

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010925\
 Data File : VD080195.D
 Acq On : 09 Jan 2025 15:04
 Operator : RP/MD
 Sample : VSTDICV025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 09 20:19:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM010925SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jan 09 20:13:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	242700	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	230234	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	122520	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	181798	25.540	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.160%
7) Chloroethane-d5	2.805	69	155460	26.875	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.520%
11) 1,1-Dichloroethene-d2	3.917	65	42610	24.807	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.240%
21) 2-Butanone-d5	6.993	46	38217	46.412	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.820%
24) Chloroform-d	7.569	84	187393	24.605	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.400%
26) 1,2-Dichloroethane-d4	8.234	65	102114	25.597	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.400%
32) Benzene-d6	8.205	84	385753	25.953	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.800%
36) 1,2-Dichloropropane-d6	9.210	67	123548	25.114	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.440%
41) Toluene-d8	10.269	98	366195	27.033	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.120%
43) trans-1,3-Dichloroprop...	10.528	79	50233	24.992	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.960%
47) 2-Hexanone-d5	10.881	63	31673	51.661	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.320%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	94411	25.611	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.440%
66) 1,2-Dichlorobenzene-d4	13.816	152	115932	25.171	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.680%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	92098	19.120	ug/L	99
3) Chloromethane	2.152	50	131529	20.030	ug/L	96
5) Vinyl chloride	2.287	62	167583	20.798	ug/L	98
6) Bromomethane	2.699	94	94802	20.203	ug/L	100
8) Chloroethane	2.840	64	105413	21.327	ug/L	96
9) Trichlorofluoromethane	3.181	101	141741	21.171	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.970	101	82004	21.468	ug/L	99
12) 1,1-Dichloroethene	3.946	96	70319	20.624	ug/L	96
13) Acetone	4.034	43	23027	35.353	ug/L	87
14) Carbon disulfide	4.275	76	266093	20.939	ug/L	99
15) Methyl Acetate	4.664	43	475	0.291	ug/L	97
16) Methylene chloride	4.805	84	83892	20.362	ug/L	100
17) trans-1,2-Dichloroethene	5.322	96	79723	21.494	ug/L	92
18) Methyl tert-butyl Ether	5.328	73	142633	20.182	ug/L	99
19) 1,1-Dichloroethane	6.116	63	149315	20.852	ug/L	95
20) cis-1,2-Dichloroethene	7.087	96	81940	21.007	ug/L	95
22) 2-Butanone	7.087	43	35045	37.764	ug/L	100
23) Bromochloromethane	7.434	128	38479	20.399	ug/L	92
25) Chloroform	7.599	83	169937	21.413	ug/L	96

