

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061325\
 Data File : VD080439.D
 Acq On : 13 Jun 2025 14:45
 Operator : RP/MD
 Sample : VSTDICV025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VICV881

Quant Time: Jun 16 11:39:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061325SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Jun 16 11:17:50 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.776	114	237765	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.582	117	229105	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.517	152	125866	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	95833	23.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.92%
7) Chloroethane-d5	2.806	69	83538	24.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.32%
11) 1,1-Dichloroethene-d2	3.917	65	32843	23.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.56%
21) 2-Butanone-d5	7.064	46	464	0.65	ug/L	0.08
Spiked Amount	50.000	Range	20 - 135	Recovery	=	1.30%#
24) Chloroform-d	7.564	84	166148	24.21	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.84%
26) 1,2-Dichloroethane-d4	8.229	65	84017	24.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.92%
32) Benzene-d6	8.200	84	326998	25.51	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.04%
36) 1,2-Dichloropropane-d6	9.205	67	102030	24.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.28%
41) Toluene-d8	10.264	98	308991	25.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.56%
43) trans-1,3-Dichloroprop...	10.523	79	43937	25.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.80%
47) 2-Hexanone-d5	10.876	63	32031	51.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.82%
56) 1,1,2,2-Tetrachloroeth...	12.646	84	92650	25.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.84%
66) 1,2-Dichlorobenzene-d4	13.811	152	114537	24.41	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.64%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.935	85	86924	22.66	ug/L	99
3) Chloromethane	2.147	50	87768	23.18	ug/L	99
5) Vinyl chloride	2.288	62	106559	23.74	ug/L	99
6) Bromomethane	2.694	94	62948	26.41	ug/L	98
8) Chloroethane	2.841	64	75025	24.85	ug/L	97
9) Trichlorofluoromethane	3.176	101	143976	24.17	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.965	101	90156	24.14	ug/L	98
12) 1,1-Dichloroethene	3.935	96	80226	24.85	ug/L #	86
13) Acetone	4.023	43	27974	43.03	ug/L	82
14) Carbon disulfide	4.270	76	264012	24.17	ug/L	98
15) Methyl Acetate	4.559	43	37371	23.88	ug/L	97
16) Methylene chloride	4.806	84	104074	19.44	ug/L	86
17) trans-1,2-Dichloroethene	5.312	96	88792	24.53	ug/L	97
18) Methyl tert-butyl Ether	5.323	73	185379	26.17	ug/L	97
19) 1,1-Dichloroethane	6.117	63	157723	25.04	ug/L	97
20) cis-1,2-Dichloroethene	7.082	96	101450	26.23	ug/L	98
22) 2-Butanone	7.082	43	45903	51.70	ug/L	98
23) Bromochloromethane	7.429	128	49869	25.24	ug/L	95
25) Chloroform	7.594	83	175233	25.03	ug/L	99

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 Response via : Initial Calibration

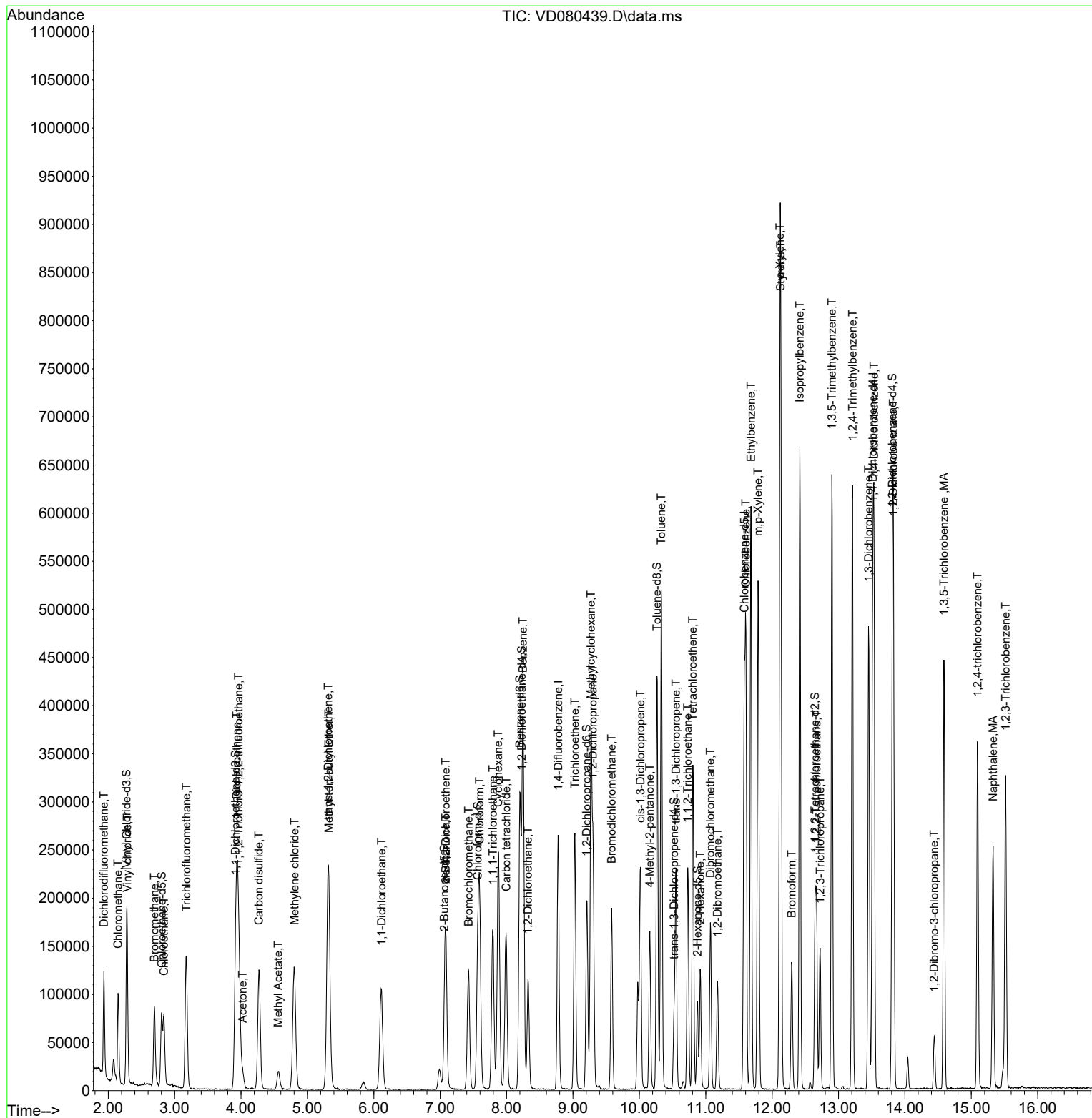
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.323	62	101496	25.30	ug/L	96
29) Cyclohexane	7.876	56	135770	26.67	ug/L	98
30) 1,1,1-Trichloroethane	7.794	97	142860	24.81	ug/L	98
31) Carbon tetrachloride	7.994	117	133065	24.79	ug/L	99
33) Benzene	8.247	78	367865	26.11	ug/L	100
34) Trichloroethene	9.029	95	95254	24.17	ug/L	95
35) Methylcyclohexane	9.270	83	149861	25.78	ug/L	100
37) 1,2-Dichloropropane	9.300	63	101351	26.28	ug/L	99
38) Bromodichloromethane	9.582	83	126156	24.99	ug/L	99
39) cis-1,3-Dichloropropene	10.017	75	146784	25.51	ug/L	98
40) 4-Methyl-2-pentanone	10.158	43	107866	55.21	ug/L	99
42) Toluene	10.329	91	405985	26.28	ug/L	98
44) trans-1,3-Dichloropropene	10.552	75	128939	25.96	ug/L	98
45) 1,1,2-Trichloroethane	10.729	97	79154	25.09	ug/L	97
46) Tetrachloroethene	10.805	164	86417	25.13	ug/L	98
48) 2-Hexanone	10.917	43	77334	53.95	ug/L	97
49) Dibromochloromethane	11.070	129	97409	25.98	ug/L	100
50) 1,2-Dibromoethane	11.176	107	76087	25.61	ug/L	98
51) Chlorobenzene	11.605	112	264499	25.04	ug/L	98
52) Ethylbenzene	11.682	91	437419	26.31	ug/L	96
53) m,p-Xylene	11.788	106	174812	27.19	ug/L	96
54) o-Xylene	12.117	106	163461	26.50	ug/L	96
55) Styrene	12.129	104	302364	27.49	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.670	83	93607	25.65	ug/L	96
59) Bromoform	12.294	173	65353	24.91	ug/L	99
60) Isopropylbenzene	12.417	105	429977	25.68	ug/L	99
61) 1,2,3-Trichloropropane	12.723	75	63063	24.32	ug/L	98
62) 1,3,5-Trimethylbenzene	12.899	105	343902	26.23	ug/L	100
63) 1,2,4-Trimethylbenzene	13.211	105	344109	26.46	ug/L	100
64) 1,3-Dichlorobenzene	13.452	146	217532	25.01	ug/L	96
65) 1,4-Dichlorobenzene	13.535	146	227006	25.11	ug/L	99
67) 1,2-Dichlorobenzene	13.829	146	200004	24.77	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.440	75	14129	23.99	ug/L	94
69) 1,3,5-Trichlorobenzene	14.588	180	151405	25.25	ug/L	99
70) 1,2,4-trichlorobenzene	15.093	180	125273	24.86	ug/L	98
71) Naphthalene	15.329	128	230045	25.58	ug/L	99
72) 1,2,3-Trichlorobenzene	15.517	180	125711	26.98	ug/L	96

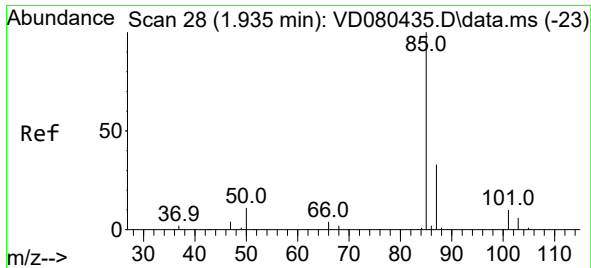
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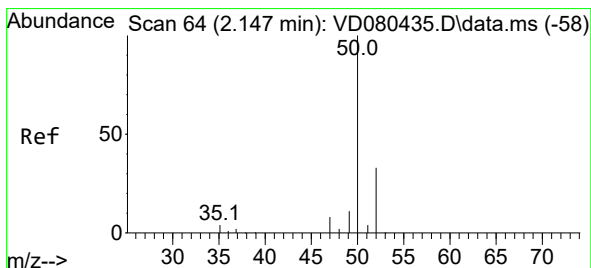
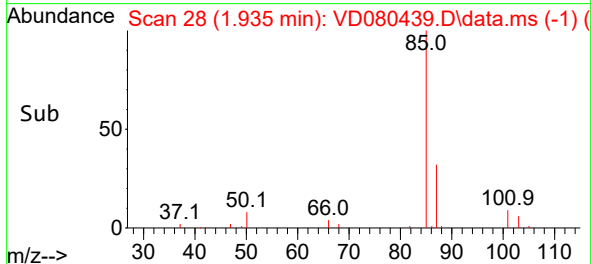
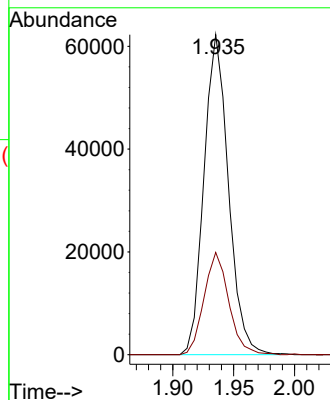
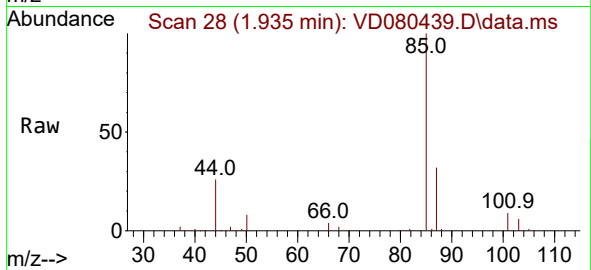




#2
Dichlorodifluoromethane
Concen: 22.66 ug/L
RT: 1.935 min Scan# 28
Delta R.T. 0.000 min
Lab File: VD080439.D
Acq: 13 Jun 2025 14:45

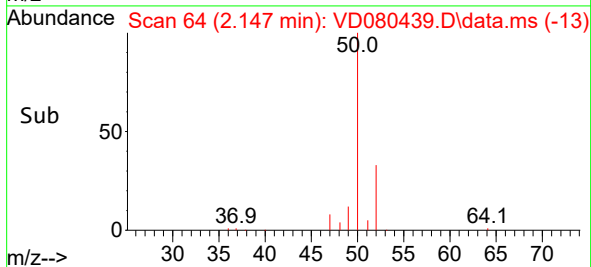
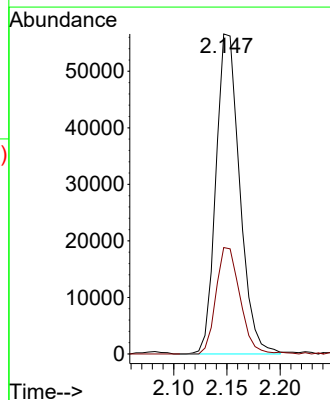
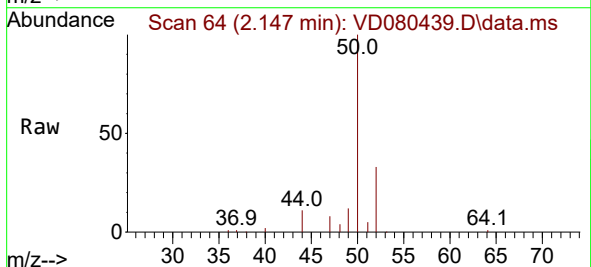
Instrument :
MSVOA_D
ClientSampleId :
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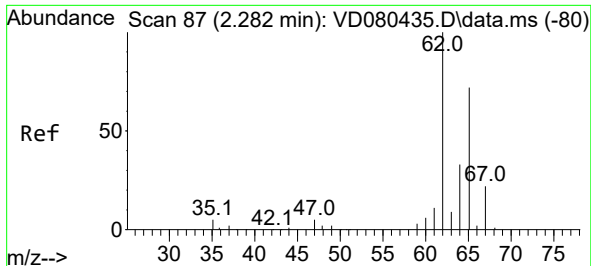
Tgt Ion: 85 Resp: 86924
Ion Ratio Lower Upper
85 100
87 32.3 26.2 39.4



#3
Chloromethane
Concen: 23.18 ug/L
RT: 2.147 min Scan# 64
Delta R.T. -0.000 min
Lab File: VD080439.D
Acq: 13 Jun 2025 14:45

Tgt Ion: 50 Resp: 87768
Ion Ratio Lower Upper
50 100
52 33.3 22.9 42.5

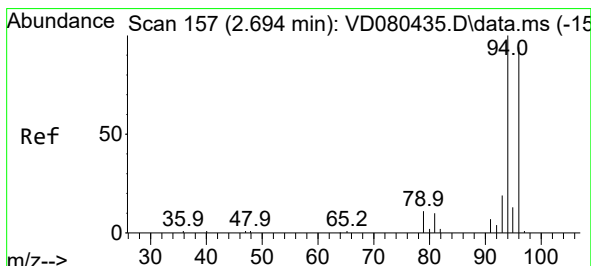
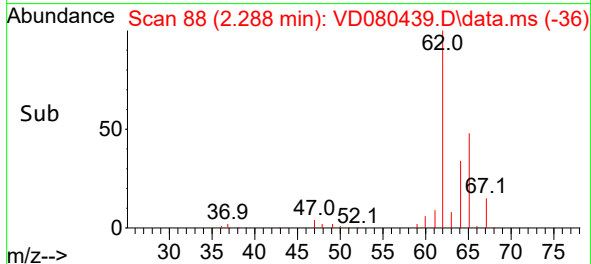
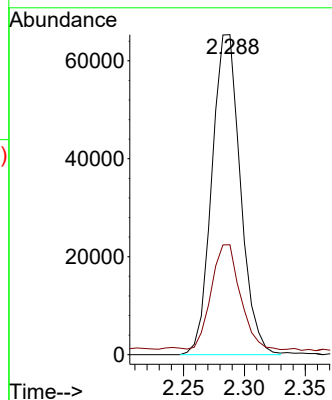
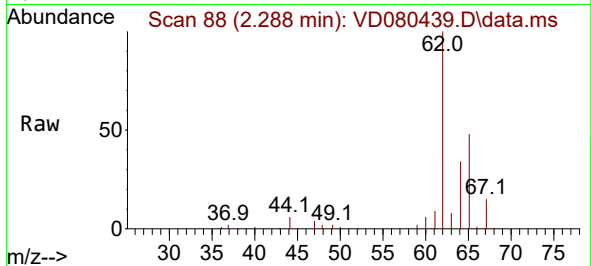




#5
 Vinyl chloride
 Concen: 23.74 ug/L
 RT: 2.288 min Scan# 87
 Delta R.T. 0.006 min
 Lab File: VD080439.D
 Acq: 13 Jun 2025 14:45

