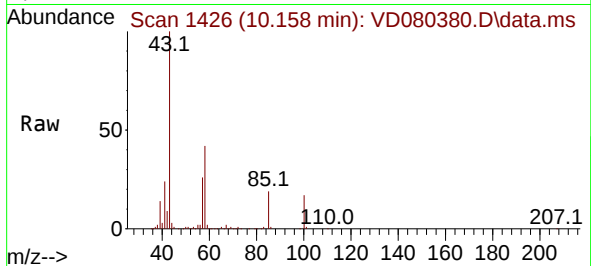




#51
4-Methyl-2-Pentanone
Concen: 250.891 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. 0.001 min
Lab File: VD080380.D
Acq: 16 May 2025 19:28

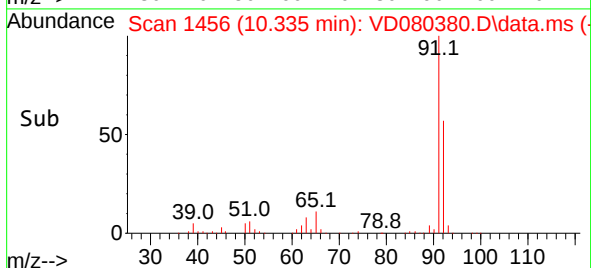
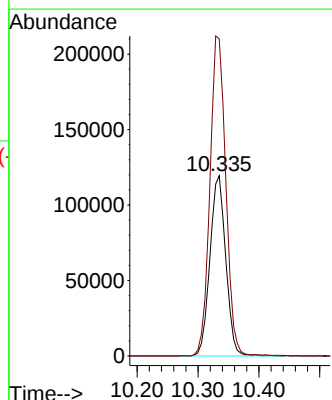
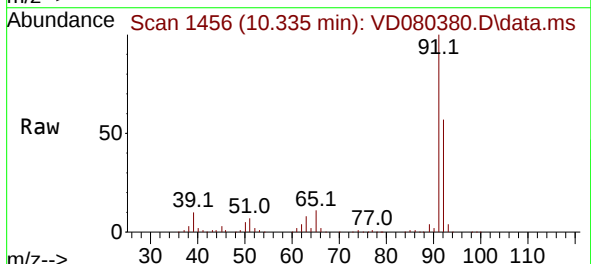
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

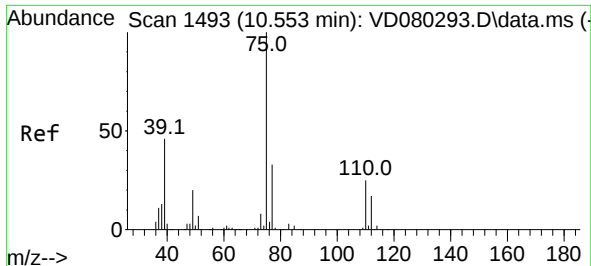
Tgt Ion: 43 Resp: 270192
Ion Ratio Lower Upper
43 100
58 40.8 32.8 49.2



#52
Toluene
Concen: 51.664 ug/l
RT: 10.335 min Scan# 1456
Delta R.T. 0.001 min
Lab File: VD080380.D
Acq: 16 May 2025 19:28

Tgt Ion: 92 Resp: 214970
Ion Ratio Lower Upper
92 100
91 178.9 139.3 208.9

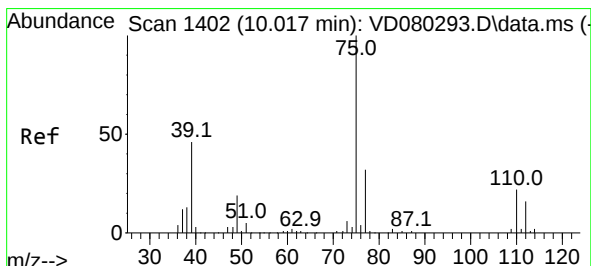
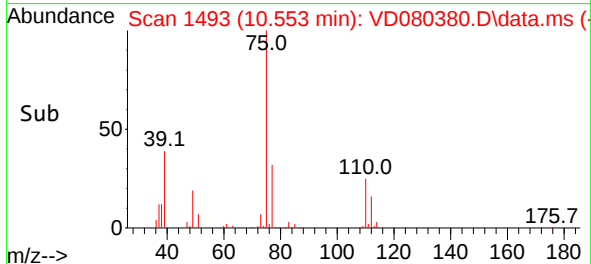
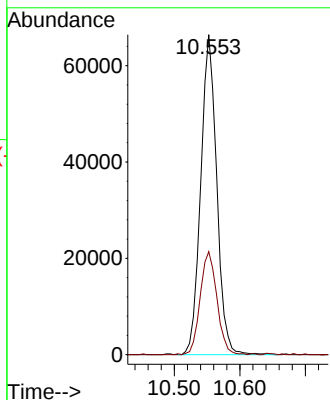
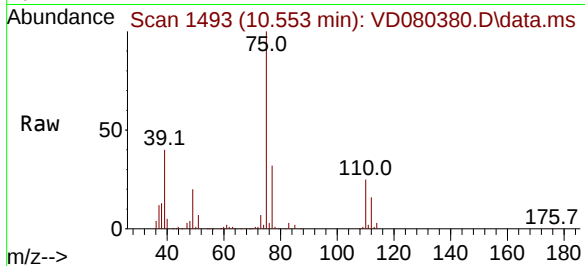




#53
t-1,3-Dichloropropene
Concen: 50.525 ug/l
RT: 10.553 min Scan# 1493
Delta R.T. 0.001 min
Lab File: VD080380.D
Acq: 16 May 2025 19:28

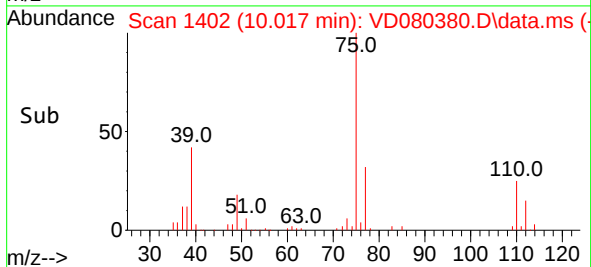
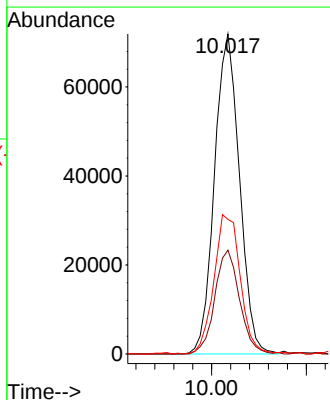
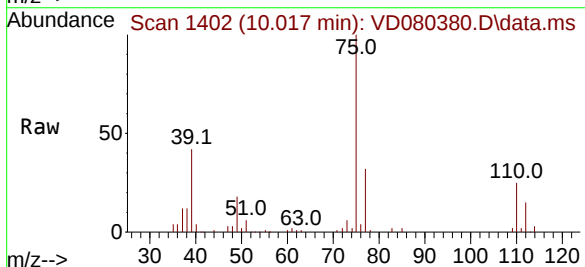
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

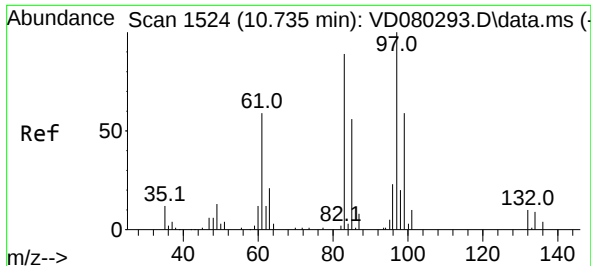
Tgt Ion: 75 Resp: 112749
Ion Ratio Lower Upper
75 100
77 32.2 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 50.945 ug/l
RT: 10.017 min Scan# 1402
Delta R.T. 0.001 min
Lab File: VD080380.D
Acq: 16 May 2025 19:28

Tgt Ion: 75 Resp: 131741
Ion Ratio Lower Upper
75 100
77 32.4 25.0 37.4
39 41.8 33.2 49.8



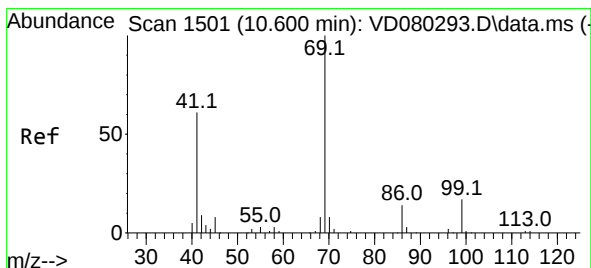
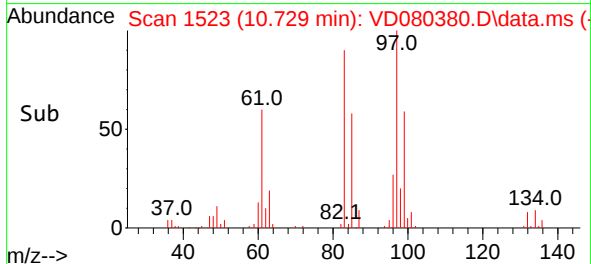
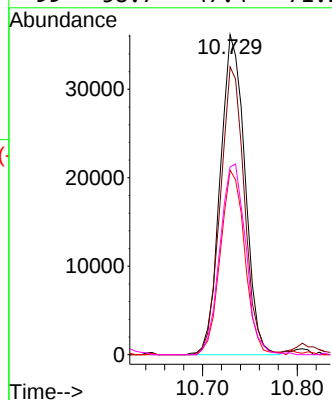
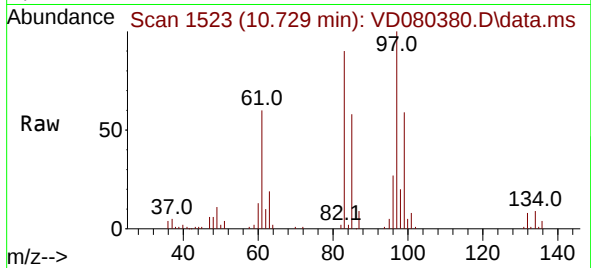


#55
1,1,2-Trichloroethane
Concen: 51.407 ug/l
RT: 10.729 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD080380.D
Acq: 16 May 2025 19:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 65579

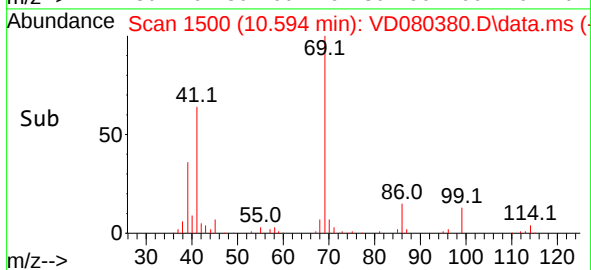
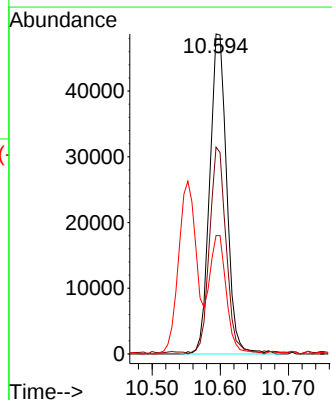
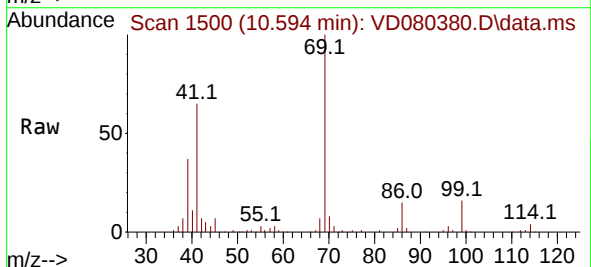
Ion	Ratio	Lower	Upper
97	100		
83	90.0	69.2	103.8
85	57.7	43.0	64.6
99	58.7	47.4	71.2

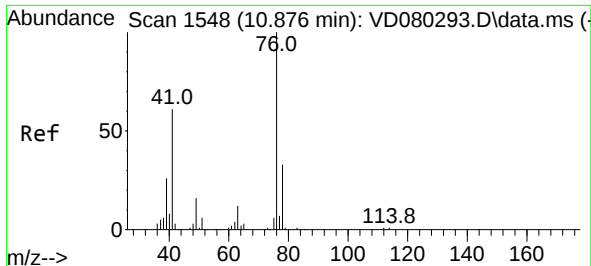


#56
Ethyl methacrylate
Concen: 54.700 ug/l
RT: 10.594 min Scan# 1500
Delta R.T. -0.005 min
Lab File: VD080380.D
Acq: 16 May 2025 19:28

Tgt Ion: 69 Resp: 84555

Ion	Ratio	Lower	Upper
69	100		
41	63.5	50.4	75.6
39	36.5	26.0	39.0





#57

1,3-Dichloropropane

Concen: 52.419 ug/l

RT: 10.876 min Scan# 111137

Delta R.T. -0.005 min

Lab File: VD080380.D

Acq: 16 May 2025 19:28

Instrument :

MSVOA_D

ClientSampleId :