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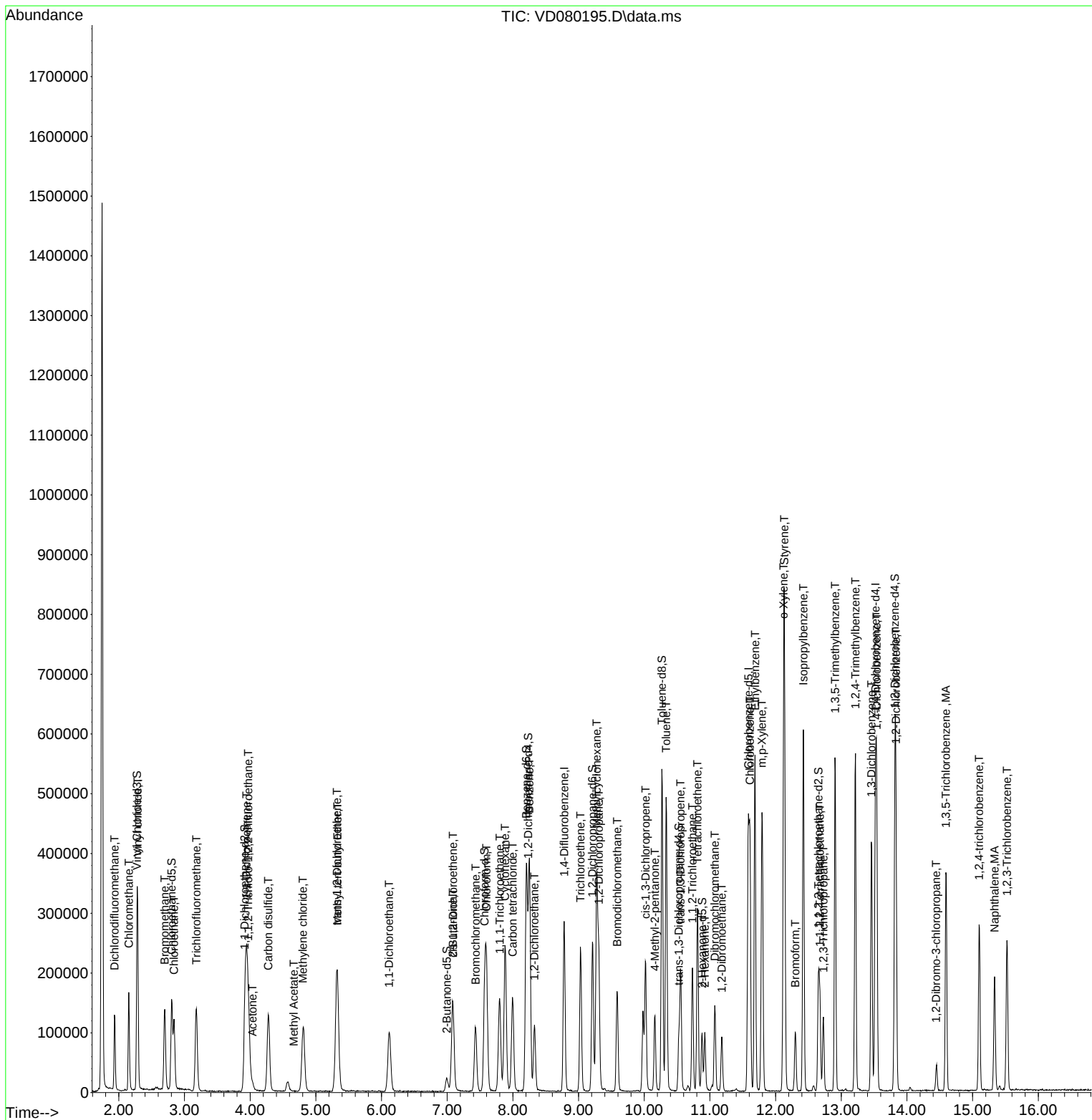
Instrument :
 MSVOA_D
 ClientSampleId :

