

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062325\
 Data File : VD080470.D
 Acq On : 23 Jun 2025 11:51
 Operator : RP/MD
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025512

Quant Time: Jun 24 10:14:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061825SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jun 24 10:12:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.776	114	176025	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.582	117	172652	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.517	152	99006	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	64105	21.48	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	85.92%		
7) Chloroethane-d5	2.806	69	58103	22.82	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	91.28%		
11) 1,1-Dichloroethene-d2	3.923	65	22896	22.74	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	90.96%		
21) 2-Butanone-d5	7.070	46	225	0.45	ug/L	0.08
Spiked Amount 50.000	Range 20 - 135		Recovery =	0.90%#		
24) Chloroform-d	7.570	84	122960	25.37	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	101.48%		
26) 1,2-Dichloroethane-d4	8.229	65	63143	25.48	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	101.92%		
32) Benzene-d6	8.200	84	241518	25.44	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	101.76%		
36) 1,2-Dichloropropane-d6	9.205	67	77265	24.80	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	99.20%		
41) Toluene-d8	10.270	98	235367	26.52	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	106.08%		
43) trans-1,3-Dichloroprop...	10.523	79	32784	25.26	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	101.04%		
47) 2-Hexanone-d5	10.876	63	23180	49.00	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	98.00%		
56) 1,1,2,2-Tetrachloroeth...	12.646	84	72379	25.69	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	102.76%		
66) 1,2-Dichlorobenzene-d4	13.811	152	89991	25.07	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	100.28%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.935	85	69111	24.82	ug/L	98
3) Chloromethane	2.147	50	66939	25.61	ug/L	100
5) Vinyl chloride	2.288	62	84338	26.44	ug/L	95
6) Bromomethane	2.700	94	57284	28.92	ug/L	93
8) Chloroethane	2.841	64	56325	25.65	ug/L	92
9) Trichlorofluoromethane	3.182	101	117556	26.85	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	73307	26.98	ug/L	95
12) 1,1-Dichloroethene	3.947	96	61123	27.70	ug/L	94
13) Acetone	4.017	43	26320	62.42	ug/L	63
14) Carbon disulfide	4.276	76	201203	26.87	ug/L	98
15) Methyl Acetate	4.564	43	27654	27.20	ug/L #	82
16) Methylene chloride	4.800	84	76937	28.20	ug/L	91
17) trans-1,2-Dichloroethene	5.317	96	71256	30.83	ug/L	96
18) Methyl tert-butyl Ether	5.323	73	133913	28.79	ug/L #	89
19) 1,1-Dichloroethane	6.106	63	124275	28.68	ug/L	97
20) cis-1,2-Dichloroethene	7.076	96	76946	30.53	ug/L	94
22) 2-Butanone	7.076	43	20538	33.55	ug/L #	66
23) Bromochloromethane	7.423	128	40405	29.83	ug/L	96
25) Chloroform	7.594	83	146098	29.28	ug/L	95

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 Response via : Initial Calibration

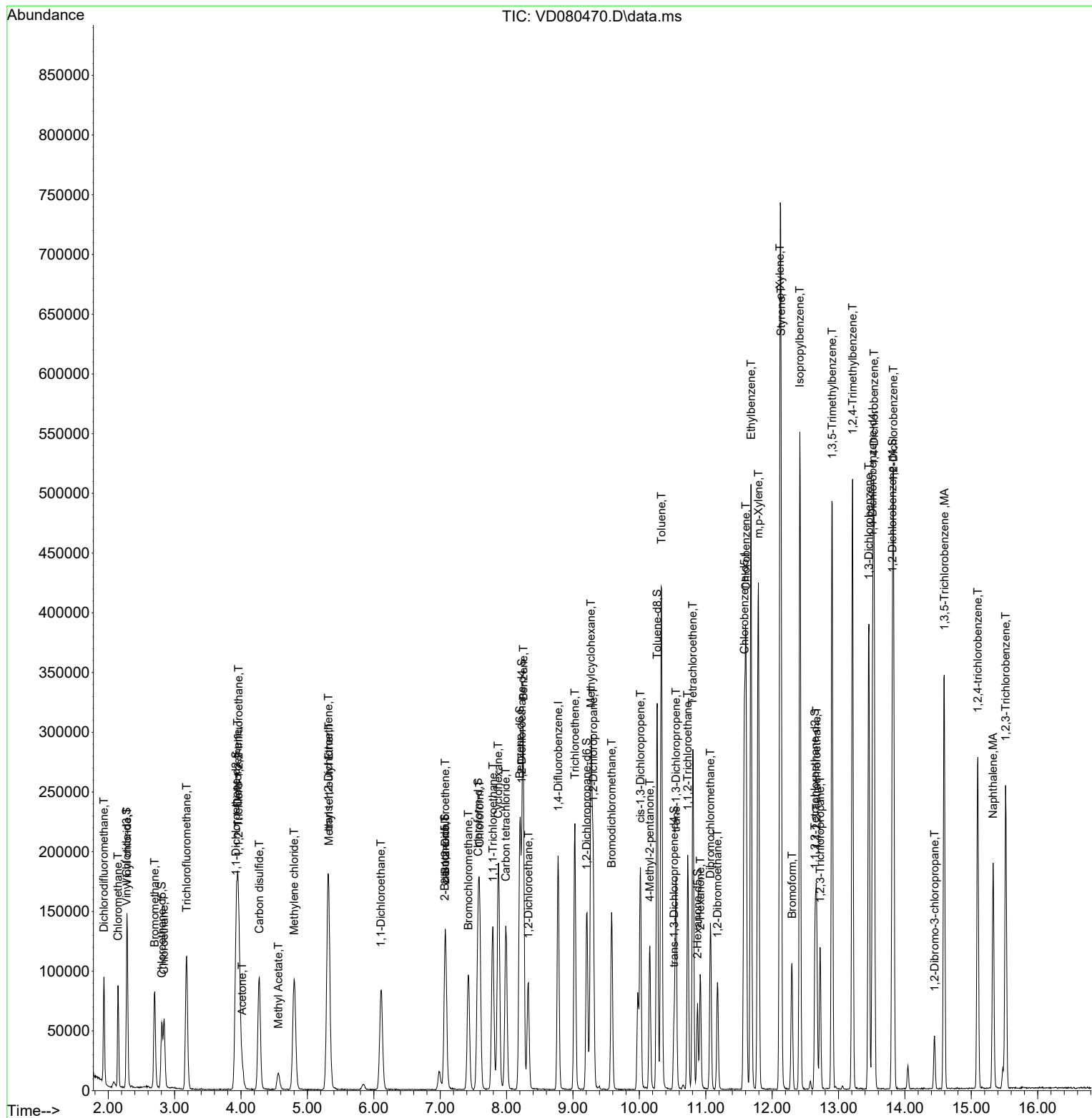
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.329	62	81780	29.20	ug/L	98
29) Cyclohexane	7.876	56	101466	28.31	ug/L	98
30) 1,1,1-Trichloroethane	7.794	97	117516	28.86	ug/L	98
31) Carbon tetrachloride	7.988	117	111565	28.56	ug/L	99
33) Benzene	8.252	78	286349	30.24	ug/L	100
34) Trichloroethene	9.029	95	79238	29.00	ug/L	95
35) Methylcyclohexane	9.270	83	118550	29.37	ug/L	99
37) 1,2-Dichloropropane	9.305	63	80502	30.48	ug/L #	97
38) Bromodichloromethane	9.582	83	103162	29.71	ug/L	98
39) cis-1,3-Dichloropropene	10.017	75	117153	29.64	ug/L	96
40) 4-Methyl-2-pentanone	10.158	43	77050	56.92	ug/L	98
42) Toluene	10.335	91	332845	31.79	ug/L	93
44) trans-1,3-Dichloropropene	10.552	75	102398	30.61	ug/L	98
45) 1,1,2-Trichloroethane	10.729	97	63445	29.56	ug/L	97
46) Tetrachloroethene	10.805	164	73072	29.91	ug/L	95
48) 2-Hexanone	10.917	43	58231	59.03	ug/L	97
49) Dibromochloromethane	11.070	129	79728	30.41	ug/L	95
50) 1,2-Dibromoethane	11.176	107	61736	29.84	ug/L	96
51) Chlorobenzene	11.605	112	215310	29.82	ug/L	97
52) Ethylbenzene	11.682	91	356198	31.37	ug/L	100
53) m,p-Xylene	11.793	106	141791	31.82	ug/L	96
54) o-Xylene	12.117	106	132571	31.57	ug/L	100
55) Styrene	12.135	104	242898	32.80	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.670	83	72902	27.81	ug/L	94
59) Bromoform	12.299	173	53566	27.58	ug/L	98
60) Isopropylbenzene	12.417	105	354392	30.25	ug/L	100
61) 1,2,3-Trichloropropane	12.723	75	49324	26.56	ug/L	99
62) 1,3,5-Trimethylbenzene	12.905	105	280349	31.02	ug/L	99
63) 1,2,4-Trimethylbenzene	13.211	105	277727	31.12	ug/L	98
64) 1,3-Dichlorobenzene	13.458	146	182241	29.70	ug/L	98
65) 1,4-Dichlorobenzene	13.535	146	186587	29.22	ug/L	98
67) 1,2-Dichlorobenzene	13.829	146	162600	29.35	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.446	75	10955	25.18	ug/L #	83
69) 1,3,5-Trichlorobenzene	14.593	180	120427	28.40	ug/L	100
70) 1,2,4-trichlorobenzene	15.099	180	101143	29.15	ug/L	100
71) Naphthalene	15.329	128	170085	26.97	ug/L	99
72) 1,2,3-Trichlorobenzene	15.517	180	94471	29.04	ug/L	99

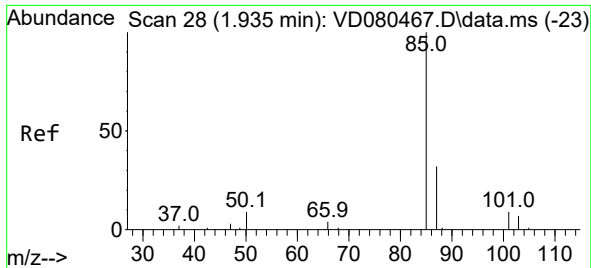
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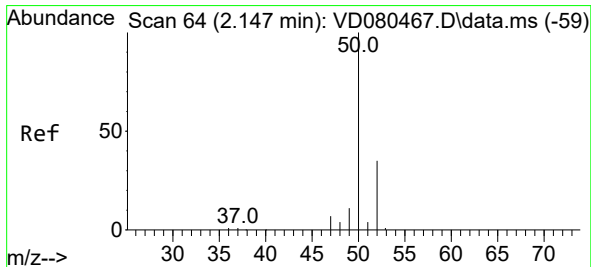
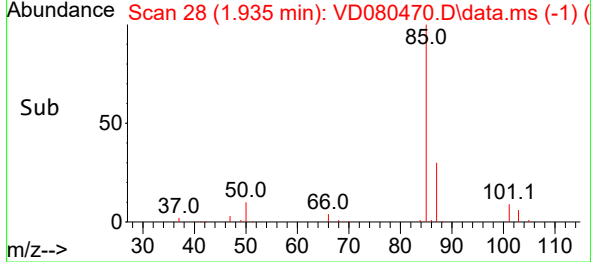
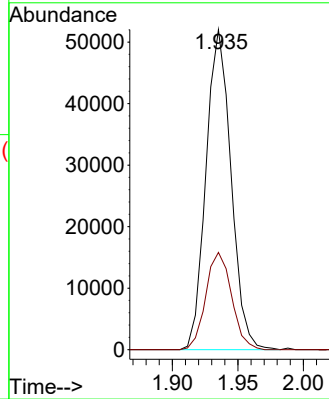
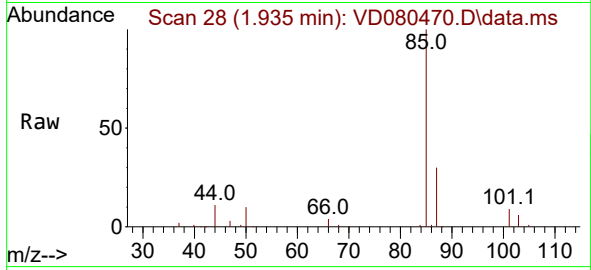




#2
 Dichlorodifluoromethane
 Concen: 24.82 ug/L
 RT: 1.935 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VD080470.D
 Acq: 23 Jun 2025 11:51

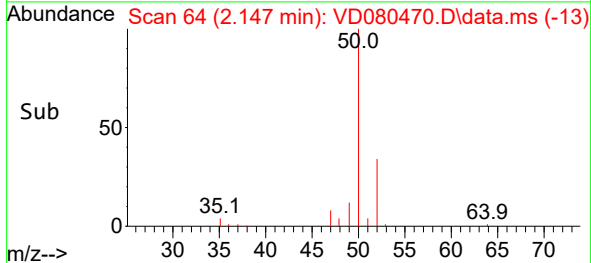
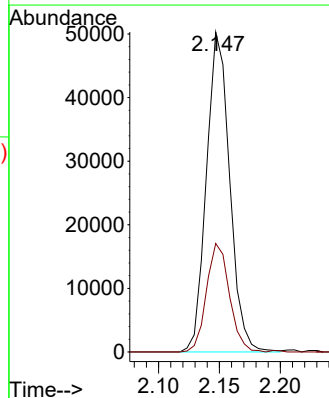
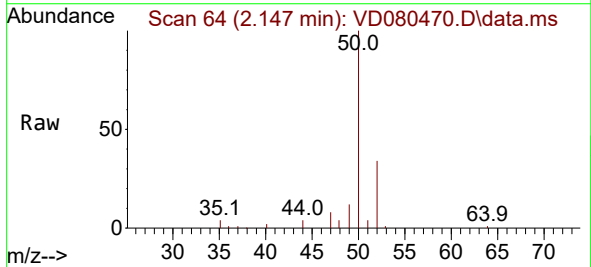
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 ClientSampleId :
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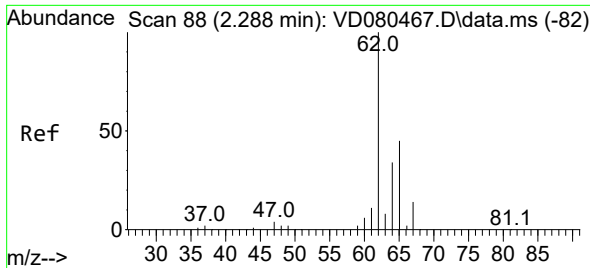
Tgt Ion: 85 Resp: 69111
 Ion Ratio Lower Upper
 85 100
 87 31.4 25.9 38.9



#3
 Chloromethane
 Concen: 25.61 ug/L
 RT: 2.147 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: VD080470.D
 Acq: 23 Jun 2025 11:51

Tgt Ion: 50 Resp: 66939
 Ion Ratio Lower Upper
 50 100
 52 33.9 23.8 44.2

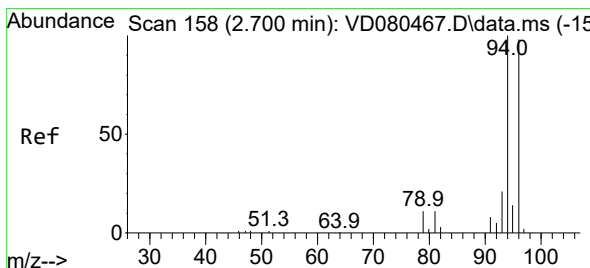
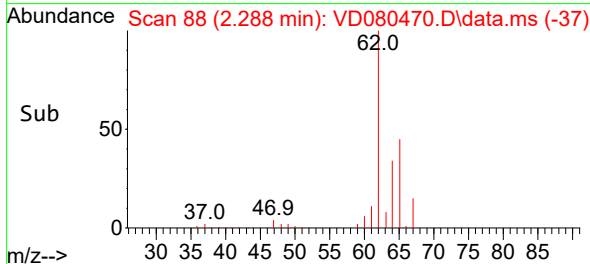
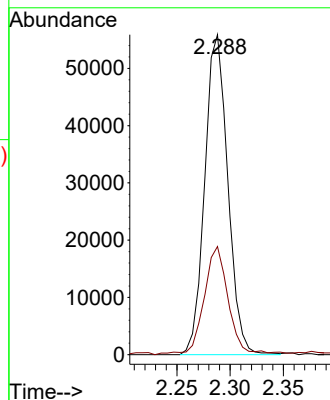
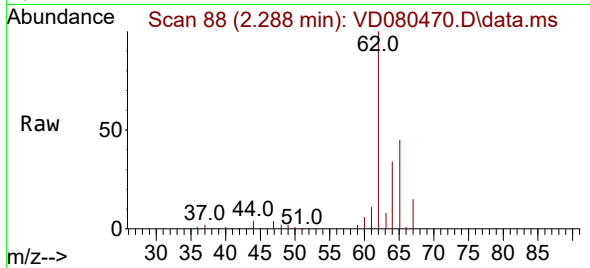




#5
 Vinyl chloride
 Concen: 26.44 ug/L
 RT: 2.288 min Scan# 88
 Delta R.T. 0.000 min
 Lab File: VD080470.D
 Acq: 23 Jun 2025 11:51

