

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061925\
 Data File : VD080460.D
 Acq On : 19 Jun 2025 14:11
 Operator : RP/MD
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025509

Quant Time: Jun 20 09:46:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061825SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 20 09:43:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.776	114	179678	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.582	117	169228	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.517	152	96586	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	67983	22.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.28%
7) Chloroethane-d5	2.806	69	63207	24.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.28%
11) 1,1-Dichloroethene-d2	3.917	65	23743	23.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.40%
21) 2-Butanone-d5	6.988	46	20718	41.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.04%
24) Chloroform-d	7.564	84	126516	25.57	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.28%
26) 1,2-Dichloroethane-d4	8.223	65	60087	23.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	8.200	84	248540	26.71	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.84%
36) 1,2-Dichloropropane-d6	9.211	67	75883	24.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.40%
41) Toluene-d8	10.264	98	241311	27.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	110.96%
43) trans-1,3-Dichloroprop...	10.523	79	31591	24.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.32%
47) 2-Hexanone-d5	10.876	63	17986	38.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.58%
56) 1,1,2,2-Tetrachloroeth...	12.646	84	62335	22.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.32%
66) 1,2-Dichlorobenzene-d4	13.811	152	87520	24.99	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.96%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.935	85	58935	20.73	ug/L	99
3) Chloromethane	2.147	50	64177	24.05	ug/L	99
5) Vinyl chloride	2.288	62	79496	24.42	ug/L	95
6) Bromomethane	2.694	94	53898	26.66	ug/L	97
8) Chloroethane	2.841	64	55224	24.64	ug/L	99
9) Trichlorofluoromethane	3.176	101	102039	22.83	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	61344	22.12	ug/L #	69
12) 1,1-Dichloroethene	3.941	96	55719	24.73	ug/L	89
13) Acetone	4.017	43	23442	54.46	ug/L	98
14) Carbon disulfide	4.270	76	193613	25.33	ug/L	97
15) Methyl Acetate	4.564	43	22029	21.23	ug/L #	83
16) Methylene chloride	4.800	84	73633	26.44	ug/L	95
17) trans-1,2-Dichloroethene	5.306	96	65996	27.98	ug/L	95
18) Methyl tert-butyl Ether	5.311	73	106140	22.36	ug/L	99
19) 1,1-Dichloroethane	6.111	63	116688	26.38	ug/L	97
20) cis-1,2-Dichloroethene	7.076	96	69673	27.09	ug/L	94
22) 2-Butanone	7.088	43	27861	44.59	ug/L	99
23) Bromochloromethane	7.423	128	34468	24.93	ug/L	86
25) Chloroform	7.594	83	132227	25.96	ug/L	88

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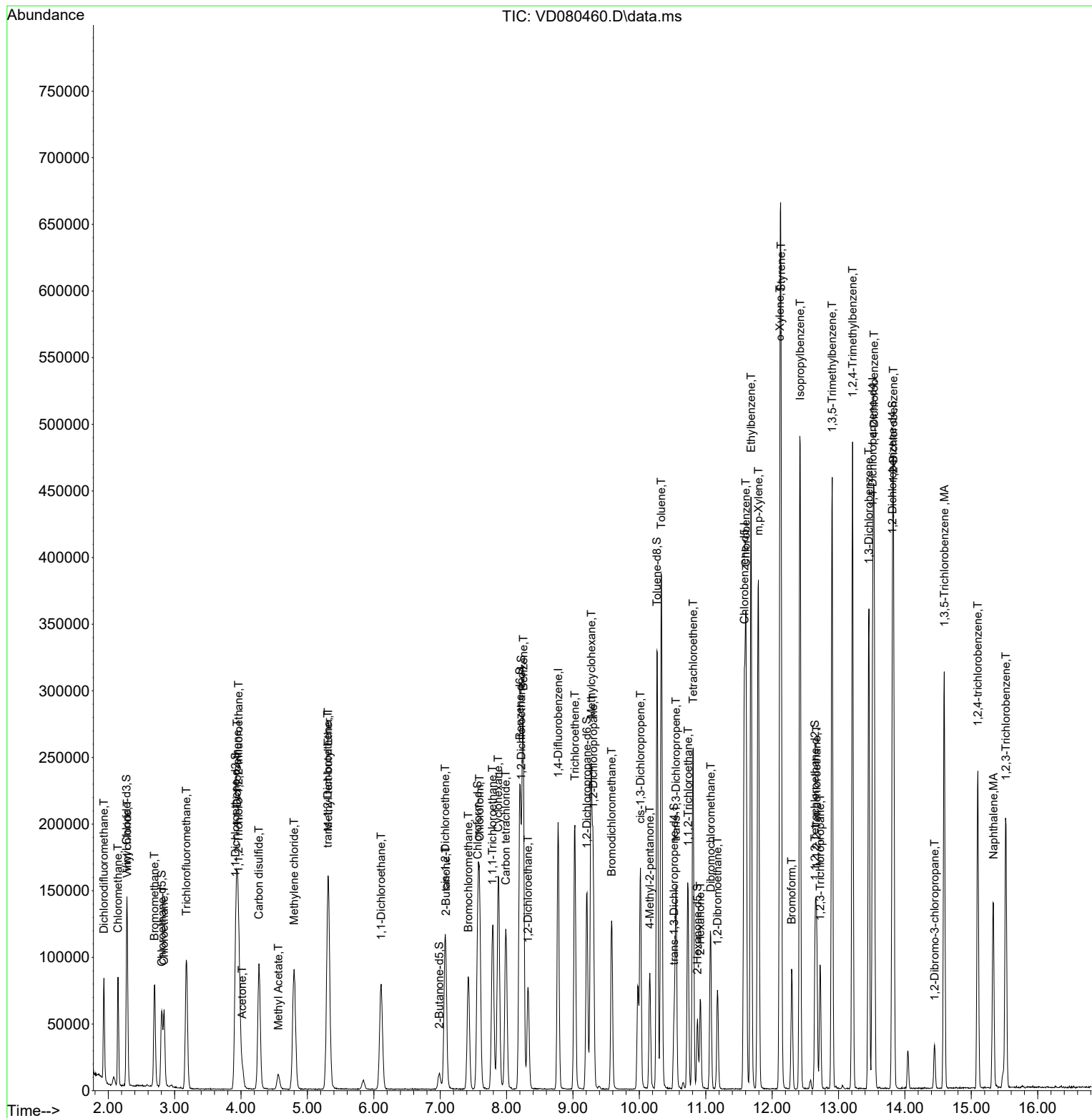
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.323	62	71794	25.12	ug/L	99
29) Cyclohexane	7.876	56	84036	23.92	ug/L	100
30) 1,1,1-Trichloroethane	7.788	97	109538	27.45	ug/L	98
31) Carbon tetrachloride	7.988	117	98870	25.82	ug/L	100
33) Benzene	8.252	78	267318	28.80	ug/L	100
34) Trichloroethene	9.029	95	72246	26.98	ug/L	93
35) Methylcyclohexane	9.276	83	93317	23.58	ug/L	96
37) 1,2-Dichloropropane	9.305	63	70769	27.34	ug/L	100
38) Bromodichloromethane	9.582	83	91447	26.87	ug/L	100
39) cis-1,3-Dichloropropene	10.017	75	100442	25.93	ug/L	97
40) 4-Methyl-2-pentanone	10.158	43	56526	42.60	ug/L	99
42) Toluene	10.329	91	306054	29.83	ug/L	93
44) trans-1,3-Dichloropropene	10.552	75	88226	26.90	ug/L	100
45) 1,1,2-Trichloroethane	10.735	97	52297	24.86	ug/L	95
46) Tetrachloroethene	10.811	164	66319	27.69	ug/L	97
48) 2-Hexanone	10.917	43	42694	44.16	ug/L	100
49) Dibromochloromethane	11.076	129	68017	26.47	ug/L	96
50) 1,2-Dibromoethane	11.176	107	51017	25.16	ug/L	94
51) Chlorobenzene	11.605	112	193468	27.33	ug/L	99
52) Ethylbenzene	11.682	91	326759	29.36	ug/L	98
53) m,p-Xylene	11.793	106	132136	30.26	ug/L	94
54) o-Xylene	12.117	106	118073	28.69	ug/L	100
55) Styrene	12.135	104	218193	30.06	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.670	83	59083	23.00	ug/L	95
59) Bromoform	12.293	173	44189	23.33	ug/L	99
60) Isopropylbenzene	12.423	105	326923	28.61	ug/L	99
61) 1,2,3-Trichloropropane	12.723	75	38860	21.45	ug/L	98
62) 1,3,5-Trimethylbenzene	12.905	105	250503	28.41	ug/L	99
63) 1,2,4-Trimethylbenzene	13.211	105	252859	29.04	ug/L	99
64) 1,3-Dichlorobenzene	13.458	146	160114	26.75	ug/L	98
65) 1,4-Dichlorobenzene	13.535	146	163235	26.20	ug/L	99
67) 1,2-Dichlorobenzene	13.829	146	142711	26.40	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.446	75	8637	20.35	ug/L	85
69) 1,3,5-Trichlorobenzene	14.593	180	106747	25.81	ug/L	99
70) 1,2,4-trichlorobenzene	15.099	180	82692	24.43	ug/L	99
71) Naphthalene	15.334	128	129295	21.02	ug/L	99
72) 1,2,3-Trichlorobenzene	15.523	180	76634	24.15	ug/L	97

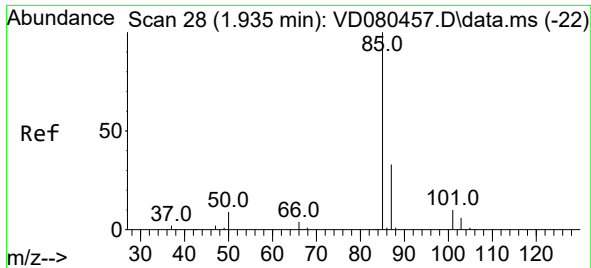
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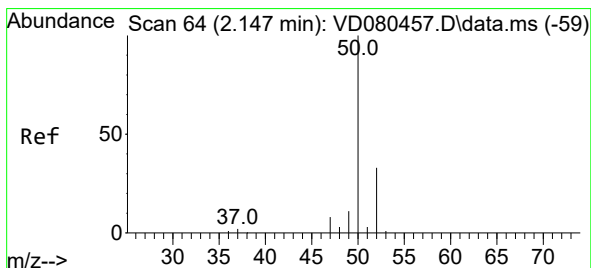
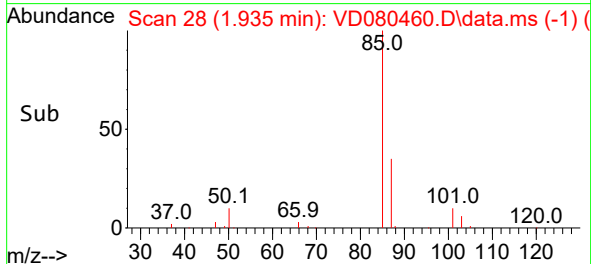
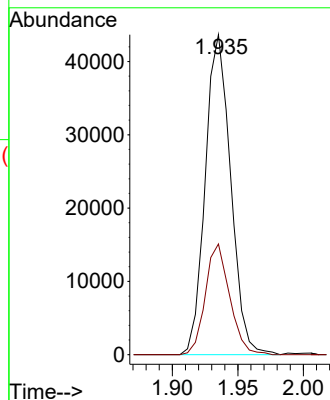
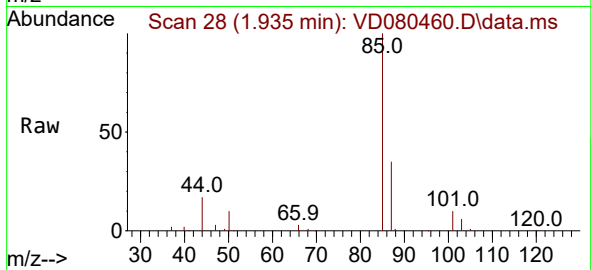




#2
Dichlorodifluoromethane
Concen: 20.73 ug/L
RT: 1.935 min Scan# 28
Delta R.T. 0.000 min
Lab File: VD080460.D
Acq: 19 Jun 2025 14:11

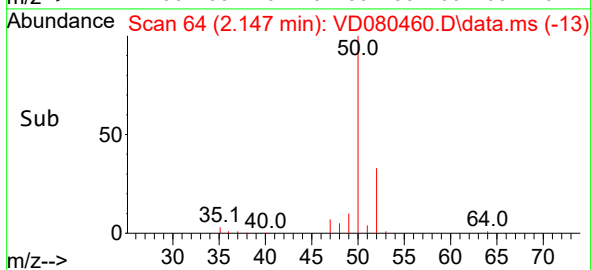
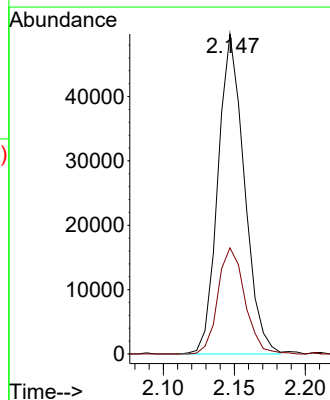
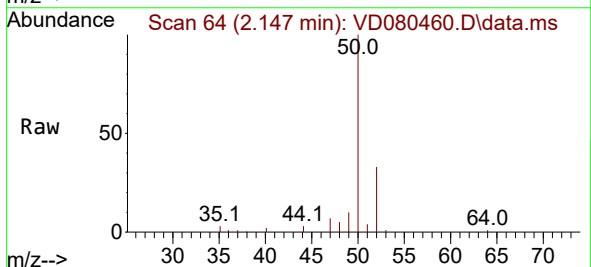
Instrument :
MSVOA_D
ClientSampleId :
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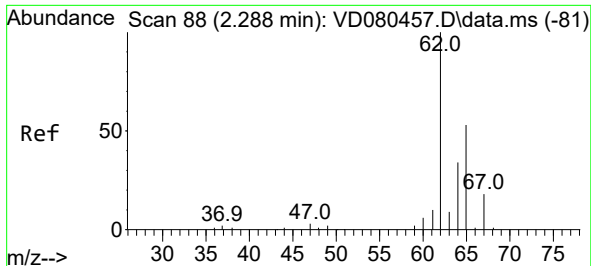
Tgt Ion: 85 Resp: 58935
Ion Ratio Lower Upper
85 100
87 33.1 25.9 38.9



#3
Chloromethane
Concen: 24.05 ug/L
RT: 2.147 min Scan# 64
Delta R.T. 0.000 min
Lab File: VD080460.D
Acq: 19 Jun 2025 14:11

Tgt Ion: 50 Resp: 64177
Ion Ratio Lower Upper
50 100
52 33.2 23.8 44.2

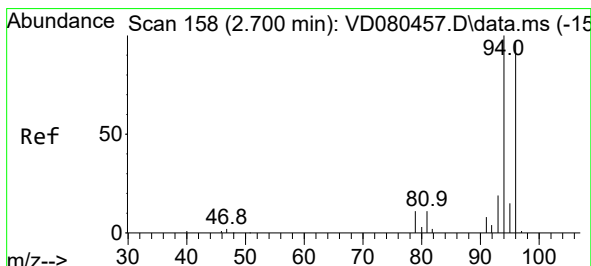
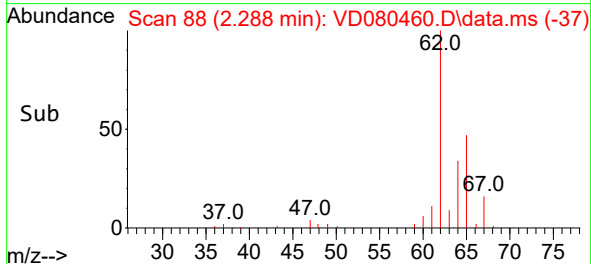
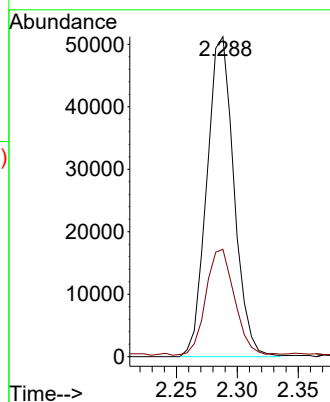
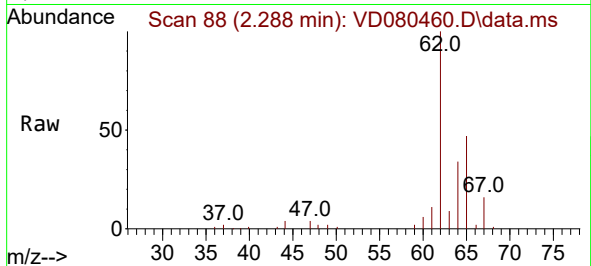




#5
 Vinyl chloride
 Concen: 24.42 ug/L
 RT: 2.288 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VD080460.D
 Acq: 19 Jun 2025 14:11

