

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062025\
 Data File : VD080465.D
 Acq On : 20 Jun 2025 13:10
 Operator : RP/MD
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025510

Quant Time: Jun 23 08:53:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061825SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Jun 23 08:51:45 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.776	114	210995	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.582	117	200982	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.517	152	112605	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.282	65	67742	18.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.76%
7) Chloroethane-d5	2.812	69	62279	20.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.60%
11) 1,1-Dichloroethene-d2	3.923	65	24702	20.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.88%
21) 2-Butanone-d5	6.982	46	24247	40.88	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.76%
24) Chloroform-d	7.564	84	131614	22.65	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	8.235	65	64670	21.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.08%
32) Benzene-d6	8.200	84	255703	23.14	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.56%
36) 1,2-Dichloropropane-d6	9.211	67	79096	21.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.24%
41) Toluene-d8	10.270	98	246738	23.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.52%
43) trans-1,3-Dichloroprop...	10.523	79	32333	21.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.60%
47) 2-Hexanone-d5	10.876	63	22757	41.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.64%
56) 1,1,2,2-Tetrachloroeth...	12.646	84	70189	21.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.60%
66) 1,2-Dichlorobenzene-d4	13.811	152	90336	22.12	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.48%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.935	85	80719	24.18	ug/L	100
3) Chloromethane	2.147	50	76445	24.40	ug/L	98
5) Vinyl chloride	2.288	62	98037	25.64	ug/L	94
6) Bromomethane	2.700	94	72405	30.50	ug/L	92
8) Chloroethane	2.841	64	64945	24.67	ug/L	99
9) Trichlorofluoromethane	3.182	101	136001	25.91	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.970	101	87241	26.79	ug/L	100
12) 1,1-Dichloroethene	3.947	96	70575	26.68	ug/L	94
13) Acetone	4.018	43	31495	62.31	ug/L	97
14) Carbon disulfide	4.276	76	239725	26.71	ug/L	99
15) Methyl Acetate	4.565	43	30895	25.35	ug/L	98
16) Methylene chloride	4.800	84	88264	26.99	ug/L	93
17) trans-1,2-Dichloroethene	5.317	96	82056	29.62	ug/L	94
18) Methyl tert-butyl Ether	5.323	73	150411	26.98	ug/L	98
19) 1,1-Dichloroethane	6.117	63	143099	27.55	ug/L	98
20) cis-1,2-Dichloroethene	7.082	96	87006	28.80	ug/L	96
22) 2-Butanone	7.082	43	40707	55.47	ug/L	95
23) Bromochloromethane	7.423	128	44325	27.30	ug/L	88
25) Chloroform	7.594	83	159753	26.71	ug/L	92

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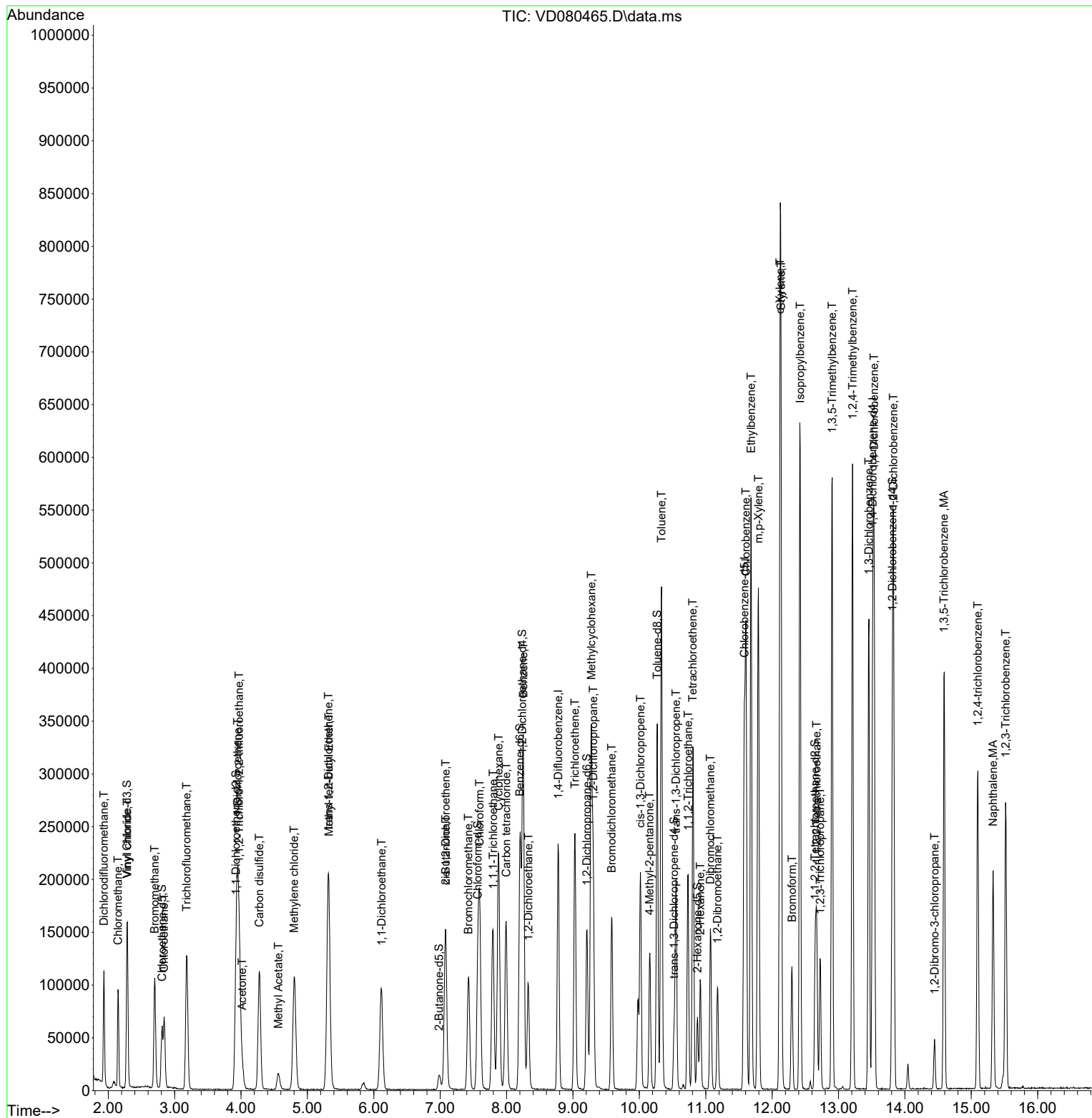
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.329	62	91374	27.22	ug/L	96
29) Cyclohexane	7.882	56	123635	29.63	ug/L	98
30) 1,1,1-Trichloroethane	7.800	97	133217	28.10	ug/L	98
31) Carbon tetrachloride	7.994	117	126818	27.89	ug/L	100
33) Benzene	8.253	78	327970	29.75	ug/L	100
34) Trichloroethene	9.029	95	90518	28.46	ug/L	94
35) Methylcyclohexane	9.276	83	140436	29.89	ug/L	99
37) 1,2-Dichloropropane	9.305	63	89375	29.07	ug/L	99
38) Bromodichloromethane	9.582	83	113271	28.02	ug/L	99
39) cis-1,3-Dichloropropene	10.017	75	128586	27.95	ug/L	98
40) 4-Methyl-2-pentanone	10.152	43	84997	53.94	ug/L	98
42) Toluene	10.335	91	381029	31.27	ug/L	94
44) trans-1,3-Dichloropropene	10.552	75	113601	29.17	ug/L	98
45) 1,1,2-Trichloroethane	10.735	97	69848	27.96	ug/L	94
46) Tetrachloroethene	10.805	164	84271	29.63	ug/L	98
48) 2-Hexanone	10.917	43	64208	55.92	ug/L	99
49) Dibromochloromethane	11.070	129	86972	28.49	ug/L	100
50) 1,2-Dibromoethane	11.176	107	65966	27.39	ug/L #	91
51) Chlorobenzene	11.605	112	241769	28.76	ug/L	98
52) Ethylbenzene	11.682	91	408722	30.92	ug/L	97
53) m,p-Xylene	11.794	106	160259	30.90	ug/L	99
54) o-Xylene	12.117	106	148611	30.40	ug/L	98
55) Styrene	12.135	104	273174	31.69	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.670	83	80078	26.24	ug/L	99
59) Bromoform	12.299	173	57497	26.03	ug/L	99
60) Isopropylbenzene	12.423	105	414040	31.07	ug/L	99
61) 1,2,3-Trichloropropane	12.723	75	53074	25.13	ug/L	99
62) 1,3,5-Trimethylbenzene	12.905	105	318856	31.02	ug/L	99
63) 1,2,4-Trimethylbenzene	13.211	105	318001	31.33	ug/L	99
64) 1,3-Dichlorobenzene	13.458	146	203108	29.10	ug/L	97
65) 1,4-Dichlorobenzene	13.535	146	207966	28.64	ug/L	99
67) 1,2-Dichlorobenzene	13.829	146	179875	28.54	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.446	75	11505	23.25	ug/L	86
69) 1,3,5-Trichlorobenzene	14.588	180	136340	28.27	ug/L	99
70) 1,2,4-trichlorobenzene	15.099	180	110273	27.95	ug/L	99
71) Naphthalene	15.329	128	185622	25.88	ug/L	98
72) 1,2,3-Trichlorobenzene	15.517	180	102441	27.69	ug/L	99

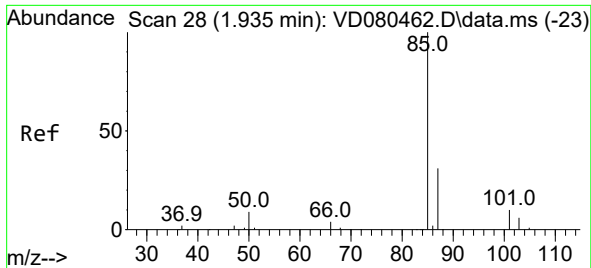
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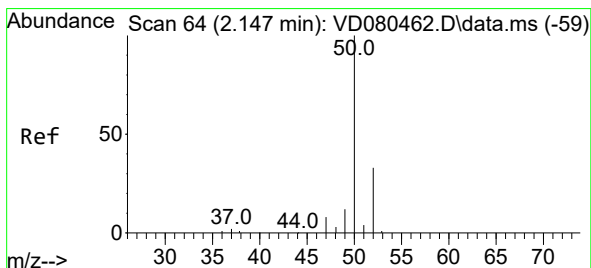
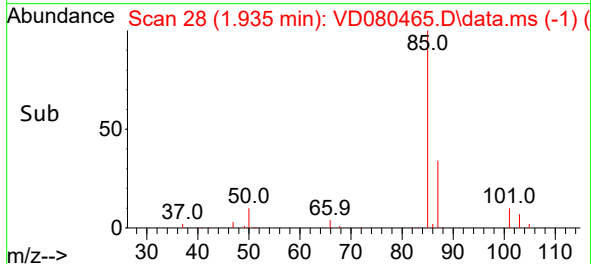
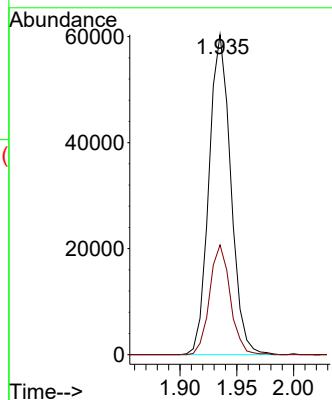
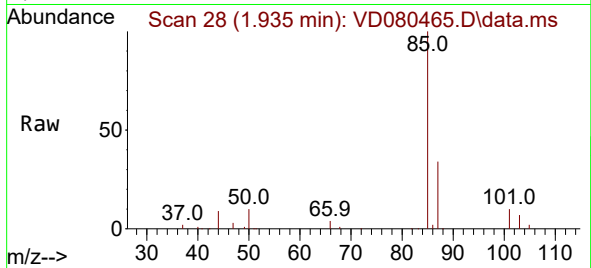




#2
 Dichlorodifluoromethane
 Concen: 24.18 ug/L
 RT: 1.935 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VD080465.D
 Acq: 20 Jun 2025 13:10

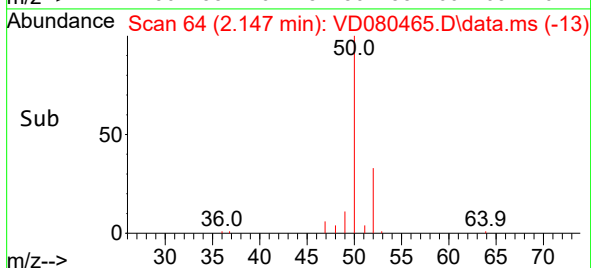
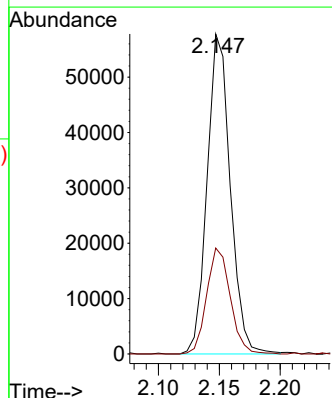
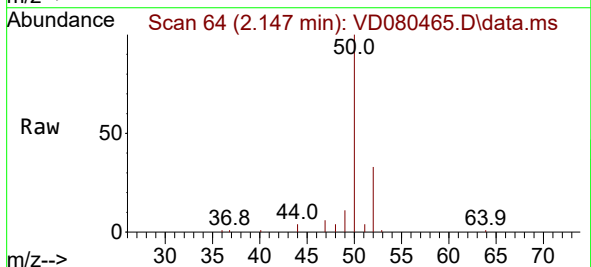
Instrument :
 MSVOA_D
 ClientSampleId :
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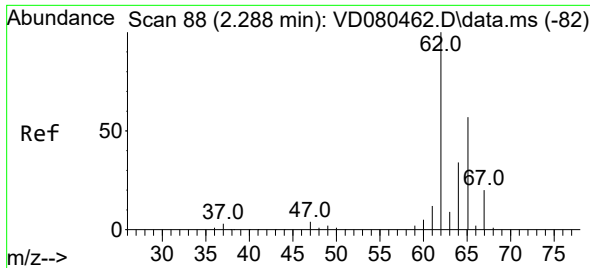
Tgt Ion: 85 Resp: 80719
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.9 38.9



#3
 Chloromethane
 Concen: 24.40 ug/L
 RT: 2.147 min Scan# 64
 Delta R.T. -0.000 min
 Lab File: VD080465.D
 Acq: 20 Jun 2025 13:10

Tgt Ion: 50 Resp: 76445
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.8 44.2

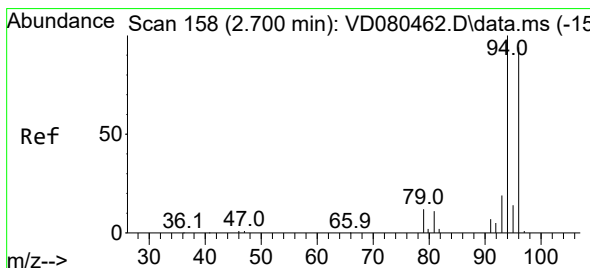
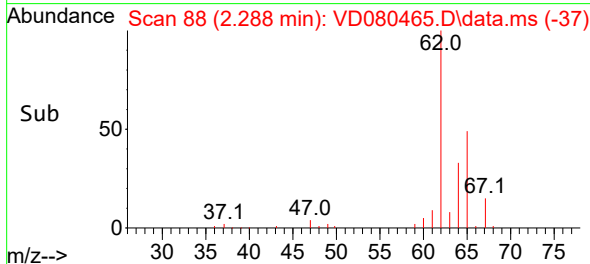
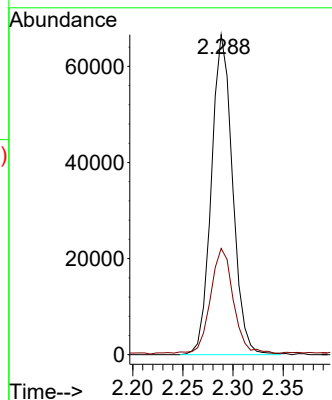
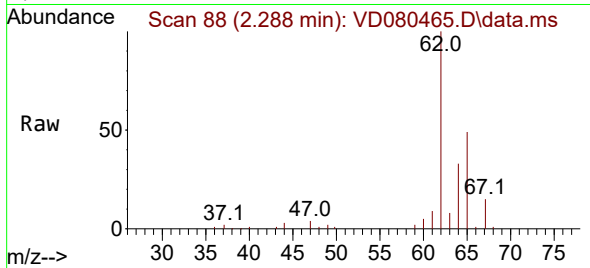




#5
 Vinyl chloride
 Concen: 25.64 ug/L
 RT: 2.288 min Scan# 88
 Delta R.T. -0.000 min
 Lab File: VD080465.D
 Acq: 20 Jun 2025 13:10

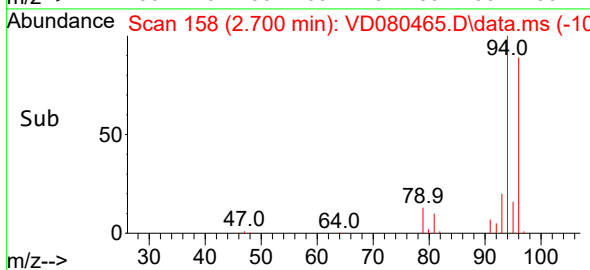
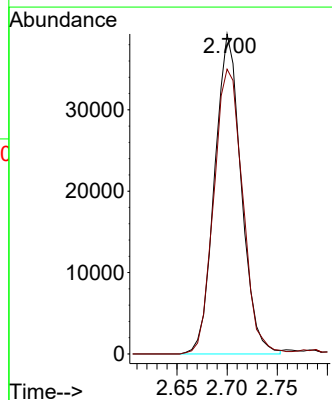
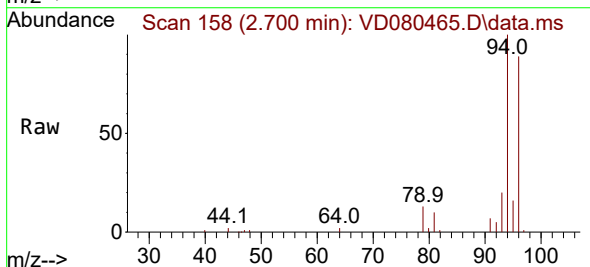
Instrument :
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 ClientSampleId :
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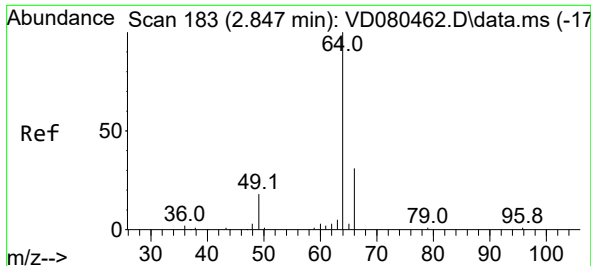
Tgt Ion: 62 Resp: 98037
 Ion Ratio Lower Upper
 62 100
 64 33.2 25.6 47.6



