

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051425\
 Data File : VD080336.D
 Acq On : 14 May 2025 21:58
 Operator : RP/MD
 Sample : VSTDCCC050EC
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 15 03:41:11 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	105953	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	167283	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	161197	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.511	152	91222	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.235	65	65877	48.080	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.160%
35) Dibromofluoromethane	7.806	113	63260	56.422	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.840%
50) Toluene-d8	10.270	98	238359	53.956	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.920%
62) 4-Bromofluorobenzene	12.570	95	77493	54.653	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	109.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.935	85	43982	46.854	ug/l	96
3) Chloromethane	2.153	50	76729	41.283	ug/l	90
4) Vinyl Chloride	2.288	62	96018	34.859	ug/l	98
5) Bromomethane	2.700	94	70624	35.620	ug/l	100
6) Chloroethane	2.841	64	73106	37.538	ug/l	97
7) Trichlorofluoromethane	3.182	101	103639	49.070	ug/l	99
8) Diethyl Ether	3.594	74	33744	51.758	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.976	101	65022	49.967	ug/l	98
10) Methyl Iodide	4.165	142	78168	58.927	ug/l	97
11) Tert butyl alcohol	5.053	59	19413	233.491	ug/l #	91
12) 1,1-Dichloroethene	3.947	96	62143	48.438	ug/l	92
13) Acrolein	3.800	56	12349	84.416	ug/l	98
14) Allyl chloride	4.570	41	90093	44.651	ug/l	94
15) Acrylonitrile	5.259	53	78921	251.792	ug/l	98
16) Acetone	4.023	43	58297	278.404	ug/l	97
17) Carbon Disulfide	4.276	76	199238	44.722	ug/l	100
18) Methyl Acetate	4.565	43	48392	54.582	ug/l	98
19) Methyl tert-butyl Ether	5.317	73	162026	57.488	ug/l	97
20) Methylene Chloride	4.800	84	85344	59.014	ug/l	98
21) trans-1,2-Dichloroethene	5.312	96	75366	54.075	ug/l	97
22) Diisopropyl ether	6.212	45	221017	53.176	ug/l	100
23) Vinyl Acetate	6.159	43	616680	254.748	ug/l	100
24) 1,1-Dichloroethane	6.112	63	136384	52.146	ug/l	98
25) 2-Butanone	7.082	43	93953	249.219	ug/l	96
26) 2,2-Dichloropropane	7.076	77	100613	48.345	ug/l	98
27) cis-1,2-Dichloroethene	7.082	96	86832	56.233	ug/l	97
28) Bromochloromethane	7.429	49	55652	45.700	ug/l	97
29) Tetrahydrofuran	7.441	42	66526	270.647	ug/l	98
30) Chloroform	7.600	83	146121	56.024	ug/l	99
31) Cyclohexane	7.882	56	100514	45.155	ug/l	93
32) 1,1,1-Trichloroethane	7.794	97	116261	54.636	ug/l	98
36) 1,1-Dichloropropene	8.011	75	93518	55.810	ug/l	98
37) Ethyl Acetate	7.170	43	46486	53.053	ug/l	96
38) Carbon Tetrachloride	7.994	117	102341	58.563	ug/l	97
39) Methylcyclohexane	9.276	83	104639	53.815	ug/l	99
40) Benzene	8.253	78	300835	57.298	ug/l	98

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.394	41	25348	52.275	ug/l	97
42) 1,2-Dichloroethane	8.323	62	87429	57.466	ug/l	100
43) Isopropyl Acetate	8.359	43	86590	54.497	ug/l	99
44) Trichloroethene	9.029	130	70079	57.500	ug/l	91
45) 1,2-Dichloropropane	9.306	63	78016	57.938	ug/l	98
46) Dibromomethane	9.394	93	46531	63.469	ug/l	95
47) Bromodichloromethane	9.582	83	111990	60.183	ug/l	100
48) Methyl methacrylate	9.382	41	43766	57.972	ug/l	95
49) 1,4-Dioxane	9.388	88	9375	1075.571	ug/l	96
51) 4-Methyl-2-Pentanone	10.158	43	238845	291.747	ug/l	97
52) Toluene	10.335	92	191806	60.639	ug/l	98
53) t-1,3-Dichloropropene	10.553	75	100862	59.457	ug/l	100
54) cis-1,3-Dichloropropene	10.017	75	114404	58.197	ug/l	98
55) 1,1,2-Trichloroethane	10.729	97	60908	62.807	ug/l	96
56) Ethyl methacrylate	10.594	69	74949	63.781	ug/l	97
57) 1,3-Dichloropropane	10.876	76	100204	62.172	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.870	63	130696	271.772	ug/l	99
59) 2-Hexanone	10.917	43	164107	291.401	ug/l	100
60) Dibromochloromethane	11.076	129	77861	64.067	ug/l	97
61) 1,2-Dibromoethane	11.182	107	56528	62.862	ug/l	100
64) Tetrachloroethene	10.811	164	62732	57.468	ug/l	96
65) Chlorobenzene	11.605	112	210702	57.889	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.682	131	76250	60.976	ug/l	96
67) Ethyl Benzene	11.682	91	361667	59.460	ug/l	97
68) m/p-Xylenes	11.794	106	284594	120.502	ug/l	98
69) o-Xylene	12.117	106	130605	60.518	ug/l	98
70) Styrene	12.135	104	241776	62.390	ug/l	99
71) Bromoform	12.294	173	46983	63.238	ug/l #	98
73) Isopropylbenzene	12.417	105	335241	56.653	ug/l	100
74) N-amyl acetate	12.229	43	84759	49.907	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.670	83	72701	55.869	ug/l	97
76) 1,2,3-Trichloropropane	12.723	75	89136	101.244	ug/l #	100
77) Bromobenzene	12.699	156	87295	56.873	ug/l	97
78) n-propylbenzene	12.758	91	426480	57.431	ug/l	99
79) 2-Chlorotoluene	12.847	91	248614	57.557	ug/l	100
80) 1,3,5-Trimethylbenzene	12.899	105	297026	58.851	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.464	75	25506	54.991	ug/l	97
82) 4-Chlorotoluene	12.941	91	266570	57.172	ug/l	99
83) tert-Butylbenzene	13.164	119	244701	58.101	ug/l	100
84) 1,2,4-Trimethylbenzene	13.211	105	307575	59.562	ug/l	99
85) sec-Butylbenzene	13.341	105	367826	56.634	ug/l	99
86) p-Isopropyltoluene	13.458	119	321761	58.947	ug/l	99
87) 1,3-Dichlorobenzene	13.458	146	182460	57.000	ug/l	99
88) 1,4-Dichlorobenzene	13.535	146	181429	56.222	ug/l	98
89) n-Butylbenzene	13.782	91	302547	57.097	ug/l	99
90) Hexachloroethane	14.052	117	69678	57.692	ug/l	96
91) 1,2-Dichlorobenzene	13.829	146	161753	58.170	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.441	75	11828	57.032	ug/l	93
93) 1,2,4-Trichlorobenzene	15.093	180	102618	58.681	ug/l	99
94) Hexachlorobutadiene	15.199	225	51110	56.178	ug/l	98
95) Naphthalene	15.329	128	193157	58.826	ug/l	99
96) 1,2,3-Trichlorobenzene	15.517	180	94346	60.322	ug/l	98

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

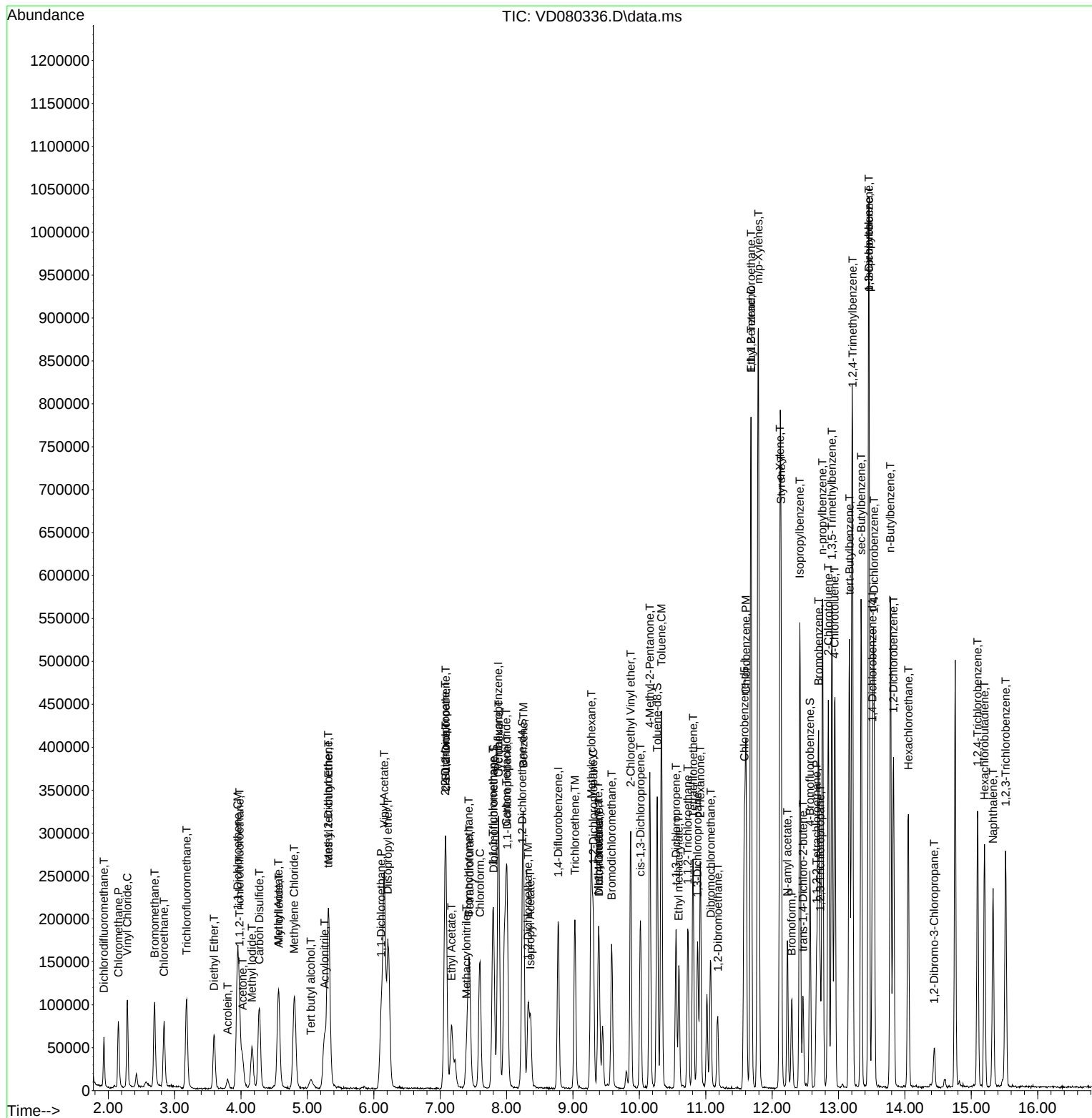
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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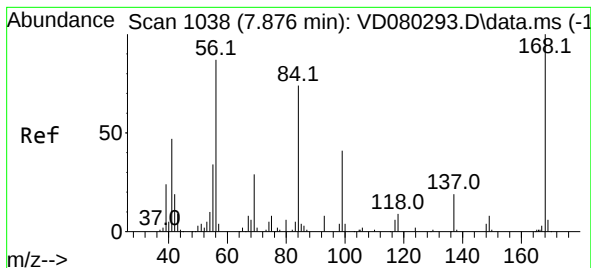
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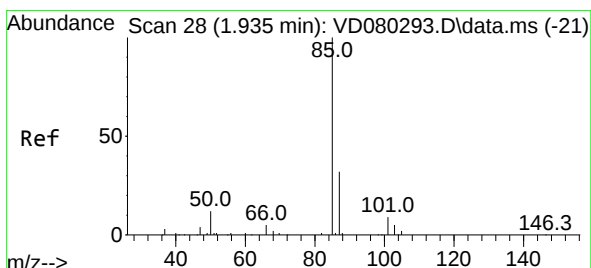
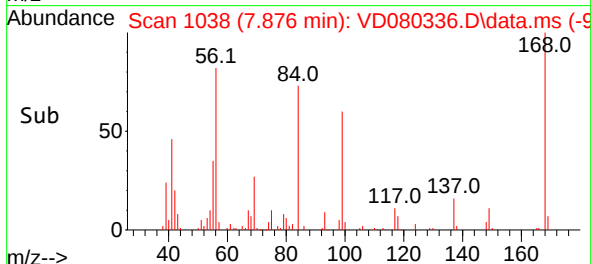
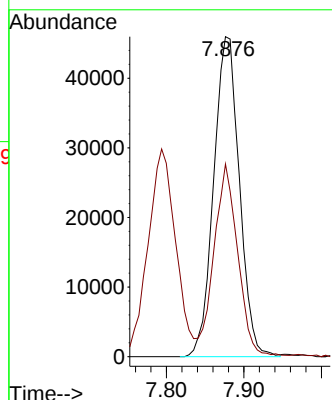
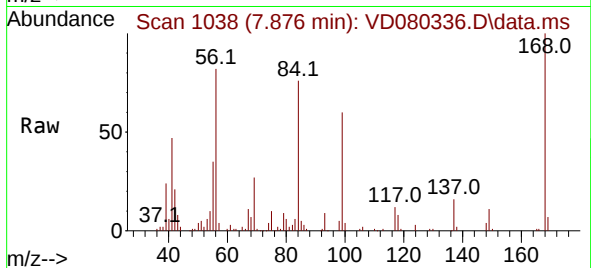




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.001 min
Lab File: VD080336.D
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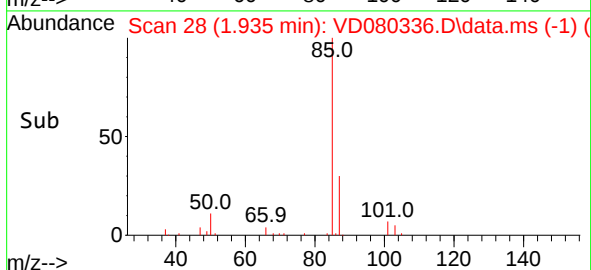
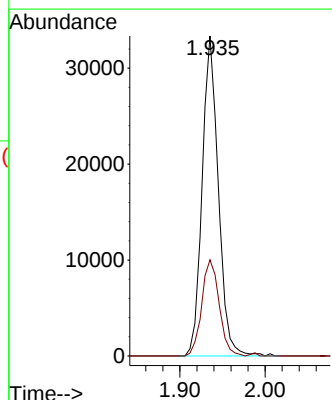
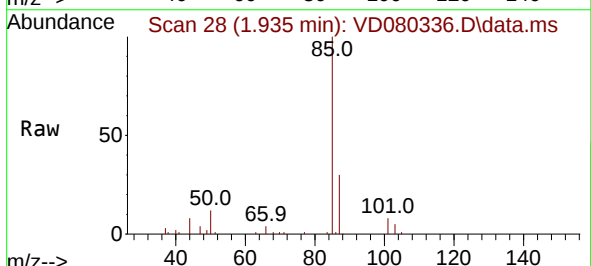
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

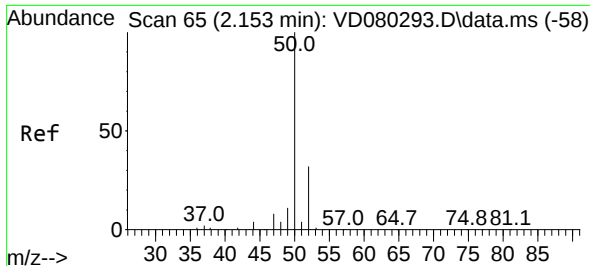
Tgt Ion:168 Resp: 105953
Ion Ratio Lower Upper
168 100
99 59.7 46.0 69.0



#2
Dichlorodifluoromethane
Concen: 46.854 ug/l
RT: 1.935 min Scan# 28
Delta R.T. 0.001 min
Lab File: VD080336.D
Acq: 14 May 2025 21:58

Tgt Ion: 85 Resp: 43982
Ion Ratio Lower Upper
85 100
87 30.0 16.1 48.2

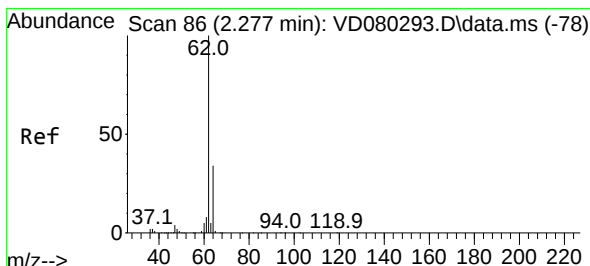
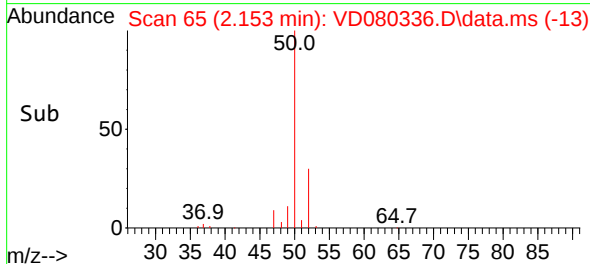
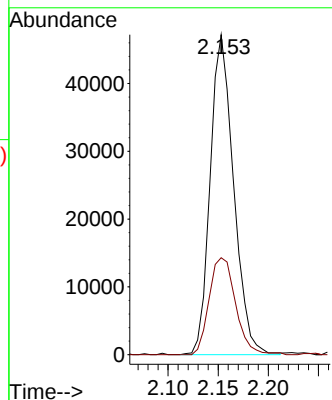
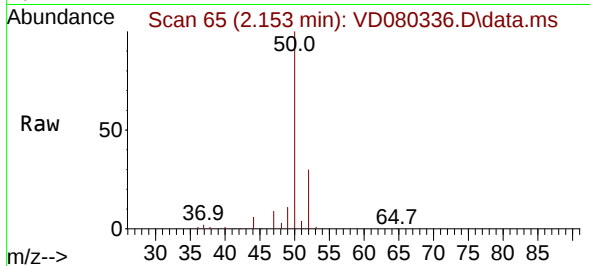




#3
Chloromethane
Concen: 41.283 ug/l
RT: 2.153 min Scan# 61
Delta R.T. 0.007 min
Lab File: VD080336.D
Acq: 14 May 2025 21:58

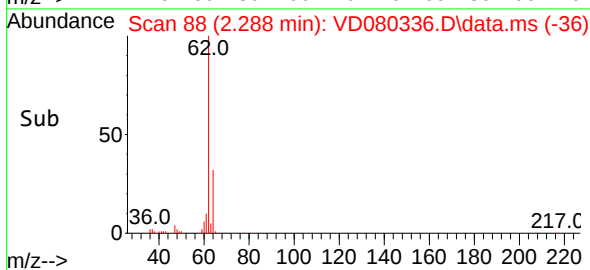
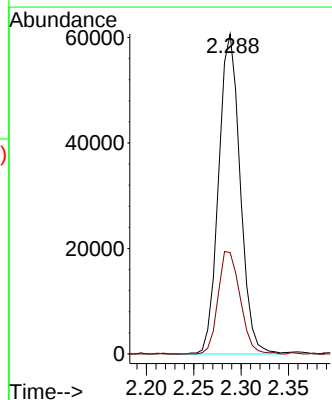
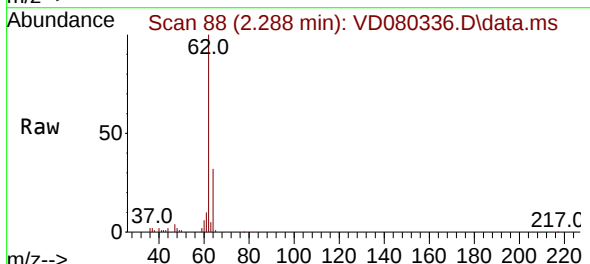
Instrument :
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ClientSampleId :
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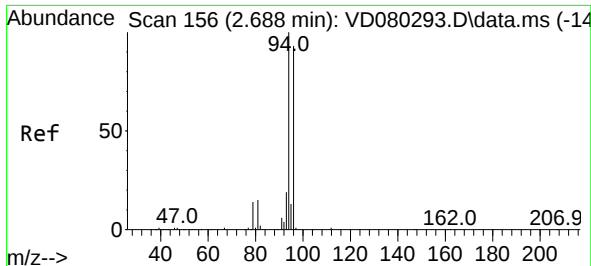
Tgt Ion: 50 Resp: 76729
Ion Ratio Lower Upper
50 100
52 30.3 28.8 43.2



#4
Vinyl Chloride
Concen: 34.859 ug/l
RT: 2.288 min Scan# 88
Delta R.T. 0.007 min
Lab File: VD080336.D
Acq: 14 May 2025 21:58

Tgt Ion: 62 Resp: 96018
Ion Ratio Lower Upper
62 100
64 31.7 26.5 39.7

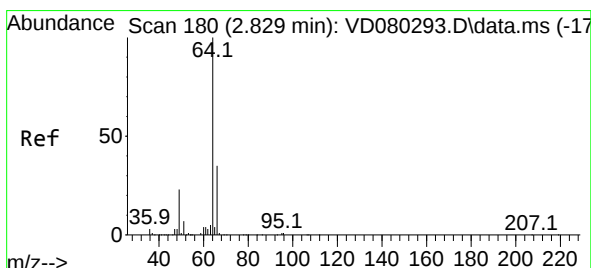
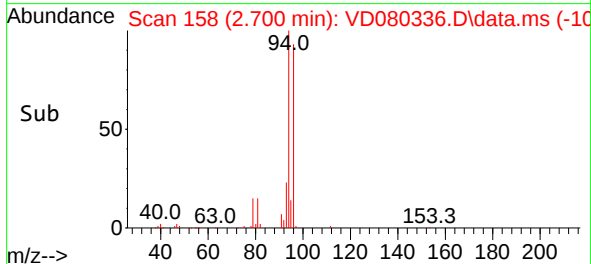
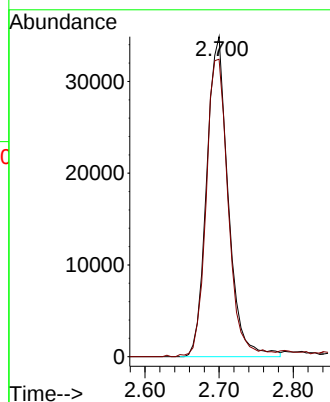
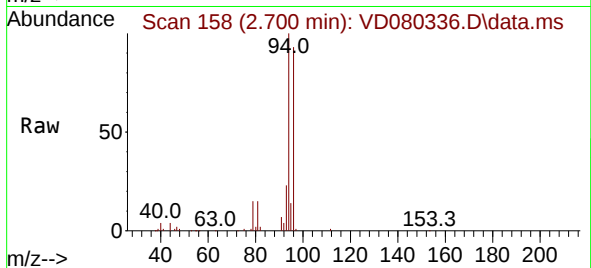




#5
Bromomethane
Concen: 35.620 ug/l
RT: 2.700 min Scan# 11
Delta R.T. 0.007 min
Lab File: VD080336.D
Acq: 14 May 2025 21:58

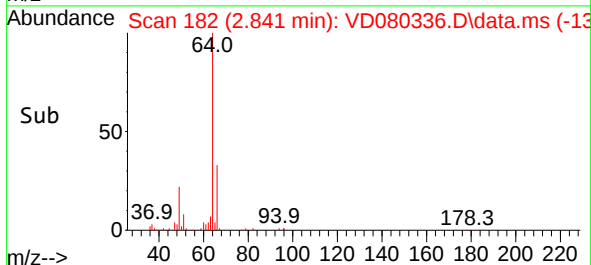
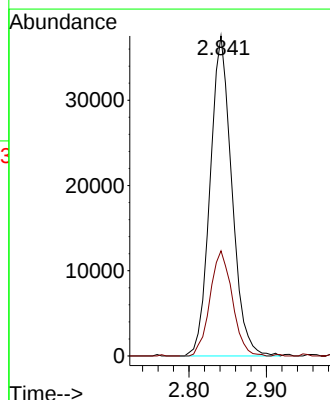
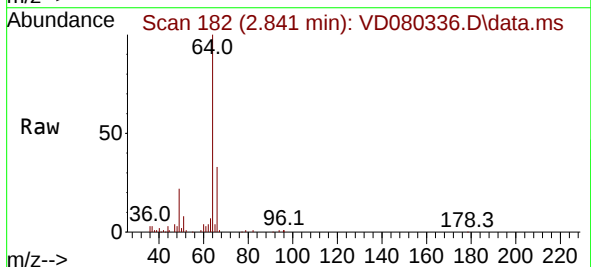
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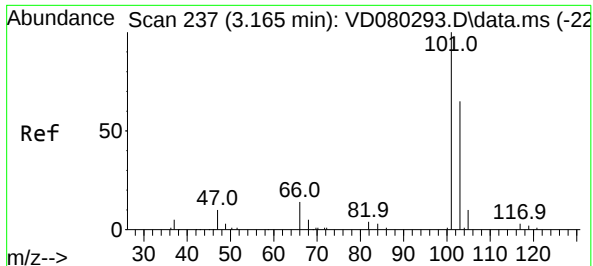
Tgt Ion: 94 Resp: 70624
Ion Ratio Lower Upper
94 100
96 95.3 76.2 114.2



#6
Chloroethane
Concen: 37.538 ug/l
RT: 2.841 min Scan# 182
Delta R.T. 0.007 min
Lab File: VD080336.D
Acq: 14 May 2025 21:58

Tgt Ion: 64 Resp: 73106
Ion Ratio Lower Upper
64 100
66 32.9 27.6 41.4

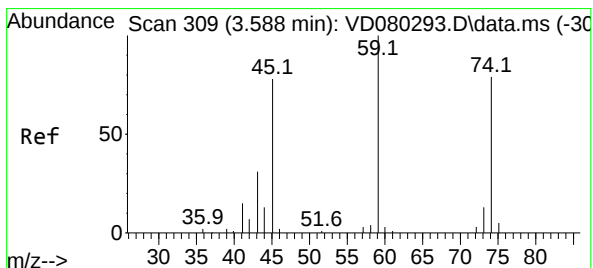
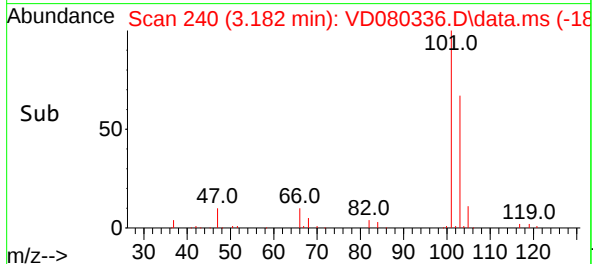
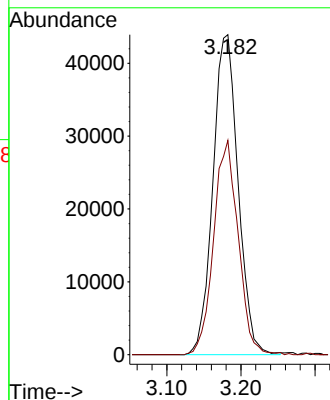
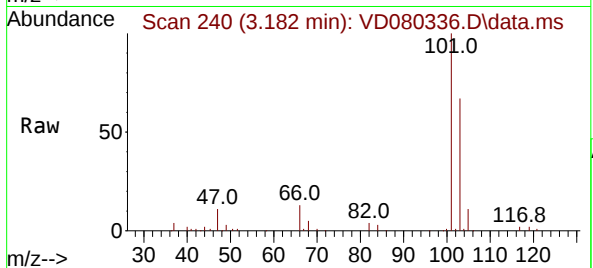




#7
Trichlorofluoromethane
Concen: 49.070 ug/l
RT: 3.182 min Scan# 24
Delta R.T. 0.012 min
Lab File: VD080336.D
Acq: 14 May 2025 21:58

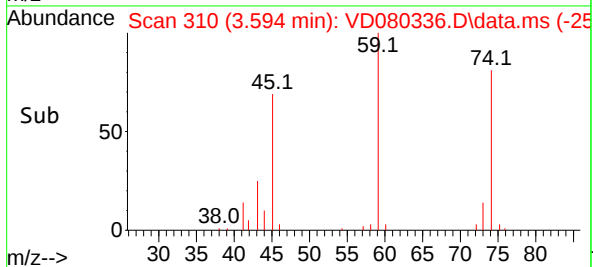
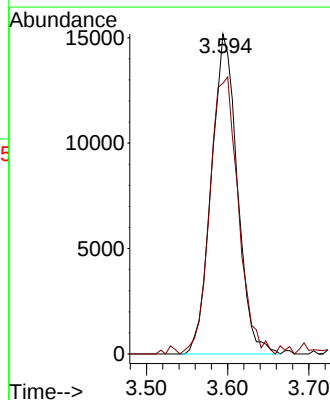
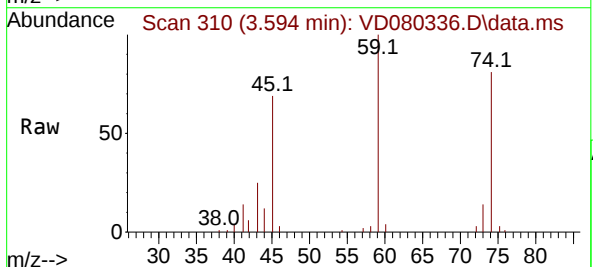
Instrument :
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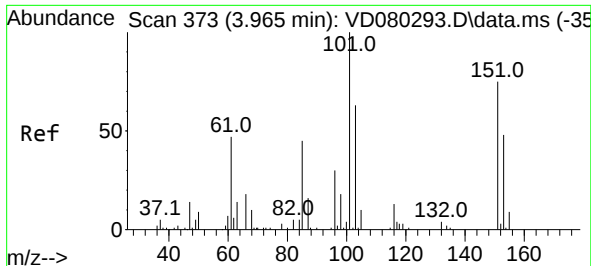
Tgt Ion:101 Resp: 103639
Ion Ratio Lower Upper
101 100
103 67.0 53.0 79.6