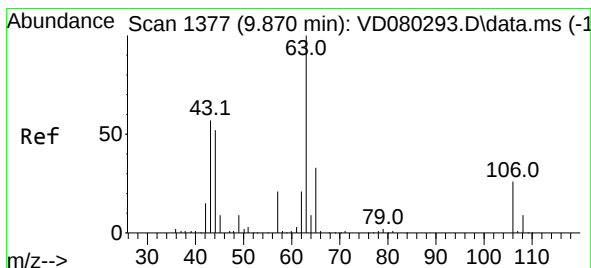
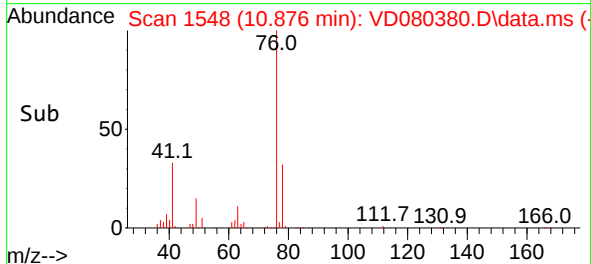
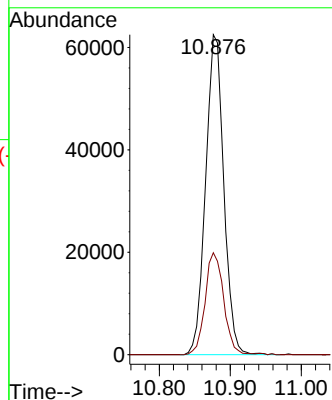
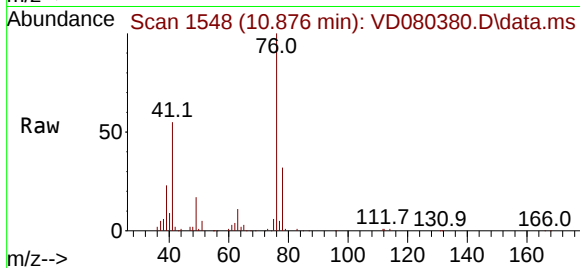
VSTDCCC050EC

Tgt Ion: 76 Resp: 111137

Ion Ratio Lower Upper

76 100

78 32.6 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 273.529 ug/l

RT: 9.870 min Scan# 1377

Delta R.T. 0.001 min

Lab File: VD080380.D

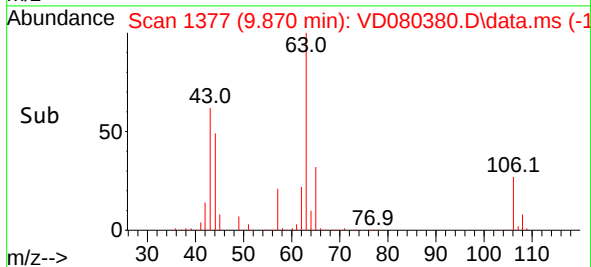
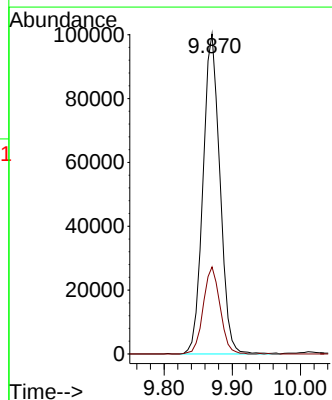
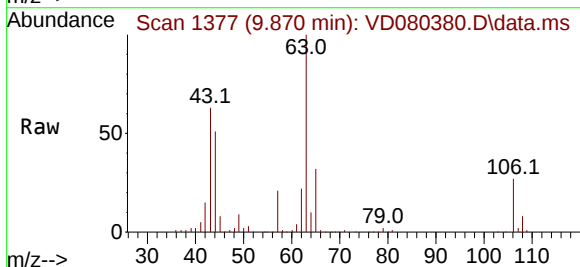
Acq: 16 May 2025 19:28

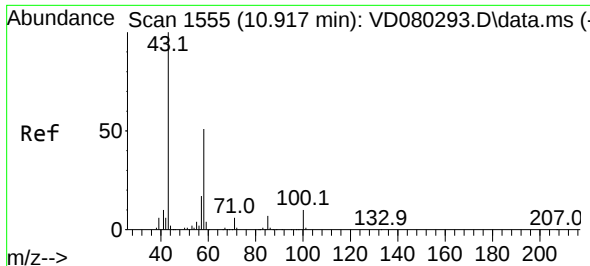
Tgt Ion: 63 Resp: 173037

Ion Ratio Lower Upper

63 100

106 26.9 21.8 32.6

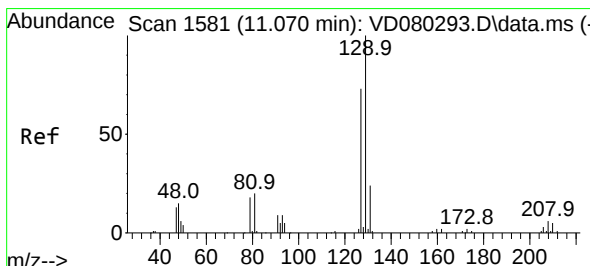
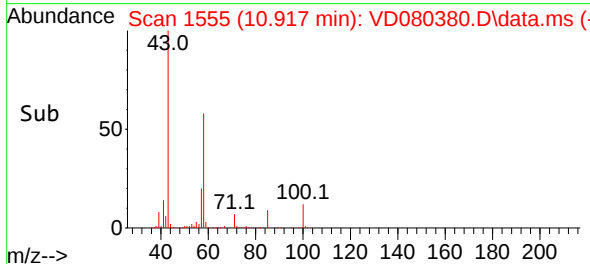
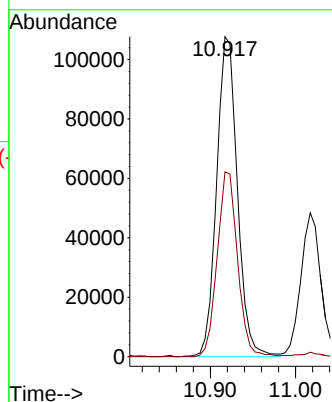
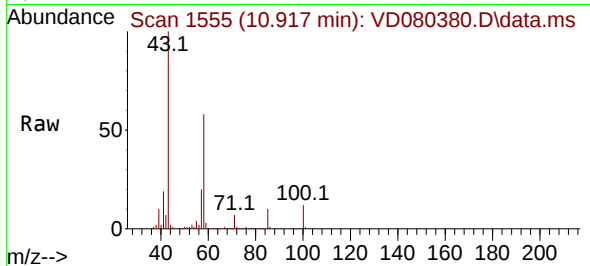




#59
2-Hexanone
Concen: 246.877 ug/l
RT: 10.917 min Scan# 1555
Delta R.T. 0.001 min
Lab File: VD080380.D
Acq: 16 May 2025 19:28

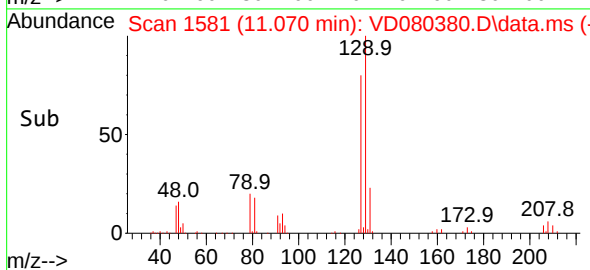
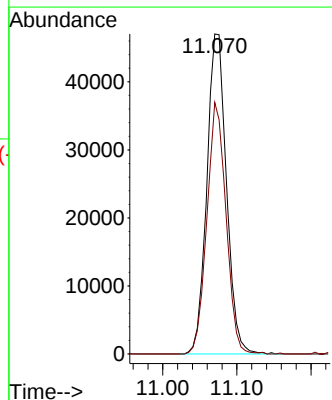
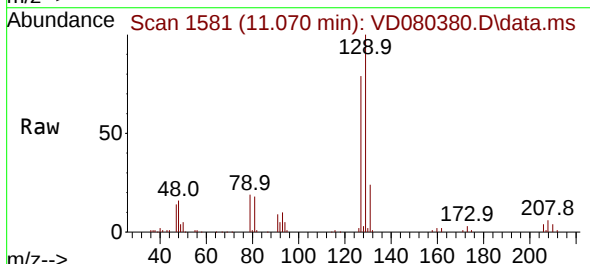
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

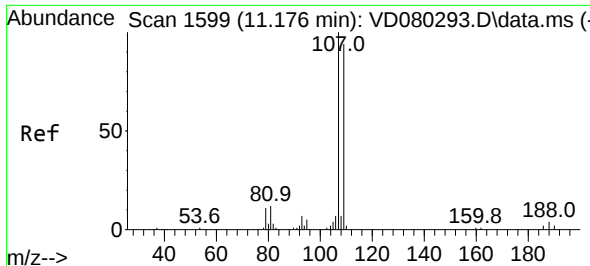
Tgt Ion: 43 Resp: 182892
Ion Ratio Lower Upper
43 100
58 56.6 27.8 83.4



#60
Dibromochloromethane
Concen: 54.046 ug/l
RT: 11.070 min Scan# 1581
Delta R.T. -0.005 min
Lab File: VD080380.D
Acq: 16 May 2025 19:28

Tgt Ion: 129 Resp: 86402
Ion Ratio Lower Upper
129 100
127 76.6 38.4 115.2

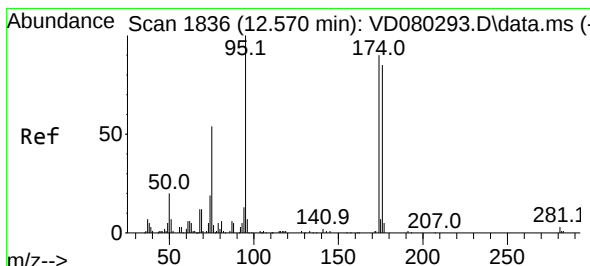
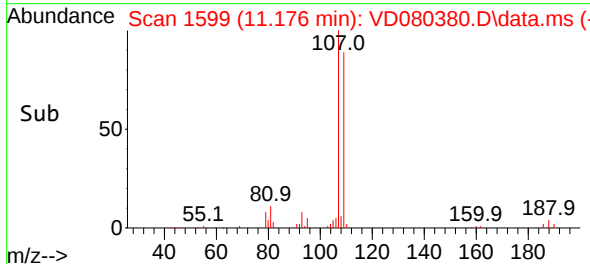
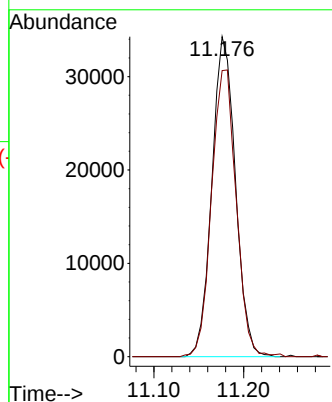
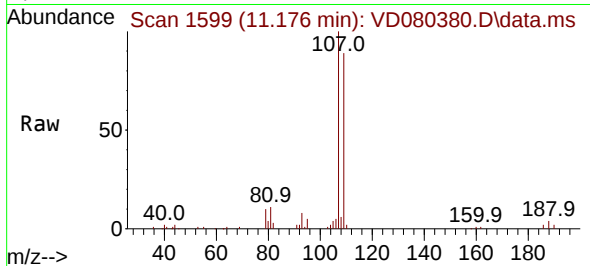




#61
1,2-Dibromoethane
Concen: 52.661 ug/l
RT: 11.176 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD080380.D
Acq: 16 May 2025 19:28

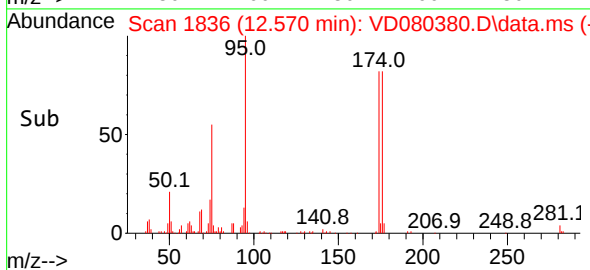
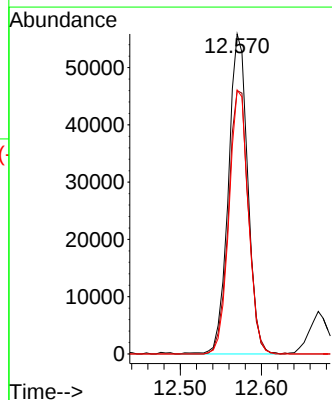
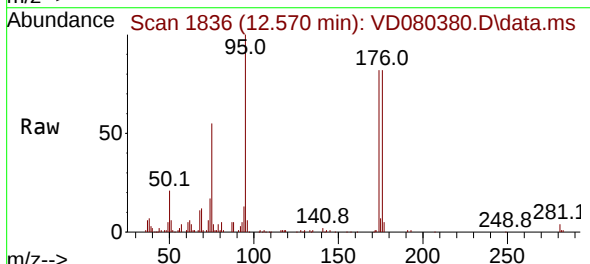
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

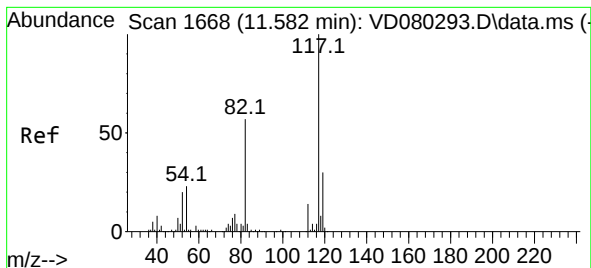
Tgt Ion:107 Resp: 62293
Ion Ratio Lower Upper
107 100
109 94.0 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 49.571 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.001 min
Lab File: VD080380.D
Acq: 16 May 2025 19:28