#6
 Bromomethane
 Concen: 30.50 ug/L
 RT: 2.700 min Scan# 158
 Delta R.T. -0.000 min
 Lab File: VD080465.D
 Acq: 20 Jun 2025 13:10

Tgt Ion: 94 Resp: 72405
 Ion Ratio Lower Upper
 94 100
 96 89.0 67.6 125.6

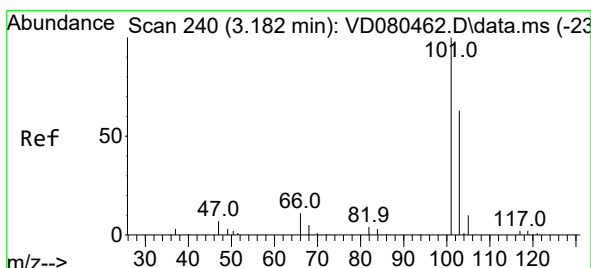
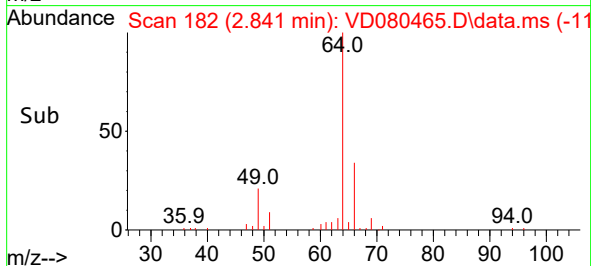
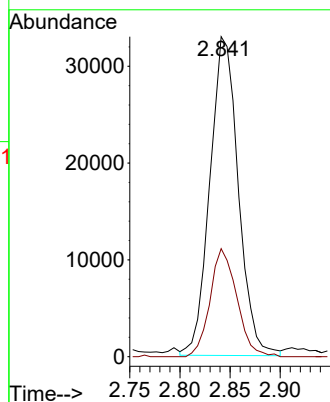
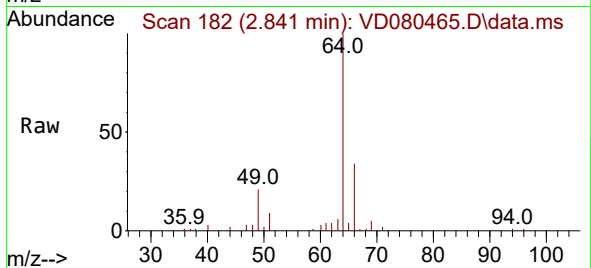




#8
Chloroethane
Concen: 24.67 ug/L
RT: 2.841 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD080465.D
Acq: 20 Jun 2025 13:10

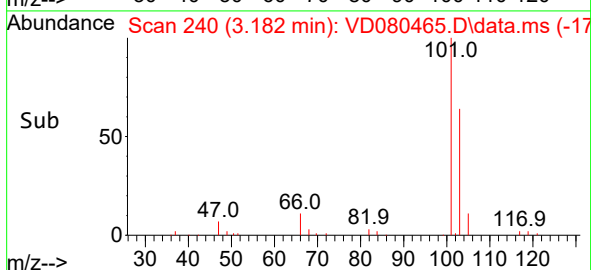
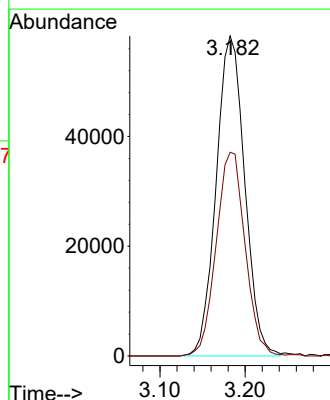
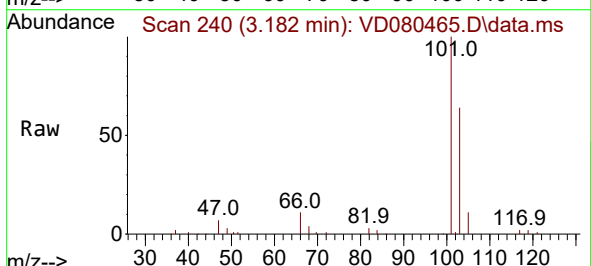
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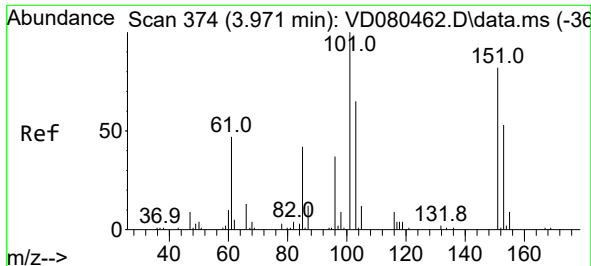
Tgt Ion: 64 Resp: 64945
Ion Ratio Lower Upper
64 100
66 33.7 23.9 44.3



#9
Trichlorofluoromethane
Concen: 25.91 ug/L
RT: 3.182 min Scan# 240
Delta R.T. -0.000 min
Lab File: VD080465.D
Acq: 20 Jun 2025 13:10

Tgt Ion:101 Resp: 136001
Ion Ratio Lower Upper
101 100
103 64.4 51.0 76.4

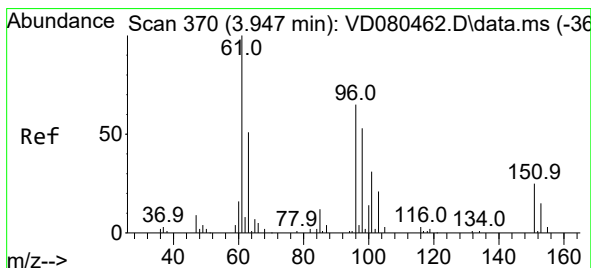
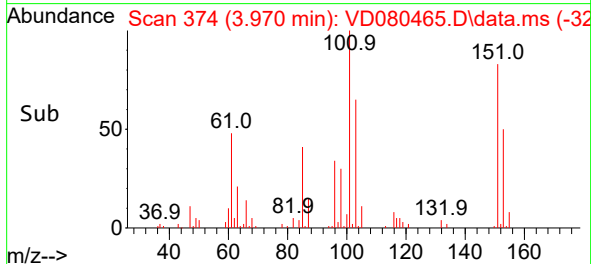
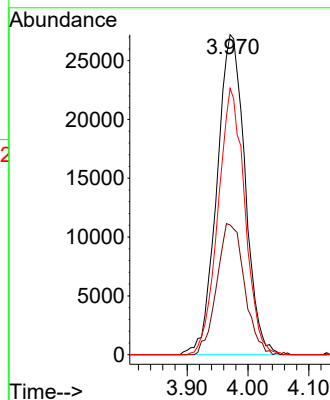
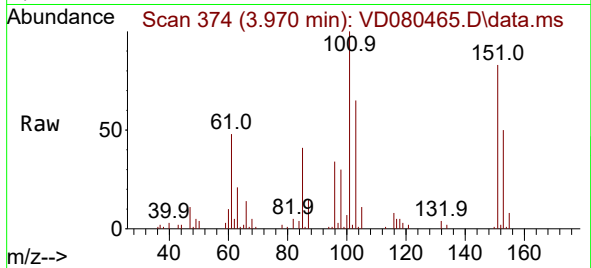




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 26.79 ug/L
RT: 3.970 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD080465.D
Acq: 20 Jun 2025 13:10

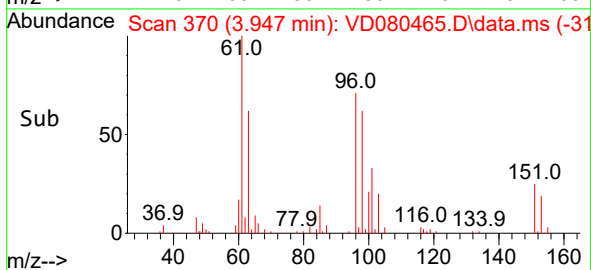
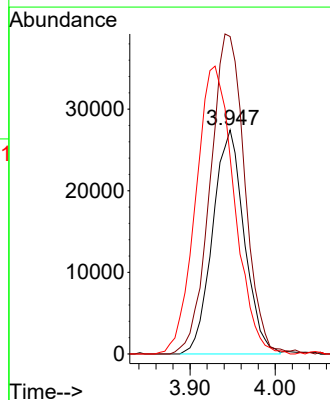
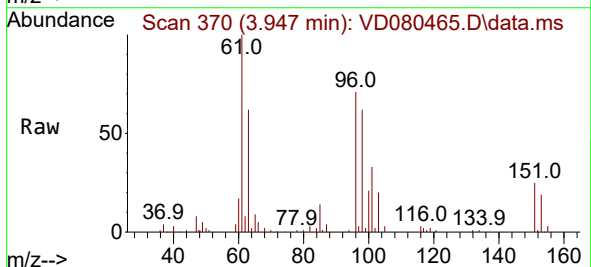
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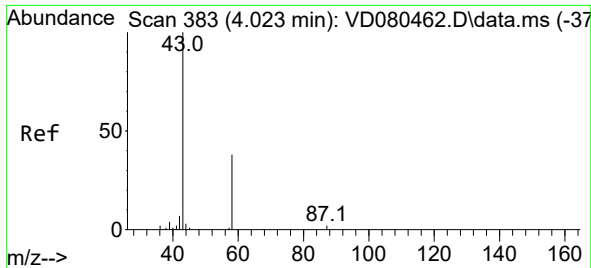
Tgt Ion:101 Resp: 87241
Ion Ratio Lower Upper
101 100
85 40.3 32.0 48.0
151 79.4 63.7 95.5



#12
1,1-Dichloroethene
Concen: 26.68 ug/L
RT: 3.947 min Scan# 370
Delta R.T. -0.000 min
Lab File: VD080465.D
Acq: 20 Jun 2025 13:10

Tgt Ion: 96 Resp: 70575
Ion Ratio Lower Upper
96 100
61 141.6 103.0 191.4
63 87.8 66.4 123.2





#13

Acetone

Concen: 62.31 ug/L

RT: 4.018 min Scan# 382

Delta R.T. -0.006 min

Lab File: VD080465.D

Acq: 20 Jun 2025 13:10

Instrument :

MSVOA_D

ClientSampleId :

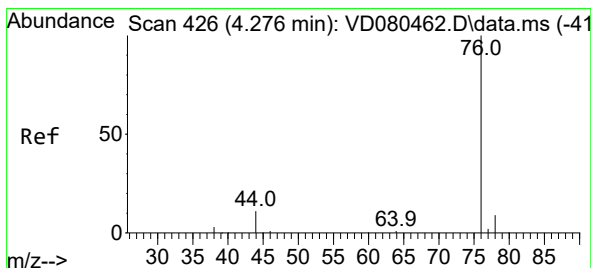
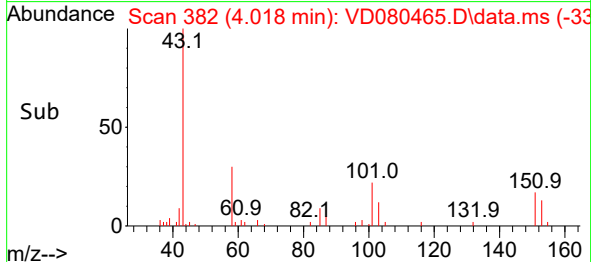
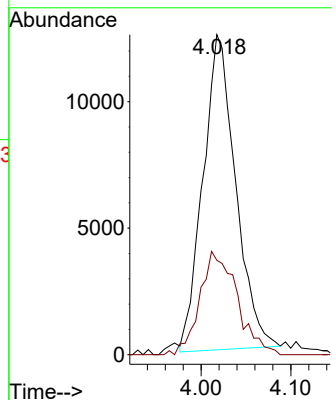
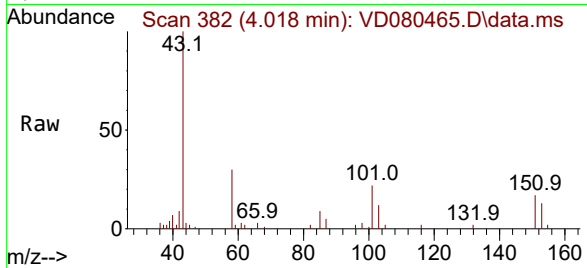
VSTD025510

Tgt Ion: 43 Resp: 31495

Ion Ratio Lower Upper

43 100

58 37.3 0.0 71.0



#14

Carbon disulfide

Concen: 26.71 ug/L

RT: 4.276 min Scan# 426

Delta R.T. -0.000 min

Lab File: VD080465.D

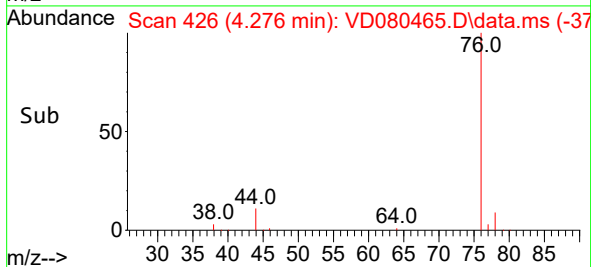
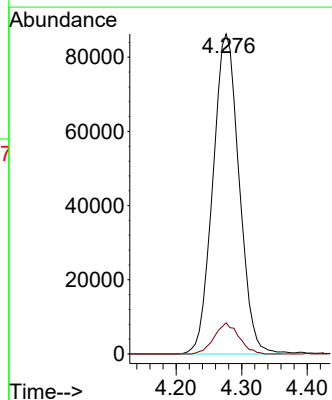
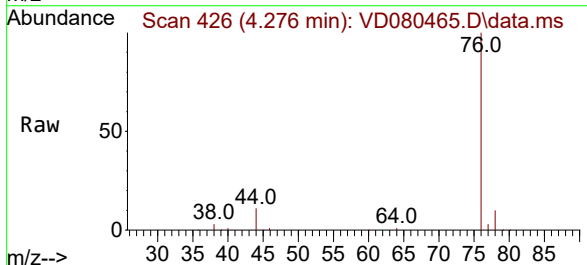
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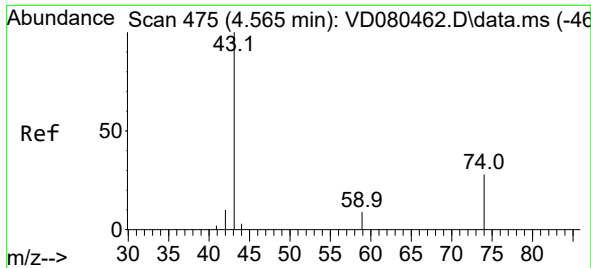
Tgt Ion: 76 Resp: 239725

Ion Ratio Lower Upper

76 100

78 9.7 7.9 11.9

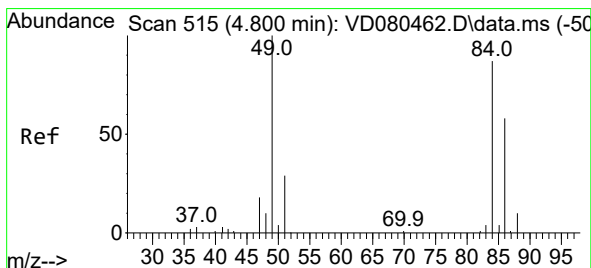
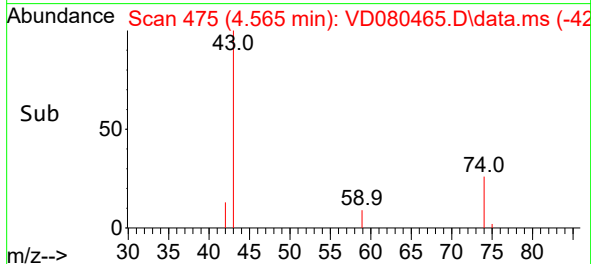
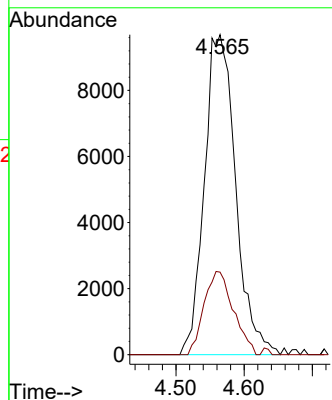
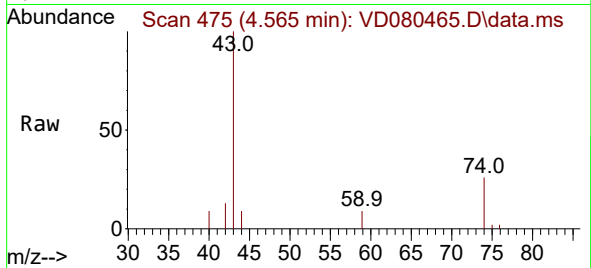




#15
Methyl Acetate
Concen: 25.35 ug/L
RT: 4.565 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD080465.D
Acq: 20 Jun 2025 13:10