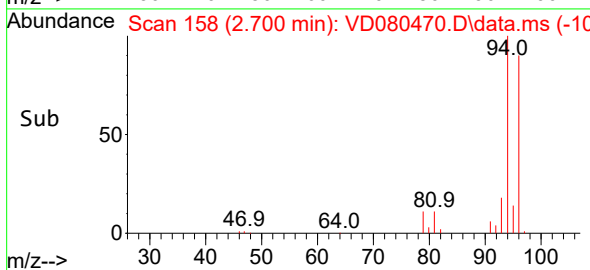
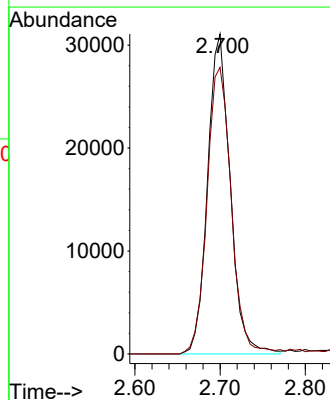
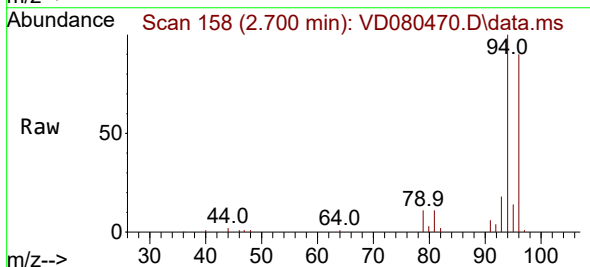
Instrument :
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 ClientSampleId :
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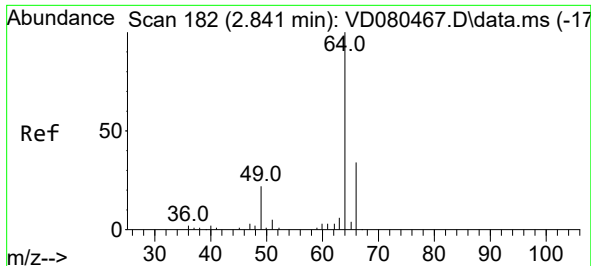
Tgt Ion: 62 Resp: 84338
 Ion Ratio Lower Upper
 62 100
 64 33.8 25.6 47.6



#6
 Bromomethane
 Concen: 28.92 ug/L
 RT: 2.700 min Scan# 158
 Delta R.T. 0.000 min
 Lab File: VD080470.D
 Acq: 23 Jun 2025 11:51

Tgt Ion: 94 Resp: 57284
 Ion Ratio Lower Upper
 94 100
 96 89.5 67.6 125.6

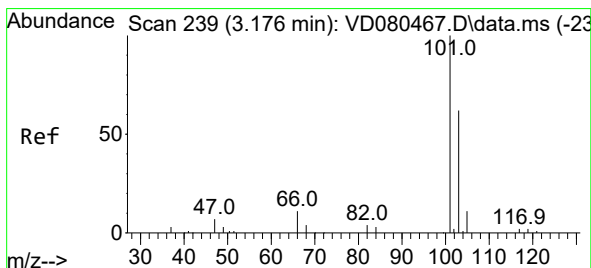
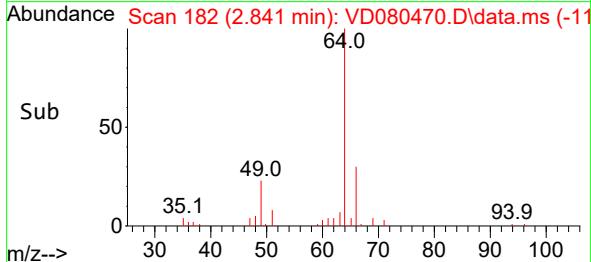
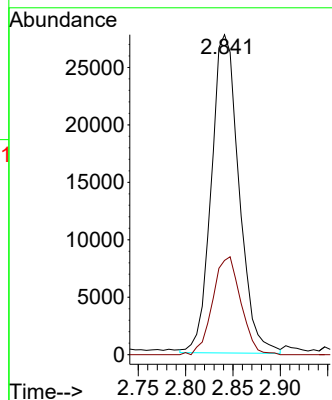
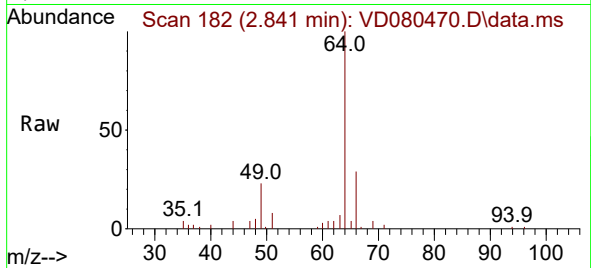




#8
Chloroethane
Concen: 25.65 ug/L
RT: 2.841 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD080470.D
Acq: 23 Jun 2025 11:51

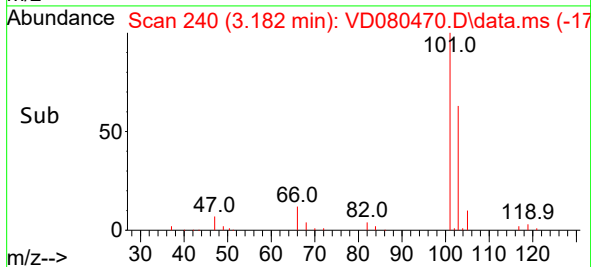
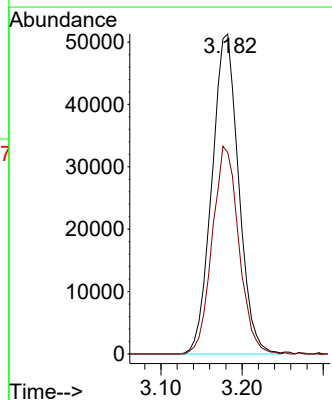
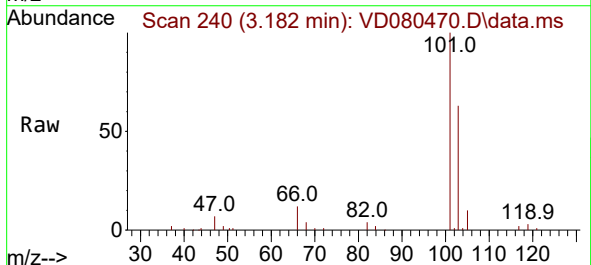
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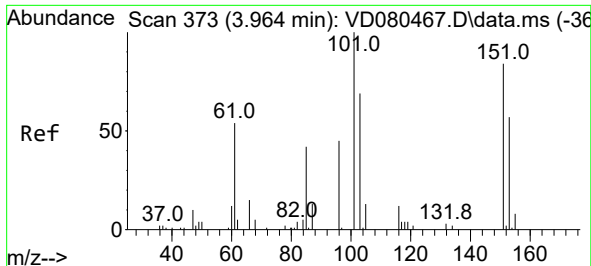
Tgt Ion: 64 Resp: 56325
Ion Ratio Lower Upper
64 100
66 29.5 23.9 44.3



#9
Trichlorofluoromethane
Concen: 26.85 ug/L
RT: 3.182 min Scan# 240
Delta R.T. 0.006 min
Lab File: VD080470.D
Acq: 23 Jun 2025 11:51

Tgt Ion:101 Resp: 117556
Ion Ratio Lower Upper
101 100
103 64.3 51.0 76.4

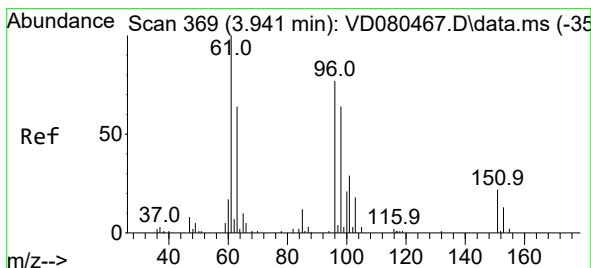
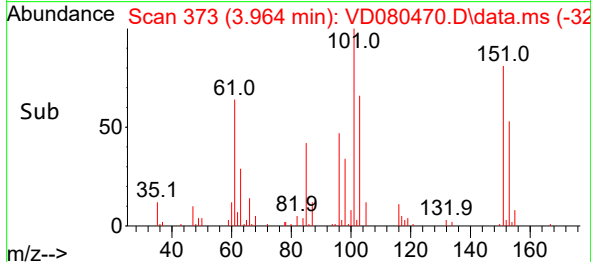
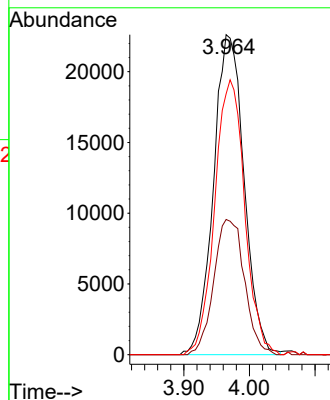
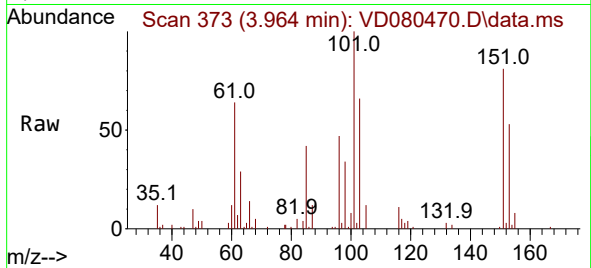




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.98 ug/L
 RT: 3.964 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VD080470.D
 Acq: 23 Jun 2025 11:51

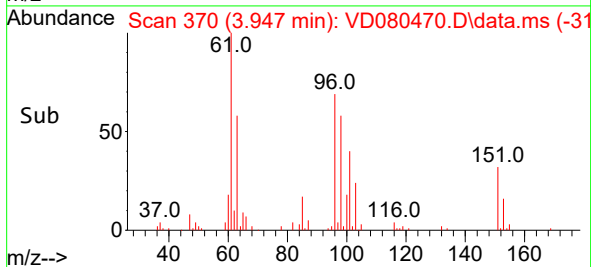
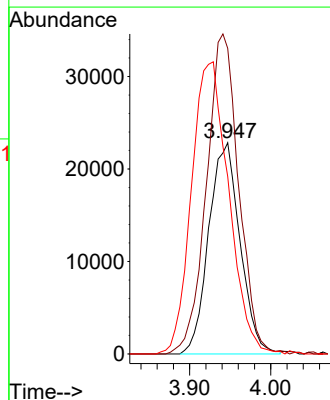
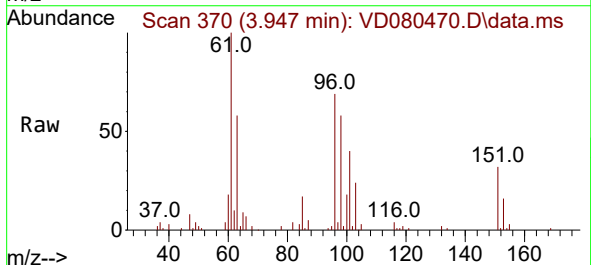
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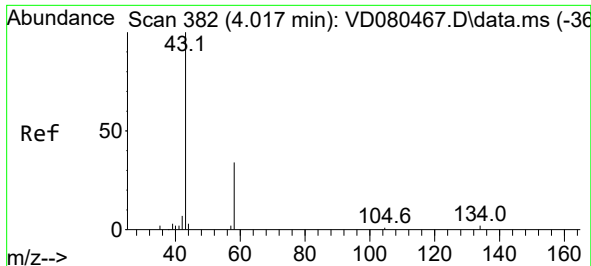
Tgt Ion:101 Resp: 73307
 Ion Ratio Lower Upper
 101 100
 85 42.2 32.0 48.0
 151 84.0 63.7 95.5



#12
 1,1-Dichloroethene
 Concen: 27.70 ug/L
 RT: 3.947 min Scan# 370
 Delta R.T. 0.006 min
 Lab File: VD080470.D
 Acq: 23 Jun 2025 11:51

Tgt Ion: 96 Resp: 61123
 Ion Ratio Lower Upper
 96 100
 61 144.7 103.0 191.4
 63 84.0 66.4 123.2





#13

Acetone

Concen: 62.42 ug/L

RT: 4.017 min Scan# 382

Delta R.T. 0.000 min

Lab File: VD080470.D

Acq: 23 Jun 2025 11:51

Instrument :

MSVOA_D

ClientSampleId :

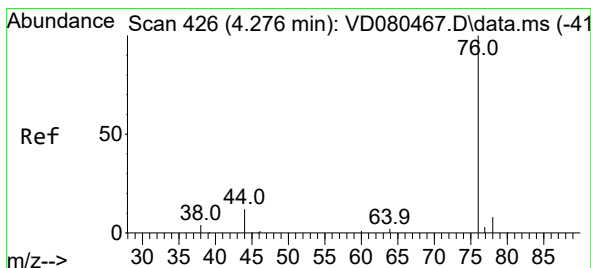
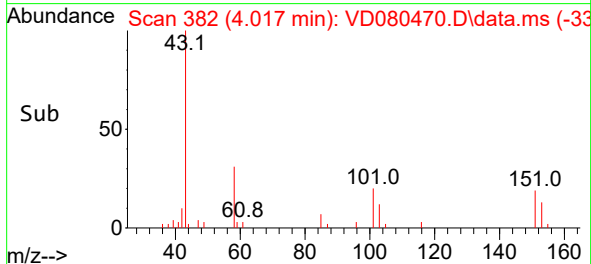
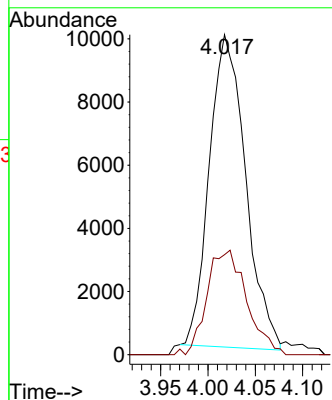
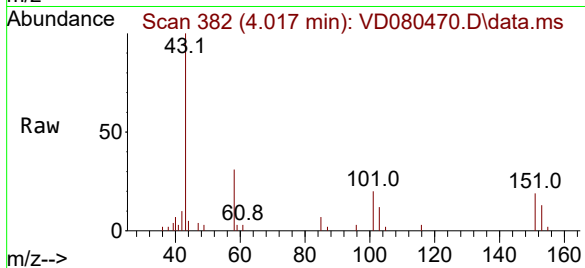
VSTD025512

Tgt Ion: 43 Resp: 26320

Ion Ratio Lower Upper

43 100

58 13.7 0.0 71.0



#14

Carbon disulfide

Concen: 26.87 ug/L

RT: 4.276 min Scan# 426

Delta R.T. 0.000 min

Lab File: VD080470.D

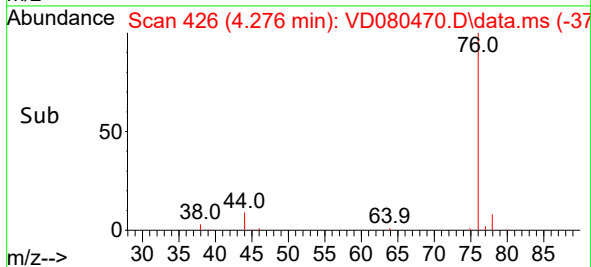
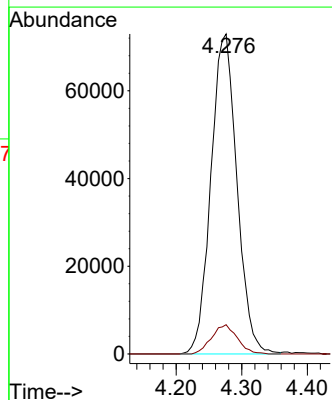
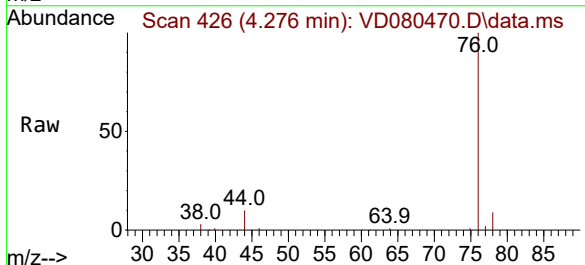
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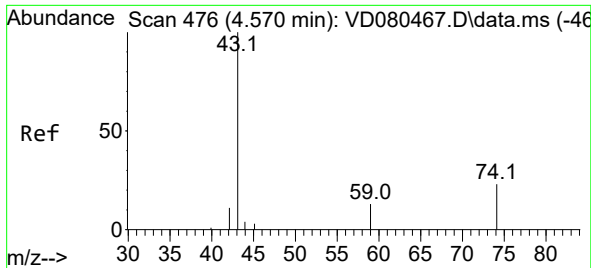
Tgt Ion: 76 Resp: 201203

Ion Ratio Lower Upper

76 100

78 9.1 7.9 11.9

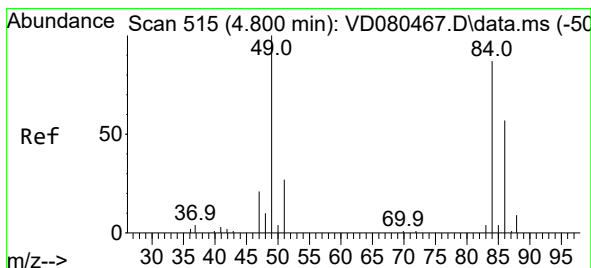
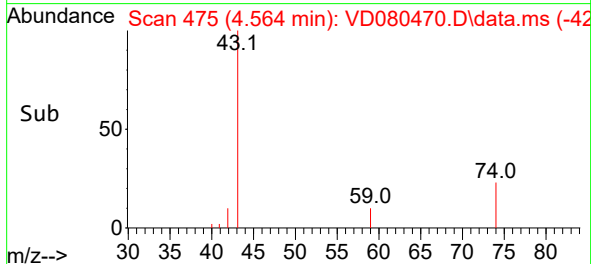
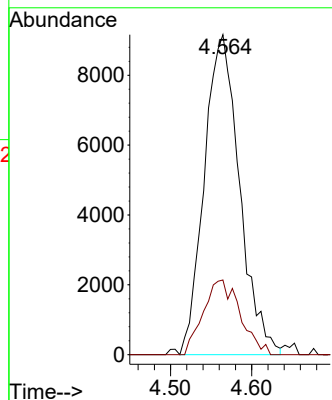
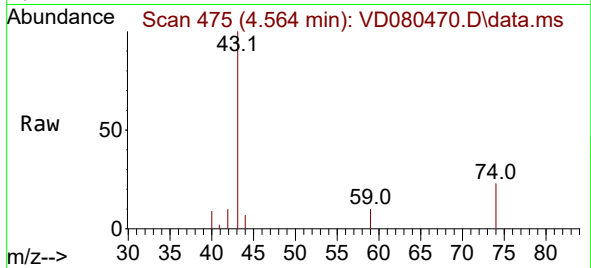