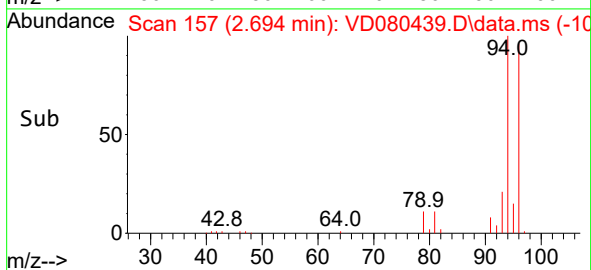
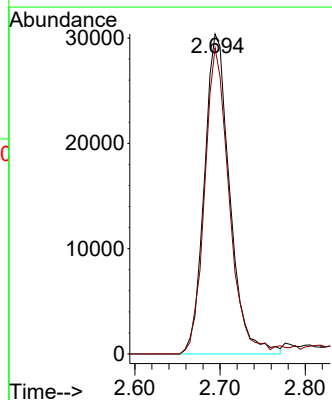
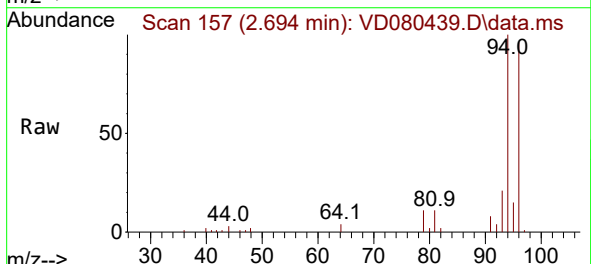
Instrument :
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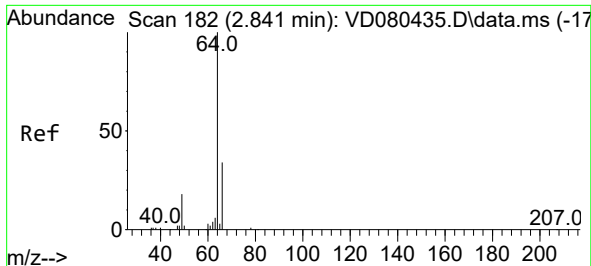
Tgt Ion: 62 Resp: 106559
 Ion Ratio Lower Upper
 62 100
 64 34.3 24.4 45.4



#6
 Bromomethane
 Concen: 26.41 ug/L
 RT: 2.694 min Scan# 157
 Delta R.T. 0.000 min
 Lab File: VD080439.D
 Acq: 13 Jun 2025 14:45

Tgt Ion: 94 Resp: 62948
 Ion Ratio Lower Upper
 94 100
 96 95.7 65.5 121.7

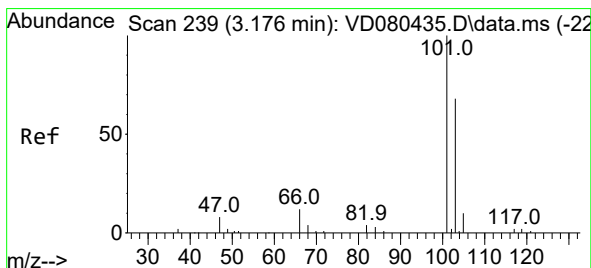
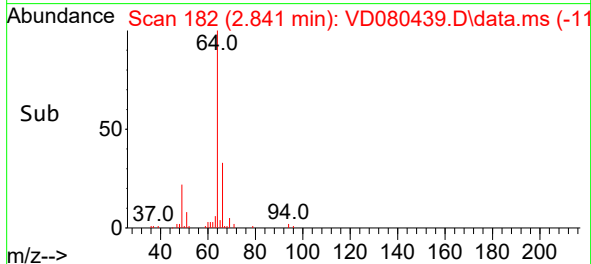
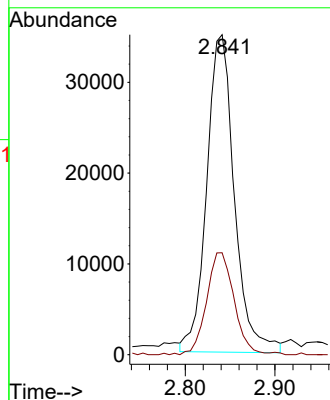
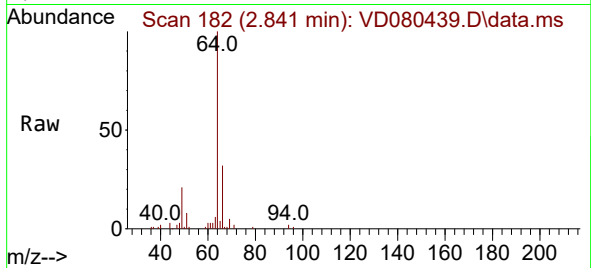




#8
Chloroethane
Concen: 24.85 ug/L
RT: 2.841 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD080439.D
Acq: 13 Jun 2025 14:45

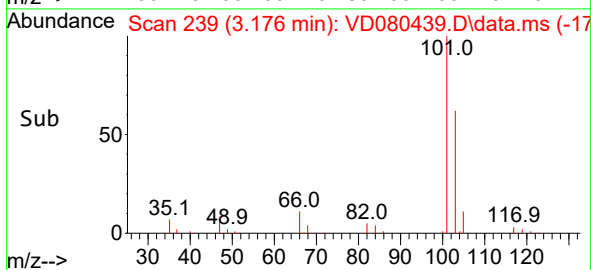
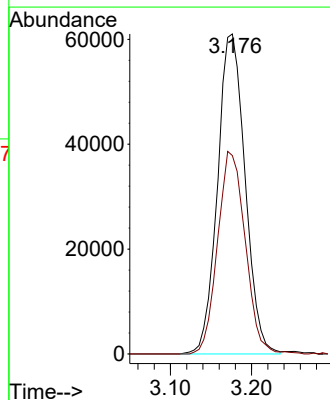
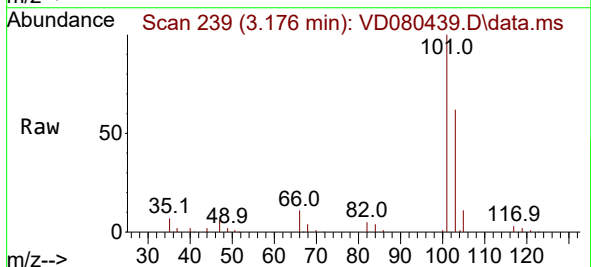
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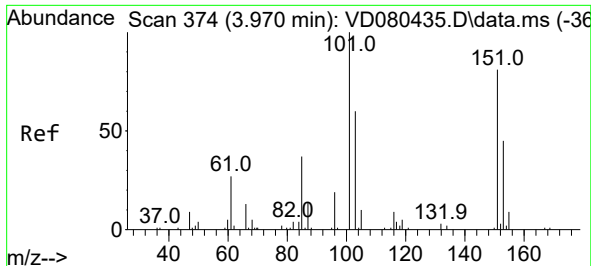
Tgt Ion: 64 Resp: 75025
Ion Ratio Lower Upper
64 100
66 31.9 23.3 43.3



#9
Trichlorofluoromethane
Concen: 24.17 ug/L
RT: 3.176 min Scan# 239
Delta R.T. 0.000 min
Lab File: VD080439.D
Acq: 13 Jun 2025 14:45

Tgt Ion:101 Resp: 143976
Ion Ratio Lower Upper
101 100
103 63.3 51.4 77.0

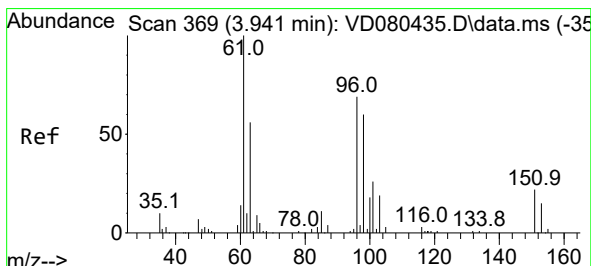
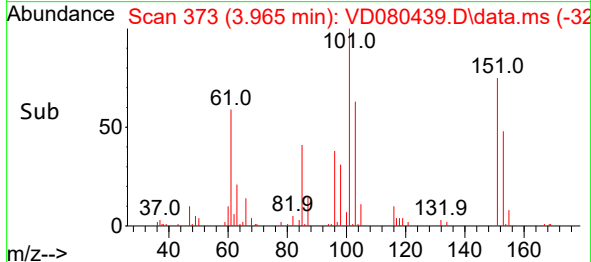
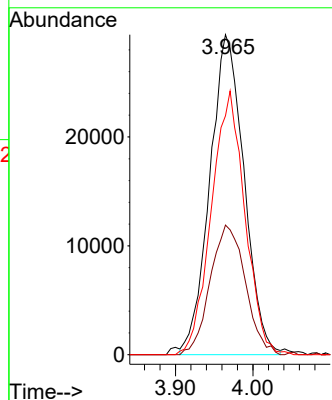
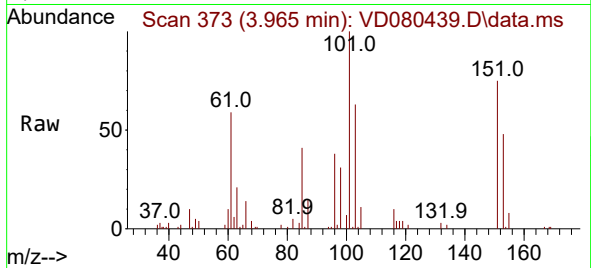




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.14 ug/L
 RT: 3.965 min Scan# 31
 Delta R.T. -0.005 min
 Lab File: VD080439.D
 Acq: 13 Jun 2025 14:45

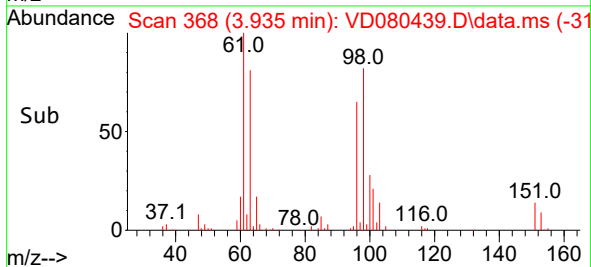
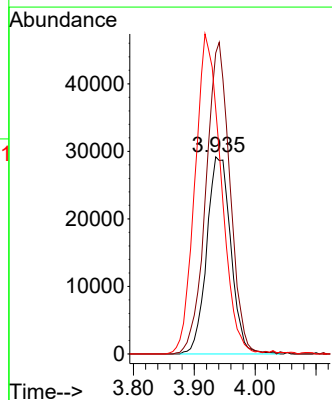
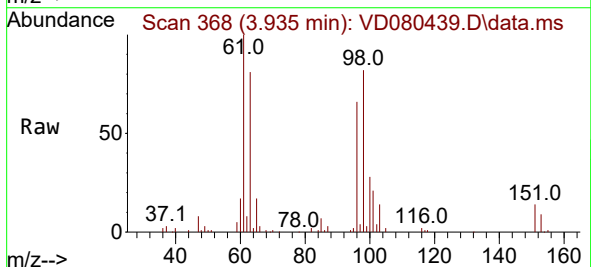
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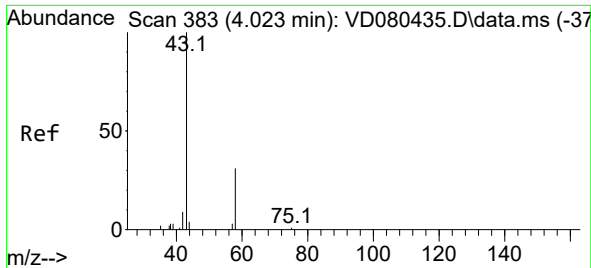
Tgt Ion:101 Resp: 90156
 Ion Ratio Lower Upper
 101 100
 85 41.5 33.3 49.9
 151 80.5 66.3 99.5



#12
 1,1-Dichloroethene
 Concen: 24.85 ug/L
 RT: 3.935 min Scan# 368
 Delta R.T. -0.006 min
 Lab File: VD080439.D
 Acq: 13 Jun 2025 14:45

Tgt Ion: 96 Resp: 80226
 Ion Ratio Lower Upper
 96 100
 61 152.6 103.0 191.2
 63 124.2 66.8 124.0#





#13

Acetone

Concen: 43.03 ug/L

RT: 4.023 min Scan# 383

Delta R.T. 0.000 min

Lab File: VD080439.D

Acq: 13 Jun 2025 14:45

Instrument :

MSVOA_D

ClientSampleId :

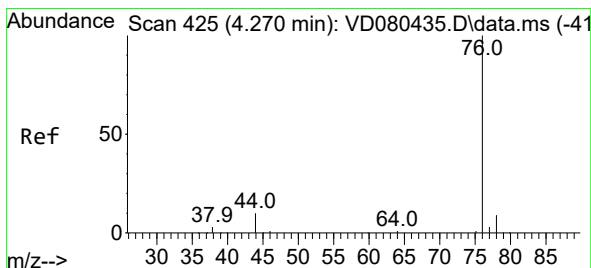
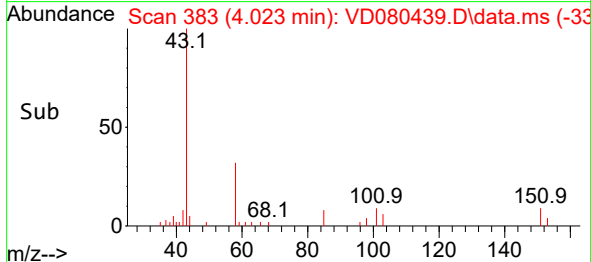
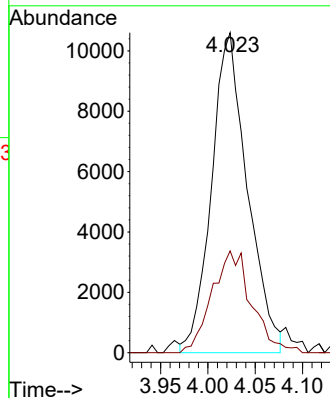
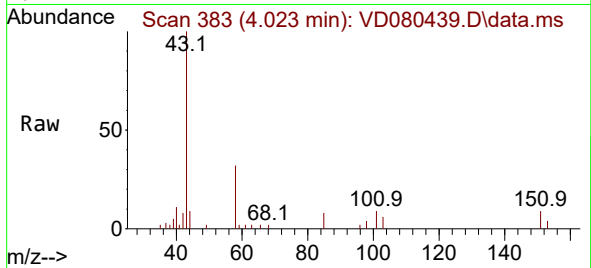
VICV881

Tgt Ion: 43 Resp: 27974

Ion Ratio Lower Upper

43 100

58 21.9 0.0 64.4



#14

Carbon disulfide

Concen: 24.17 ug/L

RT: 4.270 min Scan# 425

Delta R.T. 0.000 min

Lab File: VD080439.D

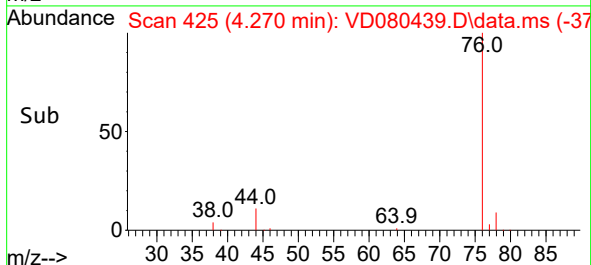
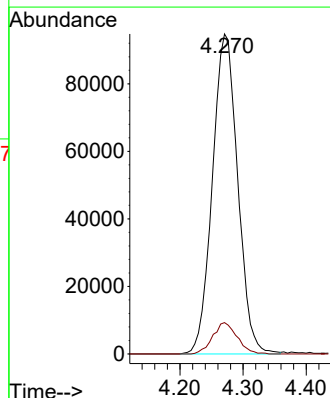
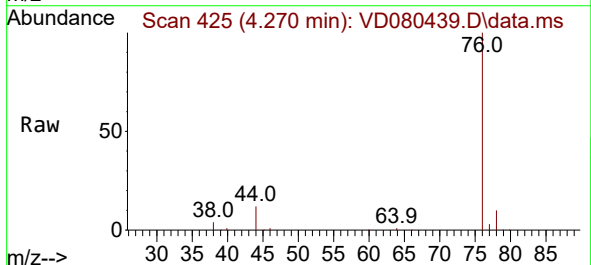
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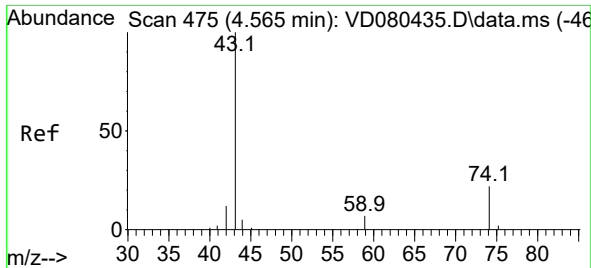
Tgt Ion: 76 Resp: 264012

Ion Ratio Lower Upper

76 100

78 9.8 7.2 10.8

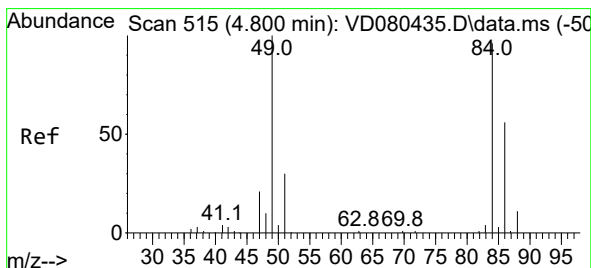
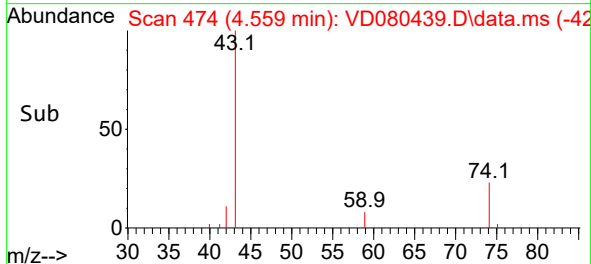
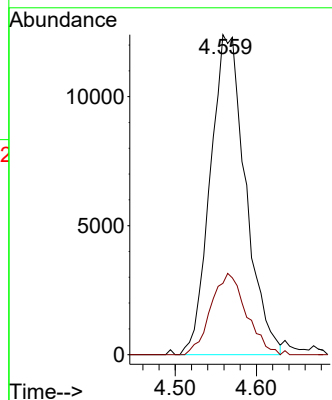
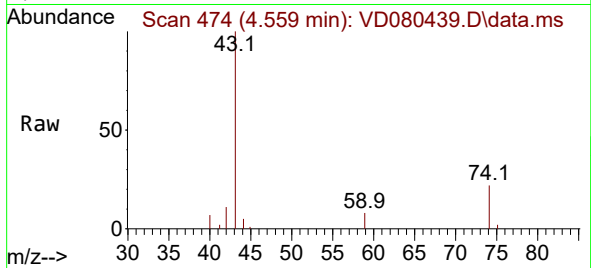