#8
Diethyl Ether
Concen: 51.758 ug/l
RT: 3.594 min Scan# 310
Delta R.T. 0.001 min
Lab File: VD080336.D
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Tgt Ion: 74 Resp: 33744
Ion Ratio Lower Upper
74 100
45 95.1 47.8 143.3

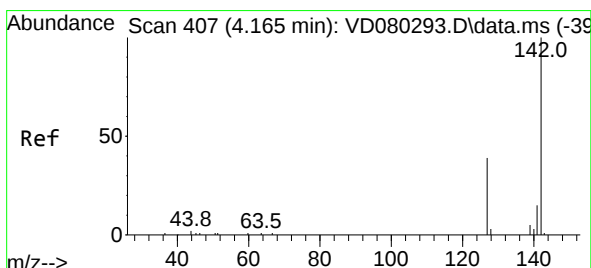
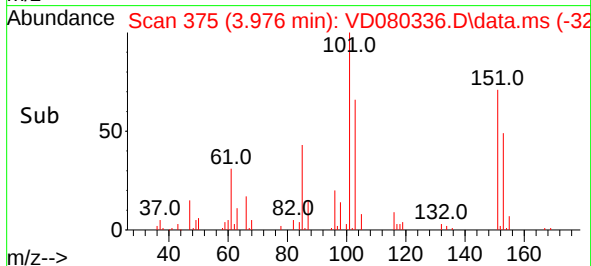
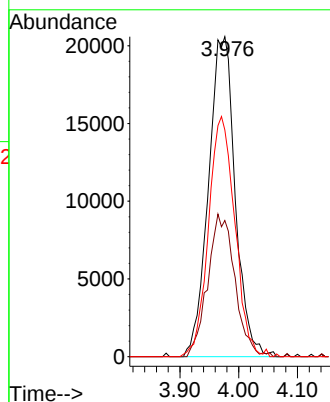
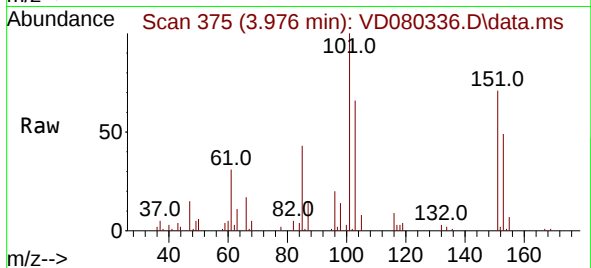




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.967 ug/l
RT: 3.976 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD080336.D
Acq: 14 May 2025 21:58

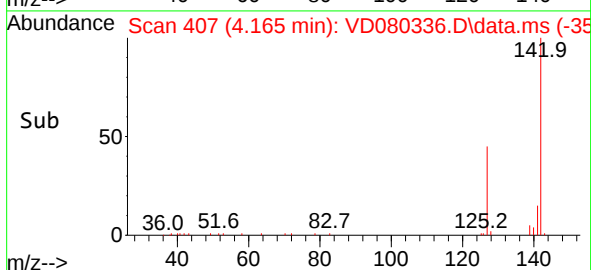
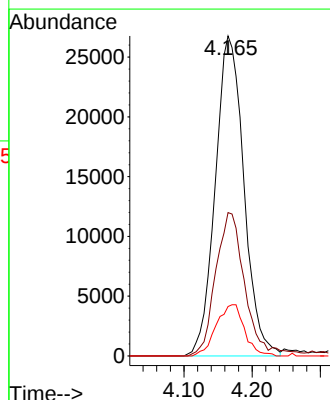
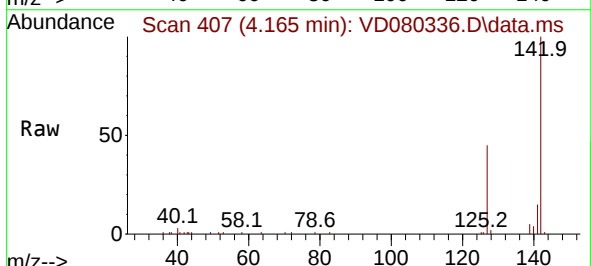
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

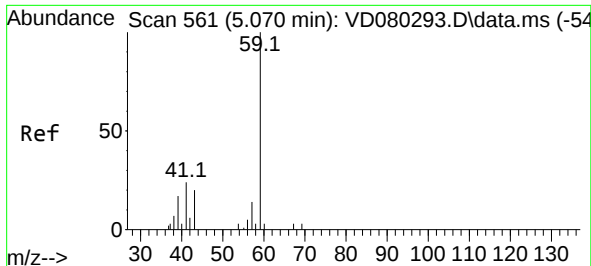
Tgt Ion:101 Resp: 65022
Ion Ratio Lower Upper
101 100
85 45.3 35.3 52.9
151 74.0 60.3 90.5



#10
Methyl Iodide
Concen: 58.927 ug/l
RT: 4.165 min Scan# 407
Delta R.T. 0.001 min
Lab File: VD080336.D
Acq: 14 May 2025 21:58

Tgt Ion:142 Resp: 78168
Ion Ratio Lower Upper
142 100
127 46.0 35.3 52.9
141 15.9 12.2 18.2





#11

Tert butyl alcohol

Concen: 233.491 ug/l

RT: 5.053 min Scan# 51

Delta R.T. -0.005 min

Lab File: VD080336.D

Acq: 14 May 2025 21:58

Instrument :

MSVOA_D

ClientSampleId :

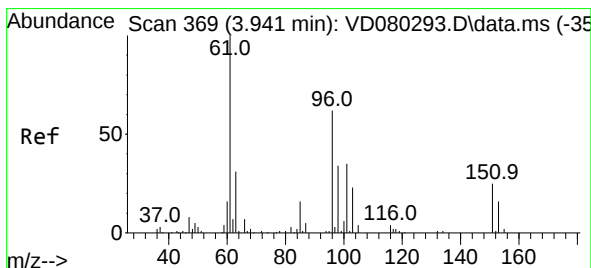
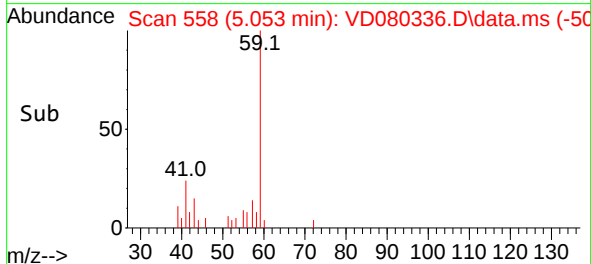
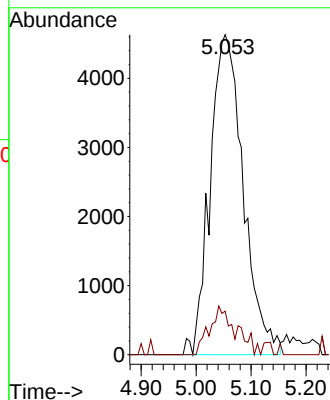
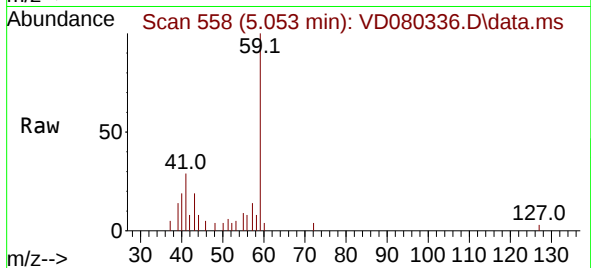
VSTDCCC050EC

Tgt Ion: 59 Resp: 19413

Ion Ratio Lower Upper

59 100

57 9.2 4.8 7.2#



#12

1,1-Dichloroethene

Concen: 48.438 ug/l

RT: 3.947 min Scan# 370

Delta R.T. 0.007 min

Lab File: VD080336.D

Acq: 14 May 2025 21:58

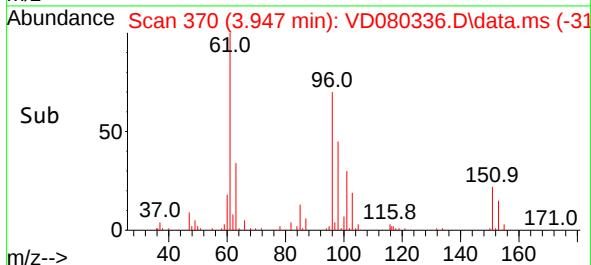
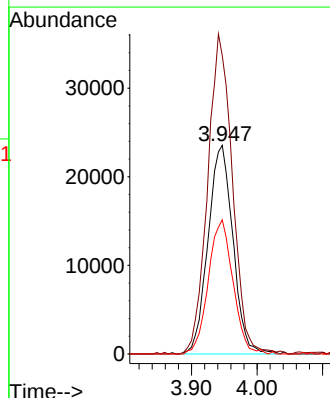
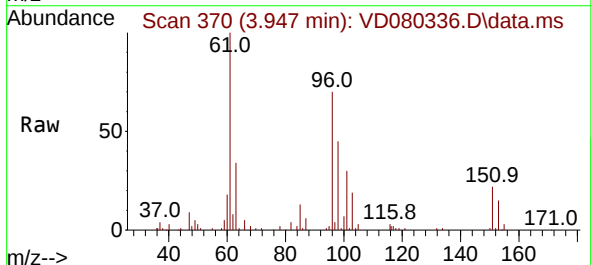
Tgt Ion: 96 Resp: 62143

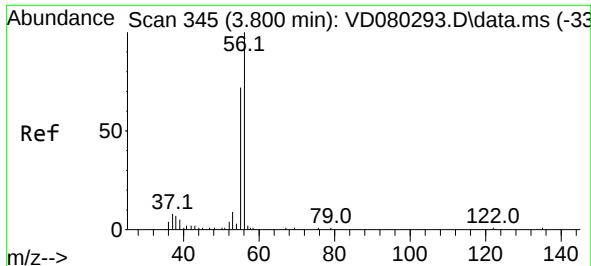
Ion Ratio Lower Upper

96 100

61 143.0 122.6 184.0

98 64.3 47.1 70.7

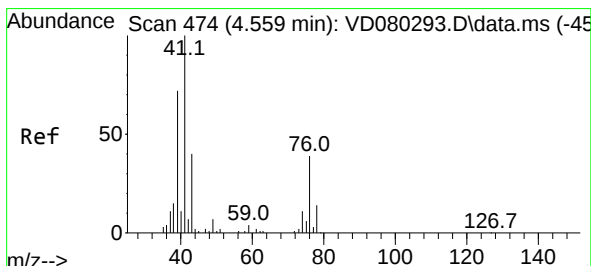
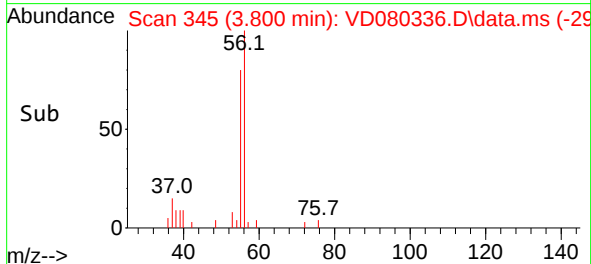
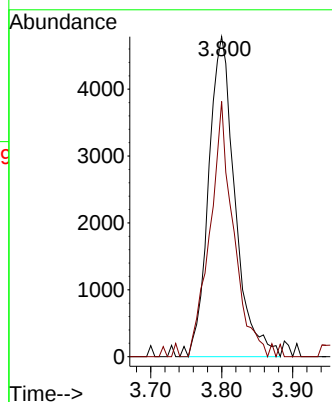
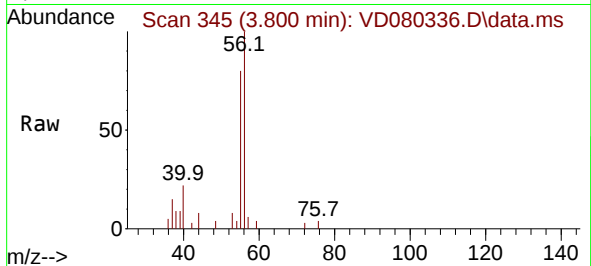




#13
Acrolein
Concen: 84.416 ug/l
RT: 3.800 min Scan# 345
Delta R.T. 0.007 min
Lab File: VD080336.D
Acq: 14 May 2025 21:58

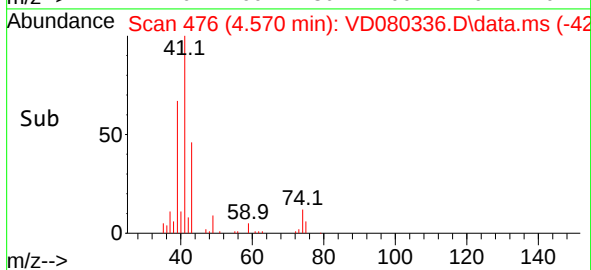
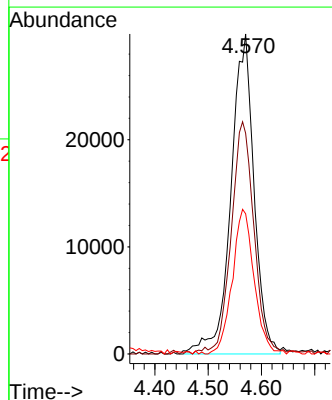
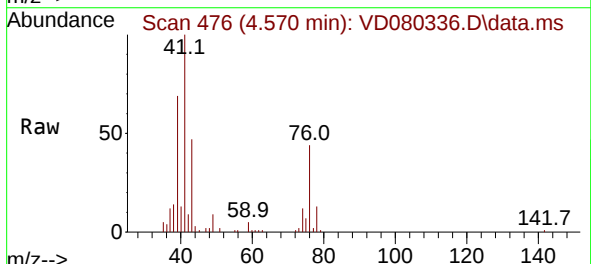
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

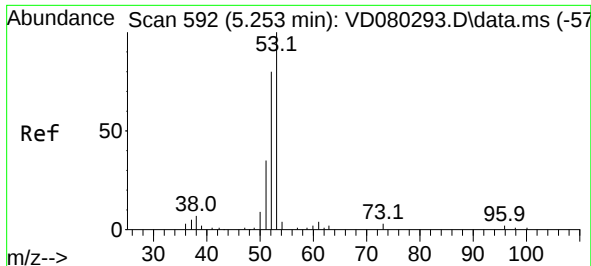
Tgt Ion: 56 Resp: 12349
Ion Ratio Lower Upper
56 100
55 70.7 58.2 87.2



#14
Allyl chloride
Concen: 44.651 ug/l
RT: 4.570 min Scan# 476
Delta R.T. 0.006 min
Lab File: VD080336.D
Acq: 14 May 2025 21:58

Tgt Ion: 41 Resp: 90093
Ion Ratio Lower Upper
41 100
39 71.8 53.3 79.9
76 42.7 32.0 48.0





#15

Acrylonitrile

Concen: 251.792 ug/l

RT: 5.259 min Scan# 592

Delta R.T. 0.007 min

Lab File: VD080336.D

Acq: 14 May 2025 21:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

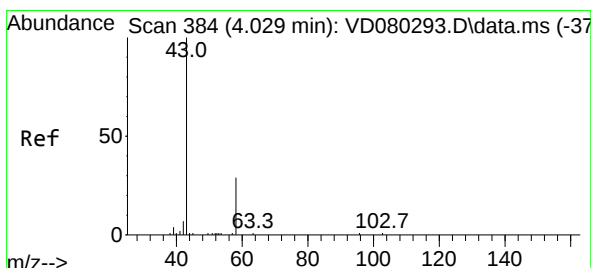
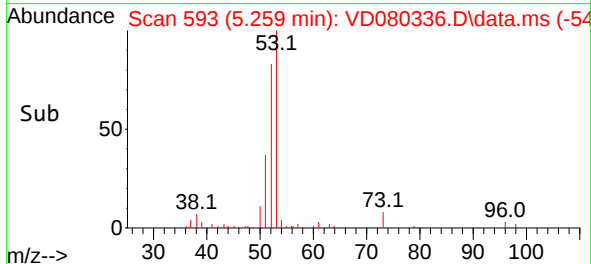
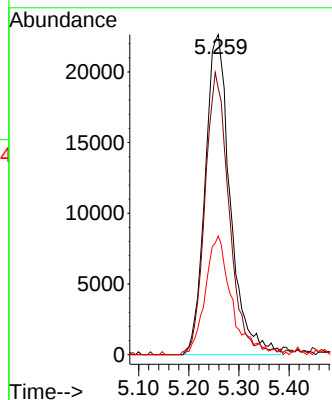
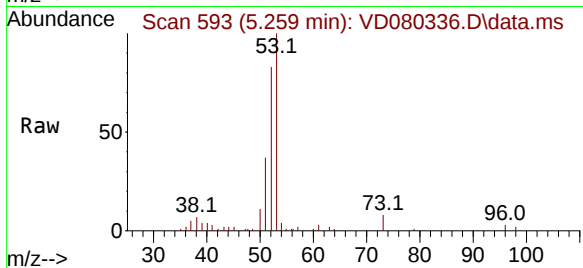
Tgt Ion: 53 Resp: 78921

Ion Ratio Lower Upper

53 100

52 84.7 66.2 99.4

51 38.7 30.3 45.5



#16

Acetone

Concen: 278.404 ug/l

RT: 4.023 min Scan# 383

Delta R.T. 0.000 min

Lab File: VD080336.D

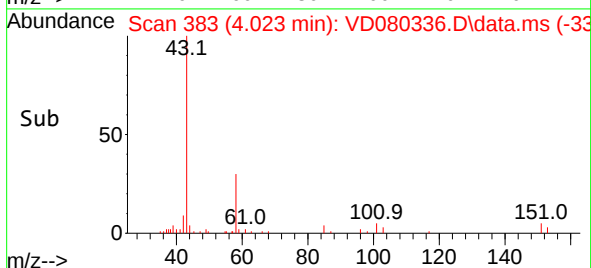
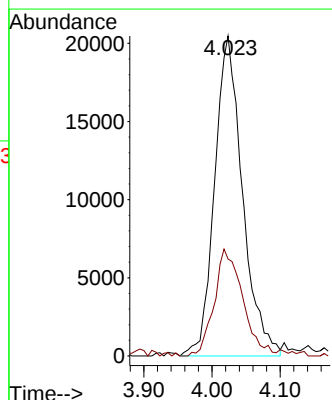
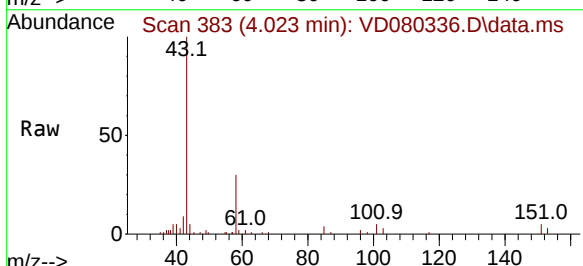
Acq: 14 May 2025 21:58

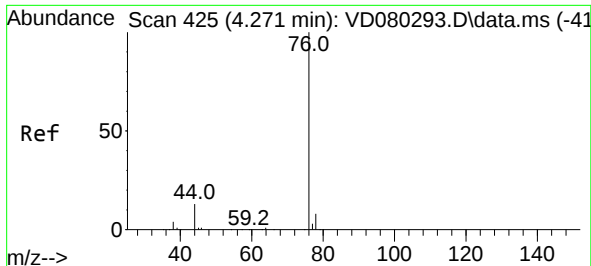
Tgt Ion: 43 Resp: 58297

Ion Ratio Lower Upper

43 100

58 30.3 25.4 38.2

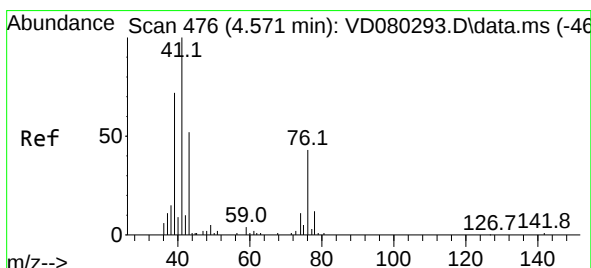
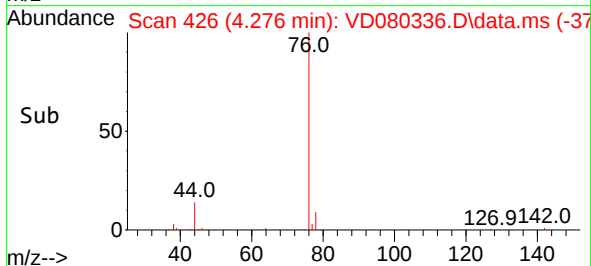
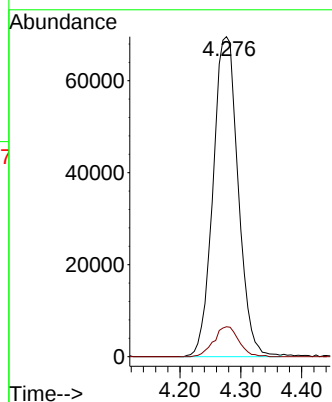
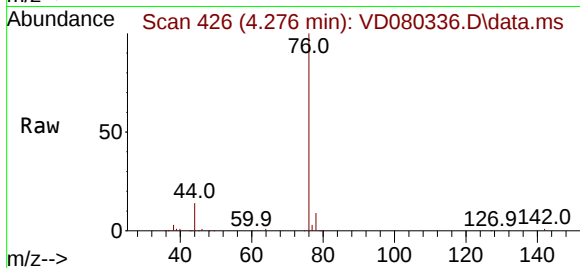




#17
Carbon Disulfide
Concen: 44.722 ug/l
RT: 4.276 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD080336.D
Acq: 14 May 2025 21:58

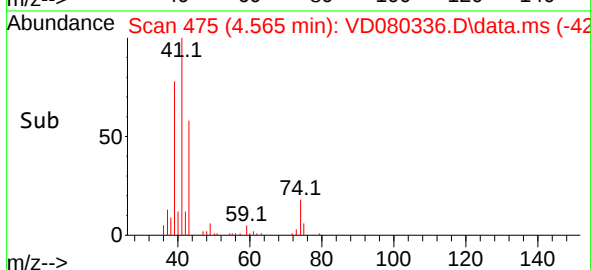
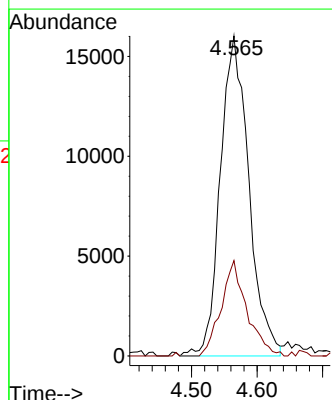
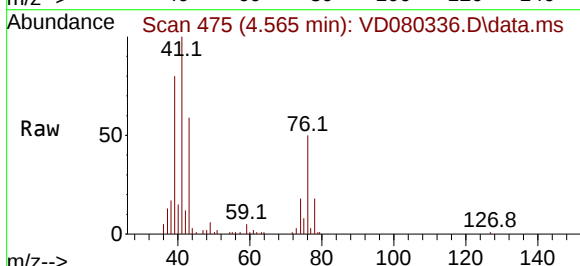
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

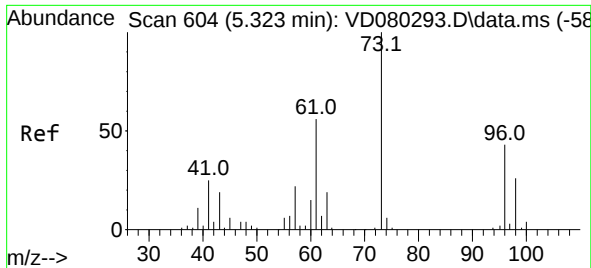
Tgt Ion: 76 Resp: 199238
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3



#18
Methyl Acetate
Concen: 54.582 ug/l
RT: 4.565 min Scan# 475
Delta R.T. 0.001 min
Lab File: VD080336.D
Acq: 14 May 2025 21:58

Tgt Ion: 43 Resp: 48392
Ion Ratio Lower Upper
43 100
74 26.9 20.5 30.7

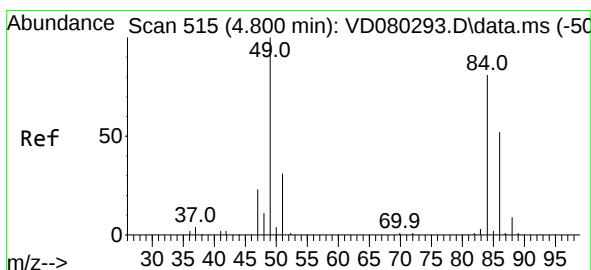
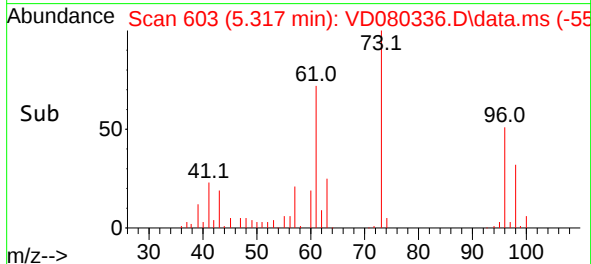
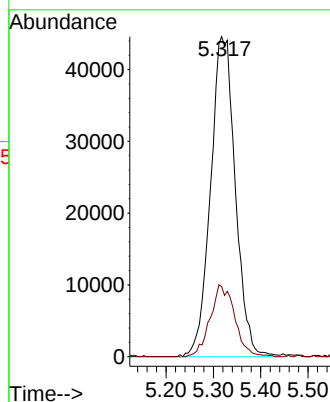
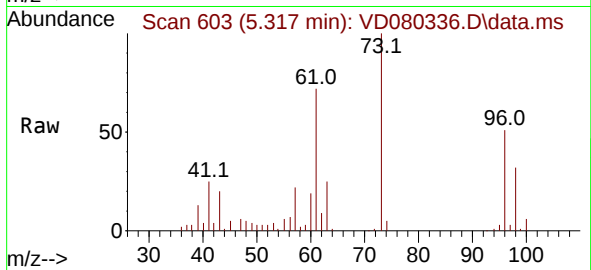




#19
Methyl tert-butyl Ether
Concen: 57.488 ug/l
RT: 5.317 min Scan# 604
Delta R.T. -0.005 min
Lab File: VD080336.D
Acq: 14 May 2025 21:58

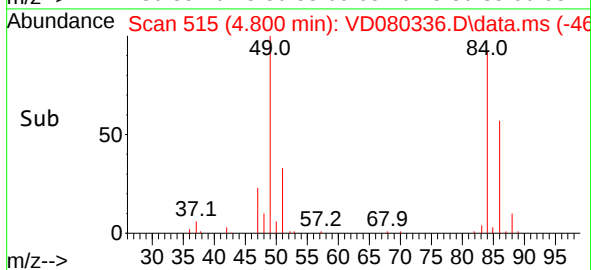
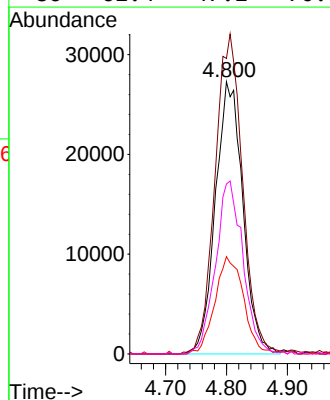
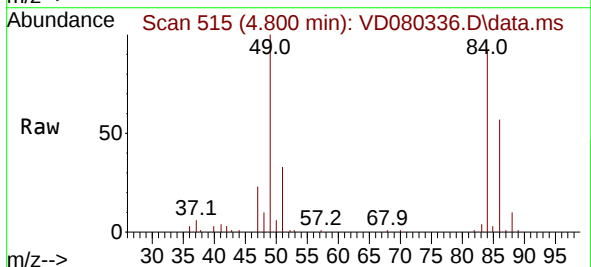
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

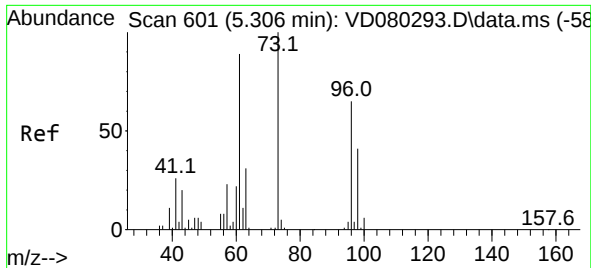
Tgt Ion: 73 Resp: 162026
Ion Ratio Lower Upper
73 100
57 21.9 18.8 28.2



#20
Methylene Chloride
Concen: 59.014 ug/l
RT: 4.800 min Scan# 515
Delta R.T. -0.005 min
Lab File: VD080336.D
Acq: 14 May 2025 21:58

Tgt Ion: 84 Resp: 85344
Ion Ratio Lower Upper
84 100
49 108.6 86.5 129.7
51 35.7 26.9 40.3
86 62.4 47.2 70.8