#15
Methyl Acetate
Concen: 27.20 ug/L
RT: 4.564 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD080470.D
Acq: 23 Jun 2025 11:51

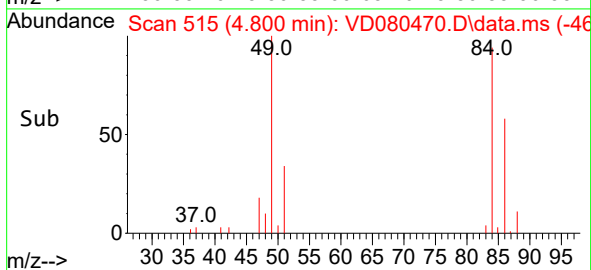
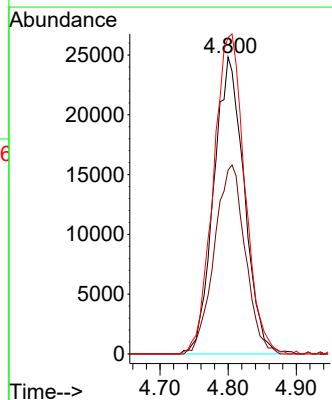
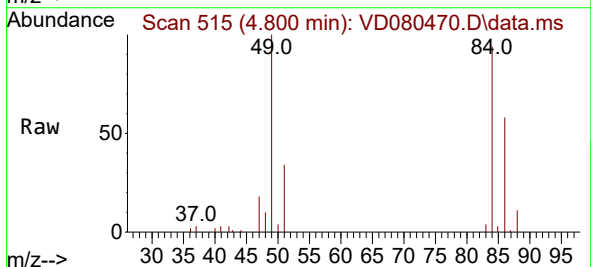
Instrument :
MSVOA_D
ClientSampleId :
VSTD025512

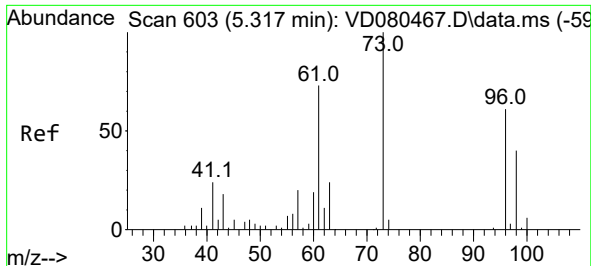
Tgt Ion: 43 Resp: 27654
Ion Ratio Lower Upper
43 100
74 16.1 20.3 30.5#



#16
Methylene chloride
Concen: 28.20 ug/L
RT: 4.800 min Scan# 515
Delta R.T. 0.000 min
Lab File: VD080470.D
Acq: 23 Jun 2025 11:51

Tgt Ion: 84 Resp: 76937
Ion Ratio Lower Upper
84 100
86 61.9 46.7 86.7
49 106.6 83.0 154.1

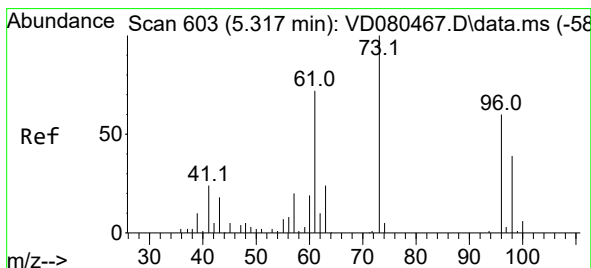
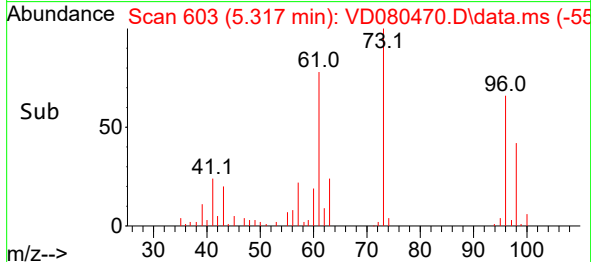
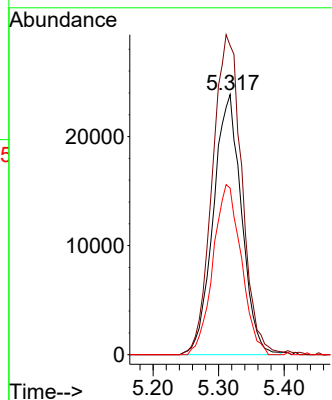
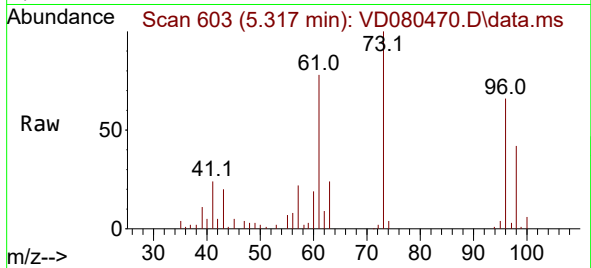




#17
trans-1,2-Dichloroethene
Concen: 30.83 ug/L
RT: 5.317 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD080470.D
Acq: 23 Jun 2025 11:51

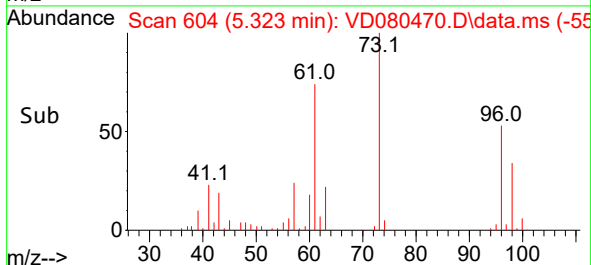
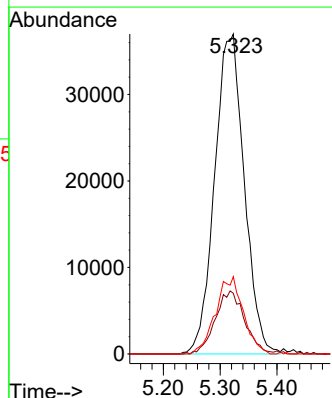
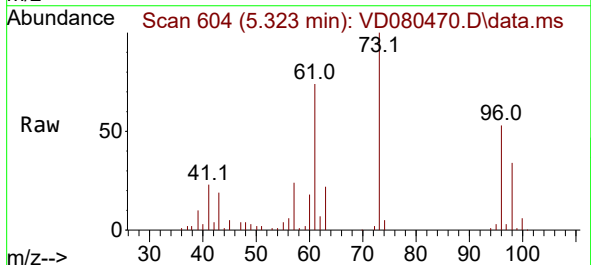
Instrument :
MSVOA_D
ClientSampleId :
VSTD025512

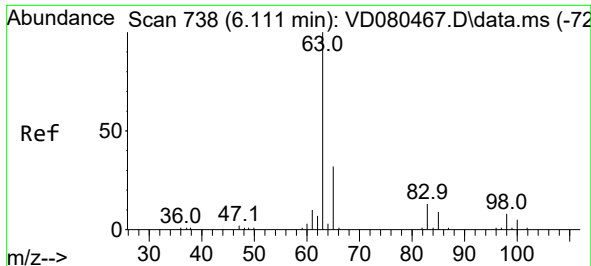
Tgt Ion: 96 Resp: 71256
Ion Ratio Lower Upper
96 100
61 118.8 82.0 152.2
98 64.0 40.3 74.8



#18
Methyl tert-butyl Ether
Concen: 28.79 ug/L
RT: 5.323 min Scan# 604
Delta R.T. 0.006 min
Lab File: VD080470.D
Acq: 23 Jun 2025 11:51

Tgt Ion: 73 Resp: 133913
Ion Ratio Lower Upper
73 100
43 19.5 15.8 23.8
57 12.7 17.6 26.4#





#19

1,1-Dichloroethane

Concen: 28.68 ug/L

RT: 6.106 min Scan# 71

Delta R.T. -0.006 min

Lab File: VD080470.D

Acq: 23 Jun 2025 11:51

Instrument :

MSVOA_D

ClientSampleId :

VSTD025512

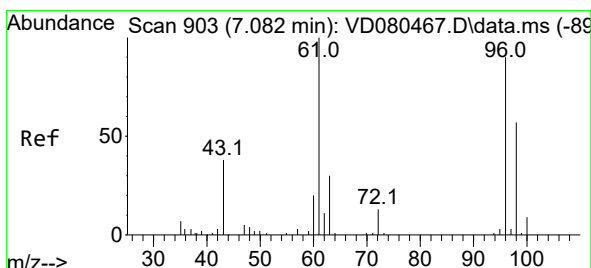
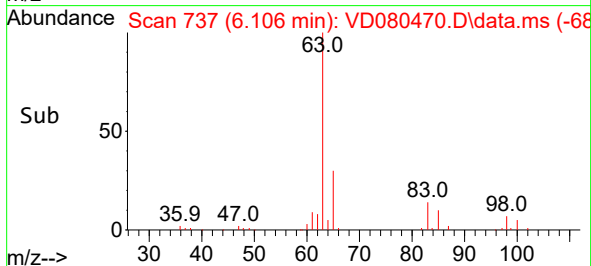
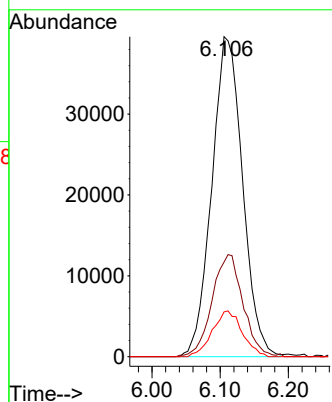
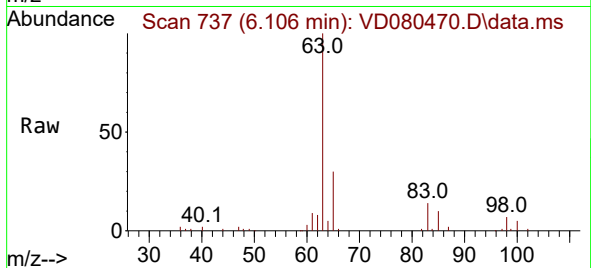
Tgt Ion: 63 Resp: 124275

Ion Ratio Lower Upper

63 100

65 29.6 22.0 41.0

83 14.0 10.8 20.0



#20

cis-1,2-Dichloroethene

Concen: 30.53 ug/L

RT: 7.076 min Scan# 902

Delta R.T. -0.006 min

Lab File: VD080470.D

Acq: 23 Jun 2025 11:51

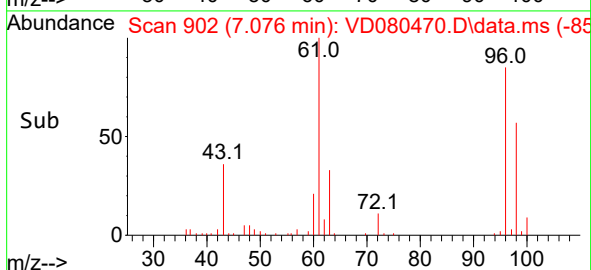
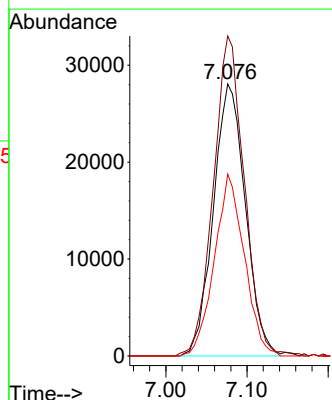
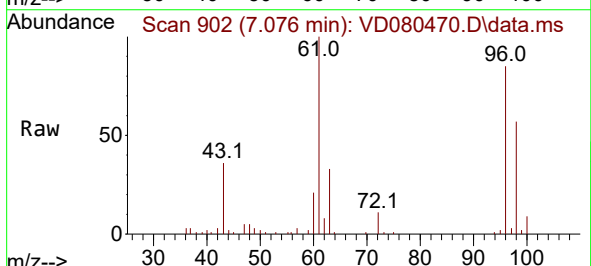
Tgt Ion: 96 Resp: 76946

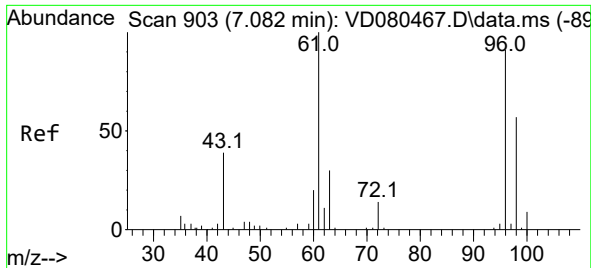
Ion Ratio Lower Upper

96 100

61 117.6 75.8 140.8

98 66.8 45.9 85.3

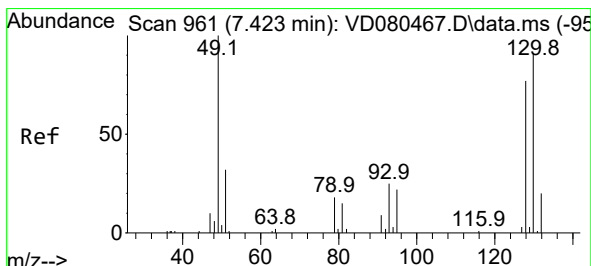
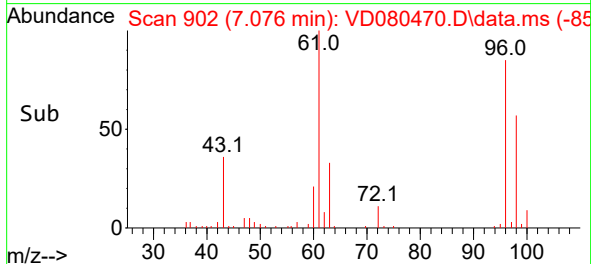
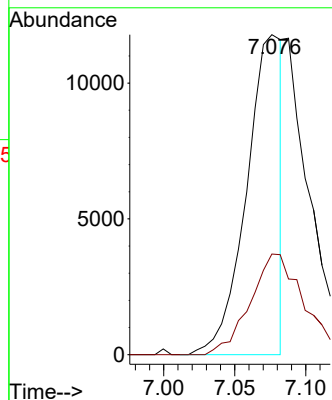
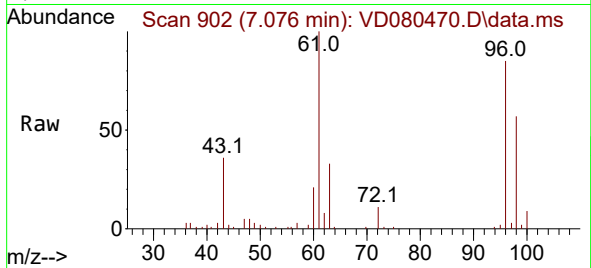




#22
2-Butanone
Concen: 33.55 ug/L
RT: 7.076 min Scan# 903
Delta R.T. -0.006 min
Lab File: VD080470.D
Acq: 23 Jun 2025 11:51

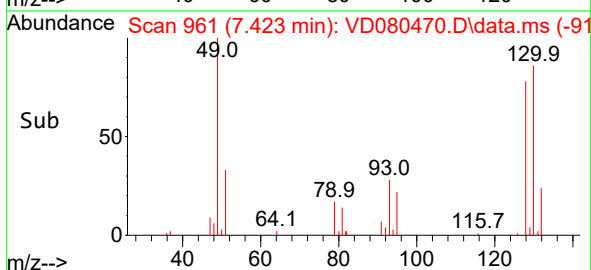
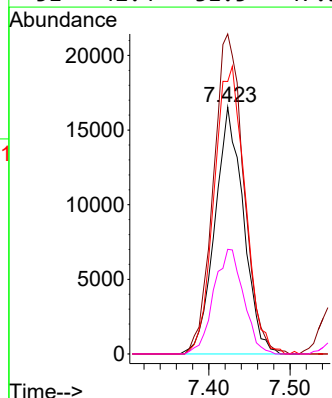
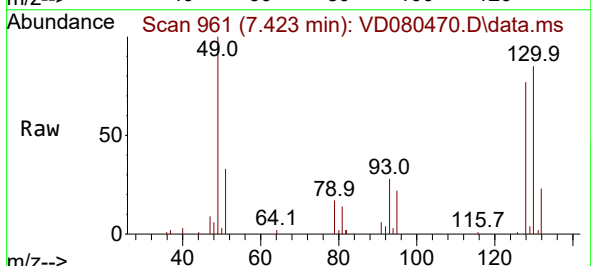
Instrument :
MSVOA_D
ClientSampleId :
VSTD025512

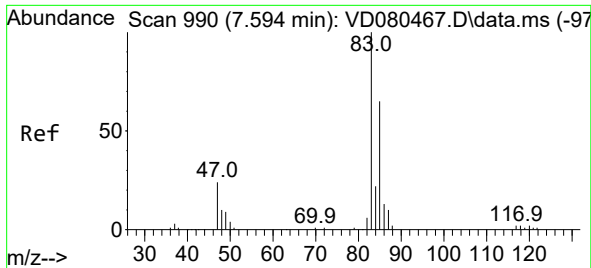
Tgt Ion: 43 Resp: 20538
Ion Ratio Lower Upper
43 100
72 48.0 14.9 44.5#



#23
Bromochloromethane
Concen: 29.83 ug/L
RT: 7.423 min Scan# 961
Delta R.T. 0.000 min
Lab File: VD080470.D
Acq: 23 Jun 2025 11:51

Tgt Ion:128 Resp: 40405
Ion Ratio Lower Upper
128 100
49 129.6 89.5 166.3
130 110.3 82.5 153.1
51 42.4 31.5 47.3