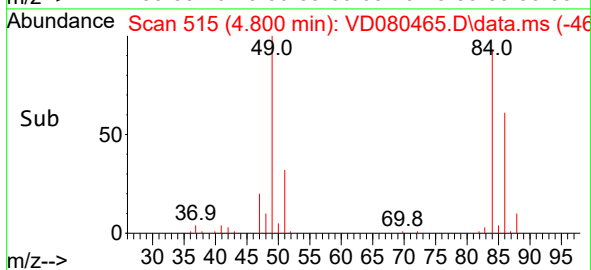
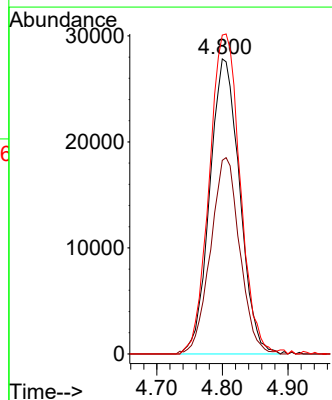
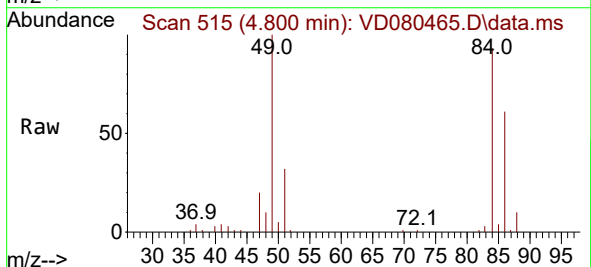
Instrument :
MSVOA_D
ClientSampleId :
VSTD025510

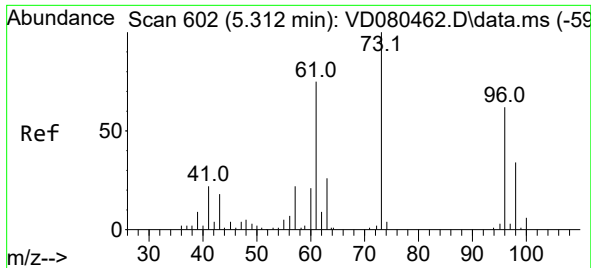
Tgt Ion: 43 Resp: 30895
Ion Ratio Lower Upper
43 100
74 24.4 20.3 30.5



#16
Methylene chloride
Concen: 26.99 ug/L
RT: 4.800 min Scan# 515
Delta R.T. -0.000 min
Lab File: VD080465.D
Acq: 20 Jun 2025 13:10

Tgt Ion: 84 Resp: 88264
Ion Ratio Lower Upper
84 100
86 65.6 46.7 86.7
49 108.0 83.0 154.1

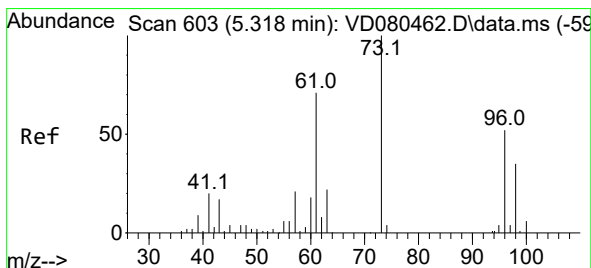
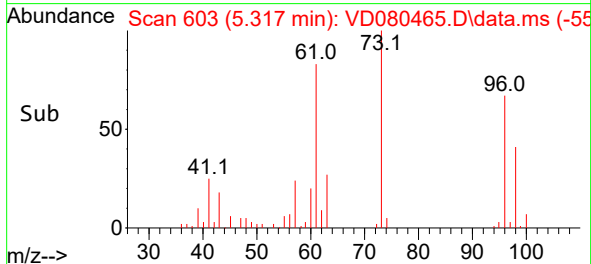
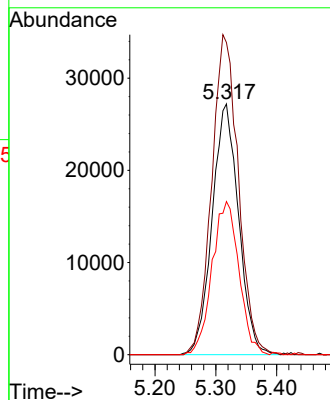
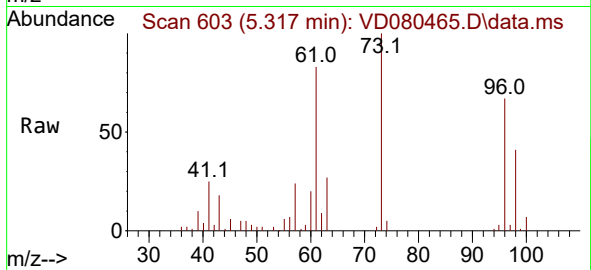




#17
trans-1,2-Dichloroethene
Concen: 29.62 ug/L
RT: 5.317 min Scan# 602
Delta R.T. 0.006 min
Lab File: VD080465.D
Acq: 20 Jun 2025 13:10

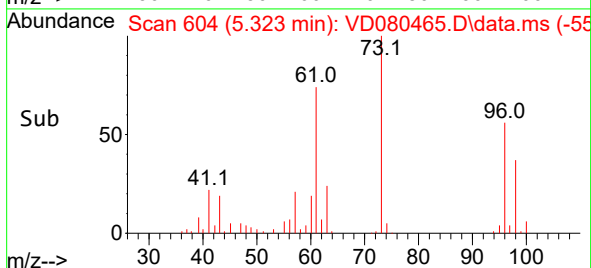
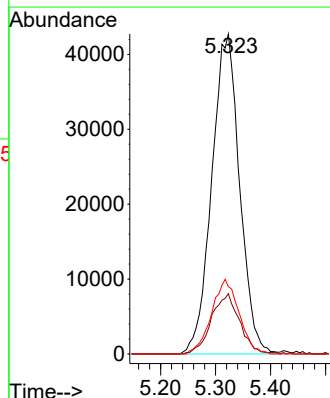
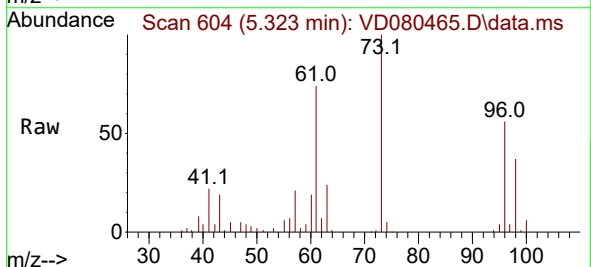
Instrument :
MSVOA_D
ClientSampleId :
VSTD025510

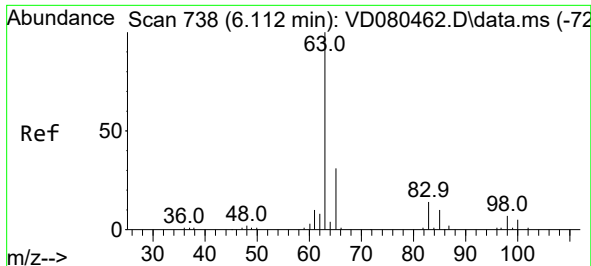
Tgt Ion: 96 Resp: 82056
Ion Ratio Lower Upper
96 100
61 124.5 82.0 152.2
98 61.0 40.3 74.8



#18
Methyl tert-butyl Ether
Concen: 26.98 ug/L
RT: 5.323 min Scan# 604
Delta R.T. 0.006 min
Lab File: VD080465.D
Acq: 20 Jun 2025 13:10

Tgt Ion: 73 Resp: 150411
Ion Ratio Lower Upper
73 100
43 18.9 15.8 23.8
57 22.9 17.6 26.4





#19

1,1-Dichloroethane

Concen: 27.55 ug/L

RT: 6.117 min Scan# 71

Delta R.T. 0.006 min

Lab File: VD080465.D

Acq: 20 Jun 2025 13:10

Instrument :

MSVOA_D

ClientSampleId :

VSTD025510

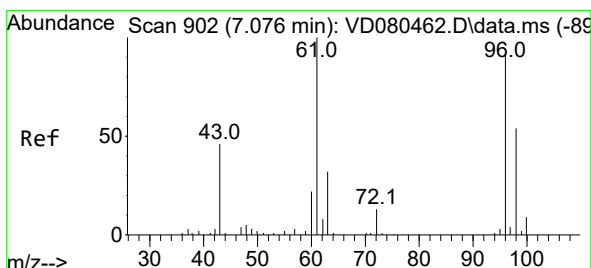
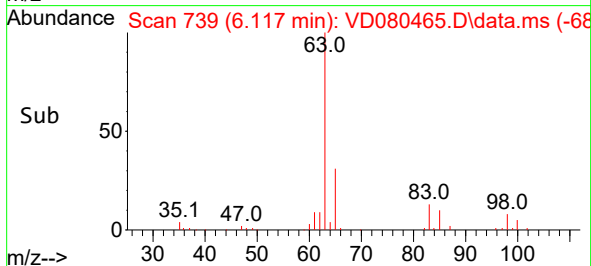
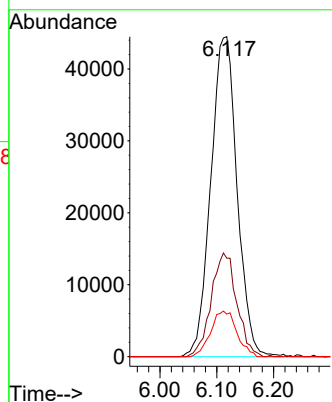
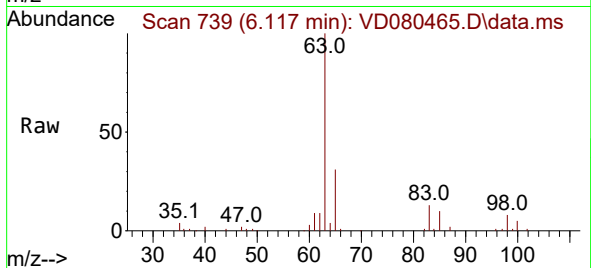
Tgt Ion: 63 Resp: 143099

Ion Ratio Lower Upper

63 100

65 30.8 22.0 41.0

83 13.3 10.8 20.0



#20

cis-1,2-Dichloroethene

Concen: 28.80 ug/L

RT: 7.082 min Scan# 903

Delta R.T. 0.006 min

Lab File: VD080465.D

Acq: 20 Jun 2025 13:10

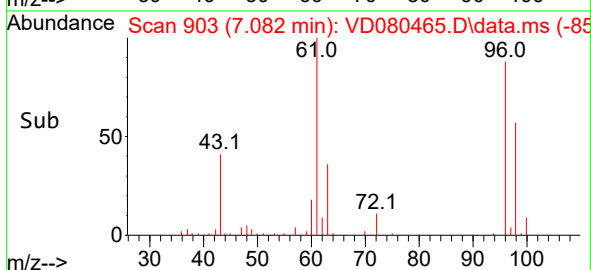
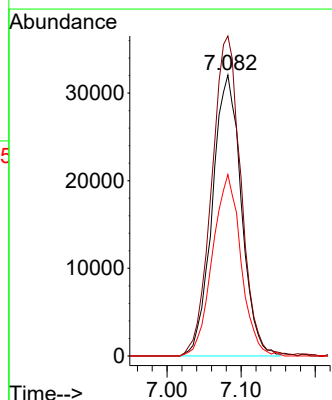
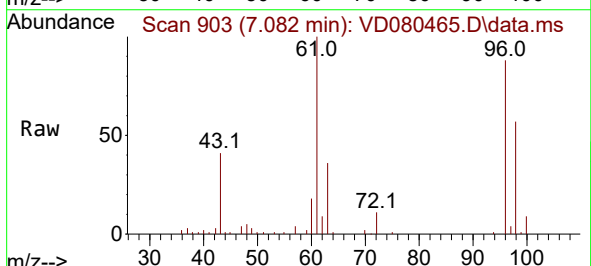
Tgt Ion: 96 Resp: 87006

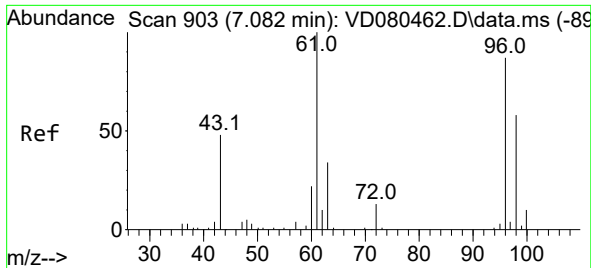
Ion Ratio Lower Upper

96 100

61 113.9 75.8 140.8

98 64.6 45.9 85.3

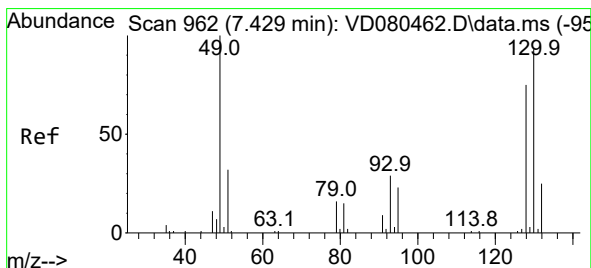
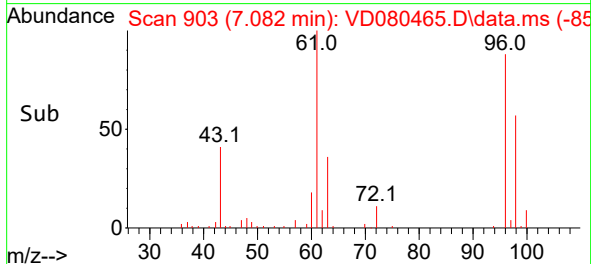
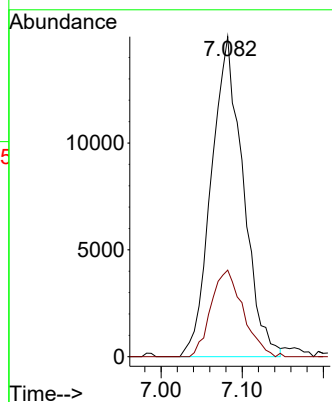
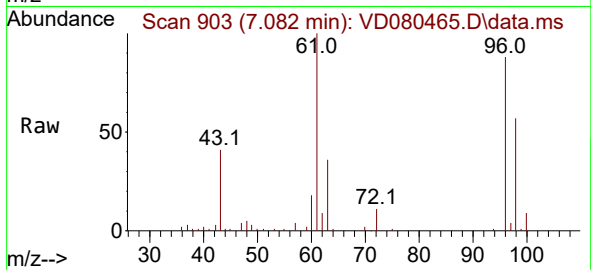




#22
2-Butanone
Concen: 55.47 ug/L
RT: 7.082 min Scan# 903
Delta R.T. -0.000 min
Lab File: VD080465.D
Acq: 20 Jun 2025 13:10

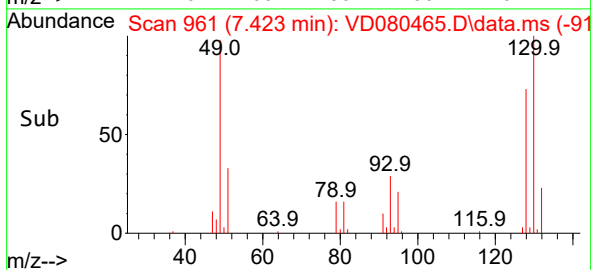
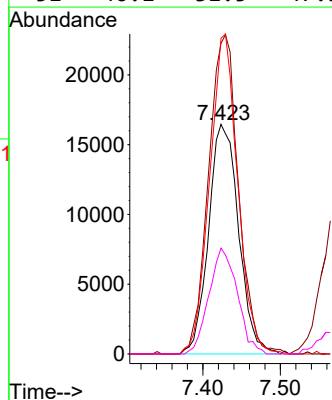
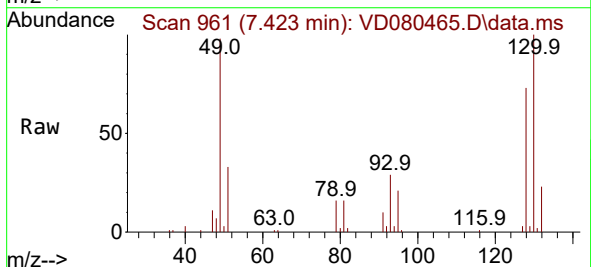
Instrument :
MSVOA_D
ClientSampleId :
VSTD025510

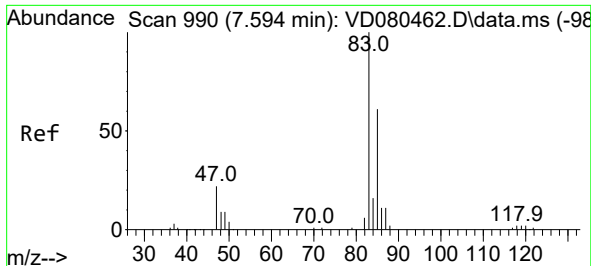
Tgt Ion: 43 Resp: 40707
Ion Ratio Lower Upper
43 100
72 27.2 14.9 44.5



#23
Bromochloromethane
Concen: 27.30 ug/L
RT: 7.423 min Scan# 961
Delta R.T. -0.006 min
Lab File: VD080465.D
Acq: 20 Jun 2025 13:10

Tgt Ion: 128 Resp: 44325
Ion Ratio Lower Upper
128 100
49 135.2 89.5 166.3
130 137.5 82.5 153.1
51 46.1 31.5 47.3