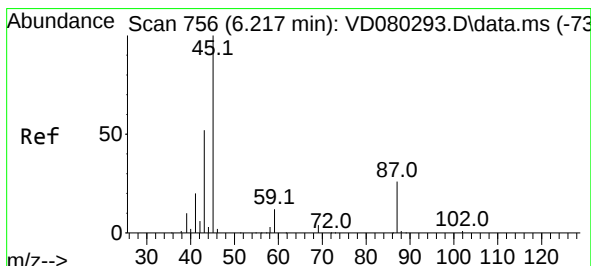
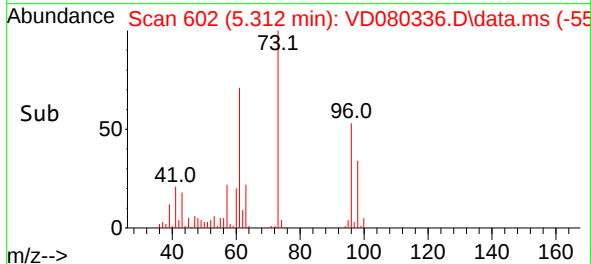
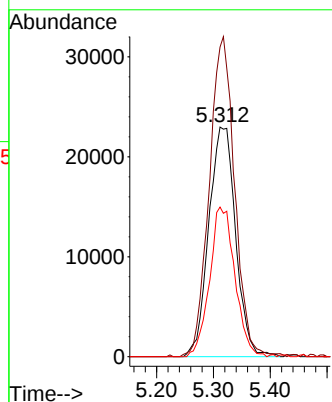
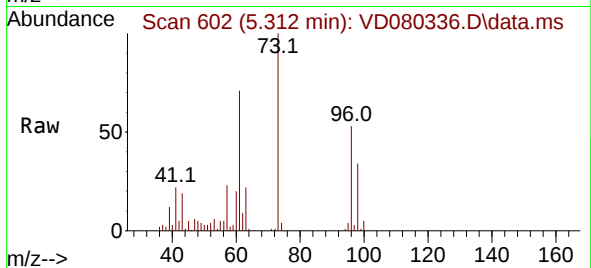




#21
trans-1,2-Dichloroethene
Concen: 54.075 ug/l
RT: 5.312 min Scan# 601
Delta R.T. 0.001 min
Lab File: VD080336.D
Acq: 14 May 2025 21:58

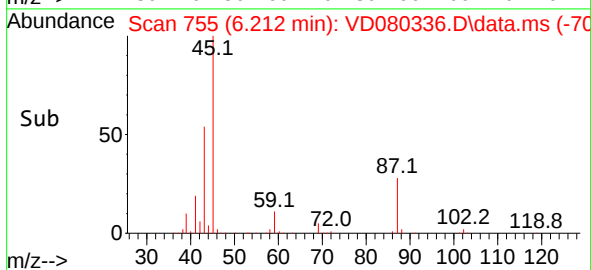
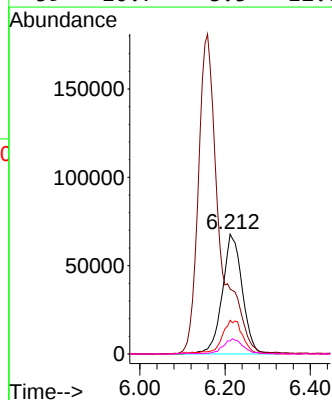
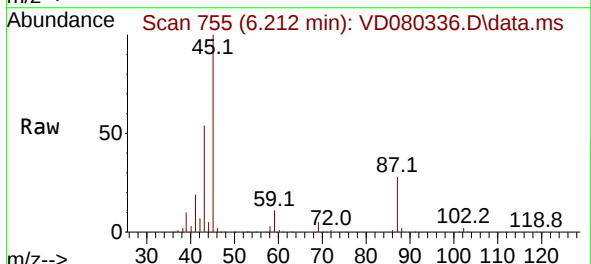
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

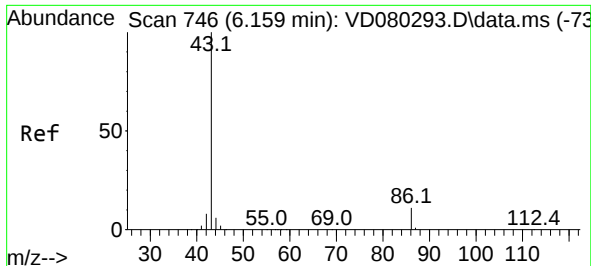
Tgt Ion: 96 Resp: 75366
Ion Ratio Lower Upper
96 100
61 134.1 109.4 164.0
98 65.2 49.8 74.8



#22
Diisopropyl ether
Concen: 53.176 ug/l
RT: 6.212 min Scan# 755
Delta R.T. -0.004 min
Lab File: VD080336.D
Acq: 14 May 2025 21:58

Tgt Ion: 45 Resp: 221017
Ion Ratio Lower Upper
45 100
43 53.1 42.6 63.8
87 28.1 22.7 34.1
59 10.7 8.5 12.7

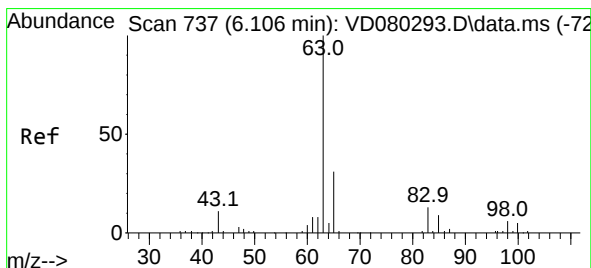
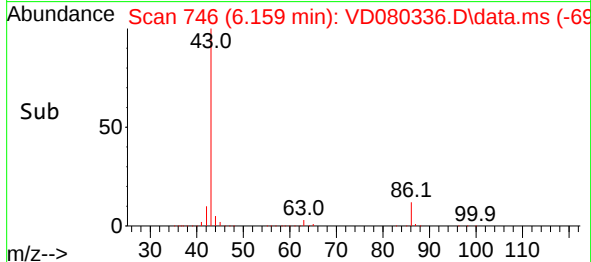
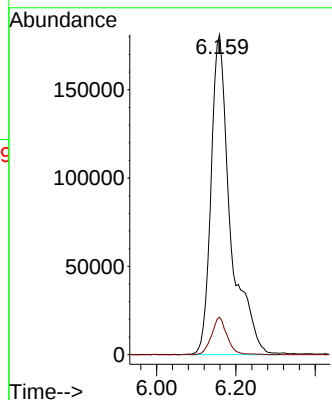
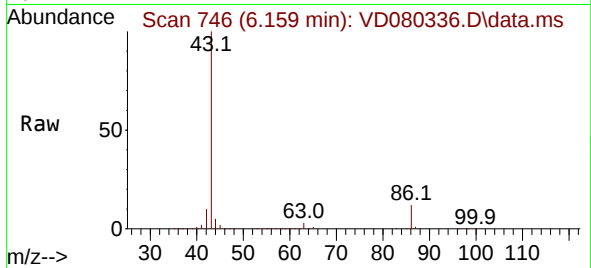




#23
 Vinyl Acetate
 Concen: 254.748 ug/l
 RT: 6.159 min Scan# 746
 Delta R.T. 0.001 min
 Lab File: VD080336.D
 Acq: 14 May 2025 21:58

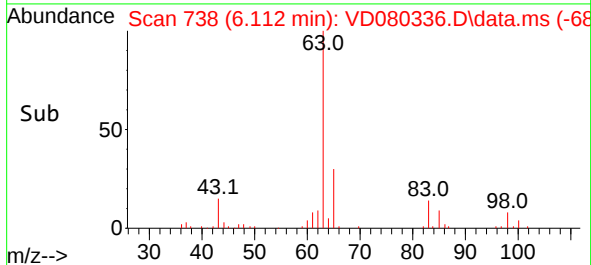
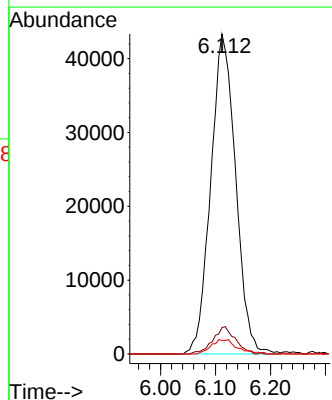
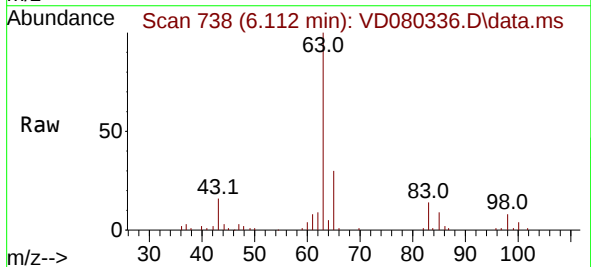
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

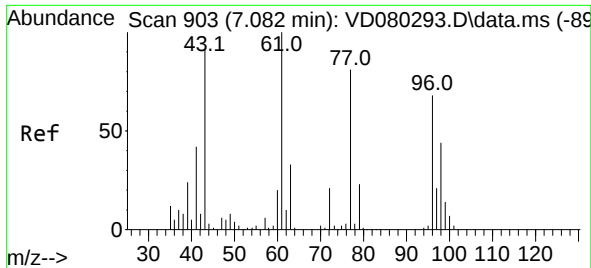
Tgt Ion: 43 Resp: 616680
 Ion Ratio Lower Upper
 43 100
 86 11.7 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 52.146 ug/l
 RT: 6.112 min Scan# 738
 Delta R.T. -0.005 min
 Lab File: VD080336.D
 Acq: 14 May 2025 21:58

Tgt Ion: 63 Resp: 136384
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.5 10.6
 100 4.2 2.1 6.5





#25

2-Butanone

Concen: 249.219 ug/l

RT: 7.082 min Scan# 903

Delta R.T. -0.005 min

Lab File: VD080336.D

Acq: 14 May 2025 21:58

Instrument :

MSVOA_D

ClientSampleId :

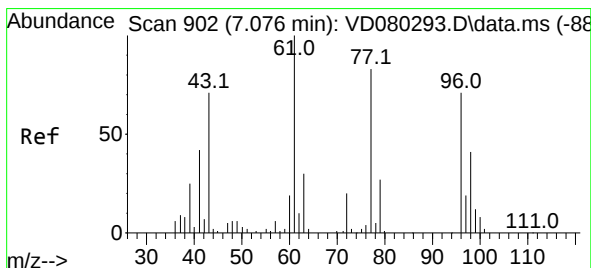
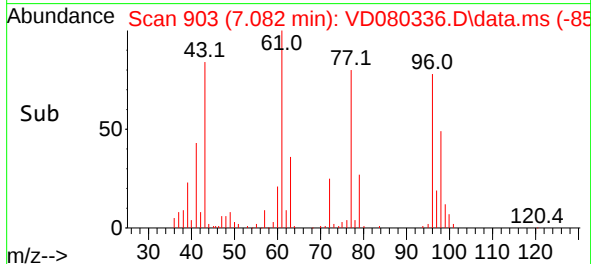
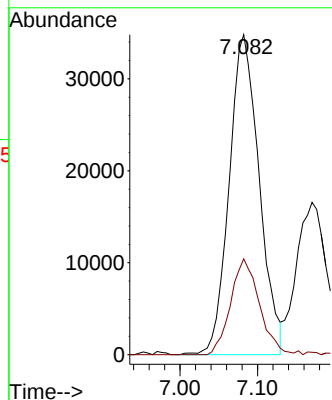
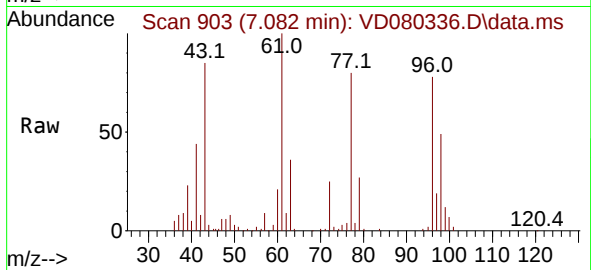
VSTDCCC050EC

Tgt Ion: 43 Resp: 93953

Ion Ratio Lower Upper

43 100

72 30.0 22.3 33.5



#26

2,2-Dichloropropane

Concen: 48.345 ug/l

RT: 7.076 min Scan# 902

Delta R.T. 0.001 min

Lab File: VD080336.D

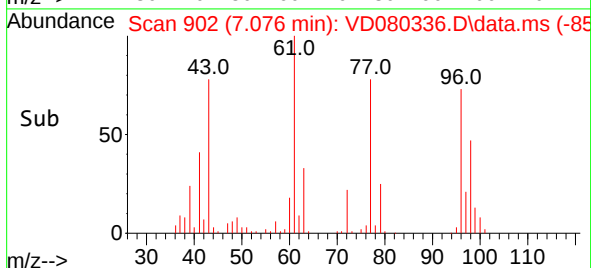
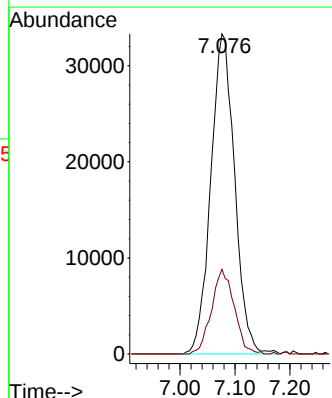
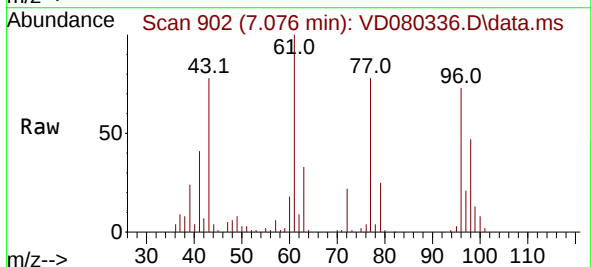
Acq: 14 May 2025 21:58

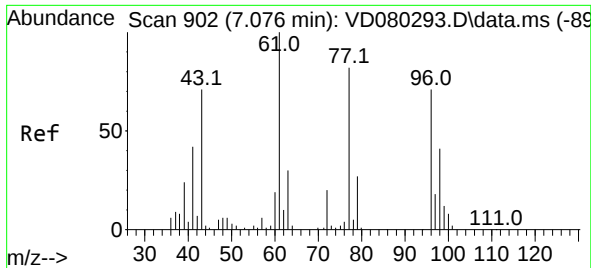
Tgt Ion: 77 Resp: 100613

Ion Ratio Lower Upper

77 100

97 25.1 11.9 35.9

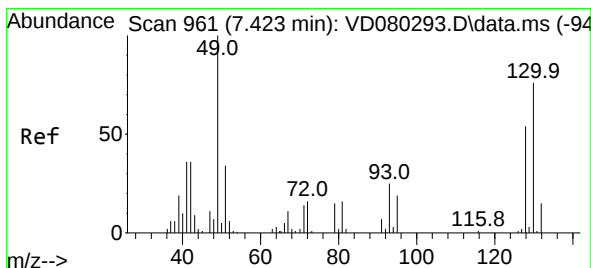
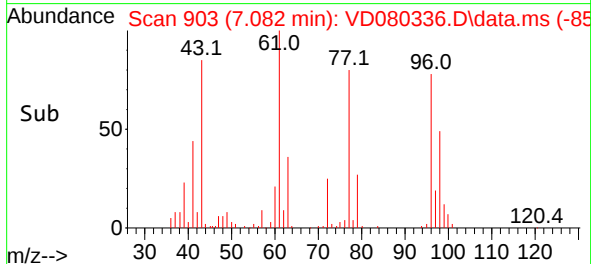
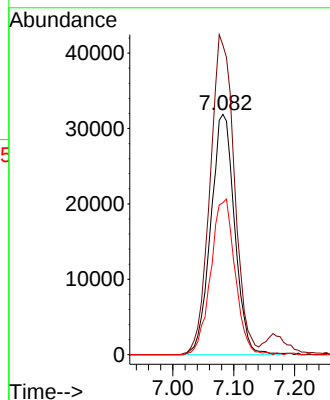
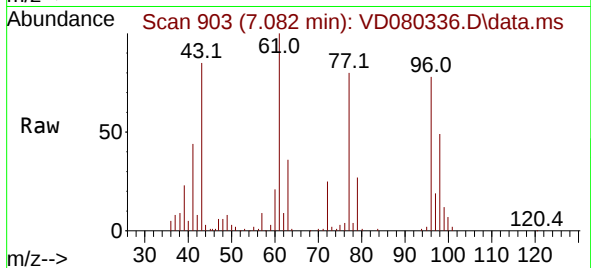




#27
 cis-1,2-Dichloroethene
 Concen: 56.233 ug/l
 RT: 7.082 min Scan# 90
 Delta R.T. 0.001 min
 Lab File: VD080336.D
 Acq: 14 May 2025 21:58

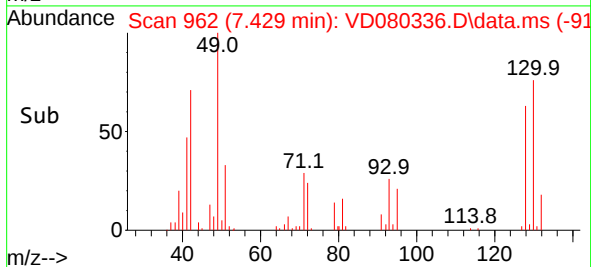
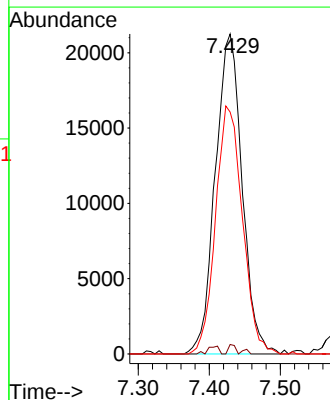
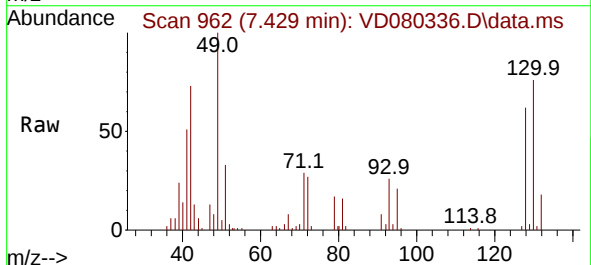
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

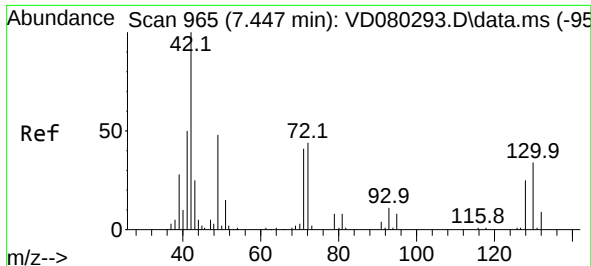
Tgt Ion: 96 Resp: 86832
 Ion Ratio Lower Upper
 96 100
 61 135.6 0.0 278.2
 98 65.8 0.0 127.8



#28
 Bromochloromethane
 Concen: 45.700 ug/l
 RT: 7.429 min Scan# 962
 Delta R.T. 0.001 min
 Lab File: VD080336.D
 Acq: 14 May 2025 21:58

Tgt Ion: 49 Resp: 55652
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 2.2
 130 77.8 64.6 97.0





#29

Tetrahydrofuran

Concen: 270.647 ug/l

RT: 7.441 min Scan# 90

Delta R.T. -0.005 min

Lab File: VD080336.D

Acq: 14 May 2025 21:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

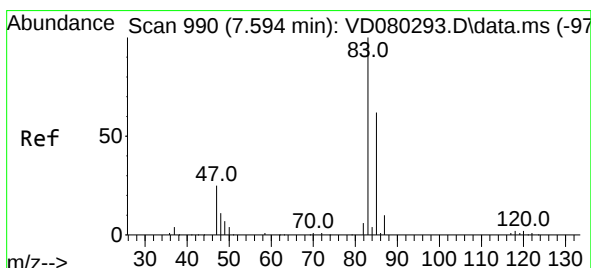
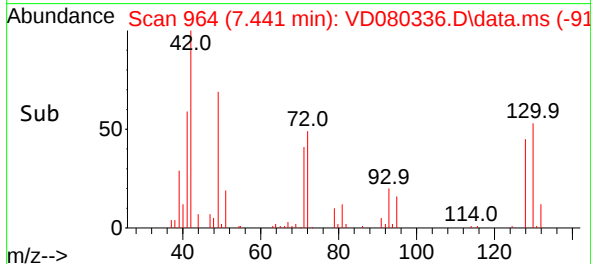
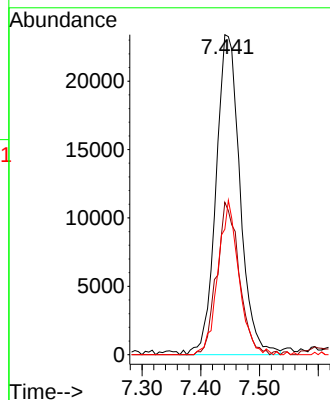
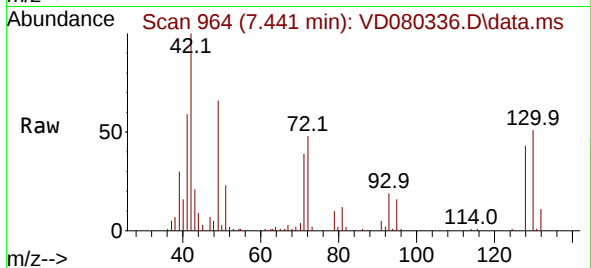
Tgt Ion: 42 Resp: 66526

Ion Ratio Lower Upper

42 100

72 44.3 36.7 55.1

71 41.9 34.4 51.6



#30

Chloroform

Concen: 56.024 ug/l

RT: 7.600 min Scan# 991

Delta R.T. 0.001 min

Lab File: VD080336.D

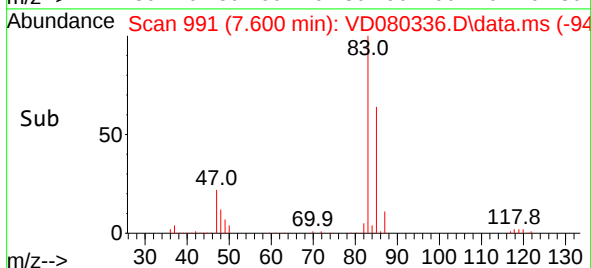
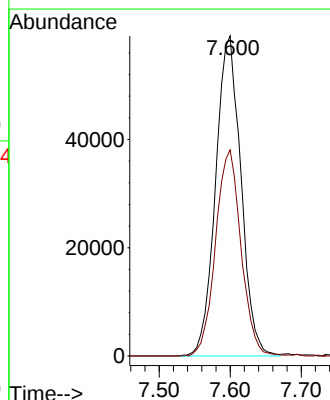
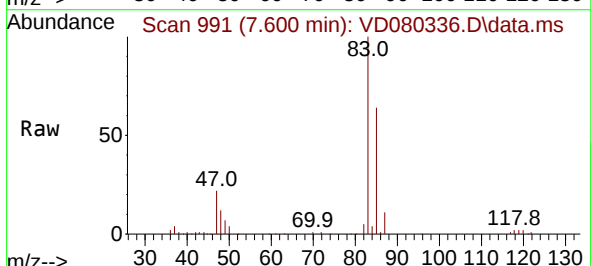
Acq: 14 May 2025 21:58

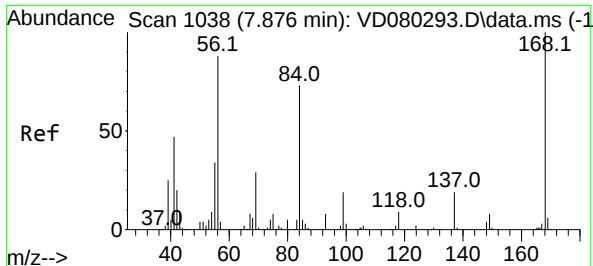
Tgt Ion: 83 Resp: 146121

Ion Ratio Lower Upper

83 100

85 64.4 50.8 76.2





#31

Cyclohexane

Concen: 45.155 ug/l

RT: 7.882 min Scan# 1039

Delta R.T. 0.001 min

Lab File: VD080336.D

Acq: 14 May 2025 21:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

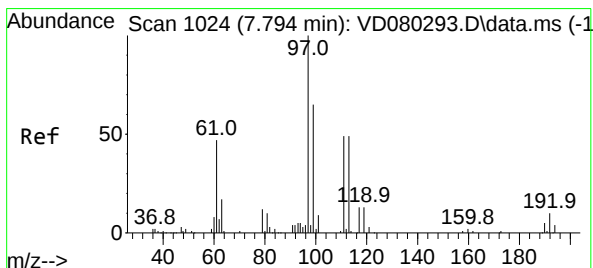
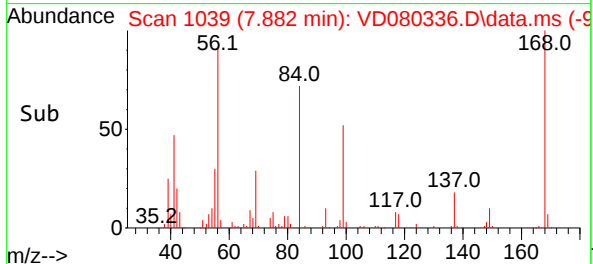
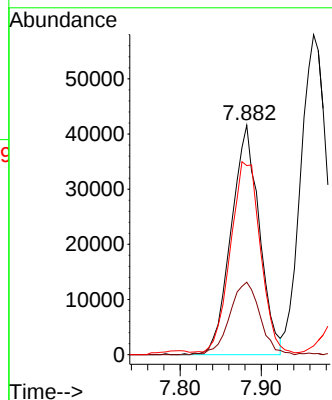
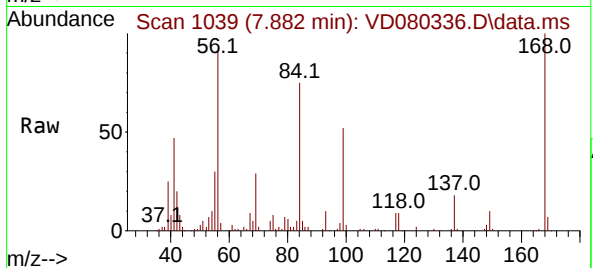
Tgt Ion: 56 Resp: 100514

Ion Ratio Lower Upper

56 100

69 31.6 27.3 40.9

84 80.7 70.2 105.4



#32

1,1,1-Trichloroethane

Concen: 54.636 ug/l

RT: 7.794 min Scan# 1024

Delta R.T. 0.001 min

Lab File: VD080336.D

Acq: 14 May 2025 21:58

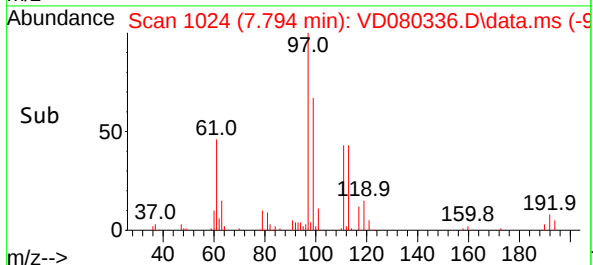
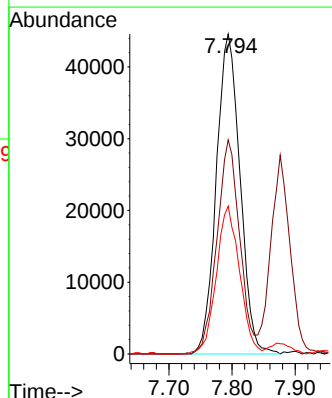
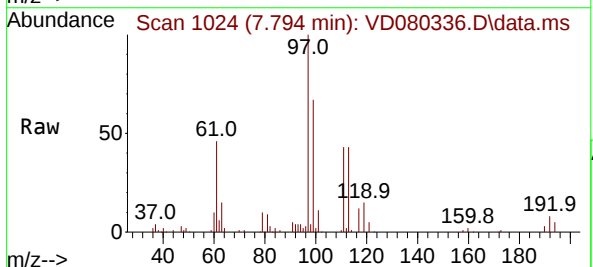
Tgt Ion: 97 Resp: 116261

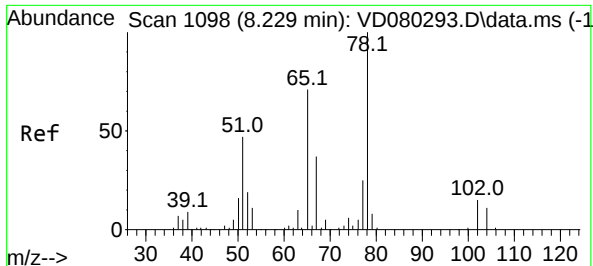
Ion Ratio Lower Upper

97 100

99 63.7 50.7 76.1

61 45.4 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 48.080 ug/l

RT: 8.235 min Scan# 1099

Delta R.T. 0.007 min

Lab File: VD080336.D

Acq: 14 May 2025 21:58

Instrument :

MSVOA_D

ClientSampleId :

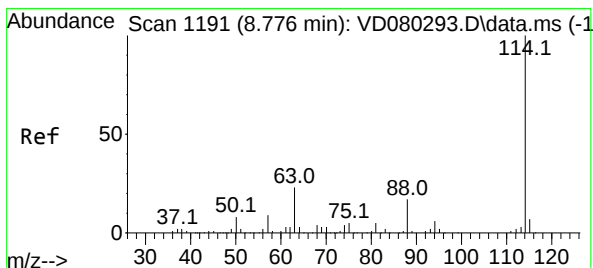
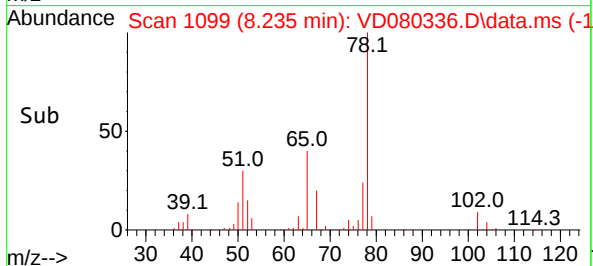
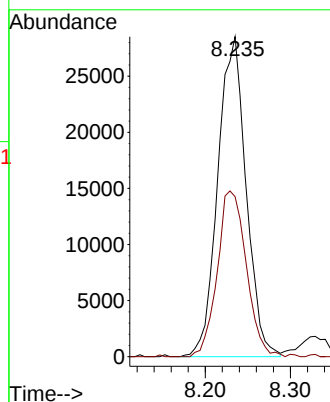
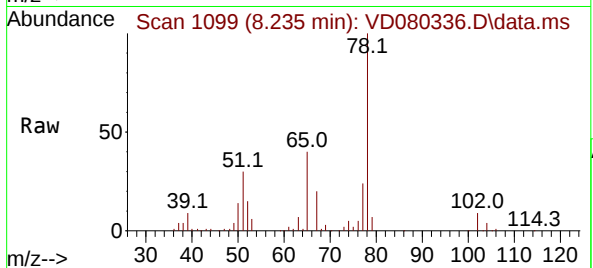
VSTDCCC050EC