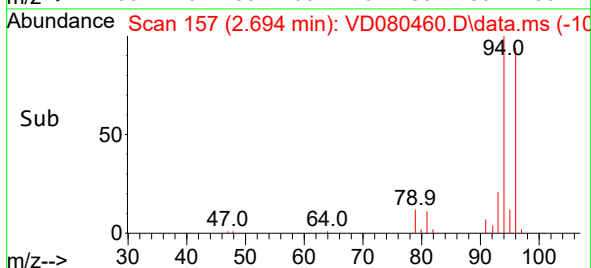
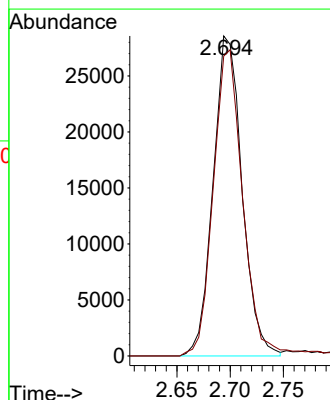
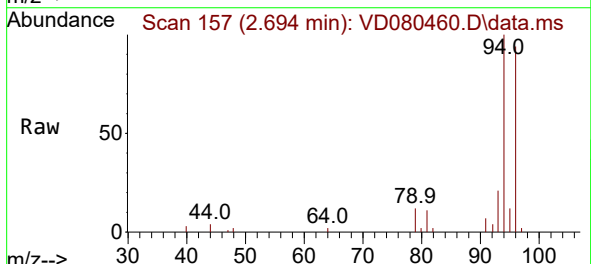
Instrument :
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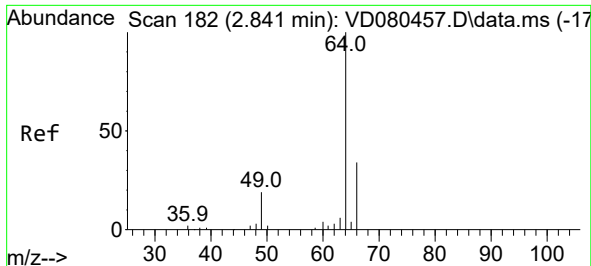
Tgt Ion: 62 Resp: 79496
 Ion Ratio Lower Upper
 62 100
 64 33.5 25.6 47.6



#6
 Bromomethane
 Concen: 26.66 ug/L
 RT: 2.694 min Scan# 157
 Delta R.T. -0.006 min
 Lab File: VD080460.D
 Acq: 19 Jun 2025 14:11

Tgt Ion: 94 Resp: 53898
 Ion Ratio Lower Upper
 94 100
 96 93.7 67.6 125.6

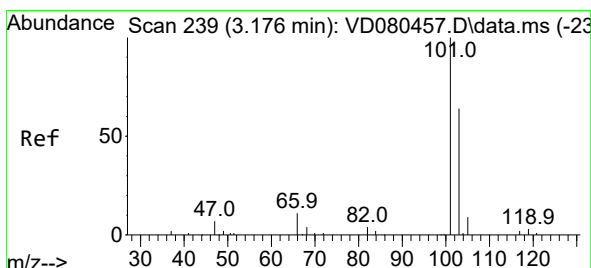
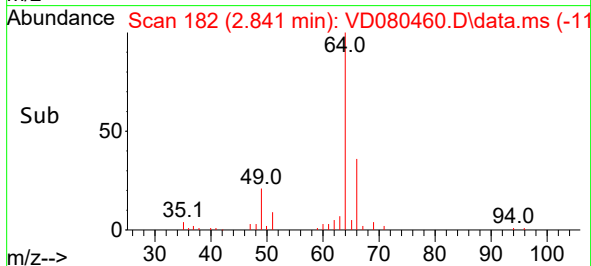
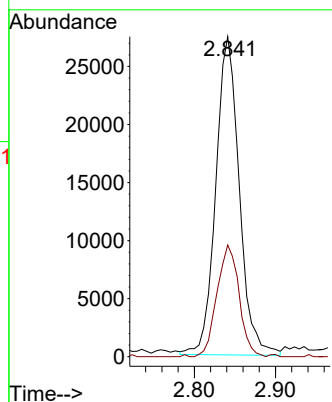
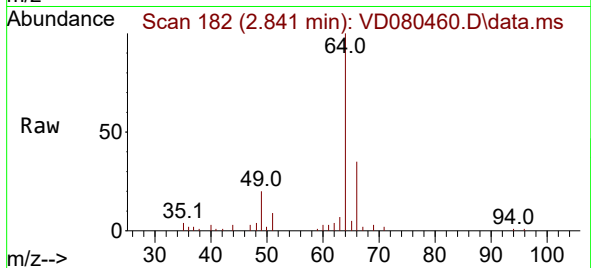




#8
Chloroethane
Concen: 24.64 ug/L
RT: 2.841 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD080460.D
Acq: 19 Jun 2025 14:11

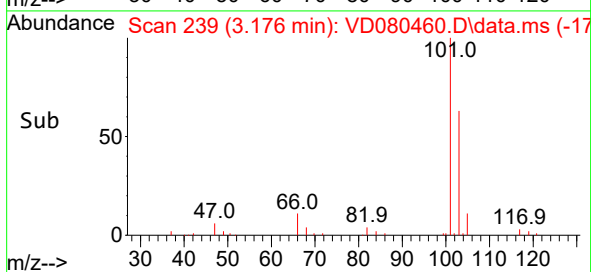
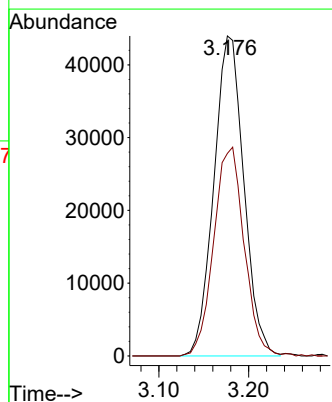
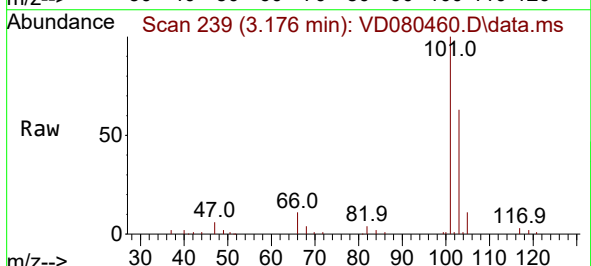
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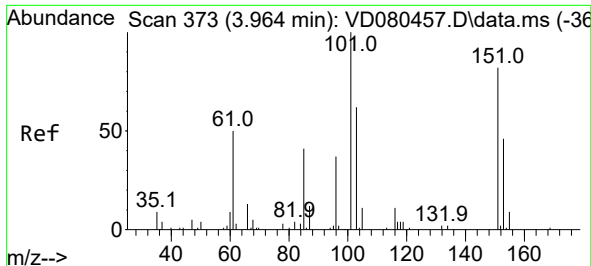
Tgt Ion: 64 Resp: 55224
Ion Ratio Lower Upper
64 100
66 34.9 23.9 44.3



#9
Trichlorofluoromethane
Concen: 22.83 ug/L
RT: 3.176 min Scan# 239
Delta R.T. 0.000 min
Lab File: VD080460.D
Acq: 19 Jun 2025 14:11

Tgt Ion:101 Resp: 102039
Ion Ratio Lower Upper
101 100
103 66.0 51.0 76.4

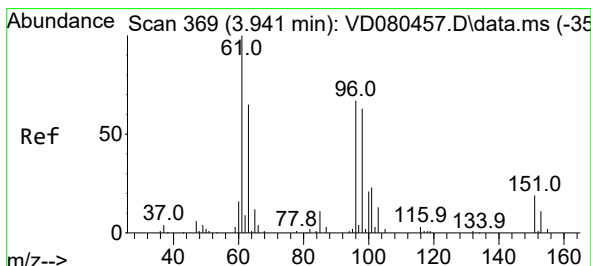
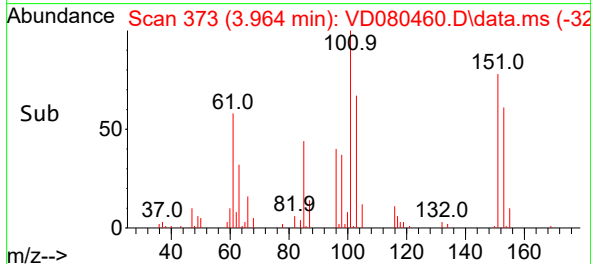
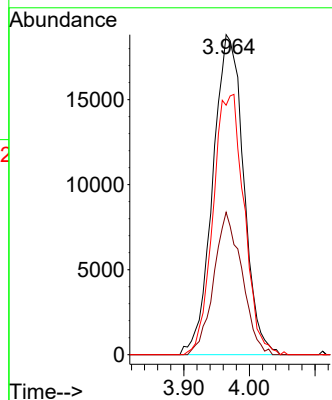
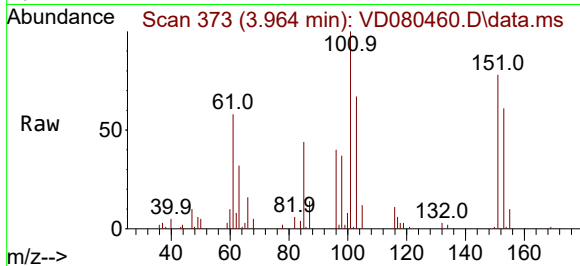




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 22.12 ug/L
RT: 3.964 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD080460.D
Acq: 19 Jun 2025 14:11

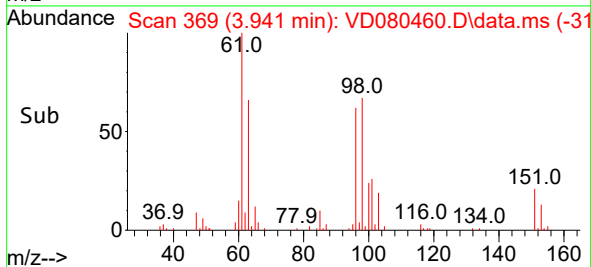
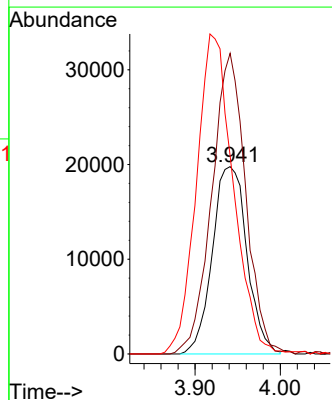
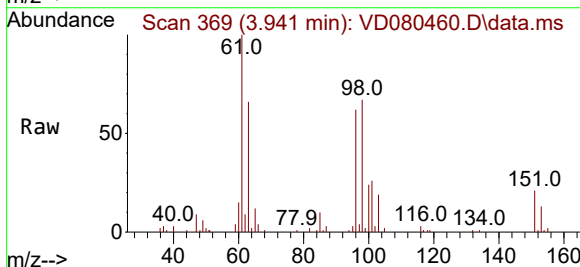
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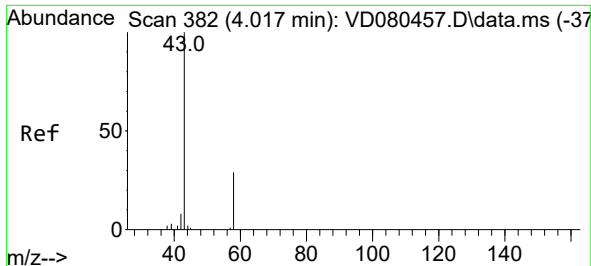
Tgt Ion:101 Resp: 61344
Ion Ratio Lower Upper
101 100
85 40.8 32.0 48.0
151 39.4 63.7 95.5#



#12
1,1-Dichloroethene
Concen: 24.73 ug/L
RT: 3.941 min Scan# 369
Delta R.T. 0.000 min
Lab File: VD080460.D
Acq: 19 Jun 2025 14:11

Tgt Ion: 96 Resp: 55719
Ion Ratio Lower Upper
96 100
61 160.5 103.0 191.4
63 105.8 66.4 123.2





#13

Acetone

Concen: 54.46 ug/L

RT: 4.017 min Scan# 382

Delta R.T. 0.000 min

Lab File: VD080460.D

Acq: 19 Jun 2025 14:11

Instrument :

MSVOA_D

ClientSampleId :

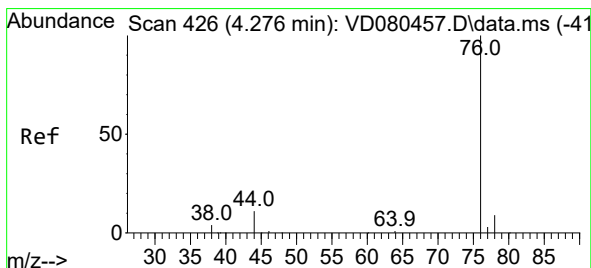
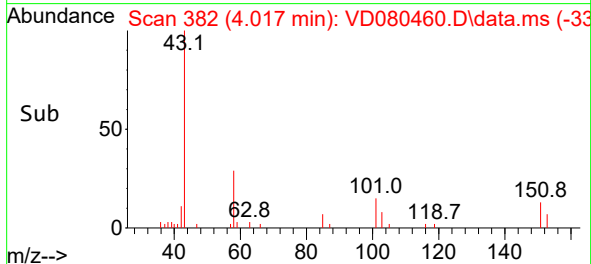
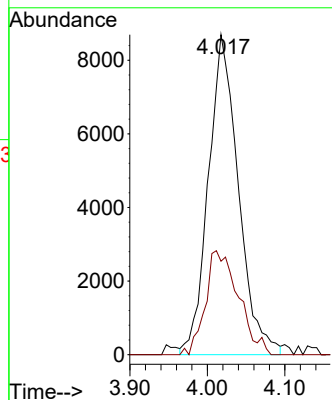
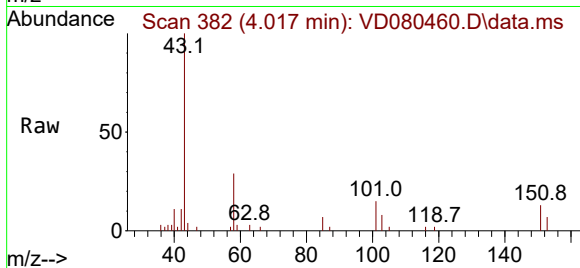
VSTD025509

Tgt Ion: 43 Resp: 23442

Ion Ratio Lower Upper

43 100

58 34.5 0.0 71.0



#14

Carbon disulfide

Concen: 25.33 ug/L

RT: 4.270 min Scan# 425

Delta R.T. -0.006 min

Lab File: VD080460.D

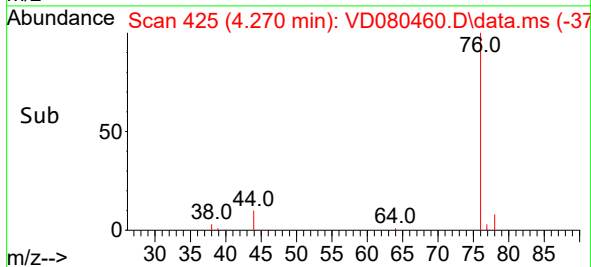
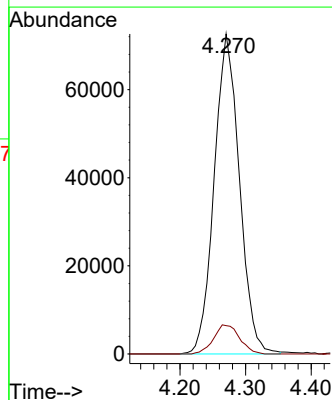
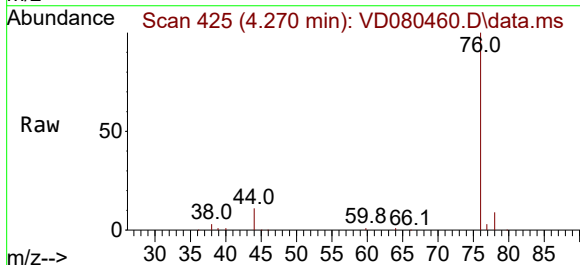
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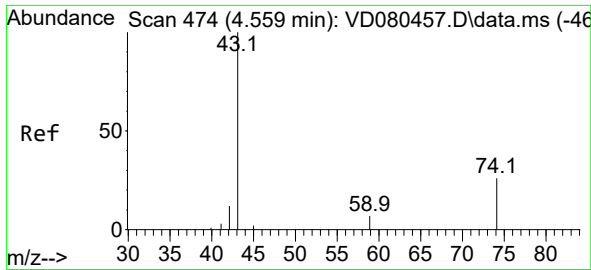
Tgt Ion: 76 Resp: 193613

Ion Ratio Lower Upper

76 100

78 8.8 7.9 11.9





#15

Methyl Acetate

Concen: 21.23 ug/L

RT: 4.564 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD080460.D

Acq: 19 Jun 2025 14:11

Instrument :

MSVOA_D

ClientSampleId :

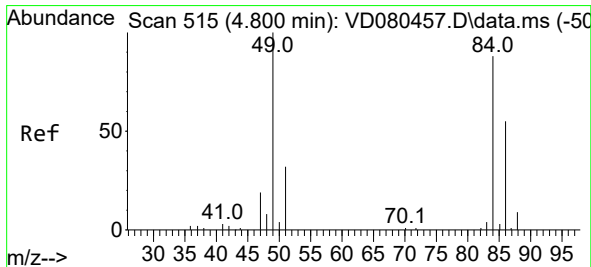
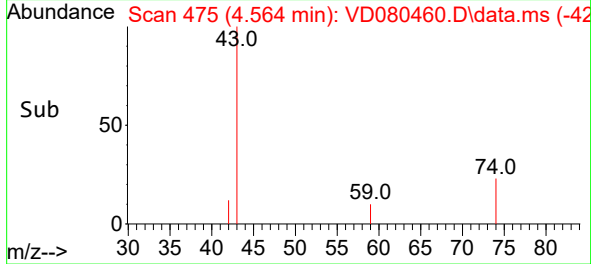
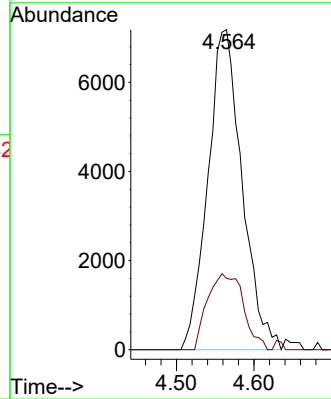
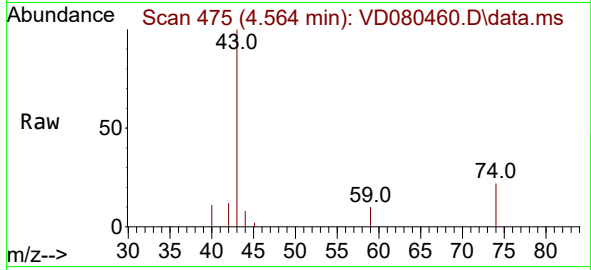
VSTD025509