#15
Methyl Acetate
Concen: 23.88 ug/L
RT: 4.559 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD080439.D
Acq: 13 Jun 2025 14:45

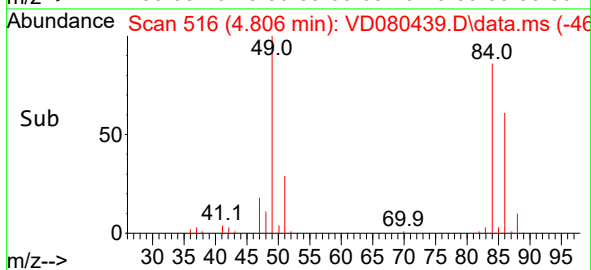
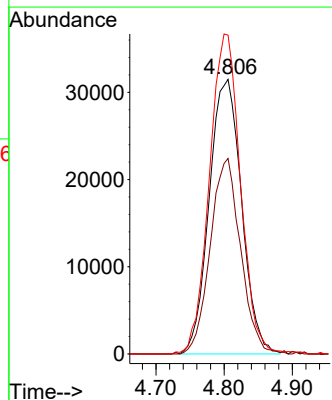
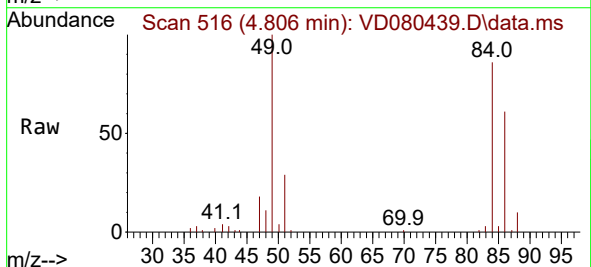
Instrument :
MSVOA_D
ClientSampleId :
VICV881

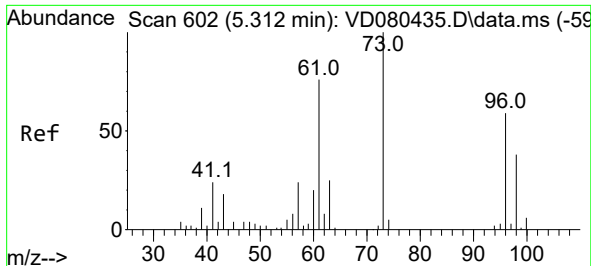
Tgt Ion: 43 Resp: 37371
Ion Ratio Lower Upper
43 100
74 25.5 19.2 28.8



#16
Methylene chloride
Concen: 19.44 ug/L
RT: 4.806 min Scan# 516
Delta R.T. 0.006 min
Lab File: VD080439.D
Acq: 13 Jun 2025 14:45

Tgt Ion: 84 Resp: 104074
Ion Ratio Lower Upper
84 100
86 71.2 40.9 75.9
49 116.2 72.8 135.2

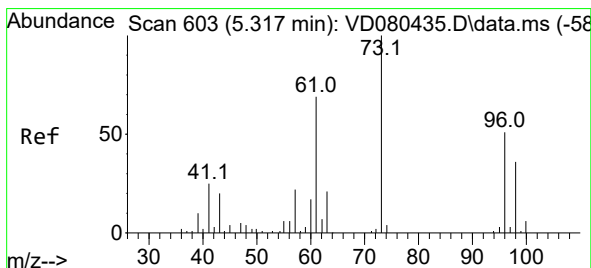
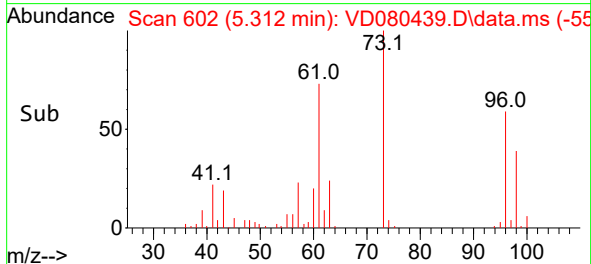
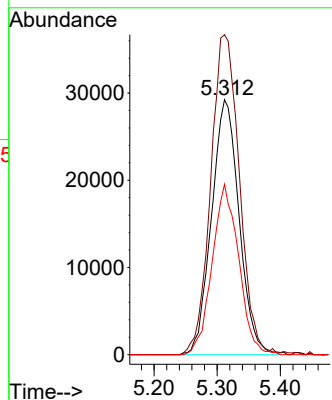
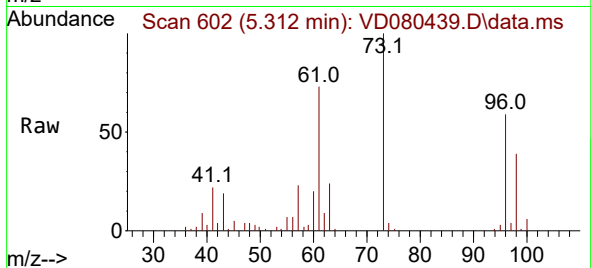




#17
trans-1,2-Dichloroethene
Concen: 24.53 ug/L
RT: 5.312 min Scan# 602
Delta R.T. -0.000 min
Lab File: VD080439.D
Acq: 13 Jun 2025 14:45

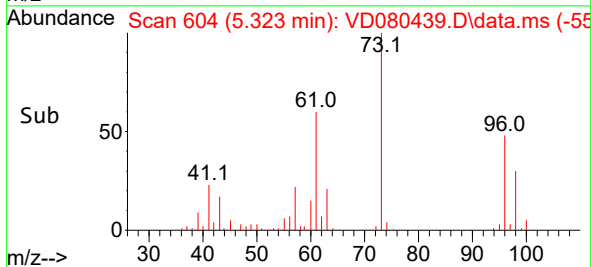
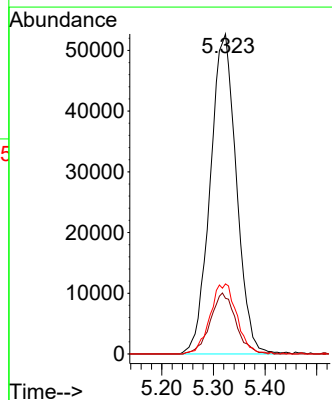
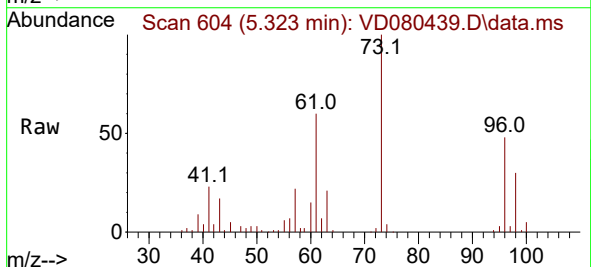
Instrument :
MSVOA_D
ClientSampleId :
VICV881

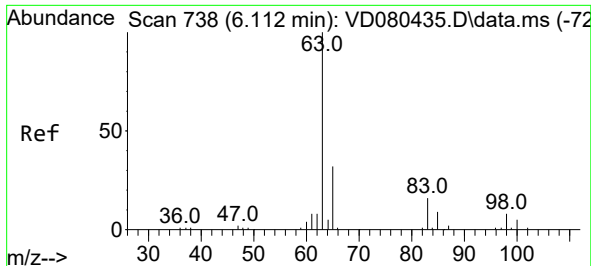
Tgt Ion: 96 Resp: 88792
Ion Ratio Lower Upper
96 100
61 125.5 89.9 167.0
98 66.8 44.6 82.8



#18
Methyl tert-butyl Ether
Concen: 26.17 ug/L
RT: 5.323 min Scan# 604
Delta R.T. 0.006 min
Lab File: VD080439.D
Acq: 13 Jun 2025 14:45

Tgt Ion: 73 Resp: 185379
Ion Ratio Lower Upper
73 100
43 18.6 14.6 22.0
57 11.4 11.2 16.8

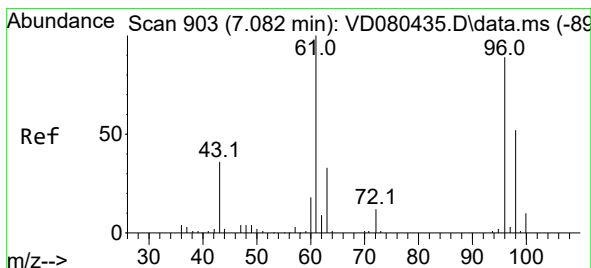
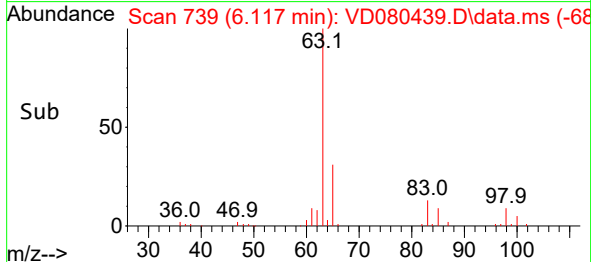
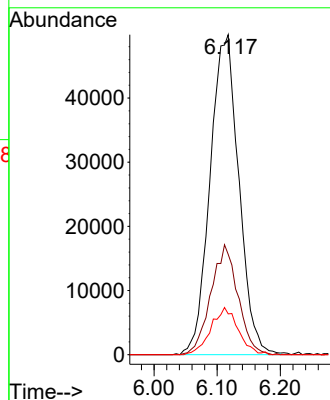
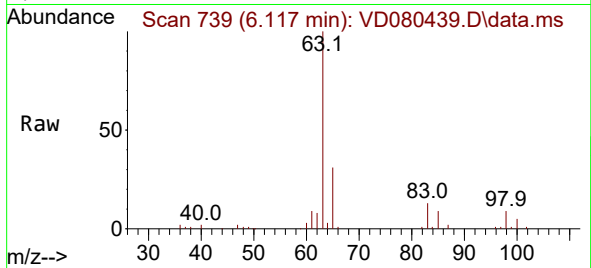




#19
1,1-Dichloroethane
Concen: 25.04 ug/L
RT: 6.117 min Scan# 719
Delta R.T. 0.005 min
Lab File: VD080439.D
Acq: 13 Jun 2025 14:45

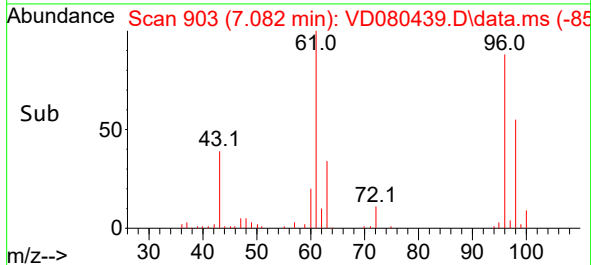
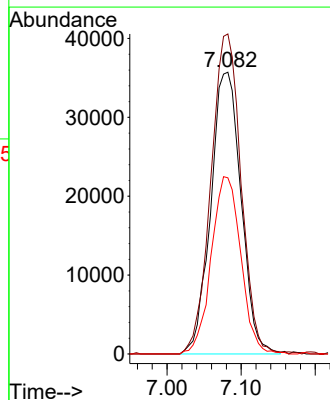
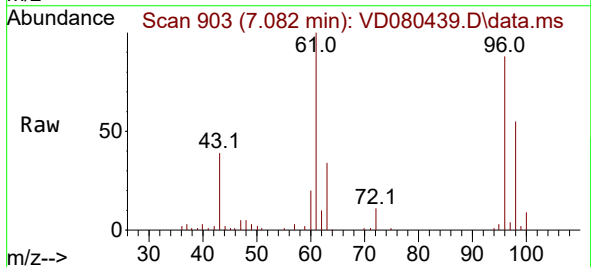
Instrument :
MSVOA_D
ClientSampleId :
VICV881

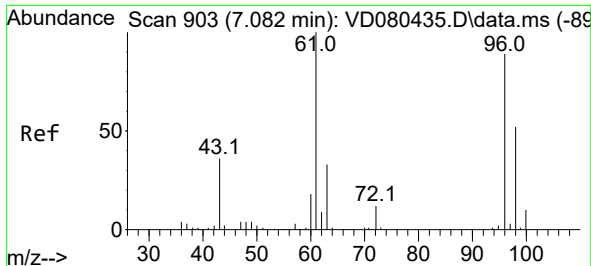
Tgt Ion: 63 Resp: 157723
Ion Ratio Lower Upper
63 100
65 31.4 22.1 41.1
83 12.7 11.2 20.8



#20
cis-1,2-Dichloroethene
Concen: 26.23 ug/L
RT: 7.082 min Scan# 903
Delta R.T. 0.000 min
Lab File: VD080439.D
Acq: 13 Jun 2025 14:45

Tgt Ion: 96 Resp: 101450
Ion Ratio Lower Upper
96 100
61 113.6 79.2 147.2
98 62.5 41.3 76.7

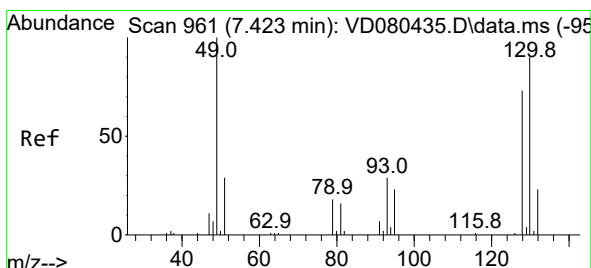
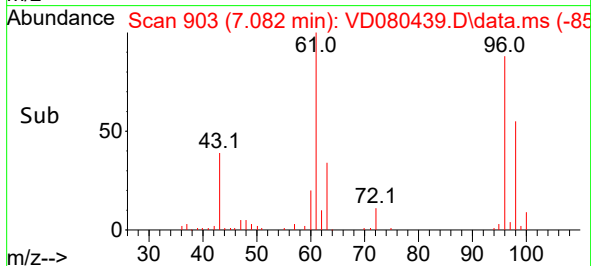
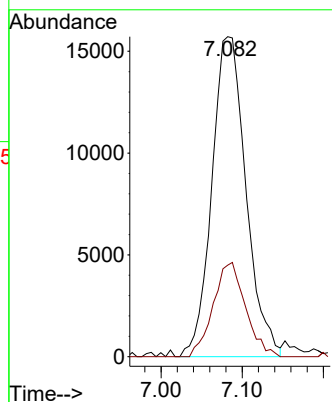
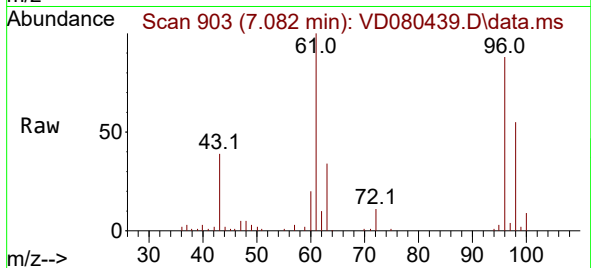




#22
2-Butanone
Concen: 51.70 ug/L
RT: 7.082 min Scan# 903
Delta R.T. 0.000 min
Lab File: VD080439.D
Acq: 13 Jun 2025 14:45

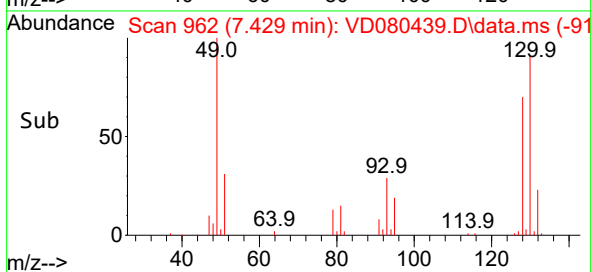
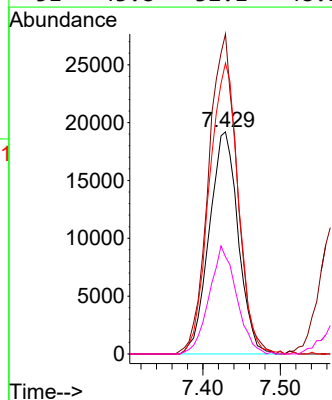
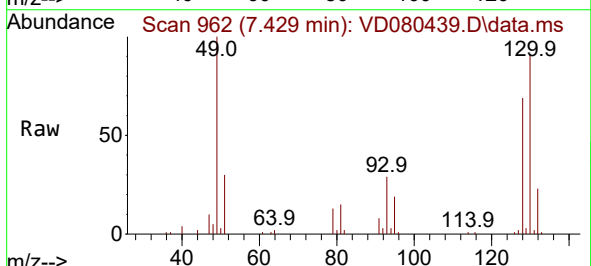
Instrument :
MSVOA_D
ClientSampleId :
VICV881

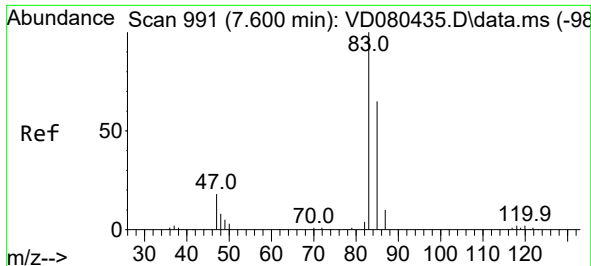
Tgt Ion: 43 Resp: 45903
Ion Ratio Lower Upper
43 100
72 27.9 14.4 43.2



#23
Bromochloromethane
Concen: 25.24 ug/L
RT: 7.429 min Scan# 962
Delta R.T. 0.006 min
Lab File: VD080439.D
Acq: 13 Jun 2025 14:45

Tgt Ion:128 Resp: 49869
Ion Ratio Lower Upper
128 100
49 144.1 97.5 181.1
130 131.0 87.5 162.5
51 43.8 32.1 48.1