Tgt Ion: 65 Resp: 65877

Ion Ratio Lower Upper

65 100

67 53.1 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: VD080336.D

Acq: 14 May 2025 21:58

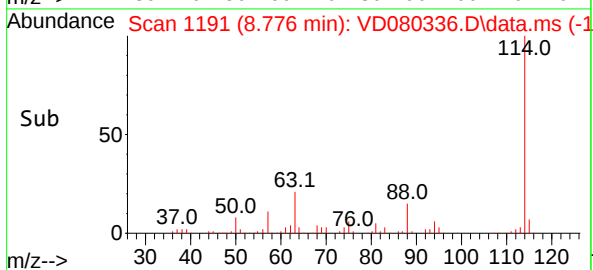
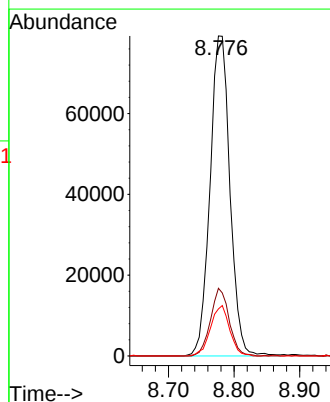
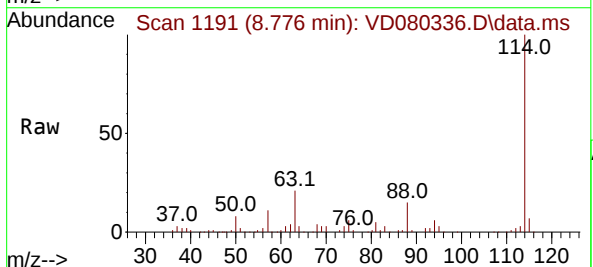
Tgt Ion: 114 Resp: 167283

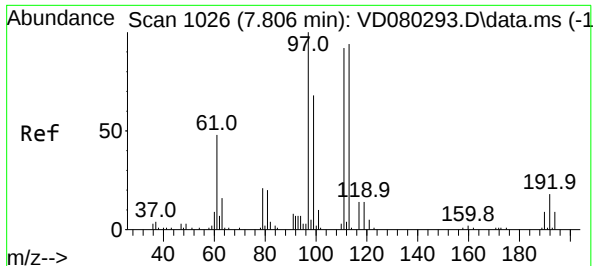
Ion Ratio Lower Upper

114 100

63 21.2 0.0 38.8

88 14.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 56.422 ug/l

RT: 7.806 min Scan# 1026

Delta R.T. 0.001 min

Lab File: VD080336.D

Acq: 14 May 2025 21:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

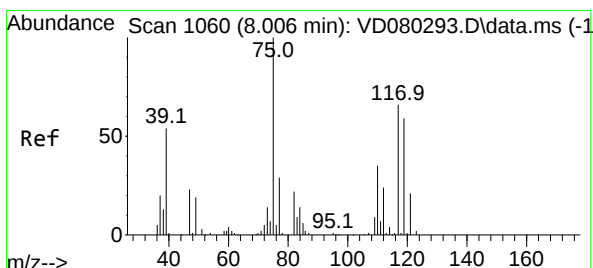
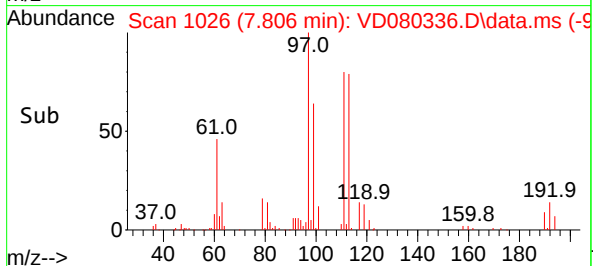
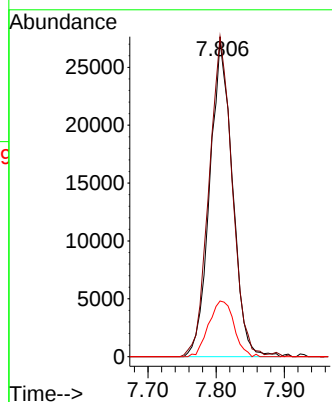
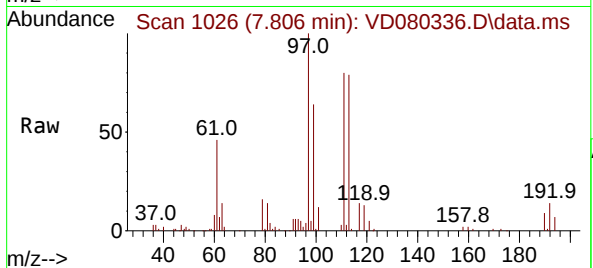
Tgt Ion:113 Resp: 63260

Ion Ratio Lower Upper

113 100

111 103.5 82.5 123.7

192 19.6 16.6 25.0



#36

1,1-Dichloropropene

Concen: 55.810 ug/l

RT: 8.011 min Scan# 1061

Delta R.T. 0.006 min

Lab File: VD080336.D

Acq: 14 May 2025 21:58

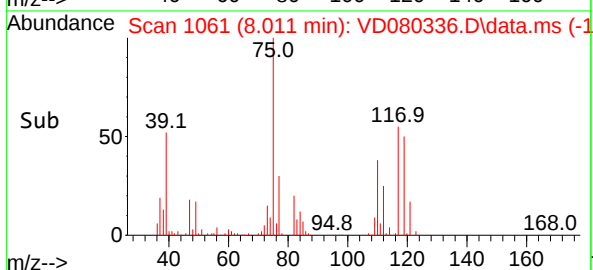
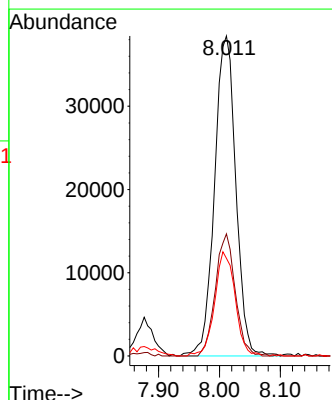
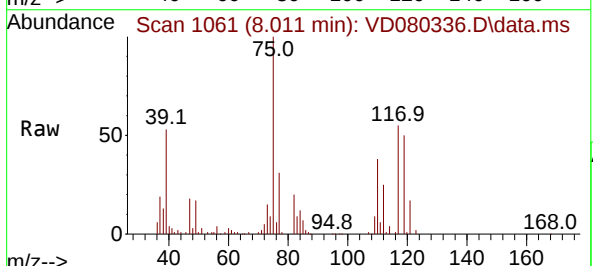
Tgt Ion: 75 Resp: 93518

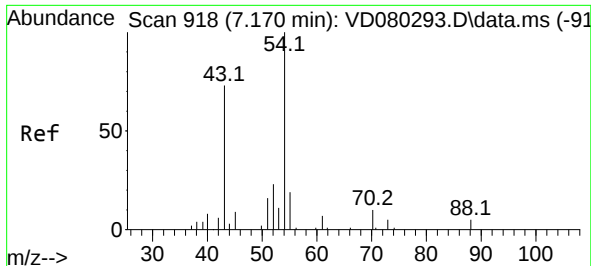
Ion Ratio Lower Upper

75 100

110 35.7 18.4 55.0

77 31.2 25.6 38.4





#37

Ethyl Acetate

Concen: 53.053 ug/l

RT: 7.170 min Scan# 918

Delta R.T. 0.001 min

Lab File: VD080336.D

Acq: 14 May 2025 21:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

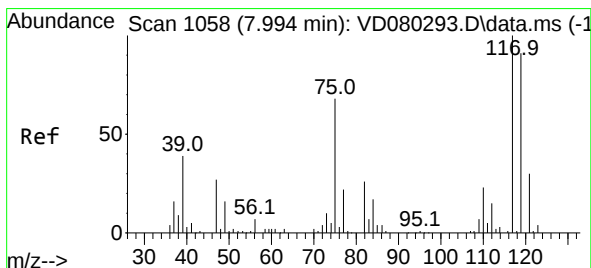
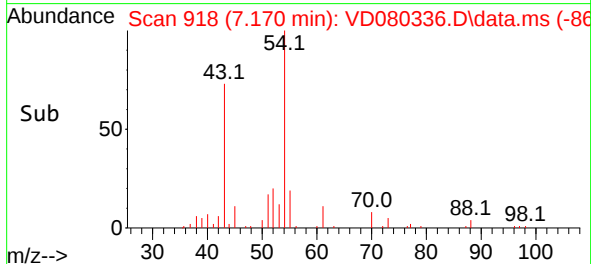
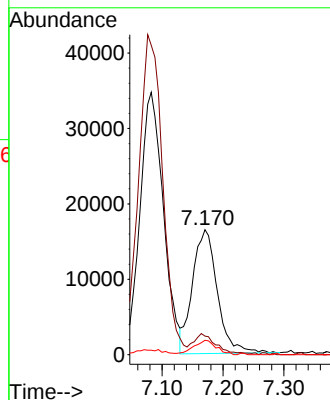
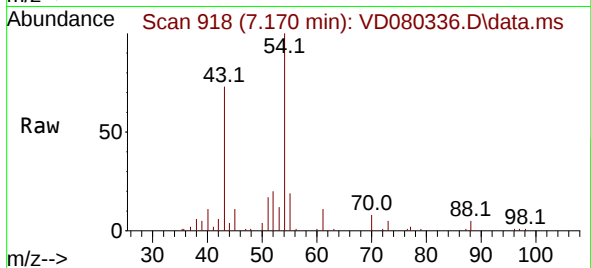
Tgt Ion: 43 Resp: 46486

Ion Ratio Lower Upper

43 100

61 15.8 11.0 16.4

70 10.6 9.4 14.2



#38

Carbon Tetrachloride

Concen: 58.563 ug/l

RT: 7.994 min Scan# 1058

Delta R.T. 0.007 min

Lab File: VD080336.D

Acq: 14 May 2025 21:58

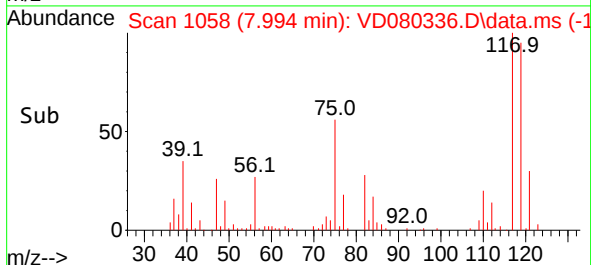
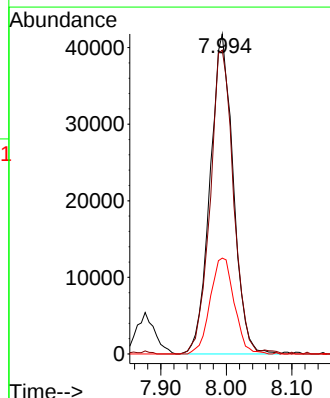
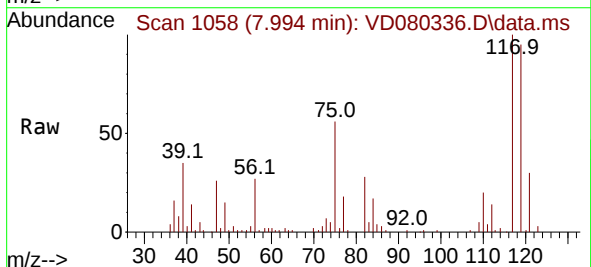
Tgt Ion: 117 Resp: 102341

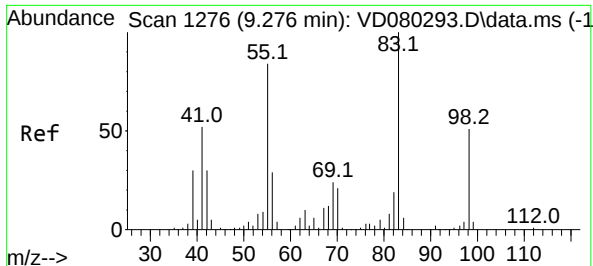
Ion Ratio Lower Upper

117 100

119 95.0 73.4 110.0

121 29.9 24.5 36.7





#39

Methylcyclohexane

Concen: 53.815 ug/l

RT: 9.276 min Scan# 1102

Delta R.T. 0.001 min

Lab File: VD080336.D

Acq: 14 May 2025 21:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

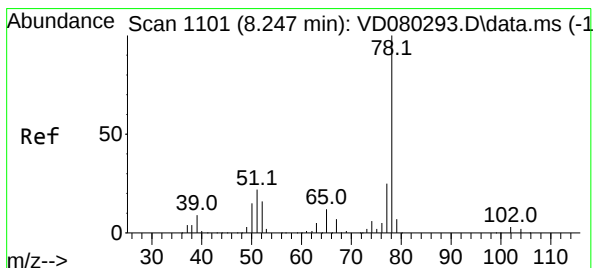
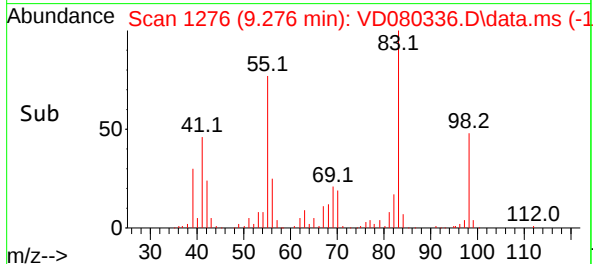
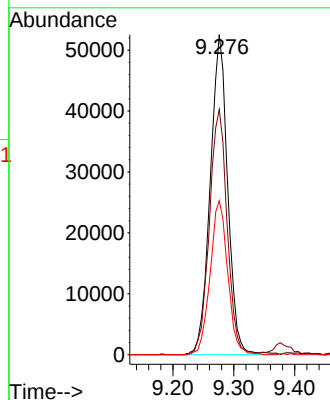
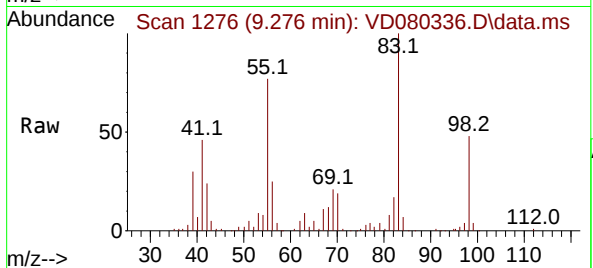
Tgt Ion: 83 Resp: 104639

Ion Ratio Lower Upper

83 100

55 76.6 62.0 93.0

98 48.1 38.7 58.1



#40

Benzene

Concen: 57.298 ug/l

RT: 8.253 min Scan# 1102

Delta R.T. 0.001 min

Lab File: VD080336.D

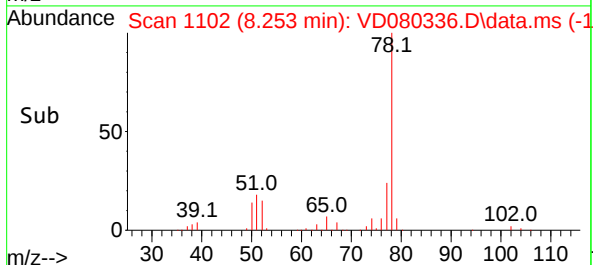
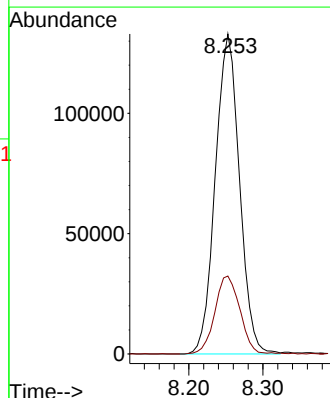
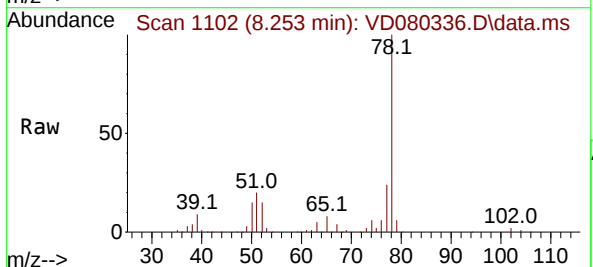
Acq: 14 May 2025 21:58

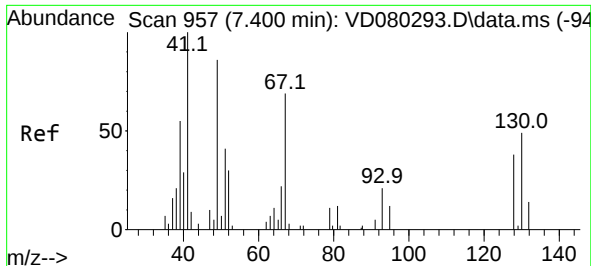
Tgt Ion: 78 Resp: 300835

Ion Ratio Lower Upper

78 100

77 24.3 20.2 30.4

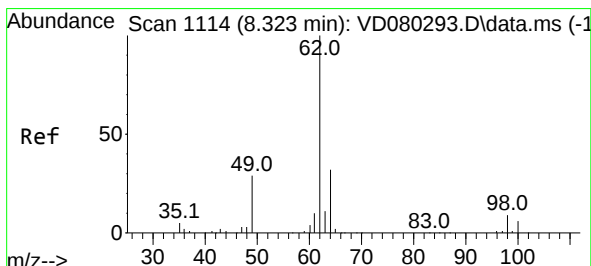
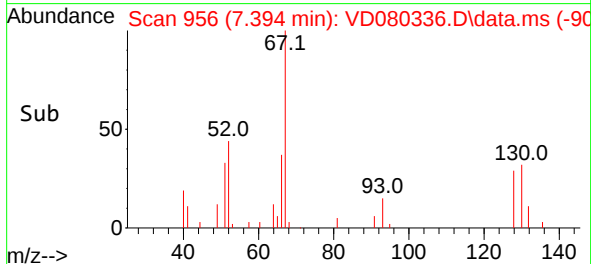
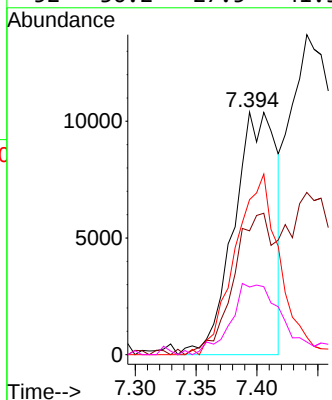
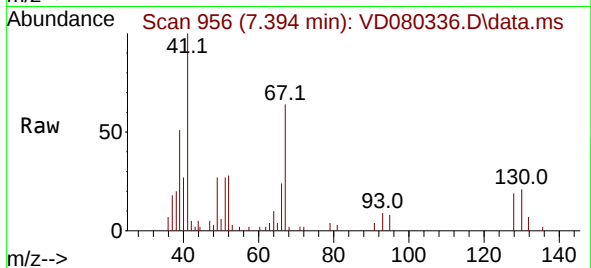




#41
Methacrylonitrile
Concen: 52.275 ug/l
RT: 7.394 min Scan# 91
Delta R.T. -0.005 min
Lab File: VD080336.D
Acq: 14 May 2025 21:58

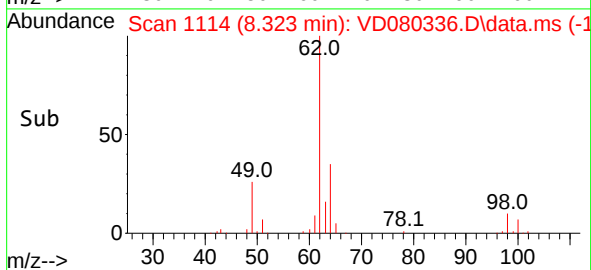
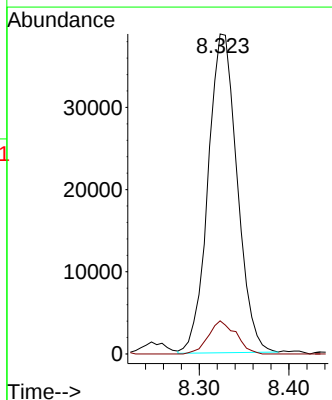
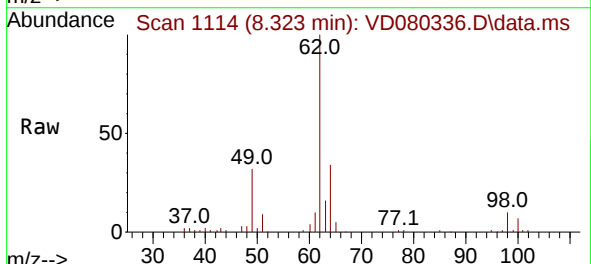
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

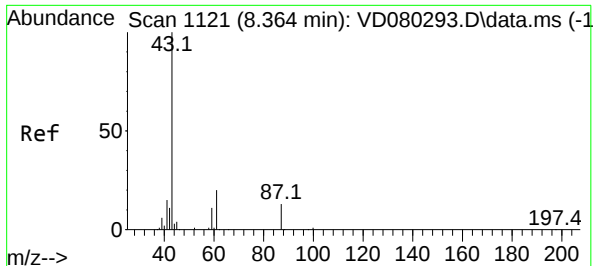
Tgt Ion:	41	Resp:	25348
Ion	Ratio	Lower	Upper
41	100		
39	57.7	47.8	71.8
67	77.9	64.9	97.3
52	36.2	27.5	41.3



#42
1,2-Dichloroethane
Concen: 57.466 ug/l
RT: 8.323 min Scan# 1114
Delta R.T. -0.005 min
Lab File: VD080336.D
Acq: 14 May 2025 21:58

Tgt Ion:	62	Resp:	87429
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.8





#43

Isopropyl Acetate

Concen: 54.497 ug/l

RT: 8.359 min Scan# 1121

Delta R.T. 0.001 min

Lab File: VD080336.D

Acq: 14 May 2025 21:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

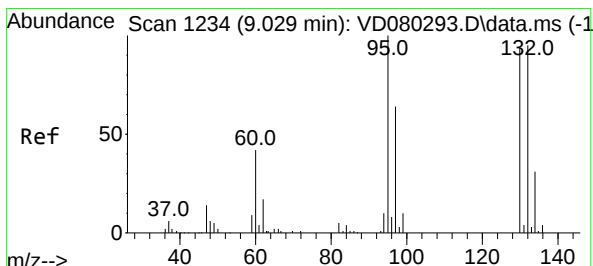
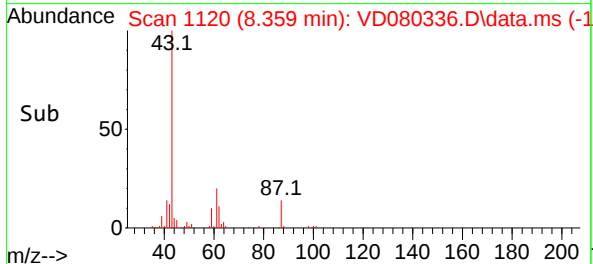
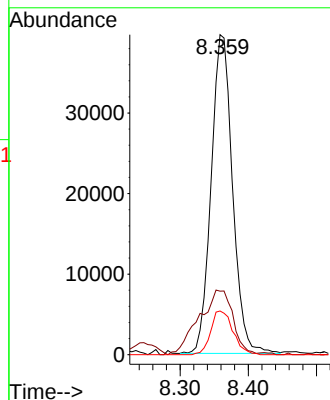
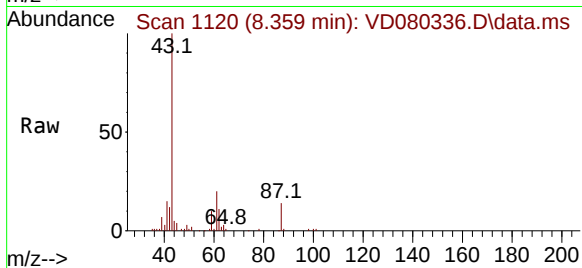
Tgt Ion: 43 Resp: 86590

Ion Ratio Lower Upper

43 100

61 31.9 26.2 39.2

87 14.2 11.8 17.8



#44

Trichloroethene

Concen: 57.500 ug/l

RT: 9.029 min Scan# 1234

Delta R.T. 0.001 min

Lab File: VD080336.D

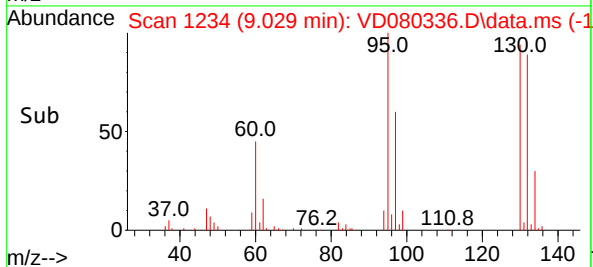
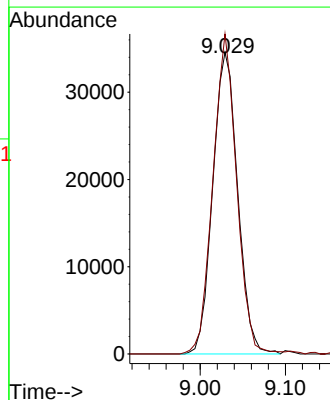
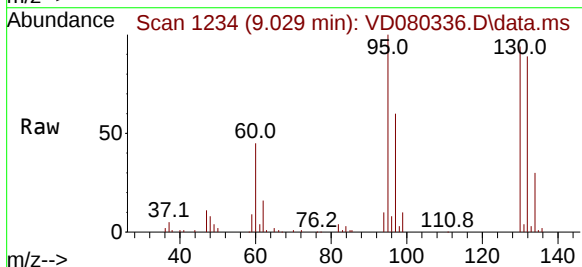
Acq: 14 May 2025 21:58

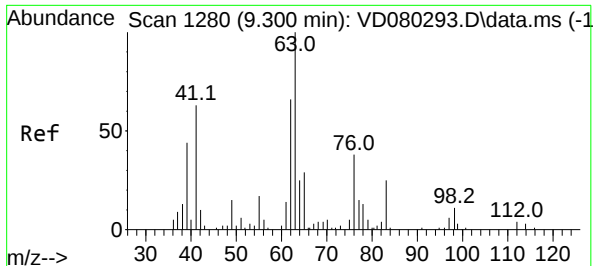
Tgt Ion:130 Resp: 70079

Ion Ratio Lower Upper

130 100

95 106.1 0.0 194.6





#45

1,2-Dichloropropane

Concen: 57.938 ug/l

RT: 9.306 min Scan# 1280

Delta R.T. 0.001 min

Lab File: VD080336.D

Acq: 14 May 2025 21:58

Instrument :

MSVOA_D

ClientSampleId :

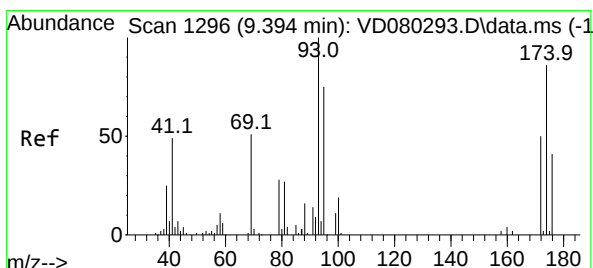
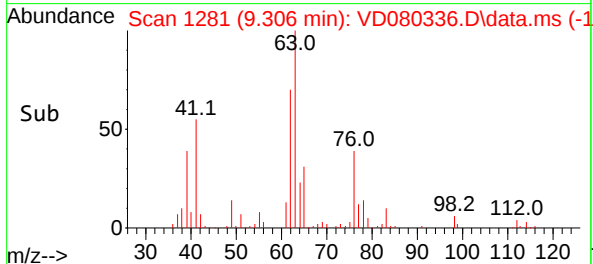
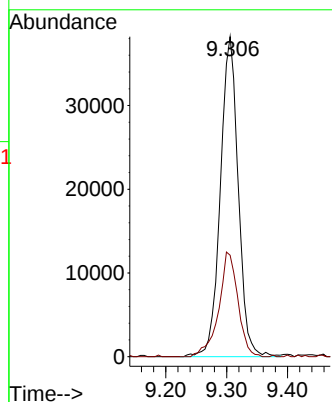
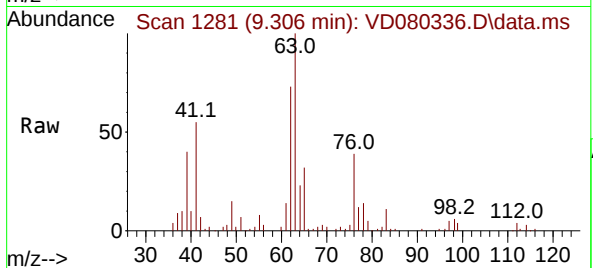
VSTDCCC050EC