Tgt Ion: 43 Resp: 22029

Ion Ratio Lower Upper

43 100

74 16.6 20.3 30.5#



#16

Methylene chloride

Concen: 26.44 ug/L

RT: 4.800 min Scan# 515

Delta R.T. 0.000 min

Lab File: VD080460.D

Acq: 19 Jun 2025 14:11

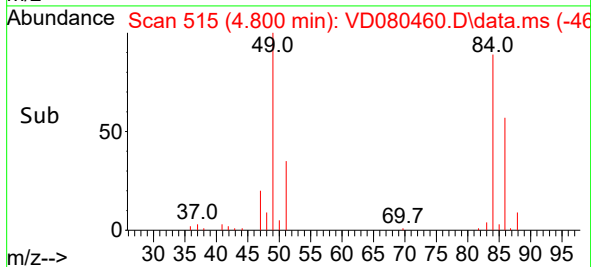
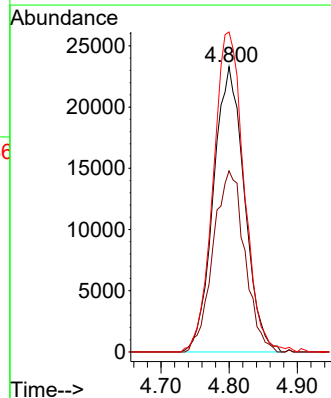
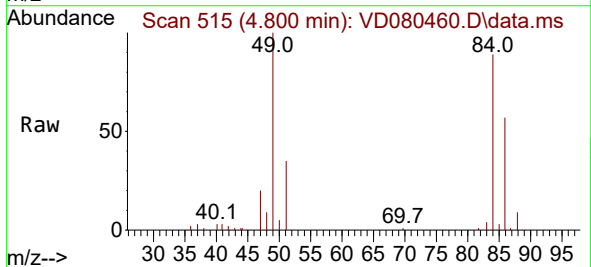
Tgt Ion: 84 Resp: 73633

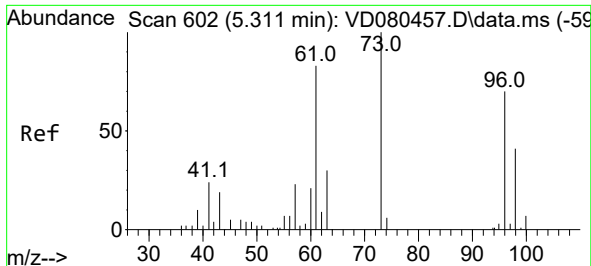
Ion Ratio Lower Upper

84 100

86 63.5 46.7 86.7

49 112.2 83.0 154.1

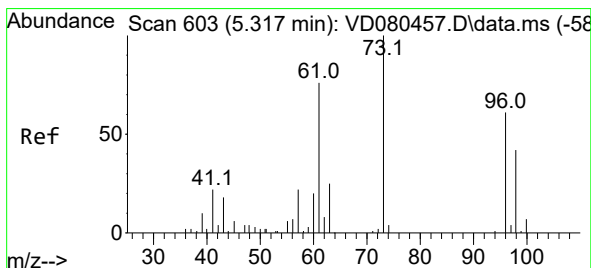
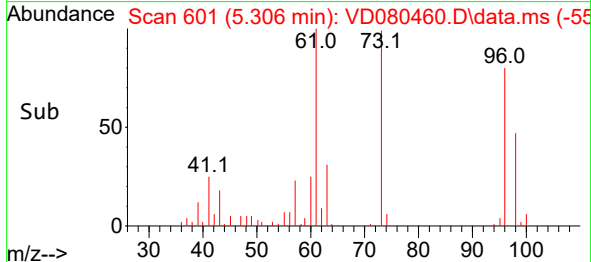
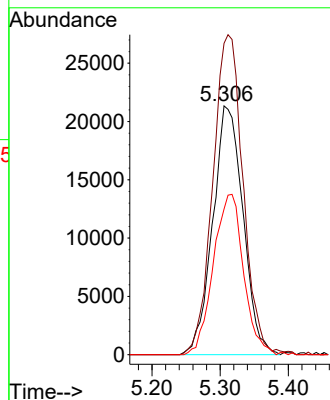
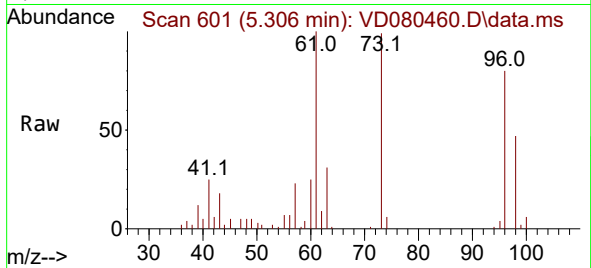




#17
trans-1,2-Dichloroethene
Concen: 27.98 ug/L
RT: 5.306 min Scan# 601
Delta R.T. -0.006 min
Lab File: VD080460.D
Acq: 19 Jun 2025 14:11

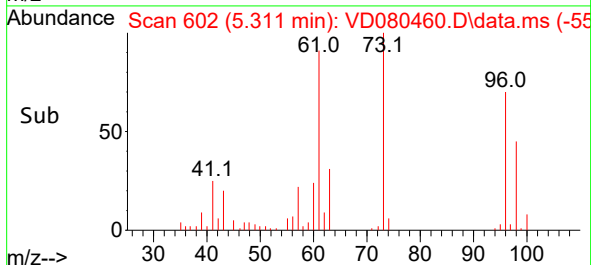
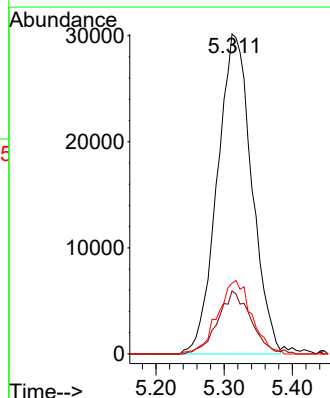
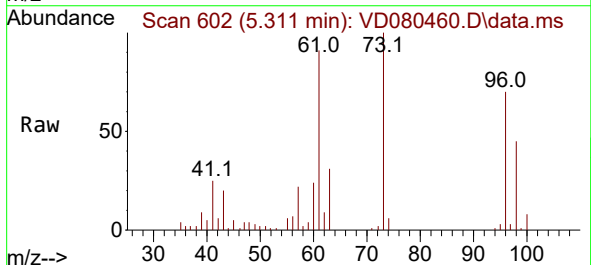
Instrument :
MSVOA_D
ClientSampleId :
VSTD025509

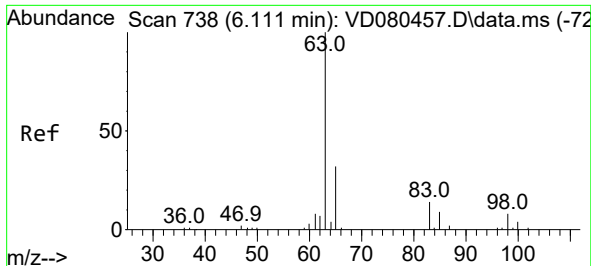
Tgt Ion: 96 Resp: 65996
Ion Ratio Lower Upper
96 100
61 125.1 82.0 152.2
98 58.5 40.3 74.8



#18
Methyl tert-butyl Ether
Concen: 22.36 ug/L
RT: 5.311 min Scan# 602
Delta R.T. -0.006 min
Lab File: VD080460.D
Acq: 19 Jun 2025 14:11

Tgt Ion: 73 Resp: 106140
Ion Ratio Lower Upper
73 100
43 18.8 15.8 23.8
57 22.4 17.6 26.4





#19

1,1-Dichloroethane

Concen: 26.38 ug/L

RT: 6.111 min Scan# 71

Delta R.T. 0.000 min

Lab File: VD080460.D

Acq: 19 Jun 2025 14:11

Instrument :

MSVOA_D

ClientSampleId :

VSTD025509

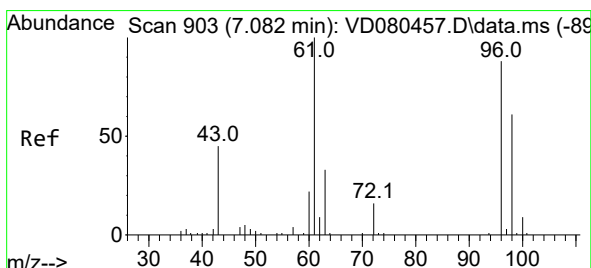
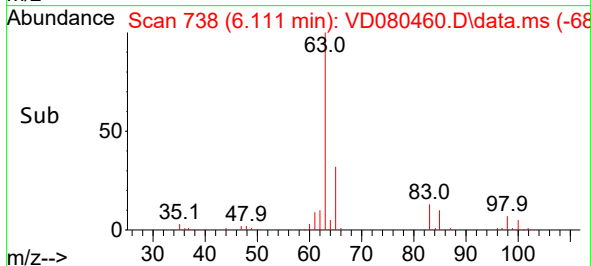
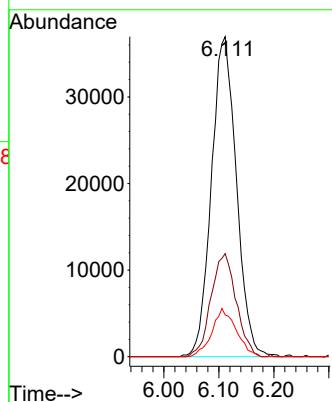
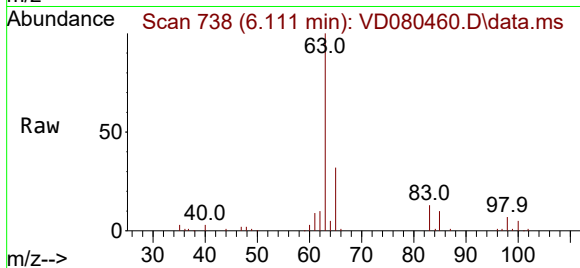
Tgt Ion: 63 Resp: 116688

Ion Ratio Lower Upper

63 100

65 32.2 22.0 41.0

83 13.0 10.8 20.0



#20

cis-1,2-Dichloroethene

Concen: 27.09 ug/L

RT: 7.076 min Scan# 902

Delta R.T. -0.006 min

Lab File: VD080460.D

Acq: 19 Jun 2025 14:11

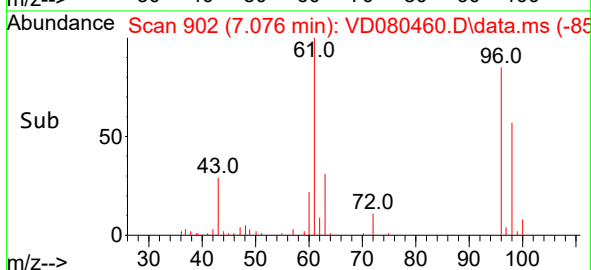
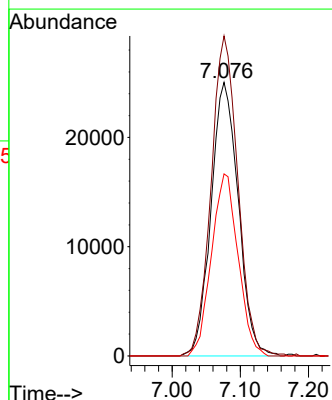
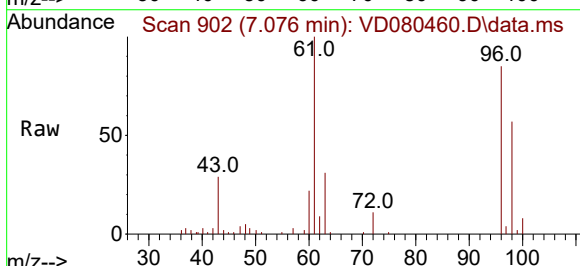
Tgt Ion: 96 Resp: 69673

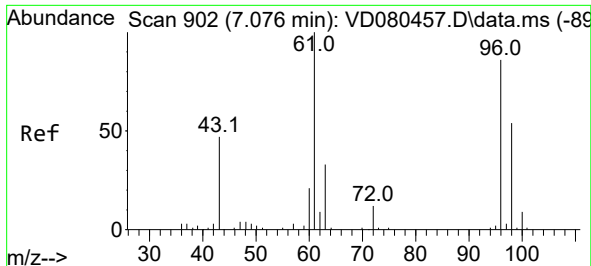
Ion Ratio Lower Upper

96 100

61 117.0 75.8 140.8

98 66.5 45.9 85.3

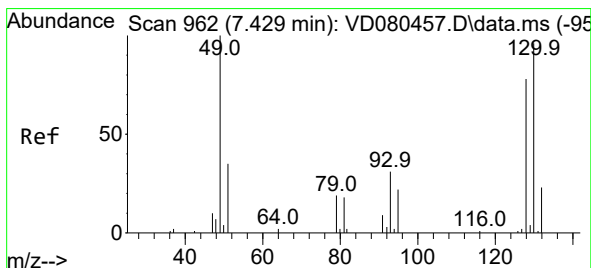
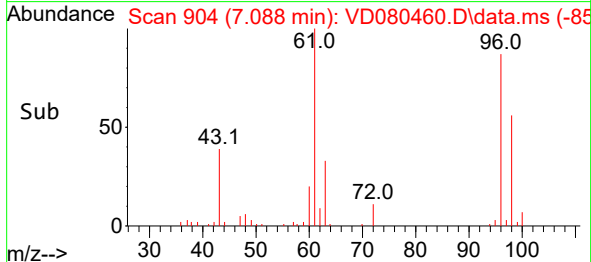
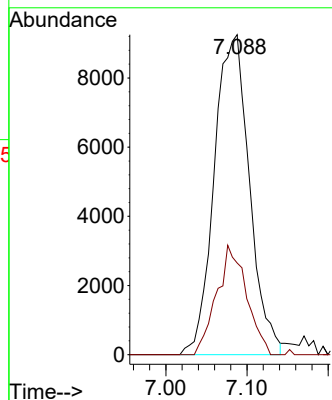
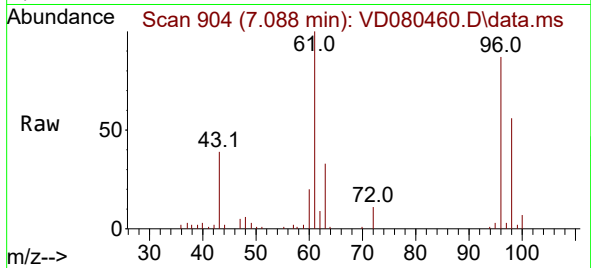




#22
2-Butanone
Concen: 44.59 ug/L
RT: 7.088 min Scan# 904
Delta R.T. 0.012 min
Lab File: VD080460.D
Acq: 19 Jun 2025 14:11

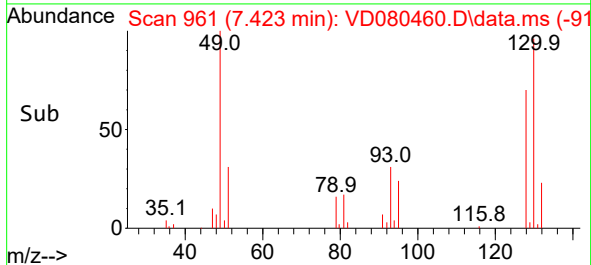
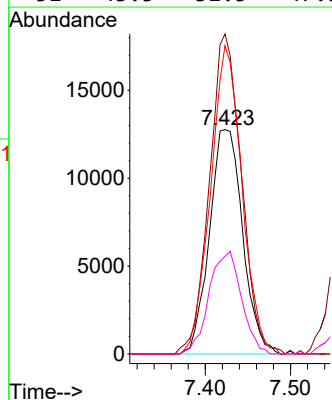
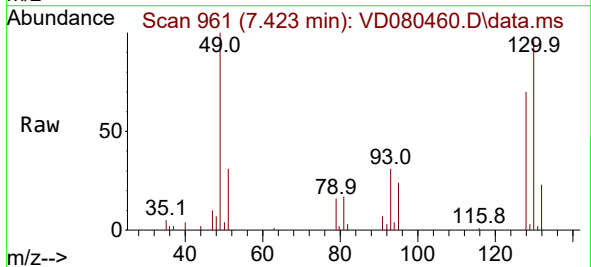
Instrument :
MSVOA_D
ClientSampleId :
VSTD025509

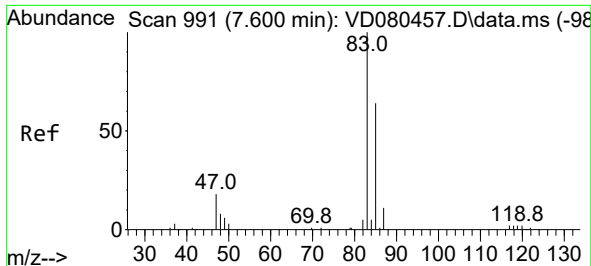
Tgt Ion: 43 Resp: 27861
Ion Ratio Lower Upper
43 100
72 29.1 14.9 44.5



#23
Bromochloromethane
Concen: 24.93 ug/L
RT: 7.423 min Scan# 961
Delta R.T. -0.006 min
Lab File: VD080460.D
Acq: 19 Jun 2025 14:11

Tgt Ion:128 Resp: 34468
Ion Ratio Lower Upper
128 100
49 142.7 89.5 166.3
130 137.4 82.5 153.1
51 43.5 31.5 47.3