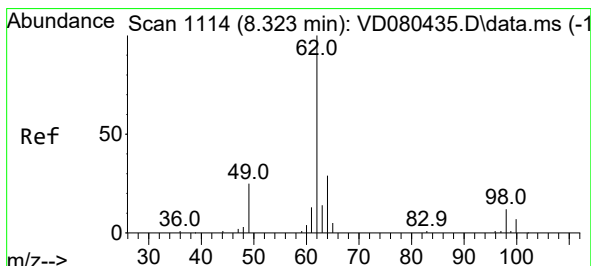
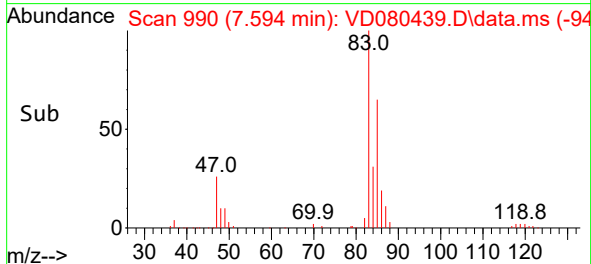
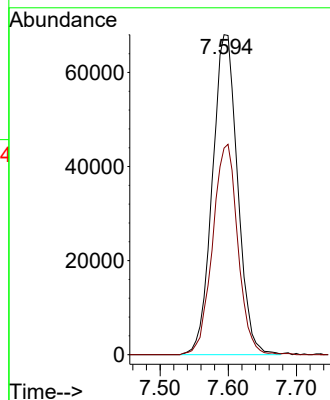
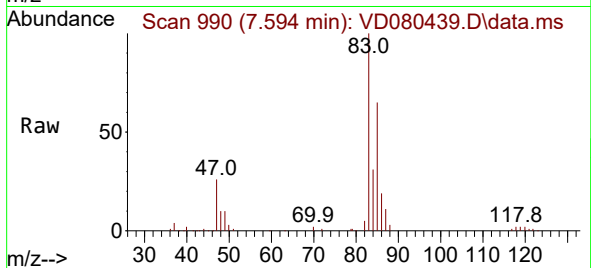




#25
Chloroform
Concen: 25.03 ug/L
RT: 7.594 min Scan# 991
Delta R.T. -0.006 min
Lab File: VD080439.D
Acq: 13 Jun 2025 14:45

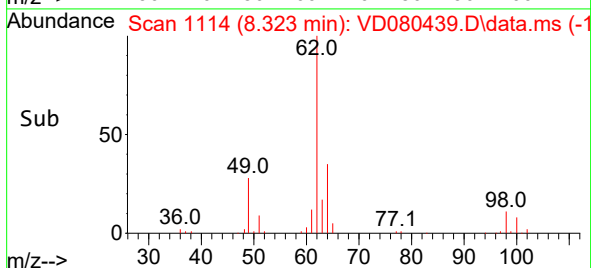
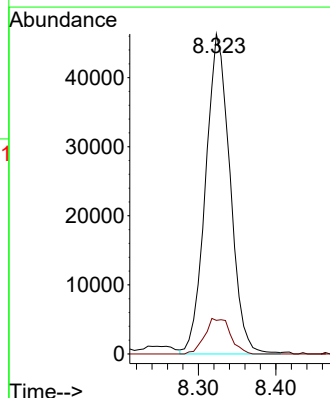
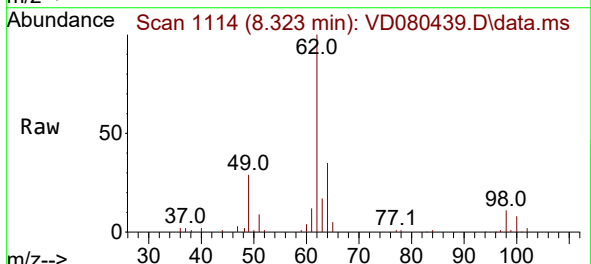
Instrument :
MSVOA_D
ClientSampleId :
VICV881

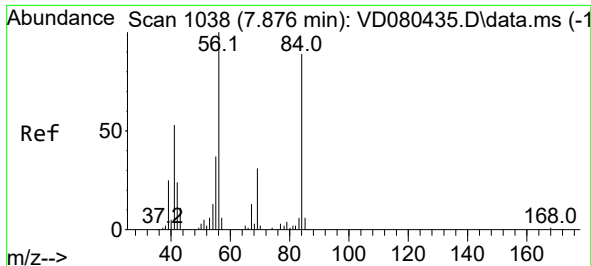
Tgt Ion: 83 Resp: 175233
Ion Ratio Lower Upper
83 100
85 64.5 45.8 85.0



#27
1,2-Dichloroethane
Concen: 25.30 ug/L
RT: 8.323 min Scan# 1114
Delta R.T. 0.000 min
Lab File: VD080439.D
Acq: 13 Jun 2025 14:45

Tgt Ion: 62 Resp: 101496
Ion Ratio Lower Upper
62 100
98 10.5 9.7 14.5





#29

Cyclohexane

Concen: 26.67 ug/L

RT: 7.876 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VD080439.D

Acq: 13 Jun 2025 14:45

Instrument :

MSVOA_D

ClientSampleId :

VICV881

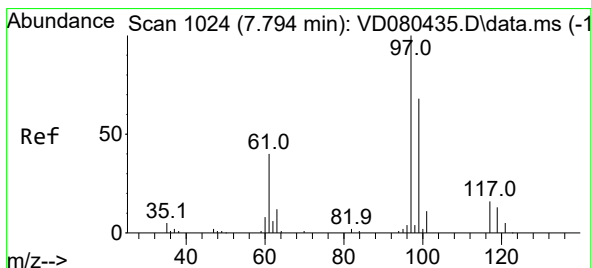
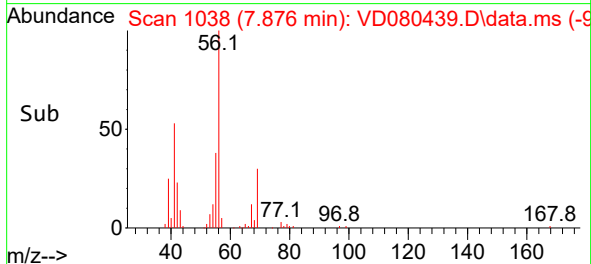
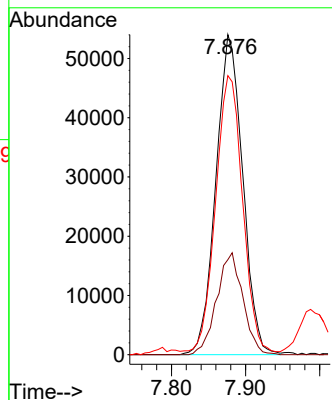
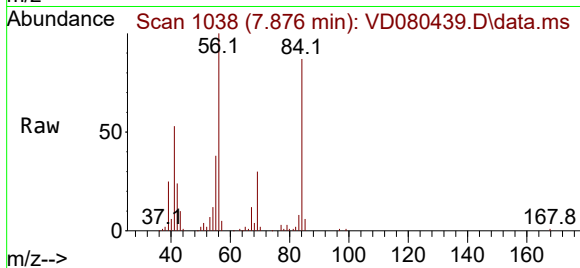
Tgt Ion: 56 Resp: 135770

Ion Ratio Lower Upper

56 100

69 31.1 25.4 38.0

84 88.7 72.4 108.6



#30

1,1,1-Trichloroethane

Concen: 24.81 ug/L

RT: 7.794 min Scan# 1024

Delta R.T. -0.000 min

Lab File: VD080439.D

Acq: 13 Jun 2025 14:45

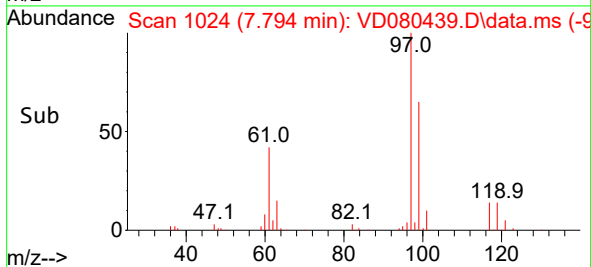
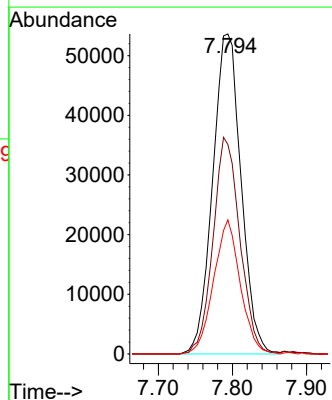
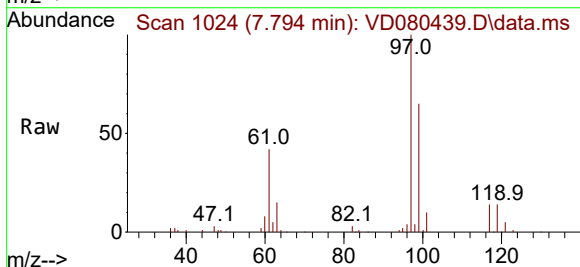
Tgt Ion: 97 Resp: 142860

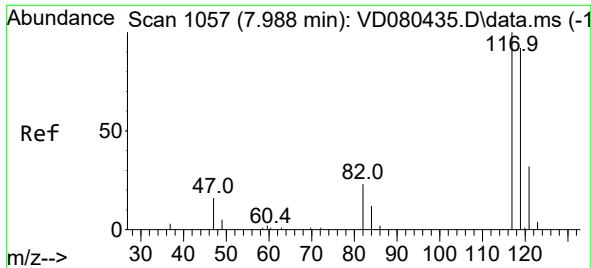
Ion Ratio Lower Upper

97 100

99 63.8 52.6 79.0

61 39.4 32.0 48.0

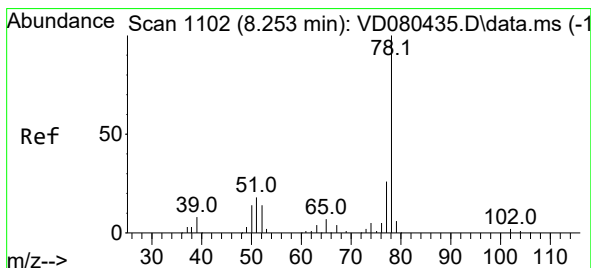
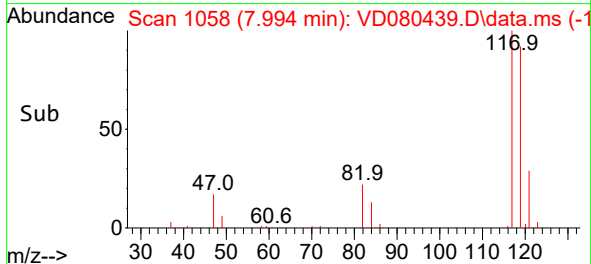
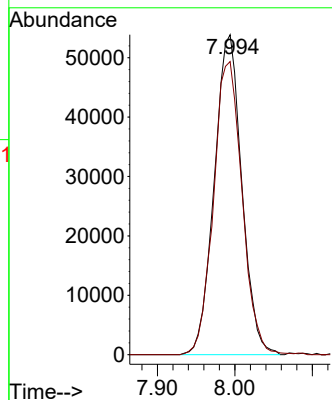
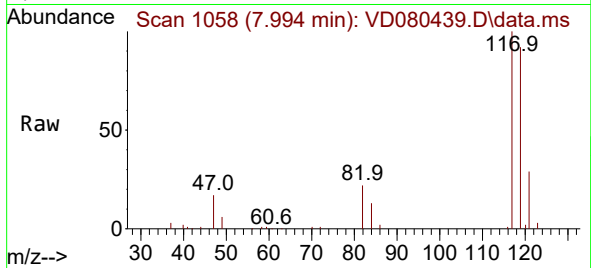




#31
Carbon tetrachloride
Concen: 24.79 ug/L
RT: 7.994 min Scan# 1101
Delta R.T. 0.006 min
Lab File: VD080439.D
Acq: 13 Jun 2025 14:45

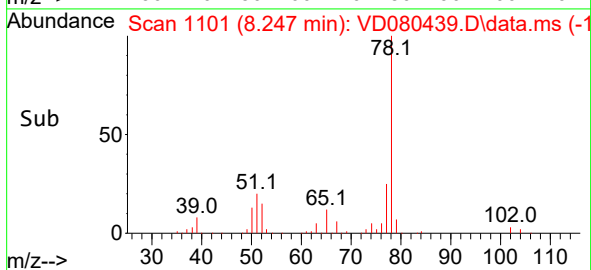
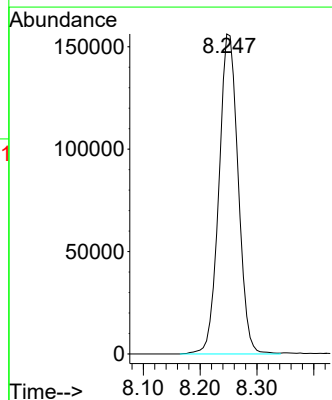
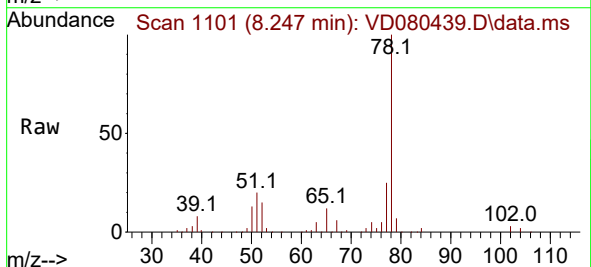
Instrument :
MSVOA_D
ClientSampleId :
VICV881

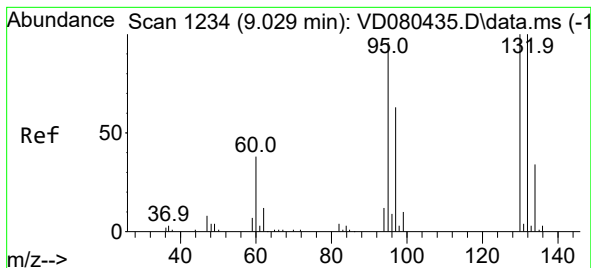
Tgt Ion:117 Resp: 133065
Ion Ratio Lower Upper
117 100
119 95.2 77.0 115.6



#33
Benzene
Concen: 26.11 ug/L
RT: 8.247 min Scan# 1101
Delta R.T. -0.006 min
Lab File: VD080439.D
Acq: 13 Jun 2025 14:45

Tgt Ion: 78 Resp: 367865





#34

Trichloroethene

Concen: 24.17 ug/L

RT: 9.029 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD080439.D

Acq: 13 Jun 2025 14:45

Instrument :

MSVOA_D

ClientSampleId :

VICV881

Tgt Ion: 95 Resp: 95254

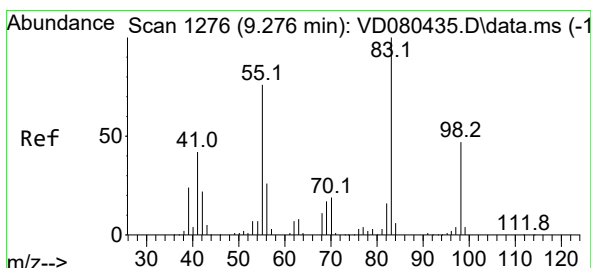
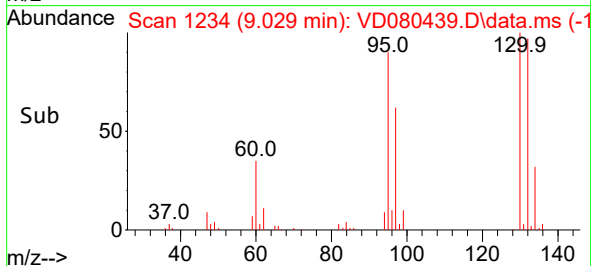
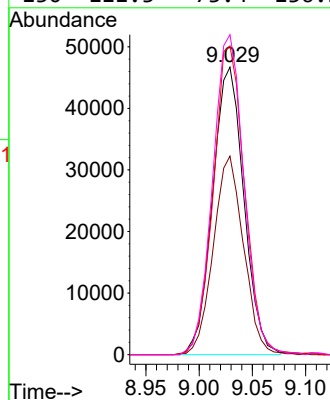
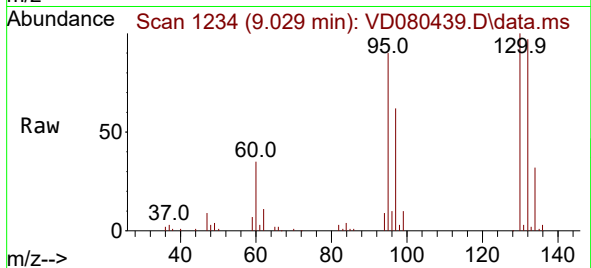
Ion Ratio Lower Upper

95 100

97 69.1 46.3 85.9

132 107.4 72.9 135.3

130 111.3 73.4 136.2



#35

Methylcyclohexane

Concen: 25.78 ug/L

RT: 9.270 min Scan# 1275

Delta R.T. -0.006 min

Lab File: VD080439.D

Acq: 13 Jun 2025 14:45

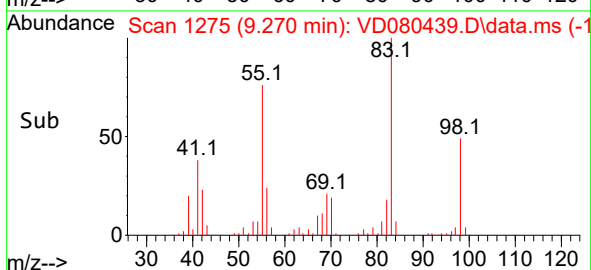
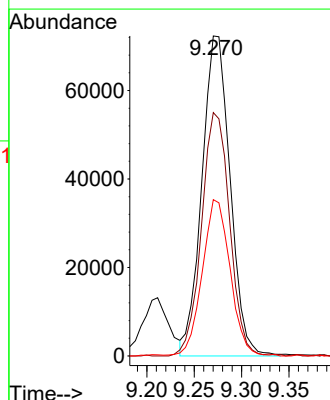
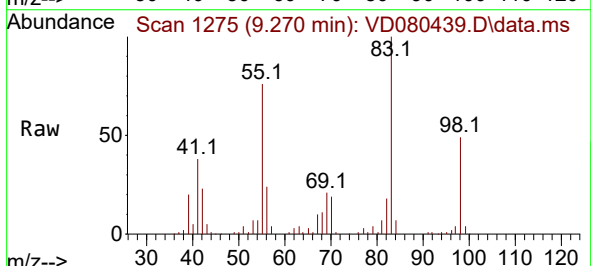
Tgt Ion: 83 Resp: 149861