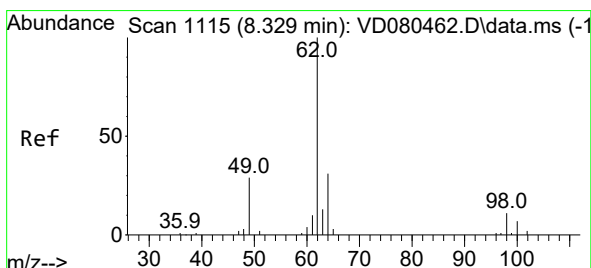
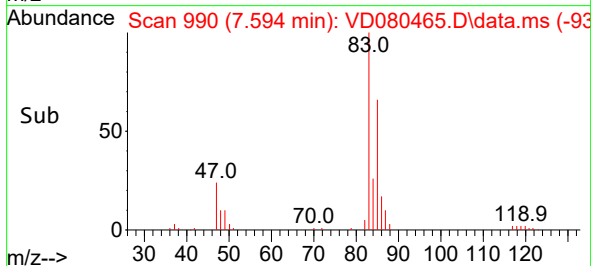
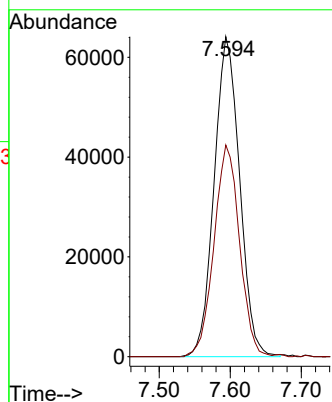
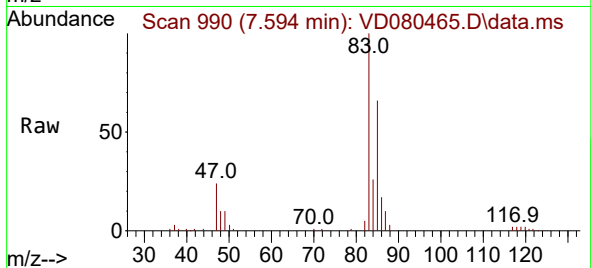




#25
Chloroform
Concen: 26.71 ug/L
RT: 7.594 min Scan# 990
Delta R.T. -0.000 min
Lab File: VD080465.D
Acq: 20 Jun 2025 13:10

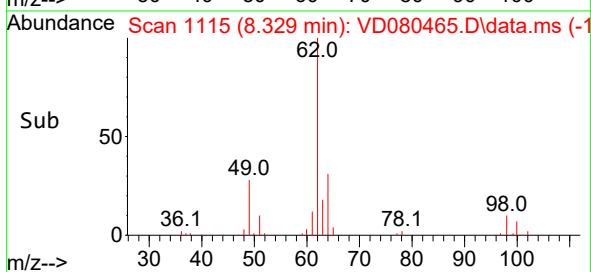
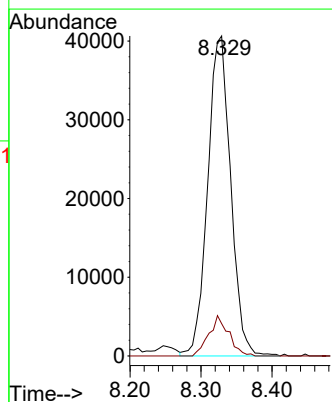
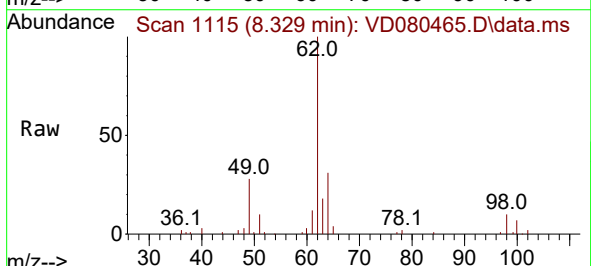
Instrument :
MSVOA_D
ClientSampleId :
VSTD025510

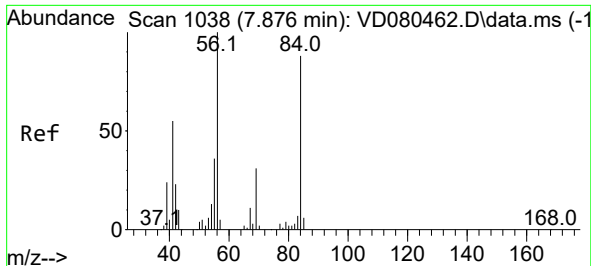
Tgt Ion: 83 Resp: 159753
Ion Ratio Lower Upper
83 100
85 66.2 42.0 78.0



#27
1,2-Dichloroethane
Concen: 27.22 ug/L
RT: 8.329 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VD080465.D
Acq: 20 Jun 2025 13:10

Tgt Ion: 62 Resp: 91374
Ion Ratio Lower Upper
62 100
98 10.1 9.4 14.2





#29

Cyclohexane

Concen: 29.63 ug/L

RT: 7.882 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VD080465.D

Acq: 20 Jun 2025 13:10

Instrument :

MSVOA_D

ClientSampleId :

VSTD025510

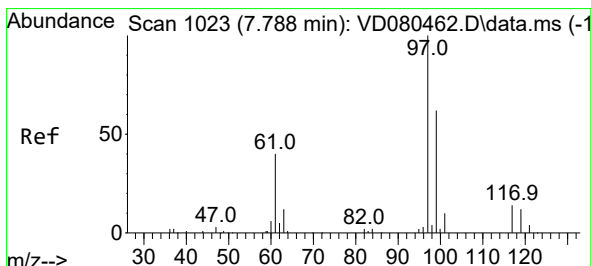
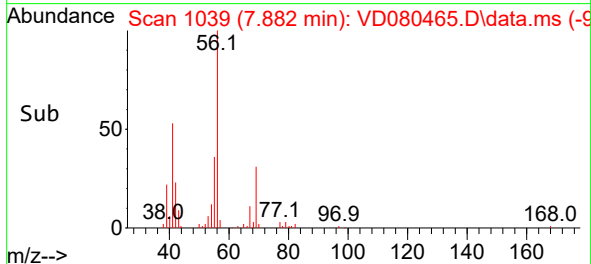
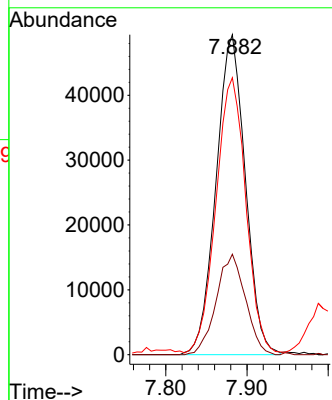
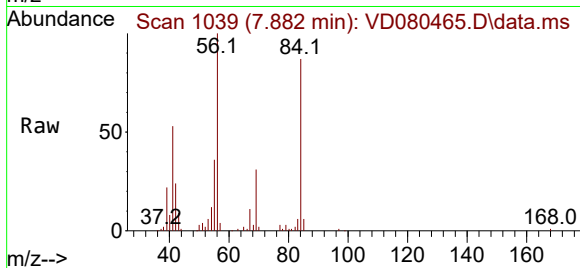
Tgt Ion: 56 Resp: 123635

Ion Ratio Lower Upper

56 100

69 31.2 25.7 38.5

84 89.2 73.4 110.0



#30

1,1,1-Trichloroethane

Concen: 28.10 ug/L

RT: 7.800 min Scan# 1025

Delta R.T. 0.012 min

Lab File: VD080465.D

Acq: 20 Jun 2025 13:10

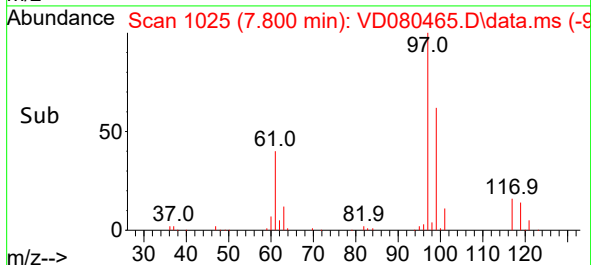
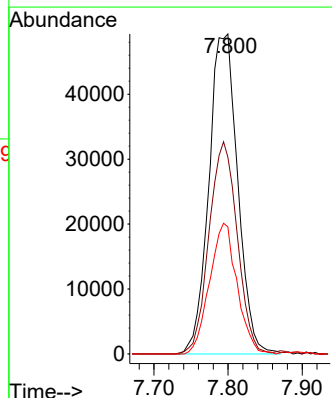
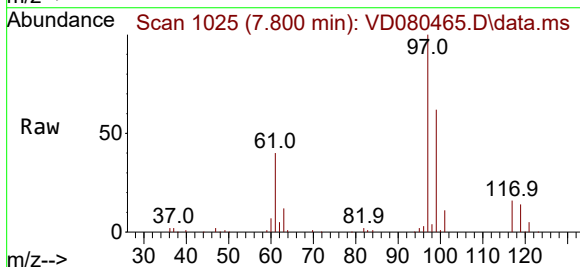
Tgt Ion: 97 Resp: 133217

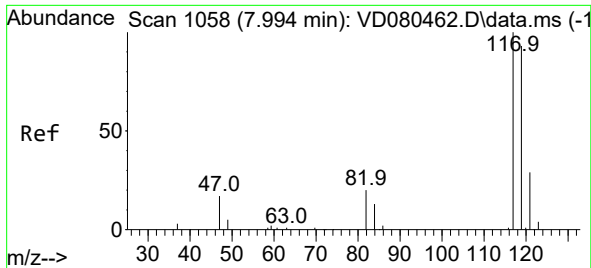
Ion Ratio Lower Upper

97 100

99 64.9 51.1 76.7

61 38.9 32.4 48.6

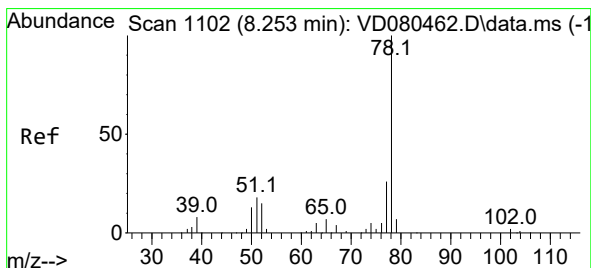
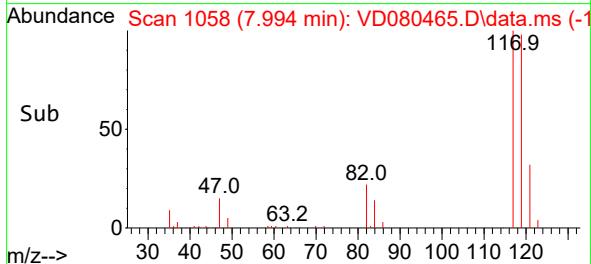
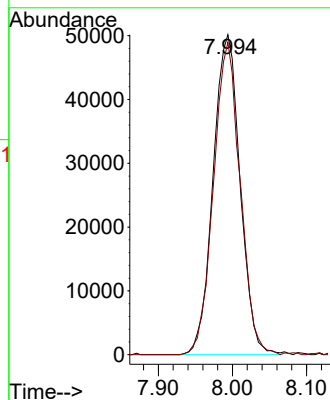
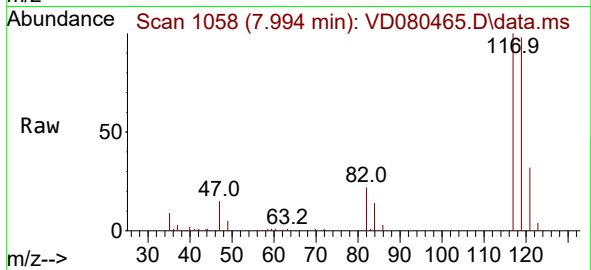




#31
Carbon tetrachloride
Concen: 27.89 ug/L
RT: 7.994 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VD080465.D
Acq: 20 Jun 2025 13:10

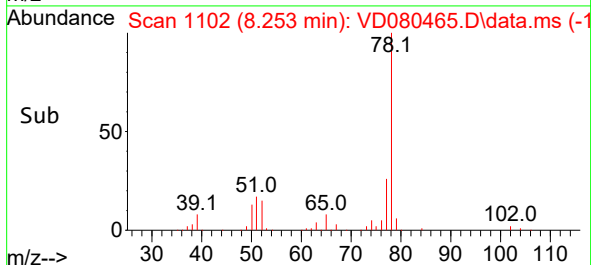
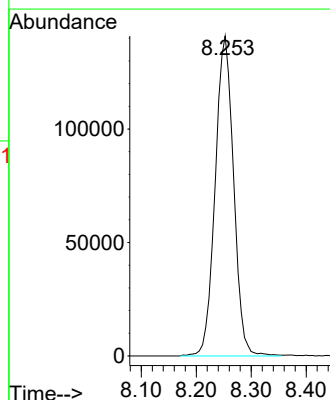
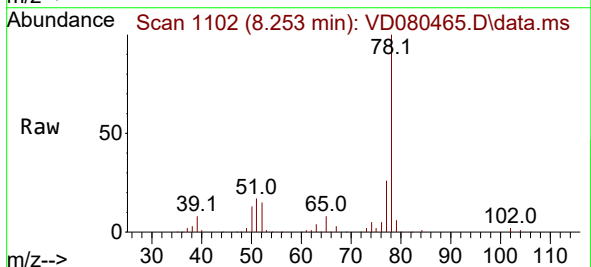
Instrument :
MSVOA_D
ClientSampleId :
VSTD025510

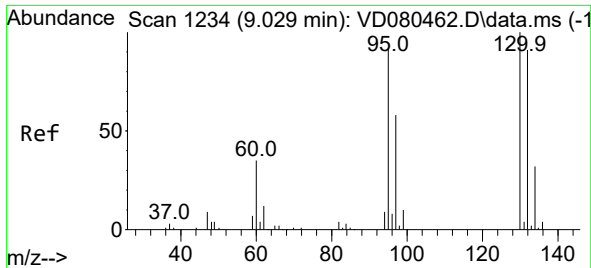
Tgt Ion:117 Resp: 126818
Ion Ratio Lower Upper
117 100
119 96.4 77.2 115.8



#33
Benzene
Concen: 29.75 ug/L
RT: 8.253 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VD080465.D
Acq: 20 Jun 2025 13:10

Tgt Ion: 78 Resp: 327970

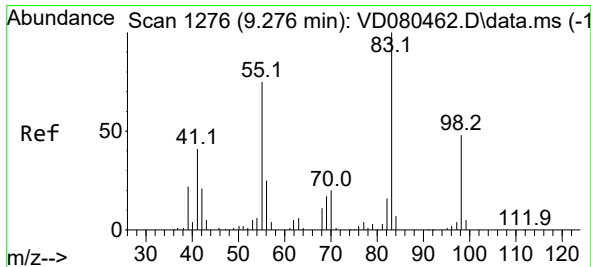
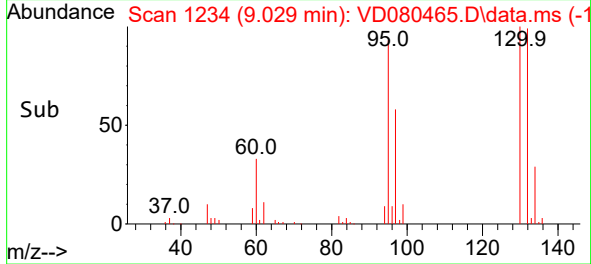
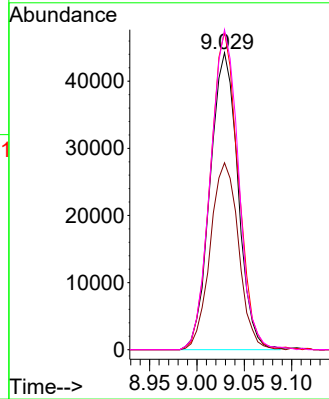
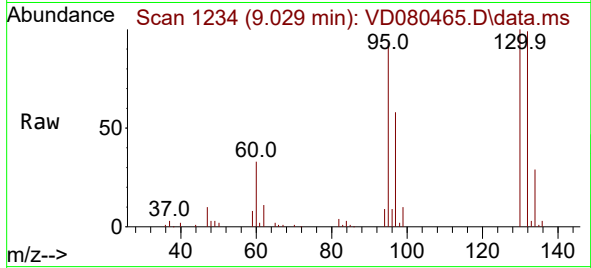




#34
Trichloroethene
Concen: 28.46 ug/L
RT: 9.029 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD080465.D
Acq: 20 Jun 2025 13:10

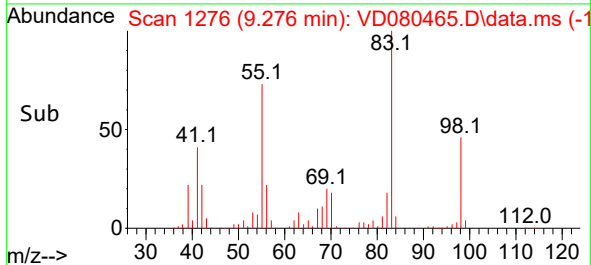
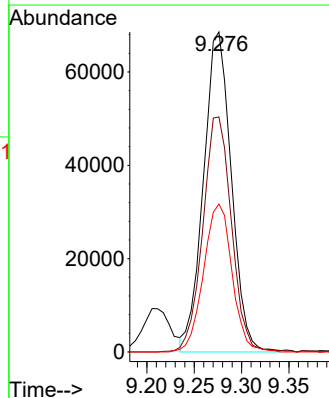
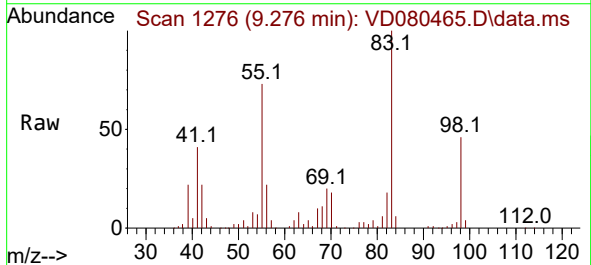
Instrument :
MSVOA_D
ClientSampleId :
VSTD025510

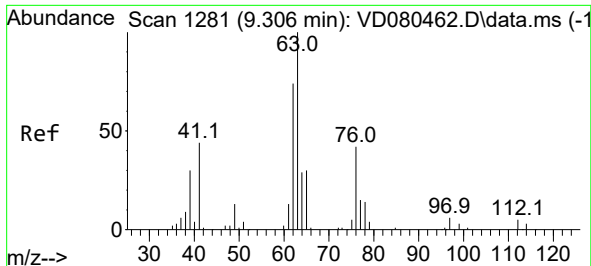
Tgt Ion: 95 Resp: 90518
Ion Ratio Lower Upper
95 100
97 62.9 41.5 77.1
132 107.0 69.1 128.3
130 107.8 72.6 134.8