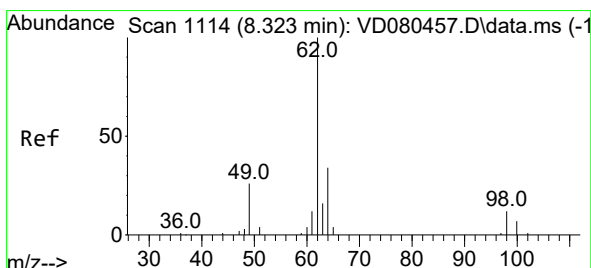
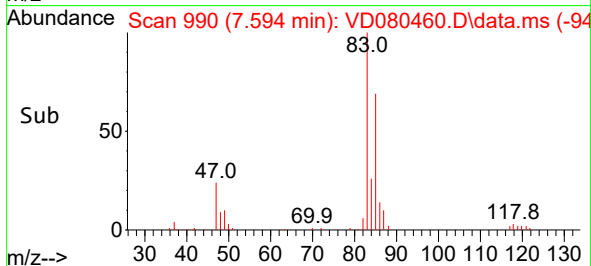
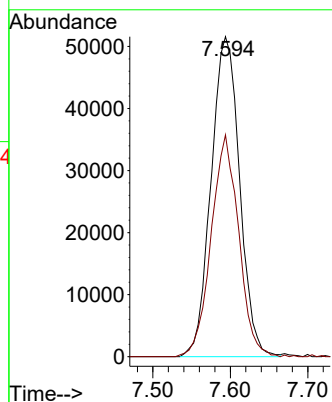
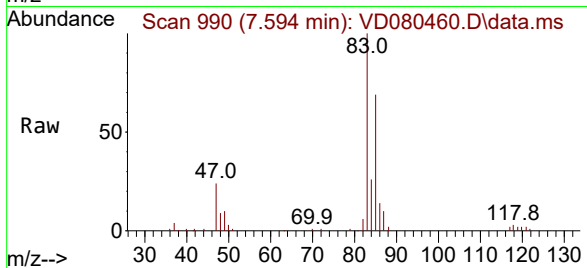




#25
Chloroform
Concen: 25.96 ug/L
RT: 7.594 min Scan# 991
Delta R.T. -0.006 min
Lab File: VD080460.D
Acq: 19 Jun 2025 14:11

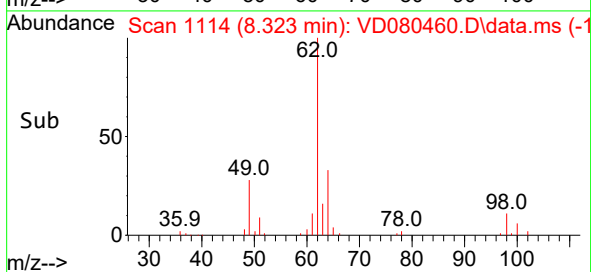
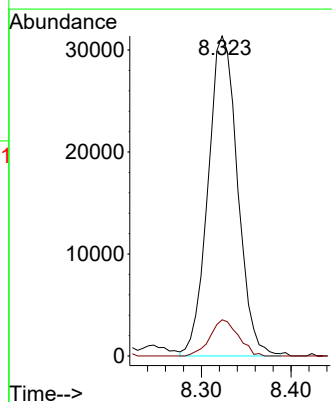
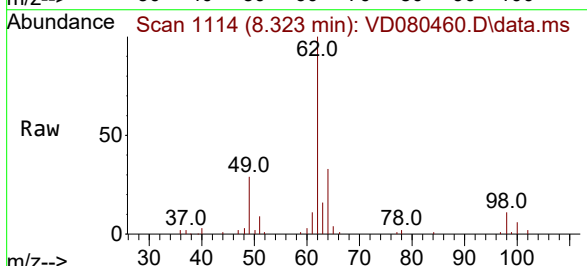
Instrument :
MSVOA_D
ClientSampleId :
VSTD025509

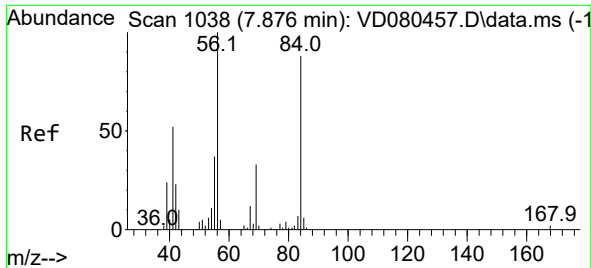
Tgt Ion: 83 Resp: 132227
Ion Ratio Lower Upper
83 100
85 69.3 42.0 78.0



#27
1,2-Dichloroethane
Concen: 25.12 ug/L
RT: 8.323 min Scan# 1114
Delta R.T. 0.000 min
Lab File: VD080460.D
Acq: 19 Jun 2025 14:11

Tgt Ion: 62 Resp: 71794
Ion Ratio Lower Upper
62 100
98 11.3 9.4 14.2

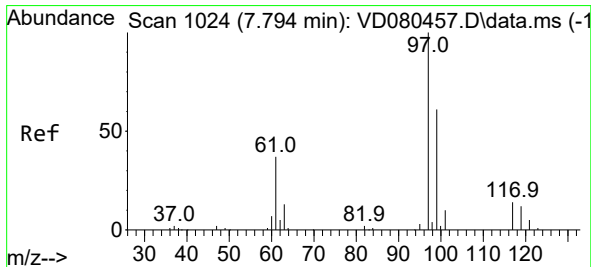
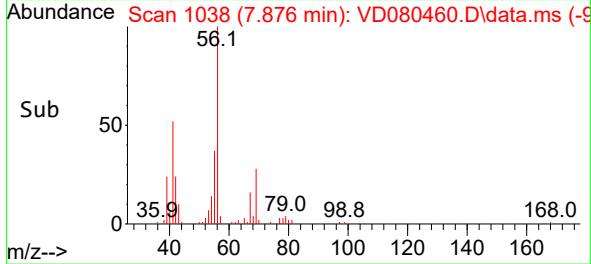
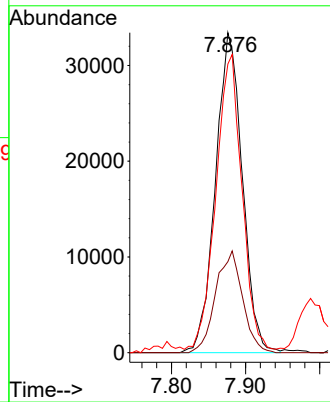
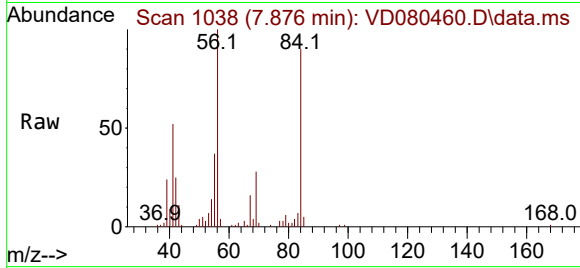




#29
Cyclohexane
Concen: 23.92 ug/L
RT: 7.876 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VD080460.D
Acq: 19 Jun 2025 14:11

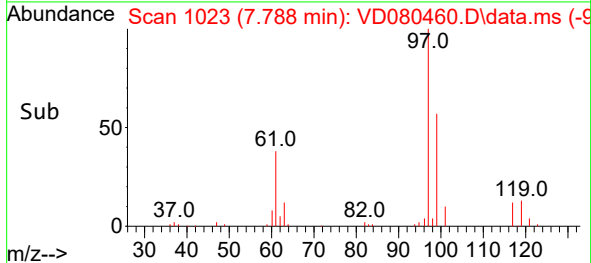
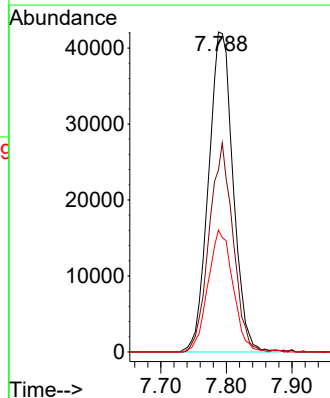
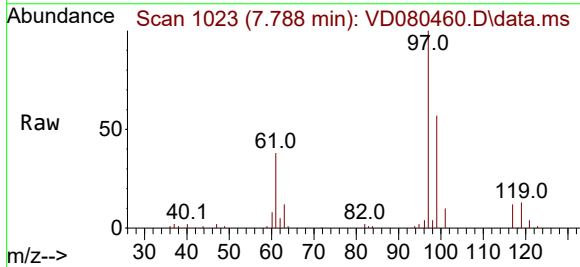
Instrument :
MSVOA_D
ClientSampleId :
VSTD025509

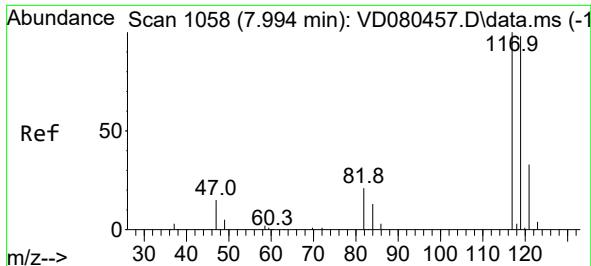
Tgt Ion: 56 Resp: 84036
Ion Ratio Lower Upper
56 100
69 31.9 25.7 38.5
84 92.1 73.4 110.0



#30
1,1,1-Trichloroethane
Concen: 27.45 ug/L
RT: 7.788 min Scan# 1023
Delta R.T. -0.006 min
Lab File: VD080460.D
Acq: 19 Jun 2025 14:11

Tgt Ion: 97 Resp: 109538
Ion Ratio Lower Upper
97 100
99 63.2 51.1 76.7
61 38.7 32.4 48.6

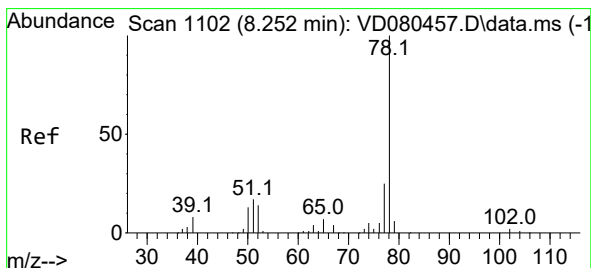
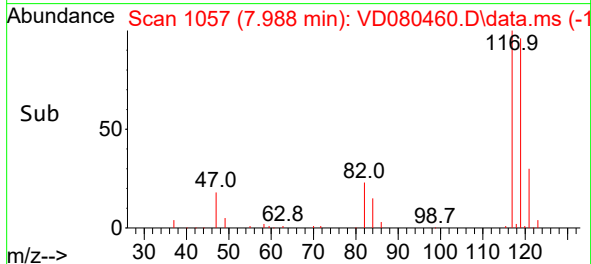
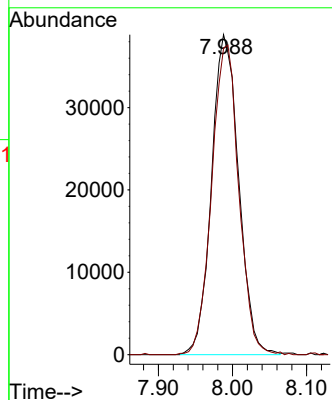
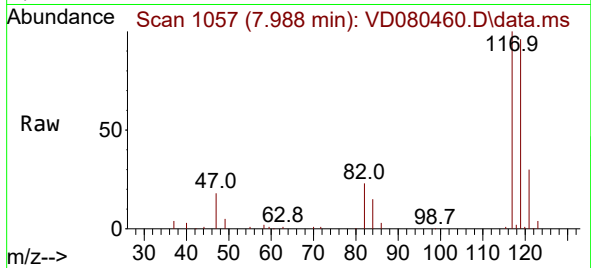




#31
Carbon tetrachloride
Concen: 25.82 ug/L
RT: 7.988 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VD080460.D
Acq: 19 Jun 2025 14:11

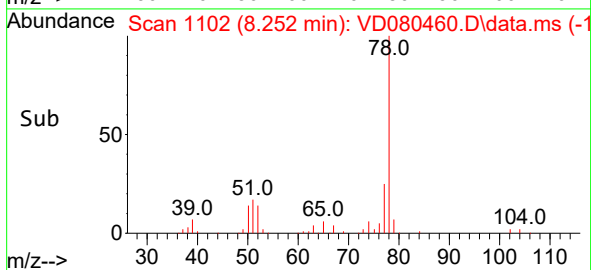
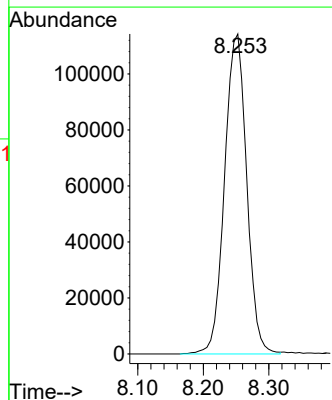
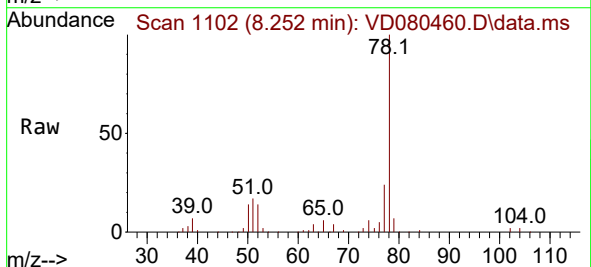
Instrument :
MSVOA_D
ClientSampleId :
VSTD025509

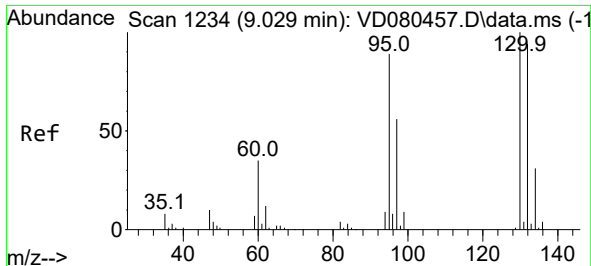
Tgt Ion:117 Resp: 98870
Ion Ratio Lower Upper
117 100
119 96.6 77.2 115.8



#33
Benzene
Concen: 28.80 ug/L
RT: 8.252 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VD080460.D
Acq: 19 Jun 2025 14:11

Tgt Ion: 78 Resp: 267318





#34

Trichloroethene

Concen: 26.98 ug/L

RT: 9.029 min Scan# 1234

Delta R.T. 0.000 min

Lab File: VD080460.D

Acq: 19 Jun 2025 14:11

Instrument :

MSVOA_D

ClientSampleId :

VSTD025509

Tgt Ion: 95 Resp: 72246

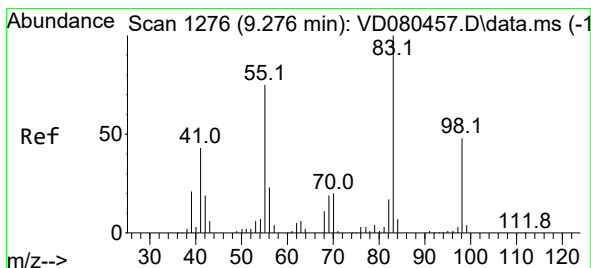
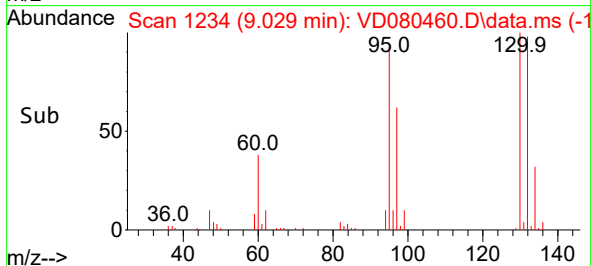
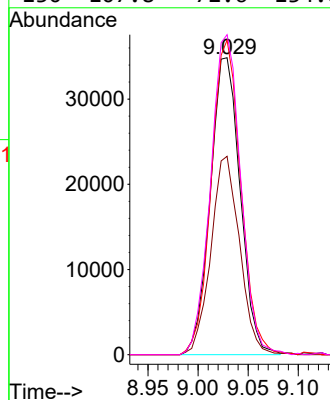
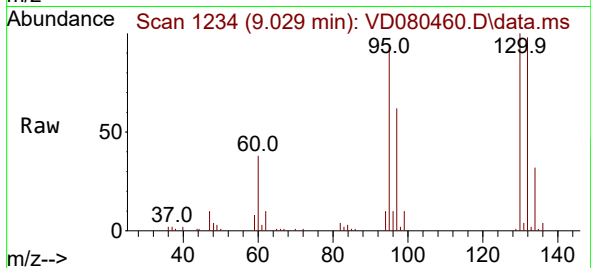
Ion Ratio Lower Upper

95 100

97 66.8 41.5 77.1

132 105.9 69.1 128.3

130 107.8 72.6 134.8



#35

Methylcyclohexane

Concen: 23.58 ug/L

RT: 9.276 min Scan# 1276

Delta R.T. 0.000 min

Lab File: VD080460.D

Acq: 19 Jun 2025 14:11

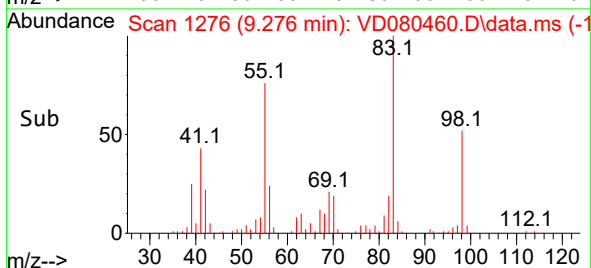
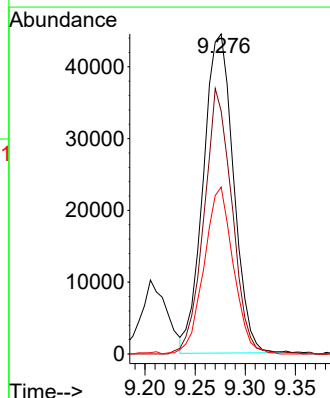
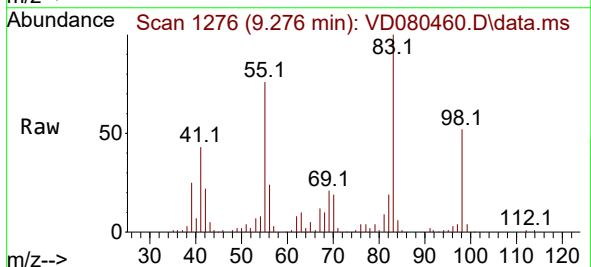
Tgt Ion: 83 Resp: 93317