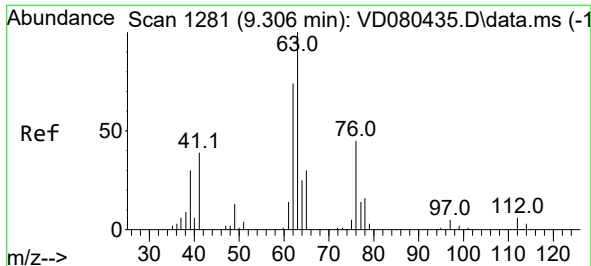
Ion Ratio Lower Upper

83 100

55 75.5 60.4 90.6

98 48.2 38.5 57.7





#37

1,2-Dichloropropane

Concen: 26.28 ug/L

RT: 9.300 min Scan# 1281

Delta R.T. -0.006 min

Lab File: VD080439.D

Acq: 13 Jun 2025 14:45

Instrument :

MSVOA_D

ClientSampleId :

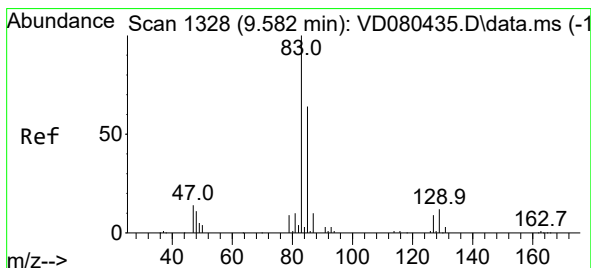
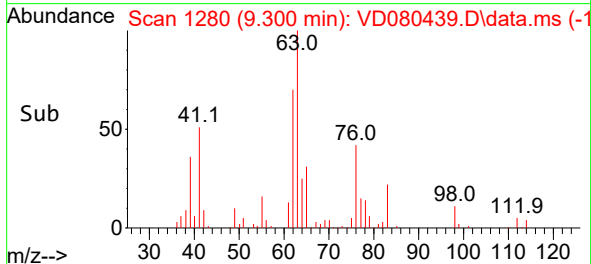
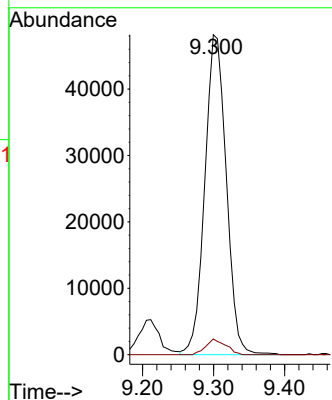
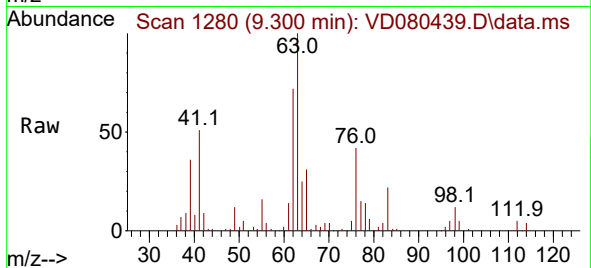
VICV881

Tgt Ion: 63 Resp: 101351

Ion Ratio Lower Upper

63 100

112 4.5 3.9 5.9



#38

Bromodichloromethane

Concen: 24.99 ug/L

RT: 9.582 min Scan# 1328

Delta R.T. -0.000 min

Lab File: VD080439.D

Acq: 13 Jun 2025 14:45

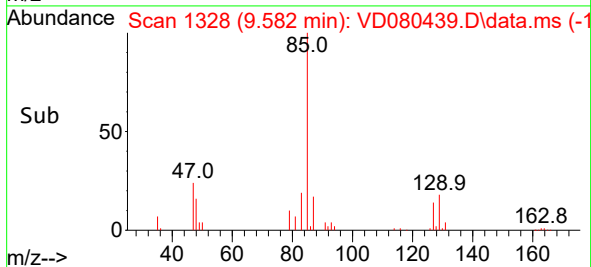
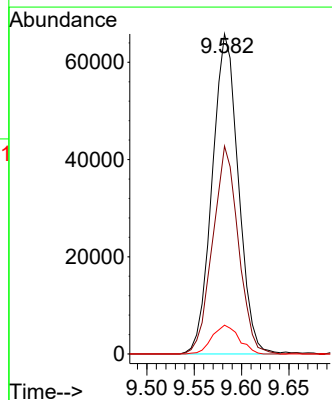
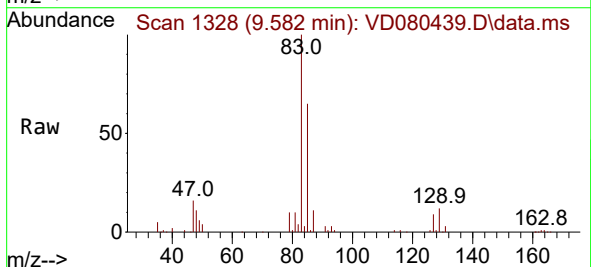
Tgt Ion: 83 Resp: 126156

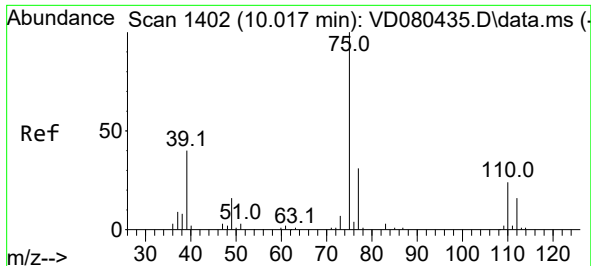
Ion Ratio Lower Upper

83 100

85 64.9 44.7 83.1

127 9.0 7.6 11.4





#39

cis-1,3-Dichloropropene

Concen: 25.51 ug/L

RT: 10.017 min Scan# 1402

Delta R.T. 0.000 min

Lab File: VD080439.D

Acq: 13 Jun 2025 14:45

Instrument :

MSVOA_D

ClientSampleId :

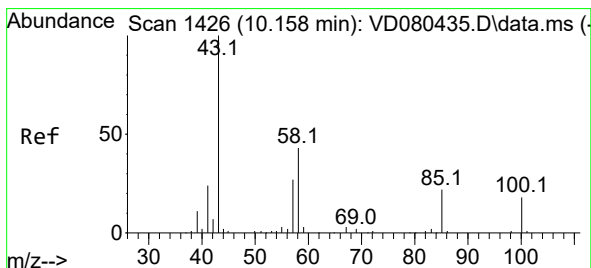
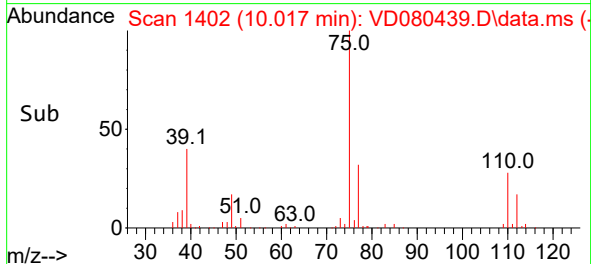
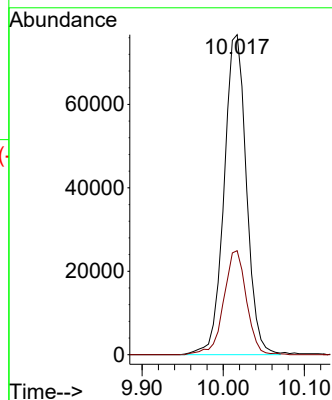
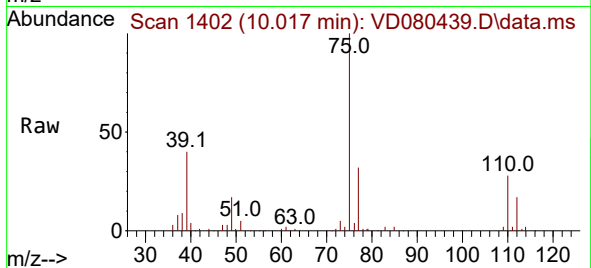
VICV881

Tgt Ion: 75 Resp: 146784

Ion Ratio Lower Upper

75 100

77 32.5 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 55.21 ug/L

RT: 10.158 min Scan# 1426

Delta R.T. 0.000 min

Lab File: VD080439.D

Acq: 13 Jun 2025 14:45

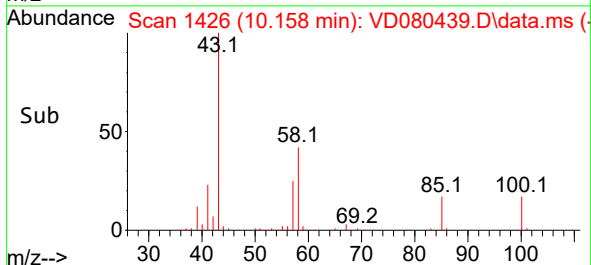
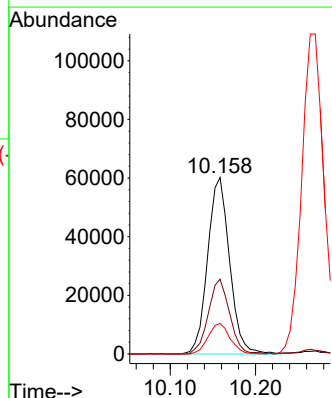
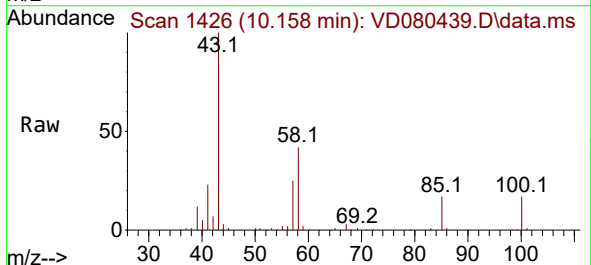
Tgt Ion: 43 Resp: 107866

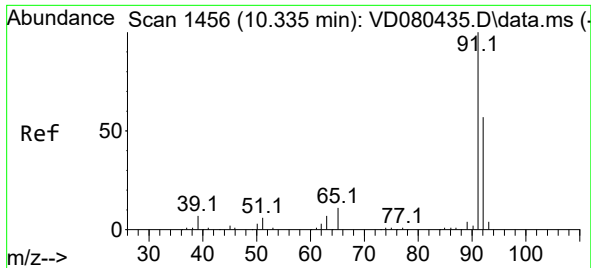
Ion Ratio Lower Upper

43 100

58 41.0 32.6 48.8

100 17.3 14.1 21.1

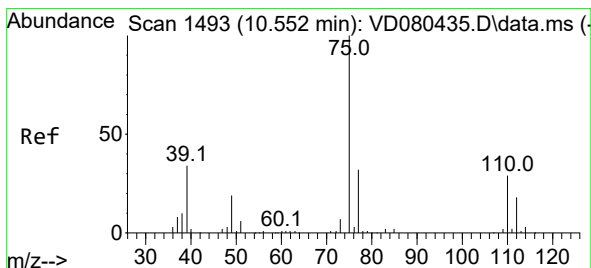
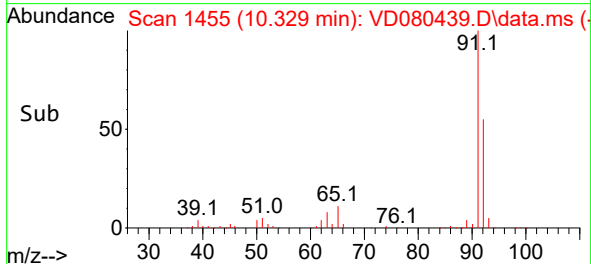
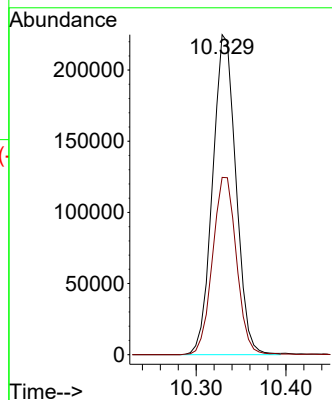
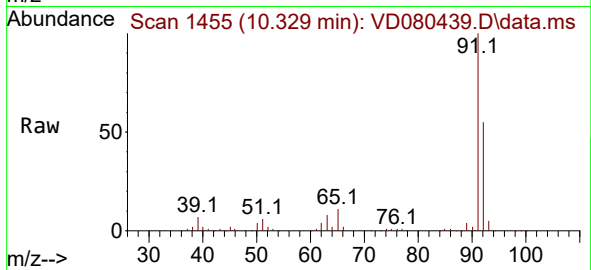




#42
Toluene
Concen: 26.28 ug/L
RT: 10.329 min Scan# 1455
Delta R.T. -0.006 min
Lab File: VD080439.D
Acq: 13 Jun 2025 14:45

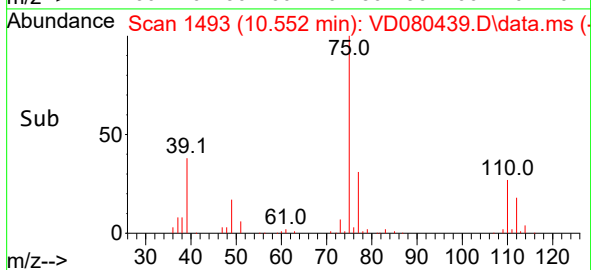
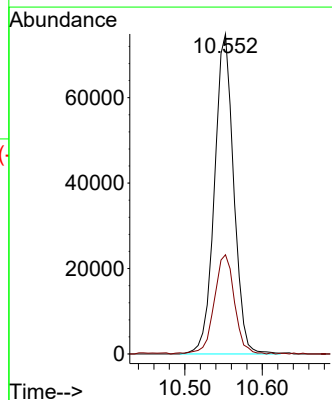
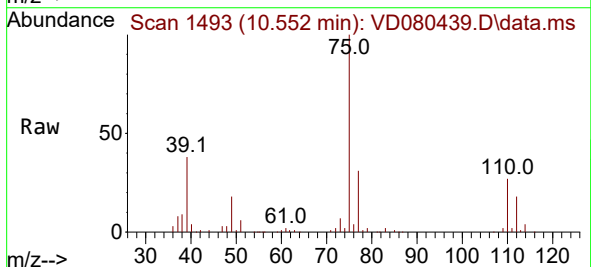
Instrument :
MSVOA_D
ClientSampleId :
VICV881

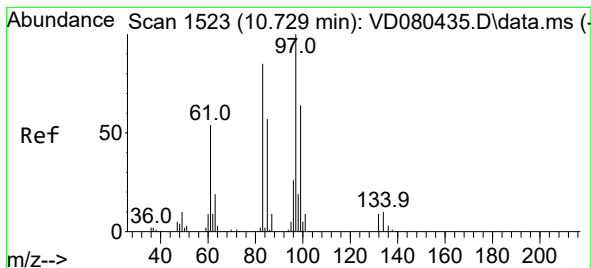
Tgt Ion: 91 Resp: 405985
Ion Ratio Lower Upper
91 100
92 55.4 39.7 73.7



#44
trans-1,3-Dichloropropene
Concen: 25.96 ug/L
RT: 10.552 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VD080439.D
Acq: 13 Jun 2025 14:45

Tgt Ion: 75 Resp: 128939
Ion Ratio Lower Upper
75 100
77 31.0 22.6 42.0





#45

1,1,2-Trichloroethane

Concen: 25.09 ug/L

RT: 10.729 min Scan# 1523

Delta R.T. -0.000 min

Lab File: VD080439.D

Acq: 13 Jun 2025 14:45

Instrument :

MSVOA_D

ClientSampleId :

VICV881

Tgt Ion: 97 Resp: 79154

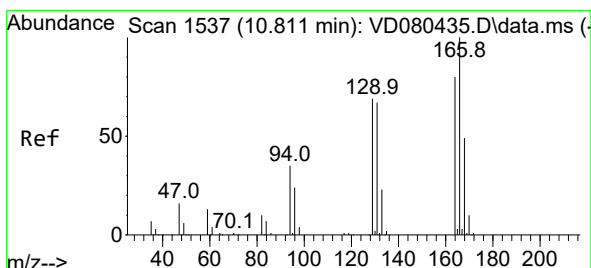
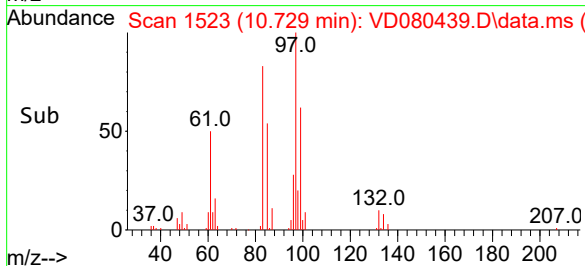
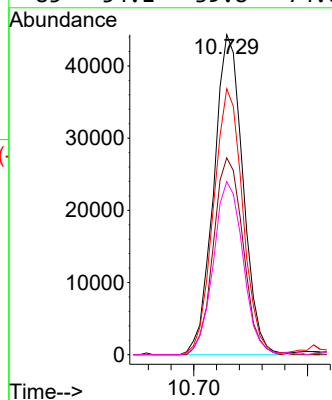
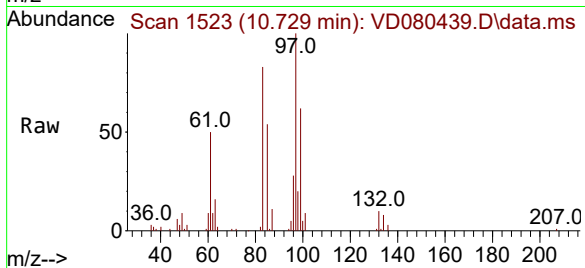
Ion Ratio Lower Upper