Tgt Ion: 63 Resp: 78016

Ion Ratio Lower Upper

63 100

65 31.7 26.2 39.4



#46

Dibromomethane

Concen: 63.469 ug/l

RT: 9.394 min Scan# 1296

Delta R.T. 0.001 min

Lab File: VD080336.D

Acq: 14 May 2025 21:58

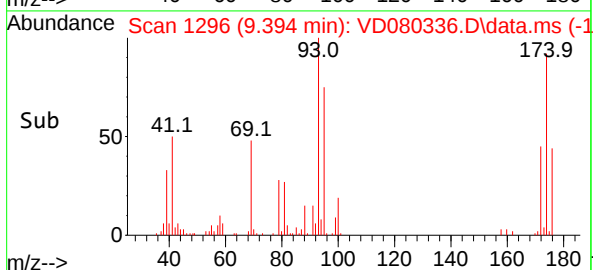
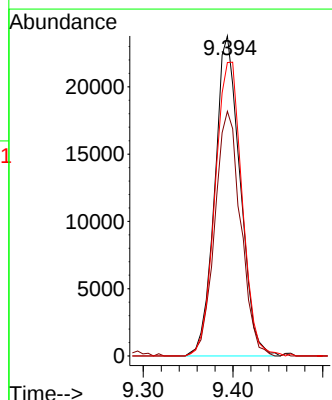
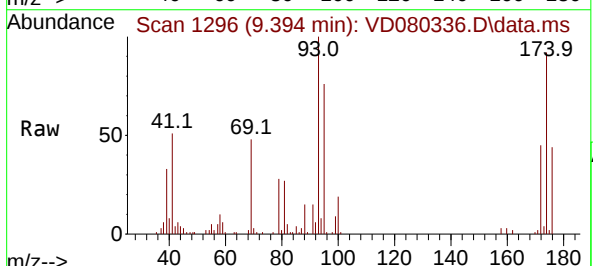
Tgt Ion: 93 Resp: 46531

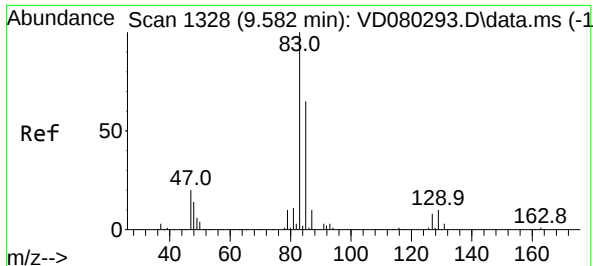
Ion Ratio Lower Upper

93 100

95 78.3 67.9 101.9

174 98.2 80.5 120.7





#47

Bromodichloromethane

Concen: 60.183 ug/l

RT: 9.582 min Scan# 11

Delta R.T. -0.005 min

Lab File: VD080336.D

Acq: 14 May 2025 21:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

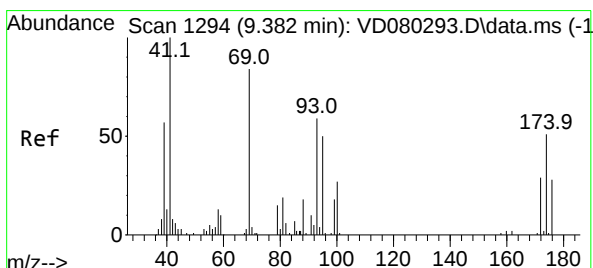
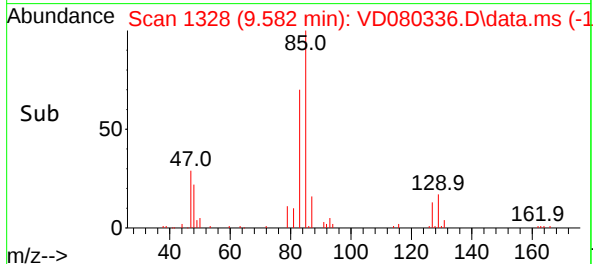
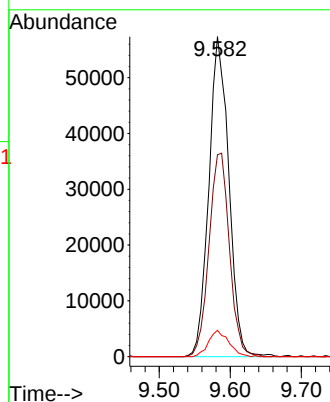
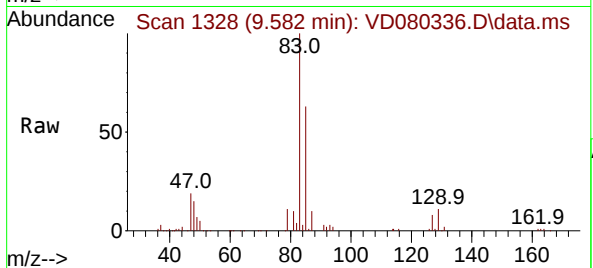
Tgt Ion: 83 Resp: 111990

Ion Ratio Lower Upper

83 100

85 63.1 50.6 75.8

127 8.2 6.1 9.1



#48

Methyl methacrylate

Concen: 57.972 ug/l

RT: 9.382 min Scan# 1294

Delta R.T. 0.001 min

Lab File: VD080336.D

Acq: 14 May 2025 21:58

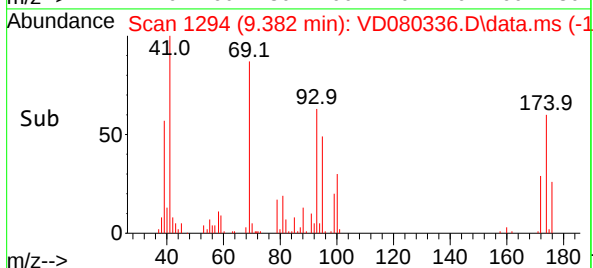
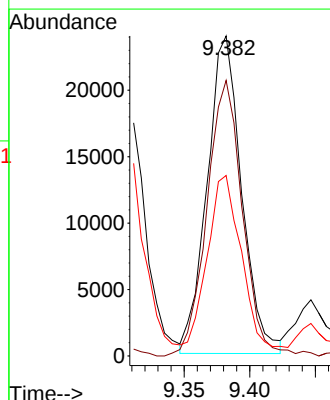
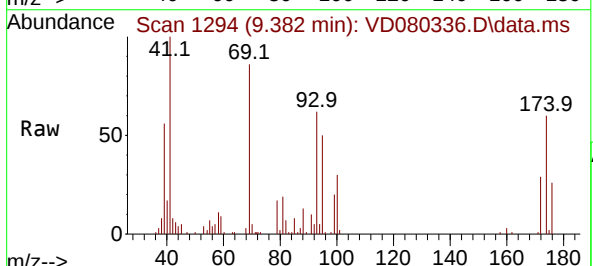
Tgt Ion: 41 Resp: 43766

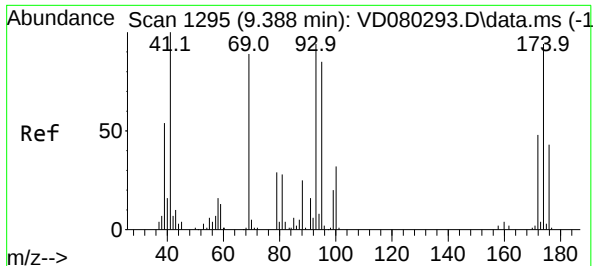
Ion Ratio Lower Upper

41 100

69 89.5 74.0 111.0

39 58.7 41.9 62.9

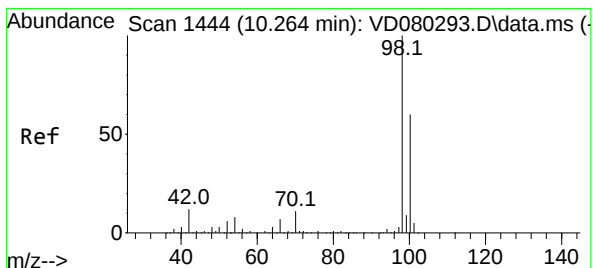
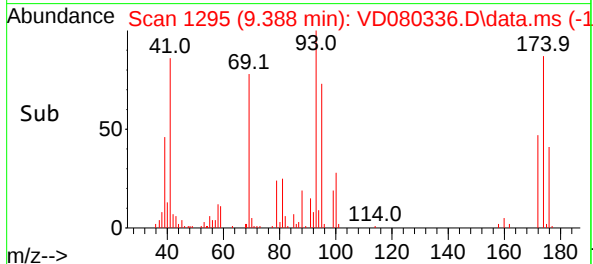
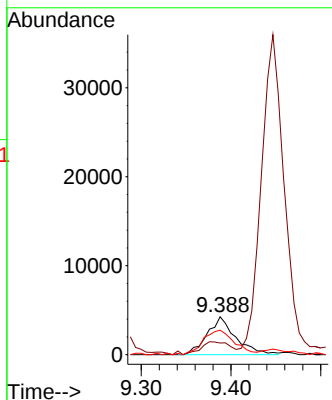
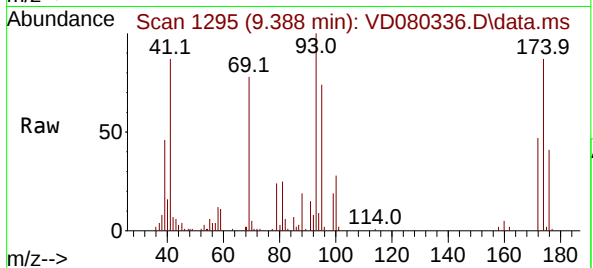




#49
1,4-Dioxane
Concen: 1075.571 ug/l
RT: 9.388 min Scan# 1295
Delta R.T. 0.001 min
Lab File: VD080336.D
Acq: 14 May 2025 21:58

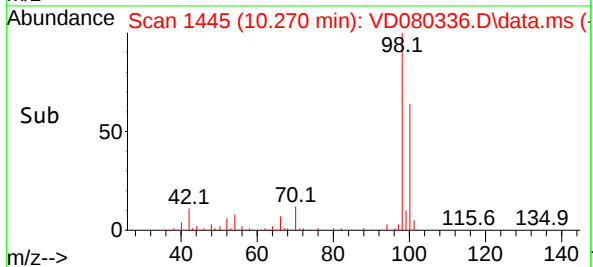
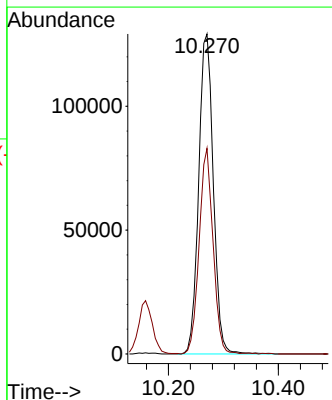
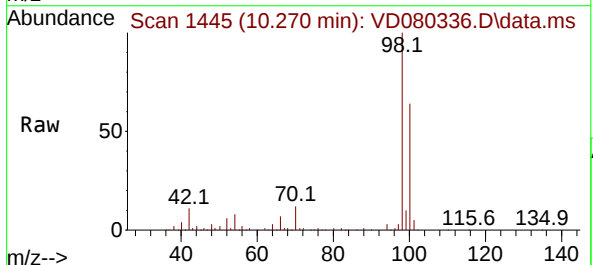
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

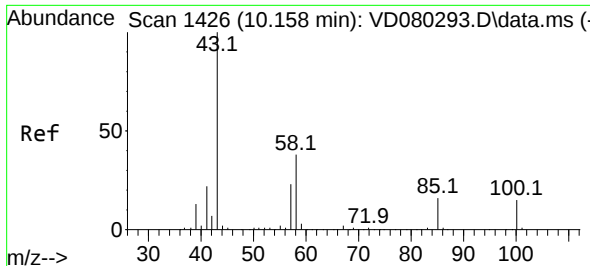
Tgt Ion: 88 Resp: 9375
Ion Ratio Lower Upper
88 100
43 34.6 29.1 43.7
58 71.0 59.9 89.9



#50
Toluene-d8
Concen: 53.956 ug/l
RT: 10.270 min Scan# 1445
Delta R.T. 0.001 min
Lab File: VD080336.D
Acq: 14 May 2025 21:58

Tgt Ion: 98 Resp: 238359
Ion Ratio Lower Upper
98 100
100 61.2 50.2 75.4

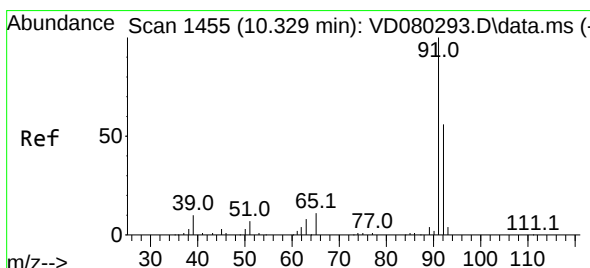
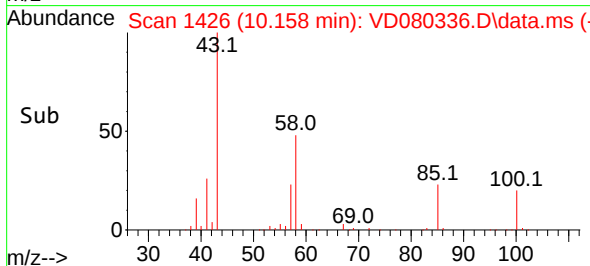
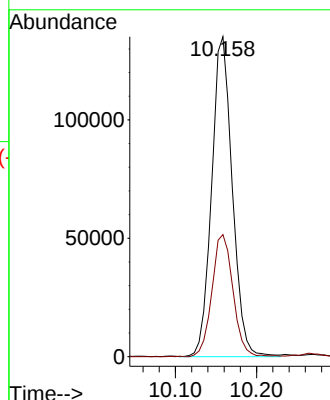
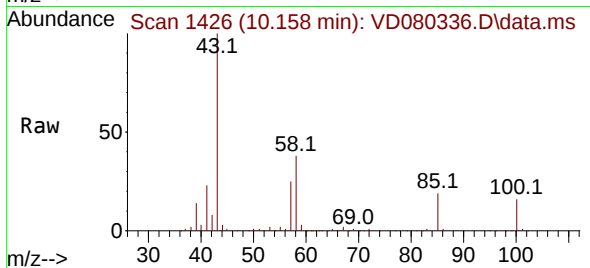




#51
4-Methyl-2-Pentanone
Concen: 291.747 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. 0.001 min
Lab File: VD080336.D
Acq: 14 May 2025 21:58

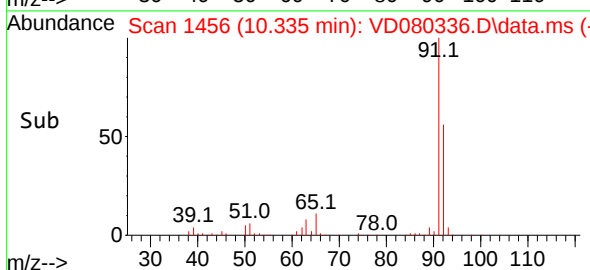
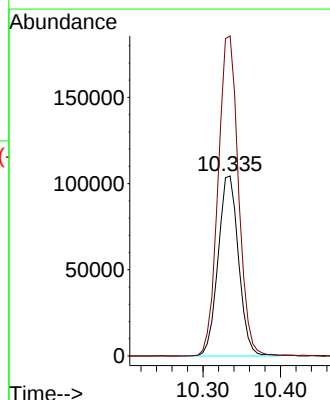
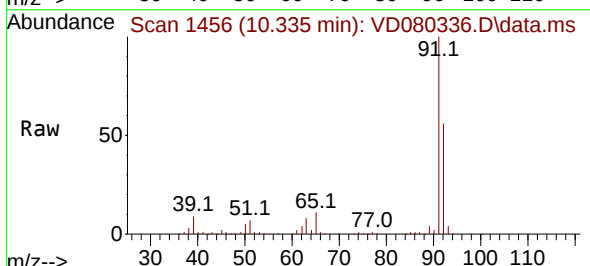
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

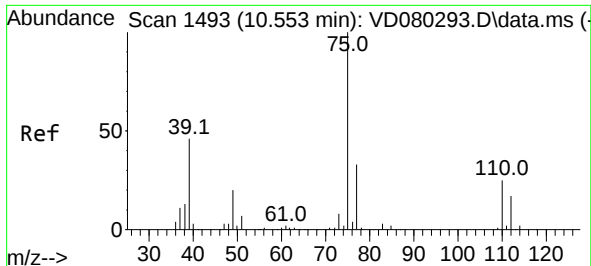
Tgt Ion: 43 Resp: 238845
Ion Ratio Lower Upper
43 100
58 39.0 32.8 49.2



#52
Toluene
Concen: 60.639 ug/l
RT: 10.335 min Scan# 1456
Delta R.T. 0.001 min
Lab File: VD080336.D
Acq: 14 May 2025 21:58

Tgt Ion: 92 Resp: 191806
Ion Ratio Lower Upper
92 100
91 177.5 139.3 208.9

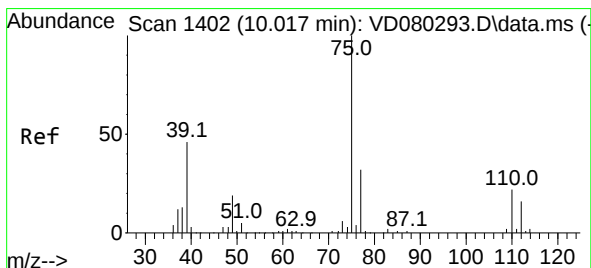
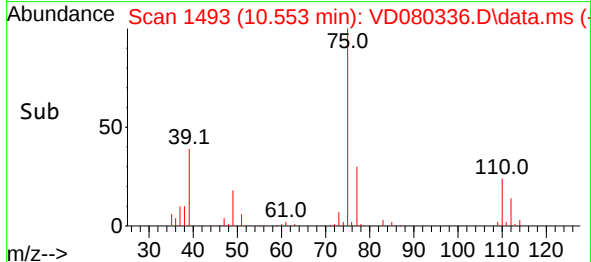
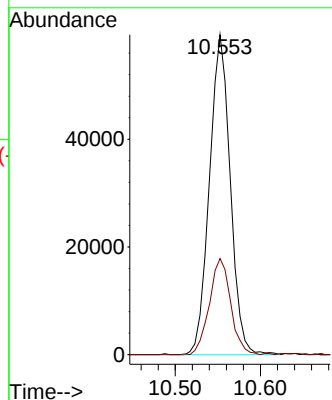
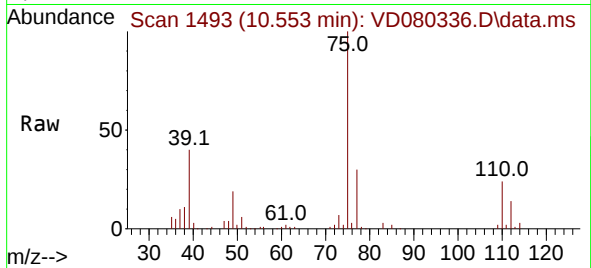




#53
t-1,3-Dichloropropene
Concen: 59.457 ug/l
RT: 10.553 min Scan# 1493
Delta R.T. 0.001 min
Lab File: VD080336.D
Acq: 14 May 2025 21:58

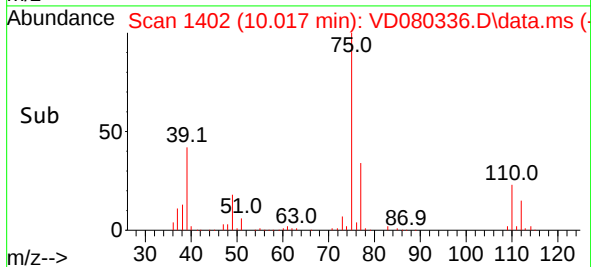
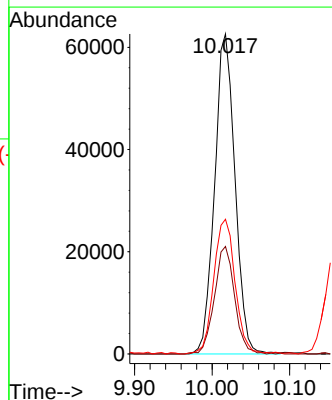
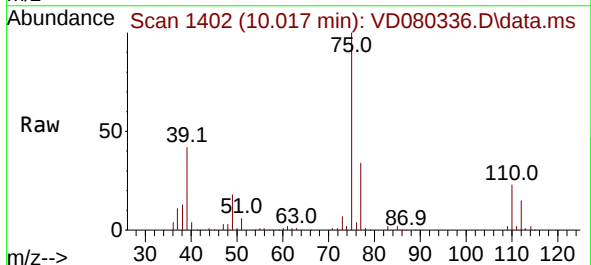
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

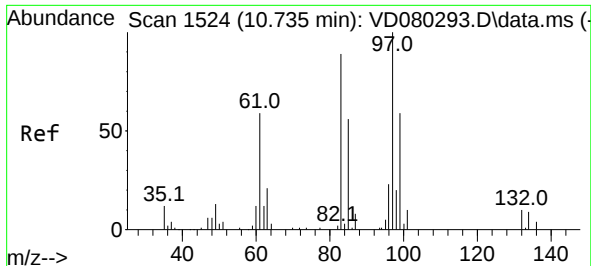
Tgt Ion: 75 Resp: 100862
Ion Ratio Lower Upper
75 100
77 30.0 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 58.197 ug/l
RT: 10.017 min Scan# 1402
Delta R.T. 0.001 min
Lab File: VD080336.D
Acq: 14 May 2025 21:58

Tgt Ion: 75 Resp: 114404
Ion Ratio Lower Upper
75 100
77 33.6 25.0 37.4
39 42.1 33.2 49.8

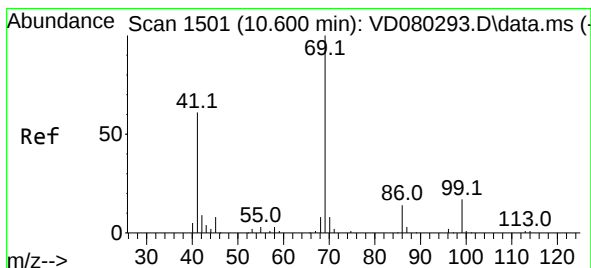
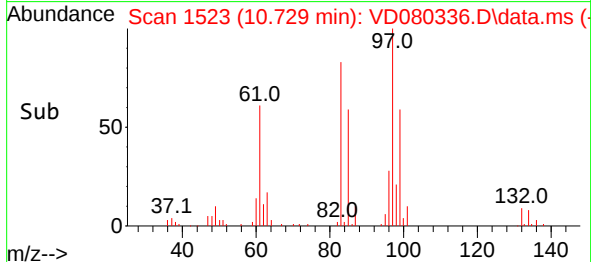
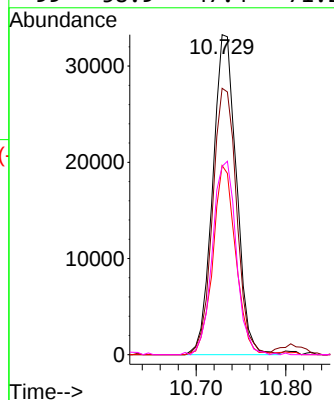
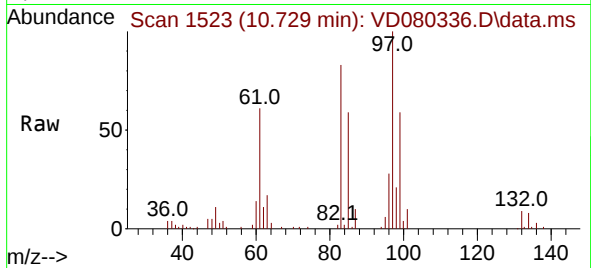




#55
1,1,2-Trichloroethane
Concen: 62.807 ug/l
RT: 10.729 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD080336.D
Acq: 14 May 2025 21:58

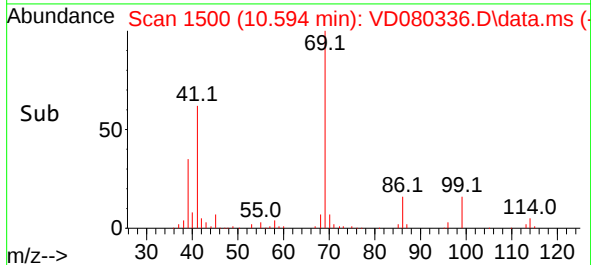
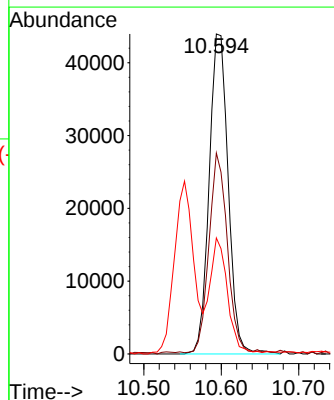
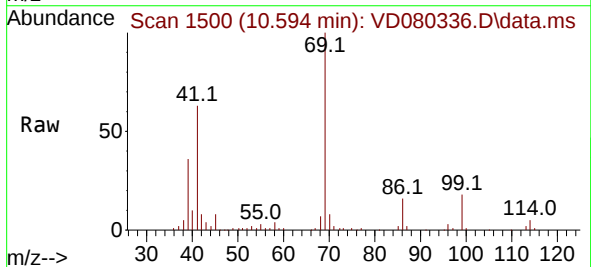
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

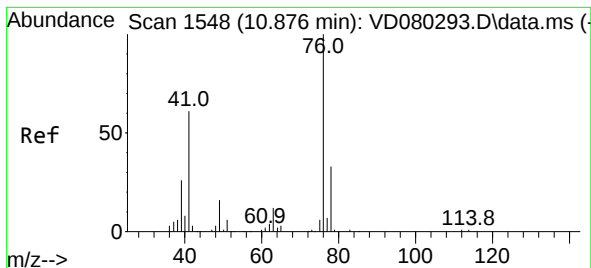
Tgt Ion: 97	Resp: 60908
Ion Ratio	Lower Upper
97 100	
83 83.2	69.2 103.8
85 59.1	43.0 64.6
99 58.9	47.4 71.2



#56
Ethyl methacrylate
Concen: 63.781 ug/l
RT: 10.594 min Scan# 1500
Delta R.T. -0.005 min
Lab File: VD080336.D
Acq: 14 May 2025 21:58

Tgt Ion: 69	Resp: 74949		
Ion Ratio	Lower	Upper	
69 100			
41 60.0	50.4	75.6	
39 32.8	26.0	39.0	

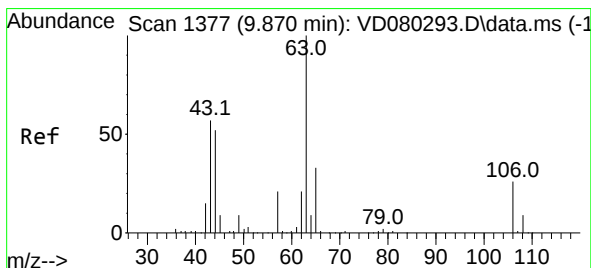
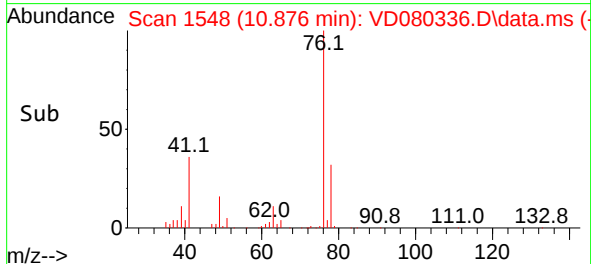
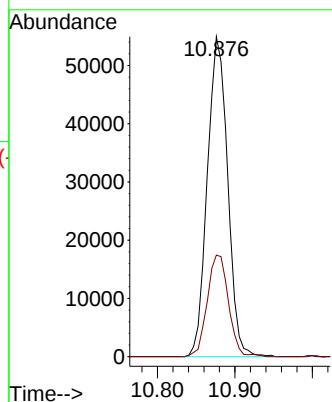
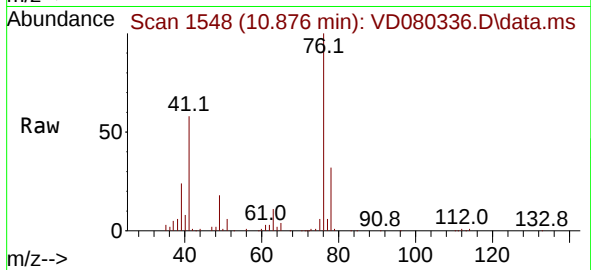




#57
1,3-Dichloropropane
Concen: 62.172 ug/l
RT: 10.876 min Scan# 1548
Delta R.T. -0.005 min
Lab File: VD080336.D
Acq: 14 May 2025 21:58

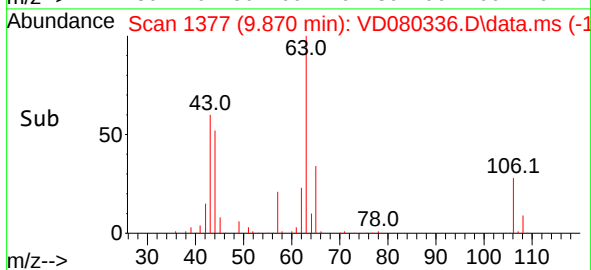
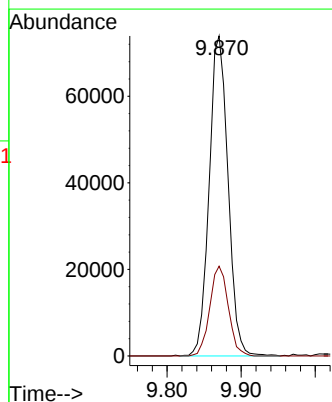
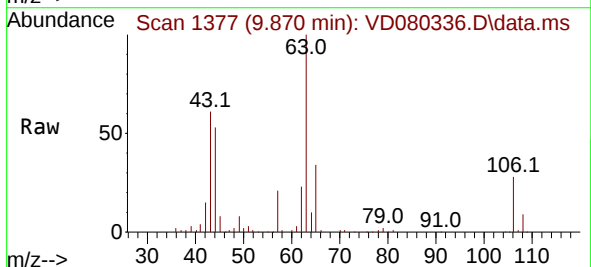
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