Tgt Ion: 95 Resp: 92460
Ion Ratio Lower Upper
95 100
174 84.8 0.0 173.4
176 81.9 0.0 166.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.582 min Scan# 1

Delta R.T. 0.001 min

Lab File: VD080380.D

Acq: 16 May 2025 19:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

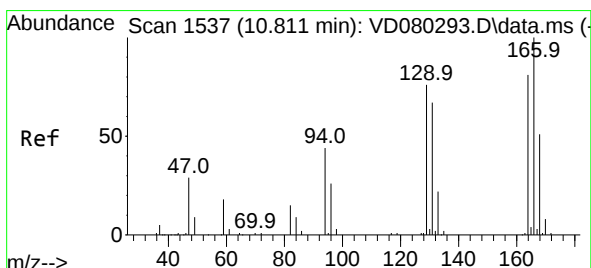
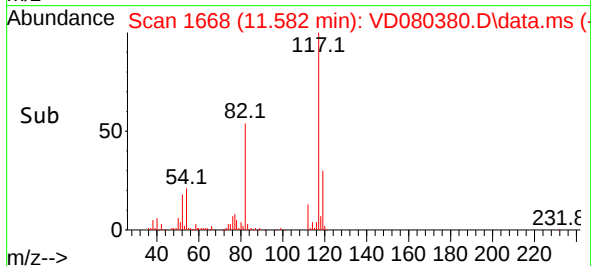
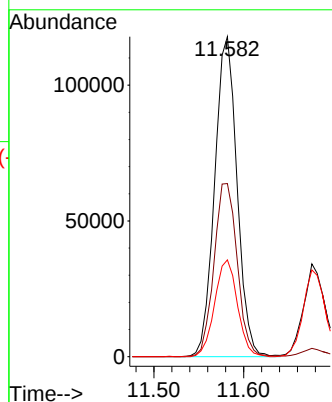
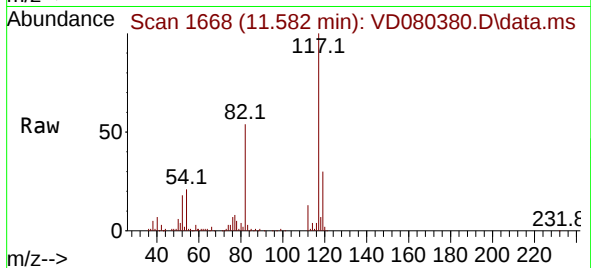
Tgt Ion:117 Resp: 204161

Ion Ratio Lower Upper

117 100

82 54.1 45.8 68.6

119 30.2 26.2 39.2



#64

Tetrachloroethene

Concen: 49.902 ug/l

RT: 10.805 min Scan# 1536

Delta R.T. -0.005 min

Lab File: VD080380.D

Acq: 16 May 2025 19:28

Tgt Ion:164 Resp: 68991

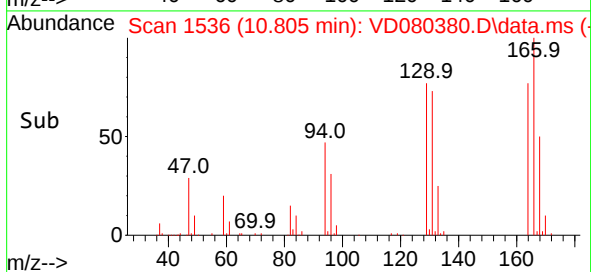
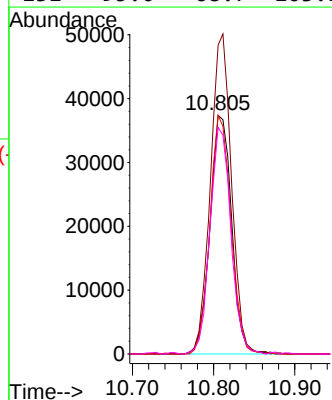
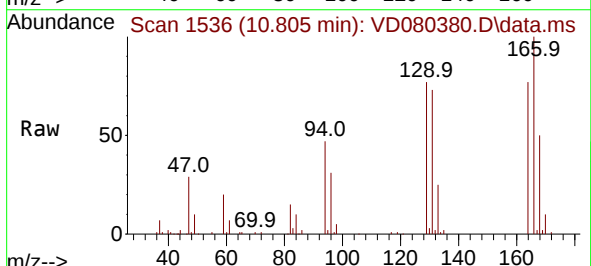
Ion Ratio Lower Upper

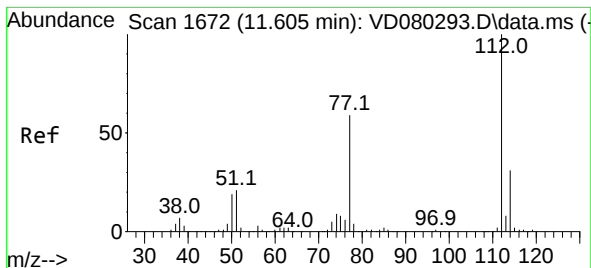
164 100

166 129.4 97.5 146.3

129 100.0 70.6 106.0

131 95.0 68.7 103.1

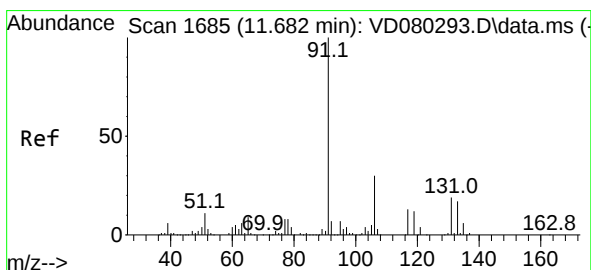
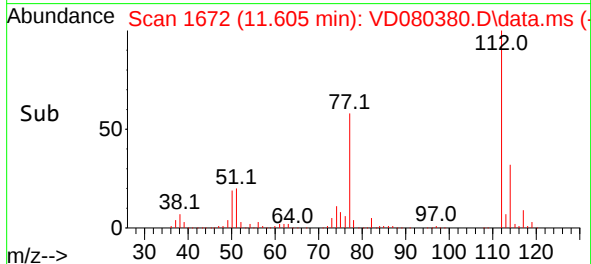
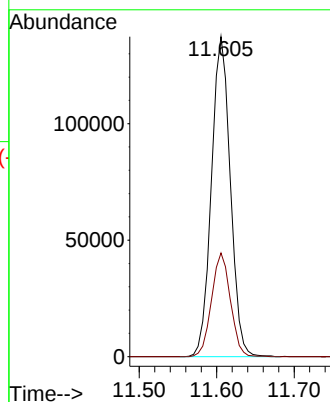
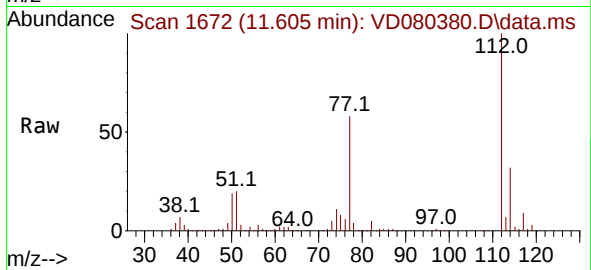




#65
Chlorobenzene
Concen: 50.483 ug/l
RT: 11.605 min Scan# 1672
Delta R.T. 0.001 min
Lab File: VD080380.D
Acq: 16 May 2025 19:28

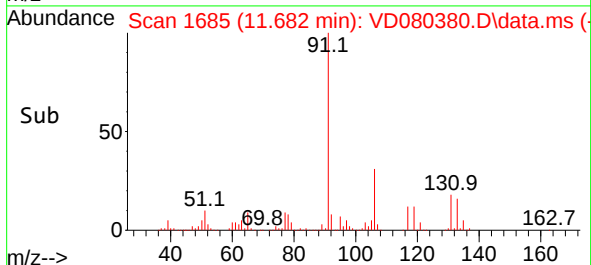
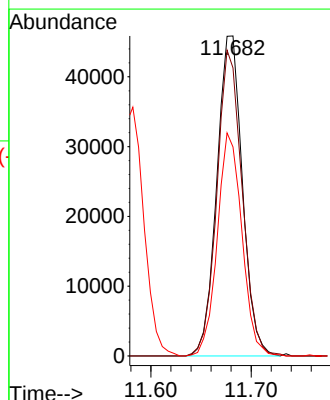
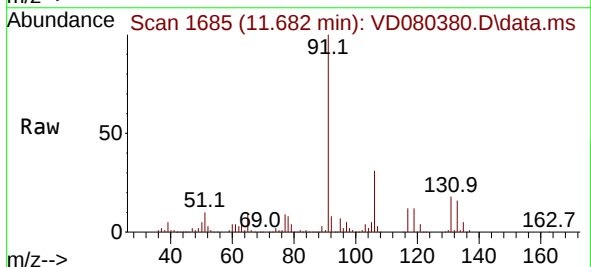
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

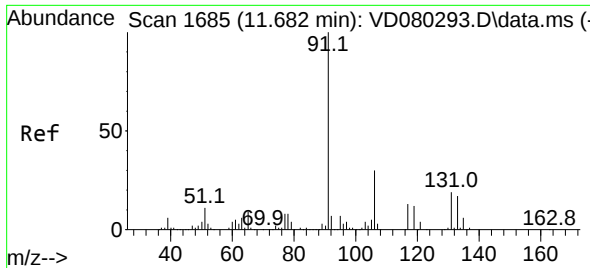
Tgt Ion:112 Resp: 232720
Ion Ratio Lower Upper
112 100
114 32.4 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 51.349 ug/l
RT: 11.682 min Scan# 1685
Delta R.T. 0.001 min
Lab File: VD080380.D
Acq: 16 May 2025 19:28

Tgt Ion:131 Resp: 81326
Ion Ratio Lower Upper
131 100
133 94.2 48.8 146.4
119 67.0 34.8 104.3

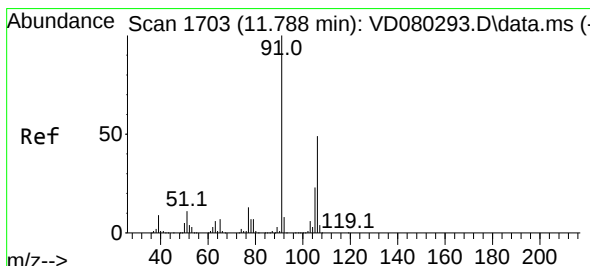
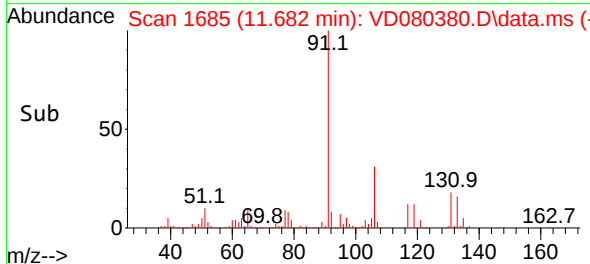
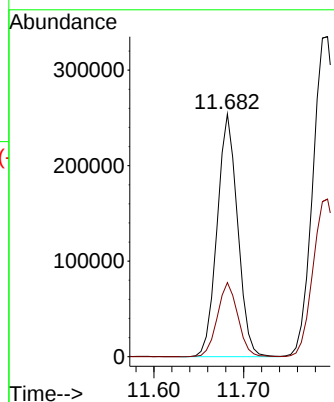
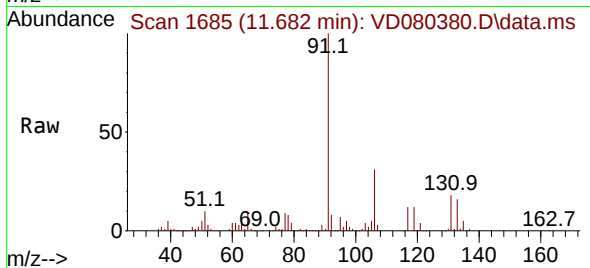




#67
Ethyl Benzene
Concen: 52.124 ug/l
RT: 11.682 min Scan# 1104
Delta R.T. 0.001 min
Lab File: VD080380.D
Acq: 16 May 2025 19:28

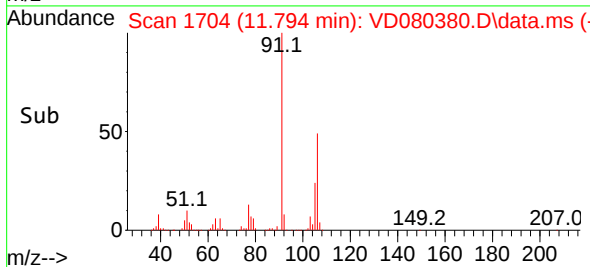
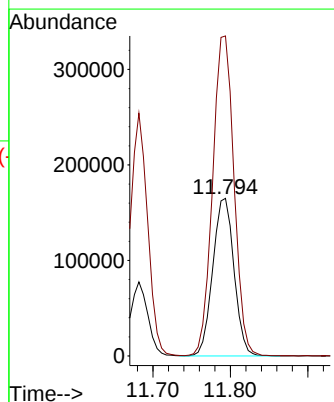
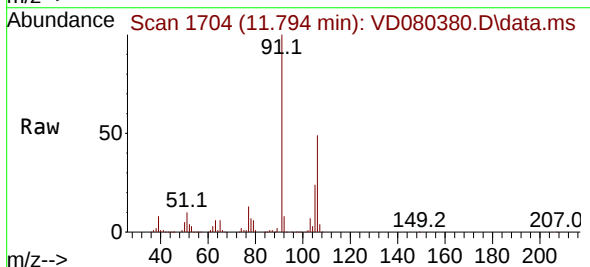
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