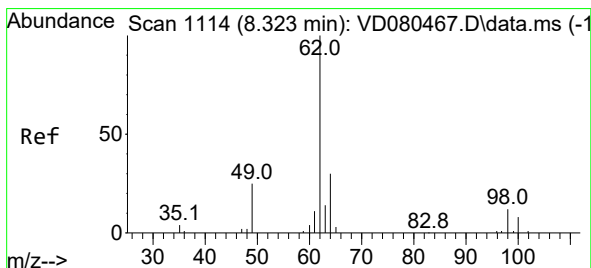
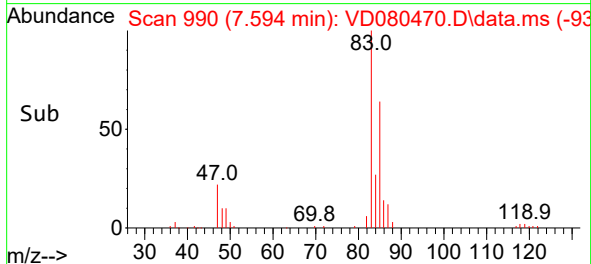
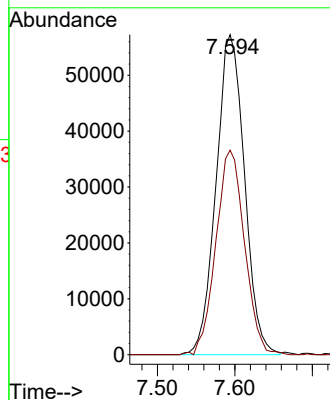
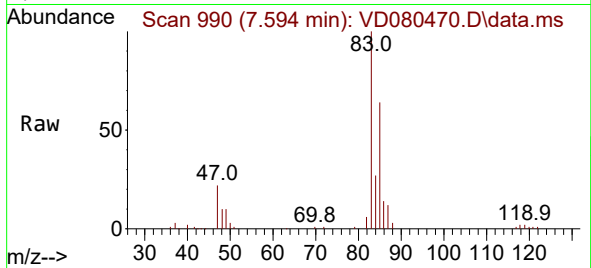




#25
Chloroform
Concen: 29.28 ug/L
RT: 7.594 min Scan# 990
Delta R.T. 0.000 min
Lab File: VD080470.D
Acq: 23 Jun 2025 11:51

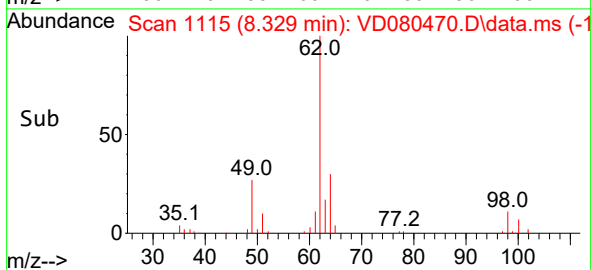
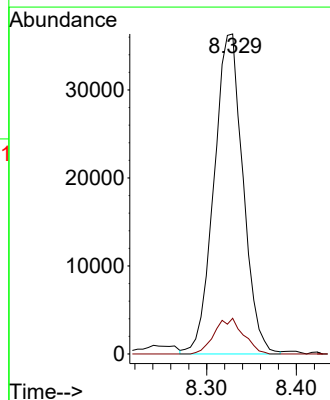
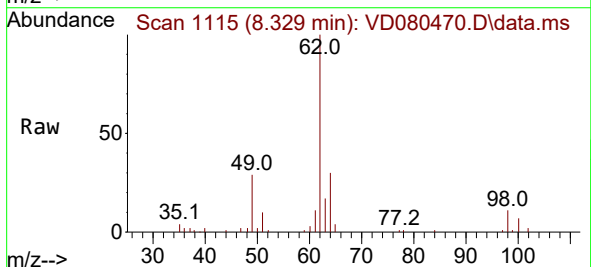
Instrument :
MSVOA_D
ClientSampleId :
VSTD025512

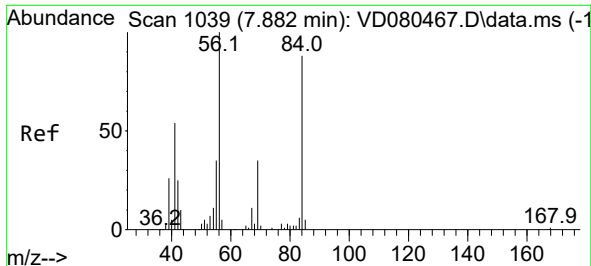
Tgt Ion: 83 Resp: 146098
Ion Ratio Lower Upper
83 100
85 63.9 42.0 78.0



#27
1,2-Dichloroethane
Concen: 29.20 ug/L
RT: 8.329 min Scan# 1115
Delta R.T. 0.006 min
Lab File: VD080470.D
Acq: 23 Jun 2025 11:51

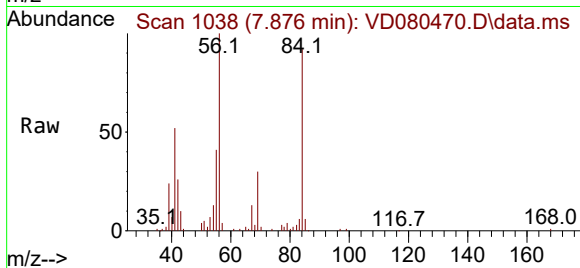
Tgt Ion: 62 Resp: 81780
Ion Ratio Lower Upper
62 100
98 11.2 9.4 14.2



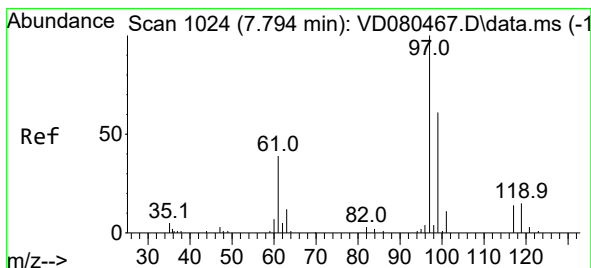
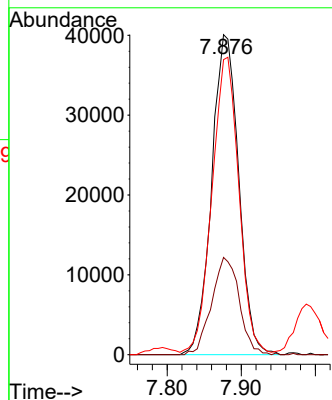
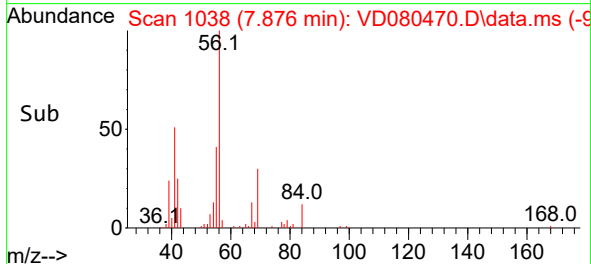


#29
Cyclohexane
Concen: 28.31 ug/L
RT: 7.876 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VD080470.D
Acq: 23 Jun 2025 11:51

Instrument :
MSVOA_D
ClientSampleId :
VSTD025512

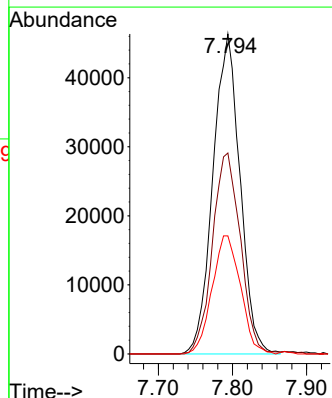
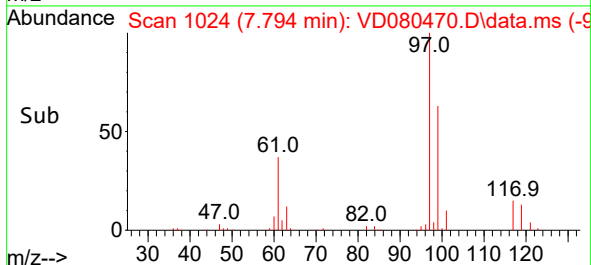
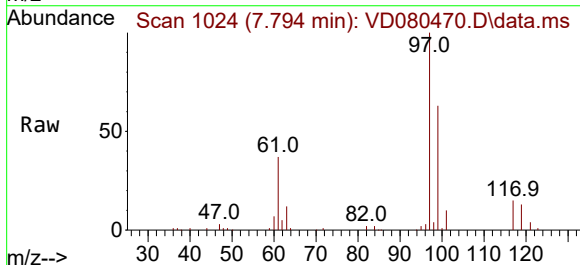


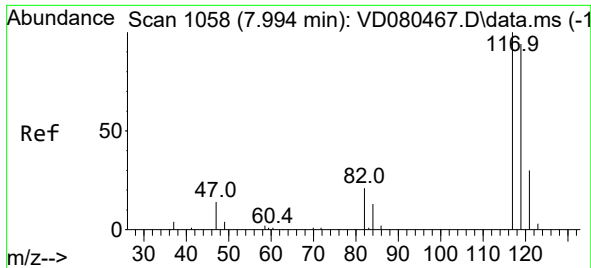
Tgt Ion: 56 Resp: 101466
Ion Ratio Lower Upper
56 100
69 30.7 25.7 38.5
84 93.1 73.4 110.0



#30
1,1,1-Trichloroethane
Concen: 28.86 ug/L
RT: 7.794 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VD080470.D
Acq: 23 Jun 2025 11:51

Tgt Ion: 97 Resp: 117516
Ion Ratio Lower Upper
97 100
99 64.5 51.1 76.7
61 38.8 32.4 48.6

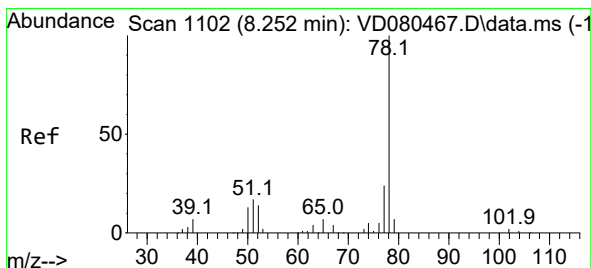
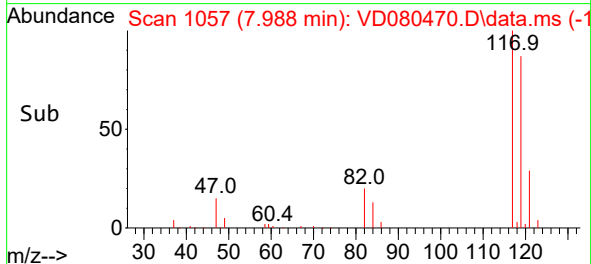
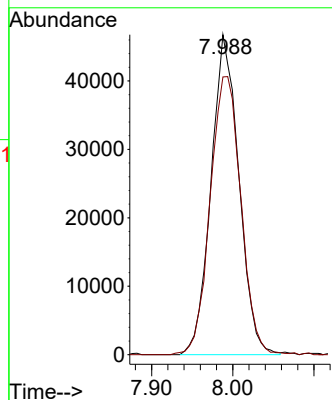
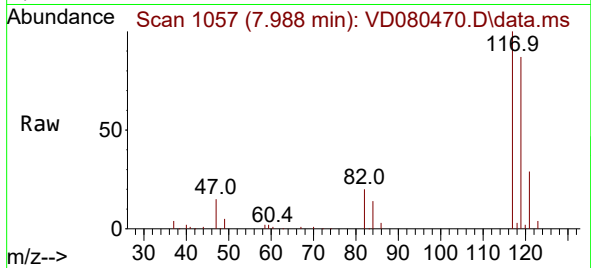




#31
Carbon tetrachloride
Concen: 28.56 ug/L
RT: 7.988 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VD080470.D
Acq: 23 Jun 2025 11:51

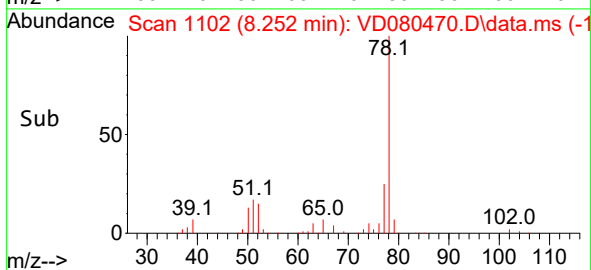
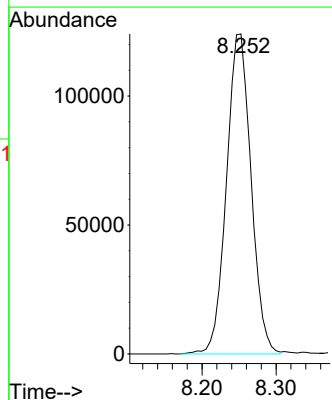
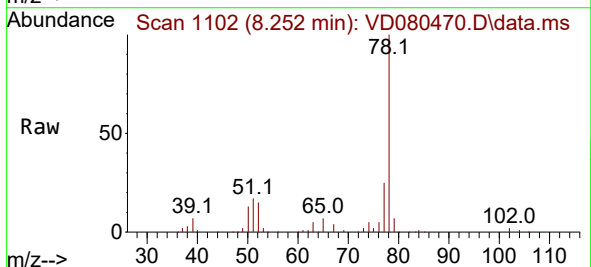
Instrument :
MSVOA_D
ClientSampleId :
VSTD025512

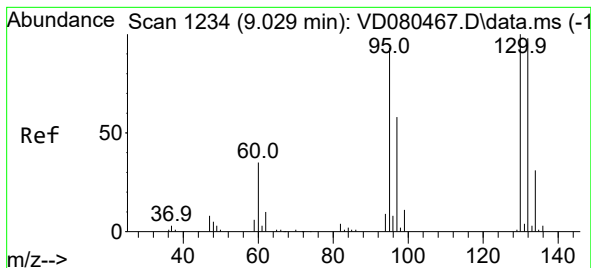
Tgt Ion:117 Resp: 111565
Ion Ratio Lower Upper
117 100
119 95.4 77.2 115.8



#33
Benzene
Concen: 30.24 ug/L
RT: 8.252 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VD080470.D
Acq: 23 Jun 2025 11:51

Tgt Ion: 78 Resp: 286349





#34

Trichloroethene

Concen: 29.00 ug/L

RT: 9.029 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD080470.D

Acq: 23 Jun 2025 11:51

Instrument :

MSVOA_D

ClientSampleId :

VSTD025512

Tgt Ion: 95 Resp: 79238

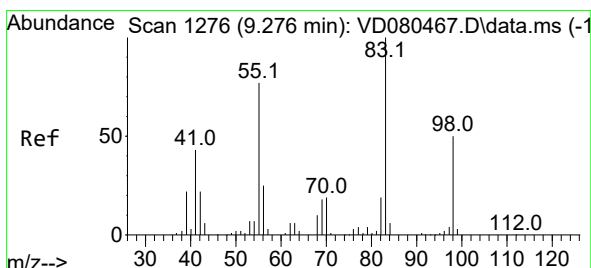
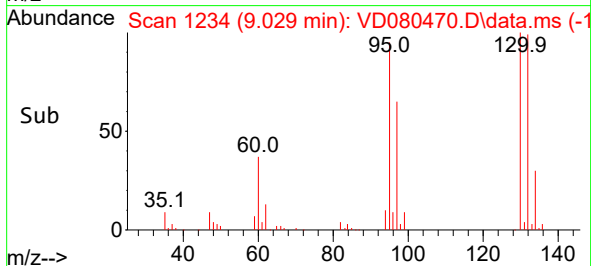
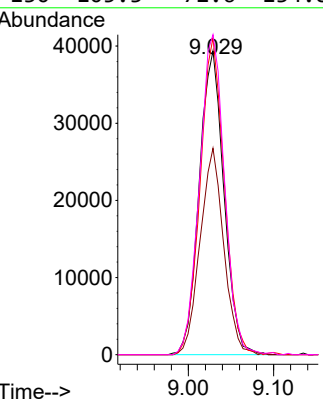
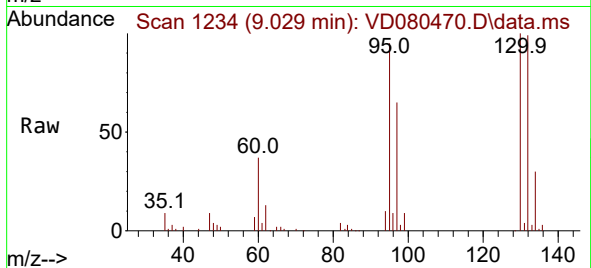
Ion Ratio Lower Upper

95 100

97 68.0 41.5 77.1

132 104.3 69.1 128.3

130 105.3 72.6 134.8



#35

Methylcyclohexane

Concen: 29.37 ug/L

RT: 9.270 min Scan# 1275

Delta R.T. -0.006 min

Lab File: VD080470.D

Acq: 23 Jun 2025 11:51

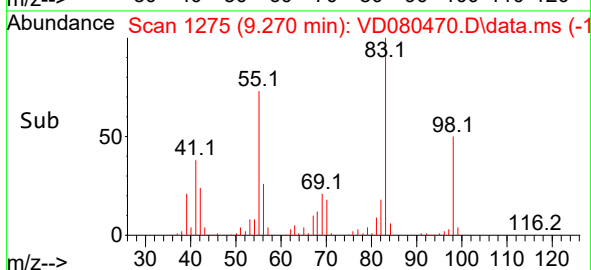
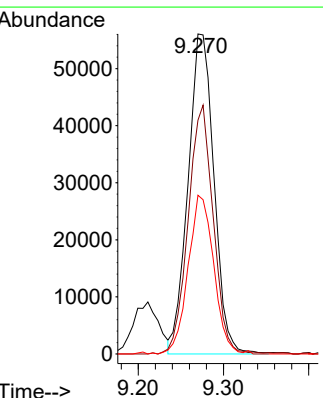
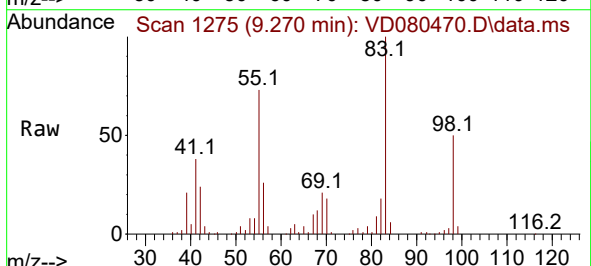
Tgt Ion: 83 Resp: 118550