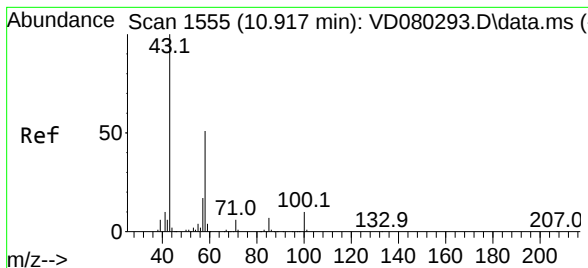
Tgt Ion: 76 Resp: 100204
Ion Ratio Lower Upper
76 100
78 33.0 25.4 38.2



#58
2-Chloroethyl Vinyl ether
Concen: 271.772 ug/l
RT: 9.870 min Scan# 1377
Delta R.T. 0.001 min
Lab File: VD080336.D
Acq: 14 May 2025 21:58

Tgt Ion: 63 Resp: 130696
Ion Ratio Lower Upper
63 100
106 27.6 21.8 32.6

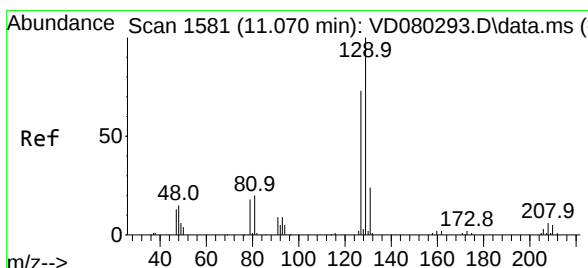
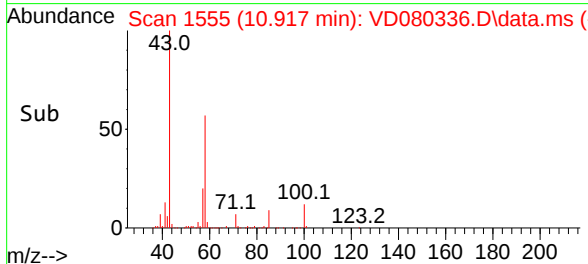
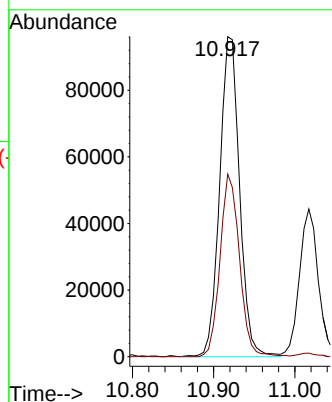
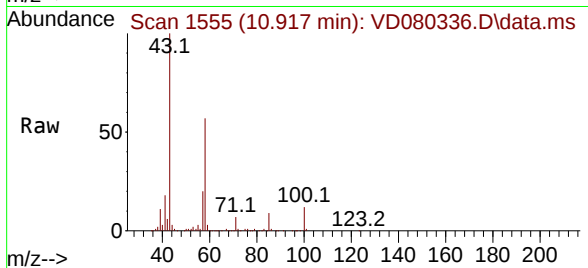




#59
2-Hexanone
Concen: 291.401 ug/l
RT: 10.917 min Scan# 1555
Delta R.T. 0.001 min
Lab File: VD080336.D
Acq: 14 May 2025 21:58

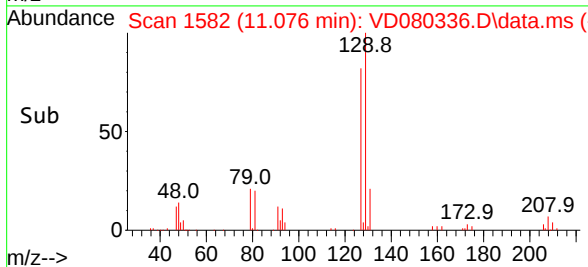
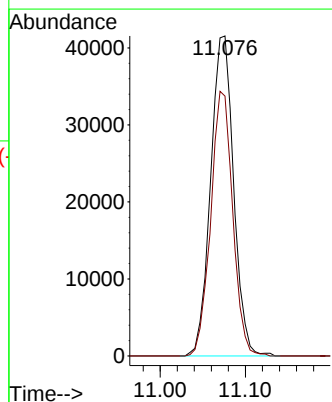
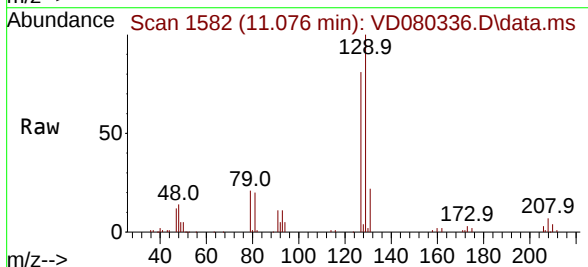
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

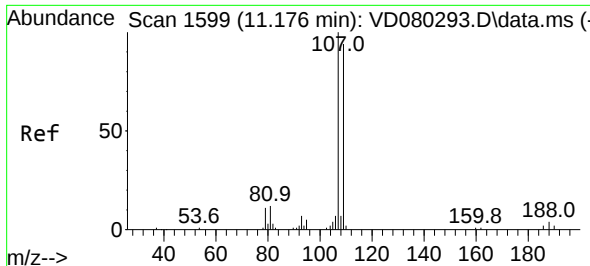
Tgt Ion: 43 Resp: 164107
Ion Ratio Lower Upper
43 100
58 55.6 27.8 83.4



#60
Dibromochloromethane
Concen: 64.067 ug/l
RT: 11.076 min Scan# 1582
Delta R.T. 0.001 min
Lab File: VD080336.D
Acq: 14 May 2025 21:58

Tgt Ion: 129 Resp: 77861
Ion Ratio Lower Upper
129 100
127 79.0 38.4 115.2

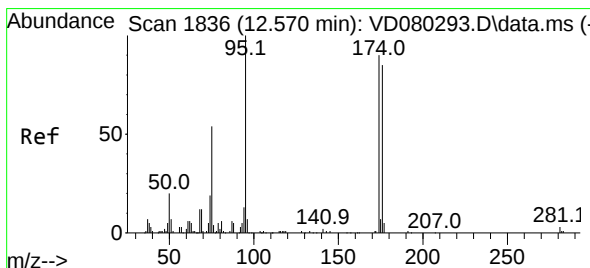
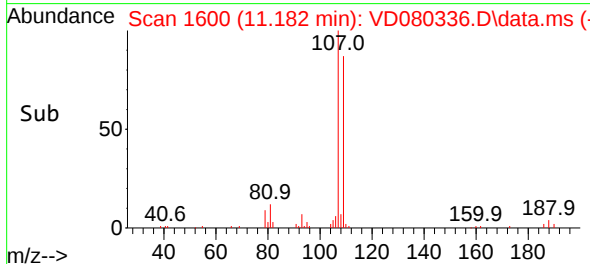
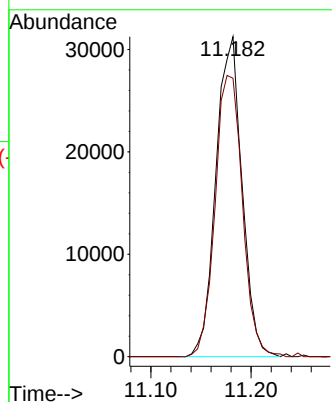
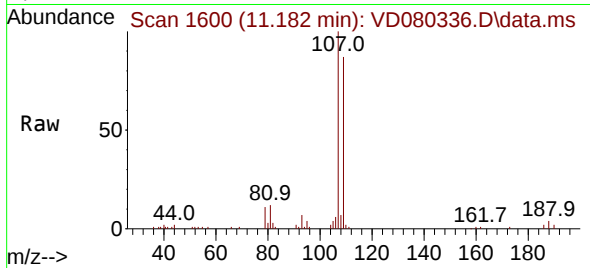




#61
1,2-Dibromoethane
Concen: 62.862 ug/l
RT: 11.182 min Scan# 1
Delta R.T. 0.001 min
Lab File: VD080336.D
Acq: 14 May 2025 21:58

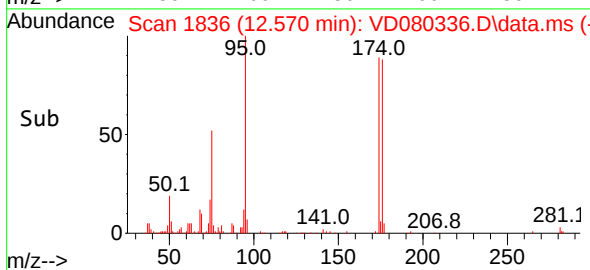
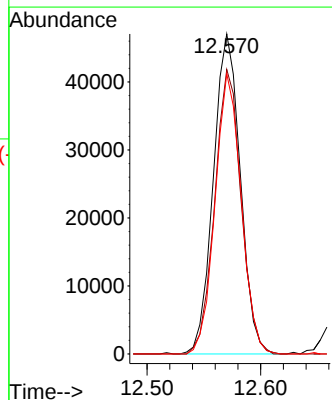
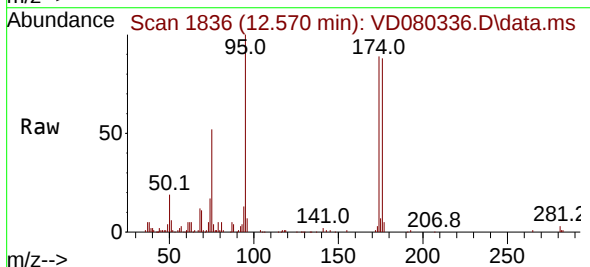
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

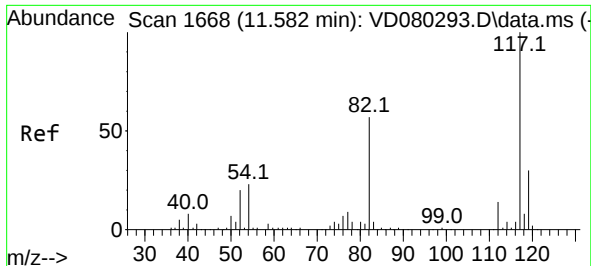
Tgt Ion:107 Resp: 56528
Ion Ratio Lower Upper
107 100
109 92.1 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 54.653 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.001 min
Lab File: VD080336.D
Acq: 14 May 2025 21:58

Tgt Ion: 95 Resp: 77493
Ion Ratio Lower Upper
95 100
174 87.1 0.0 173.4
176 84.8 0.0 166.6

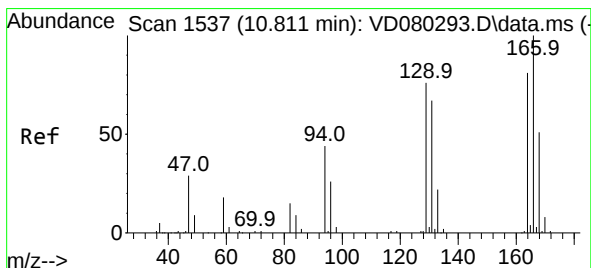
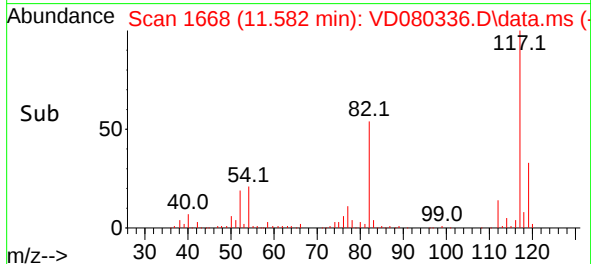
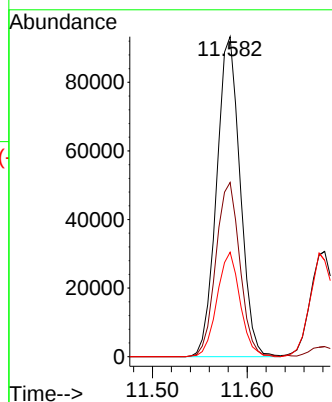
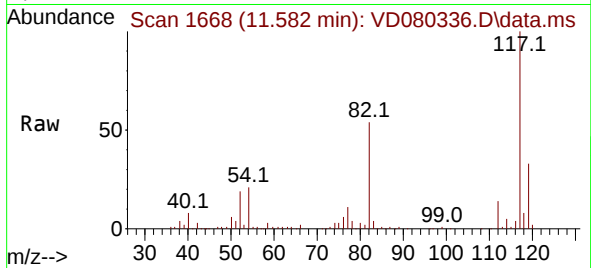




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.582 min Scan# 117
Delta R.T. 0.001 min
Lab File: VD080336.D
Acq: 14 May 2025 21:58

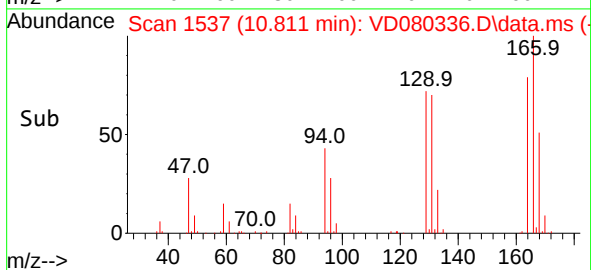
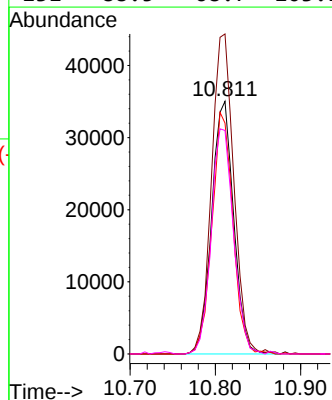
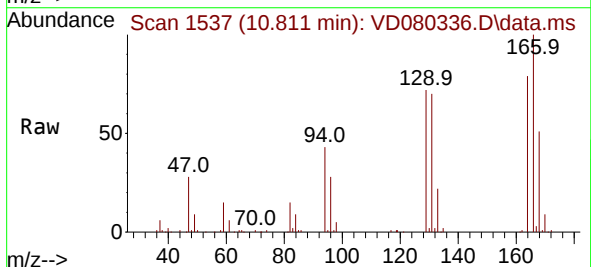
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

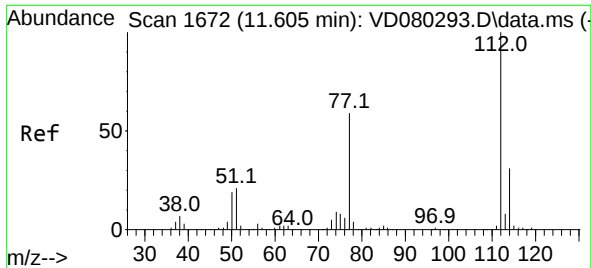
Tgt Ion:117 Resp: 161197
Ion Ratio Lower Upper
117 100
82 54.5 45.8 68.6
119 32.7 26.2 39.2



#64
Tetrachloroethene
Concen: 57.468 ug/l
RT: 10.811 min Scan# 1537
Delta R.T. 0.001 min
Lab File: VD080336.D
Acq: 14 May 2025 21:58

Tgt Ion:164 Resp: 62732
Ion Ratio Lower Upper
164 100
166 126.6 97.5 146.3
129 91.4 70.6 106.0
131 88.5 68.7 103.1

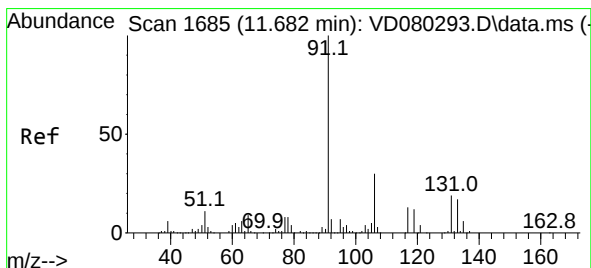
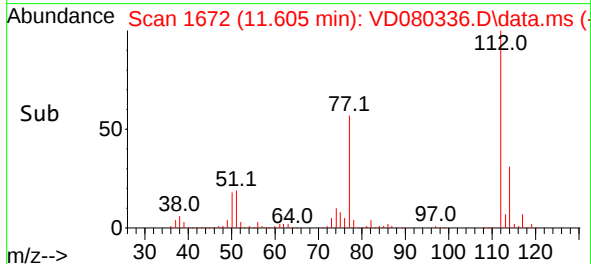
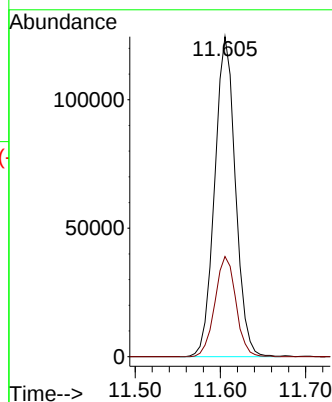
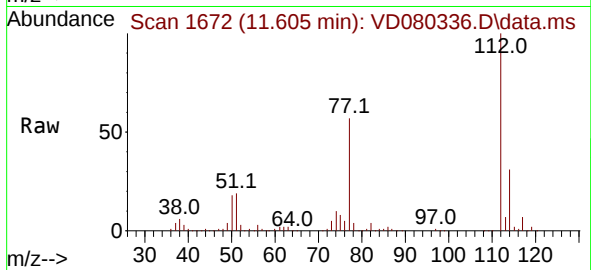




#65
Chlorobenzene
Concen: 57.889 ug/l
RT: 11.605 min Scan# 1672
Delta R.T. 0.001 min
Lab File: VD080336.D
Acq: 14 May 2025 21:58

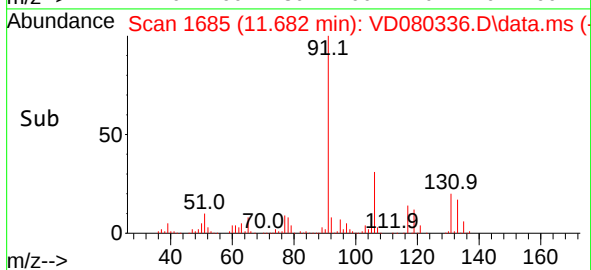
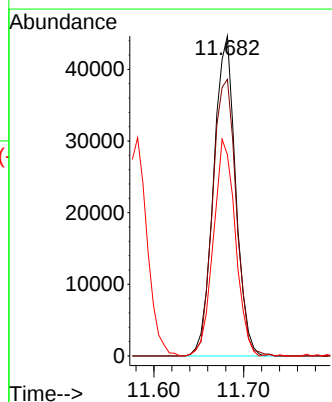
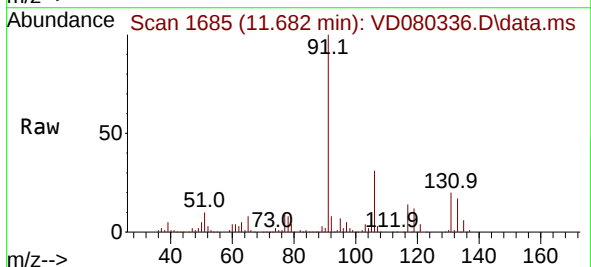
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

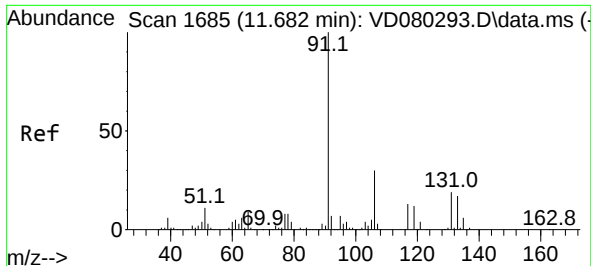
Tgt Ion:112 Resp: 210702
Ion Ratio Lower Upper
112 100
114 31.3 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 60.976 ug/l
RT: 11.682 min Scan# 1685
Delta R.T. 0.001 min
Lab File: VD080336.D
Acq: 14 May 2025 21:58

Tgt Ion:131 Resp: 76250
Ion Ratio Lower Upper
131 100
133 92.4 48.8 146.4
119 67.8 34.8 104.3





#67

Ethyl Benzene

Concen: 59.460 ug/l

RT: 11.682 min Scan# 1

Delta R.T. 0.001 min

Lab File: VD080336.D

Acq: 14 May 2025 21:58

Instrument :

MSVOA_D

ClientSampleId :

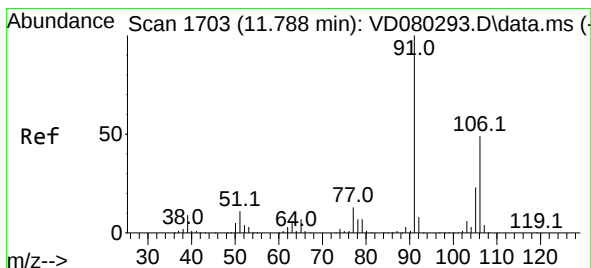
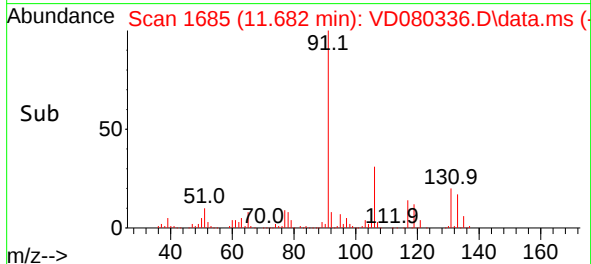
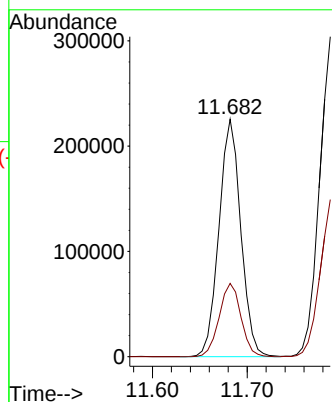
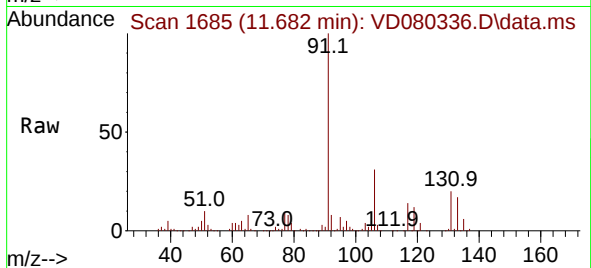
VSTDCCC050EC

Tgt Ion: 91 Resp: 361667

Ion Ratio Lower Upper

91 100

106 30.9 23.6 35.4



#68

m/p-Xylenes

Concen: 120.502 ug/l

RT: 11.794 min Scan# 1704

Delta R.T. 0.001 min

Lab File: VD080336.D

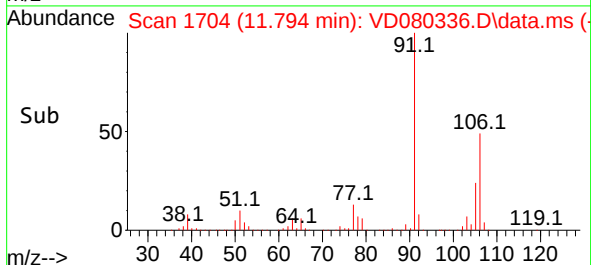
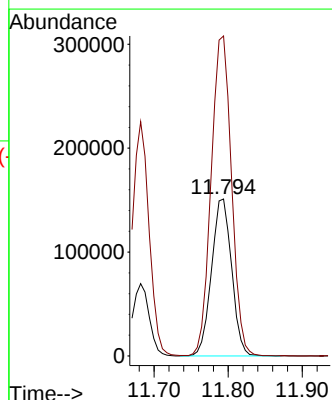
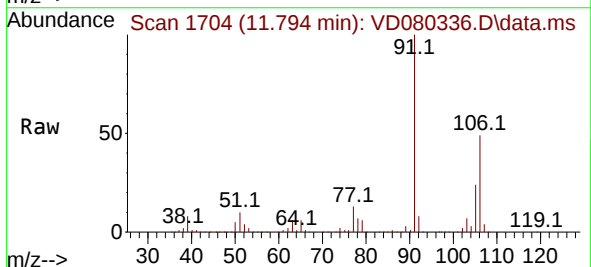
Acq: 14 May 2025 21:58

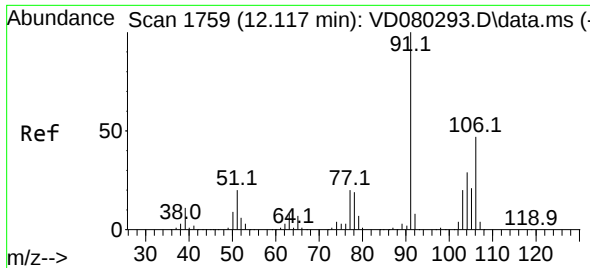
Tgt Ion: 106 Resp: 284594

Ion Ratio Lower Upper

106 100

91 206.5 162.6 244.0

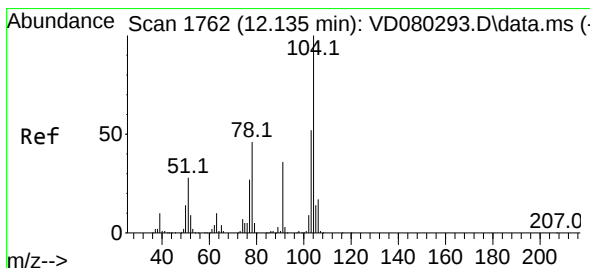
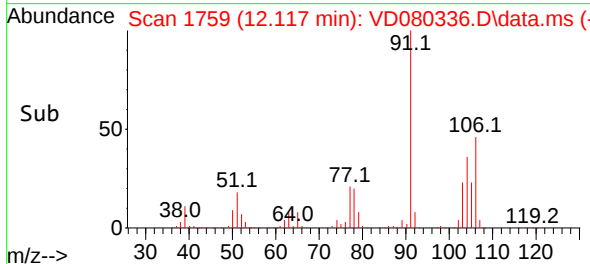
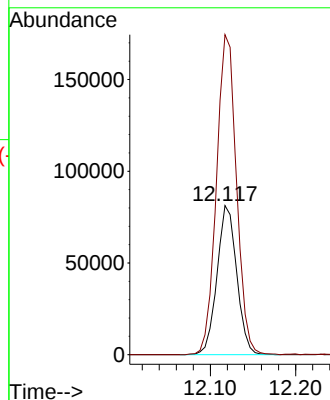
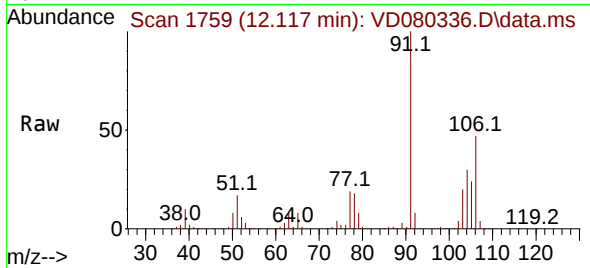




#69
o-Xylene
Concen: 60.518 ug/l
RT: 12.117 min Scan# 1759
Delta R.T. 0.001 min
Lab File: VD080336.D
Acq: 14 May 2025 21:58

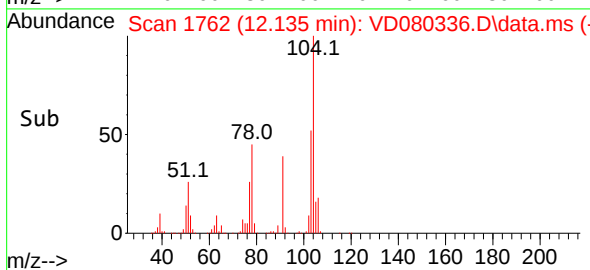
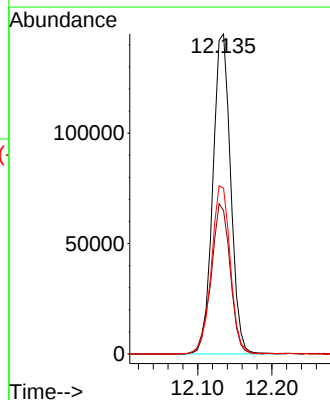
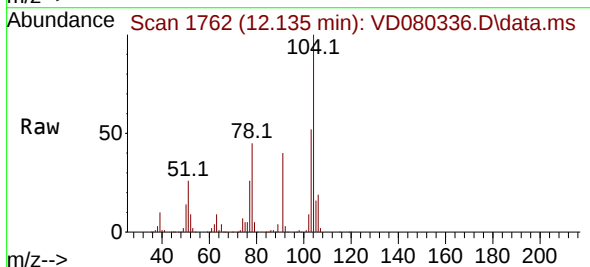
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

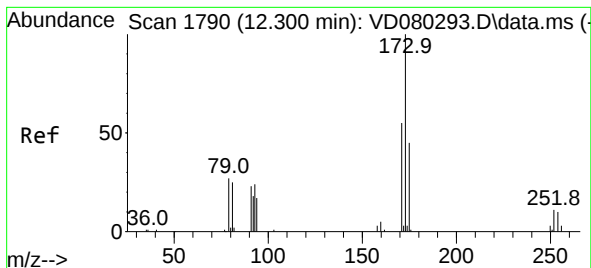
Tgt Ion:106 Resp: 130605
Ion Ratio Lower Upper
106 100
91 218.1 110.5 331.5



#70
Styrene
Concen: 62.390 ug/l
RT: 12.135 min Scan# 1762
Delta R.T. 0.001 min
Lab File: VD080336.D
Acq: 14 May 2025 21:58

Tgt Ion:104 Resp: 241776
Ion Ratio Lower Upper
104 100
78 50.4 39.8 59.8
103 55.8 45.2 67.8