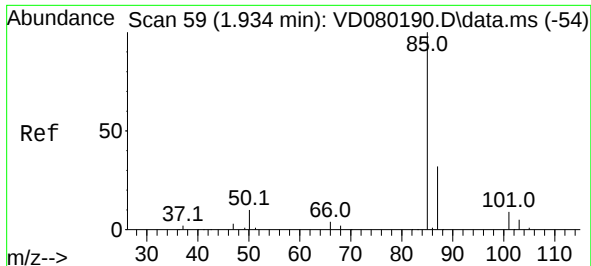
Quant Time: Jan 09 20:19:34 2025
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 Quant Title : SFAM01.0
 QLast Update : Thu Jan 09 20:13:33 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	95614	20.653	ug/L	96
29) Cyclohexane	7.881	56	126824	21.894	ug/L	99
30) 1,1,1-Trichloroethane	7.799	97	130088	21.327	ug/L	100
31) Carbon tetrachloride	7.999	117	117389	21.805	ug/L	98
33) Benzene	8.252	78	331168	21.153	ug/L	100
34) Trichloroethene	9.028	95	86804	21.409	ug/L	97
35) Methylcyclohexane	9.275	83	136886	22.704	ug/L	98
37) 1,2-Dichloropropane	9.310	63	91569	21.468	ug/L	100
38) Bromodichloromethane	9.587	83	114994	21.504	ug/L	97
39) cis-1,3-Dichloropropene	10.022	75	132535	21.984	ug/L	98
40) 4-Methyl-2-pentanone	10.163	43	84636	40.422	ug/L	99
42) Toluene	10.334	91	372464	22.771	ug/L	96
44) trans-1,3-Dichloropropene	10.552	75	113946	21.886	ug/L	98
45) 1,1,2-Trichloroethane	10.734	97	64745	20.790	ug/L	95
46) Tetrachloroethene	10.810	164	71030	21.742	ug/L	91
48) 2-Hexanone	10.922	43	60744	42.549	ug/L #	98
49) Dibromochloromethane	11.075	129	74270	21.414	ug/L	98
50) 1,2-Dibromoethane	11.181	107	58738	20.753	ug/L	94
51) Chlorobenzene	11.610	112	220088	20.989	ug/L	99
52) Ethylbenzene	11.687	91	389713	22.204	ug/L	99
53) m,p-Xylene	11.793	106	148631	22.659	ug/L	98
54) o-Xylene	12.122	106	136680	22.274	ug/L	94
55) Styrene	12.134	104	251739	22.651	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.675	83	74631	21.139	ug/L #	89
59) Bromoform	12.299	173	45348	20.628	ug/L	97
60) Isopropylbenzene	12.422	105	374843	21.937	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	50696	19.568	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	290070	21.302	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	290880	21.897	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	174446	20.870	ug/L	97
65) 1,4-Dichlorobenzene	13.540	146	183954	21.314	ug/L	99
67) 1,2-Dichlorobenzene	13.834	146	154723	20.665	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.445	75	10568	18.759	ug/L	93
69) 1,3,5-Trichlorobenzene	14.592	180	116031	20.414	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	91769	19.786	ug/L	100
71) Naphthalene	15.334	128	160426	19.658	ug/L	98
72) 1,2,3-Trichlorobenzene	15.522	180	87992	20.426	ug/L	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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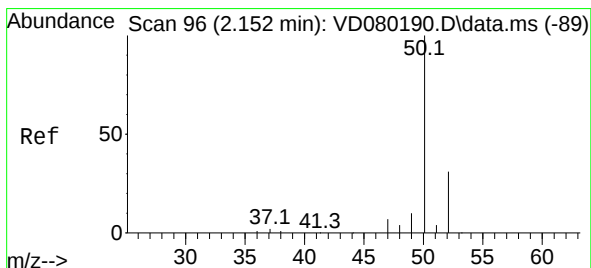
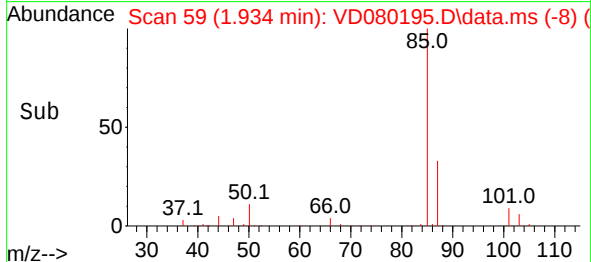
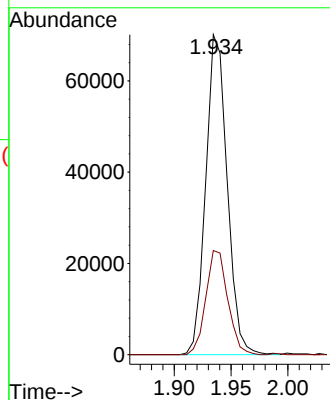
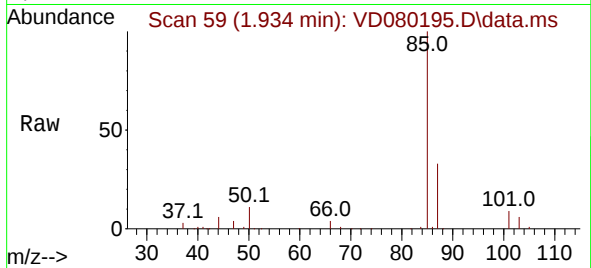




#2
 Dichlorodifluoromethane
 Concen: 19.120 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VD080195.D
 Acq: 09 Jan 2025 15:04

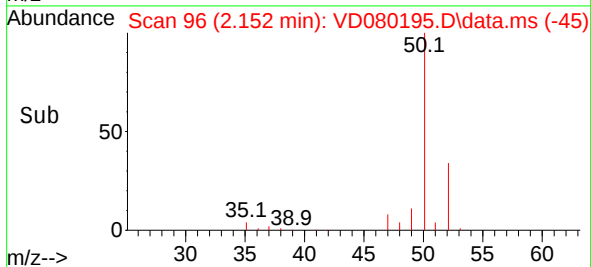
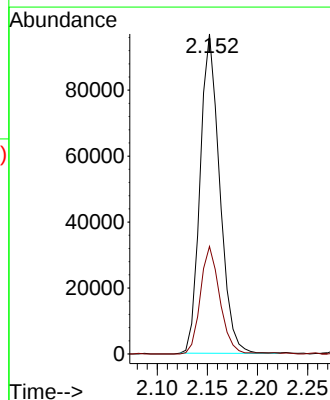
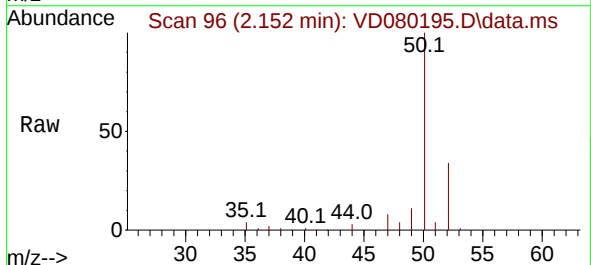
Instrument :
 MSVOA_D
 ClientSampleId :