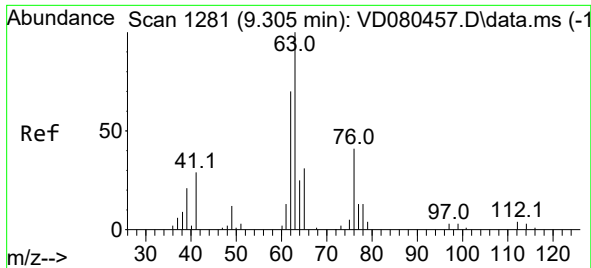
Ion Ratio Lower Upper

83 100

55 77.3 59.7 89.5

98 50.6 38.2 57.2

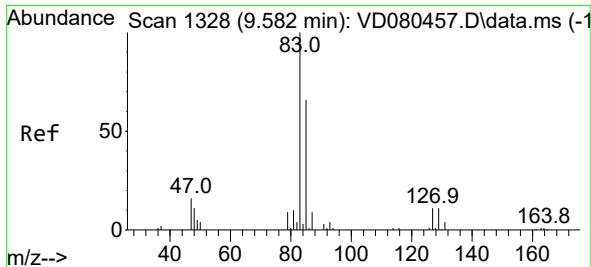
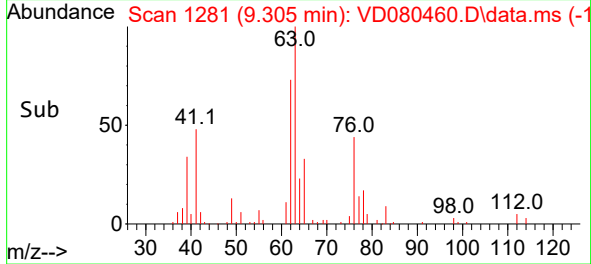
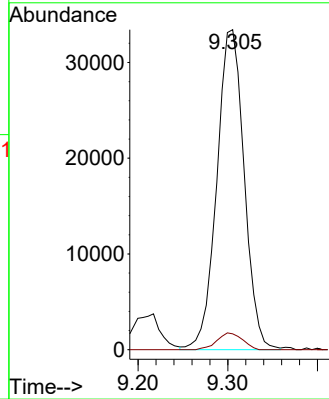
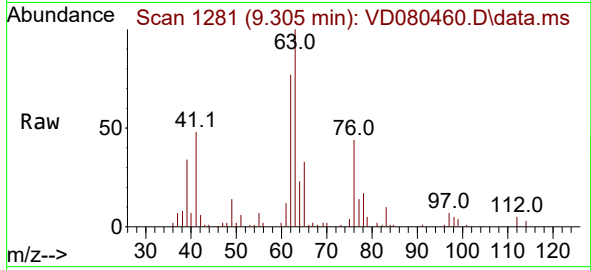




#37
1,2-Dichloropropane
Concen: 27.34 ug/L
RT: 9.305 min Scan# 1281
Delta R.T. 0.000 min
Lab File: VD080460.D
Acq: 19 Jun 2025 14:11

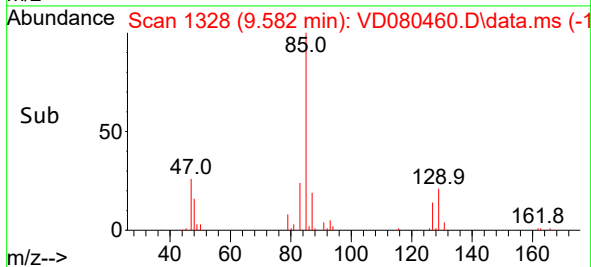
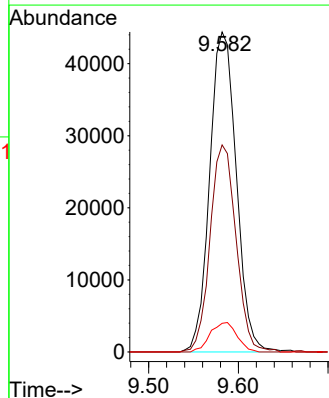
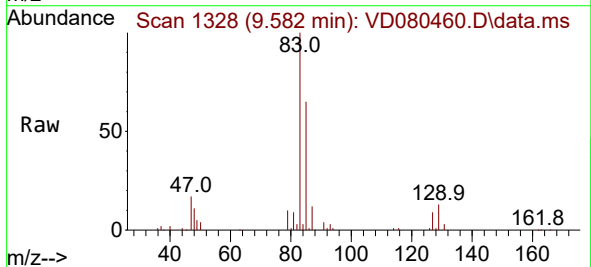
Instrument :
MSVOA_D
ClientSampleId :
VSTD025509

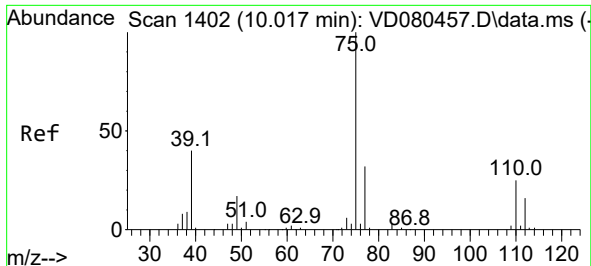
Tgt Ion: 63 Resp: 70769
Ion Ratio Lower Upper
63 100
112 4.9 3.9 5.9



#38
Bromodichloromethane
Concen: 26.87 ug/L
RT: 9.582 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VD080460.D
Acq: 19 Jun 2025 14:11

Tgt Ion: 83 Resp: 91447
Ion Ratio Lower Upper
83 100
85 64.7 45.2 84.0
127 8.9 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 25.93 ug/L

RT: 10.017 min Scan# 1402

Delta R.T. 0.000 min

Lab File: VD080460.D

Acq: 19 Jun 2025 14:11

Instrument :

MSVOA_D

ClientSampleId :

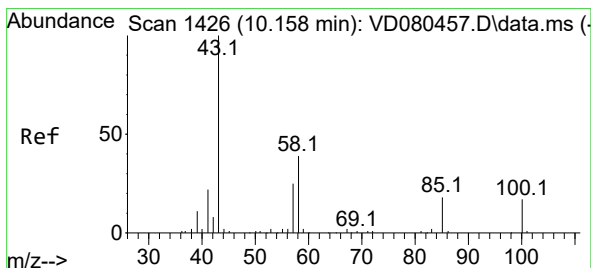
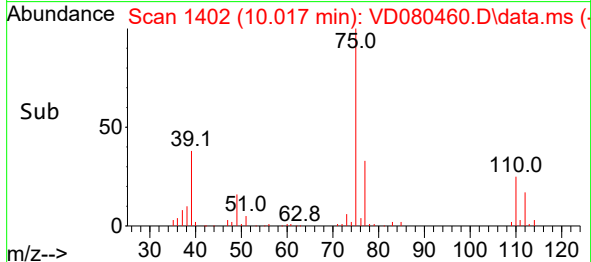
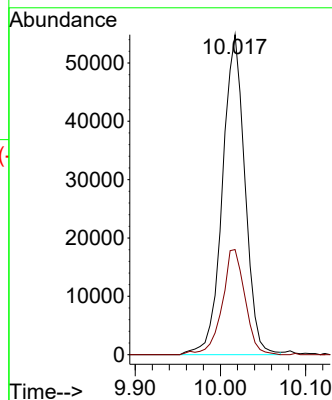
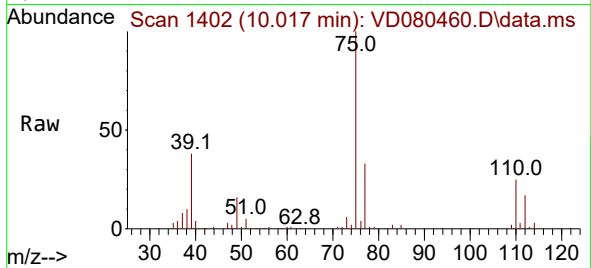
VSTD025509

Tgt Ion: 75 Resp: 100442

Ion Ratio Lower Upper

75 100

77 32.9 24.1 44.7



#40

4-Methyl-2-pentanone

Concen: 42.60 ug/L

RT: 10.158 min Scan# 1426

Delta R.T. 0.000 min

Lab File: VD080460.D

Acq: 19 Jun 2025 14:11

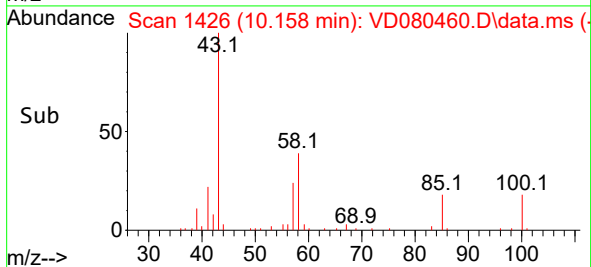
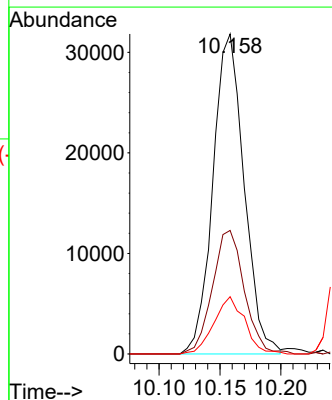
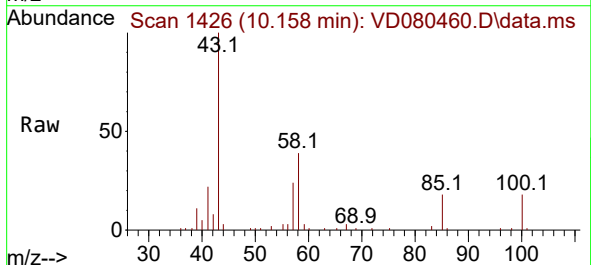
Tgt Ion: 43 Resp: 56526

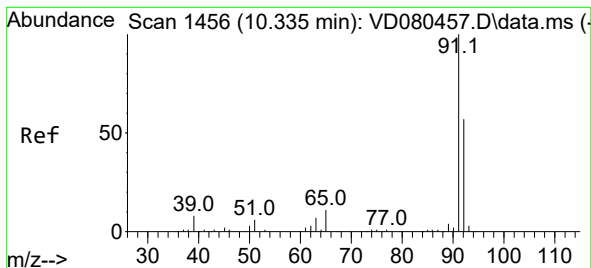
Ion Ratio Lower Upper

43 100

58 39.3 31.7 47.5

100 17.7 13.4 20.0





#42

Toluene

Concen: 29.83 ug/L

RT: 10.329 min Scan# 1455

Delta R.T. -0.006 min

Lab File: VD080460.D

Acq: 19 Jun 2025 14:11

Instrument :

MSVOA_D

ClientSampleId :

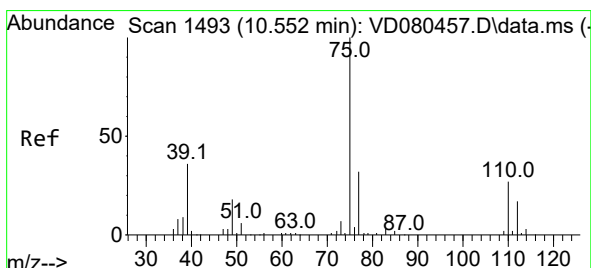
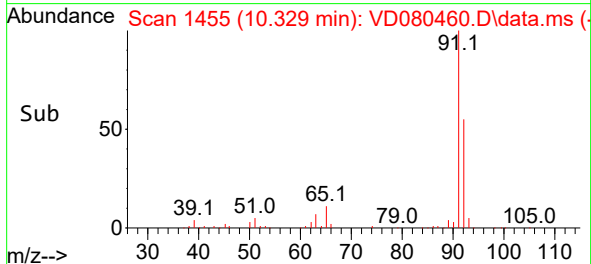
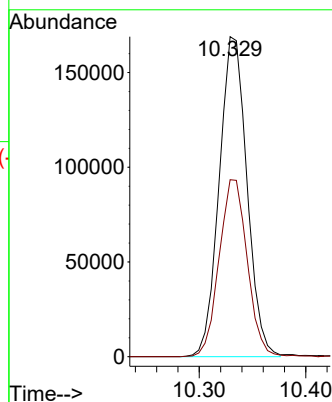
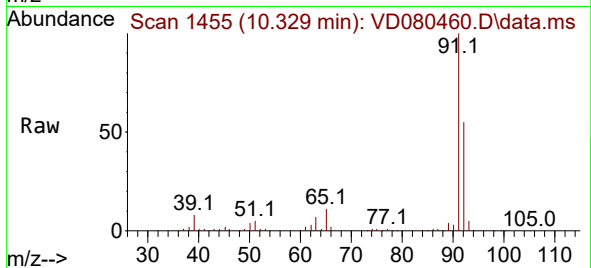
VSTD025509

Tgt Ion: 91 Resp: 306054

Ion Ratio Lower Upper

91 100

92 55.3 42.6 79.0



#44

trans-1,3-Dichloropropene

Concen: 26.90 ug/L

RT: 10.552 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VD080460.D

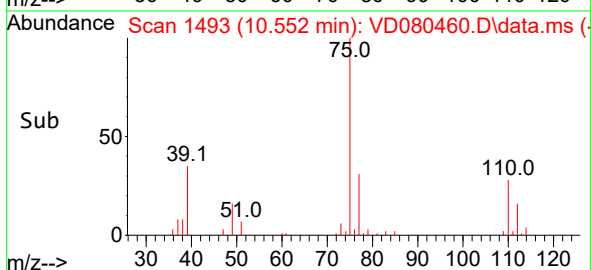
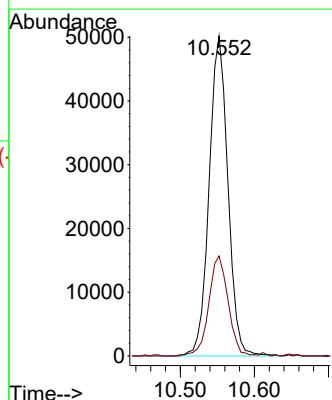
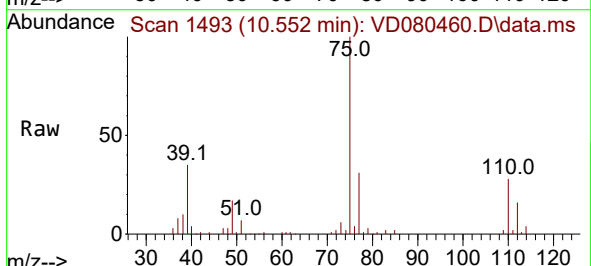
Acq: 19 Jun 2025 14:11

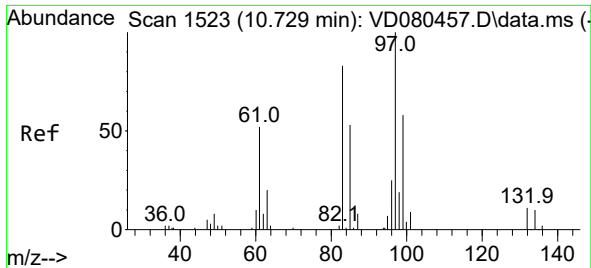
Tgt Ion: 75 Resp: 88226

Ion Ratio Lower Upper

75 100

77 31.3 21.8 40.6

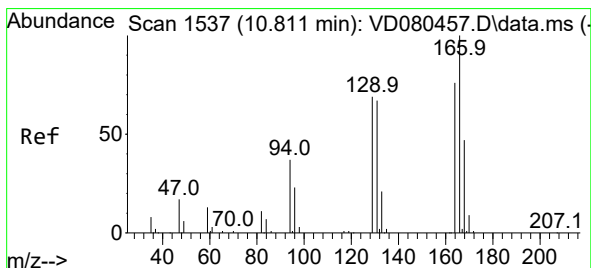
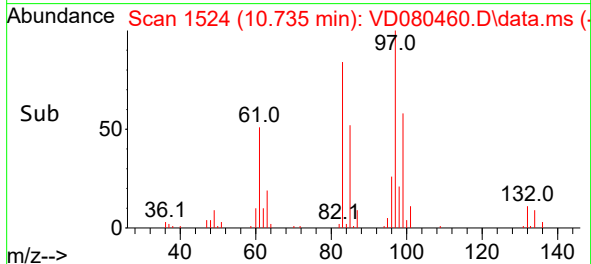
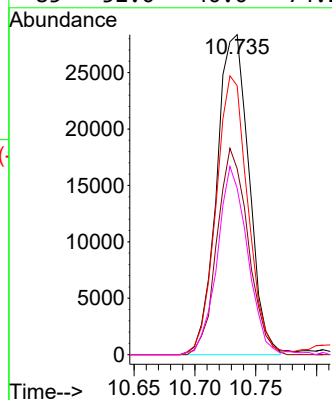
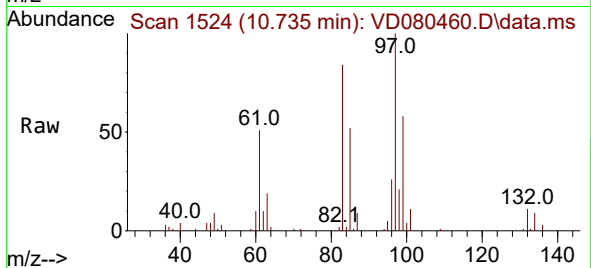




#45
1,1,2-Trichloroethane
Concen: 24.86 ug/L
RT: 10.735 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VD080460.D
Acq: 19 Jun 2025 14:11