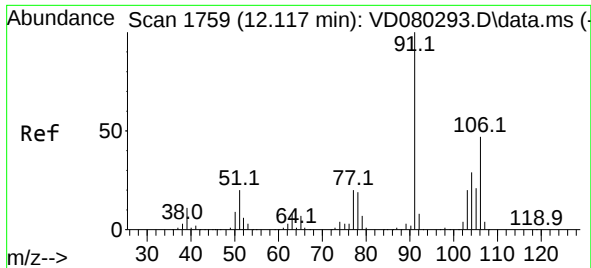
Tgt Ion: 91 Resp: 401548
Ion Ratio Lower Upper
91 100
106 30.6 23.6 35.4



#68
m/p-Xylenes
Concen: 105.108 ug/l
RT: 11.794 min Scan# 1704
Delta R.T. 0.001 min
Lab File: VD080380.D
Acq: 16 May 2025 19:28

Tgt Ion: 106 Resp: 314398
Ion Ratio Lower Upper
106 100
91 204.6 162.6 244.0

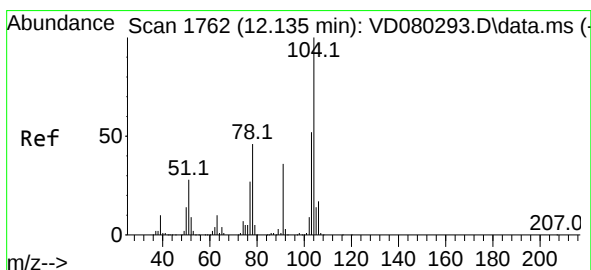
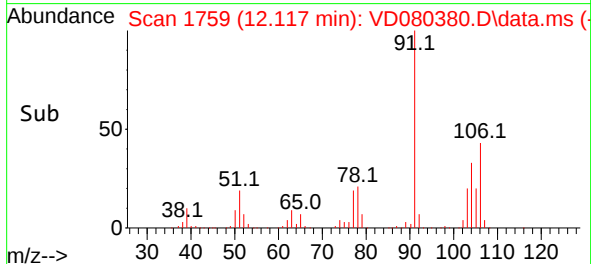
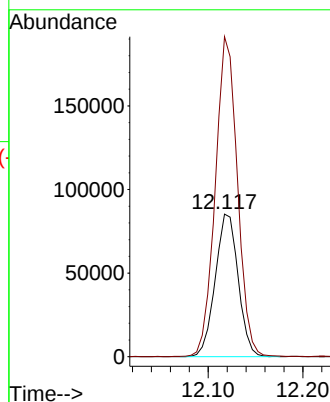
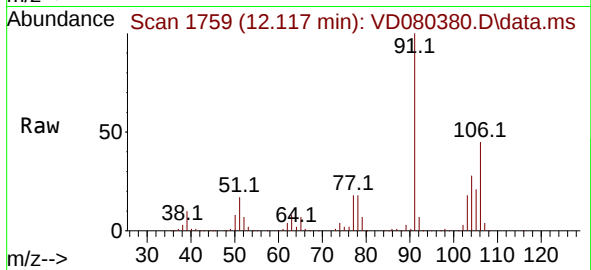




#69
o-Xylene
Concen: 52.592 ug/l
RT: 12.117 min Scan# 1759
Delta R.T. 0.001 min
Lab File: VD080380.D
Acq: 16 May 2025 19:28

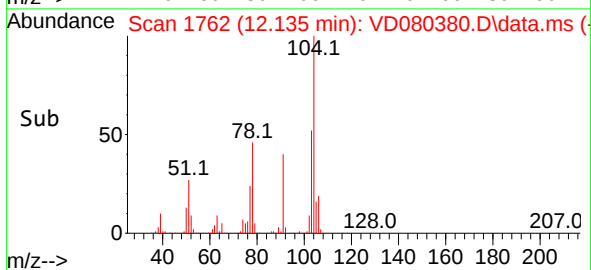
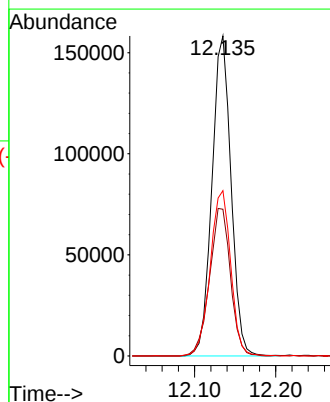
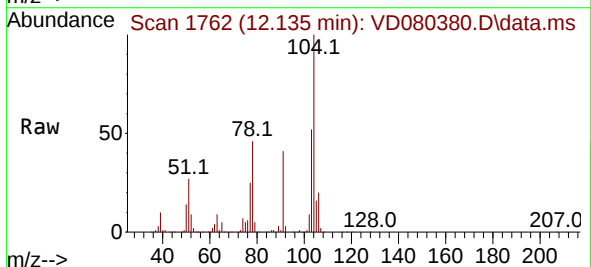
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

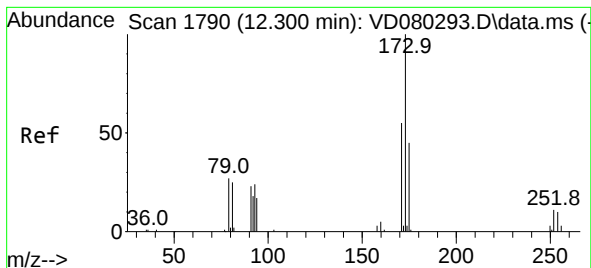
Tgt Ion:106 Resp: 143752
Ion Ratio Lower Upper
106 100
91 217.1 110.5 331.5



#70
Styrene
Concen: 52.725 ug/l
RT: 12.135 min Scan# 1762
Delta R.T. 0.001 min
Lab File: VD080380.D
Acq: 16 May 2025 19:28

Tgt Ion:104 Resp: 258779
Ion Ratio Lower Upper
104 100
78 50.5 39.8 59.8
103 55.7 45.2 67.8





#71

Bromoform

Concen: 52.126 ug/l

RT: 12.294 min Scan# 11

Delta R.T. 0.001 min

Lab File: VD080380.D

Acq: 16 May 2025 19:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

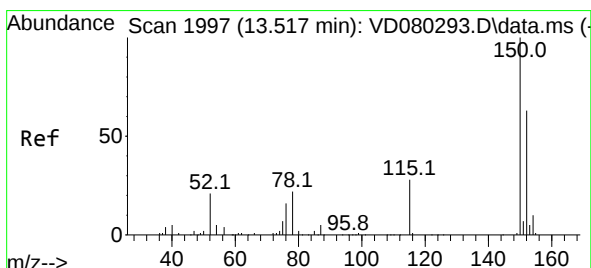
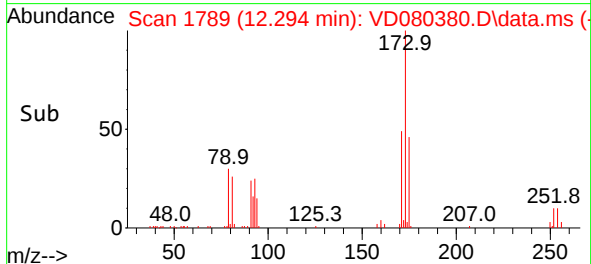
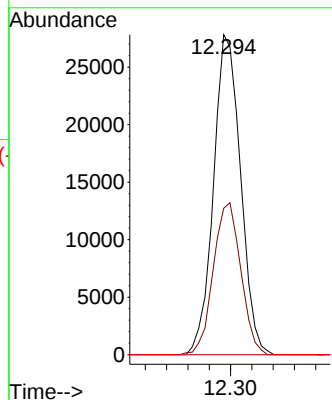
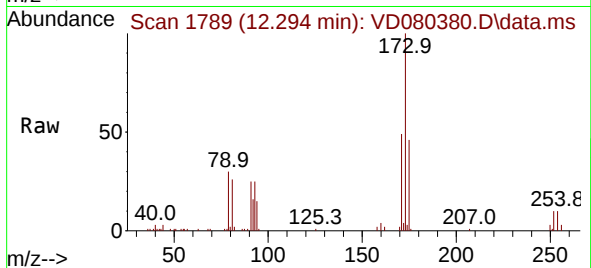
Tgt Ion:173 Resp: 49049

Ion Ratio Lower Upper

173 100

175 48.2 24.8 74.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.517 min Scan# 1997

Delta R.T. 0.001 min

Lab File: VD080380.D

Acq: 16 May 2025 19:28

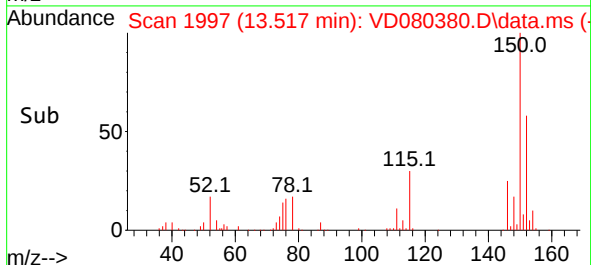
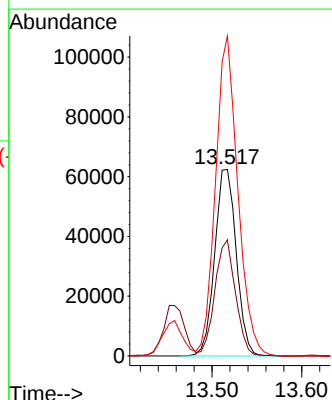
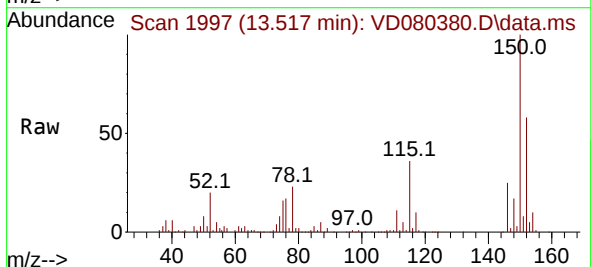
Tgt Ion:152 Resp: 104244

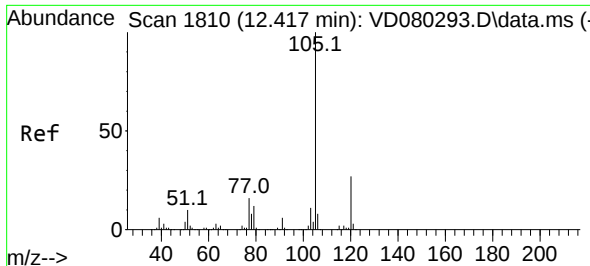
Ion Ratio Lower Upper

152 100

115 59.7 28.9 86.8

150 177.2 0.0 354.8

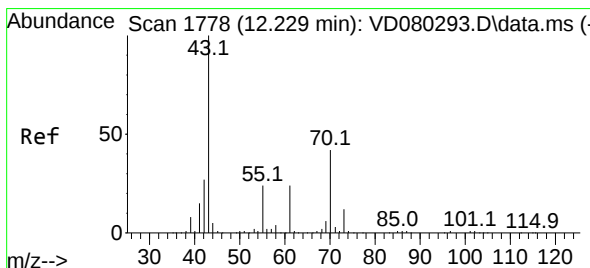
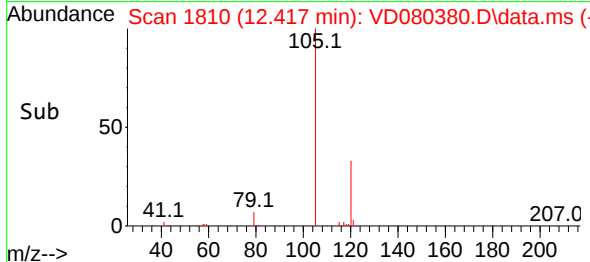
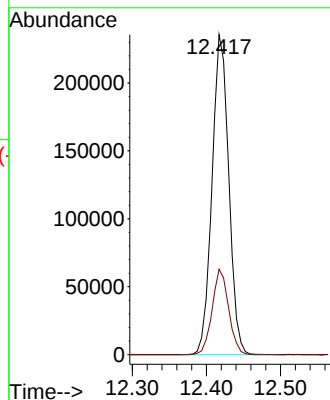
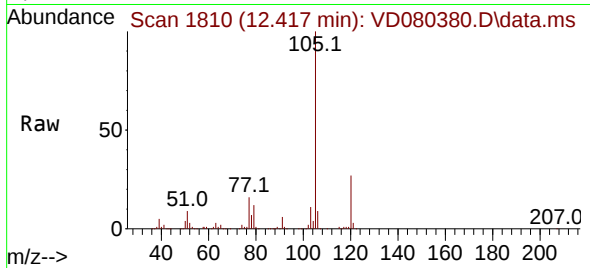




#73
Isopropylbenzene
Concen: 54.560 ug/l
RT: 12.417 min Scan# 1810
Delta R.T. -0.005 min
Lab File: VD080380.D
Acq: 16 May 2025 19:28