97 100

99 61.5 44.8 83.2

83 83.1 59.7 110.9

85 54.1 39.8 74.0



#46

Tetrachloroethene

Concen: 25.13 ug/L

RT: 10.805 min Scan# 1536

Delta R.T. -0.006 min

Lab File: VD080439.D

Acq: 13 Jun 2025 14:45

Tgt Ion:164 Resp: 86417

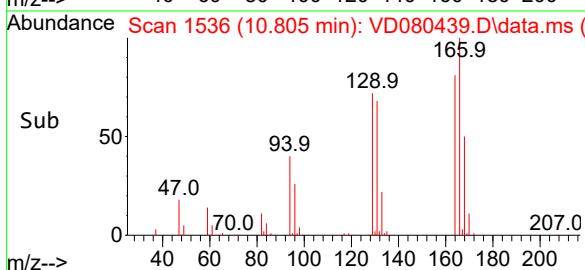
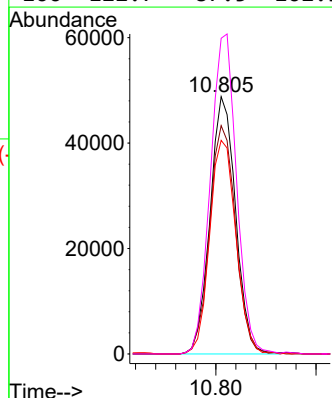
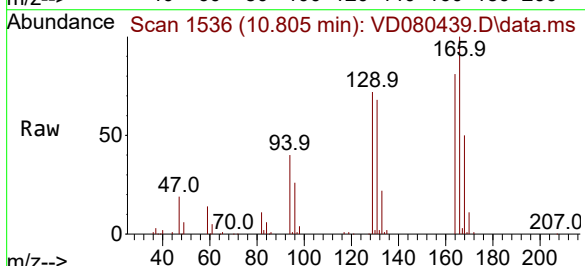
Ion Ratio Lower Upper

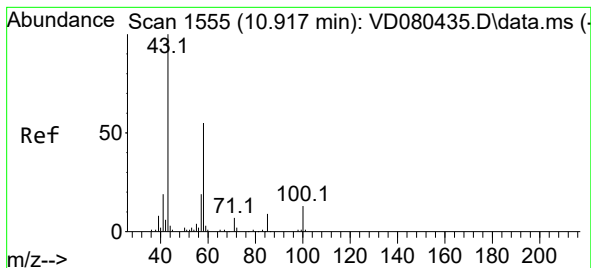
164 100

129 88.8 60.2 111.8

131 83.0 58.3 108.3

166 122.7 87.5 162.5





#48

2-Hexanone

Concen: 53.95 ug/L

RT: 10.917 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD080439.D

Acq: 13 Jun 2025 14:45

Instrument :

MSVOA_D

ClientSampleId :

VICV881

Tgt Ion: 43 Resp: 77334

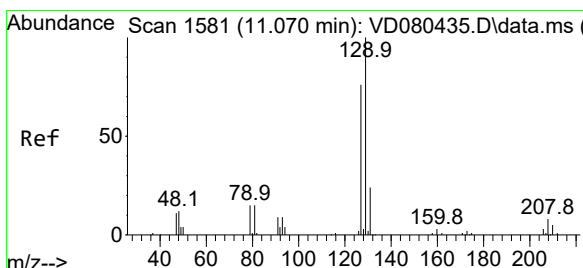
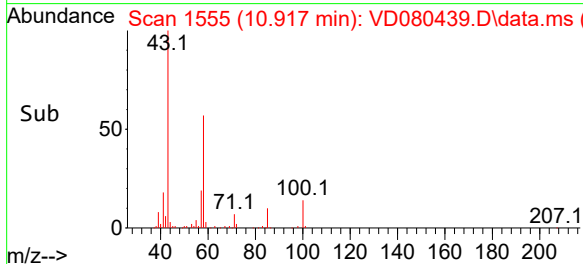
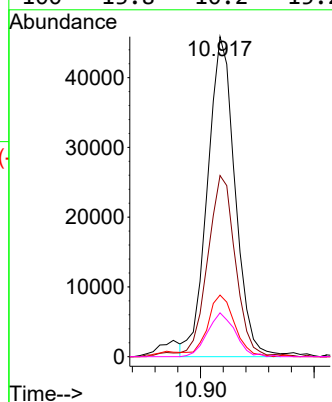
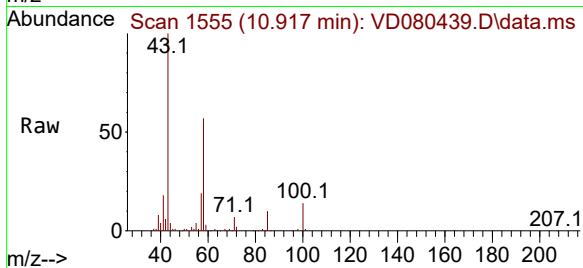
Ion Ratio Lower Upper

43 100

58 56.8 43.5 65.3

57 18.7 15.4 23.0

100 13.8 10.2 15.2



#49

Dibromochloromethane

Concen: 25.98 ug/L

RT: 11.070 min Scan# 1581

Delta R.T. 0.000 min

Lab File: VD080439.D

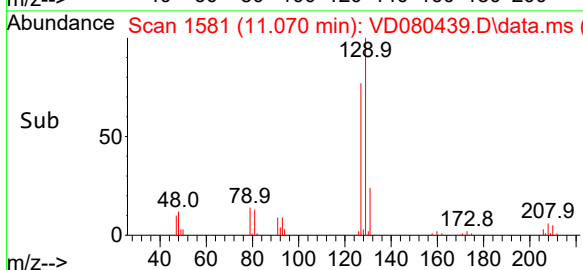
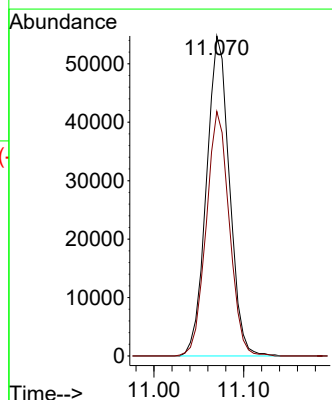
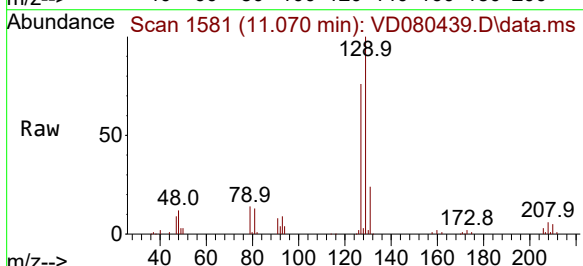
Acq: 13 Jun 2025 14:45

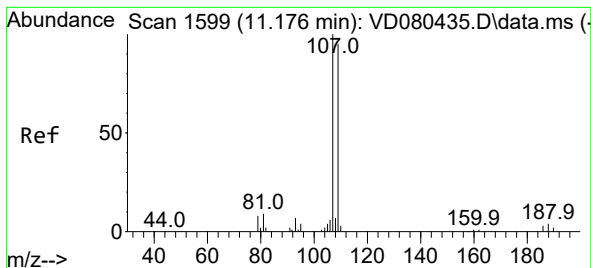
Tgt Ion: 129 Resp: 97409

Ion Ratio Lower Upper

129 100

127 76.4 53.3 98.9





#50

1,2-Dibromoethane

Concen: 25.61 ug/L

RT: 11.176 min Scan# 1599

Delta R.T. -0.000 min

Lab File: VD080439.D

Acq: 13 Jun 2025 14:45

Instrument :

MSVOA_D

ClientSampleId :

VICV881

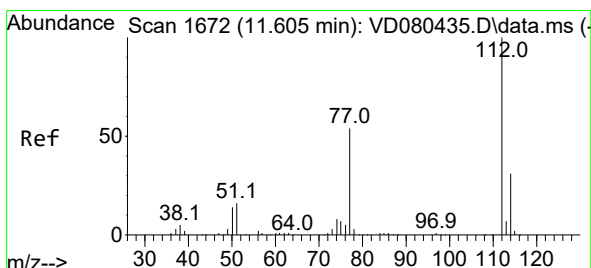
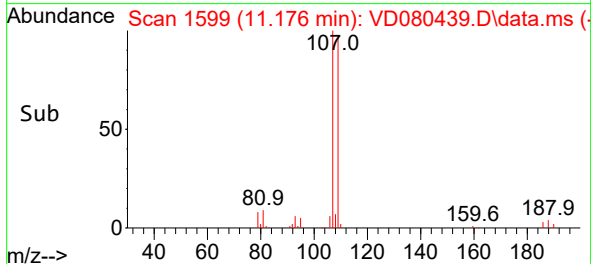
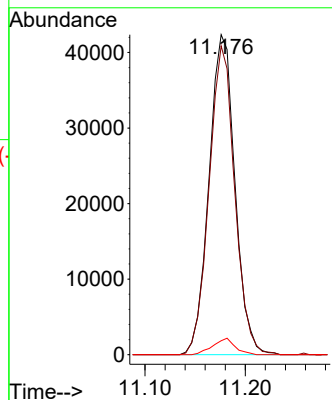
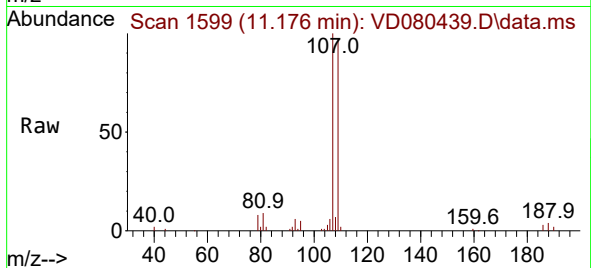
Tgt Ion:107 Resp: 76087

Ion Ratio Lower Upper

107 100

109 96.5 66.3 123.1

188 4.3 3.3 4.9



#51

Chlorobenzene

Concen: 25.04 ug/L

RT: 11.605 min Scan# 1672

Delta R.T. 0.000 min

Lab File: VD080439.D

Acq: 13 Jun 2025 14:45

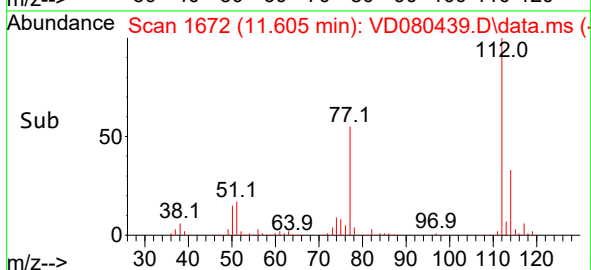
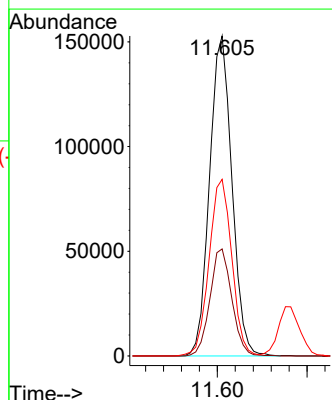
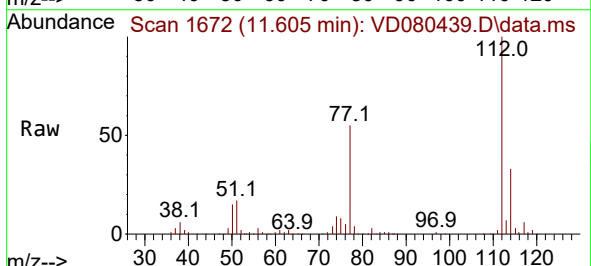
Tgt Ion:112 Resp: 264499

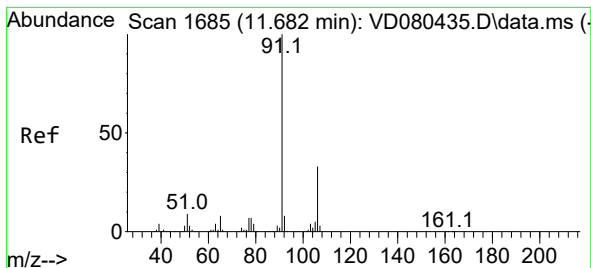
Ion Ratio Lower Upper

112 100

114 33.4 21.9 40.7

77 55.2 43.4 65.2

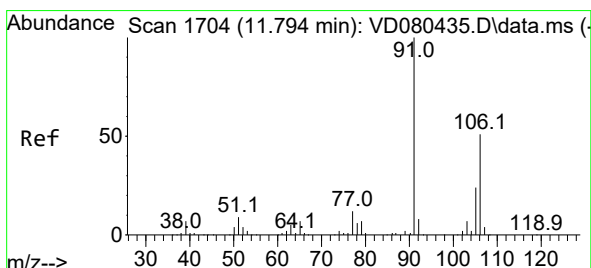
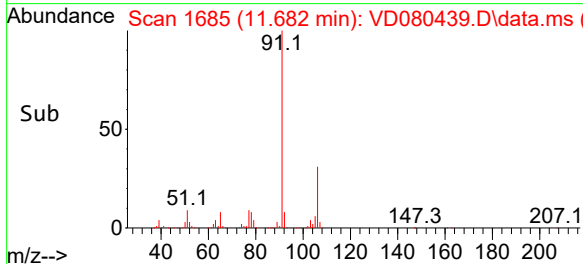
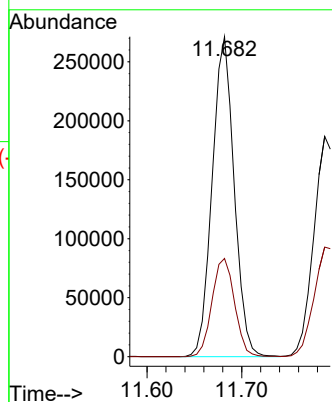
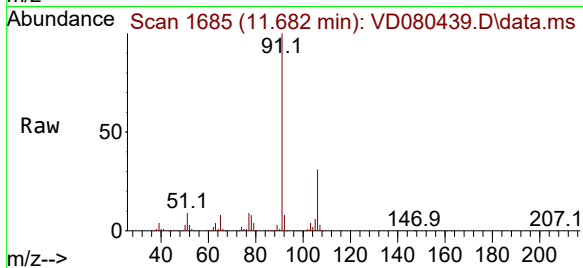




#52
Ethylbenzene
Concen: 26.31 ug/L
RT: 11.682 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD080439.D
Acq: 13 Jun 2025 14:45

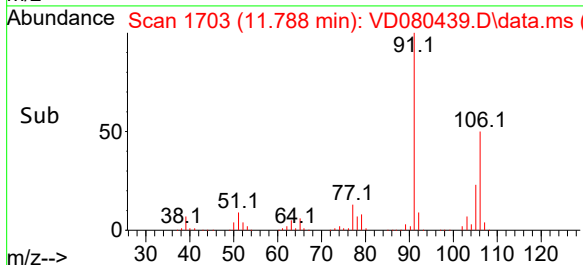
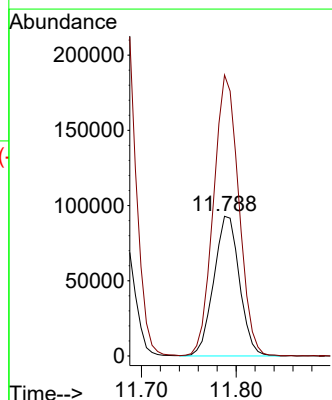
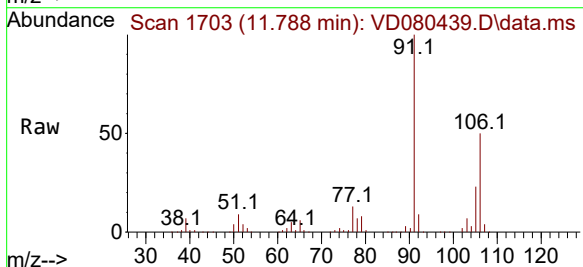
Instrument :
MSVOA_D
ClientSampleId :
VICV881

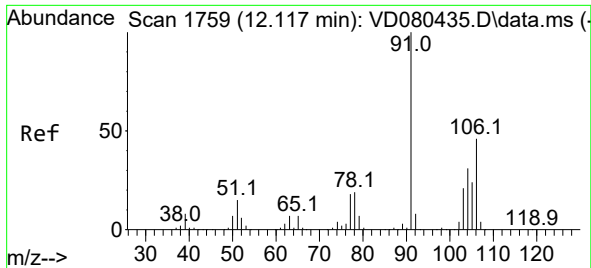
Tgt Ion: 91 Resp: 437419
Ion Ratio Lower Upper
91 100
106 30.7 23.0 42.6



#53
m,p-Xylene
Concen: 27.19 ug/L
RT: 11.788 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD080439.D
Acq: 13 Jun 2025 14:45