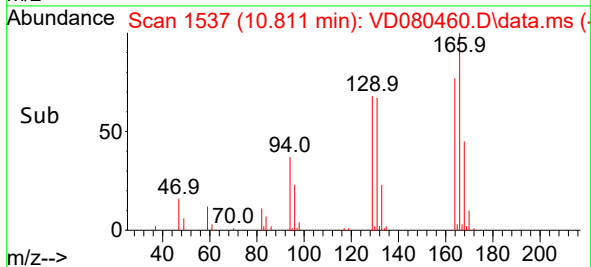
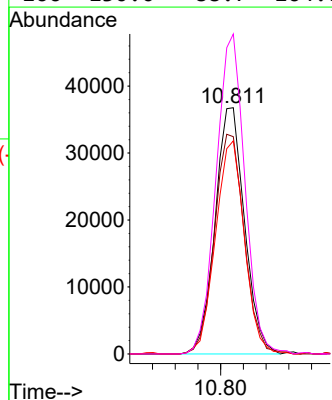
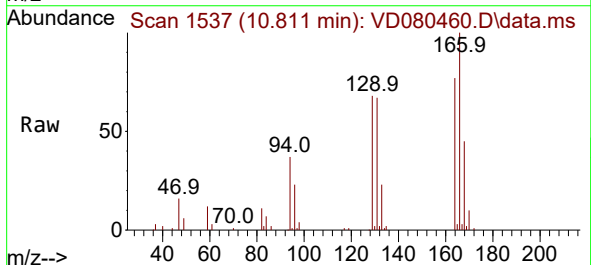
Instrument :
MSVOA_D
ClientSampleId :
VSTD025509

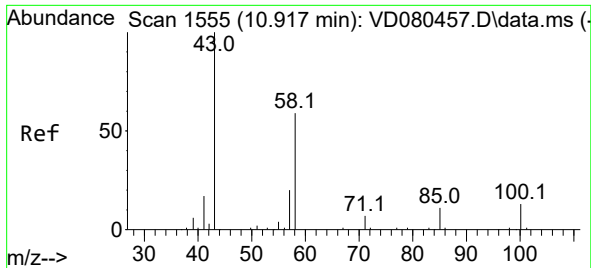
Tgt Ion: 97	Resp: 52297
Ion Ratio	Lower Upper
97	100
99	58.1 46.5 86.3
83	84.0 58.5 108.7
85	52.0 40.0 74.2



#46
Tetrachloroethene
Concen: 27.69 ug/L
RT: 10.811 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VD080460.D
Acq: 19 Jun 2025 14:11

Tgt Ion: 164	Resp: 66319
Ion Ratio	Lower Upper
164	100
129	88.2 59.7 110.9
131	86.6 58.7 109.1
166	130.0 88.7 164.7

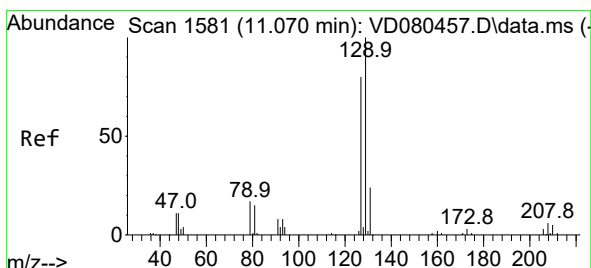
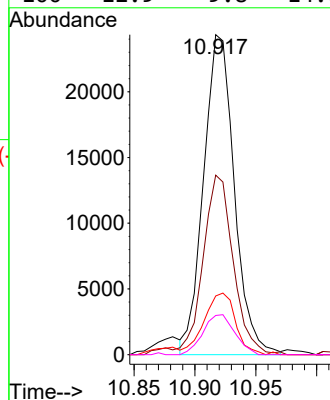
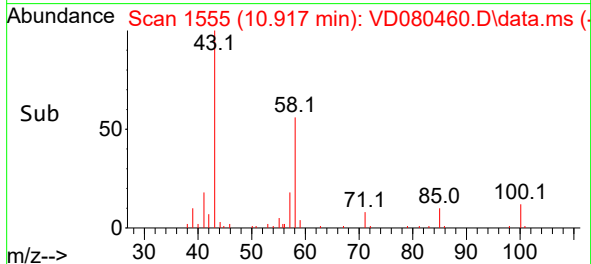
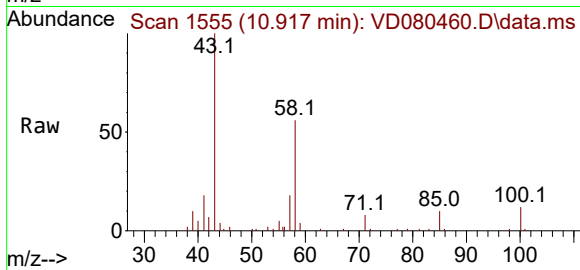




#48
2-Hexanone
Concen: 44.16 ug/L
RT: 10.917 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD080460.D
Acq: 19 Jun 2025 14:11

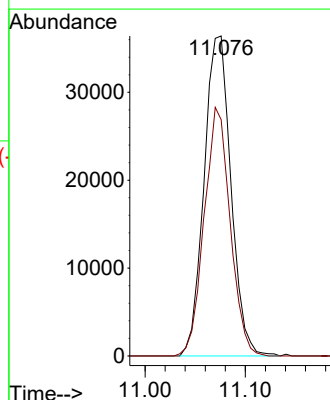
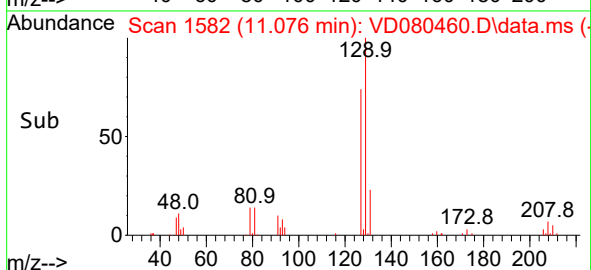
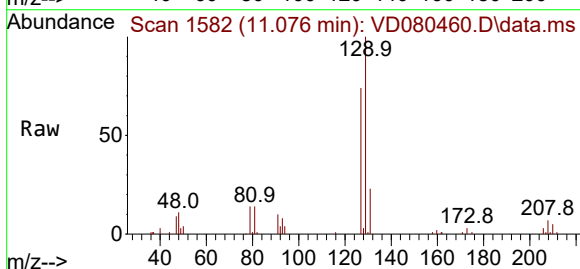
Instrument :
MSVOA_D
ClientSampleId :
VSTD025509

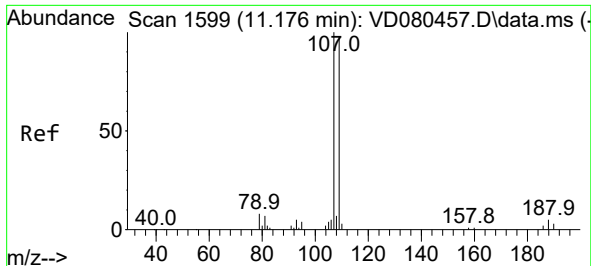
Tgt Ion:	43	Resp:	42694
Ion	Ratio	Lower	Upper
43	100		
58	54.8	43.8	65.6
57	19.6	15.6	23.4
100	12.9	9.8	14.6



#49
Dibromochloromethane
Concen: 26.47 ug/L
RT: 11.076 min Scan# 1582
Delta R.T. 0.006 min
Lab File: VD080460.D
Acq: 19 Jun 2025 14:11

Tgt Ion:	129	Resp:	68017
Ion	Ratio	Lower	Upper
129	100		
127	73.9	54.1	100.5

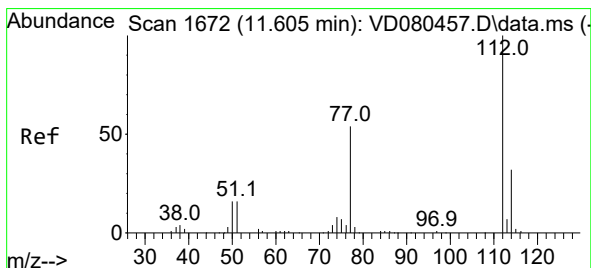
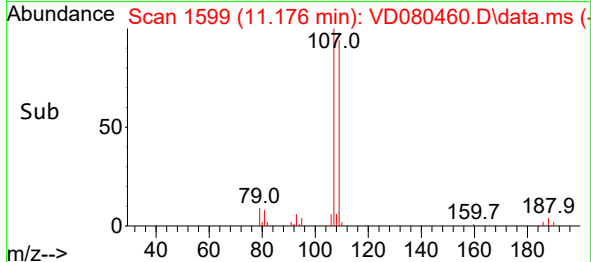
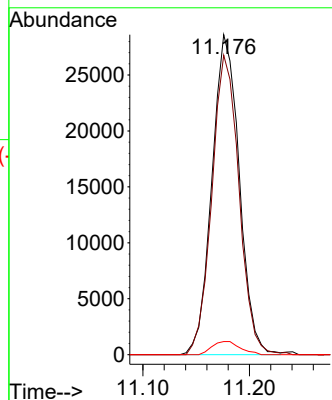
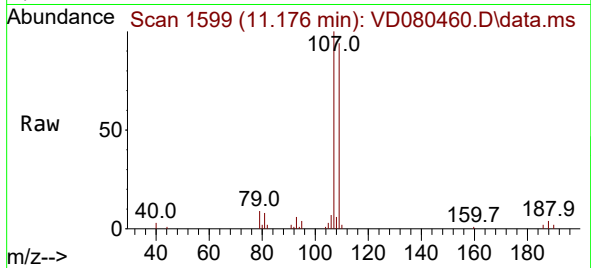




#50
1,2-Dibromoethane
Concen: 25.16 ug/L
RT: 11.176 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VD080460.D
Acq: 19 Jun 2025 14:11

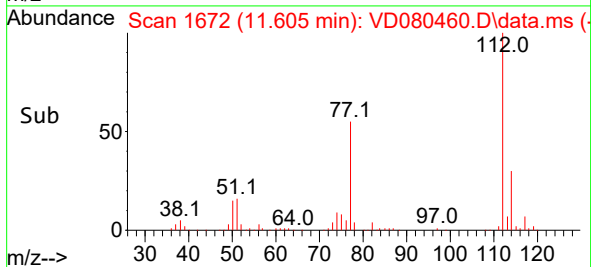
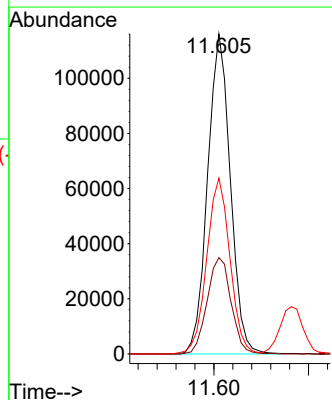
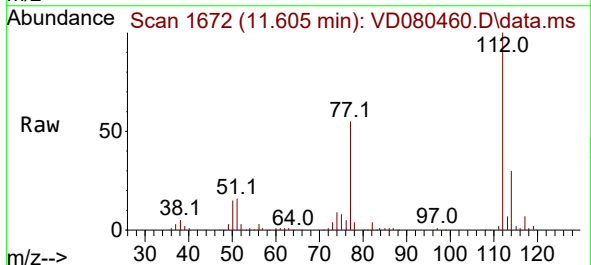
Instrument :
MSVOA_D
ClientSampleId :
VSTD025509

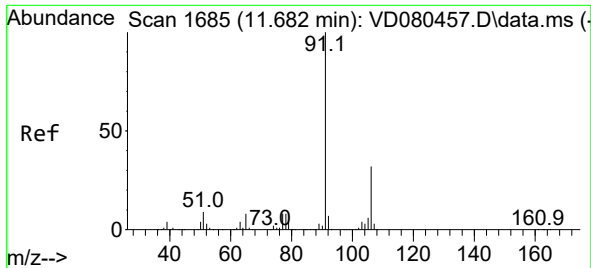
Tgt Ion:107 Resp: 51017
Ion Ratio Lower Upper
107 100
109 93.6 69.8 129.6
188 4.1 2.9 4.3



#51
Chlorobenzene
Concen: 27.33 ug/L
RT: 11.605 min Scan# 1672
Delta R.T. 0.000 min
Lab File: VD080460.D
Acq: 19 Jun 2025 14:11

Tgt Ion:112 Resp: 193468
Ion Ratio Lower Upper
112 100
114 30.1 22.3 41.3
77 54.9 44.2 66.4

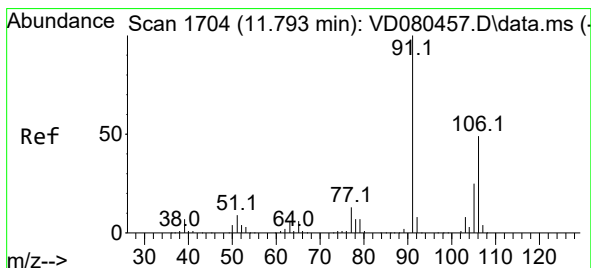
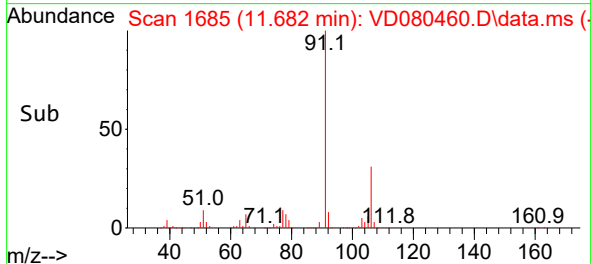
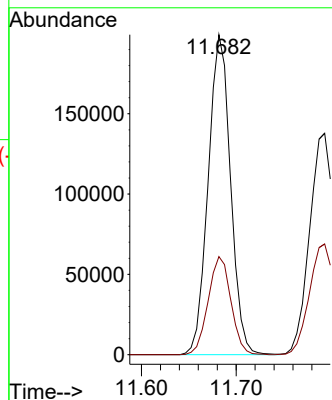
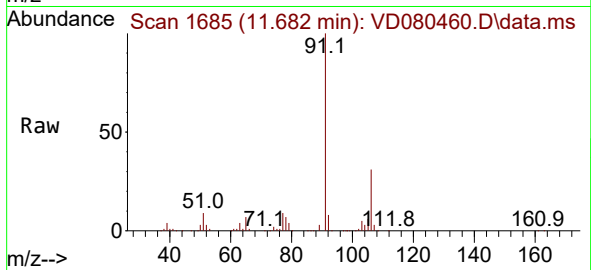




#52
Ethylbenzene
Concen: 29.36 ug/L
RT: 11.682 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VD080460.D
Acq: 19 Jun 2025 14:11

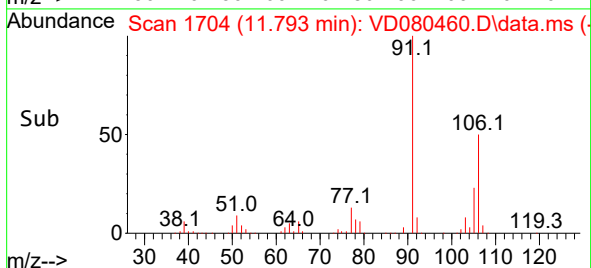
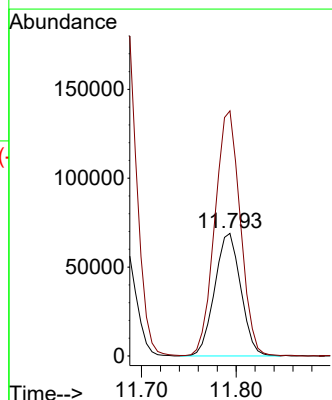
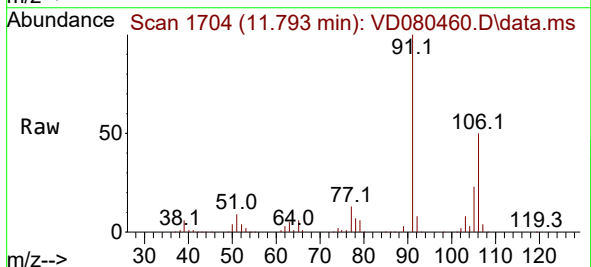
Instrument :
MSVOA_D
ClientSampleId :
VSTD025509

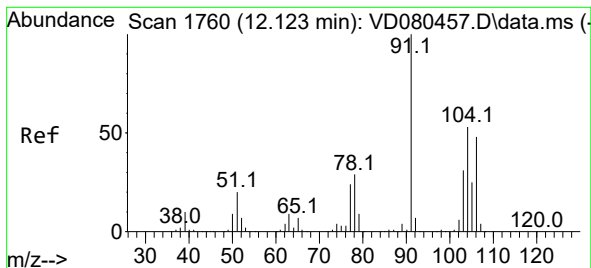
Tgt Ion: 91 Resp: 326759
Ion Ratio Lower Upper
91 100
106 30.6 22.1 41.1



#53
m,p-Xylene
Concen: 30.26 ug/L
RT: 11.793 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD080460.D
Acq: 19 Jun 2025 14:11

Tgt Ion: 106 Resp: 132136
Ion Ratio Lower Upper
106 100
91 200.0 134.1 249.1





#54

o-Xylene

Concen: 28.69 ug/L

RT: 12.117 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD080460.D

Acq: 19 Jun 2025 14:11

Instrument :

MSVOA_D

ClientSampleId :