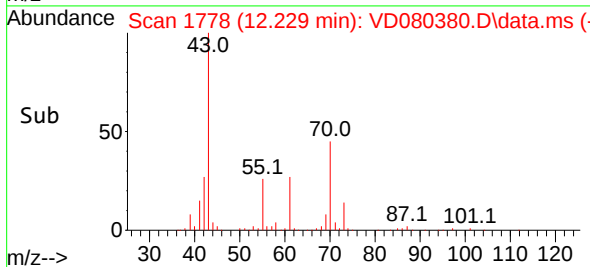
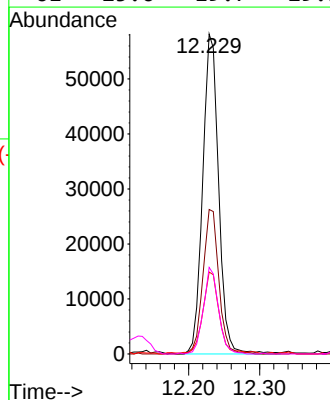
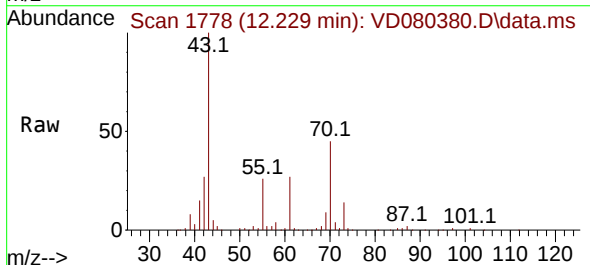
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

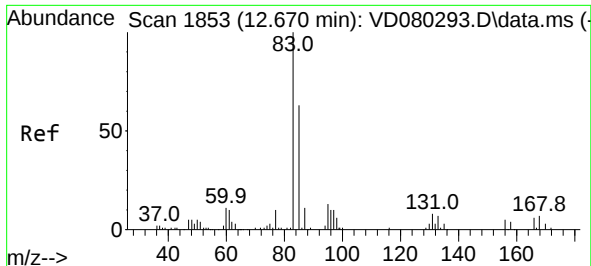
Tgt Ion:105 Resp: 368942
Ion Ratio Lower Upper
105 100
120 26.3 13.3 39.9



#74
N-ethyl acetate
Concen: 46.937 ug/l
RT: 12.229 min Scan# 1778
Delta R.T. -0.005 min
Lab File: VD080380.D
Acq: 16 May 2025 19:28

Tgt Ion: 43 Resp: 91094
Ion Ratio Lower Upper
43 100
70 44.8 36.3 54.5
55 26.4 20.3 30.5
61 25.6 19.7 29.5

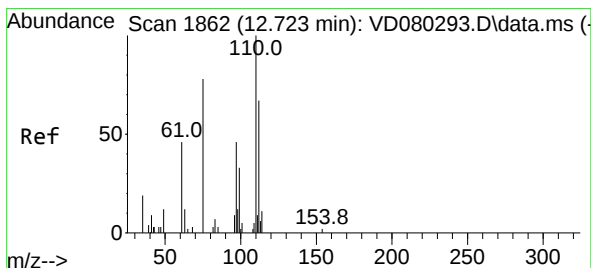
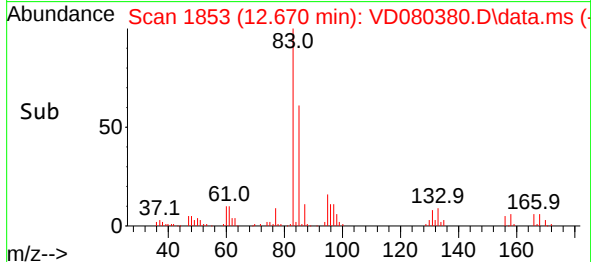
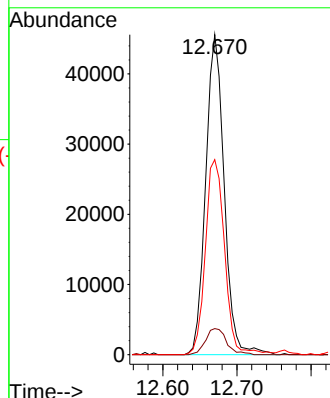
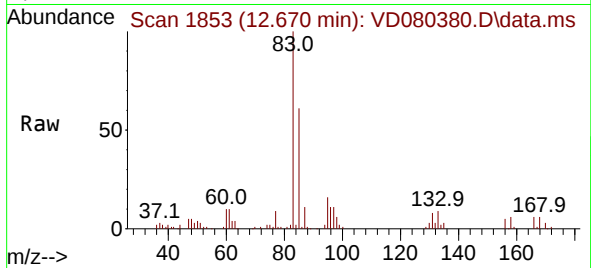




#75
 1,1,2,2-Tetrachloroethane
 Concen: 53.190 ug/l
 RT: 12.670 min Scan# 1853
 Delta R.T. 0.001 min
 Lab File: VD080380.D
 Acq: 16 May 2025 19:28

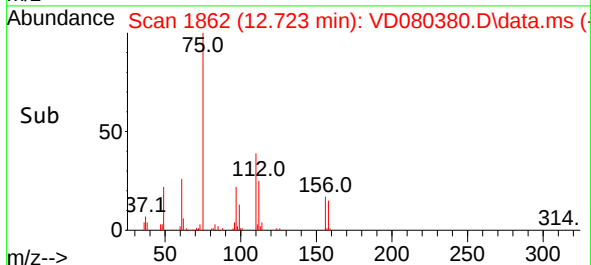
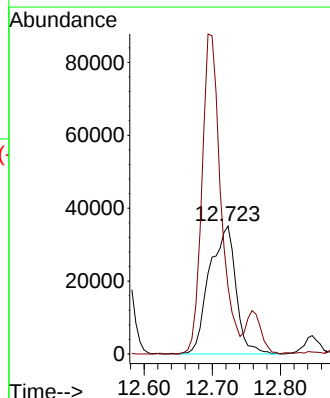
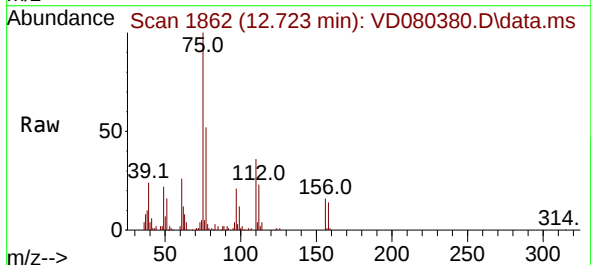
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

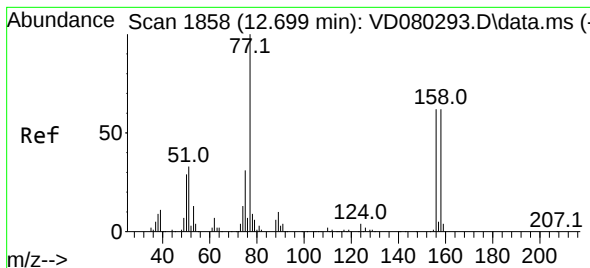
Tgt Ion: 83 Resp: 79095
 Ion Ratio Lower Upper
 83 100
 131 9.3 5.1 15.3
 85 63.6 32.9 98.6



#76
 1,2,3-Trichloropropane
 Concen: 94.421 ug/l
 RT: 12.723 min Scan# 1862
 Delta R.T. 0.001 min
 Lab File: VD080380.D
 Acq: 16 May 2025 19:28

Tgt Ion: 75 Resp: 94996
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.242 ug/l

RT: 12.699 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VD080380.D

Acq: 16 May 2025 19:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

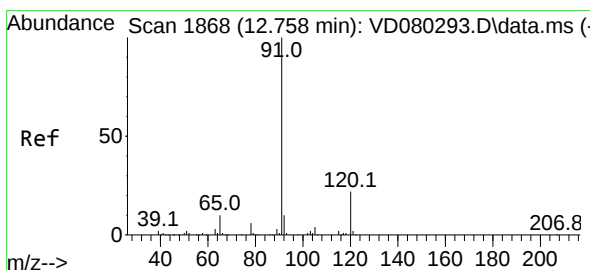
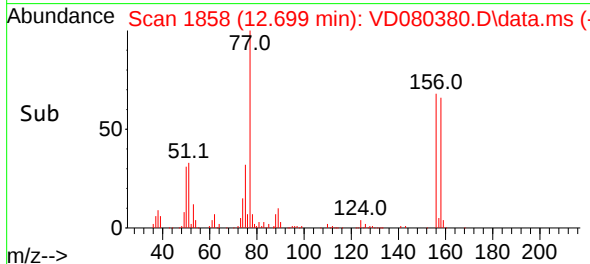
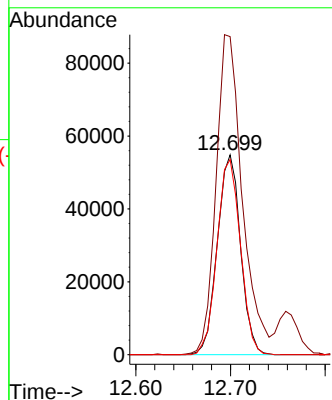
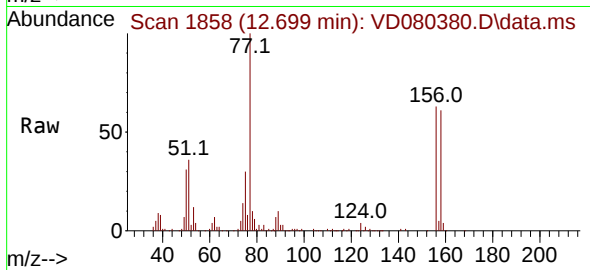
Tgt Ion:156 Resp: 93388

Ion Ratio Lower Upper

156 100

77 181.3 89.8 269.6

158 98.6 47.9 143.8



#78

n-propylbenzene

Concen: 54.114 ug/l

RT: 12.758 min Scan# 1868

Delta R.T. -0.005 min

Lab File: VD080380.D

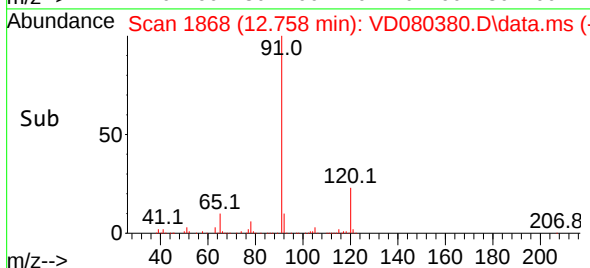
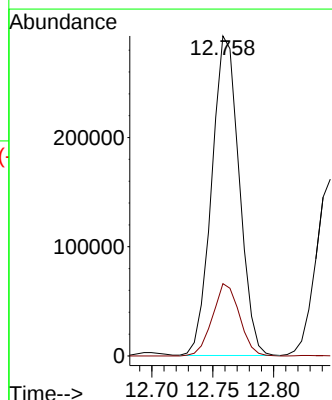
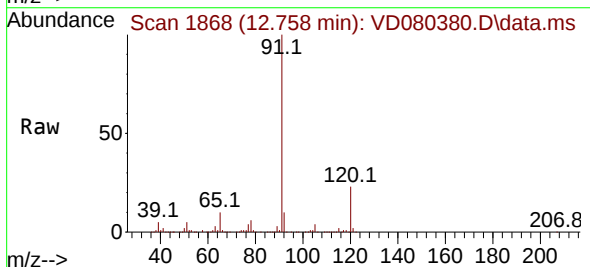
Acq: 16 May 2025 19:28

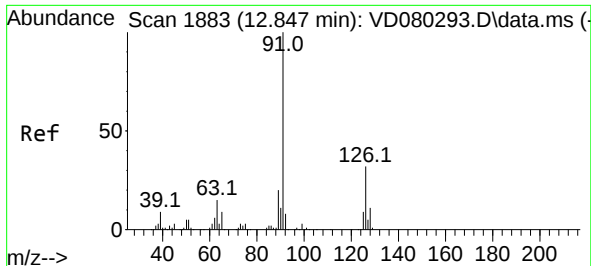
Tgt Ion: 91 Resp: 459207

Ion Ratio Lower Upper

91 100

120 22.2 11.2 33.5

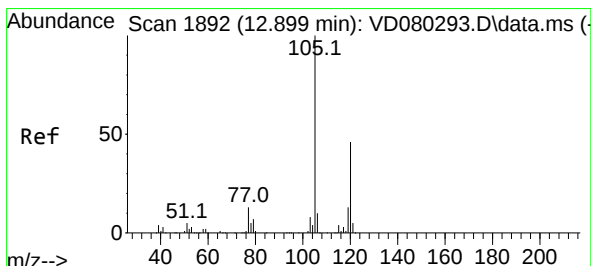
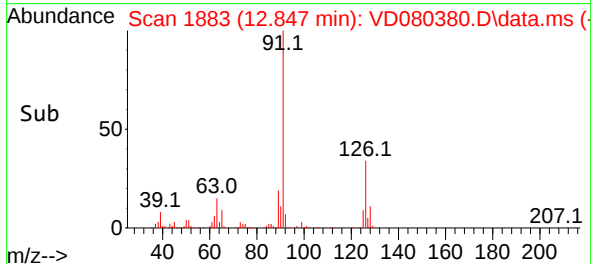
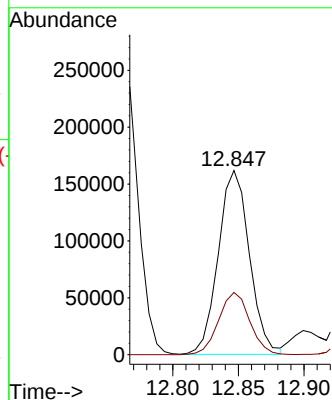
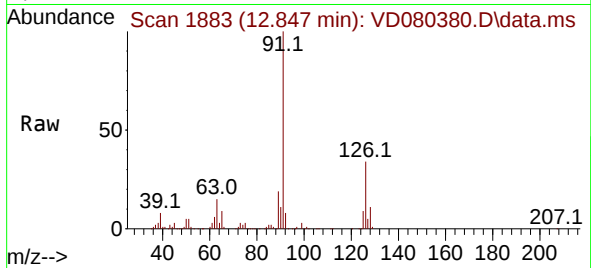