#35
Methylcyclohexane
Concen: 29.89 ug/L
RT: 9.276 min Scan# 1276
Delta R.T. -0.000 min
Lab File: VD080465.D
Acq: 20 Jun 2025 13:10

Tgt Ion: 83 Resp: 140436
Ion Ratio Lower Upper
83 100
55 75.7 59.7 89.5
98 47.3 38.2 57.2





#37

1,2-Dichloropropane

Concen: 29.07 ug/L

RT: 9.305 min Scan# 1281

Delta R.T. -0.000 min

Lab File: VD080465.D

Acq: 20 Jun 2025 13:10

Instrument :

MSVOA_D

ClientSampleId :

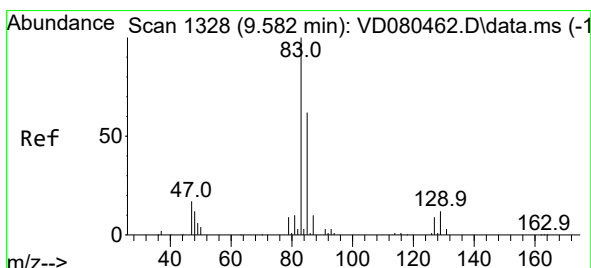
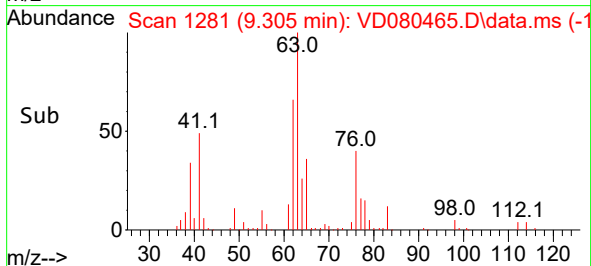
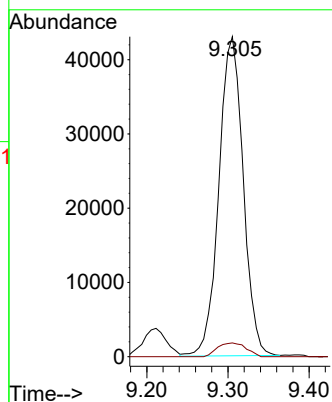
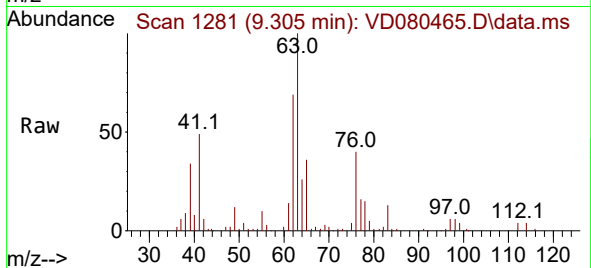
VSTD025510

Tgt Ion: 63 Resp: 89375

Ion Ratio Lower Upper

63 100

112 5.1 3.9 5.9



#38

Bromodichloromethane

Concen: 28.02 ug/L

RT: 9.582 min Scan# 1328

Delta R.T. -0.000 min

Lab File: VD080465.D

Acq: 20 Jun 2025 13:10

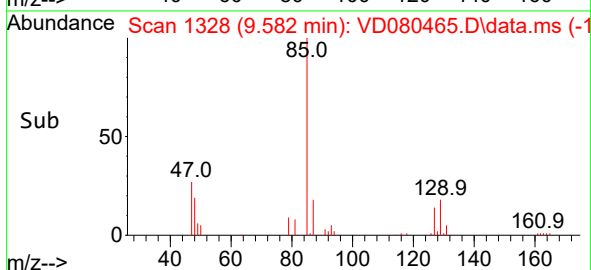
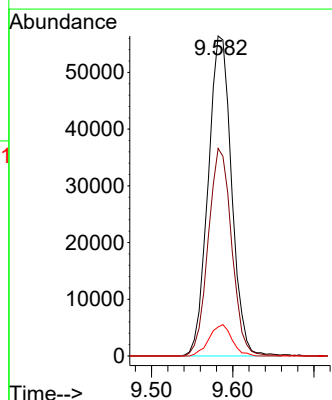
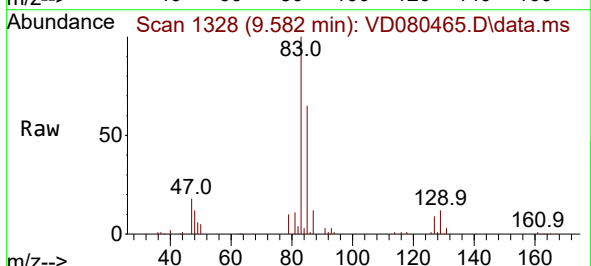
Tgt Ion: 83 Resp: 113271

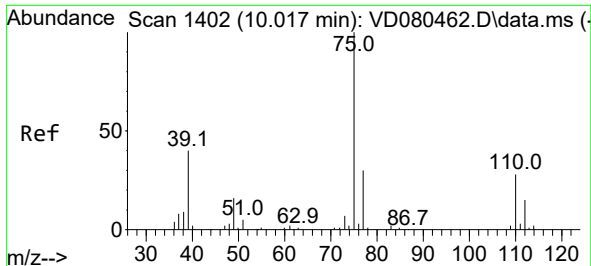
Ion Ratio Lower Upper

83 100

85 64.8 45.2 84.0

127 9.0 6.2 9.4

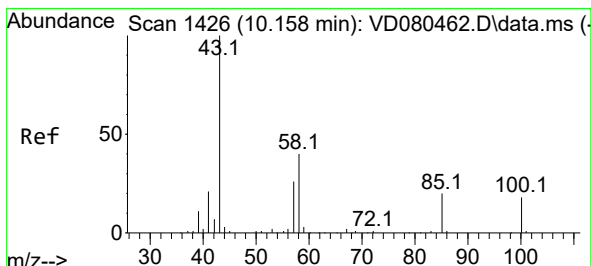
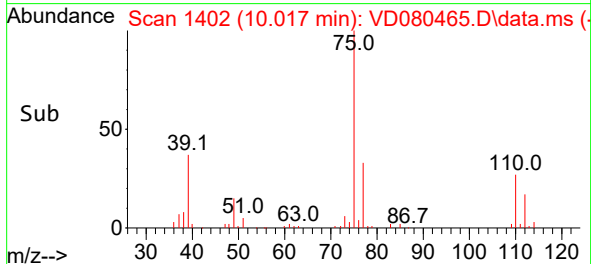
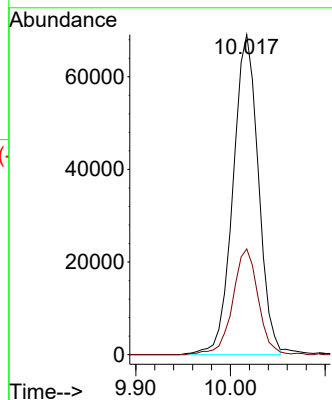
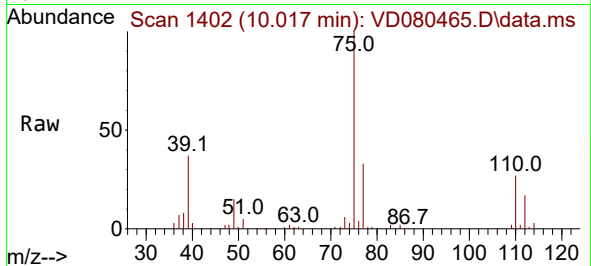




#39
 cis-1,3-Dichloropropene
 Concen: 27.95 ug/L
 RT: 10.017 min Scan# 1402
 Delta R.T. -0.000 min
 Lab File: VD080465.D
 Acq: 20 Jun 2025 13:10

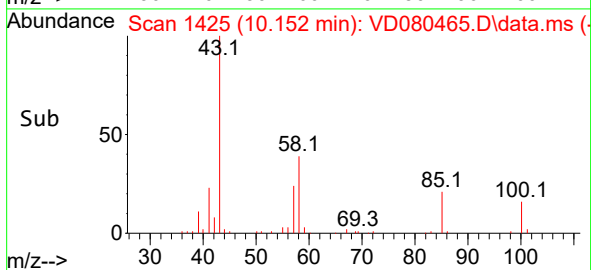
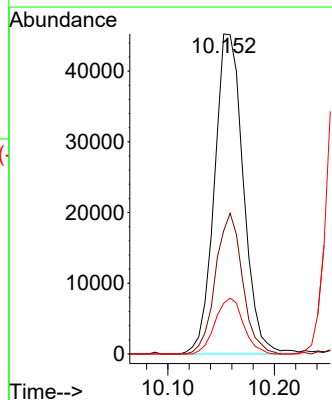
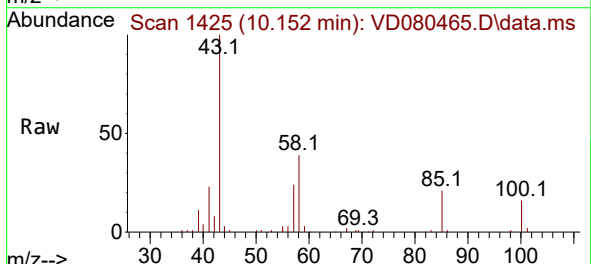
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025510

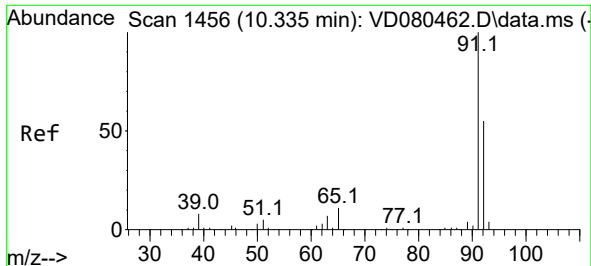
Tgt Ion: 75 Resp: 128586
 Ion Ratio Lower Upper
 75 100
 77 33.1 24.1 44.7



#40
 4-Methyl-2-pentanone
 Concen: 53.94 ug/L
 RT: 10.152 min Scan# 1425
 Delta R.T. -0.006 min
 Lab File: VD080465.D
 Acq: 20 Jun 2025 13:10

Tgt Ion: 43 Resp: 84997
 Ion Ratio Lower Upper
 43 100
 58 41.0 31.7 47.5
 100 17.1 13.4 20.0

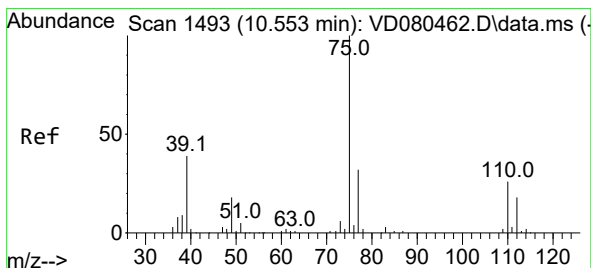
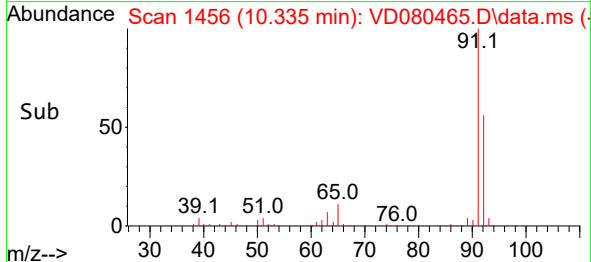
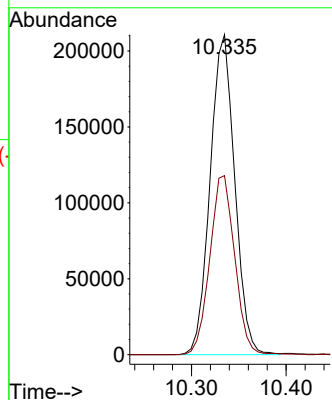
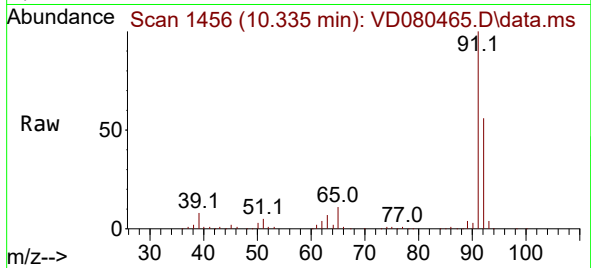




#42
Toluene
Concen: 31.27 ug/L
RT: 10.335 min Scan# 1456
Delta R.T. -0.000 min
Lab File: VD080465.D
Acq: 20 Jun 2025 13:10

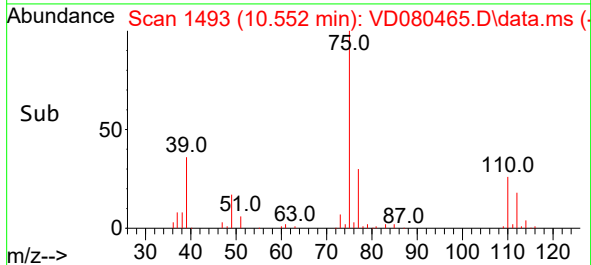
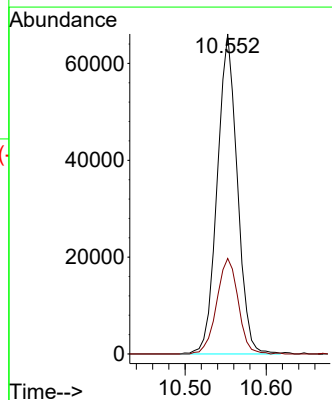
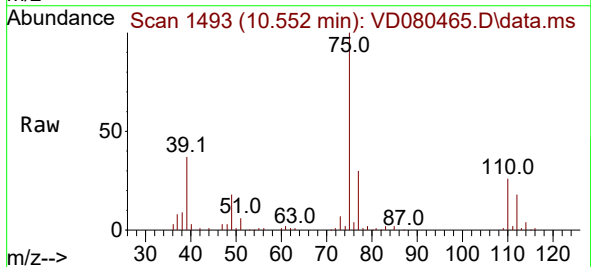
Instrument :
MSVOA_D
ClientSampleId :
VSTD025510

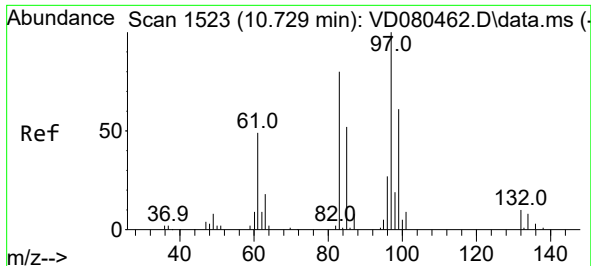
Tgt Ion: 91 Resp: 381029
Ion Ratio Lower Upper
91 100
92 55.9 42.6 79.0



#44
trans-1,3-Dichloropropene
Concen: 29.17 ug/L
RT: 10.552 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VD080465.D
Acq: 20 Jun 2025 13:10

Tgt Ion: 75 Resp: 113601
Ion Ratio Lower Upper
75 100
77 29.9 21.8 40.6

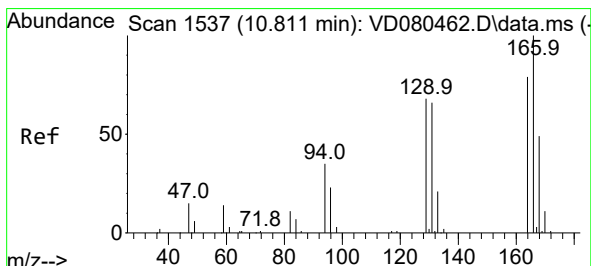
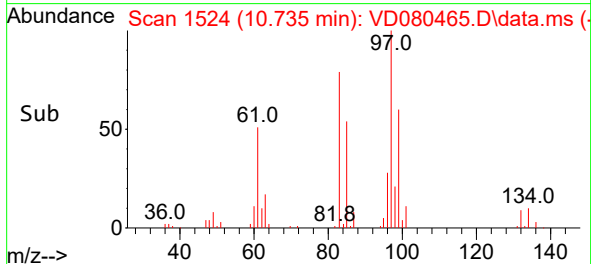
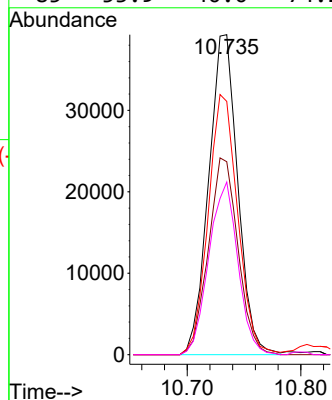
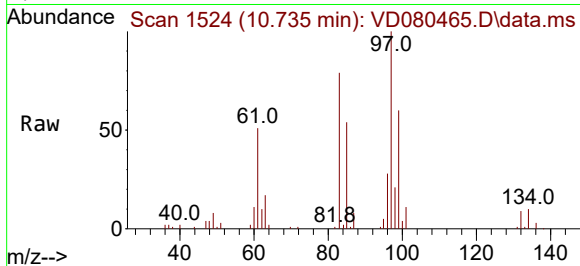




#45
1,1,2-Trichloroethane
Concen: 27.96 ug/L
RT: 10.735 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VD080465.D
Acq: 20 Jun 2025 13:10