#71

Bromoform

Concen: 63.238 ug/l

RT: 12.294 min Scan# 11

Delta R.T. 0.001 min

Lab File: VD080336.D

Acq: 14 May 2025 21:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

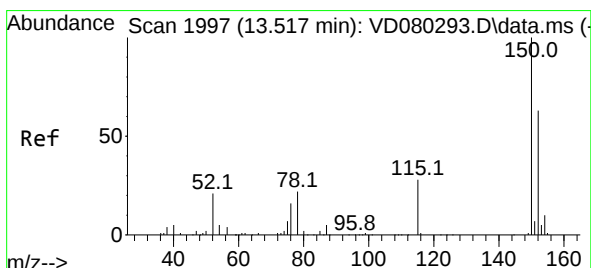
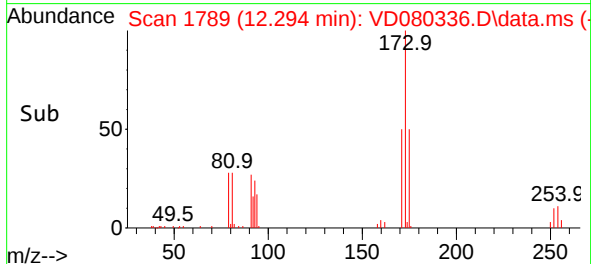
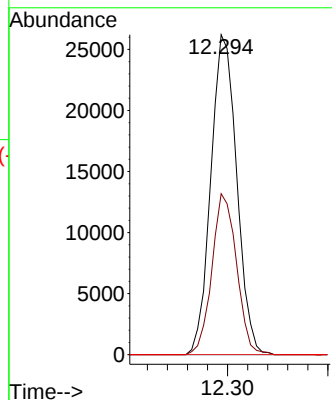
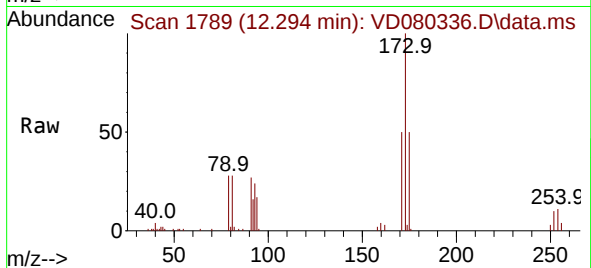
Tgt Ion:173 Resp: 46983

Ion Ratio Lower Upper

173 100

175 47.9 24.8 74.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.511 min Scan# 1996

Delta R.T. -0.005 min

Lab File: VD080336.D

Acq: 14 May 2025 21:58

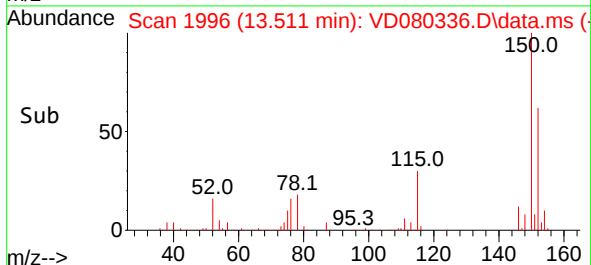
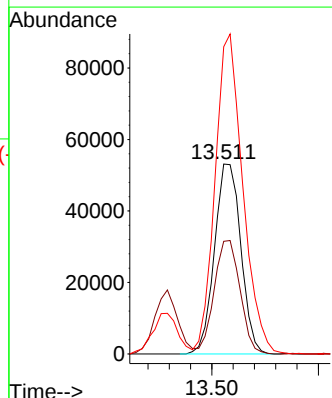
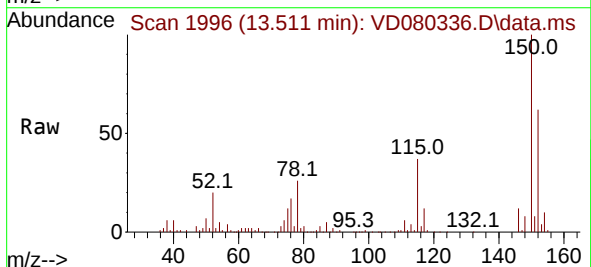
Tgt Ion:152 Resp: 91222

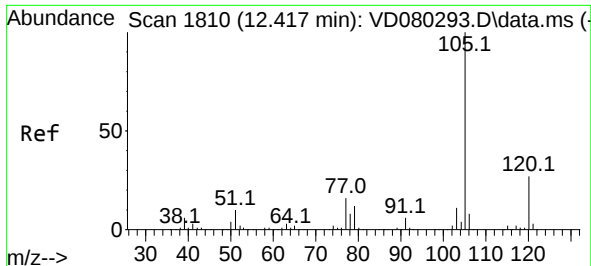
Ion Ratio Lower Upper

152 100

115 58.9 28.9 86.8

150 177.5 0.0 354.8

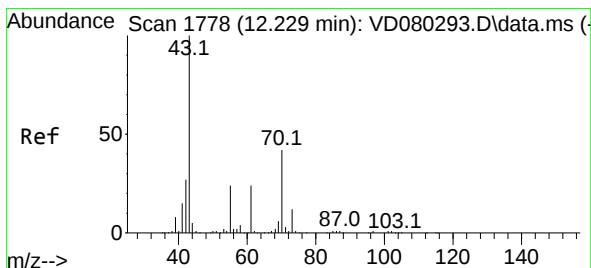
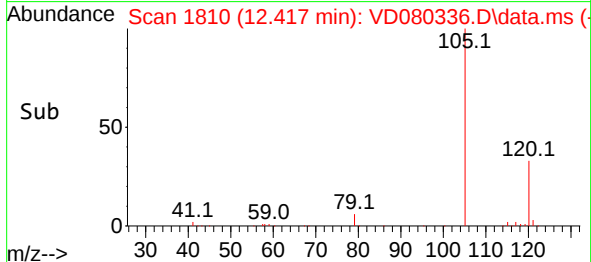
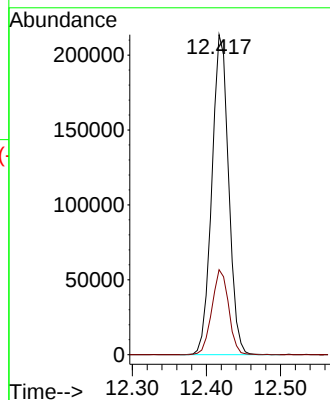
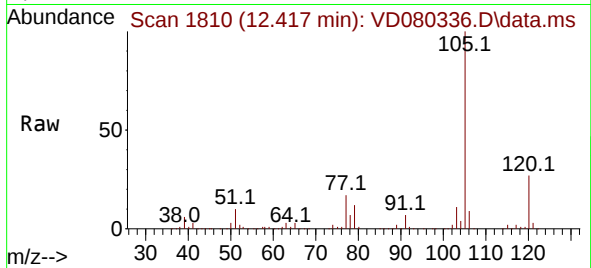




#73
Isopropylbenzene
Concen: 56.653 ug/l
RT: 12.417 min Scan# 1810
Delta R.T. -0.005 min
Lab File: VD080336.D
Acq: 14 May 2025 21:58

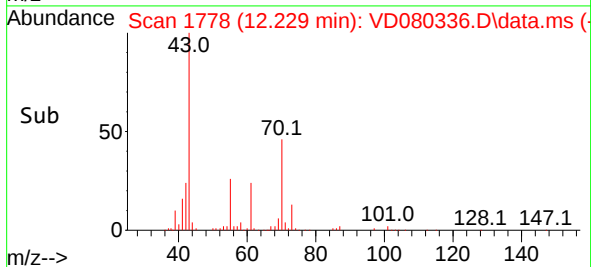
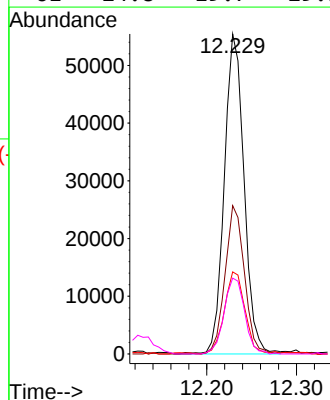
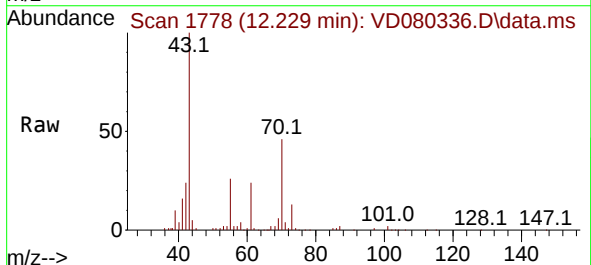
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

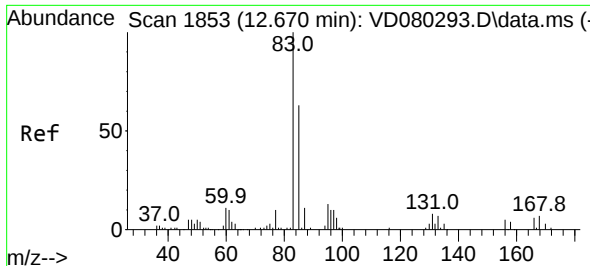
Tgt Ion:105 Resp: 335241
Ion Ratio Lower Upper
105 100
120 26.5 13.3 39.9



#74
N-ethyl acetate
Concen: 49.907 ug/l
RT: 12.229 min Scan# 1778
Delta R.T. -0.005 min
Lab File: VD080336.D
Acq: 14 May 2025 21:58

Tgt Ion: 43 Resp: 84759
Ion Ratio Lower Upper
43 100
70 45.5 36.3 54.5
55 26.6 20.3 30.5
61 24.8 19.7 29.5

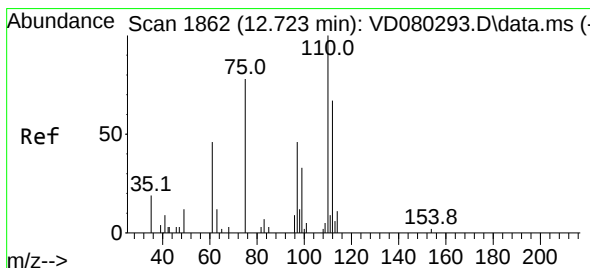
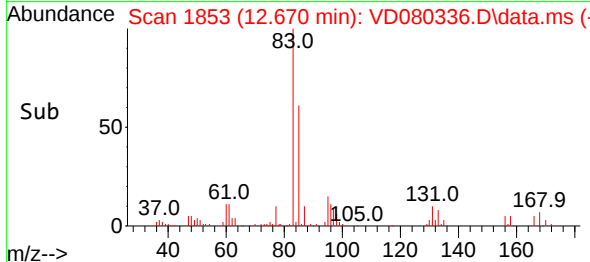
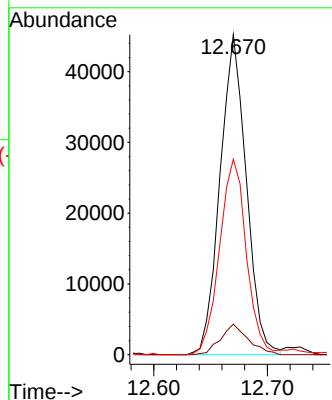
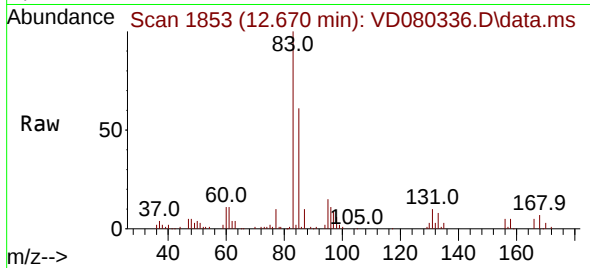




#75
 1,1,2,2-Tetrachloroethane
 Concen: 55.869 ug/l
 RT: 12.670 min Scan# 1853
 Delta R.T. 0.001 min
 Lab File: VD080336.D
 Acq: 14 May 2025 21:58

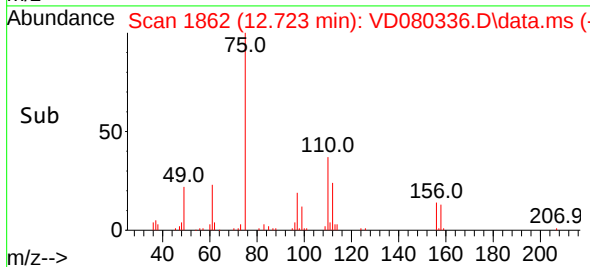
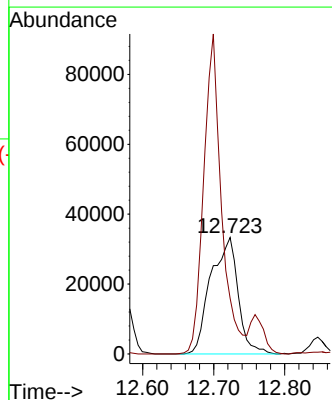
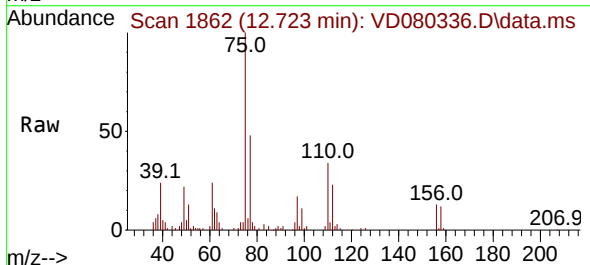
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

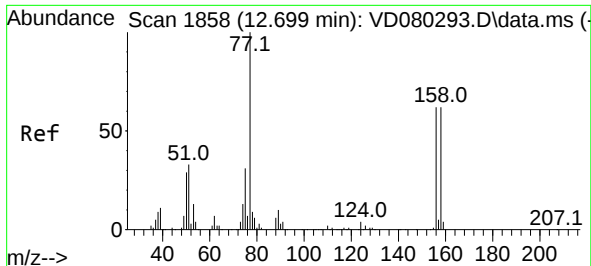
Tgt Ion: 83 Resp: 72701
 Ion Ratio Lower Upper
 83 100
 131 10.1 5.1 15.3
 85 62.8 32.9 98.6



#76
 1,2,3-Trichloropropane
 Concen: 101.244 ug/l
 RT: 12.723 min Scan# 1862
 Delta R.T. 0.001 min
 Lab File: VD080336.D
 Acq: 14 May 2025 21:58

Tgt Ion: 75 Resp: 89136
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

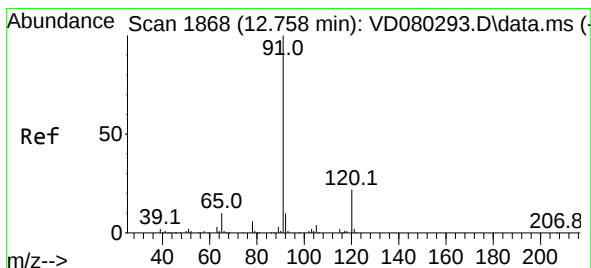
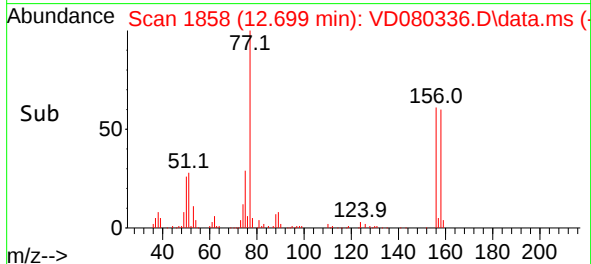
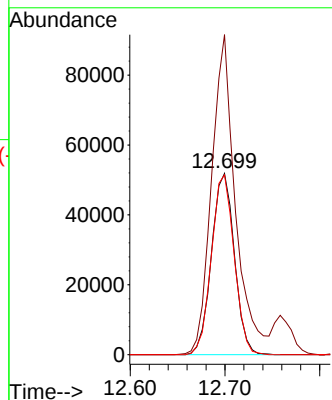
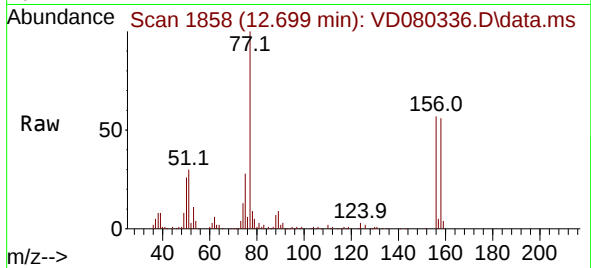




#77
Bromobenzene
Concen: 56.873 ug/l
RT: 12.699 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VD080336.D
Acq: 14 May 2025 21:58

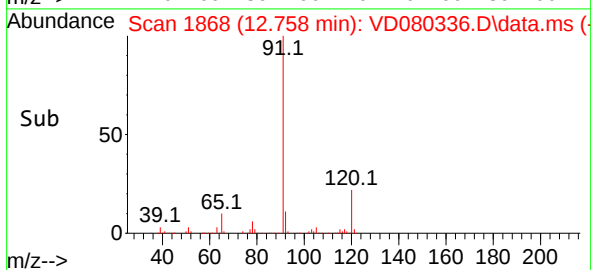
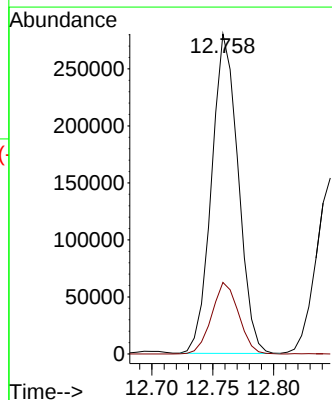
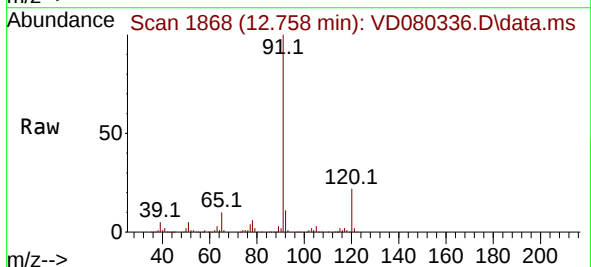
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

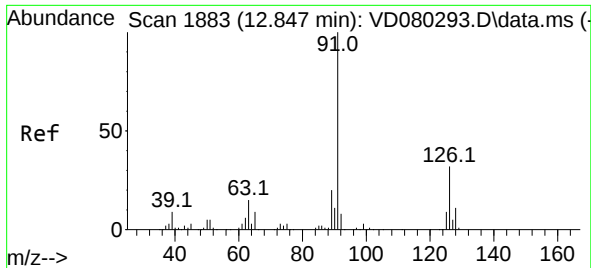
Tgt Ion:156 Resp: 87295
Ion Ratio Lower Upper
156 100
77 184.3 89.8 269.6
158 98.5 47.9 143.8



#78
n-propylbenzene
Concen: 57.431 ug/l
RT: 12.758 min Scan# 1868
Delta R.T. -0.005 min
Lab File: VD080336.D
Acq: 14 May 2025 21:58

Tgt Ion: 91 Resp: 426480
Ion Ratio Lower Upper
91 100
120 22.6 11.2 33.5

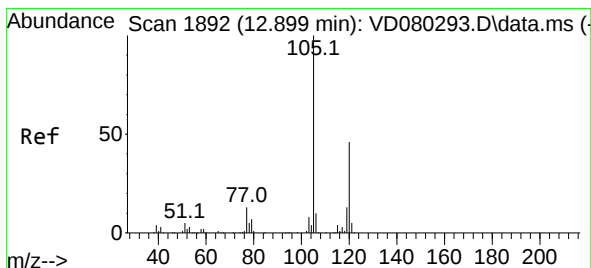
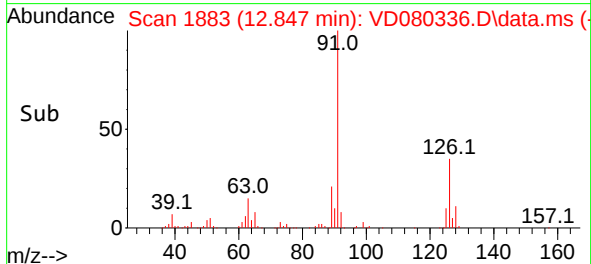
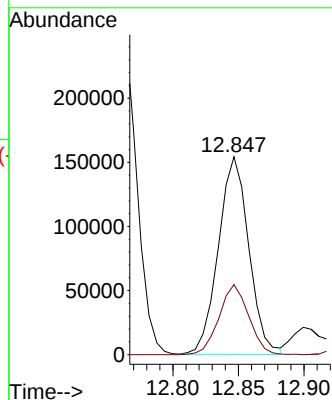
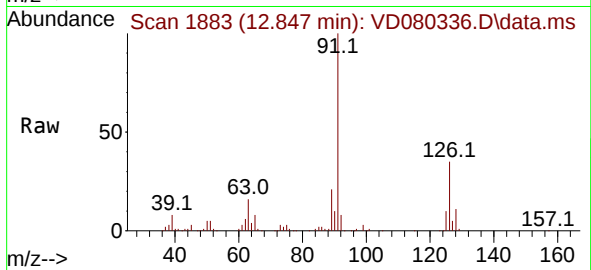




#79
2-Chlorotoluene
Concen: 57.557 ug/l
RT: 12.847 min Scan# 1883
Delta R.T. 0.001 min
Lab File: VD080336.D
Acq: 14 May 2025 21:58

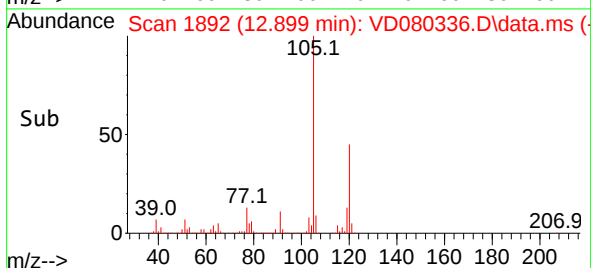
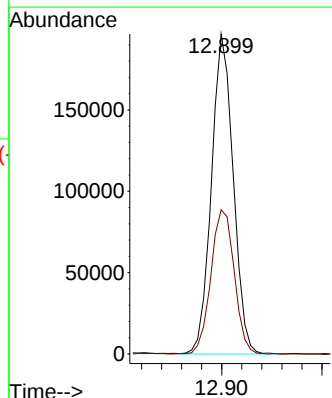
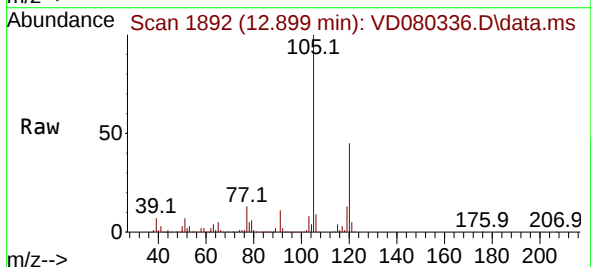
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

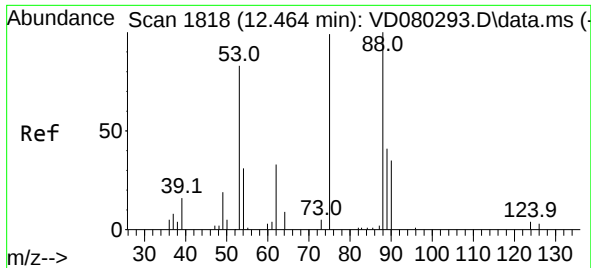
Tgt Ion: 91 Resp: 248614
Ion Ratio Lower Upper
91 100
126 34.5 17.2 51.5



#80
1,3,5-Trimethylbenzene
Concen: 58.851 ug/l
RT: 12.899 min Scan# 1892
Delta R.T. -0.005 min
Lab File: VD080336.D
Acq: 14 May 2025 21:58

Tgt Ion: 105 Resp: 297026
Ion Ratio Lower Upper
105 100
120 48.3 25.0 75.0

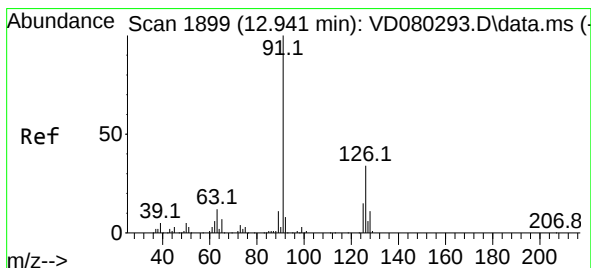
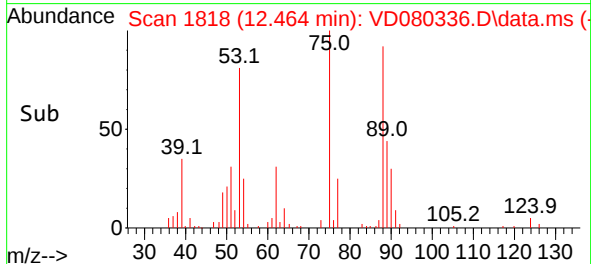
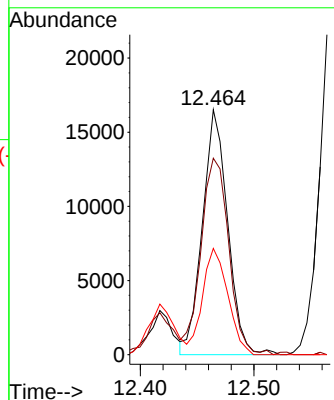
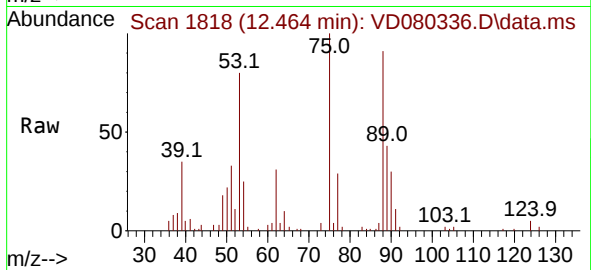




#81
trans-1,4-Dichloro-2-butene
Concen: 54.991 ug/l
RT: 12.464 min Scan# 1818
Delta R.T. -0.005 min
Lab File: VD080336.D
Acq: 14 May 2025 21:58

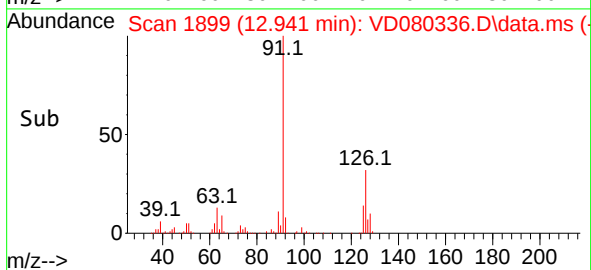
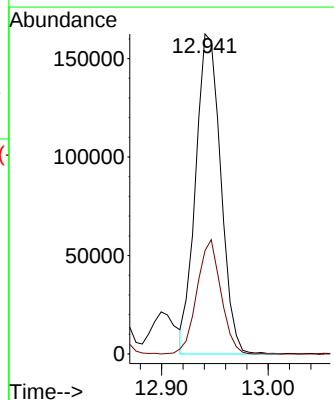
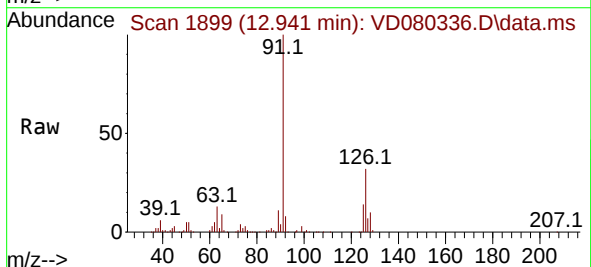
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

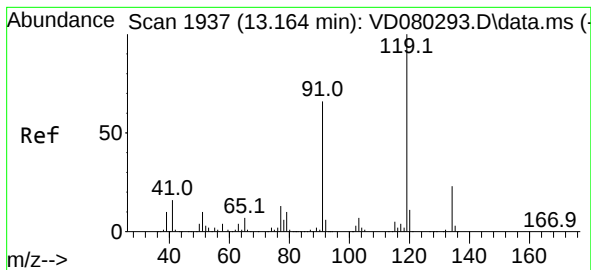
Tgt Ion: 75 Resp: 25506
Ion Ratio Lower Upper
75 100
53 88.6 68.7 103.1
89 43.5 36.1 54.1



#82
4-Chlorotoluene
Concen: 57.172 ug/l
RT: 12.941 min Scan# 1899
Delta R.T. -0.005 min
Lab File: VD080336.D
Acq: 14 May 2025 21:58

Tgt Ion: 91 Resp: 266570
Ion Ratio Lower Upper
91 100
126 34.1 16.8 50.3

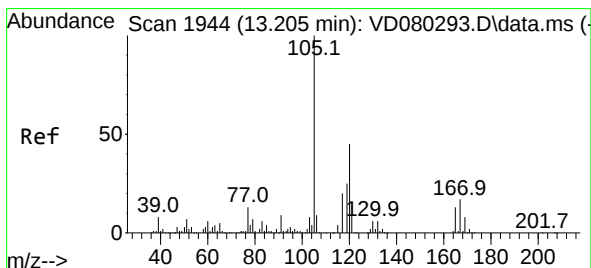
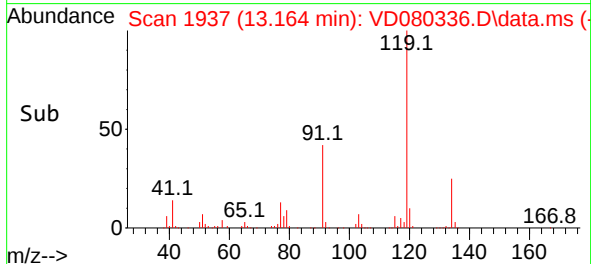
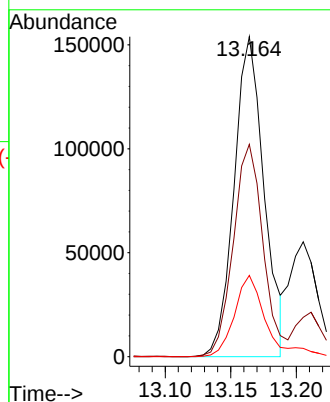
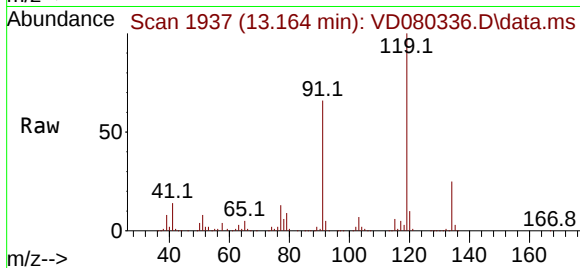