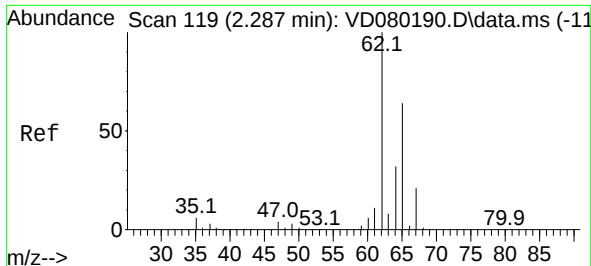
Tgt Ion: 85 Resp: 92098
 Ion Ratio Lower Upper
 85 100
 87 33.3 26.4 39.6



#3
 Chloromethane
 Concen: 20.030 ug/L
 RT: 2.152 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VD080195.D
 Acq: 09 Jan 2025 15:04

Tgt Ion: 50 Resp: 131529
 Ion Ratio Lower Upper
 50 100
 52 33.6 22.0 40.8

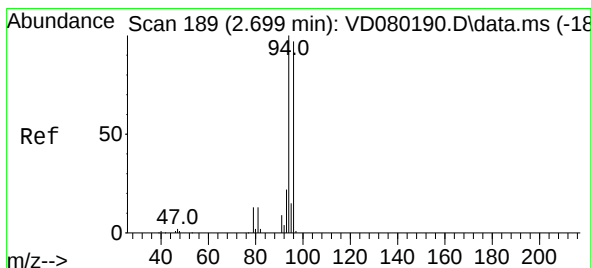
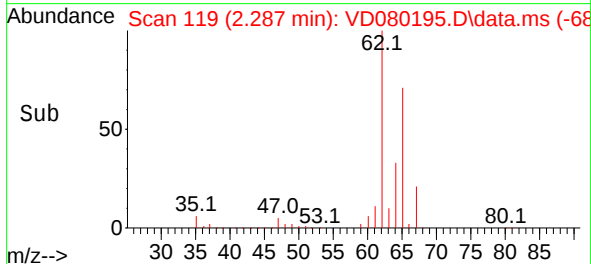
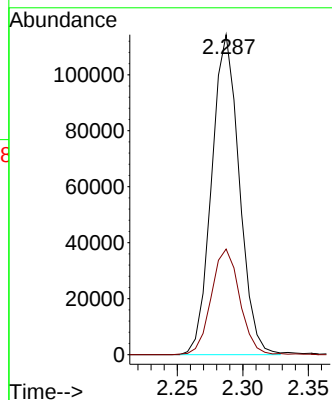
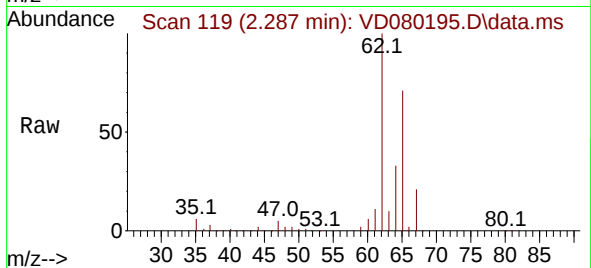




#5
 Vinyl chloride
 Concen: 20.798 ug/L
 RT: 2.287 min Scan# 119
 Delta R.T. 0.000 min
 Lab File: VD080195.D
 Acq: 09 Jan 2025 15:04