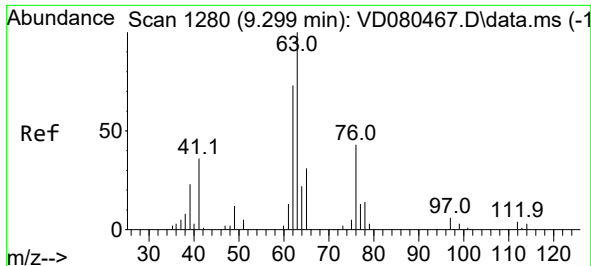
Ion Ratio Lower Upper

83 100

55 74.9 59.7 89.5

98 48.9 38.2 57.2

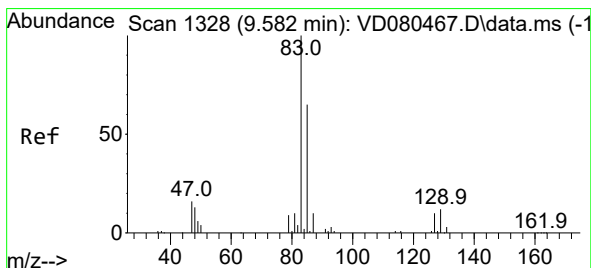
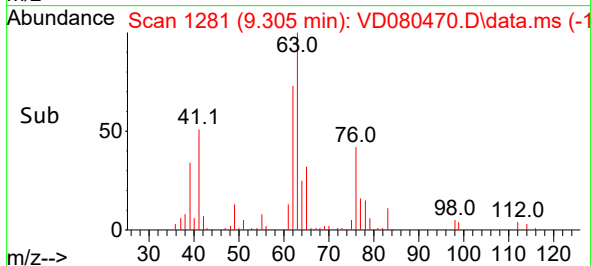
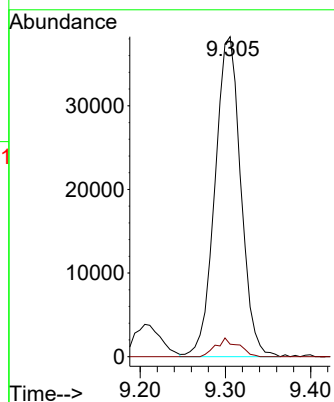
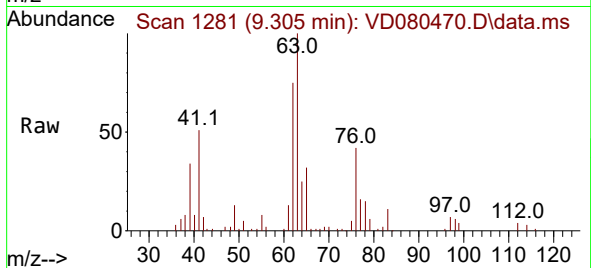




#37
1,2-Dichloropropane
Concen: 30.48 ug/L
RT: 9.305 min Scan# 1281
Delta R.T. 0.006 min
Lab File: VD080470.D
Acq: 23 Jun 2025 11:51

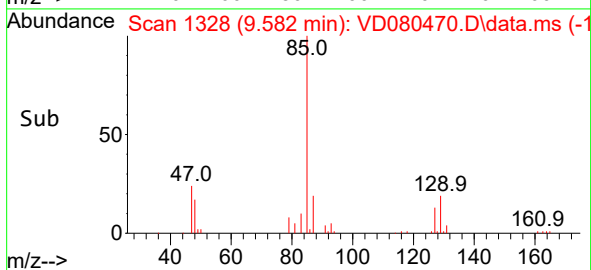
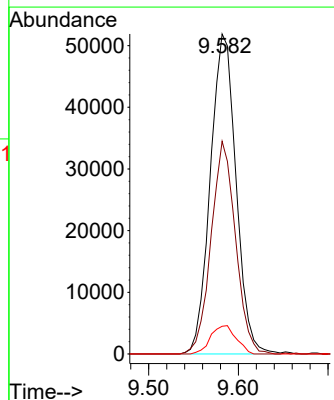
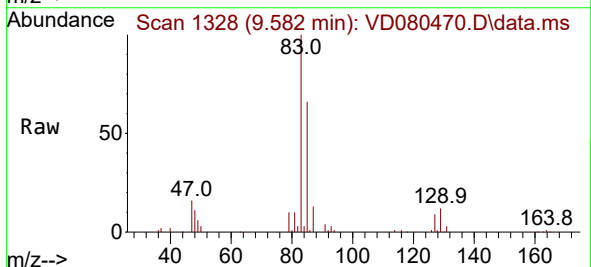
Instrument :
MSVOA_D
ClientSampleId :
VSTD025512

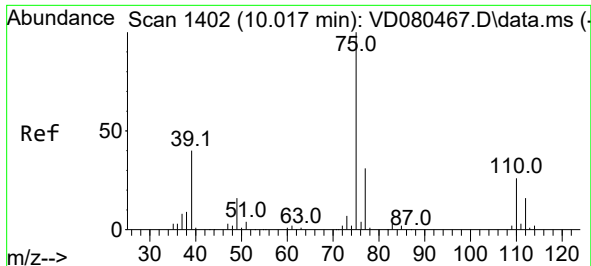
Tgt Ion: 63 Resp: 80502
Ion Ratio Lower Upper
63 100
112 3.9 3.9 5.9#



#38
Bromodichloromethane
Concen: 29.71 ug/L
RT: 9.582 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VD080470.D
Acq: 23 Jun 2025 11:51

Tgt Ion: 83 Resp: 103162
Ion Ratio Lower Upper
83 100
85 66.5 45.2 84.0
127 8.7 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 29.64 ug/L

RT: 10.017 min Scan# 1402

Delta R.T. 0.000 min

Lab File: VD080470.D

Acq: 23 Jun 2025 11:51

Instrument :

MSVOA_D

ClientSampleId :

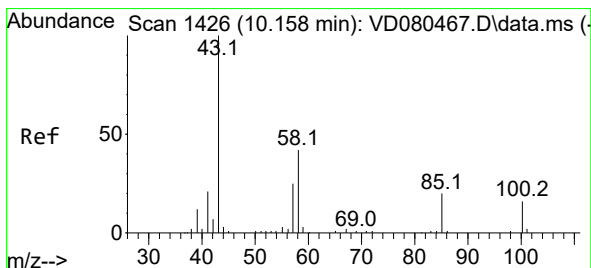
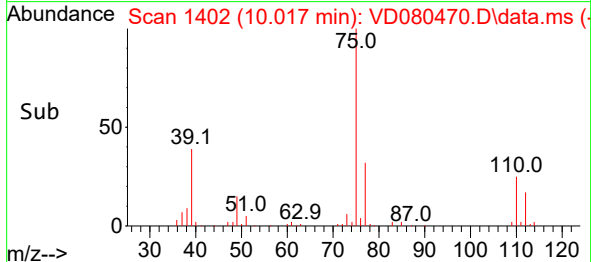
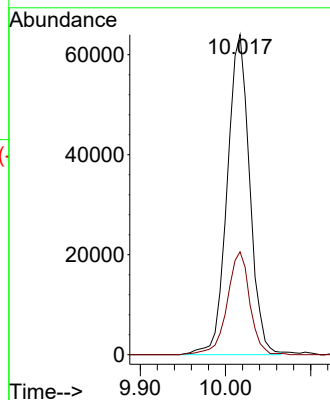
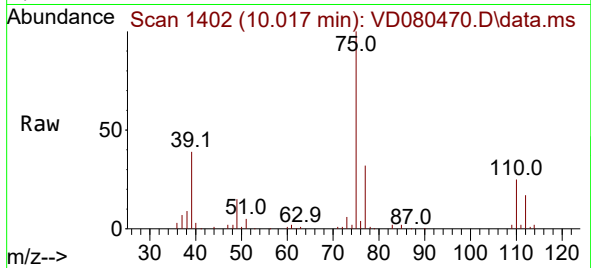
VSTD025512

Tgt Ion: 75 Resp: 117153

Ion Ratio Lower Upper

75 100

77 32.2 24.1 44.7



#40

4-Methyl-2-pentanone

Concen: 56.92 ug/L

RT: 10.158 min Scan# 1426

Delta R.T. 0.000 min

Lab File: VD080470.D

Acq: 23 Jun 2025 11:51

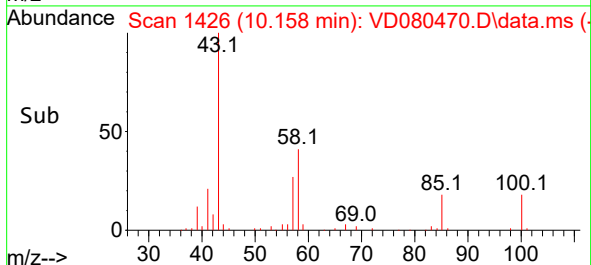
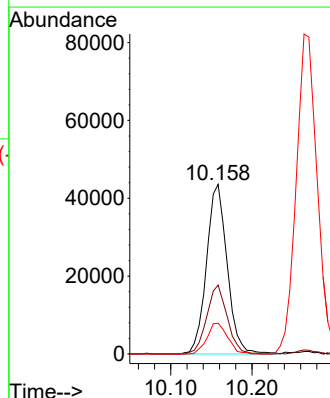
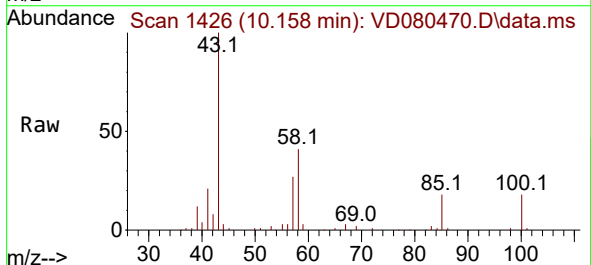
Tgt Ion: 43 Resp: 77050

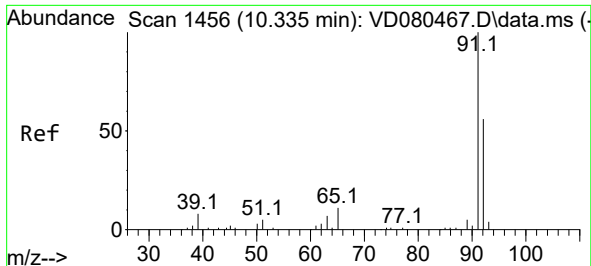
Ion Ratio Lower Upper

43 100

58 40.2 31.7 47.5

100 18.0 13.4 20.0

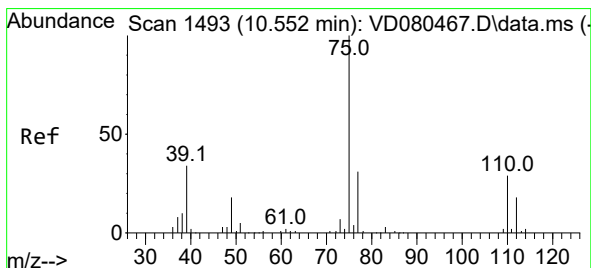
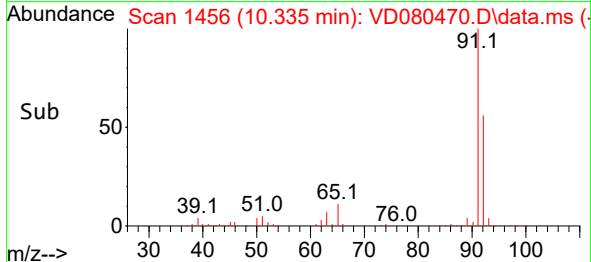
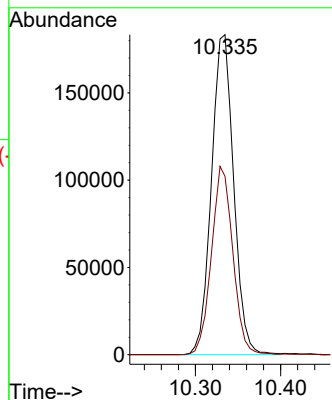
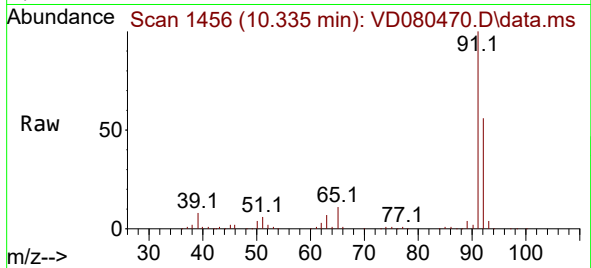




#42
Toluene
Concen: 31.79 ug/L
RT: 10.335 min Scan# 1456
Delta R.T. 0.000 min
Lab File: VD080470.D
Acq: 23 Jun 2025 11:51

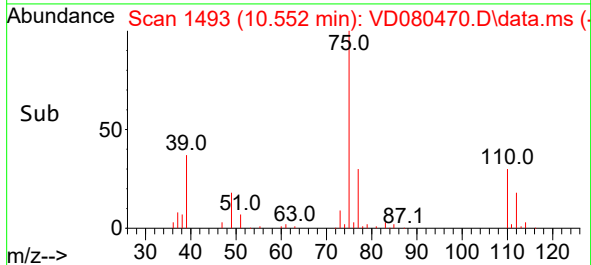
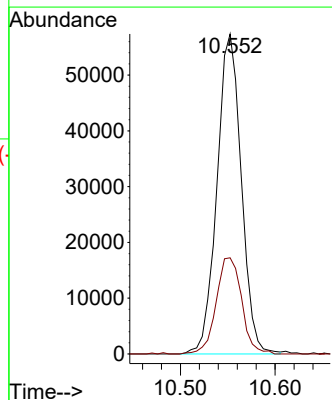
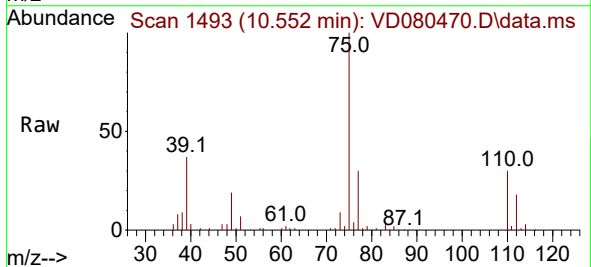
Instrument :
MSVOA_D
ClientSampleId :
VSTD025512

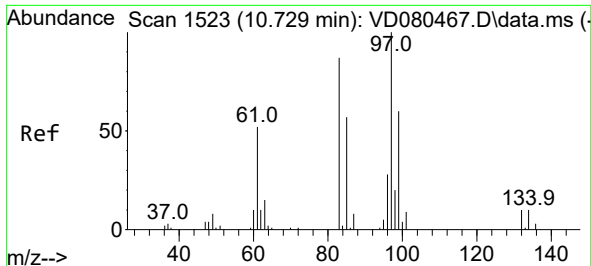
Tgt Ion: 91 Resp: 332845
Ion Ratio Lower Upper
91 100
92 55.8 42.6 79.0



#44
trans-1,3-Dichloropropene
Concen: 30.61 ug/L
RT: 10.552 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VD080470.D
Acq: 23 Jun 2025 11:51

Tgt Ion: 75 Resp: 102398
Ion Ratio Lower Upper
75 100
77 30.1 21.8 40.6

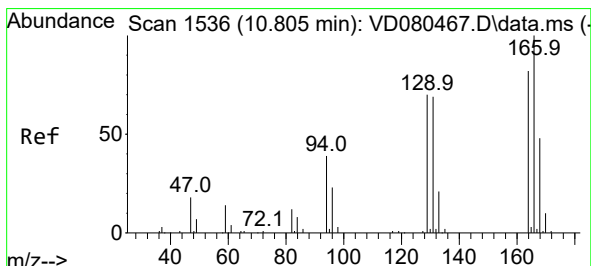
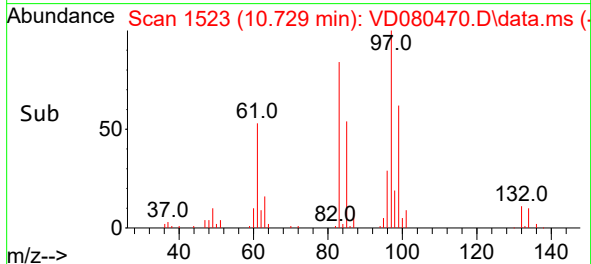
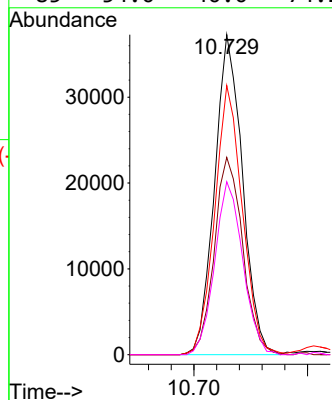
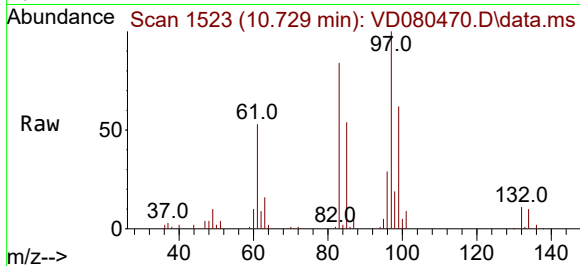




#45
1,1,2-Trichloroethane
Concen: 29.56 ug/L
RT: 10.729 min Scan# 1523
Delta R.T. 0.000 min
Lab File: VD080470.D
Acq: 23 Jun 2025 11:51