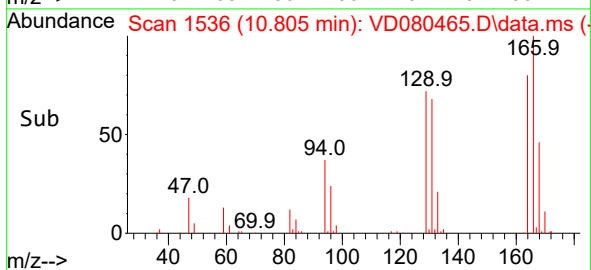
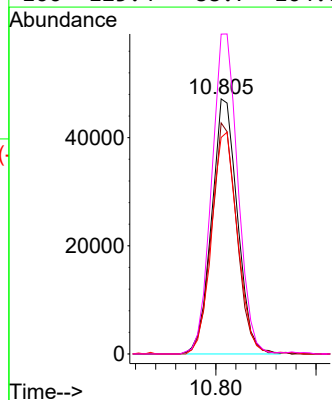
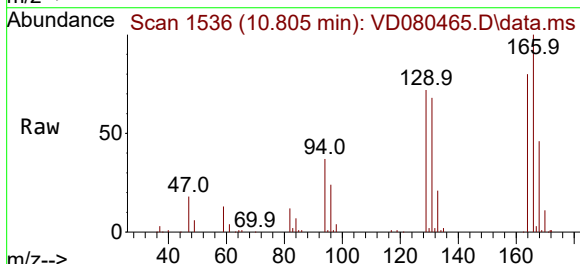
Instrument :
MSVOA_D
ClientSampleId :
VSTD025510

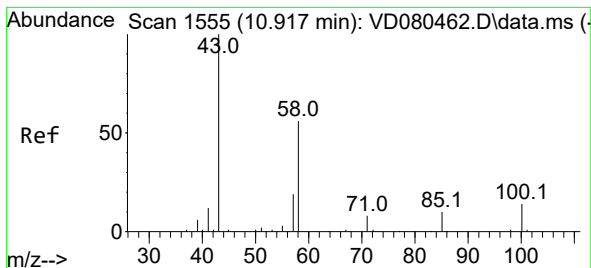
Tgt Ion: 97	Resp: 69848
Ion Ratio	Lower Upper
97 100	
99 60.3	46.5 86.3
83 79.1	58.5 108.7
85 53.9	40.0 74.2



#46
Tetrachloroethene
Concen: 29.63 ug/L
RT: 10.805 min Scan# 1536
Delta R.T. -0.006 min
Lab File: VD080465.D
Acq: 20 Jun 2025 13:10

Tgt	Ion:164	Resp:	84271
Ion	Ratio	Lower	Upper
164	100		
129	90.6	59.7	110.9
131	84.9	58.7	109.1
166	125.4	88.7	164.7





#48

2-Hexanone

Concen: 55.92 ug/L

RT: 10.917 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD080465.D

Acq: 20 Jun 2025 13:10

Instrument :

MSVOA_D

ClientSampleId :

VSTD025510

Tgt Ion: 43 Resp: 64208

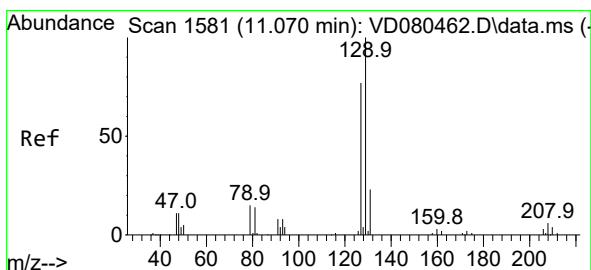
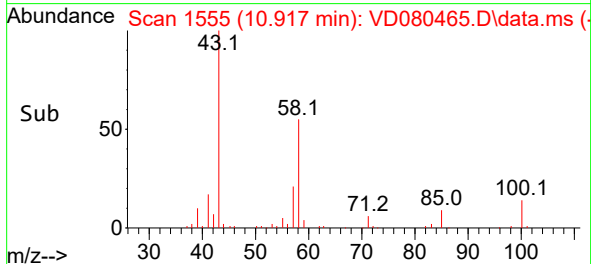
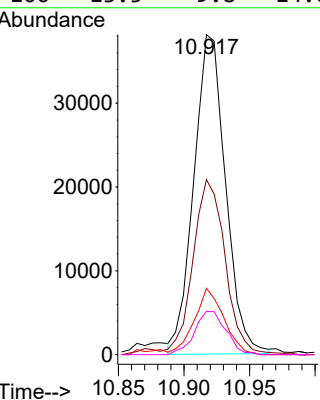
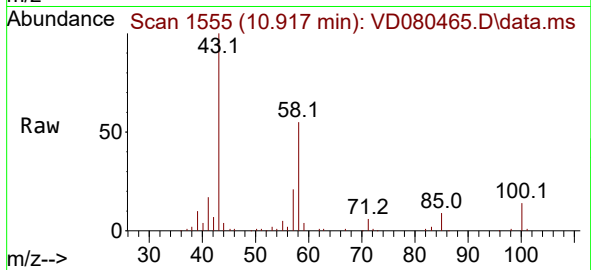
Ion Ratio Lower Upper

43 100

58 54.8 43.8 65.6

57 19.4 15.6 23.4

100 13.5 9.8 14.6



#49

Dibromochloromethane

Concen: 28.49 ug/L

RT: 11.070 min Scan# 1581

Delta R.T. -0.000 min

Lab File: VD080465.D

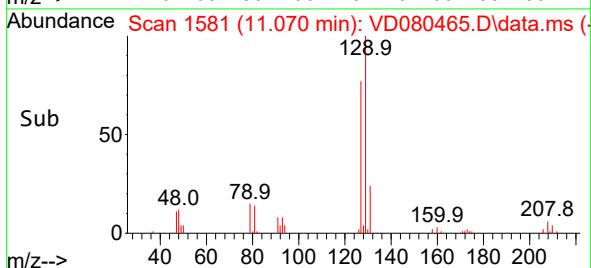
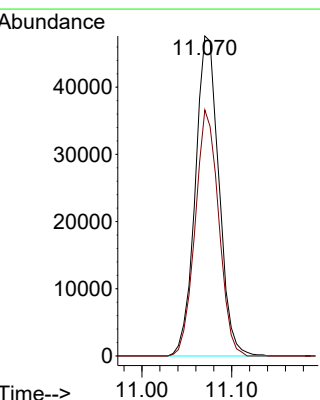
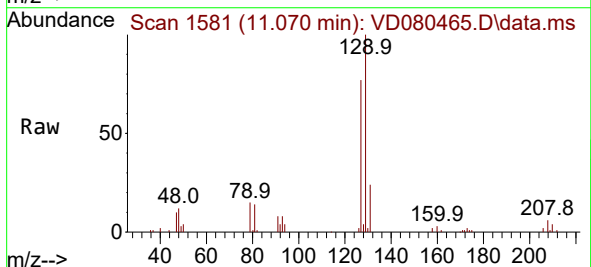
Acq: 20 Jun 2025 13:10

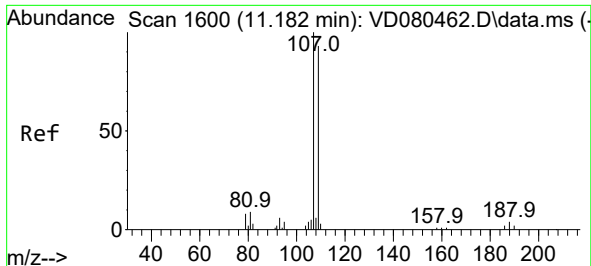
Tgt Ion:129 Resp: 86972

Ion Ratio Lower Upper

129 100

127 76.9 54.1 100.5

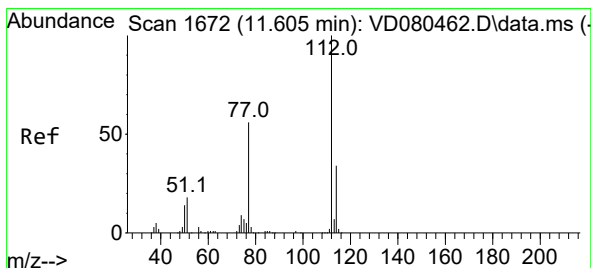
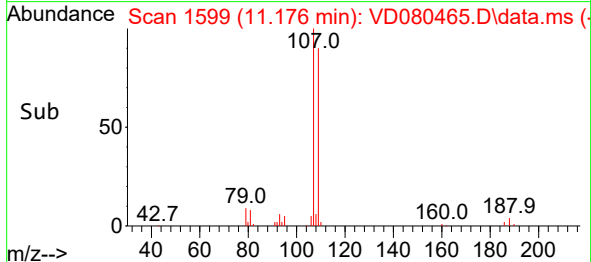
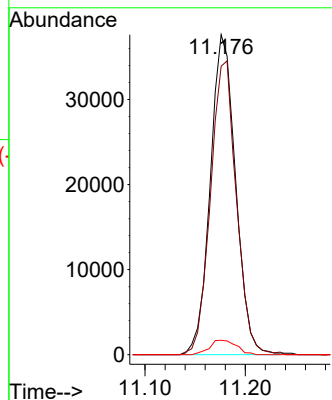
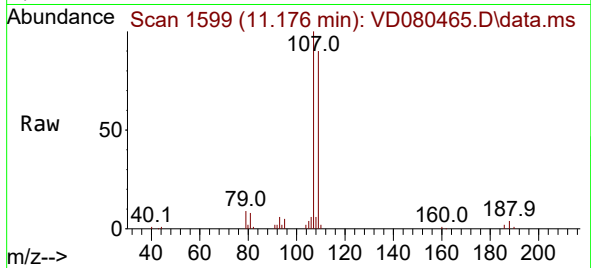




#50
1,2-Dibromoethane
Concen: 27.39 ug/L
RT: 11.176 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VD080465.D
Acq: 20 Jun 2025 13:10

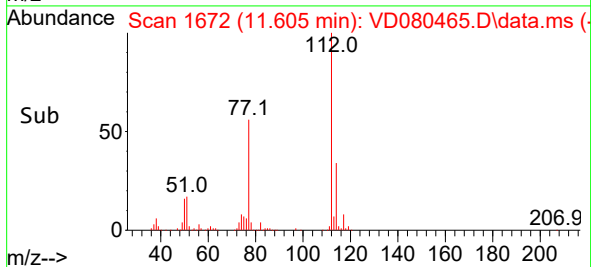
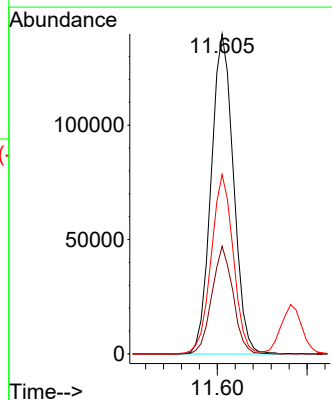
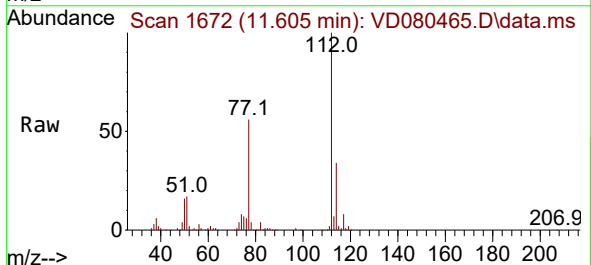
Instrument :
MSVOA_D
ClientSampleId :
VSTD025510

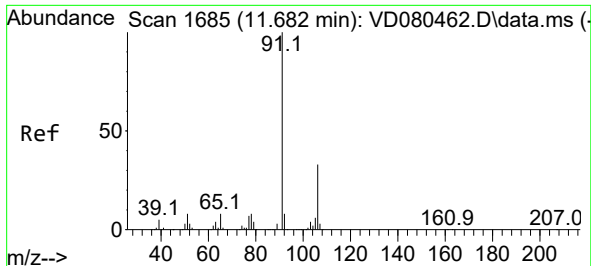
Tgt Ion:107 Resp: 65966
Ion Ratio Lower Upper
107 100
109 90.1 69.8 129.6
188 4.5 2.9 4.3#



#51
Chlorobenzene
Concen: 28.76 ug/L
RT: 11.605 min Scan# 1672
Delta R.T. -0.000 min
Lab File: VD080465.D
Acq: 20 Jun 2025 13:10

Tgt Ion:112 Resp: 241769
Ion Ratio Lower Upper
112 100
114 33.6 22.3 41.3
77 56.0 44.2 66.4

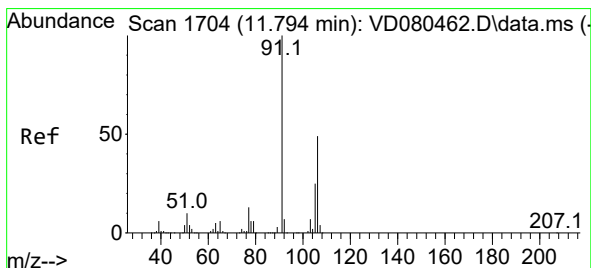
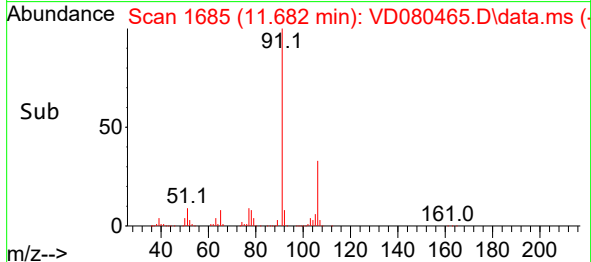
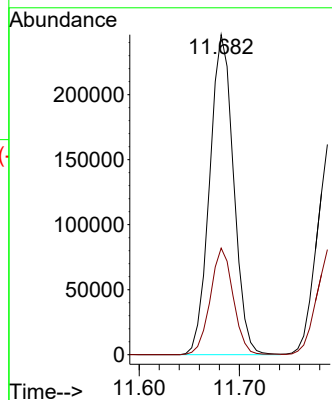
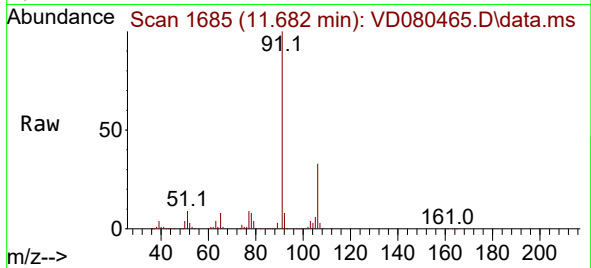




#52
Ethylbenzene
Concen: 30.92 ug/L
RT: 11.682 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD080465.D
Acq: 20 Jun 2025 13:10

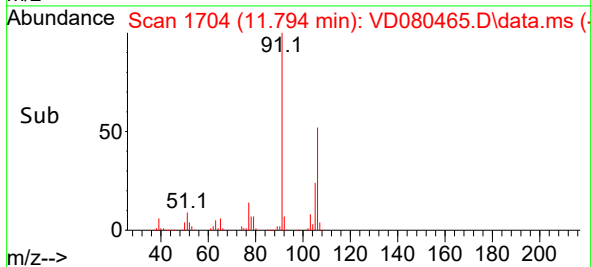
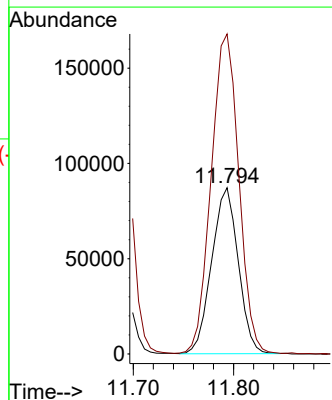
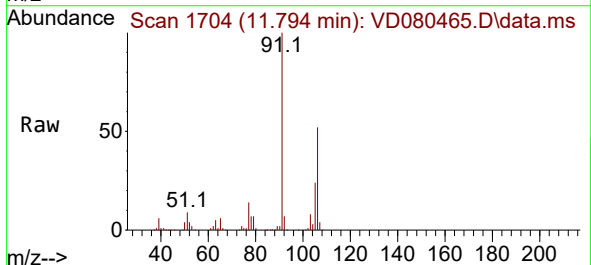
Instrument :
MSVOA_D
ClientSampleId :
VSTD025510

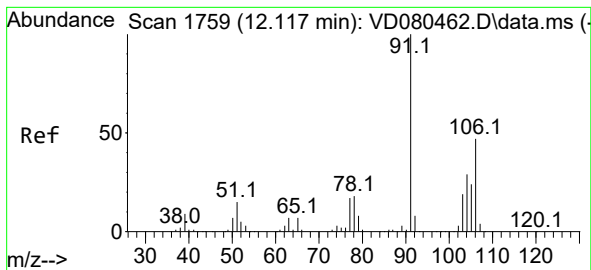
Tgt Ion: 91 Resp: 408722
Ion Ratio Lower Upper
91 100
106 33.3 22.1 41.1



#53
m,p-Xylene
Concen: 30.90 ug/L
RT: 11.794 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD080465.D
Acq: 20 Jun 2025 13:10

Tgt Ion: 106 Resp: 160259
Ion Ratio Lower Upper
106 100
91 192.4 134.1 249.1





#54

o-Xylene

Concen: 30.40 ug/L

RT: 12.117 min Scan# 1759

Delta R.T. -0.000 min

Lab File: VD080465.D

Acq: 20 Jun 2025 13:10

Instrument :

MSVOA_D

ClientSampleId :