#79
2-Chlorotoluene
Concen: 54.202 ug/l
RT: 12.847 min Scan# 1883
Delta R.T. 0.001 min
Lab File: VD080380.D
Acq: 16 May 2025 19:28

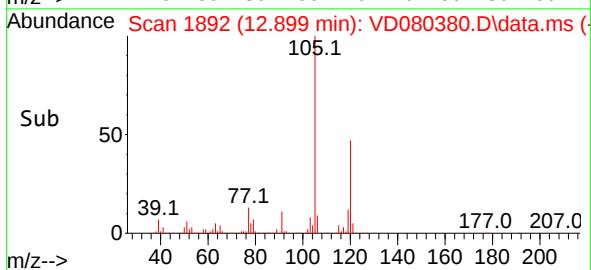
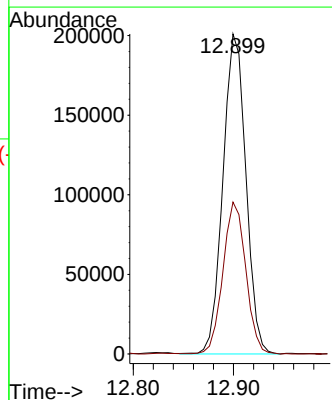
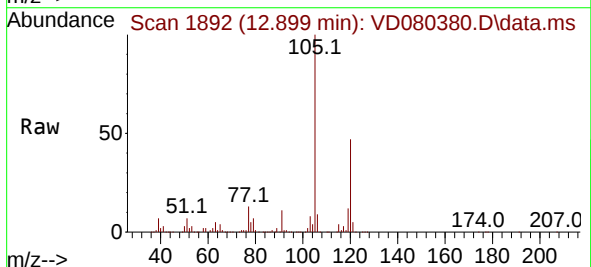
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

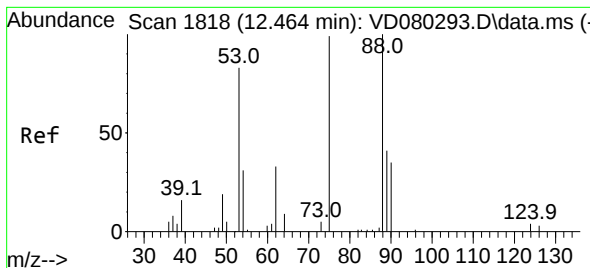
Tgt Ion: 91 Resp: 267543
Ion Ratio Lower Upper
91 100
126 33.8 17.2 51.5



#80
1,3,5-Trimethylbenzene
Concen: 55.404 ug/l
RT: 12.899 min Scan# 1892
Delta R.T. -0.005 min
Lab File: VD080380.D
Acq: 16 May 2025 19:28

Tgt Ion:105 Resp: 319547
Ion Ratio Lower Upper
105 100
120 47.3 25.0 75.0

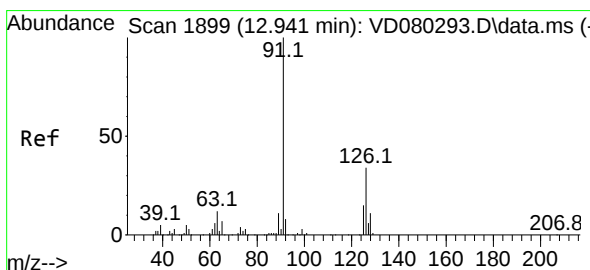
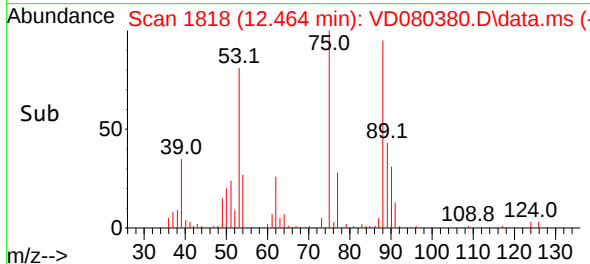
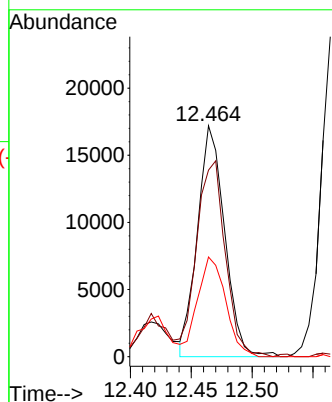
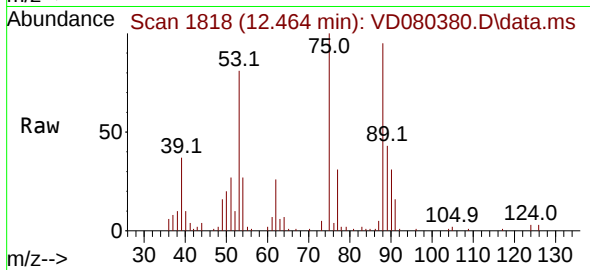




#81
trans-1,4-Dichloro-2-butene
Concen: 50.514 ug/l
RT: 12.464 min Scan# 1818
Delta R.T. -0.005 min
Lab File: VD080380.D
Acq: 16 May 2025 19:28

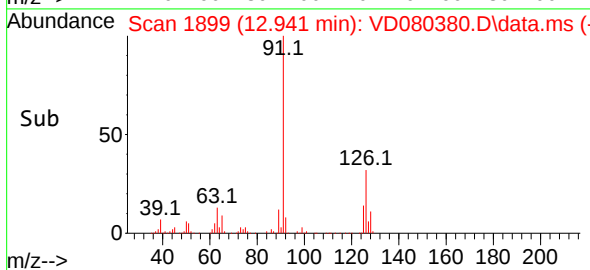
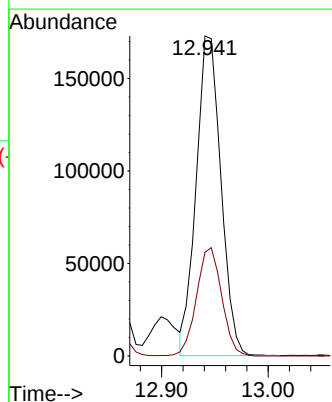
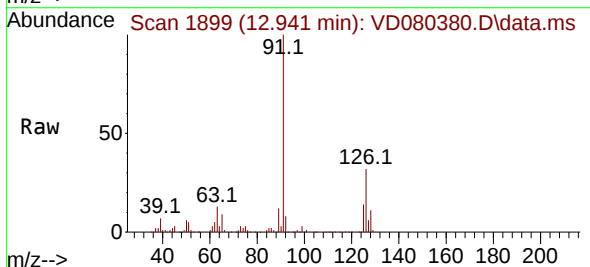
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

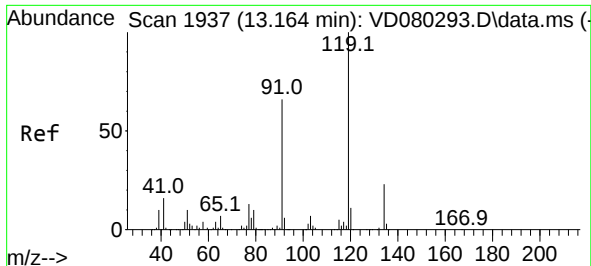
Tgt Ion: 75 Resp: 26774
Ion Ratio Lower Upper
75 100
53 90.4 68.7 103.1
89 44.8 36.1 54.1



#82
4-Chlorotoluene
Concen: 52.462 ug/l
RT: 12.941 min Scan# 1899
Delta R.T. -0.005 min
Lab File: VD080380.D
Acq: 16 May 2025 19:28

Tgt Ion: 91 Resp: 279526
Ion Ratio Lower Upper
91 100
126 34.5 16.8 50.3

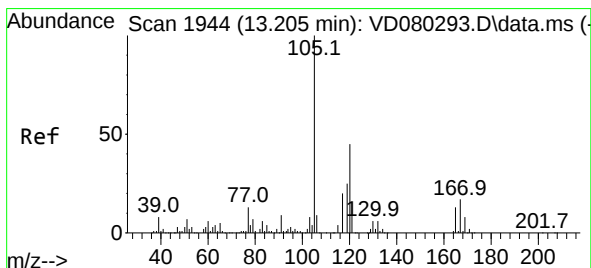
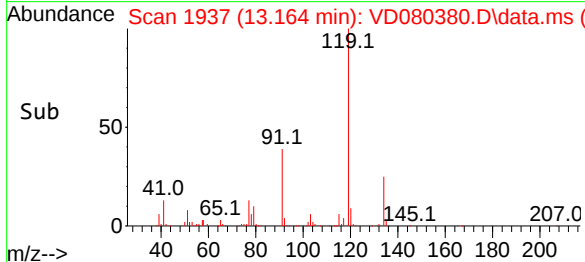
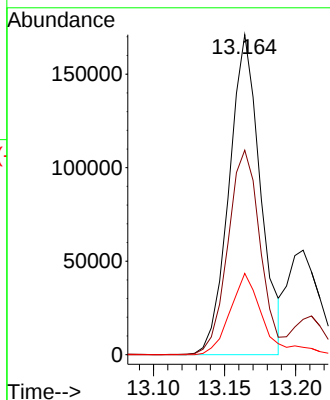
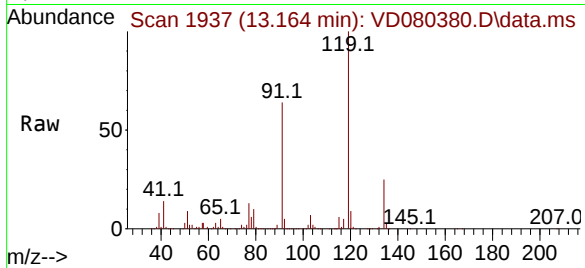




#83
tert-Butylbenzene
Concen: 54.566 ug/l
RT: 13.164 min Scan# 1937
Delta R.T. 0.001 min
Lab File: VD080380.D
Acq: 16 May 2025 19:28

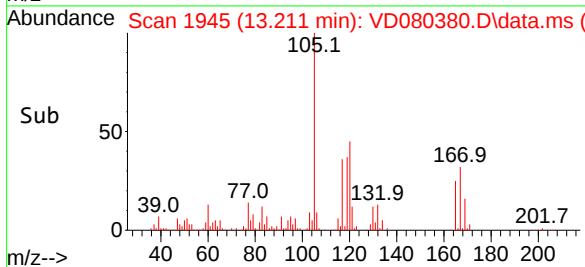
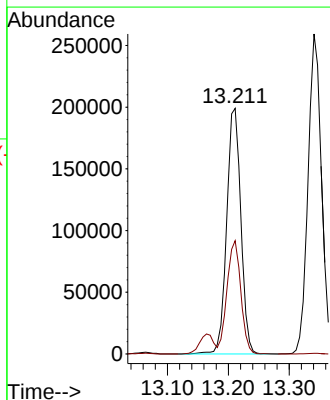
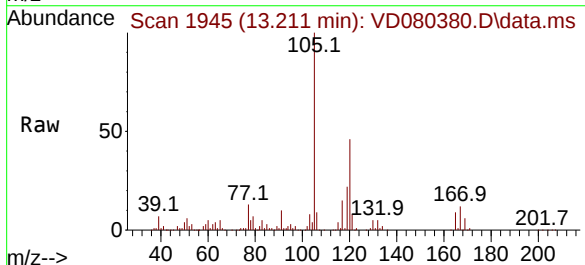
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

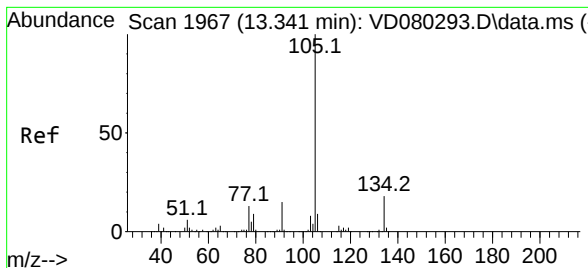
Tgt Ion:119 Resp: 262622
Ion Ratio Lower Upper
119 100
91 66.8 33.3 99.9
134 26.8 13.5 40.5



#84
1,2,4-Trimethylbenzene
Concen: 54.640 ug/l
RT: 13.211 min Scan# 1945
Delta R.T. 0.001 min
Lab File: VD080380.D
Acq: 16 May 2025 19:28

Tgt Ion:105 Resp: 322437
Ion Ratio Lower Upper
105 100
120 45.0 22.8 68.4





#85

sec-Butylbenzene

Concen: 53.523 ug/l

RT: 13.341 min Scan# 1967

Delta R.T. 0.001 min

Lab File: VD080380.D

Acq: 16 May 2025 19:28

Instrument :