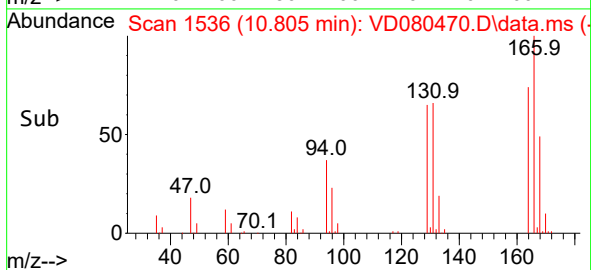
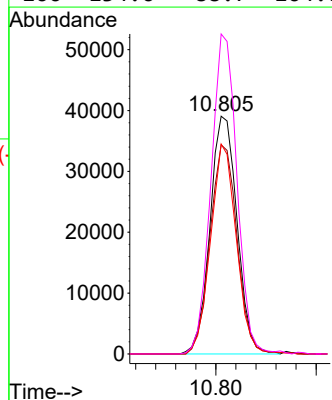
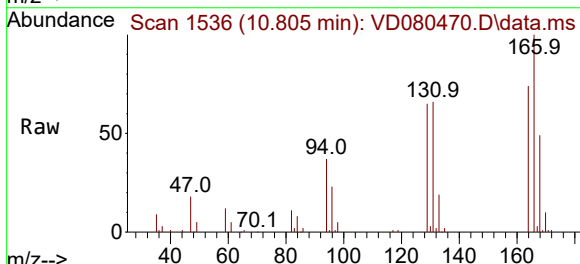
Instrument :
MSVOA_D
ClientSampleId :
VSTD025512

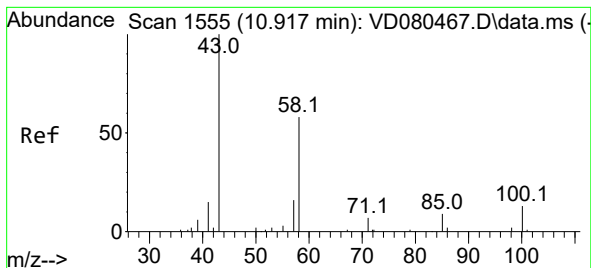
Tgt Ion: 97	Resp: 63445
Ion Ratio	Lower Upper
97 100	
99 61.7	46.5 86.3
83 84.1	58.5 108.7
85 54.0	40.0 74.2



#46
Tetrachloroethene
Concen: 29.91 ug/L
RT: 10.805 min Scan# 1536
Delta R.T. 0.000 min
Lab File: VD080470.D
Acq: 23 Jun 2025 11:51

Tgt	Ion:164	Resp:	73072
Ion	Ratio	Lower	Upper
164	100		
129	88.0	59.7	110.9
131	88.3	58.7	109.1
166	134.6	88.7	164.7





#48

2-Hexanone

Concen: 59.03 ug/L

RT: 10.917 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD080470.D

Acq: 23 Jun 2025 11:51

Instrument :

MSVOA_D

ClientSampleId :

VSTD025512

Tgt Ion: 43 Resp: 58231

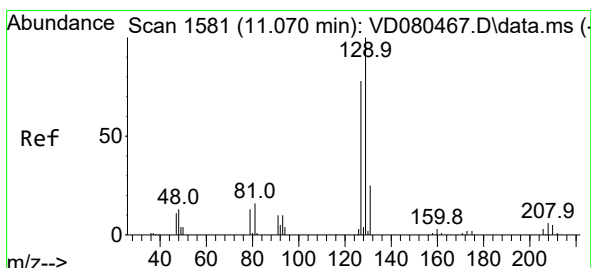
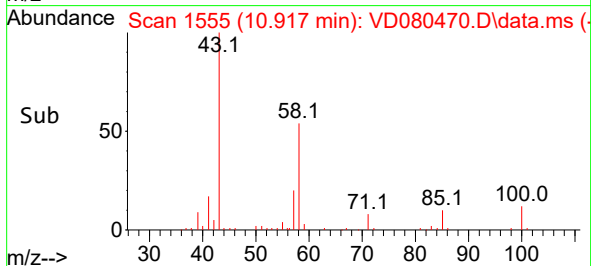
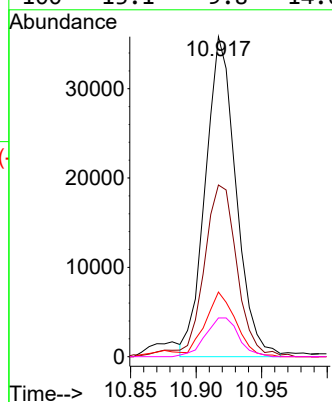
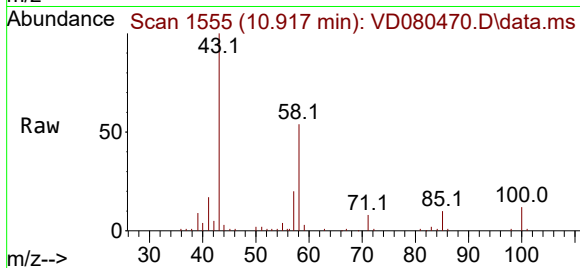
Ion Ratio Lower Upper

43 100

58 57.0 43.8 65.6

57 19.9 15.6 23.4

100 13.1 9.8 14.6



#49

Dibromochloromethane

Concen: 30.41 ug/L

RT: 11.070 min Scan# 1581

Delta R.T. 0.000 min

Lab File: VD080470.D

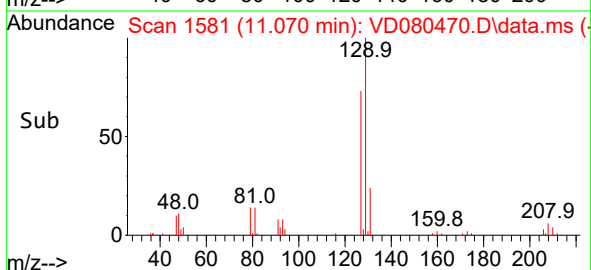
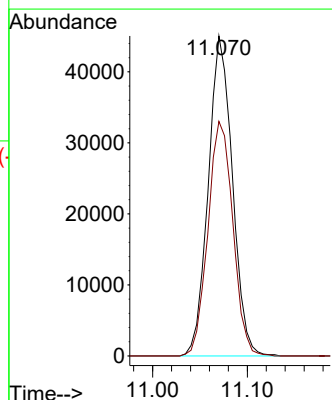
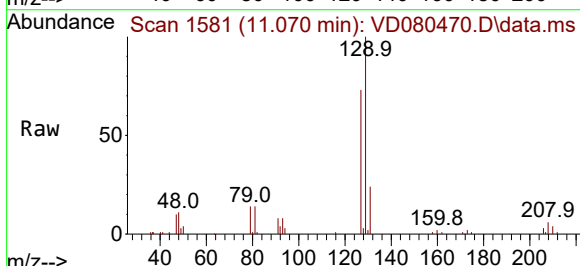
Acq: 23 Jun 2025 11:51

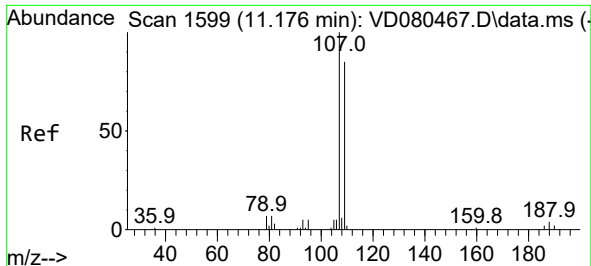
Tgt Ion:129 Resp: 79728

Ion Ratio Lower Upper

129 100

127 73.3 54.1 100.5

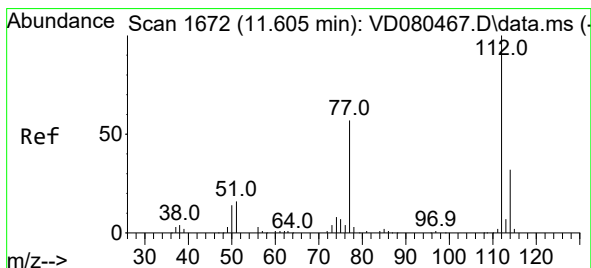
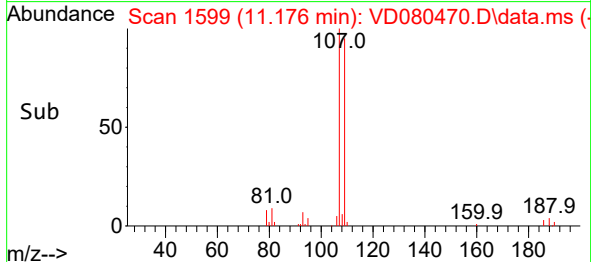
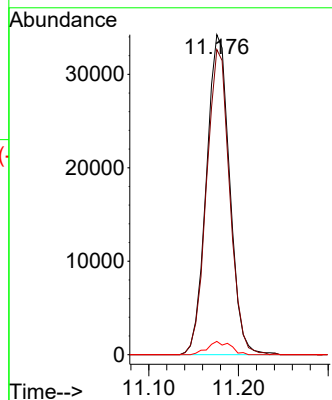
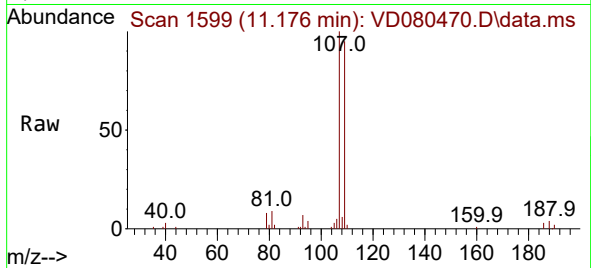




#50
1,2-Dibromoethane
Concen: 29.84 ug/L
RT: 11.176 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VD080470.D
Acq: 23 Jun 2025 11:51

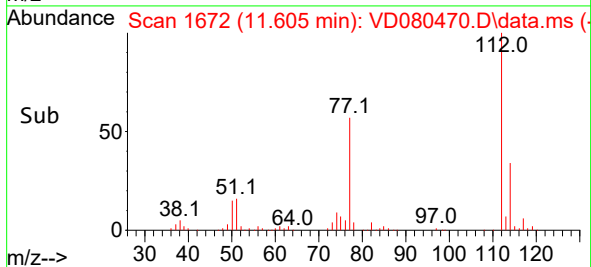
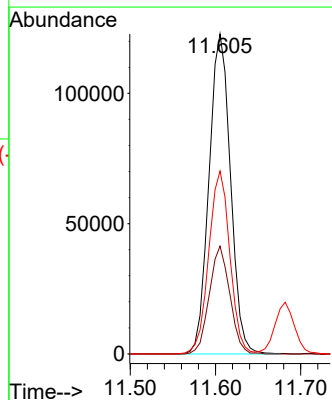
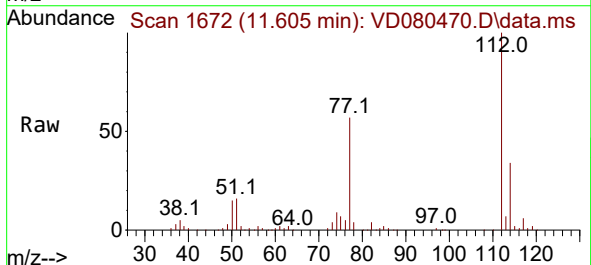
Instrument :
MSVOA_D
ClientSampleId :
VSTD025512

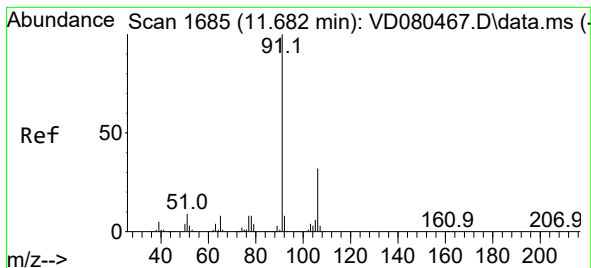
Tgt Ion:107 Resp: 61736
Ion Ratio Lower Upper
107 100
109 95.4 69.8 129.6
188 4.2 2.9 4.3



#51
Chlorobenzene
Concen: 29.82 ug/L
RT: 11.605 min Scan# 1672
Delta R.T. 0.000 min
Lab File: VD080470.D
Acq: 23 Jun 2025 11:51

Tgt Ion:112 Resp: 215310
Ion Ratio Lower Upper
112 100
114 33.7 22.3 41.3
77 57.2 44.2 66.4

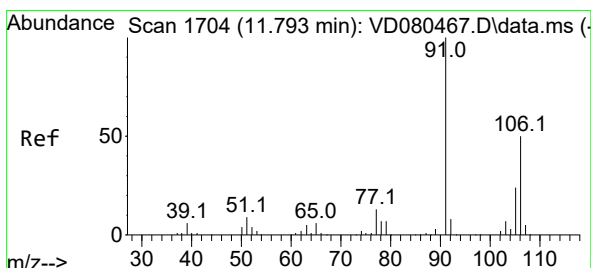
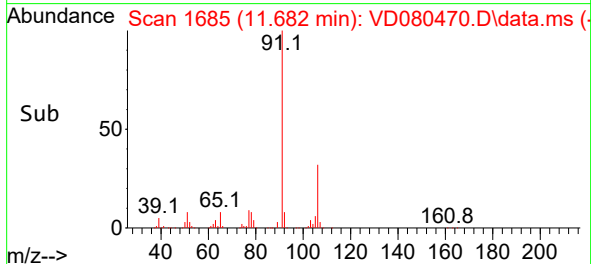
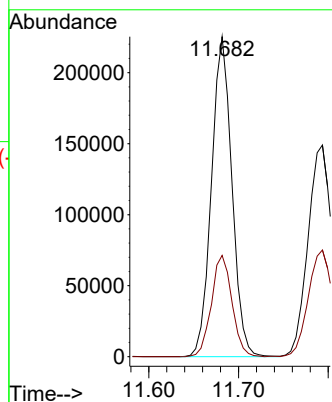
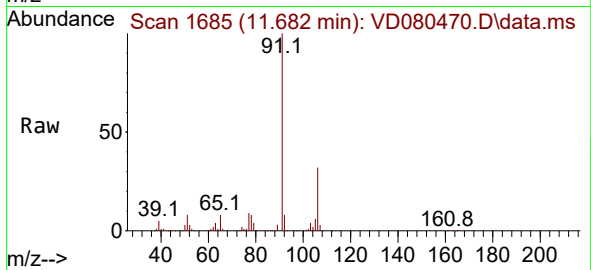




#52
Ethylbenzene
Concen: 31.37 ug/L
RT: 11.682 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD080470.D
Acq: 23 Jun 2025 11:51

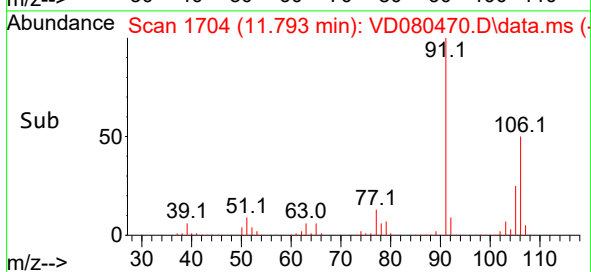
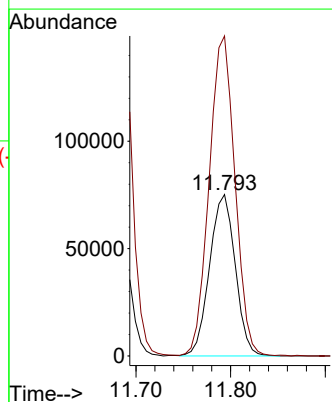
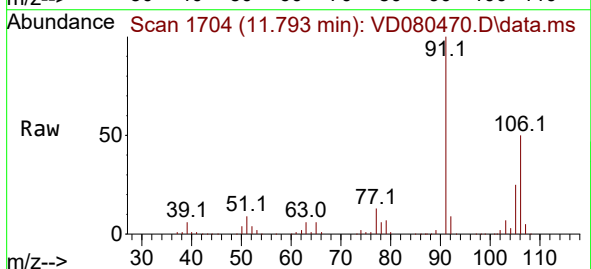
Instrument :
MSVOA_D
ClientSampleId :
VSTD025512

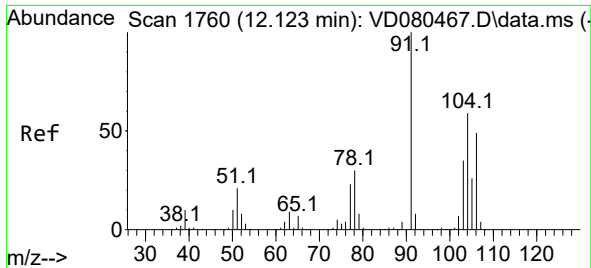
Tgt Ion: 91 Resp: 356198
Ion Ratio Lower Upper
91 100
106 31.6 22.1 41.1



#53
m,p-Xylene
Concen: 31.82 ug/L
RT: 11.793 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD080470.D
Acq: 23 Jun 2025 11:51

Tgt Ion:106 Resp: 141791
Ion Ratio Lower Upper
106 100
91 198.2 134.1 249.1

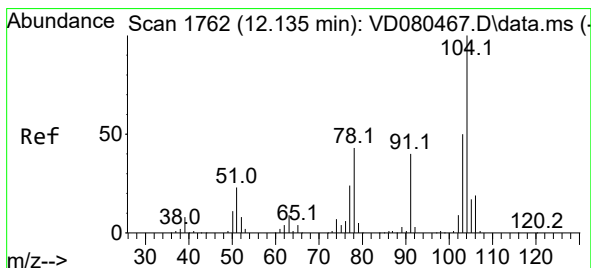
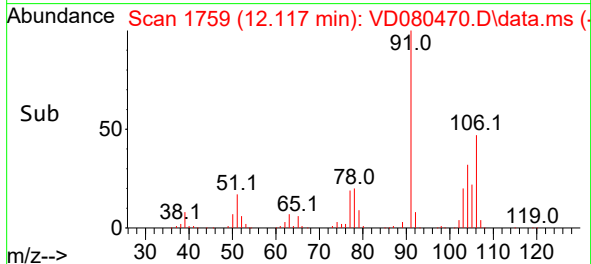
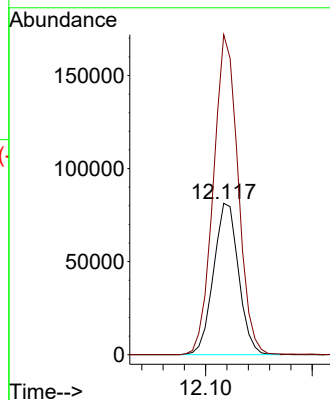
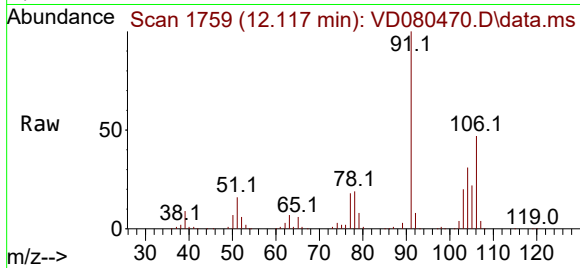