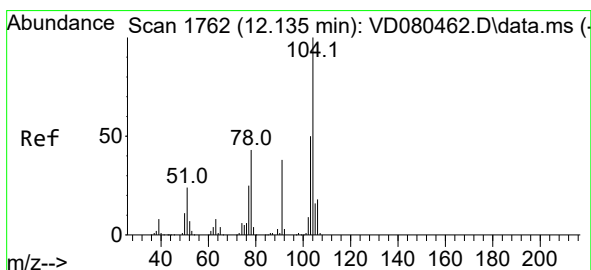
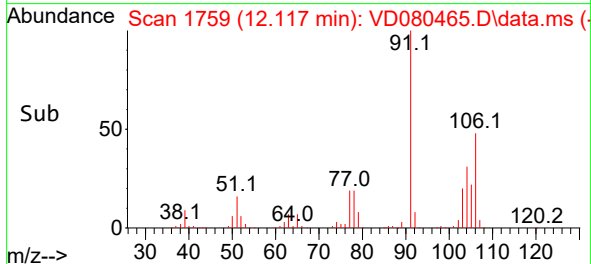
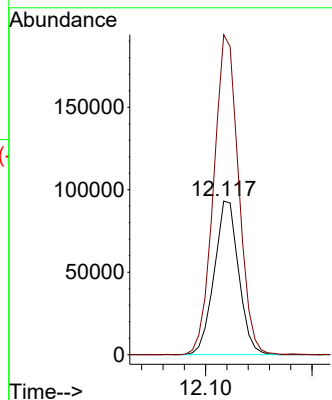
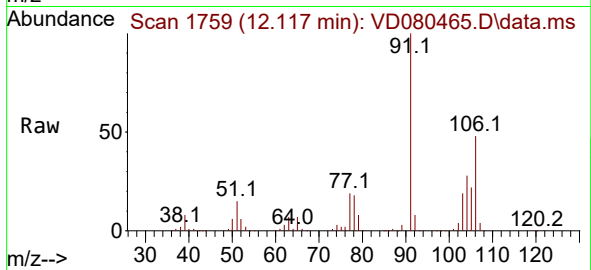
VSTD025510

Tgt Ion:106 Resp: 148611

Ion Ratio Lower Upper

106 100

91 208.2 148.3 275.3



#55

Styrene

Concen: 31.69 ug/L

RT: 12.135 min Scan# 1762

Delta R.T. -0.000 min

Lab File: VD080465.D

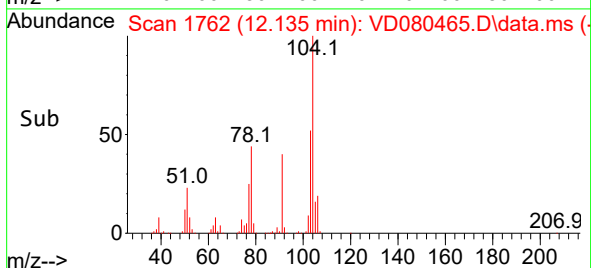
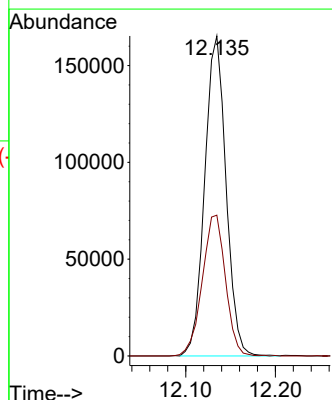
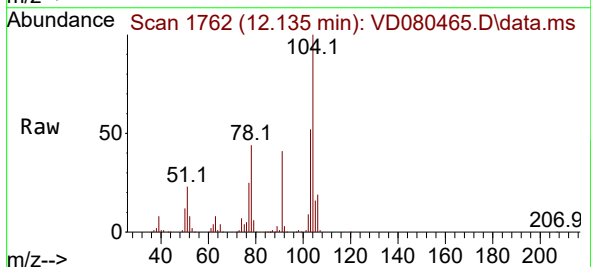
Acq: 20 Jun 2025 13:10

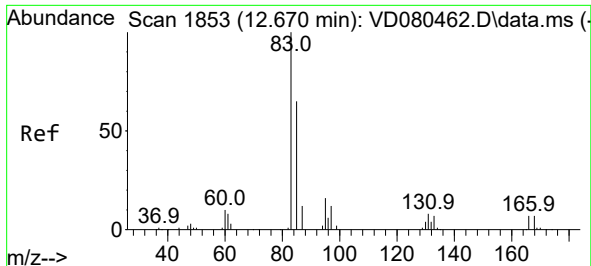
Tgt Ion:104 Resp: 273174

Ion Ratio Lower Upper

104 100

78 44.0 30.0 55.8

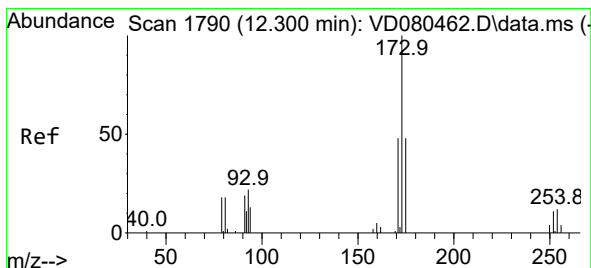
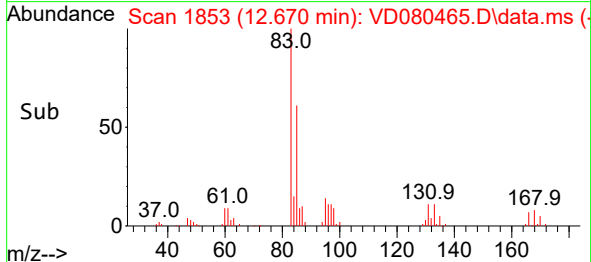
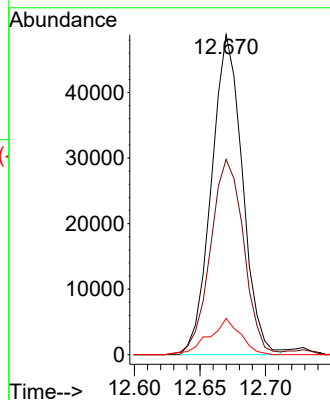
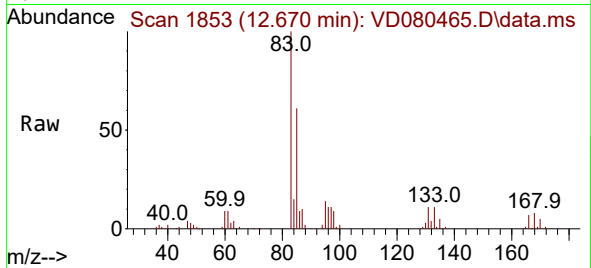




#57
 1,1,2,2-Tetrachloroethane
 Concen: 26.24 ug/L
 RT: 12.670 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: VD080465.D
 Acq: 20 Jun 2025 13:10

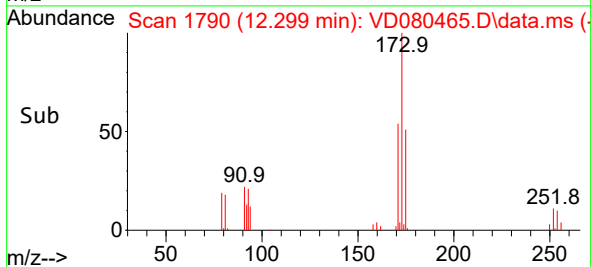
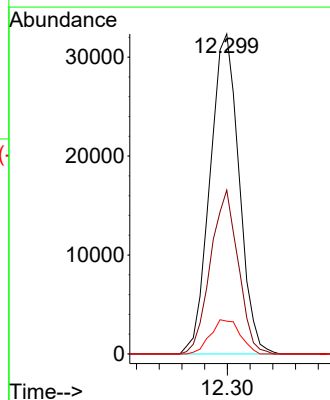
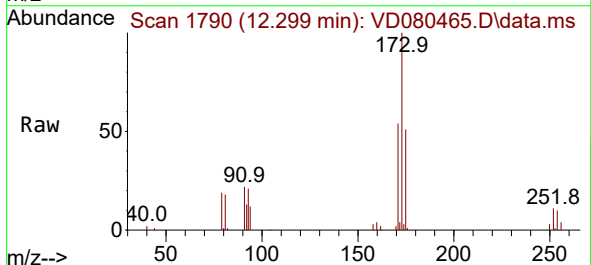
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025510

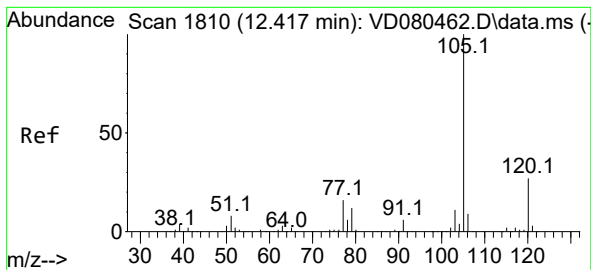
Tgt Ion: 83 Resp: 80078
 Ion Ratio Lower Upper
 83 100
 85 61.0 42.8 79.6
 131 11.3 7.8 11.8



#59
 Bromoform
 Concen: 26.03 ug/L
 RT: 12.299 min Scan# 1790
 Delta R.T. -0.000 min
 Lab File: VD080465.D
 Acq: 20 Jun 2025 13:10

Tgt Ion: 173 Resp: 57497
 Ion Ratio Lower Upper
 173 100
 175 48.8 38.2 57.4
 254 11.0 9.0 13.4





#60

Isopropylbenzene

Concen: 31.07 ug/L

RT: 12.423 min Scan# 1811

Delta R.T. 0.006 min

Lab File: VD080465.D

Acq: 20 Jun 2025 13:10

Instrument :

MSVOA_D

ClientSampleId :

VSTD025510

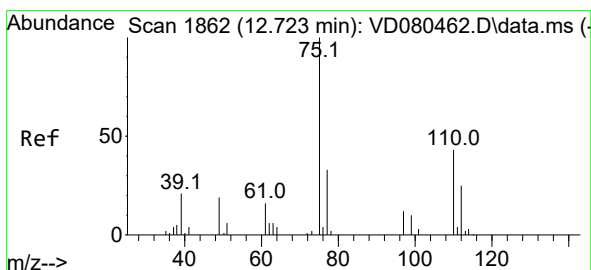
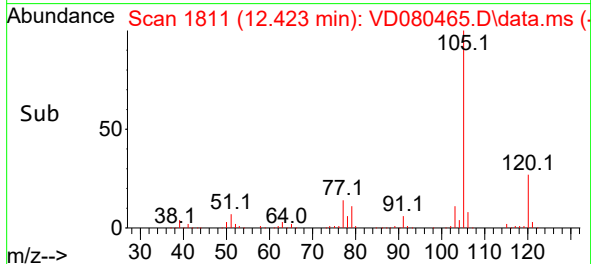
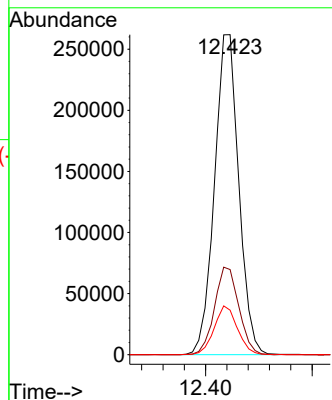
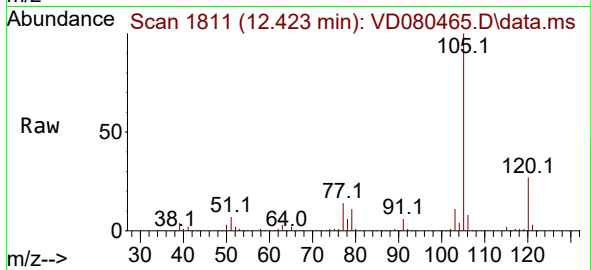
Tgt Ion:105 Resp: 414040

Ion Ratio Lower Upper

105 100

120 27.4 22.1 33.1

77 14.6 12.1 18.1



#61

1,2,3-Trichloropropane

Concen: 25.13 ug/L

RT: 12.723 min Scan# 1862

Delta R.T. -0.000 min

Lab File: VD080465.D

Acq: 20 Jun 2025 13:10

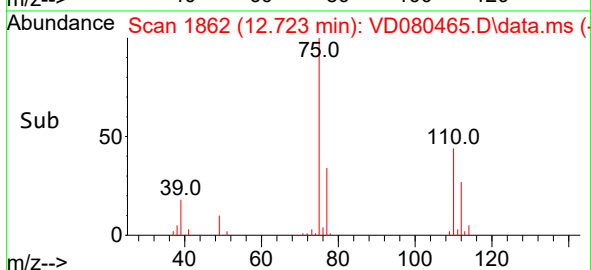
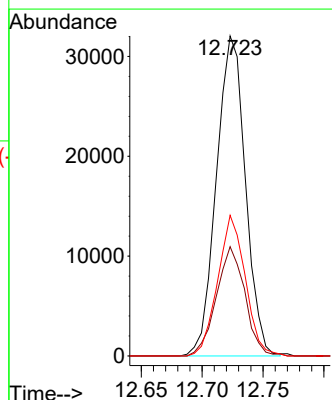
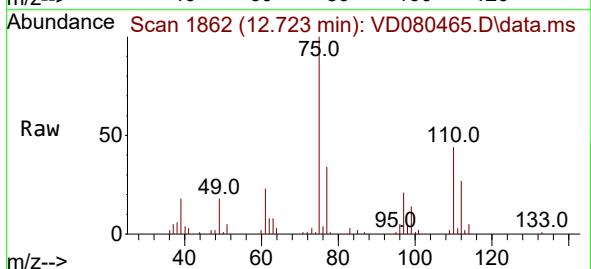
Tgt Ion: 75 Resp: 53074

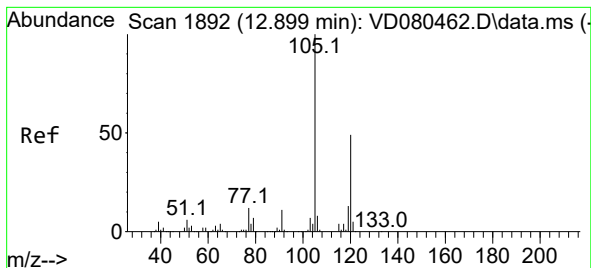
Ion Ratio Lower Upper

75 100

77 33.7 26.8 40.2

110 41.9 33.0 49.4

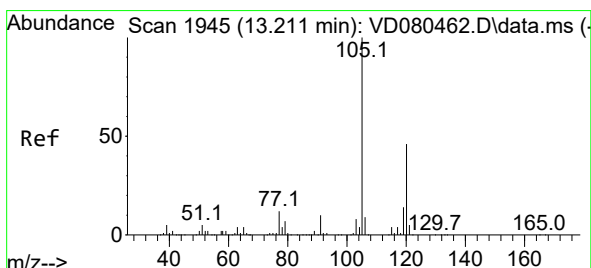
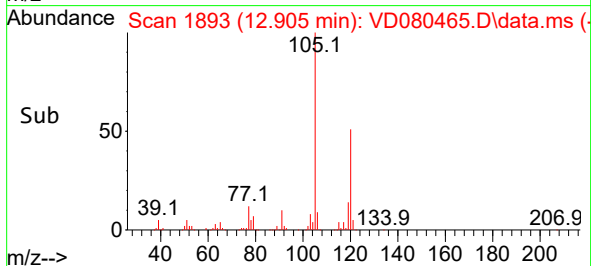
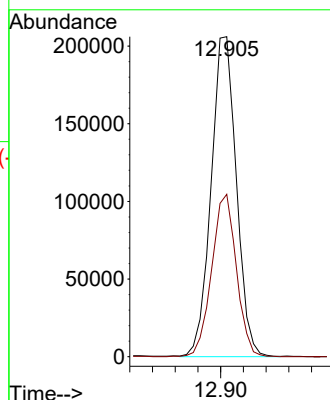
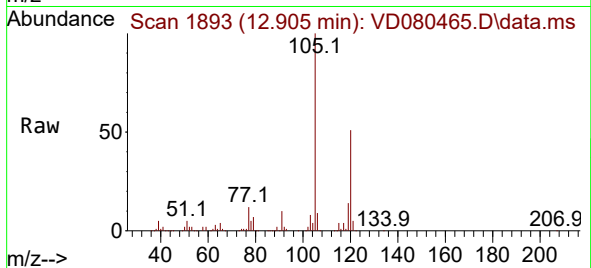




#62
1,3,5-Trimethylbenzene
Concen: 31.02 ug/L
RT: 12.905 min Scan# 1893
Delta R.T. 0.006 min
Lab File: VD080465.D
Acq: 20 Jun 2025 13:10

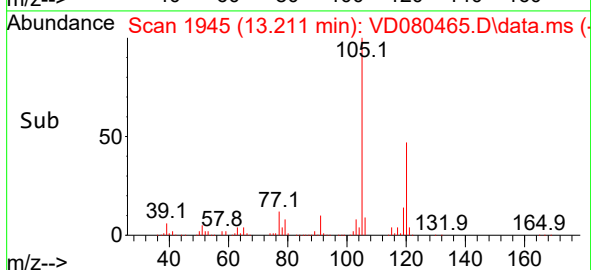
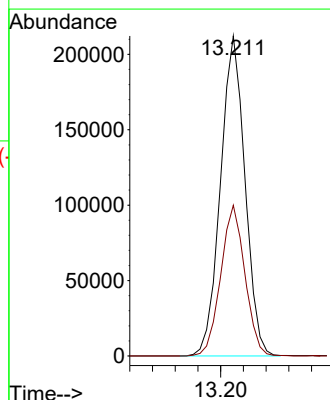
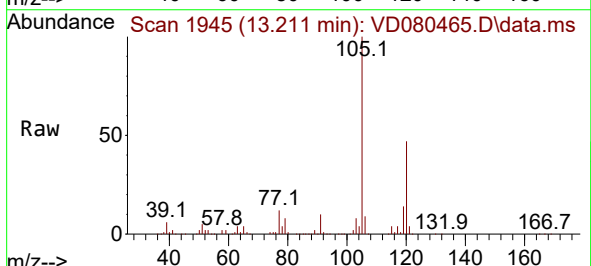
Instrument :
MSVOA_D
ClientSampleId :
VSTD025510

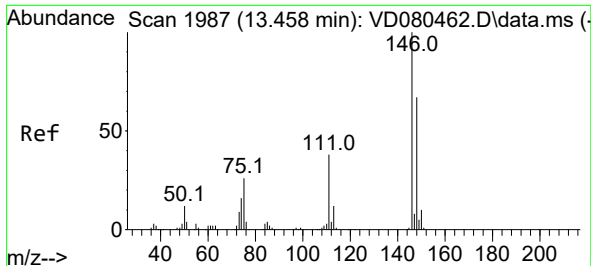
Tgt Ion:105 Resp: 318856
Ion Ratio Lower Upper
105 100
120 49.5 40.1 60.1