#83
 tert-Butylbenzene
 Concen: 58.101 ug/l
 RT: 13.164 min Scan# 1937
 Delta R.T. 0.001 min
 Lab File: VD080336.D
 Acq: 14 May 2025 21:58

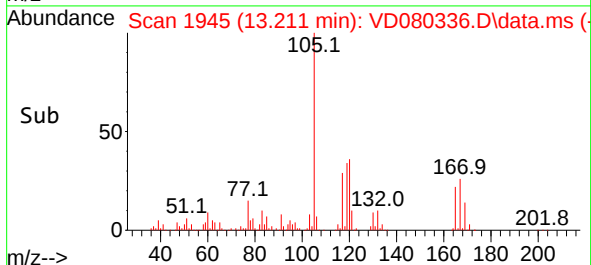
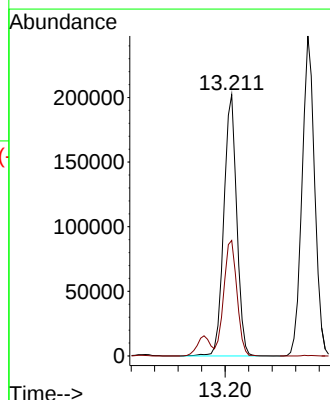
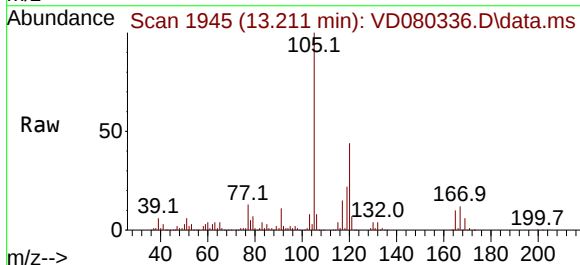
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

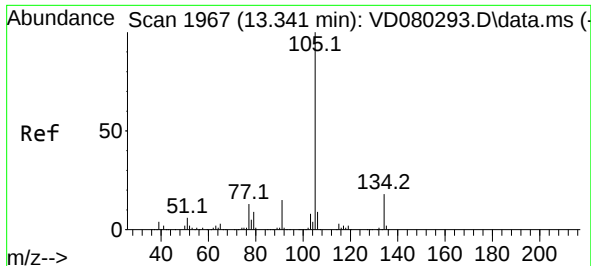
Tgt Ion:119 Resp: 244701
 Ion Ratio Lower Upper
 119 100
 91 66.4 33.3 99.9
 134 26.6 13.5 40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 59.562 ug/l
 RT: 13.211 min Scan# 1945
 Delta R.T. 0.001 min
 Lab File: VD080336.D
 Acq: 14 May 2025 21:58

Tgt Ion:105 Resp: 307575
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.8 68.4

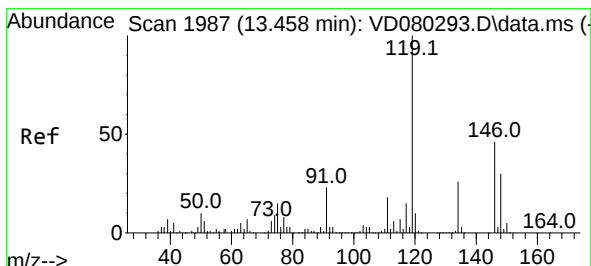
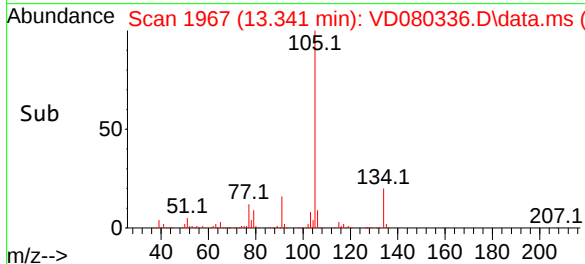
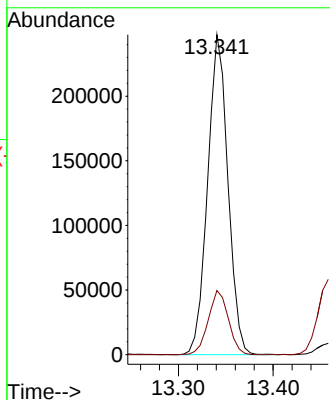
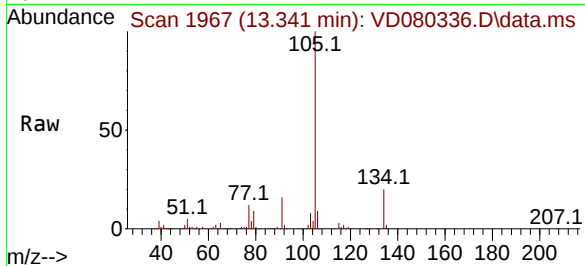




#85
 sec-Butylbenzene
 Concen: 56.634 ug/l
 RT: 13.341 min Scan# 1967
 Delta R.T. 0.001 min
 Lab File: VD080336.D
 Acq: 14 May 2025 21:58

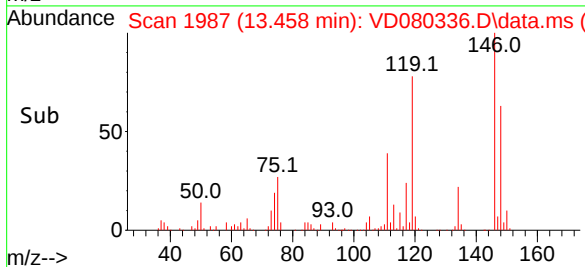
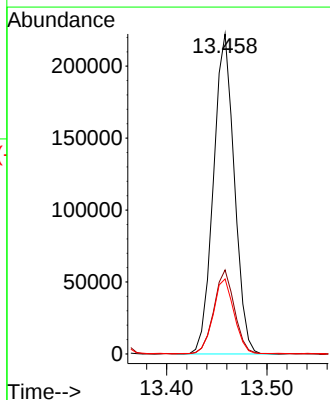
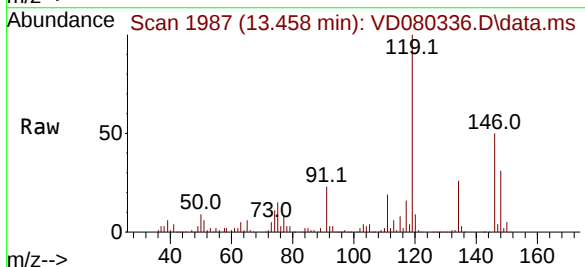
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

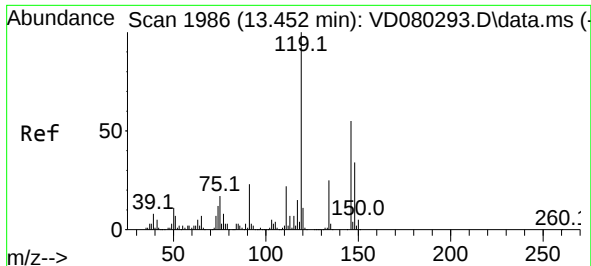
Tgt Ion:105 Resp: 367826
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 58.947 ug/l
 RT: 13.458 min Scan# 1987
 Delta R.T. 0.001 min
 Lab File: VD080336.D
 Acq: 14 May 2025 21:58

Tgt Ion:119 Resp: 321761
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.1 39.1
 91 23.3 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 57.000 ug/l

RT: 13.458 min Scan# 1986

Delta R.T. 0.001 min

Lab File: VD080336.D

Acq: 14 May 2025 21:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

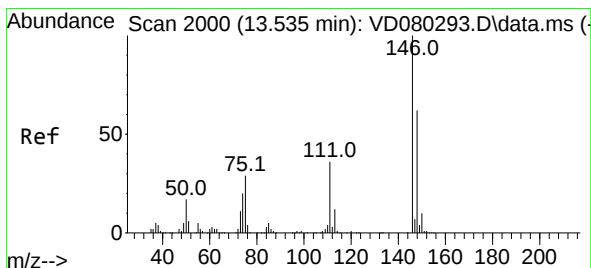
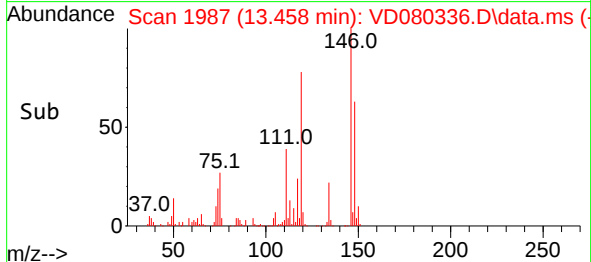
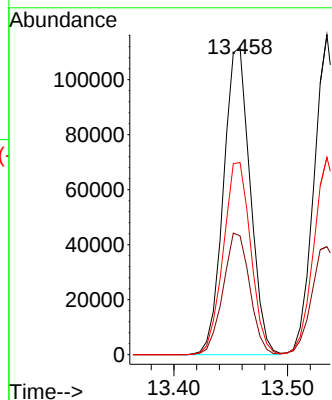
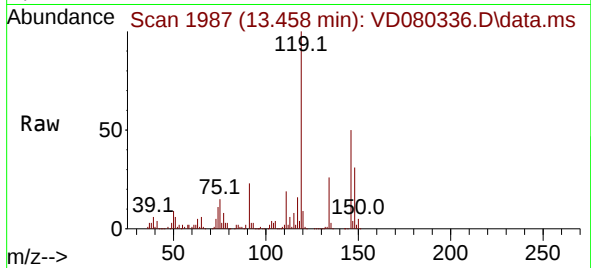
Tgt Ion:146 Resp: 182460

Ion Ratio Lower Upper

146 100

111 39.7 20.0 59.9

148 64.3 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 56.222 ug/l

RT: 13.535 min Scan# 2000

Delta R.T. 0.001 min

Lab File: VD080336.D

Acq: 14 May 2025 21:58

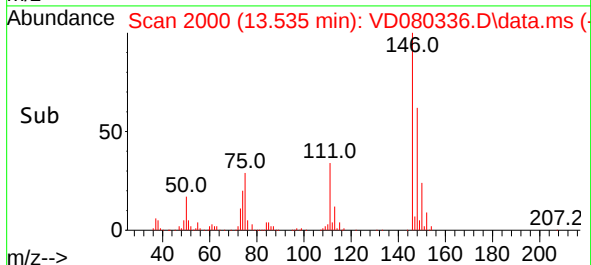
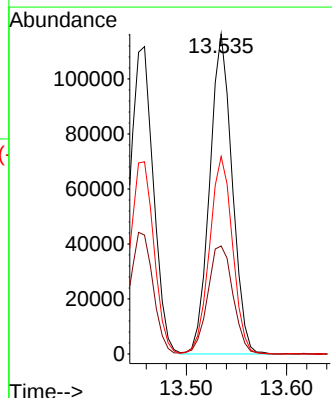
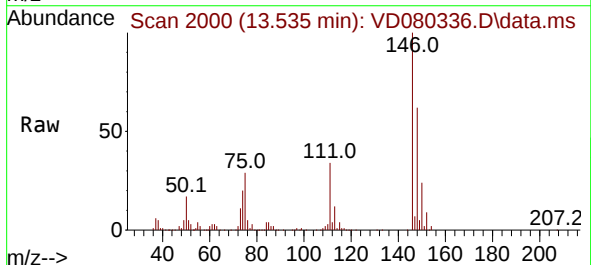
Tgt Ion:146 Resp: 181429

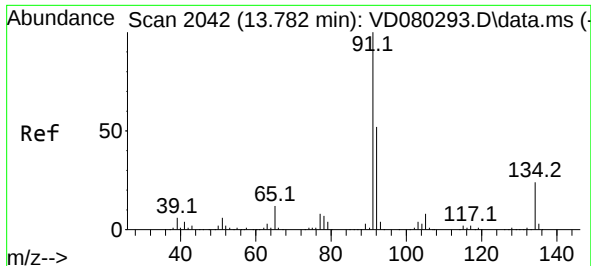
Ion Ratio Lower Upper

146 100

111 38.1 19.3 57.8

148 63.2 32.9 98.7





#89

n-Butylbenzene

Concen: 57.097 ug/l

RT: 13.782 min Scan# 2042

Delta R.T. -0.005 min

Lab File: VD080336.D

Acq: 14 May 2025 21:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

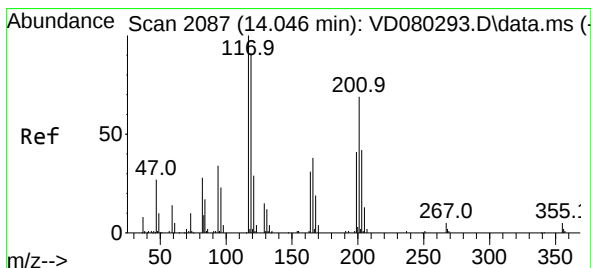
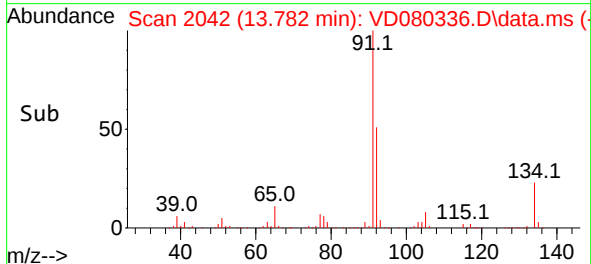
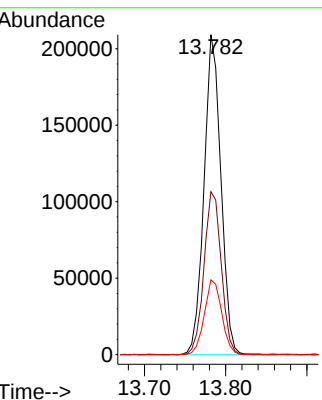
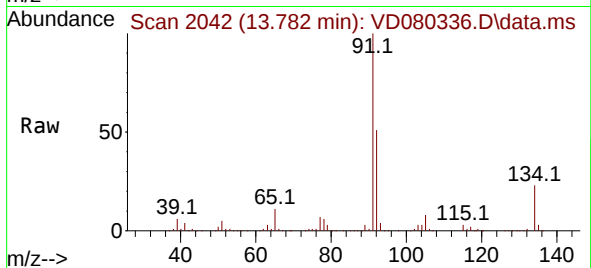
Tgt Ion: 91 Resp: 302547

Ion Ratio Lower Upper

91 100

92 52.1 26.3 78.9

134 24.1 12.3 36.8



#90

Hexachloroethane

Concen: 57.692 ug/l

RT: 14.052 min Scan# 2088

Delta R.T. 0.001 min

Lab File: VD080336.D

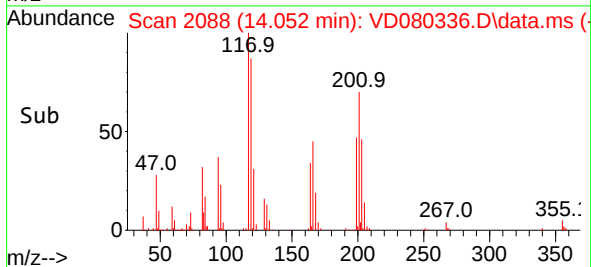
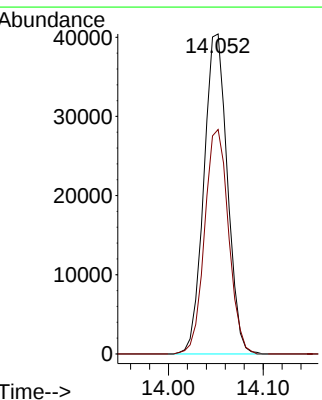
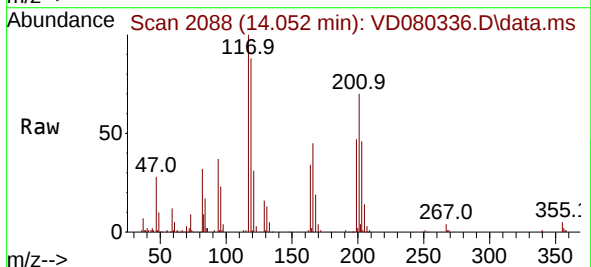
Acq: 14 May 2025 21:58

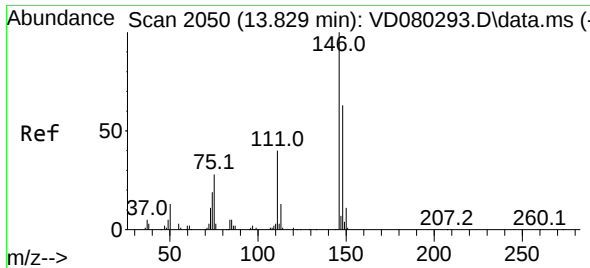
Tgt Ion: 117 Resp: 69678

Ion Ratio Lower Upper

117 100

201 71.4 37.5 112.5

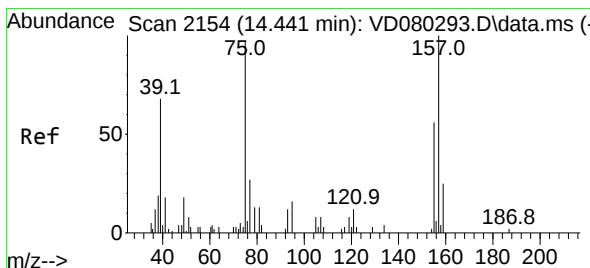
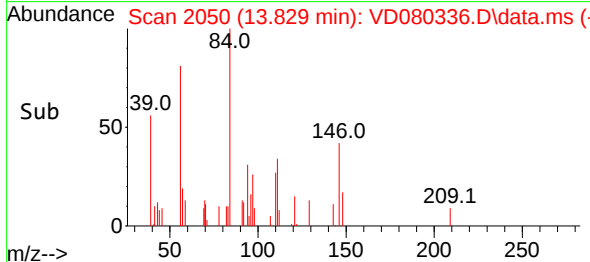
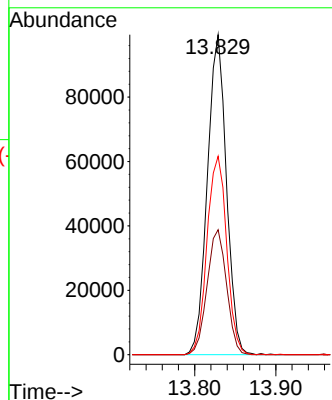
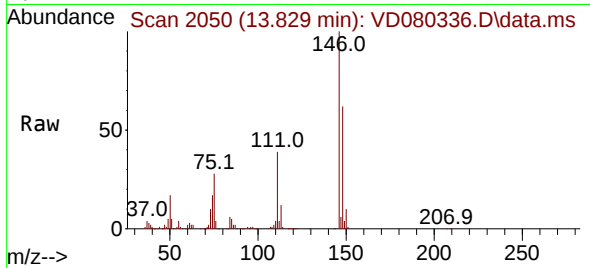




#91
1,2-Dichlorobenzene
Concen: 58.170 ug/l
RT: 13.829 min Scan# 2050
Delta R.T. 0.001 min
Lab File: VD080336.D
Acq: 14 May 2025 21:58

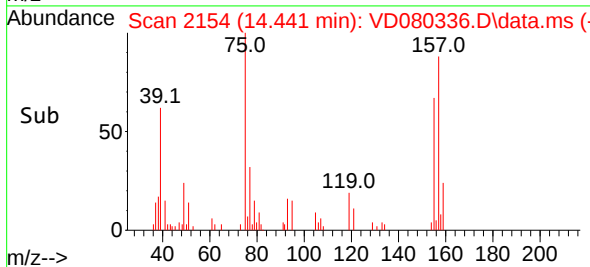
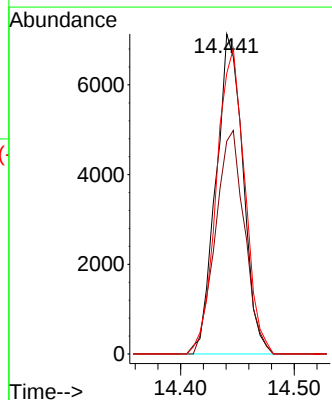
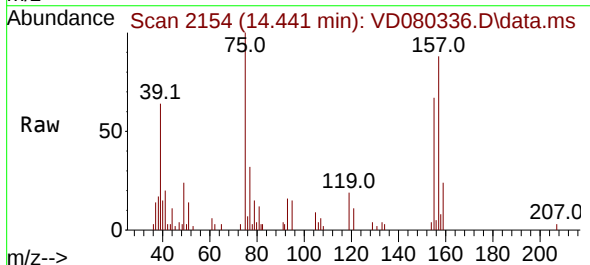
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

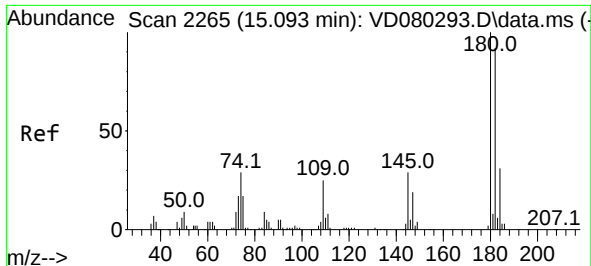
Tgt Ion:146 Resp: 161753
Ion Ratio Lower Upper
146 100
111 40.0 20.6 61.8
148 64.0 32.7 98.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 57.032 ug/l
RT: 14.441 min Scan# 2154
Delta R.T. 0.001 min
Lab File: VD080336.D
Acq: 14 May 2025 21:58

Tgt Ion: 75 Resp: 11828
Ion Ratio Lower Upper
75 100
155 74.8 40.6 122.0
157 99.6 53.3 159.9

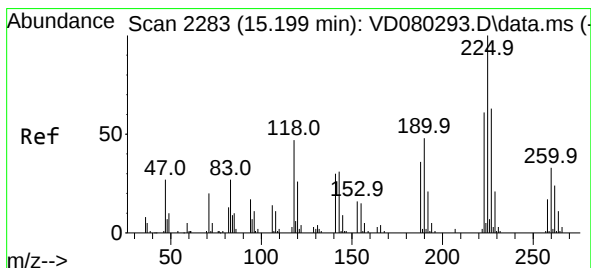
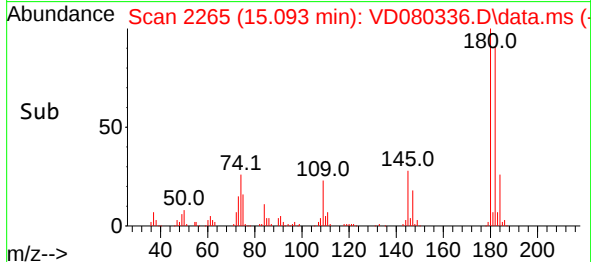
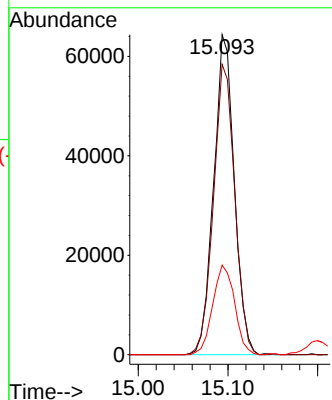
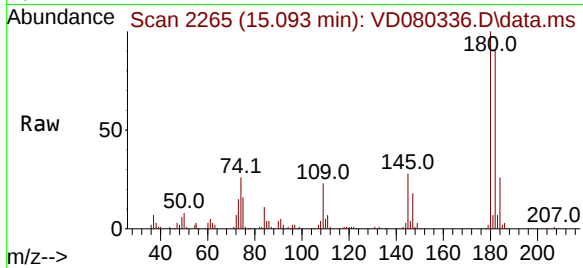




#93
1,2,4-Trichlorobenzene
Concen: 58.681 ug/l
RT: 15.093 min Scan# 21
Delta R.T. -0.005 min
Lab File: VD080336.D
Acq: 14 May 2025 21:58

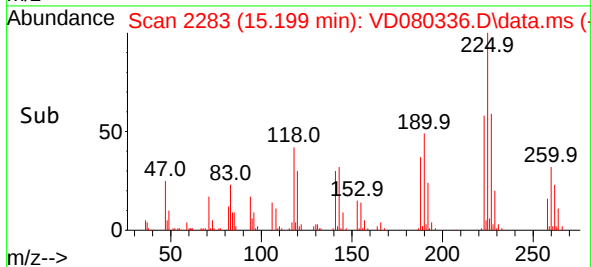
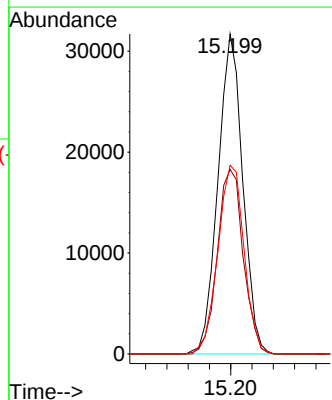
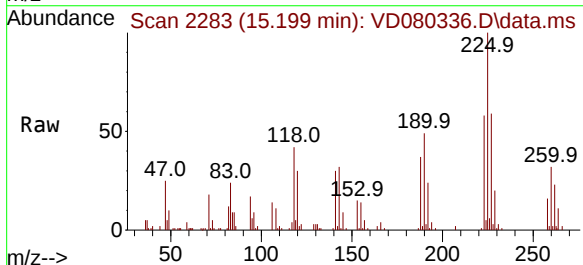
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

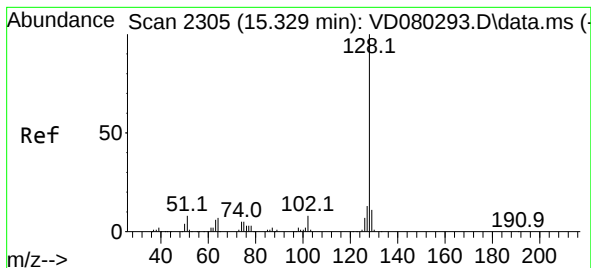
Tgt Ion:180 Resp: 102618
Ion Ratio Lower Upper
180 100
182 93.7 47.4 142.2
145 29.7 14.7 44.1



#94
Hexachlorobutadiene
Concen: 56.178 ug/l
RT: 15.199 min Scan# 2283
Delta R.T. 0.001 min
Lab File: VD080336.D
Acq: 14 May 2025 21:58

Tgt Ion:225 Resp: 51110
Ion Ratio Lower Upper
225 100
223 60.5 31.5 94.5
227 62.4 30.9 92.5





#95

Naphthalene

Concen: 58.826 ug/l

RT: 15.329 min Scan# 2305

Delta R.T. 0.001 min

Lab File: VD080336.D

Acq: 14 May 2025 21:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

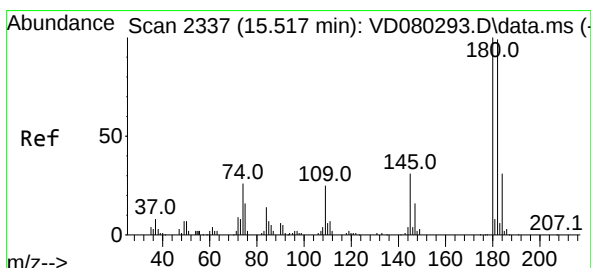
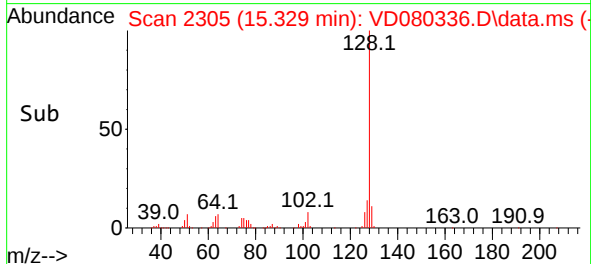
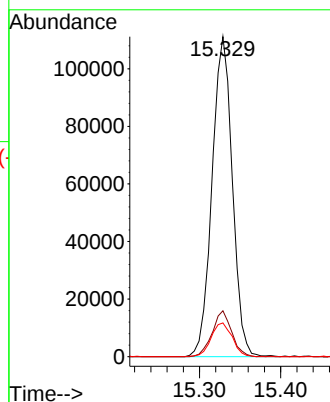
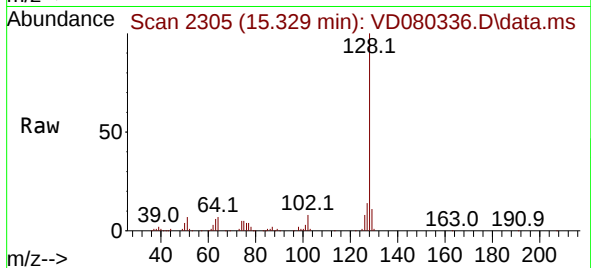
Tgt Ion:128 Resp: 193157

Ion Ratio Lower Upper

128 100

127 14.3 11.8 17.8

129 10.6 8.3 12.5



#96

1,2,3-Trichlorobenzene

Concen: 60.322 ug/l

RT: 15.517 min Scan# 2337

Delta R.T. 0.001 min

Lab File: VD080336.D

Acq: 14 May 2025 21:58

Tgt Ion:180 Resp: 94346

Ion Ratio Lower Upper

180 100

182 93.5 47.5 142.6

145 32.3 15.7 47.0