#54
o-Xylene
Concen: 31.57 ug/L
RT: 12.117 min Scan# 1759
Delta R.T. -0.006 min
Lab File: VD080470.D
Acq: 23 Jun 2025 11:51

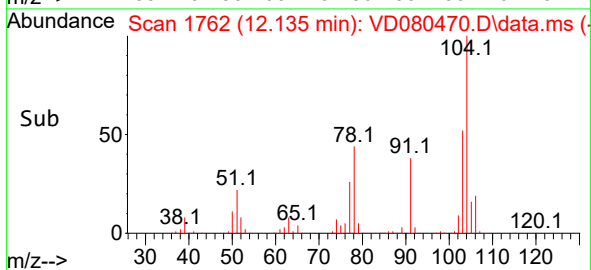
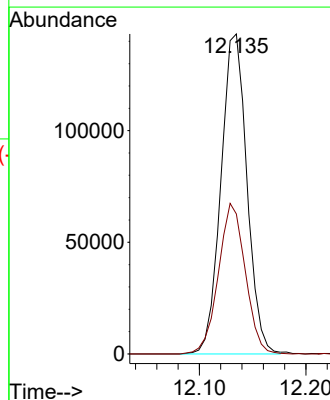
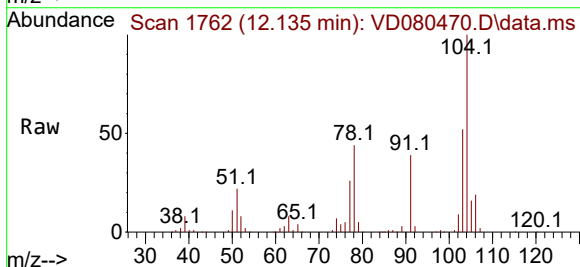
Instrument :
MSVOA_D
ClientSampleId :
VSTD025512

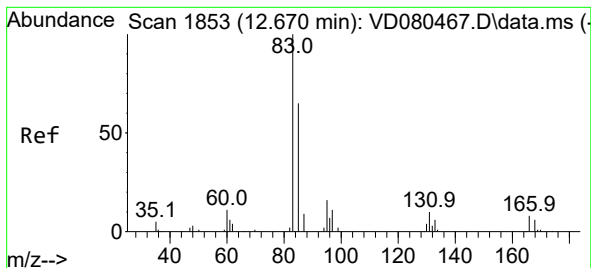
Tgt Ion:106 Resp: 132571
Ion Ratio Lower Upper
106 100
91 211.4 148.3 275.3



#55
Styrene
Concen: 32.80 ug/L
RT: 12.135 min Scan# 1762
Delta R.T. 0.000 min
Lab File: VD080470.D
Acq: 23 Jun 2025 11:51

Tgt Ion:104 Resp: 242898
Ion Ratio Lower Upper
104 100
78 43.7 30.0 55.8

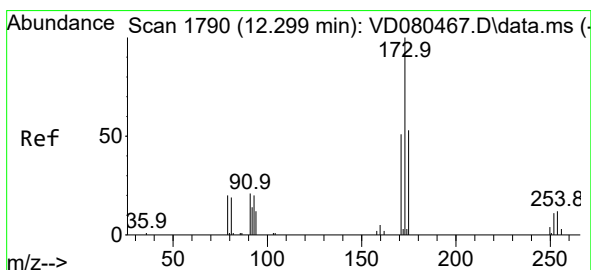
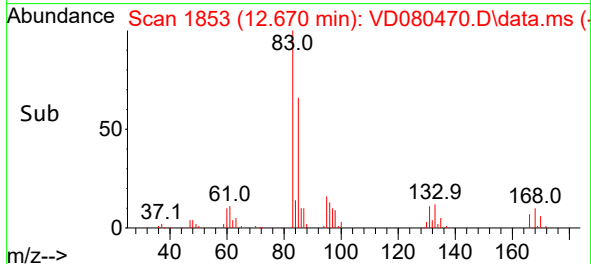
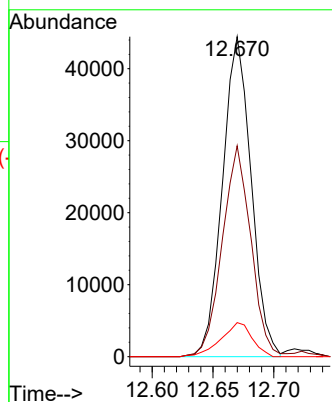
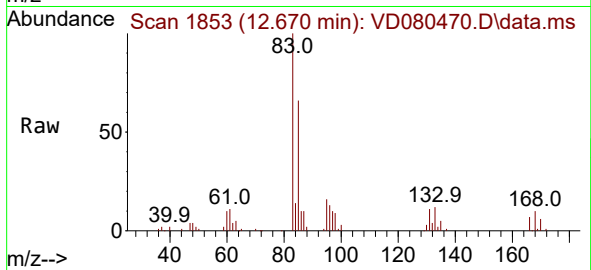




#57
1,1,2,2-Tetrachloroethane
Concen: 27.81 ug/L
RT: 12.670 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD080470.D
Acq: 23 Jun 2025 11:51

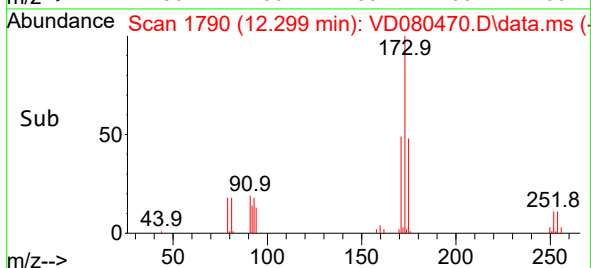
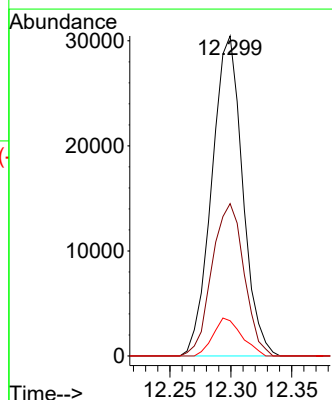
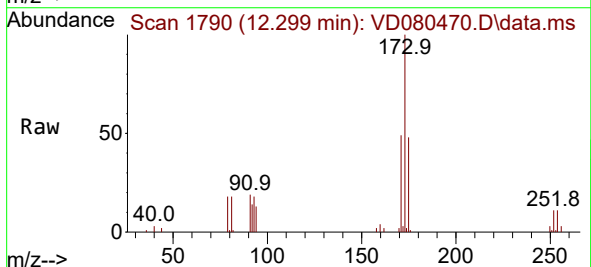
Instrument :
MSVOA_D
ClientSampleId :
VSTD025512

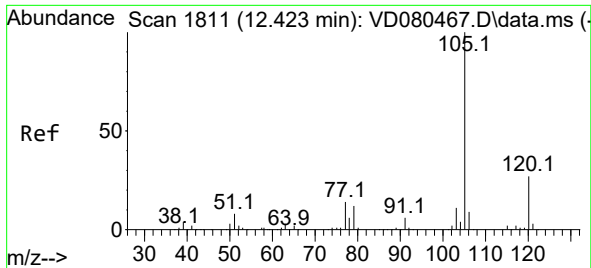
Tgt Ion: 83 Resp: 72902
Ion Ratio Lower Upper
83 100
85 65.9 42.8 79.6
131 10.7 7.8 11.8



#59
Bromoform
Concen: 27.58 ug/L
RT: 12.299 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VD080470.D
Acq: 23 Jun 2025 11:51

Tgt Ion: 173 Resp: 53566
Ion Ratio Lower Upper
173 100
175 49.6 38.2 57.4
254 11.0 9.0 13.4

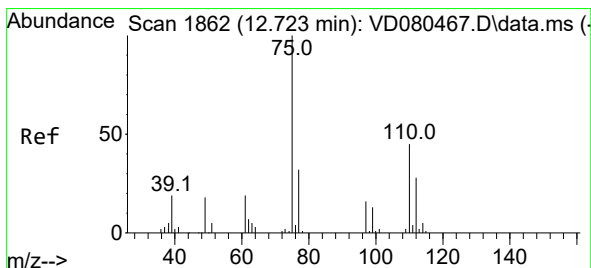
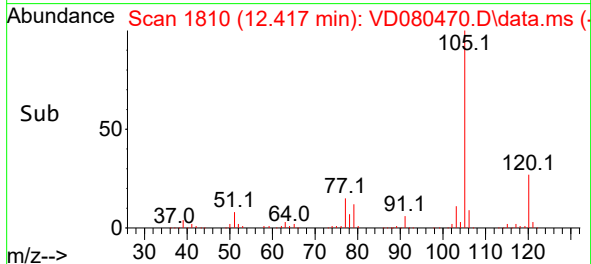
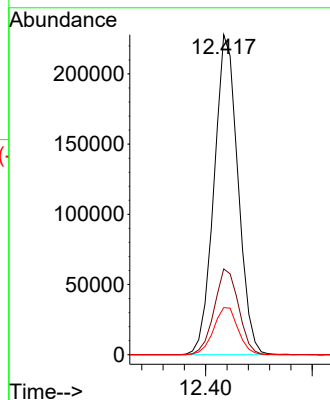
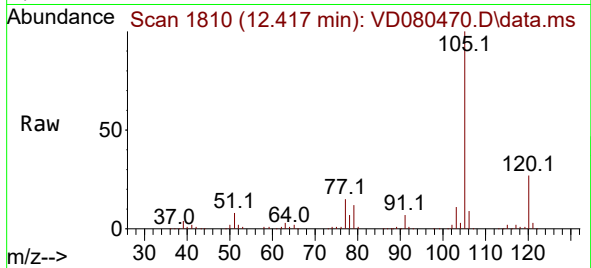




#60
Isopropylbenzene
Concen: 30.25 ug/L
RT: 12.417 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VD080470.D
Acq: 23 Jun 2025 11:51

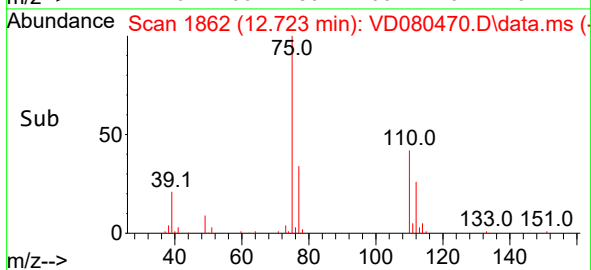
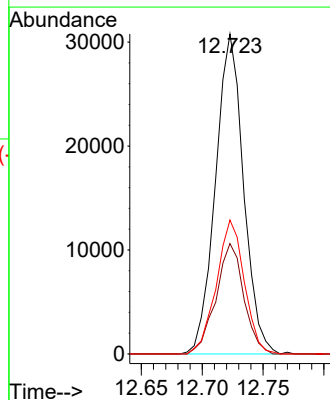
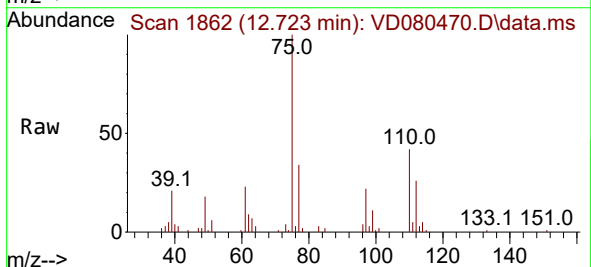
Instrument :
MSVOA_D
ClientSampleId :
VSTD025512

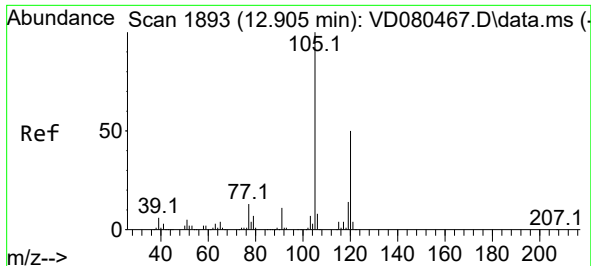
Tgt Ion:105 Resp: 354392
Ion Ratio Lower Upper
105 100
120 27.3 22.1 33.1
77 15.1 12.1 18.1



#61
1,2,3-Trichloropropane
Concen: 26.56 ug/L
RT: 12.723 min Scan# 1862
Delta R.T. 0.000 min
Lab File: VD080470.D
Acq: 23 Jun 2025 11:51

Tgt Ion: 75 Resp: 49324
Ion Ratio Lower Upper
75 100
77 34.2 26.8 40.2
110 41.7 33.0 49.4

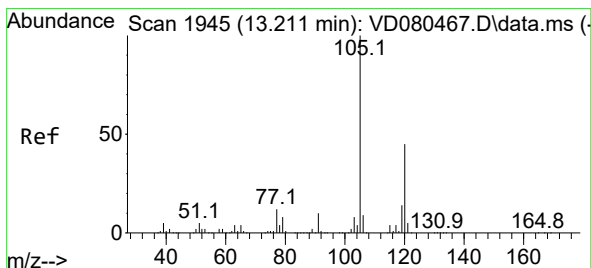
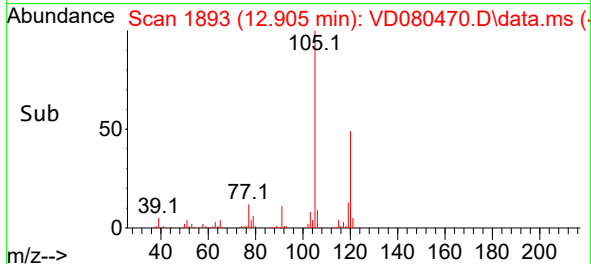
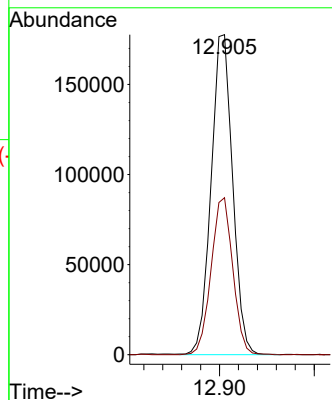
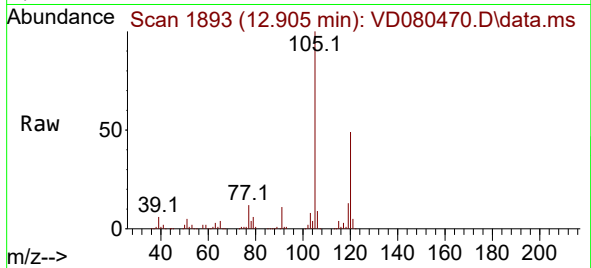




#62
 1,3,5-Trimethylbenzene
 Concen: 31.02 ug/L
 RT: 12.905 min Scan# 1893
 Delta R.T. 0.000 min
 Lab File: VD080470.D
 Acq: 23 Jun 2025 11:51

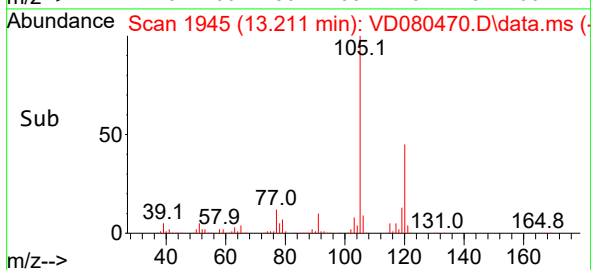
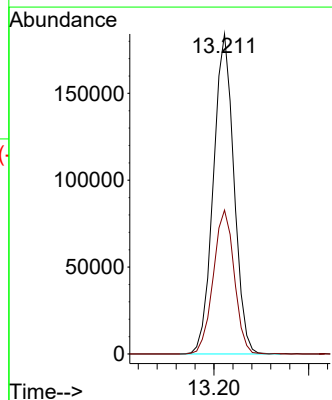
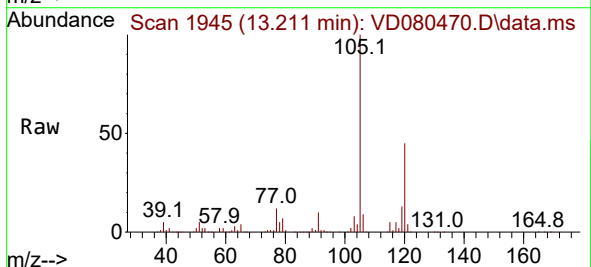
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025512

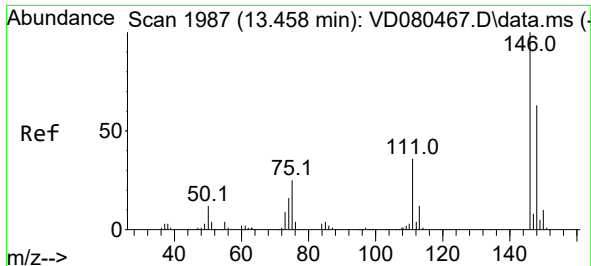
Tgt Ion:105 Resp: 280349
 Ion Ratio Lower Upper
 105 100
 120 49.3 40.1 60.1