#63
1,2,4-Trimethylbenzene
Concen: 31.33 ug/L
RT: 13.211 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VD080465.D
Acq: 20 Jun 2025 13:10

Tgt Ion:105 Resp: 318001
Ion Ratio Lower Upper
105 100
120 46.4 37.5 56.3

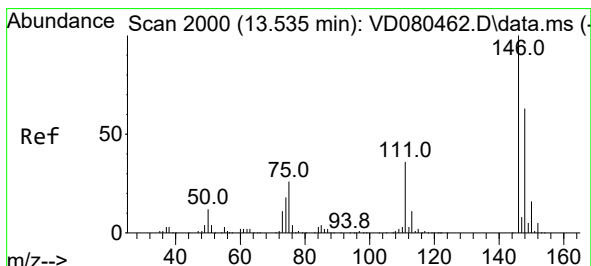
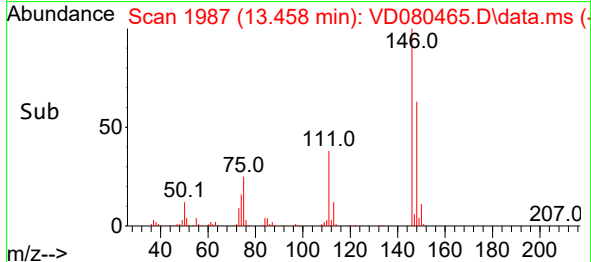
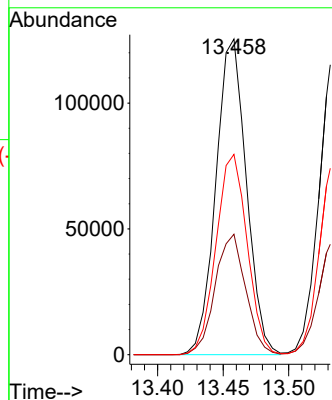
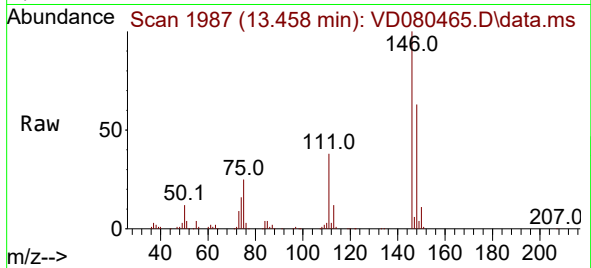




#64
1,3-Dichlorobenzene
Concen: 29.10 ug/L
RT: 13.458 min Scan# 1987
Delta R.T. -0.000 min
Lab File: VD080465.D
Acq: 20 Jun 2025 13:10

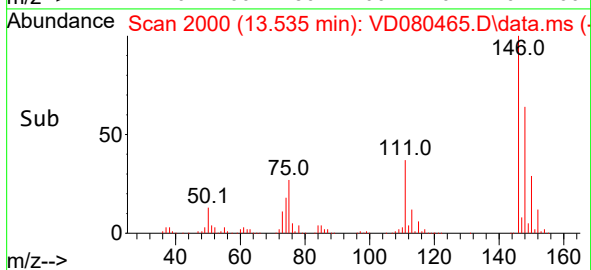
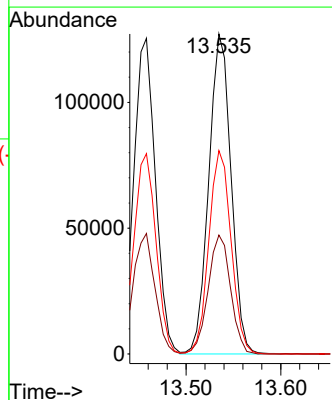
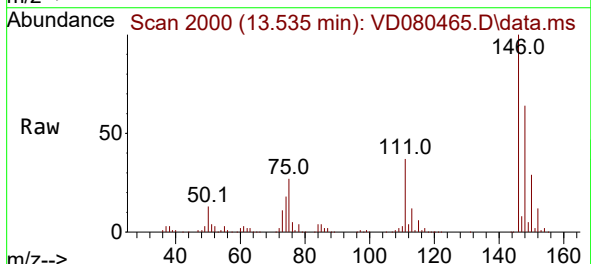
Instrument :
MSVOA_D
ClientSampleId :
VSTD025510

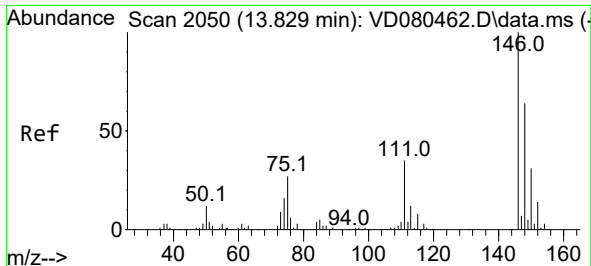
Tgt Ion:146 Resp: 203108
Ion Ratio Lower Upper
146 100
111 38.2 25.4 47.2
148 63.5 42.8 79.6



#65
1,4-Dichlorobenzene
Concen: 28.64 ug/L
RT: 13.535 min Scan# 2000
Delta R.T. -0.000 min
Lab File: VD080465.D
Acq: 20 Jun 2025 13:10

Tgt Ion:146 Resp: 207966
Ion Ratio Lower Upper
146 100
111 37.1 24.5 45.5
148 63.6 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 28.54 ug/L

RT: 13.829 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VD080465.D

Acq: 20 Jun 2025 13:10

Instrument :

MSVOA_D

ClientSampleId :

VSTD025510

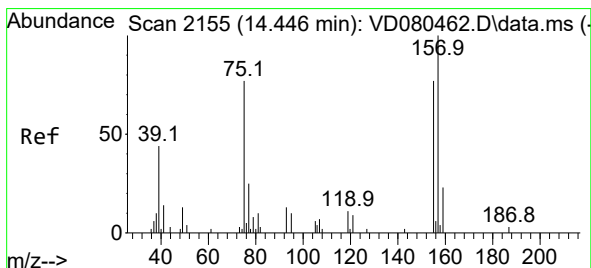
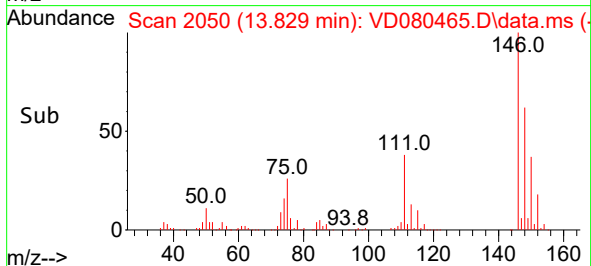
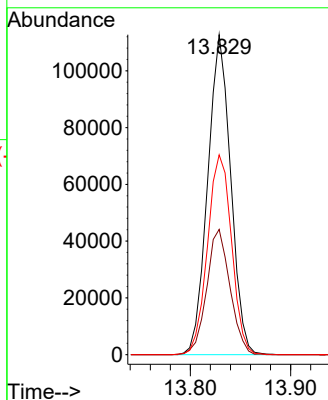
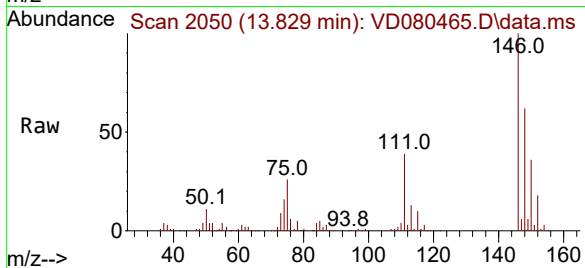
Tgt Ion:146 Resp: 179875

Ion Ratio Lower Upper

146 100

111 39.1 32.0 48.0

148 62.5 49.7 74.5



#68

1,2-Dibromo-3-chloropropane

Concen: 23.25 ug/L

RT: 14.446 min Scan# 2155

Delta R.T. -0.000 min

Lab File: VD080465.D

Acq: 20 Jun 2025 13:10

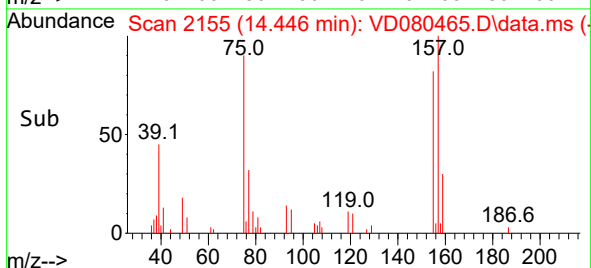
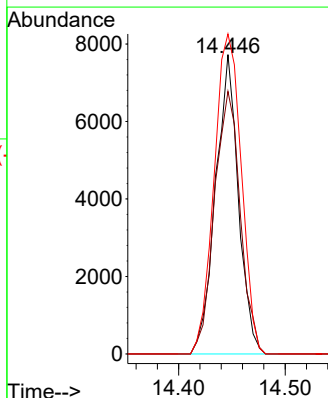
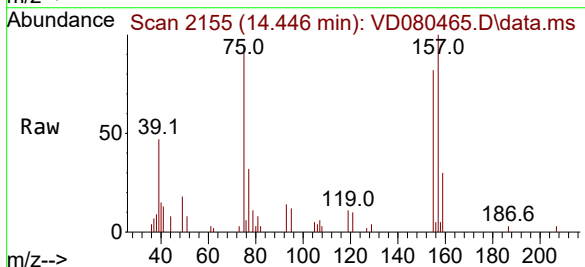
Tgt Ion: 75 Resp: 11505

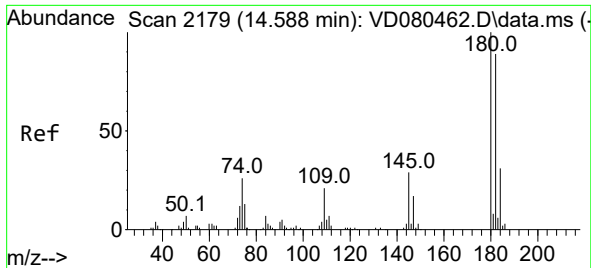
Ion Ratio Lower Upper

75 100

155 87.7 86.2 129.2

157 106.9 94.0 141.0

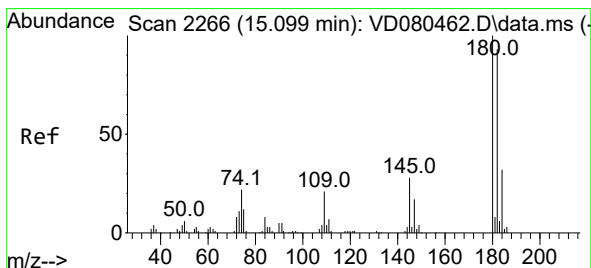
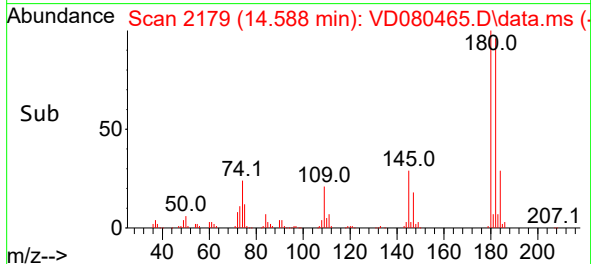
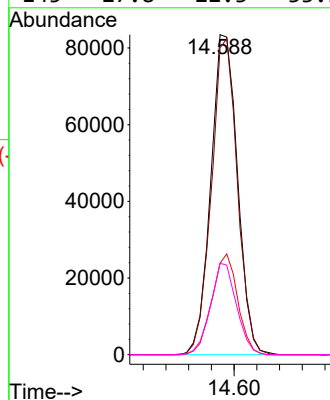
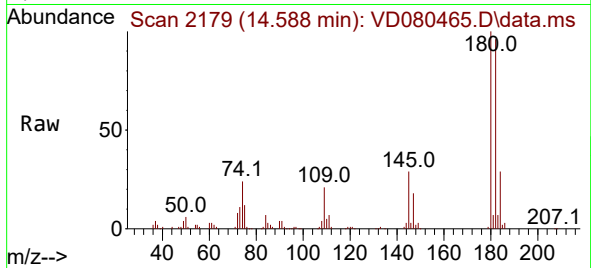




#69
 1,3,5-Trichlorobenzene
 Concen: 28.27 ug/L
 RT: 14.588 min Scan# 2179
 Delta R.T. -0.000 min
 Lab File: VD080465.D
 Acq: 20 Jun 2025 13:10

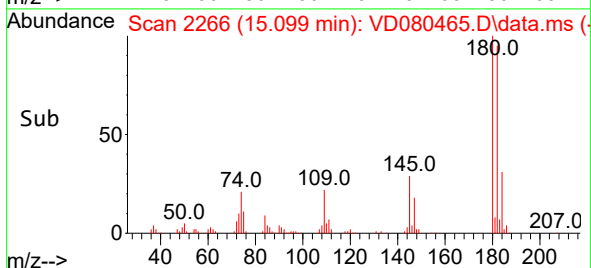
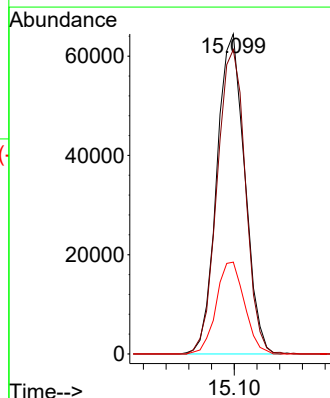
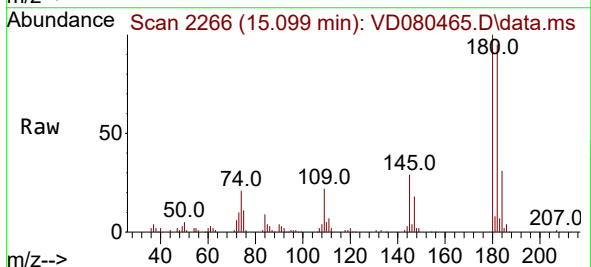
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025510

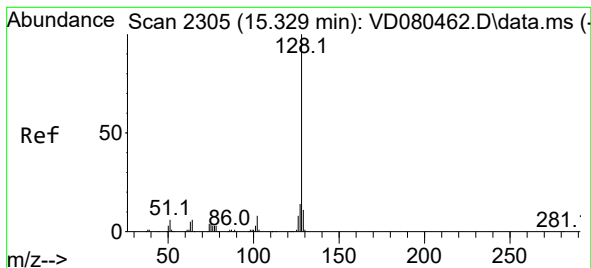
Tgt Ion:	180	Resp:	136340
Ion Ratio	Lower	Upper	
180	100		
182	95.8	77.0	115.4
184	30.5	24.9	37.3
145	27.8	22.3	33.5



#70
 1,2,4-trichlorobenzene
 Concen: 27.95 ug/L
 RT: 15.099 min Scan# 2266
 Delta R.T. -0.000 min
 Lab File: VD080465.D
 Acq: 20 Jun 2025 13:10

Tgt Ion:	180	Resp:	110273
Ion Ratio	Lower	Upper	
180	100		
182	96.1	76.0	114.0
145	28.9	22.2	33.4





#71

Naphthalene

Concen: 25.88 ug/L

RT: 15.329 min Scan# 2305

Delta R.T. -0.000 min

Lab File: VD080465.D

Acq: 20 Jun 2025 13:10

Instrument :

MSVOA_D

ClientSampleId :

VSTD025510

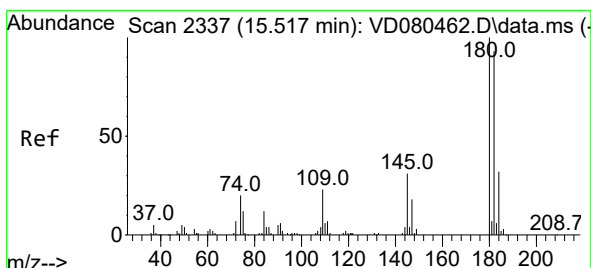
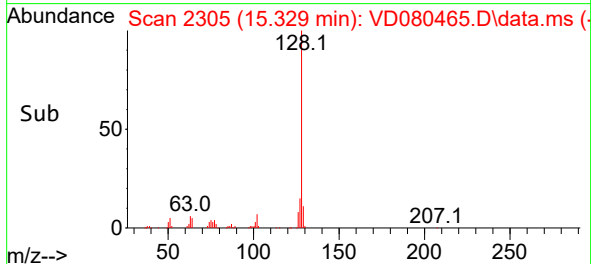
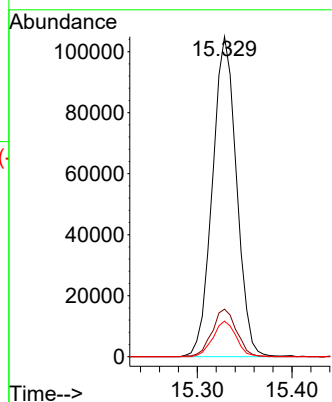
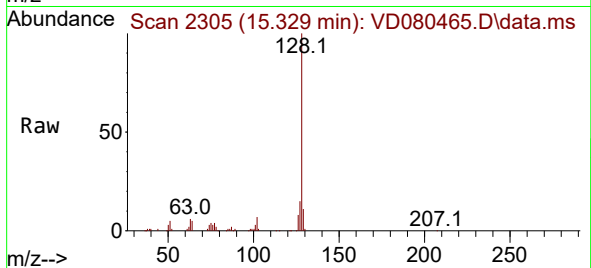
Tgt Ion:128 Resp: 185622

Ion Ratio Lower Upper

128 100

127 15.1 11.0 16.6

129 10.7 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 27.69 ug/L

RT: 15.517 min Scan# 2337

Delta R.T. -0.000 min

Lab File: VD080465.D

Acq: 20 Jun 2025 13:10

Tgt Ion:180 Resp: 102441

Ion Ratio Lower Upper

180 100

182 94.3 74.7 112.1

145 31.0 24.2 36.4