MSVOA_D

ClientSampleId :

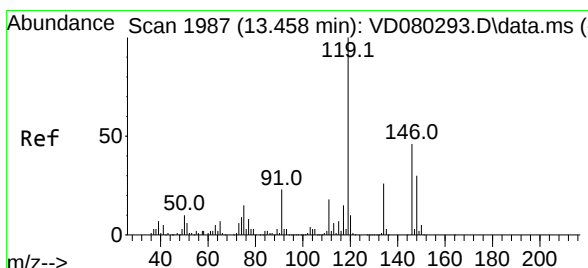
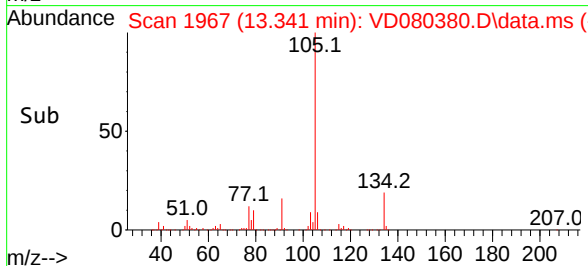
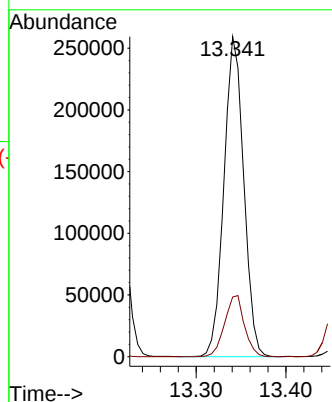
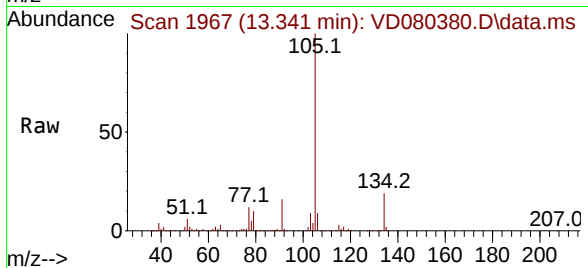
VSTDCCC050EC

Tgt Ion:105 Resp: 397242

Ion Ratio Lower Upper

105 100

134 19.1 9.8 29.3



#86

p-Isopropyltoluene

Concen: 53.851 ug/l

RT: 13.458 min Scan# 1987

Delta R.T. 0.001 min

Lab File: VD080380.D

Acq: 16 May 2025 19:28

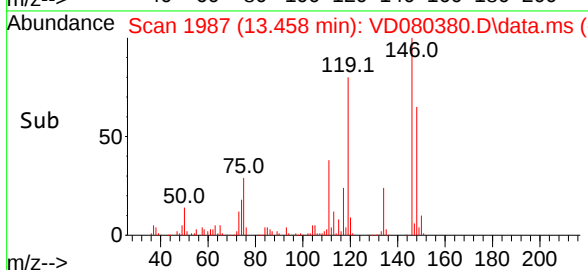
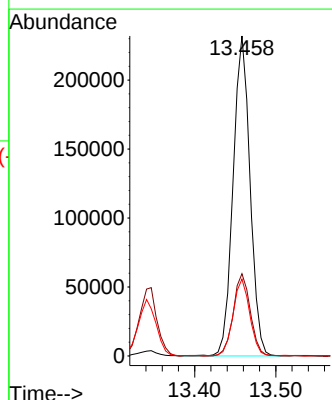
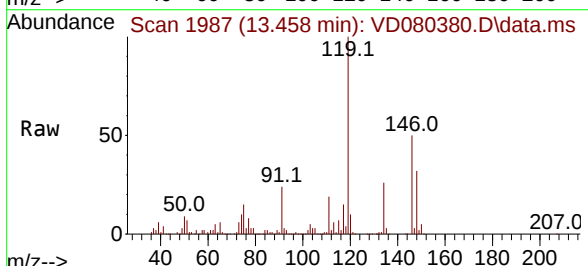
Tgt Ion:119 Resp: 335905

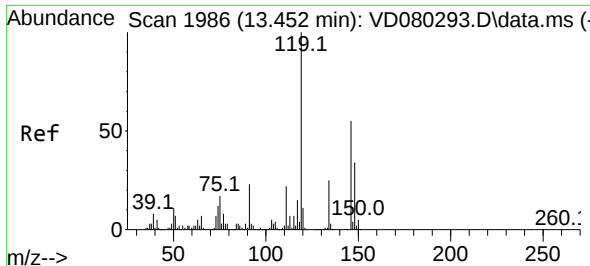
Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.1

91 23.8 12.2 36.4

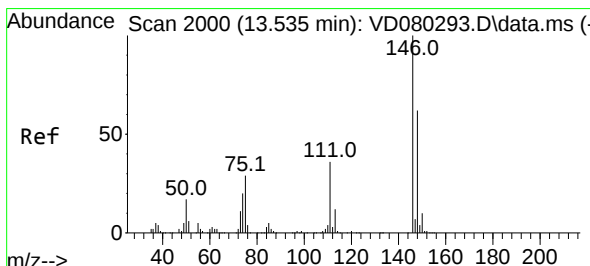
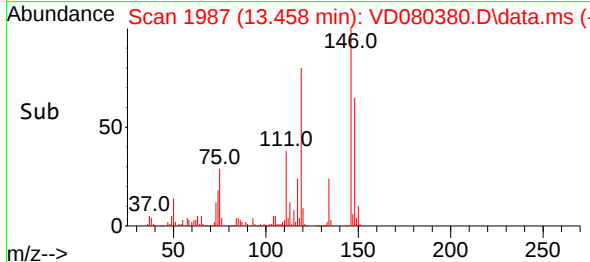
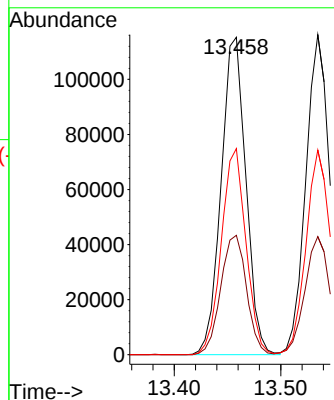
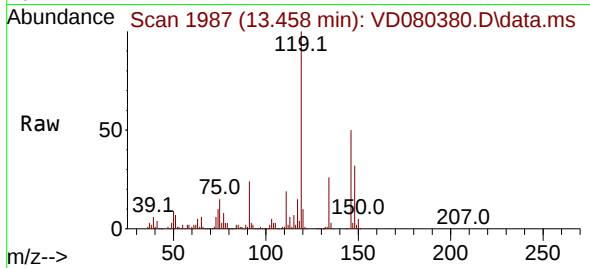




#87
 1,3-Dichlorobenzene
 Concen: 50.901 ug/l
 RT: 13.458 min Scan# 1986
 Delta R.T. 0.001 min
 Lab File: VD080380.D
 Acq: 16 May 2025 19:28

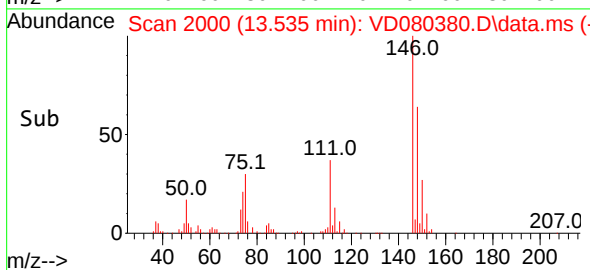
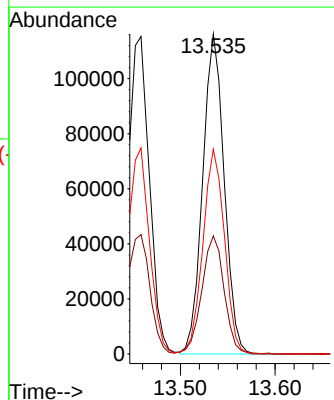
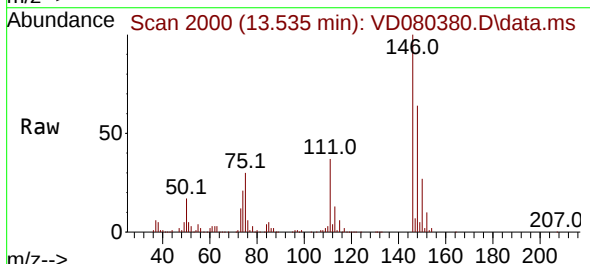
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

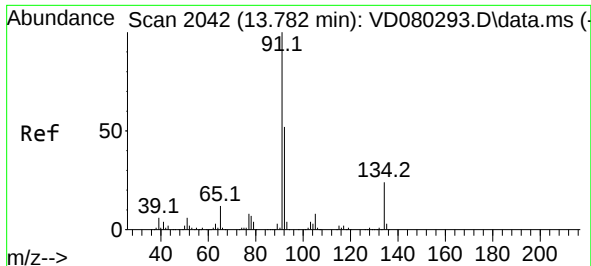
Tgt Ion:146 Resp: 186193
 Ion Ratio Lower Upper
 146 100
 111 39.2 20.0 59.9
 148 64.4 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 49.655 ug/l
 RT: 13.535 min Scan# 2000
 Delta R.T. 0.001 min
 Lab File: VD080380.D
 Acq: 16 May 2025 19:28

Tgt Ion:146 Resp: 183113
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.3 57.8
 148 64.3 32.9 98.7

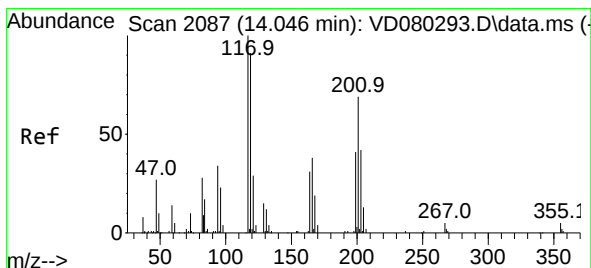
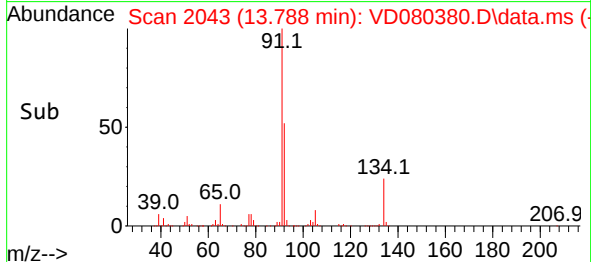
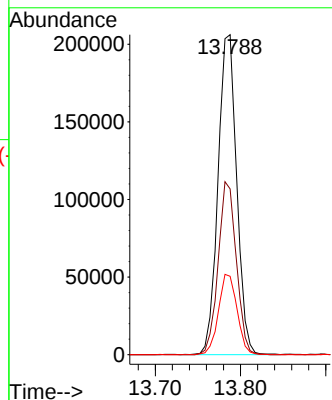
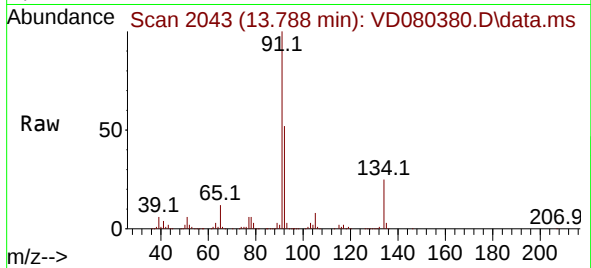




#89
n-Butylbenzene
Concen: 51.821 ug/l
RT: 13.788 min Scan# 2042
Delta R.T. 0.001 min
Lab File: VD080380.D
Acq: 16 May 2025 19:28

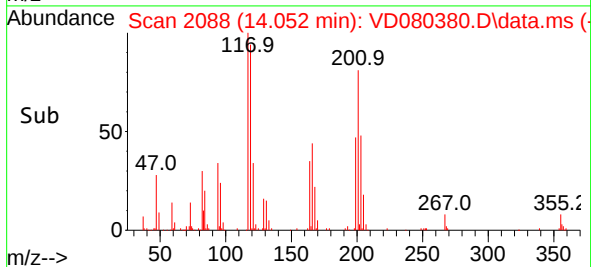
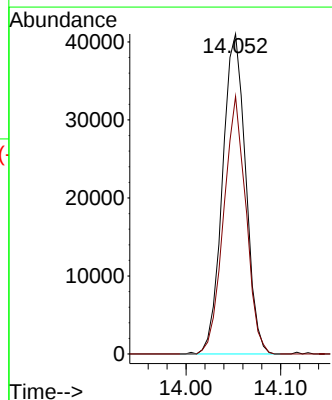
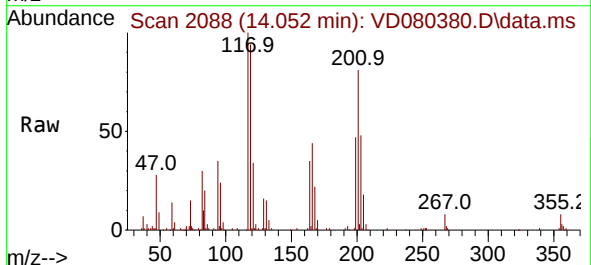
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