#63
 1,2,4-Trimethylbenzene
 Concen: 31.12 ug/L
 RT: 13.211 min Scan# 1945
 Delta R.T. 0.000 min
 Lab File: VD080470.D
 Acq: 23 Jun 2025 11:51

Tgt Ion:105 Resp: 277727
 Ion Ratio Lower Upper
 105 100
 120 45.8 37.5 56.3

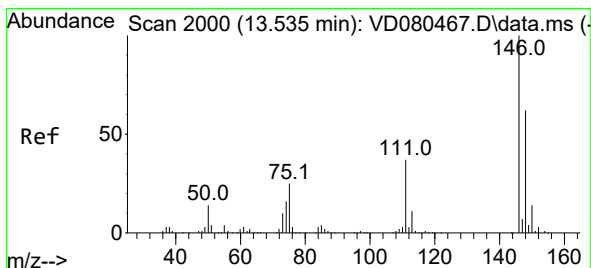
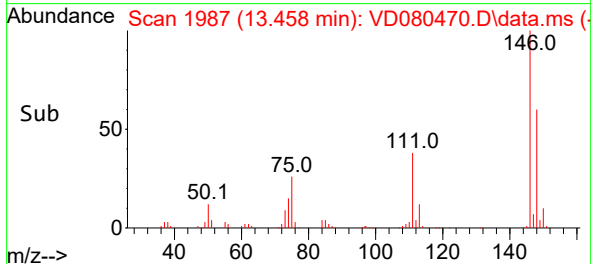
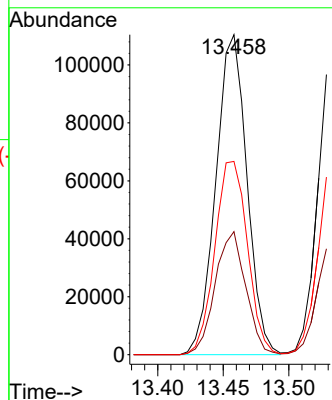
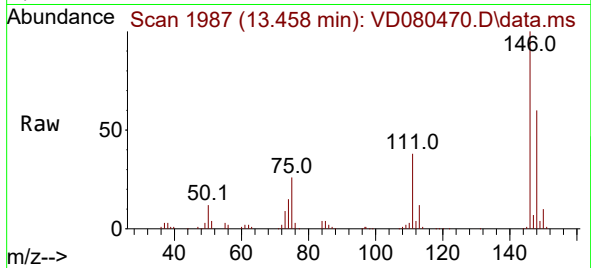




#64
1,3-Dichlorobenzene
Concen: 29.70 ug/L
RT: 13.458 min Scan# 1987
Delta R.T. 0.000 min
Lab File: VD080470.D
Acq: 23 Jun 2025 11:51

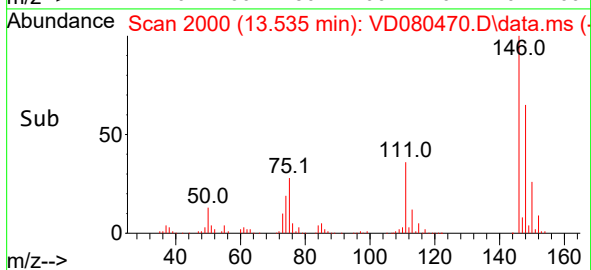
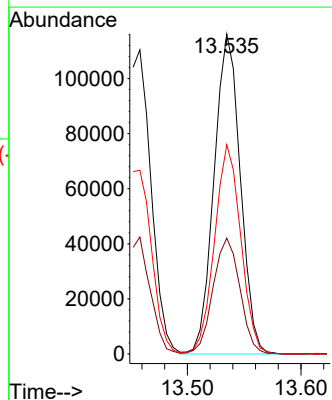
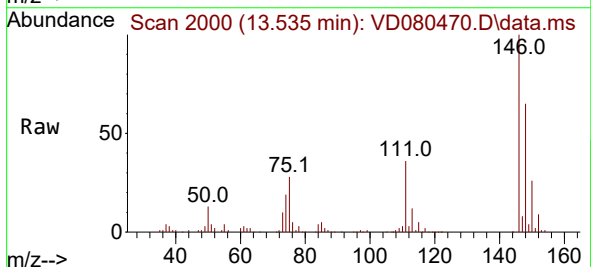
Instrument :
MSVOA_D
ClientSampleId :
VSTD025512

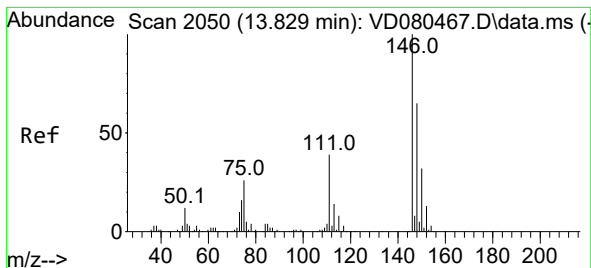
Tgt Ion:146 Resp: 182241
Ion Ratio Lower Upper
146 100
111 38.5 25.4 47.2
148 60.4 42.8 79.6



#65
1,4-Dichlorobenzene
Concen: 29.22 ug/L
RT: 13.535 min Scan# 2000
Delta R.T. 0.000 min
Lab File: VD080470.D
Acq: 23 Jun 2025 11:51

Tgt Ion:146 Resp: 186587
Ion Ratio Lower Upper
146 100
111 36.2 24.5 45.5
148 65.4 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 29.35 ug/L

RT: 13.829 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VD080470.D

Acq: 23 Jun 2025 11:51

Instrument :

MSVOA_D

ClientSampleId :

VSTD025512

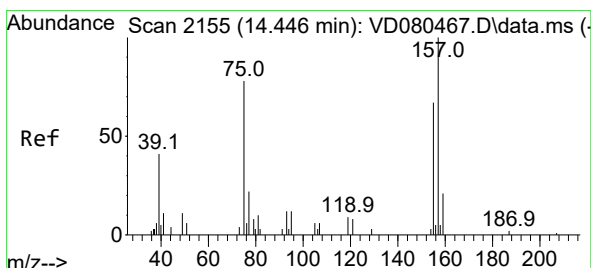
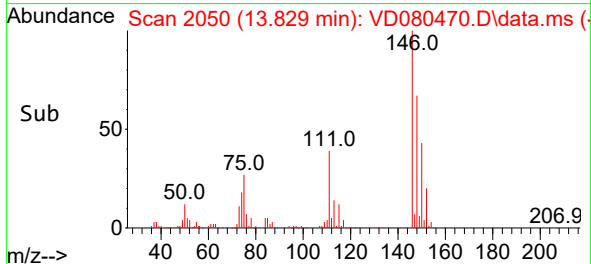
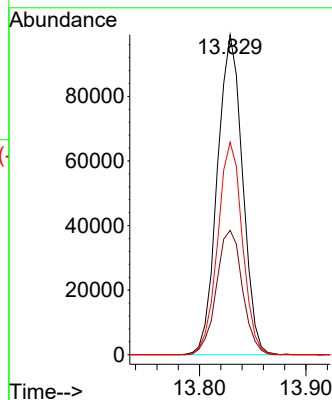
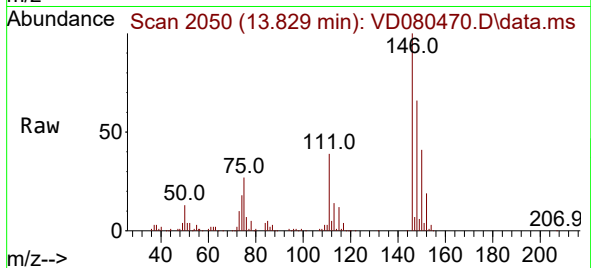
Tgt Ion:146 Resp: 162600

Ion Ratio Lower Upper

146 100

111 38.9 32.0 48.0

148 66.4 49.7 74.5



#68

1,2-Dibromo-3-chloropropane

Concen: 25.18 ug/L

RT: 14.446 min Scan# 2155

Delta R.T. 0.000 min

Lab File: VD080470.D

Acq: 23 Jun 2025 11:51

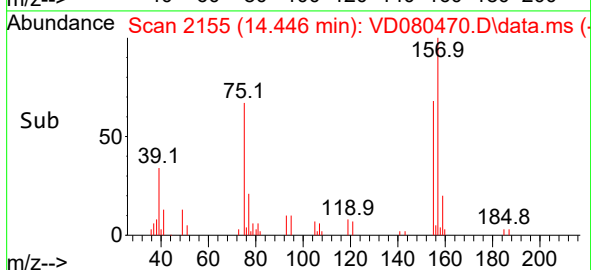
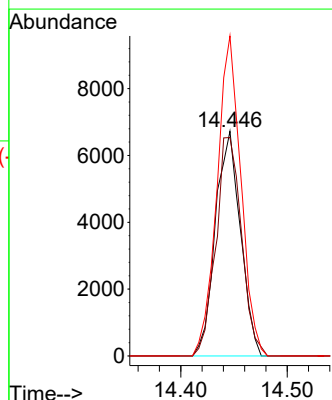
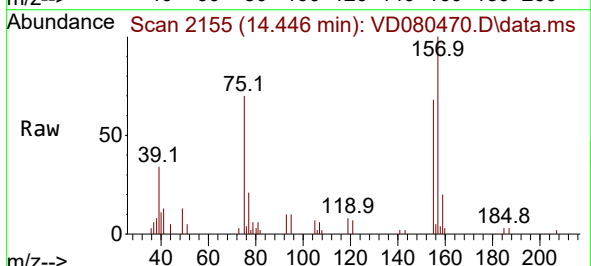
Tgt Ion: 75 Resp: 10955

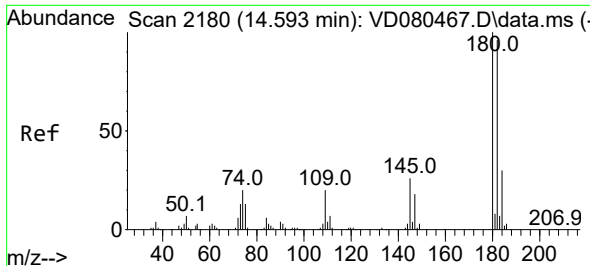
Ion Ratio Lower Upper

75 100

155 97.2 86.2 129.2

157 142.5 94.0 141.0#

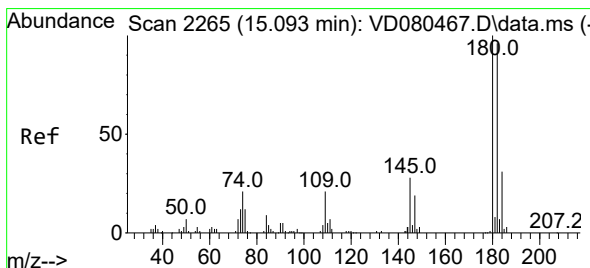
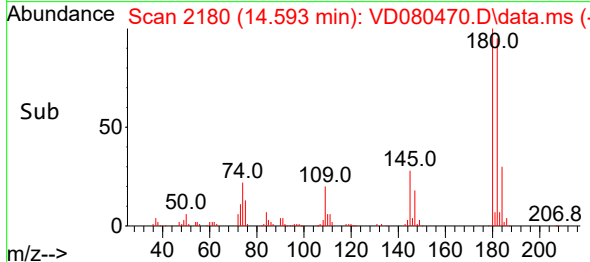
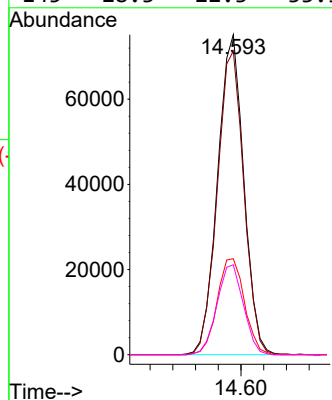
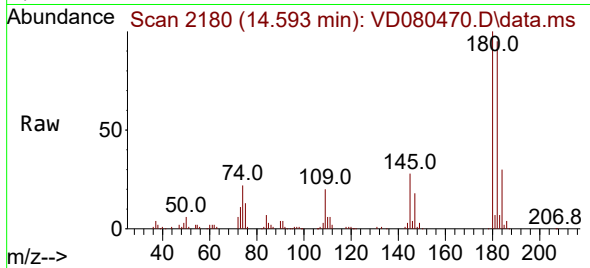




#69
 1,3,5-Trichlorobenzene
 Concen: 28.40 ug/L
 RT: 14.593 min Scan# 2180
 Delta R.T. 0.000 min
 Lab File: VD080470.D
 Acq: 23 Jun 2025 11:51

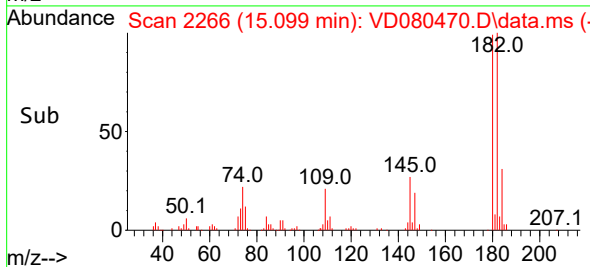
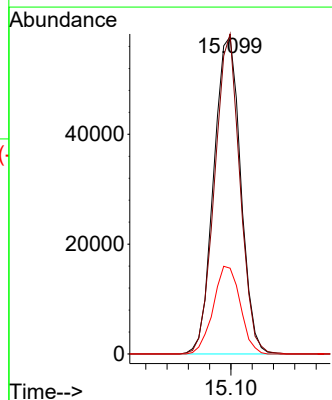
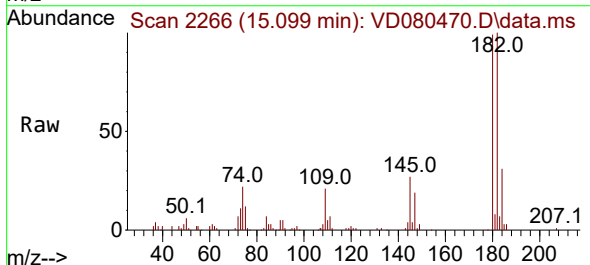
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025512

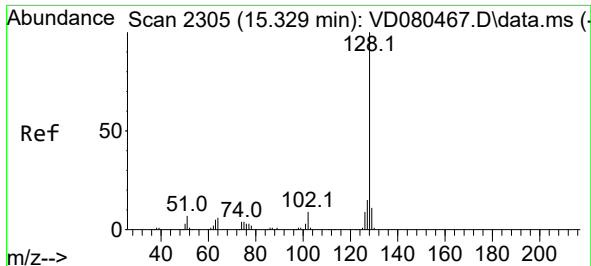
Tgt Ion:180	Resp:	120427
Ion Ratio	Lower	Upper
180	100	
182	96.0	77.0 115.4
184	31.2	24.9 37.3
145	28.3	22.3 33.5



#70
 1,2,4-trichlorobenzene
 Concen: 29.15 ug/L
 RT: 15.099 min Scan# 2266
 Delta R.T. 0.006 min
 Lab File: VD080470.D
 Acq: 23 Jun 2025 11:51

Tgt Ion:180	Resp:	101143
Ion Ratio	Lower	Upper
180	100	
182	94.6	76.0 114.0
145	27.7	22.2 33.4

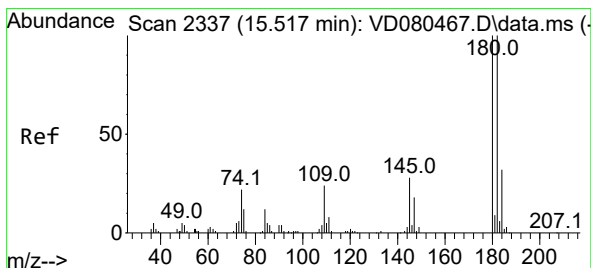
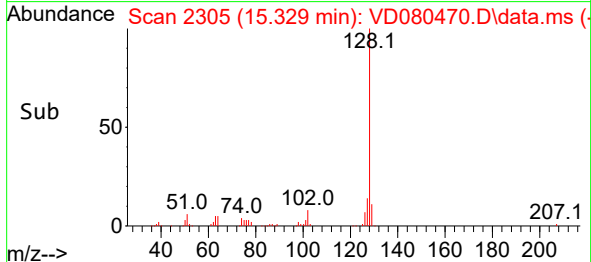
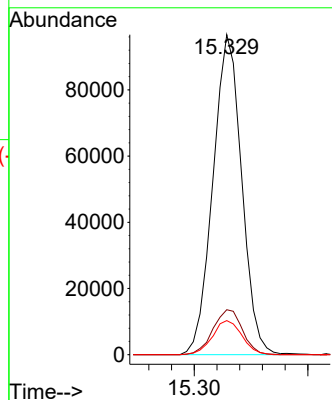
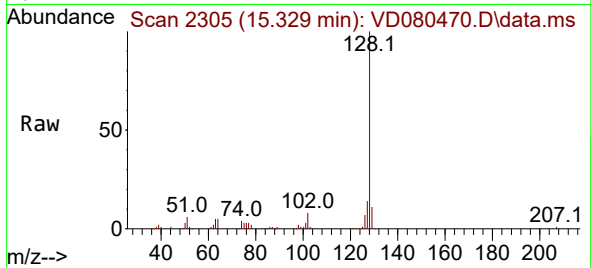




#71
Naphthalene
Concen: 26.97 ug/L
RT: 15.329 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD080470.D
Acq: 23 Jun 2025 11:51

Instrument :
MSVOA_D
ClientSampleId :
VSTD025512

Tgt Ion:128 Resp: 170085
Ion Ratio Lower Upper
128 100
127 14.4 11.0 16.6
129 10.9 9.0 13.4



#72
1,2,3-Trichlorobenzene
Concen: 29.04 ug/L
RT: 15.517 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD080470.D
Acq: 23 Jun 2025 11:51

Tgt Ion:180 Resp: 94471
Ion Ratio Lower Upper
180 100
182 94.1 74.7 112.1
145 30.3 24.2 36.4