Tgt Ion: 106 Resp: 174812
Ion Ratio Lower Upper
106 100
91 201.1 136.8 254.2

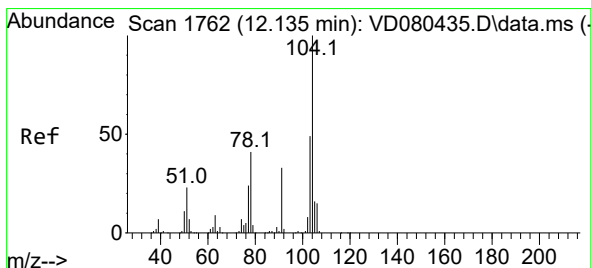
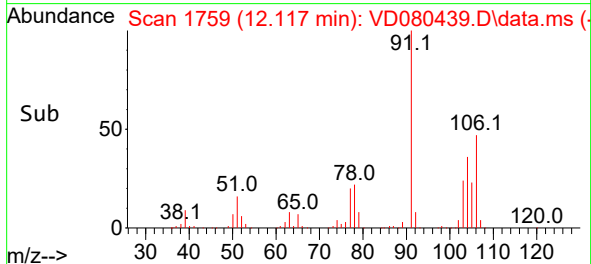
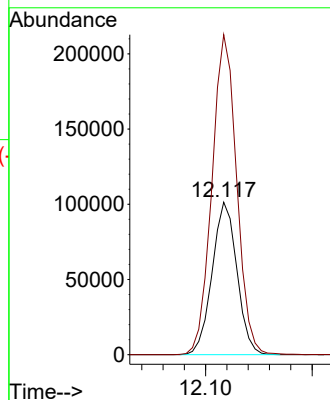
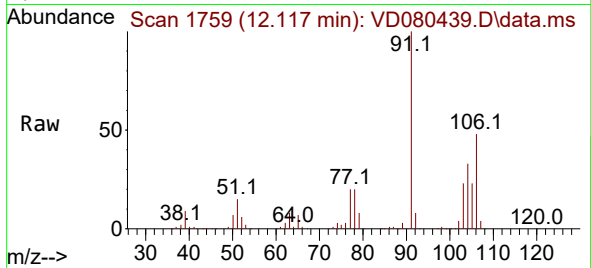




#54
o-Xylene
Concen: 26.50 ug/L
RT: 12.117 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VD080439.D
Acq: 13 Jun 2025 14:45

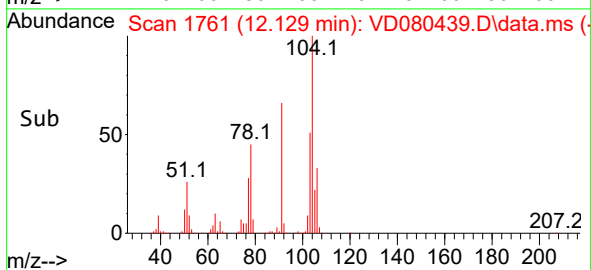
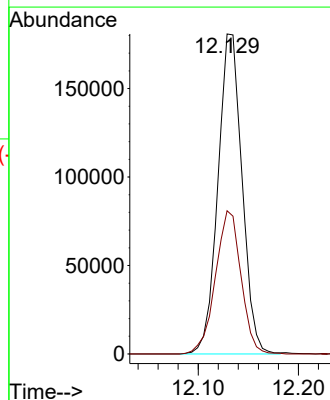
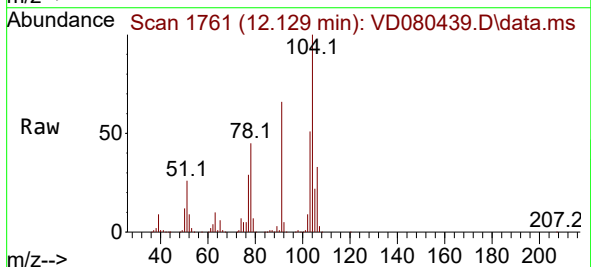
Instrument :
MSVOA_D
ClientSampleId :
VICV881

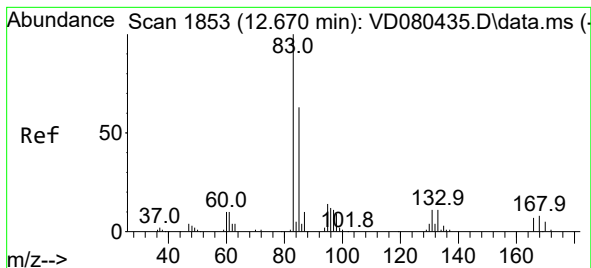
Tgt Ion:106 Resp: 163461
Ion Ratio Lower Upper
106 100
91 209.8 150.8 280.0



#55
Styrene
Concen: 27.49 ug/L
RT: 12.129 min Scan# 1761
Delta R.T. -0.006 min
Lab File: VD080439.D
Acq: 13 Jun 2025 14:45

Tgt Ion:104 Resp: 302364
Ion Ratio Lower Upper
104 100
78 44.7 28.7 53.3





#57

1,1,2,2-Tetrachloroethane

Concen: 25.65 ug/L

RT: 12.670 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VD080439.D

Acq: 13 Jun 2025 14:45

Instrument :

MSVOA_D

ClientSampleId :

VICV881

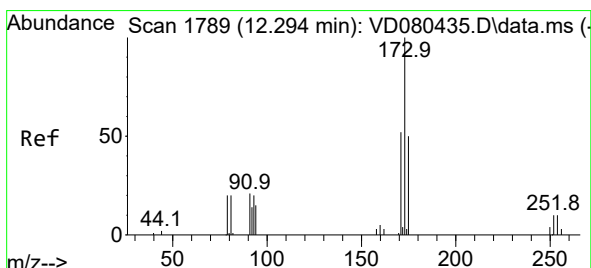
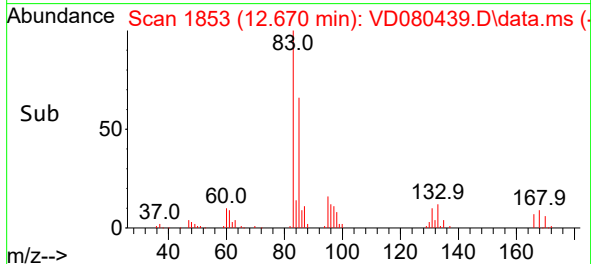
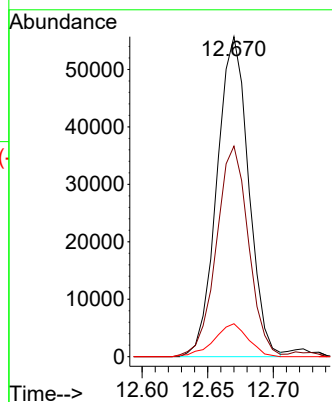
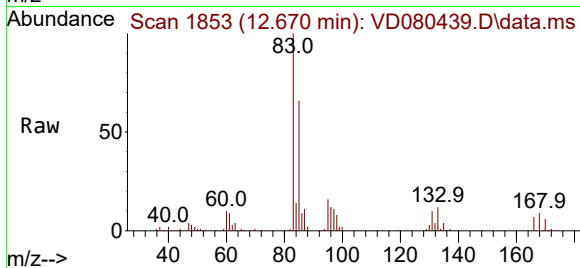
Tgt Ion: 83 Resp: 93607

Ion Ratio Lower Upper

83 100

85 65.8 44.0 81.8

131 10.3 8.9 13.3



#59

Bromoform

Concen: 24.91 ug/L

RT: 12.294 min Scan# 1789

Delta R.T. -0.001 min

Lab File: VD080439.D

Acq: 13 Jun 2025 14:45

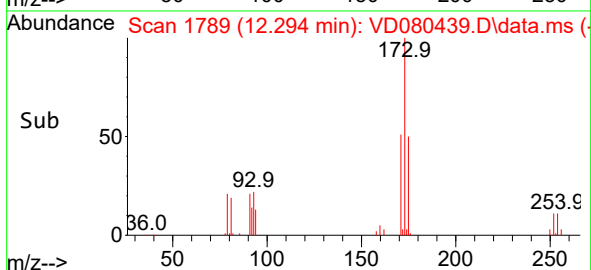
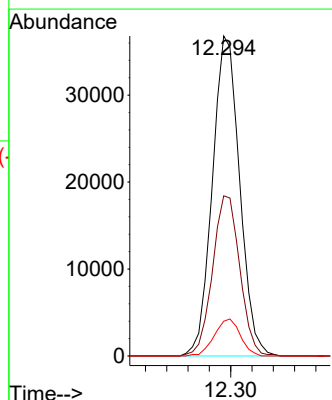
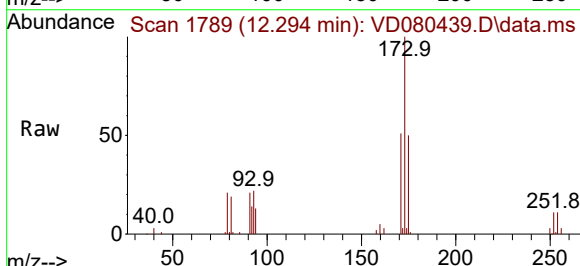
Tgt Ion: 173 Resp: 65353

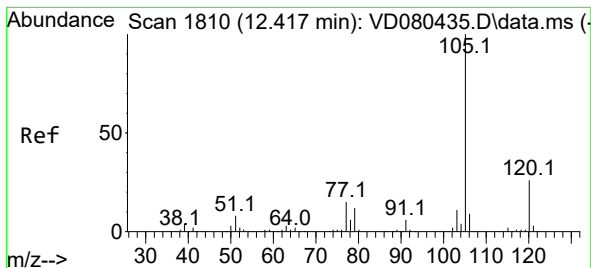
Ion Ratio Lower Upper

173 100

175 50.0 39.7 59.5

254 11.0 9.5 14.3





#60

Isopropylbenzene

Concen: 25.68 ug/L

RT: 12.417 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD080439.D

Acq: 13 Jun 2025 14:45

Instrument :

MSVOA_D

ClientSampleId :

VICV881

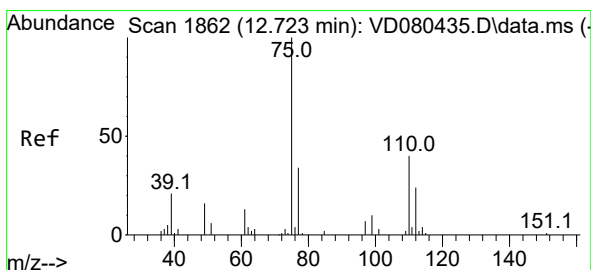
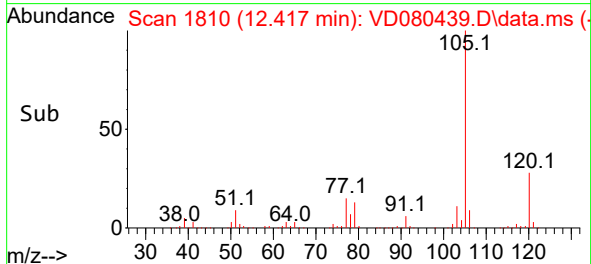
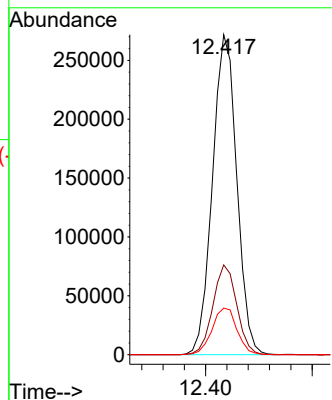
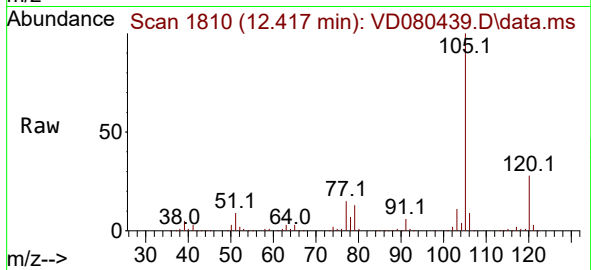
Tgt Ion:105 Resp: 429977

Ion Ratio Lower Upper

105 100

120 27.6 21.4 32.0

77 15.0 11.8 17.8



#61

1,2,3-Trichloropropane

Concen: 24.32 ug/L

RT: 12.723 min Scan# 1862

Delta R.T. -0.000 min

Lab File: VD080439.D

Acq: 13 Jun 2025 14:45

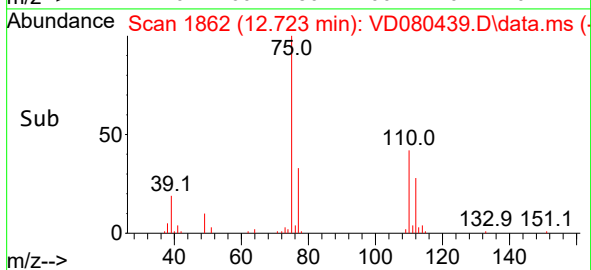
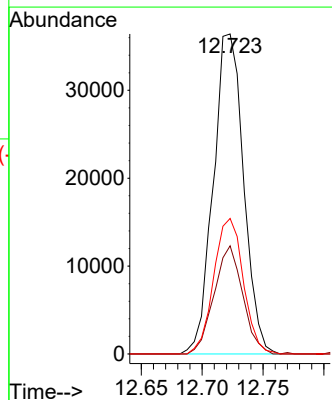
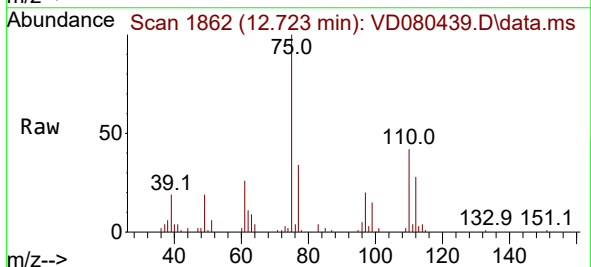
Tgt Ion: 75 Resp: 63063

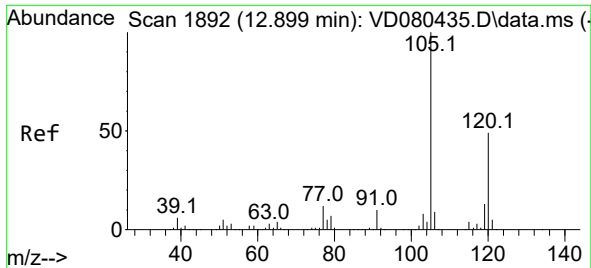
Ion Ratio Lower Upper

75 100

77 32.0 25.9 38.9

110 41.4 31.4 47.0

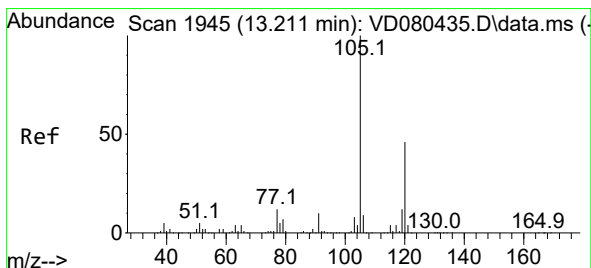
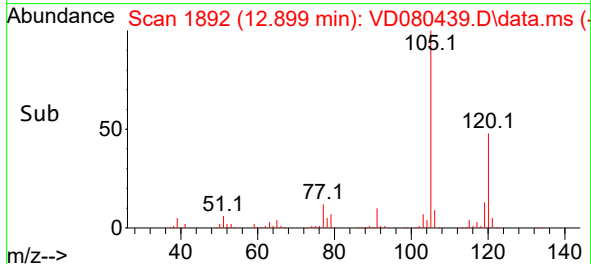
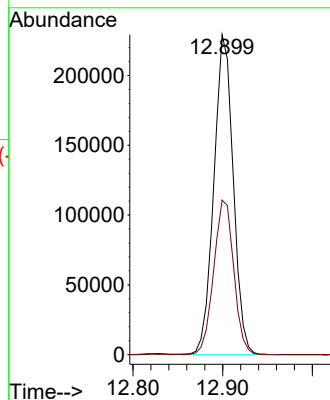
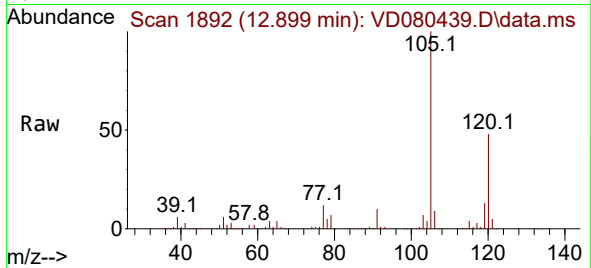




#62
 1,3,5-Trimethylbenzene
 Concen: 26.23 ug/L
 RT: 12.899 min Scan# 1892
 Delta R.T. 0.000 min
 Lab File: VD080439.D
 Acq: 13 Jun 2025 14:45

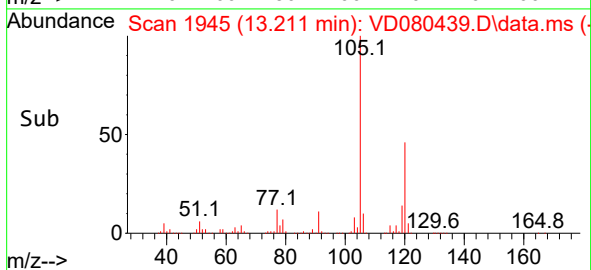
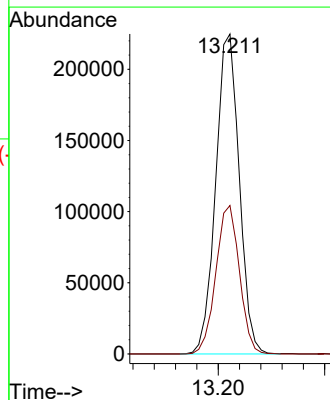
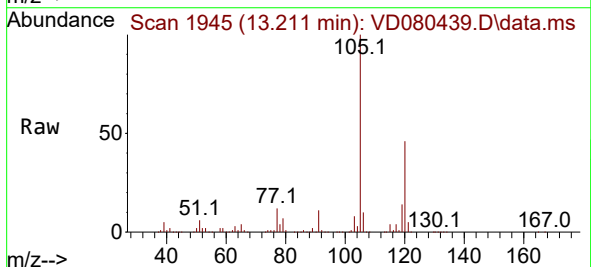
Instrument :
 MSVOA_D
 ClientSampleId :
 VICV881

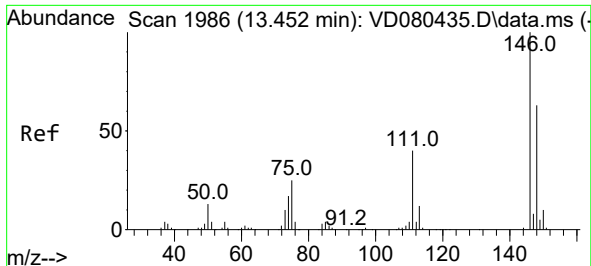
Tgt Ion:105 Resp: 343902
 Ion Ratio Lower Upper
 105 100
 120 50.0 39.8 59.6