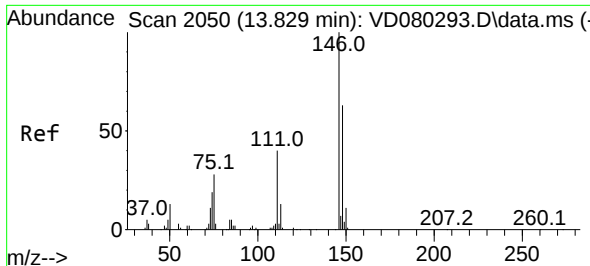
Tgt Ion: 91 Resp: 313788
Ion Ratio Lower Upper
91 100
92 52.5 26.3 78.9
134 25.0 12.3 36.8



#90
Hexachloroethane
Concen: 50.407 ug/l
RT: 14.052 min Scan# 2088
Delta R.T. 0.001 min
Lab File: VD080380.D
Acq: 16 May 2025 19:28

Tgt Ion: 117 Resp: 69570
Ion Ratio Lower Upper
117 100
201 77.5 37.5 112.5

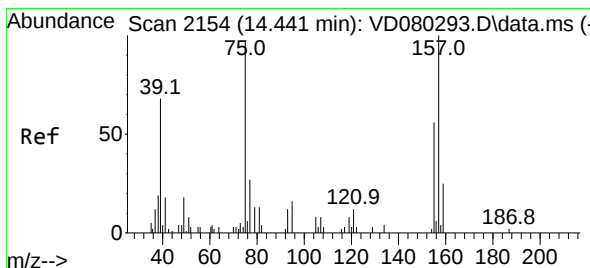
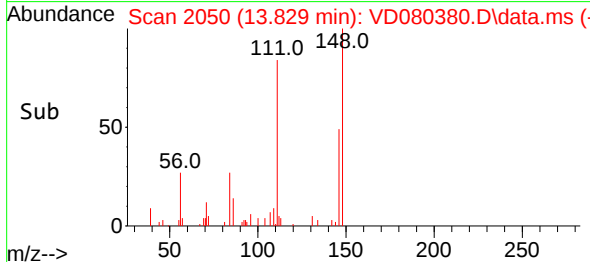
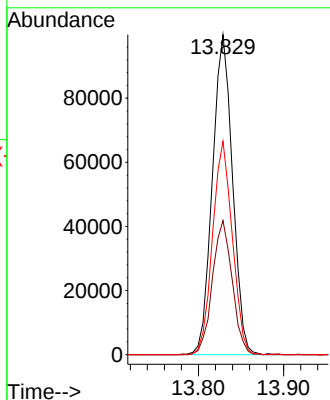
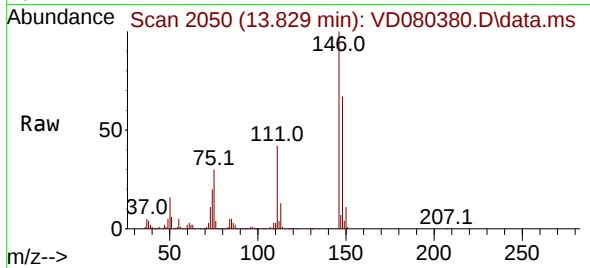




#91
 1,2-Dichlorobenzene
 Concen: 51.471 ug/l
 RT: 13.829 min Scan# 2050
 Delta R.T. 0.001 min
 Lab File: VD080380.D
 Acq: 16 May 2025 19:28

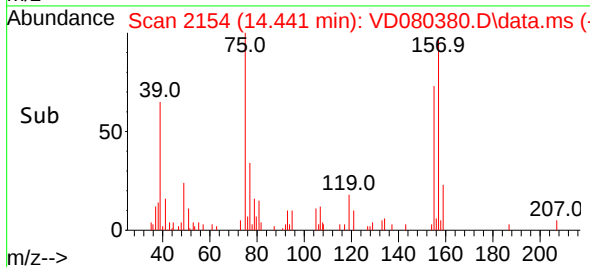
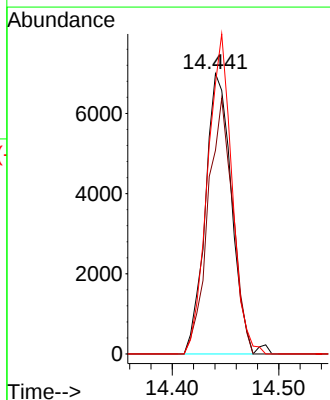
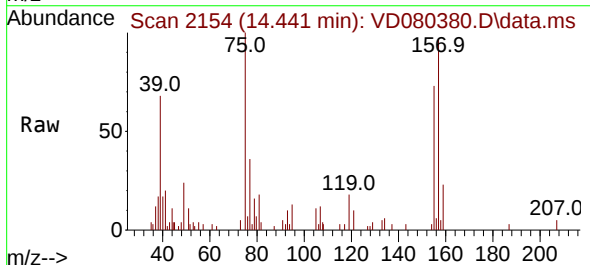
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

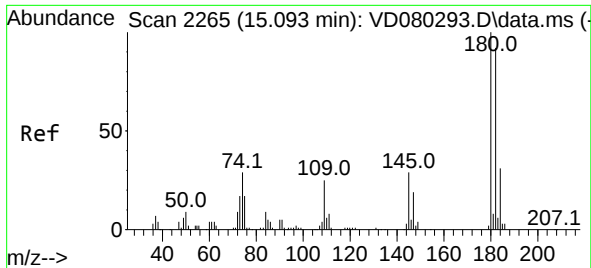
Tgt Ion:146 Resp: 163556
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.6 61.8
 148 65.5 32.7 98.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.591 ug/l
 RT: 14.441 min Scan# 2154
 Delta R.T. 0.001 min
 Lab File: VD080380.D
 Acq: 16 May 2025 19:28

Tgt Ion: 75 Resp: 11990
 Ion Ratio Lower Upper
 75 100
 155 86.1 40.6 122.0
 157 105.6 53.3 159.9

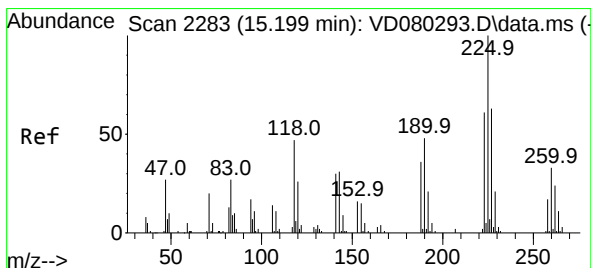
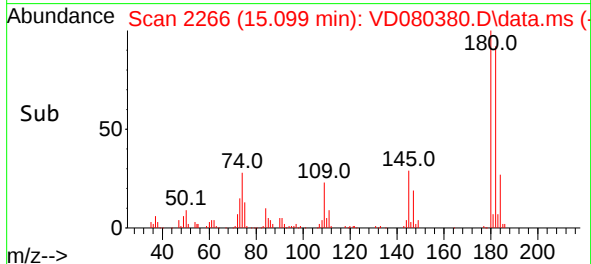
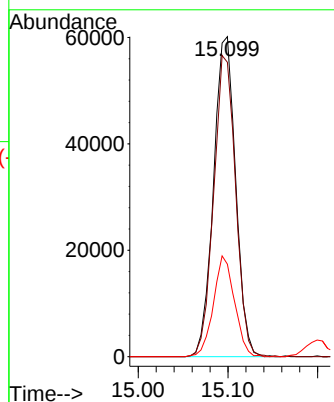
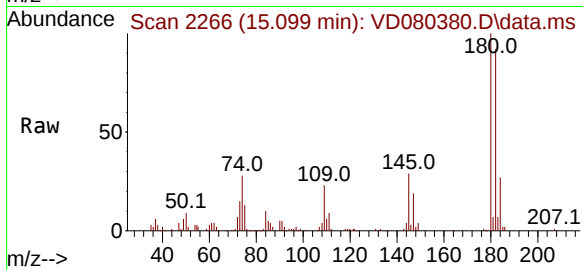




#93
 1,2,4-Trichlorobenzene
 Concen: 51.401 ug/l
 RT: 15.099 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: VD080380.D
 Acq: 16 May 2025 19:28

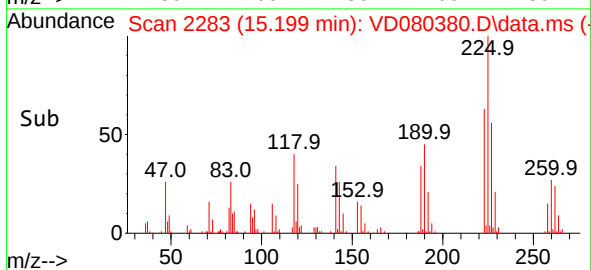
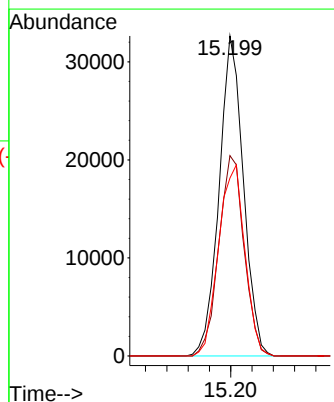
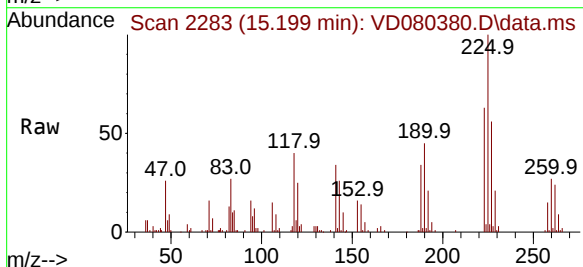
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

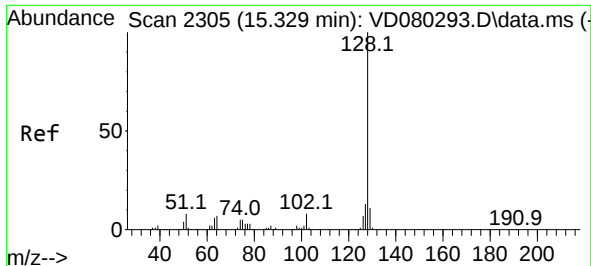
Tgt Ion:180 Resp: 102718
 Ion Ratio Lower Upper
 180 100
 182 93.4 47.4 142.2
 145 30.1 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: 49.659 ug/l
 RT: 15.199 min Scan# 2283
 Delta R.T. 0.001 min
 Lab File: VD080380.D
 Acq: 16 May 2025 19:28

Tgt Ion:225 Resp: 51628
 Ion Ratio Lower Upper
 225 100
 223 65.2 31.5 94.5
 227 64.5 30.9 92.5

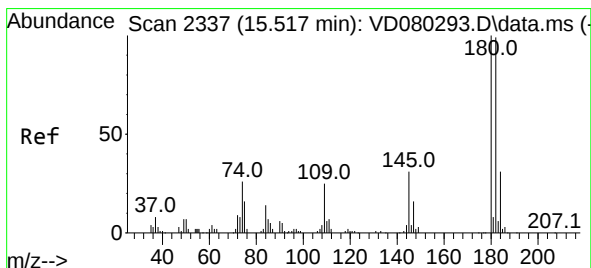
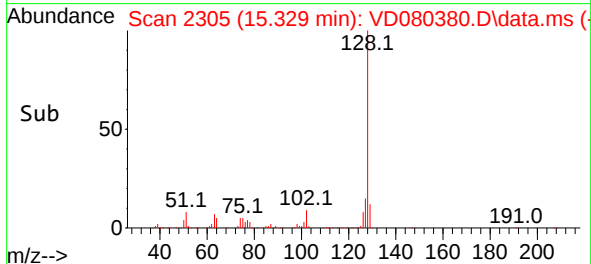
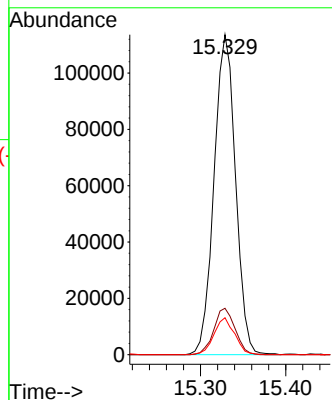
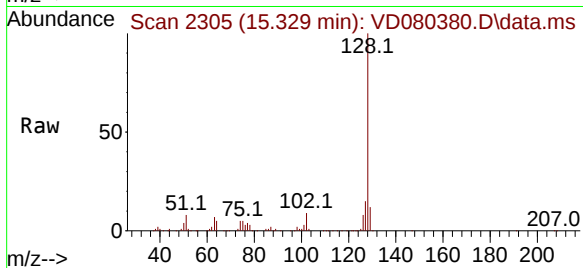




#95
Naphthalene
Concen: 53.146 ug/l
RT: 15.329 min Scan# 2305
Delta R.T. 0.001 min
Lab File: VD080380.D
Acq: 16 May 2025 19:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 199419
Ion Ratio Lower Upper
128 100
127 14.5 11.8 17.8
129 11.6 8.3 12.5



#96
1,2,3-Trichlorobenzene
Concen: 53.076 ug/l
RT: 15.517 min Scan# 2337
Delta R.T. 0.001 min
Lab File: VD080380.D
Acq: 16 May 2025 19:28

Tgt Ion:180 Resp: 94863
Ion Ratio Lower Upper
180 100
182 92.5 47.5 142.6
145 30.8 15.7 47.0