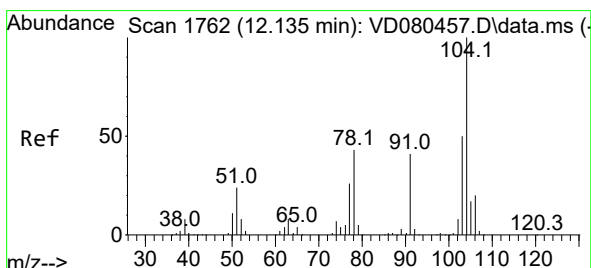
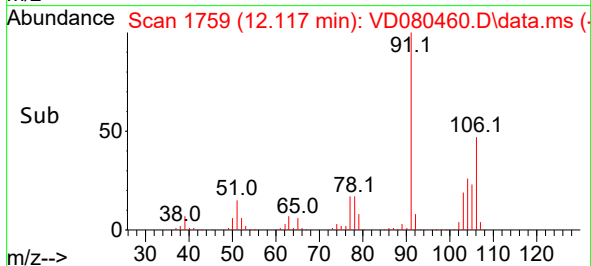
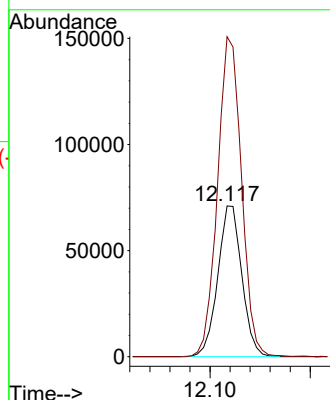
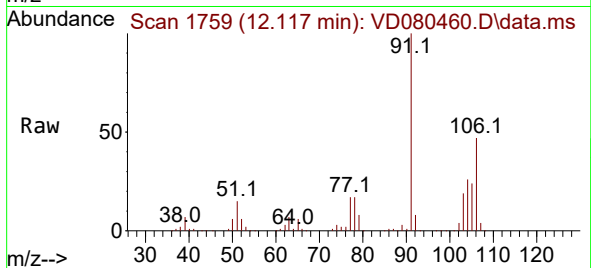
VSTD025509

Tgt Ion:106 Resp: 118073

Ion Ratio Lower Upper

106 100

91 212.2 148.3 275.3



#55

Styrene

Concen: 30.06 ug/L

RT: 12.135 min Scan# 1762

Delta R.T. 0.000 min

Lab File: VD080460.D

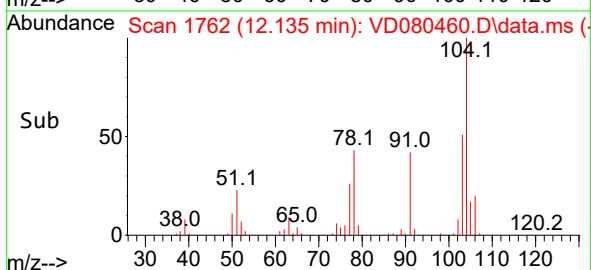
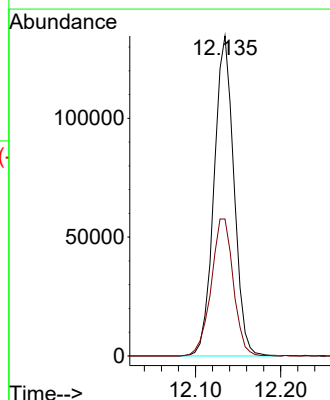
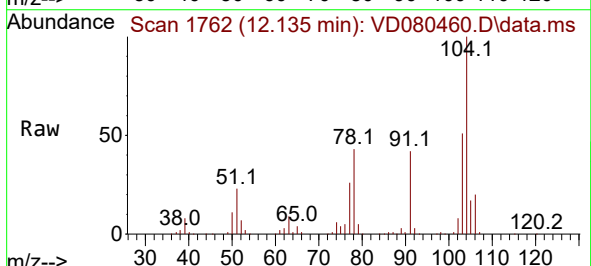
Acq: 19 Jun 2025 14:11

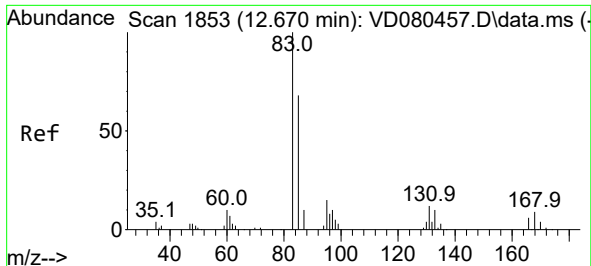
Tgt Ion:104 Resp: 218193

Ion Ratio Lower Upper

104 100

78 42.8 30.0 55.8





#57

1,1,2,2-Tetrachloroethane

Concen: 23.00 ug/L

RT: 12.670 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VD080460.D

Acq: 19 Jun 2025 14:11

Instrument :

MSVOA_D

ClientSampleId :

VSTD025509

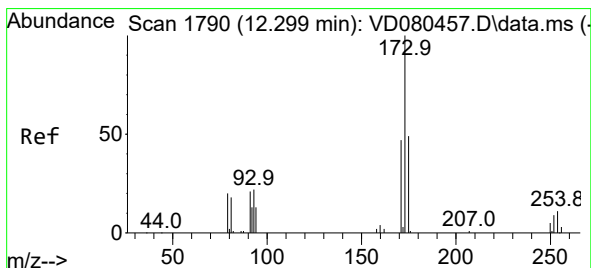
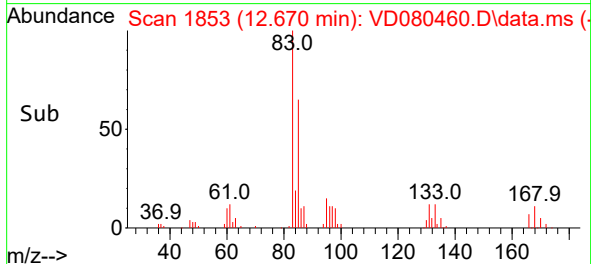
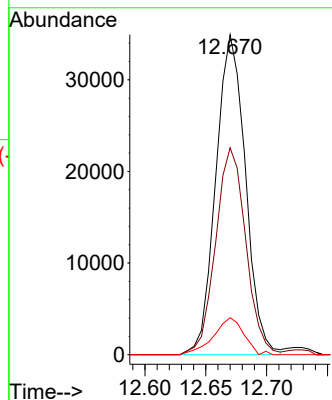
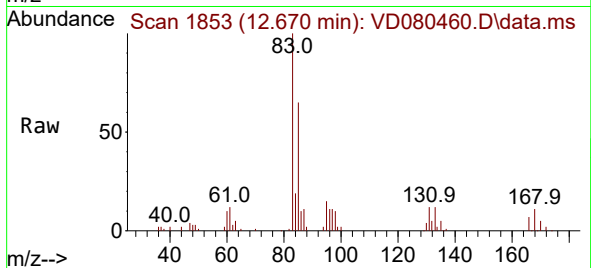
Tgt Ion: 83 Resp: 59083

Ion Ratio Lower Upper

83 100

85 64.6 42.8 79.6

131 11.6 7.8 11.8



#59

Bromoform

Concen: 23.33 ug/L

RT: 12.293 min Scan# 1789

Delta R.T. -0.006 min

Lab File: VD080460.D

Acq: 19 Jun 2025 14:11

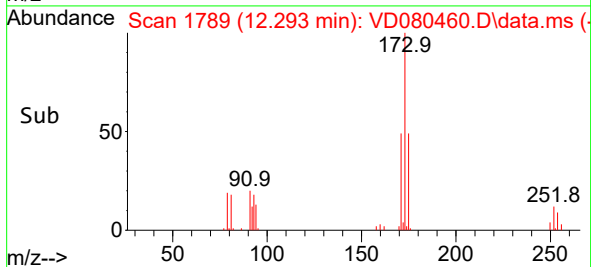
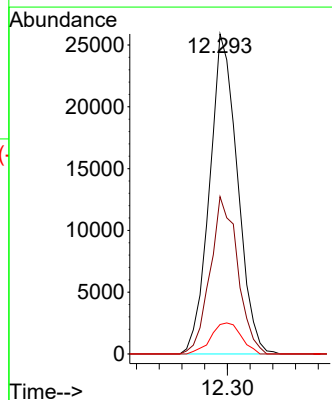
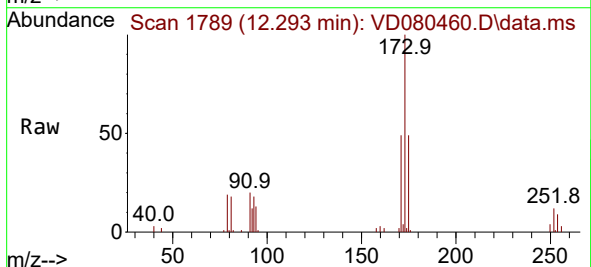
Tgt Ion:173 Resp: 44189

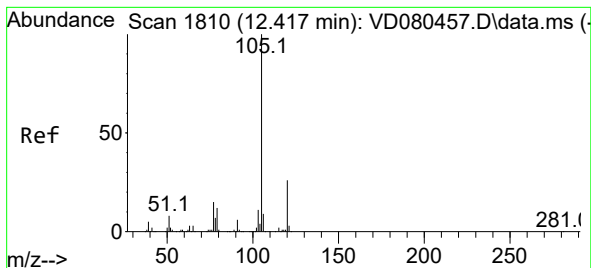
Ion Ratio Lower Upper

173 100

175 48.4 38.2 57.4

254 10.5 9.0 13.4





#60

Isopropylbenzene

Concen: 28.61 ug/L

RT: 12.423 min Scan# 1811

Delta R.T. 0.006 min

Lab File: VD080460.D

Acq: 19 Jun 2025 14:11

Instrument :

MSVOA_D

ClientSampleId :

VSTD025509

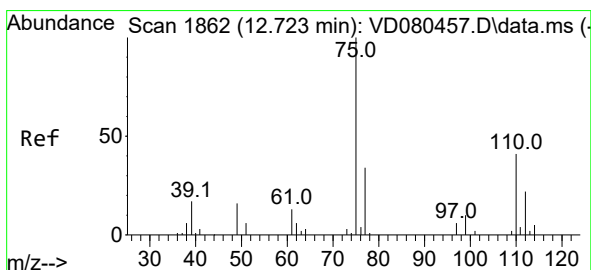
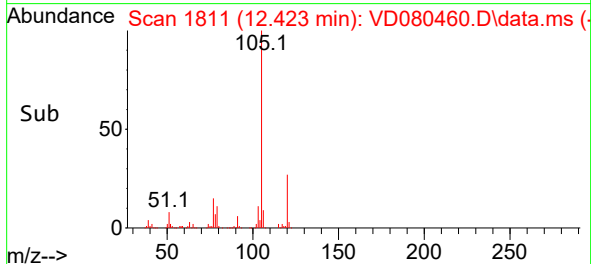
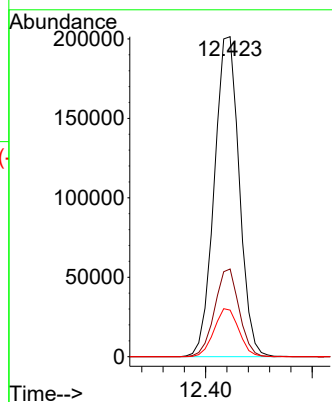
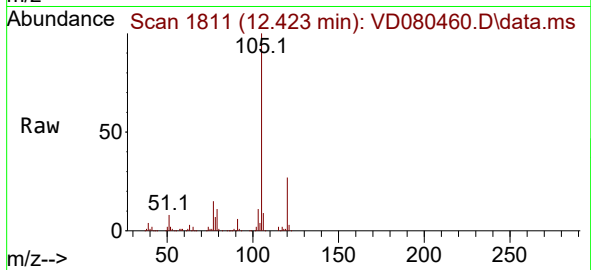
Tgt Ion:105 Resp: 326923

Ion Ratio Lower Upper

105 100

120 26.9 22.1 33.1

77 14.9 12.1 18.1



#61

1,2,3-Trichloropropane

Concen: 21.45 ug/L

RT: 12.723 min Scan# 1862

Delta R.T. 0.000 min

Lab File: VD080460.D

Acq: 19 Jun 2025 14:11

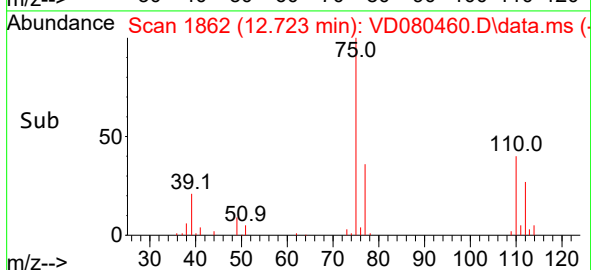
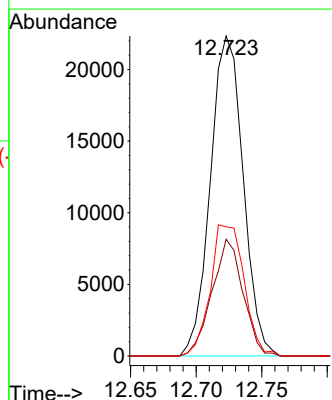
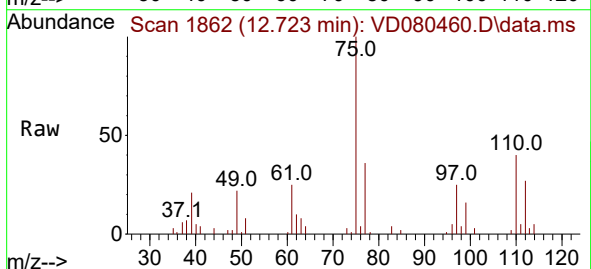
Tgt Ion: 75 Resp: 38860

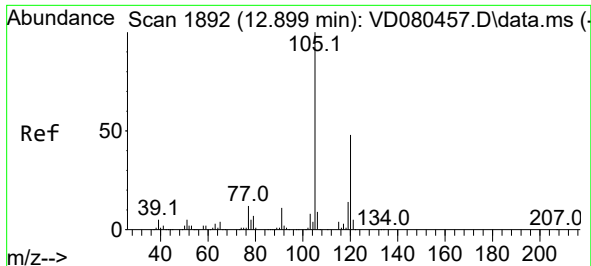
Ion Ratio Lower Upper

75 100

77 34.4 26.8 40.2

110 42.1 33.0 49.4

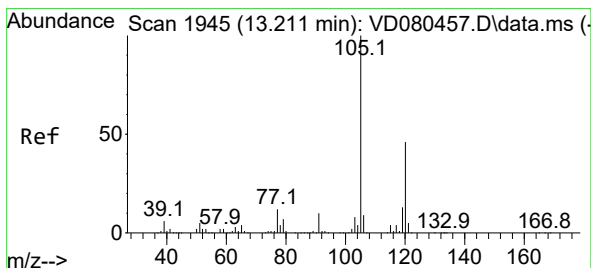
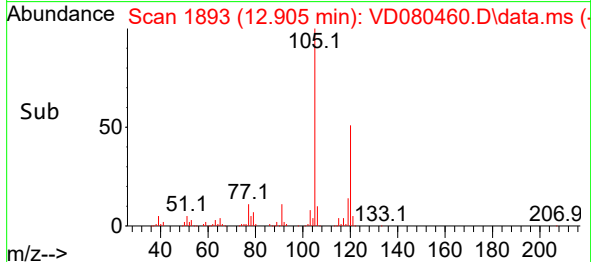
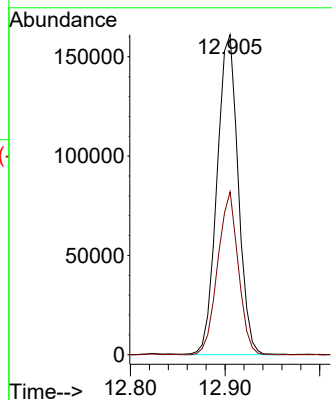
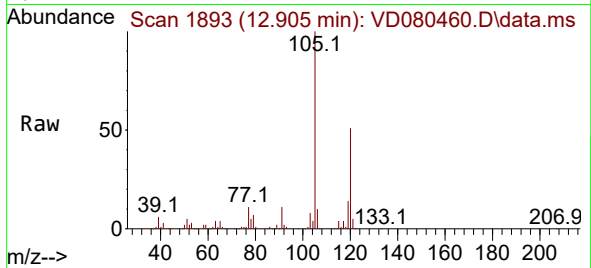




#62
 1,3,5-Trimethylbenzene
 Concen: 28.41 ug/L
 RT: 12.905 min Scan# 1893
 Delta R.T. 0.006 min
 Lab File: VD080460.D
 Acq: 19 Jun 2025 14:11

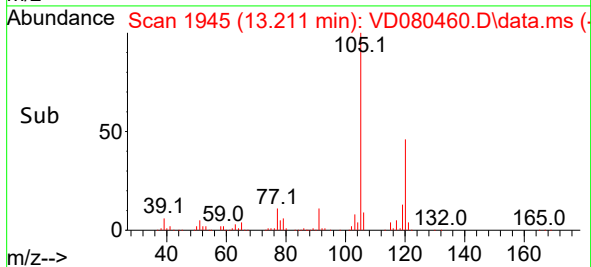
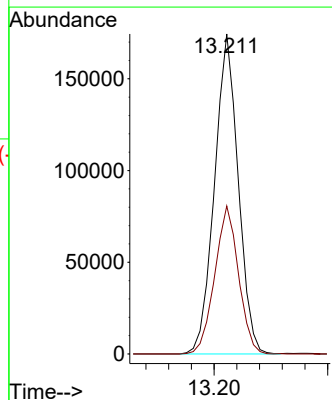
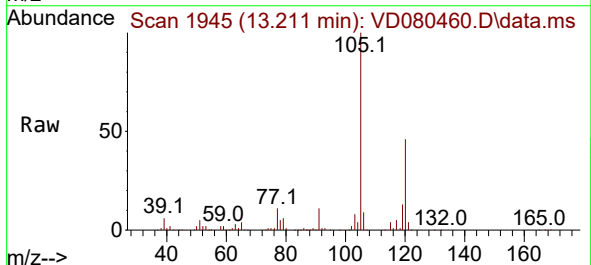
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025509

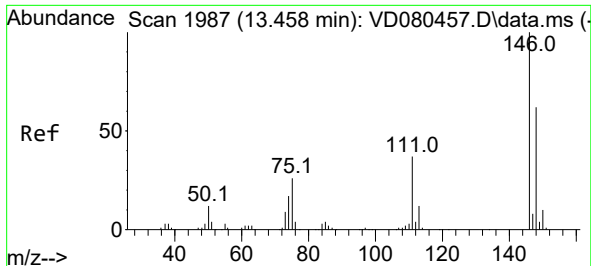
Tgt Ion:105 Resp: 250503
 Ion Ratio Lower Upper
 105 100
 120 49.5 40.1 60.1