#63
 1,2,4-Trimethylbenzene
 Concen: 26.46 ug/L
 RT: 13.211 min Scan# 1945
 Delta R.T. 0.000 min
 Lab File: VD080439.D
 Acq: 13 Jun 2025 14:45

Tgt Ion:105 Resp: 344109
 Ion Ratio Lower Upper
 105 100
 120 46.5 37.3 55.9

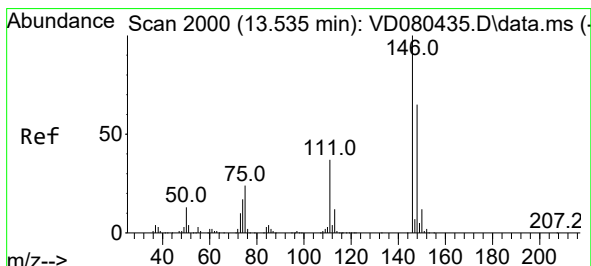
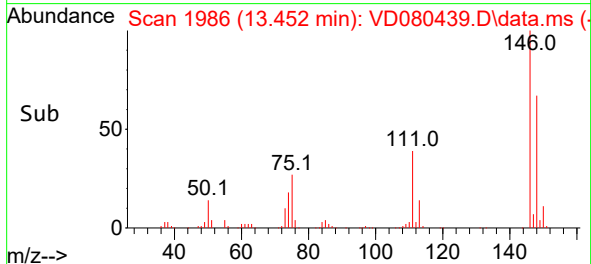
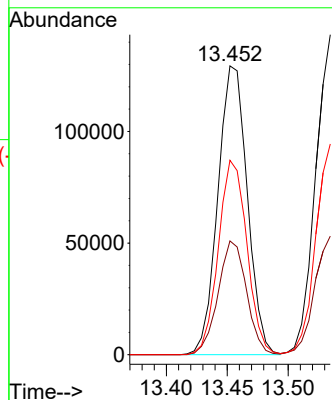
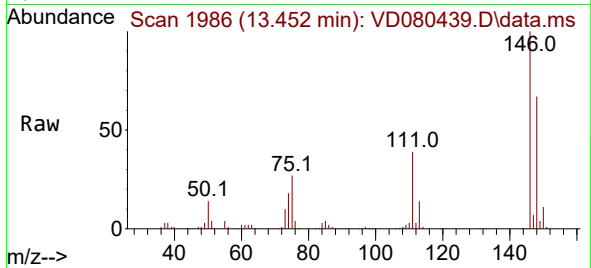




#64
1,3-Dichlorobenzene
Concen: 25.01 ug/L
RT: 13.452 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VD080439.D
Acq: 13 Jun 2025 14:45

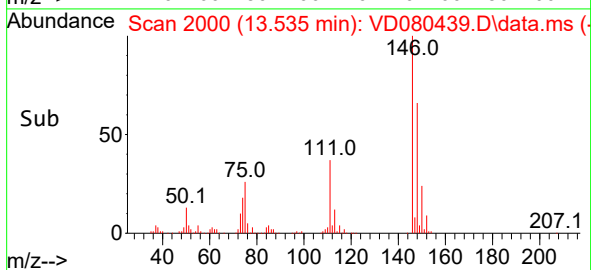
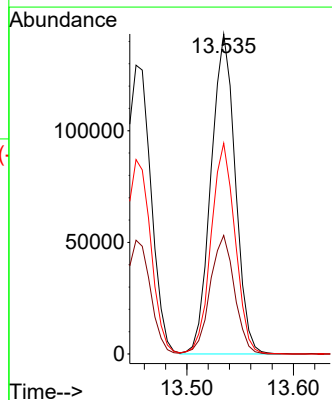
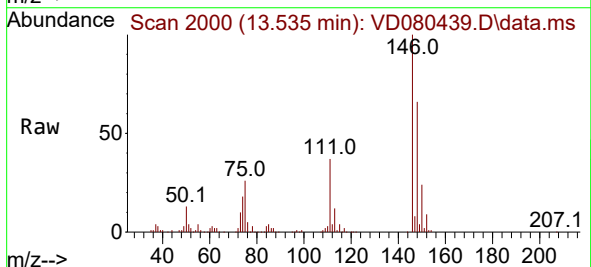
Instrument :
MSVOA_D
ClientSampleId :
VICV881

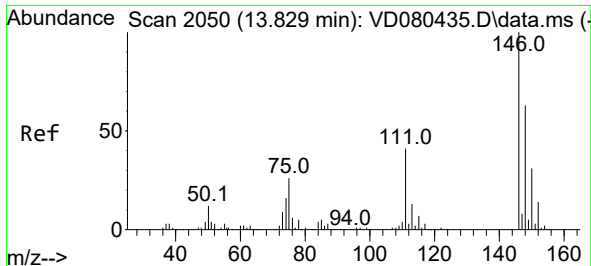
Tgt Ion:146 Resp: 217532
Ion Ratio Lower Upper
146 100
111 39.4 28.1 52.3
148 67.3 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 25.11 ug/L
RT: 13.535 min Scan# 2000
Delta R.T. -0.000 min
Lab File: VD080439.D
Acq: 13 Jun 2025 14:45

Tgt Ion:146 Resp: 227006
Ion Ratio Lower Upper
146 100
111 37.1 26.0 48.4
148 65.8 45.4 84.2





#67

1,2-Dichlorobenzene

Concen: 24.77 ug/L

RT: 13.829 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VD080439.D

Acq: 13 Jun 2025 14:45

Instrument :

MSVOA_D

ClientSampleId :

VICV881

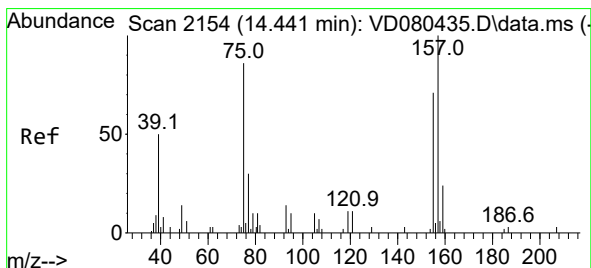
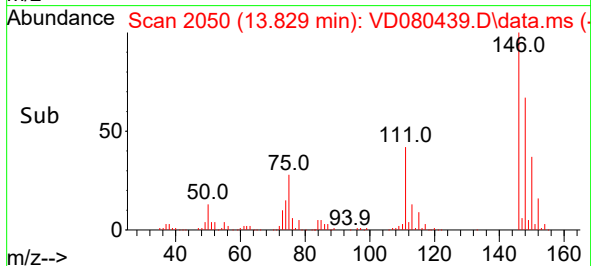
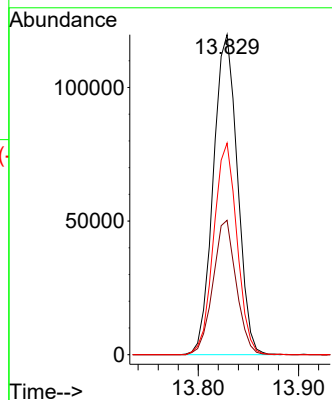
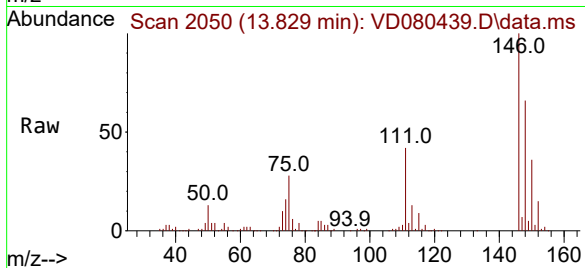
Tgt Ion:146 Resp: 200004

Ion Ratio Lower Upper

146 100

111 42.0 32.9 49.3

148 66.1 50.3 75.5



#68

1,2-Dibromo-3-chloropropane

Concen: 23.99 ug/L

RT: 14.440 min Scan# 2154

Delta R.T. -0.001 min

Lab File: VD080439.D

Acq: 13 Jun 2025 14:45

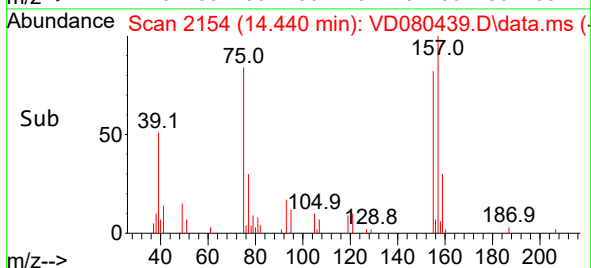
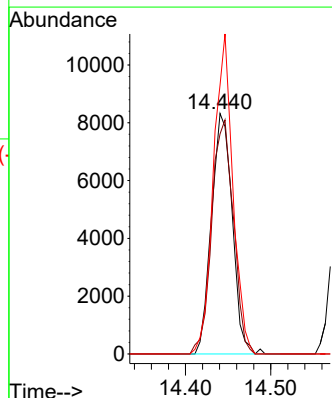
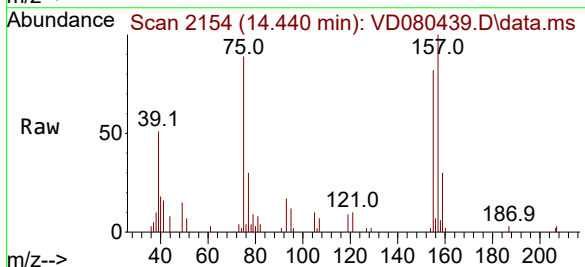
Tgt Ion: 75 Resp: 14129

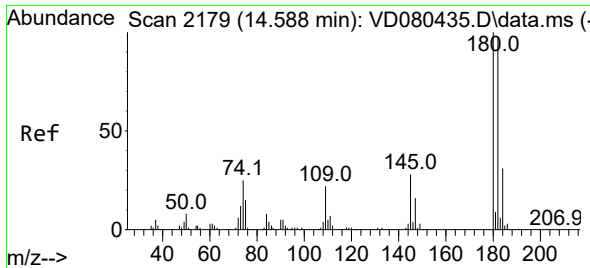
Ion Ratio Lower Upper

75 100

155 91.5 66.9 100.3

157 111.8 93.5 140.3

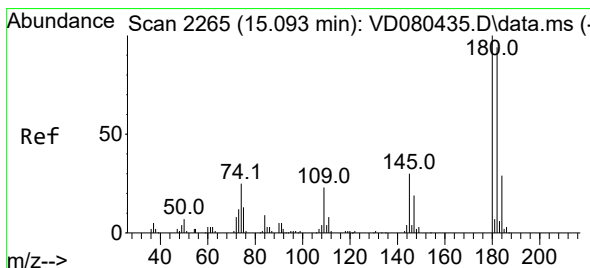
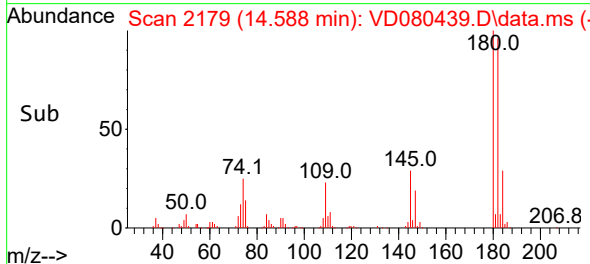
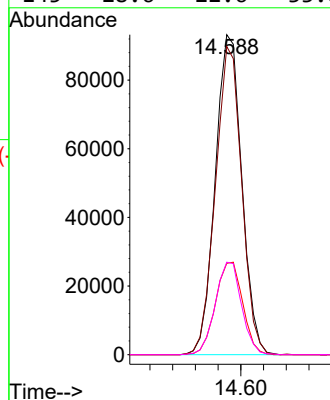
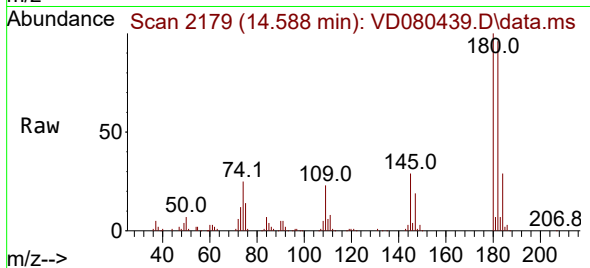




#69
 1,3,5-Trichlorobenzene
 Concen: 25.25 ug/L
 RT: 14.588 min Scan# 2179
 Delta R.T. -0.000 min
 Lab File: VD080439.D
 Acq: 13 Jun 2025 14:45

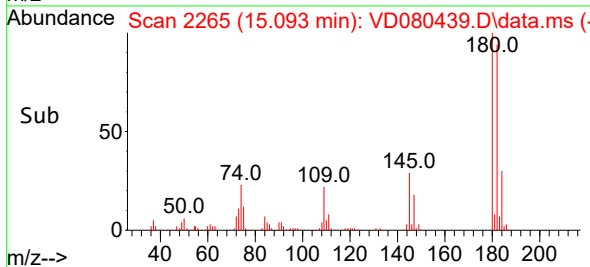
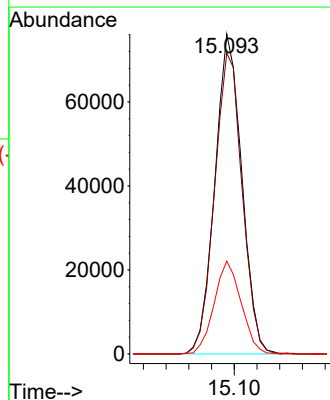
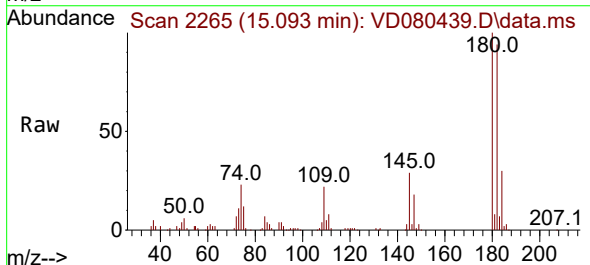
Instrument :
 MSVOA_D
 ClientSampleId :
 VICV881

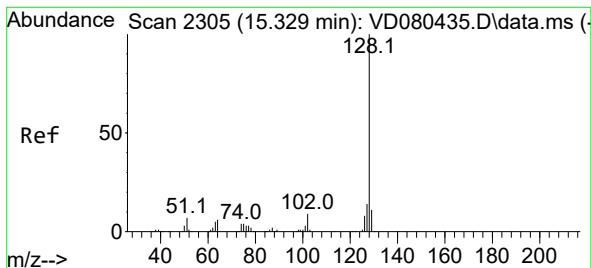
Tgt Ion:180	Resp:	151405
Ion Ratio	Lower	Upper
180	100	
182	95.2	76.3 114.5
184	29.7	25.1 37.7
145	28.6	22.6 33.8



#70
 1,2,4-trichlorobenzene
 Concen: 24.86 ug/L
 RT: 15.093 min Scan# 2265
 Delta R.T. 0.000 min
 Lab File: VD080439.D
 Acq: 13 Jun 2025 14:45

Tgt Ion:180	Resp:	125273
Ion Ratio	Lower	Upper
180	100	
182	96.3	75.0 112.6
145	29.1	22.9 34.3





#71

Naphthalene

Concen: 25.58 ug/L

RT: 15.329 min Scan# 2305

Delta R.T. -0.000 min

Lab File: VD080439.D

Acq: 13 Jun 2025 14:45

Instrument :

MSVOA_D

ClientSampleId :

VICV881

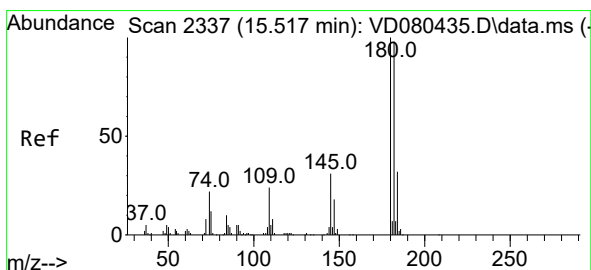
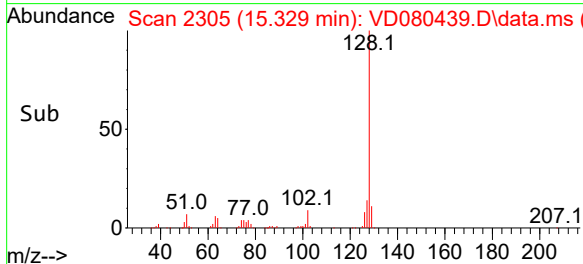
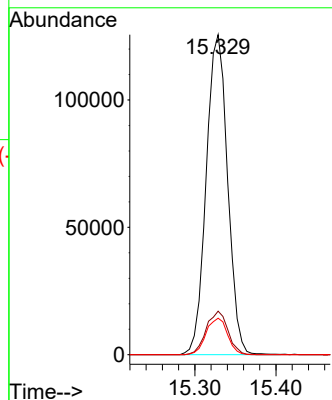
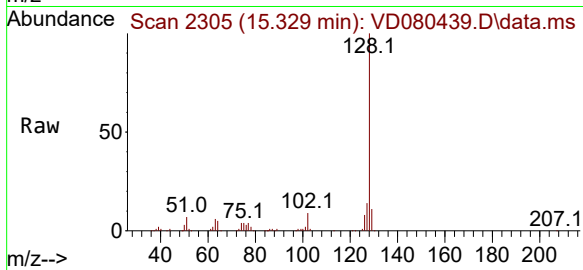
Tgt Ion:128 Resp: 230045

Ion Ratio Lower Upper

128 100

127 13.8 11.3 16.9

129 11.4 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 26.98 ug/L

RT: 15.517 min Scan# 2337

Delta R.T. -0.000 min

Lab File: VD080439.D

Acq: 13 Jun 2025 14:45

Tgt Ion:180 Resp: 125711

Ion Ratio Lower Upper

180 100

182 91.8 77.0 115.6

145 29.4 25.2 37.8