#63
 1,2,4-Trimethylbenzene
 Concen: 29.04 ug/L
 RT: 13.211 min Scan# 1945
 Delta R.T. 0.000 min
 Lab File: VD080460.D
 Acq: 19 Jun 2025 14:11

Tgt Ion:105 Resp: 252859
 Ion Ratio Lower Upper
 105 100
 120 46.3 37.5 56.3

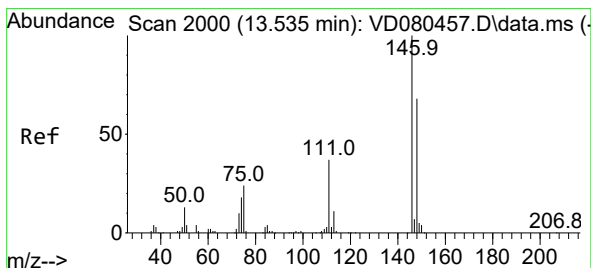
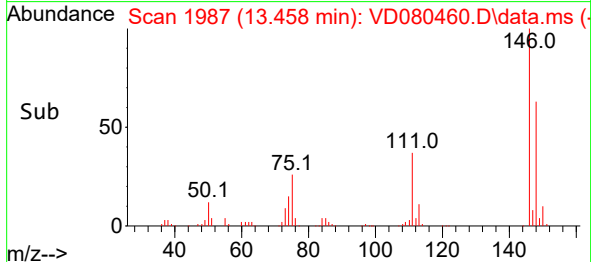
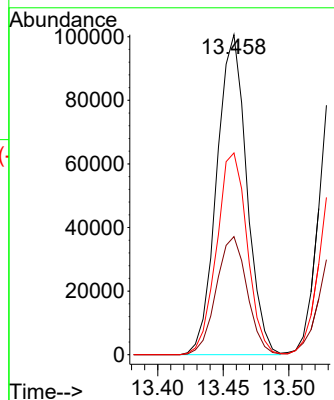
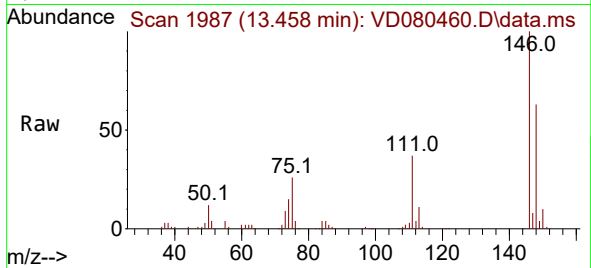




#64
1,3-Dichlorobenzene
Concen: 26.75 ug/L
RT: 13.458 min Scan# 1987
Delta R.T. 0.000 min
Lab File: VD080460.D
Acq: 19 Jun 2025 14:11

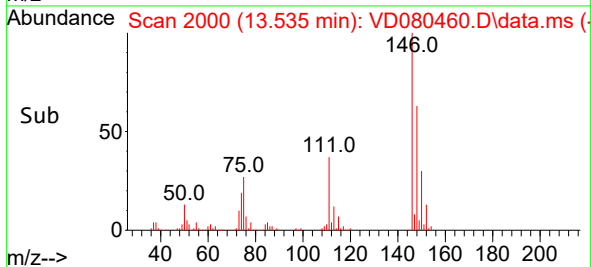
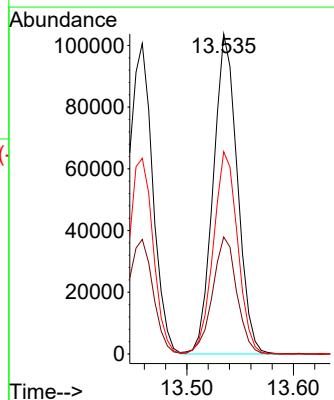
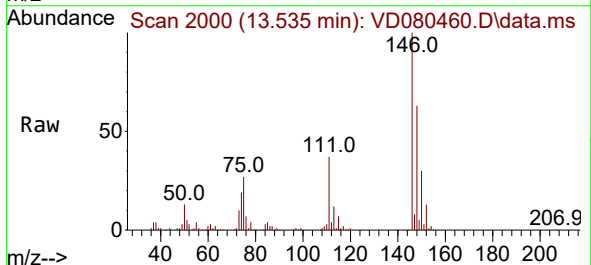
Instrument :
MSVOA_D
ClientSampleId :
VSTD025509

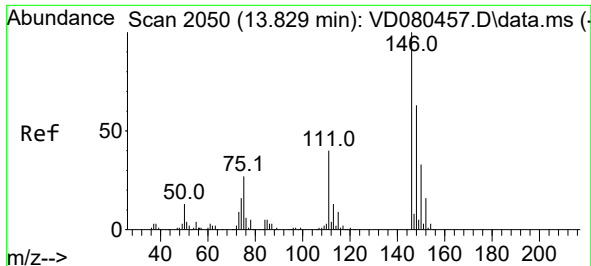
Tgt Ion:146 Resp: 160114
Ion Ratio Lower Upper
146 100
111 36.9 25.4 47.2
148 63.0 42.8 79.6



#65
1,4-Dichlorobenzene
Concen: 26.20 ug/L
RT: 13.535 min Scan# 2000
Delta R.T. 0.000 min
Lab File: VD080460.D
Acq: 19 Jun 2025 14:11

Tgt Ion:146 Resp: 163235
Ion Ratio Lower Upper
146 100
111 36.5 24.5 45.5
148 63.2 44.6 82.8

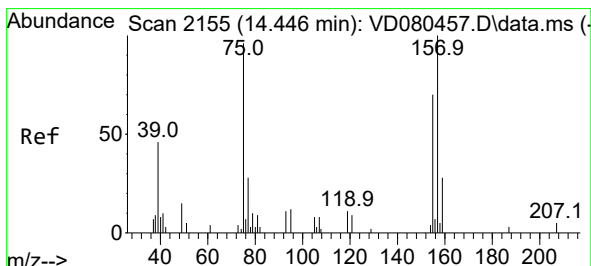
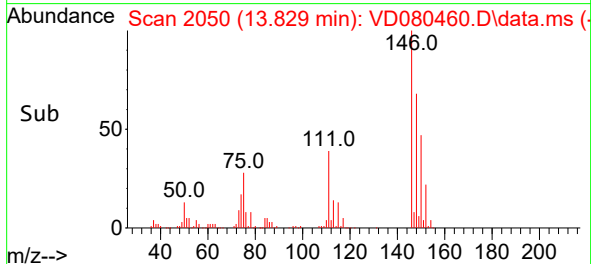
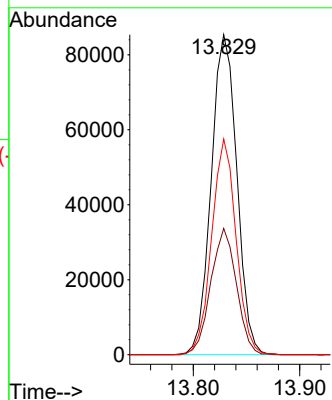
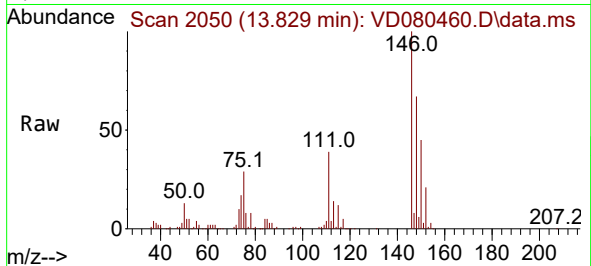




#67
1,2-Dichlorobenzene
Concen: 26.40 ug/L
RT: 13.829 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VD080460.D
Acq: 19 Jun 2025 14:11

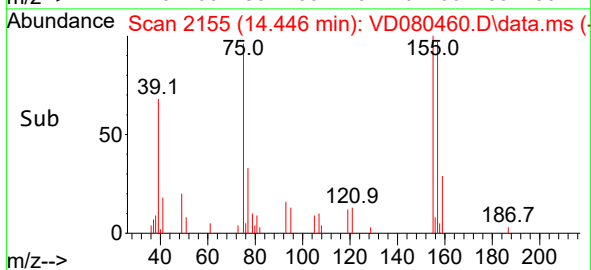
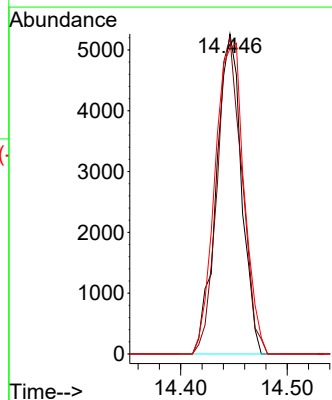
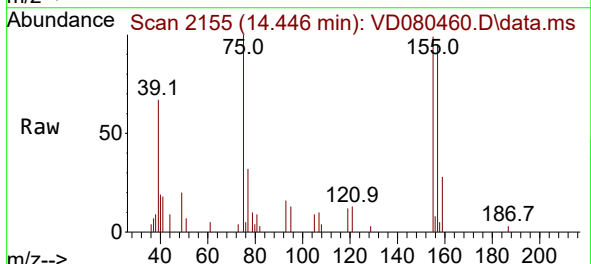
Instrument :
MSVOA_D
ClientSampleId :
VSTD025509

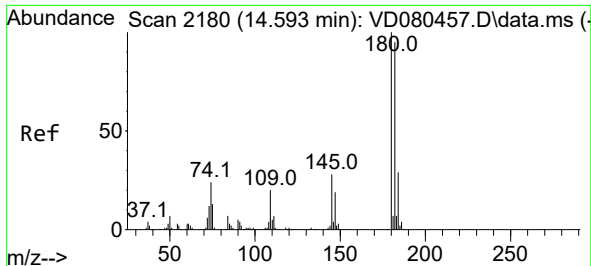
Tgt Ion:146 Resp: 142711
Ion Ratio Lower Upper
146 100
111 39.5 32.0 48.0
148 67.4 49.7 74.5



#68
1,2-Dibromo-3-chloropropane
Concen: 20.35 ug/L
RT: 14.446 min Scan# 2155
Delta R.T. 0.000 min
Lab File: VD080460.D
Acq: 19 Jun 2025 14:11

Tgt Ion: 75 Resp: 8637
Ion Ratio Lower Upper
75 100
155 98.8 86.2 129.2
157 95.5 94.0 141.0

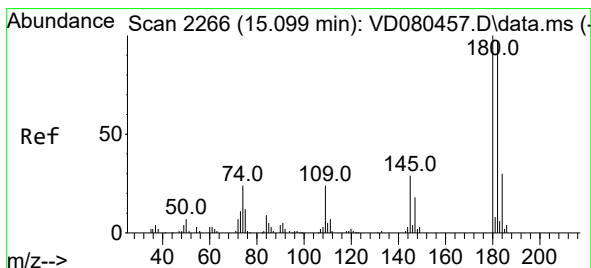
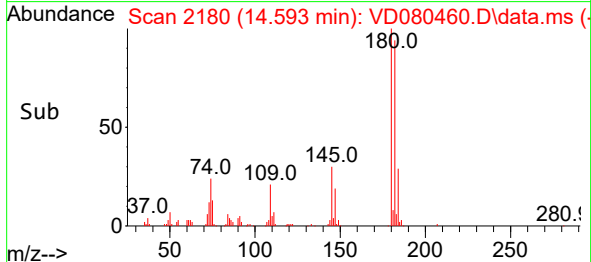
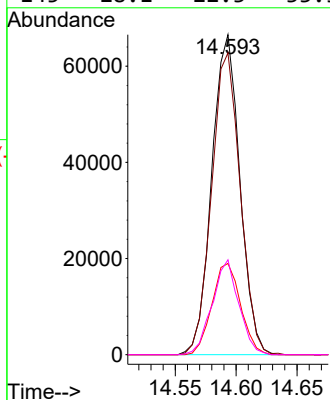
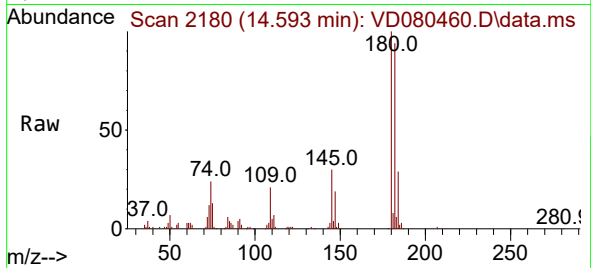




#69
 1,3,5-Trichlorobenzene
 Concen: 25.81 ug/L
 RT: 14.593 min Scan# 2180
 Delta R.T. 0.000 min
 Lab File: VD080460.D
 Acq: 19 Jun 2025 14:11

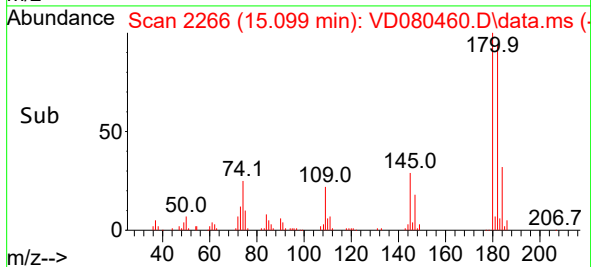
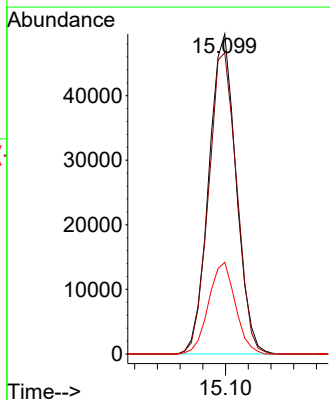
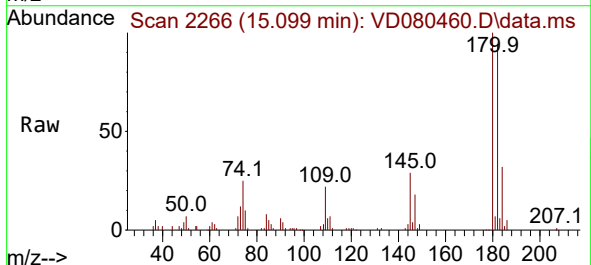
Instrument :
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 ClientSampleId :
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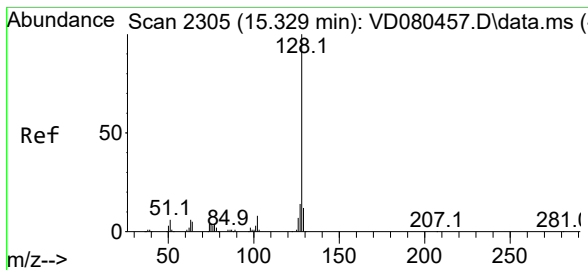
Tgt Ion:180 Resp: 106747
 Ion Ratio Lower Upper
 180 100
 182 96.0 77.0 115.4
 184 29.1 24.9 37.3
 145 28.1 22.3 33.5



#70
 1,2,4-trichlorobenzene
 Concen: 24.43 ug/L
 RT: 15.099 min Scan# 2266
 Delta R.T. 0.000 min
 Lab File: VD080460.D
 Acq: 19 Jun 2025 14:11

Tgt Ion:180 Resp: 82692
 Ion Ratio Lower Upper
 180 100
 182 96.4 76.0 114.0
 145 28.1 22.2 33.4

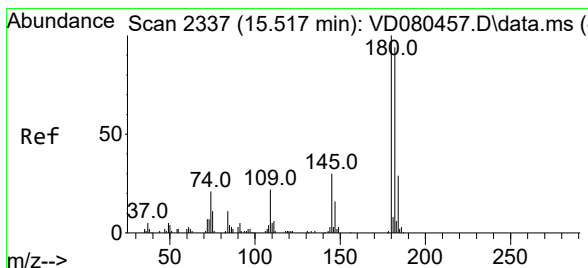
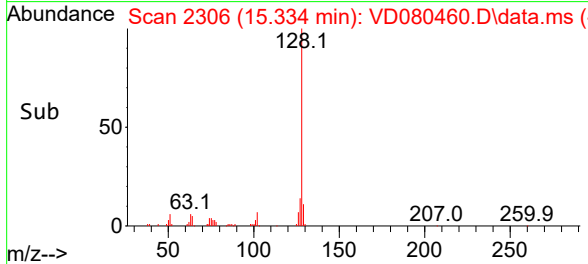
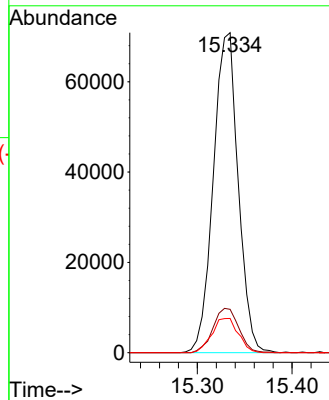
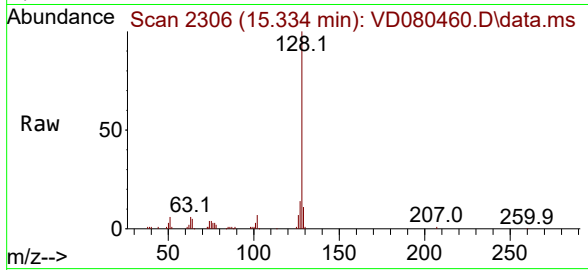




#71
Naphthalene
Concen: 21.02 ug/L
RT: 15.334 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD080460.D
Acq: 19 Jun 2025 14:11

Instrument :
MSVOA_D
ClientSampleId :
VSTD025509

Tgt Ion:128 Resp: 129295
Ion Ratio Lower Upper
128 100
127 14.4 11.0 16.6
129 11.4 9.0 13.4



#72
1,2,3-Trichlorobenzene
Concen: 24.15 ug/L
RT: 15.523 min Scan# 2338
Delta R.T. 0.006 min
Lab File: VD080460.D
Acq: 19 Jun 2025 14:11

Tgt Ion:180 Resp: 76634
Ion Ratio Lower Upper
180 100
182 97.1 74.7 112.1
145 30.3 24.2 36.4