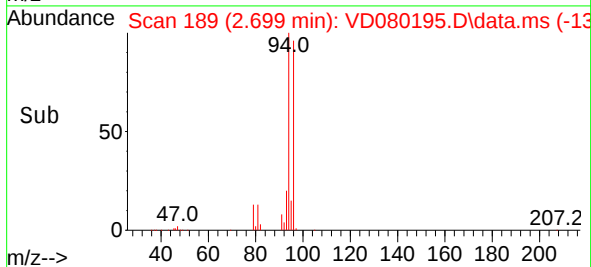
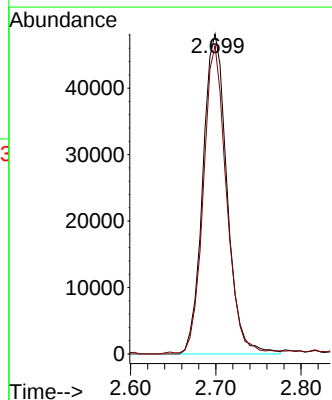
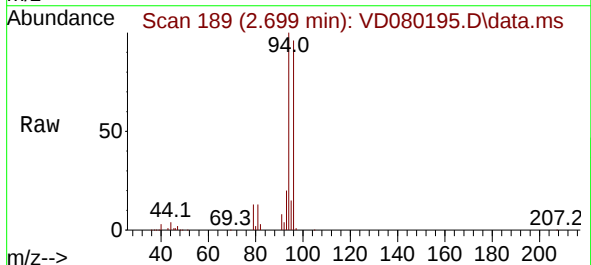
Instrument :
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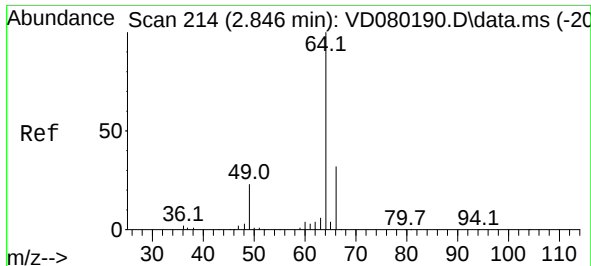
Tgt Ion: 62 Resp: 167583
 Ion Ratio Lower Upper
 62 100
 64 33.0 22.3 41.5



#6
 Bromomethane
 Concen: 20.203 ug/L
 RT: 2.699 min Scan# 189
 Delta R.T. 0.000 min
 Lab File: VD080195.D
 Acq: 09 Jan 2025 15:04

Tgt Ion: 94 Resp: 94802
 Ion Ratio Lower Upper
 94 100
 96 96.3 67.7 125.7

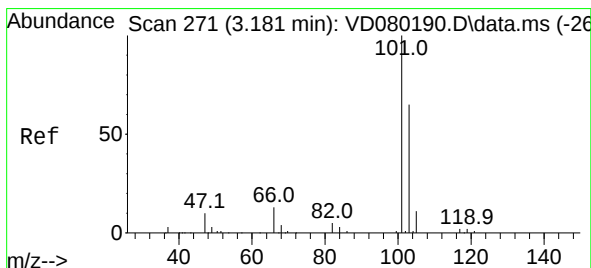
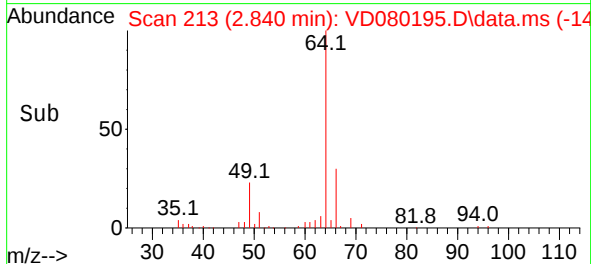
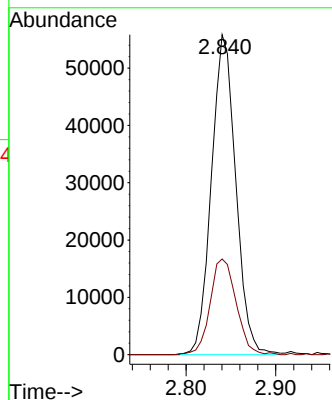
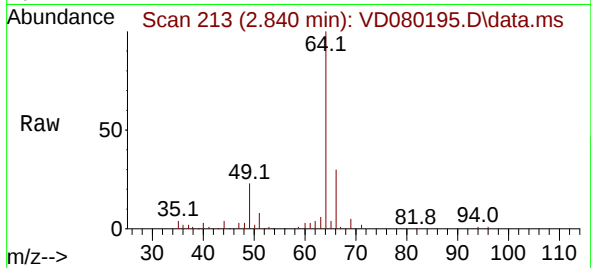




#8
Chloroethane
Concen: 21.327 ug/L
RT: 2.840 min Scan# 214
Delta R.T. -0.006 min
Lab File: VD080195.D
Acq: 09 Jan 2025 15:04

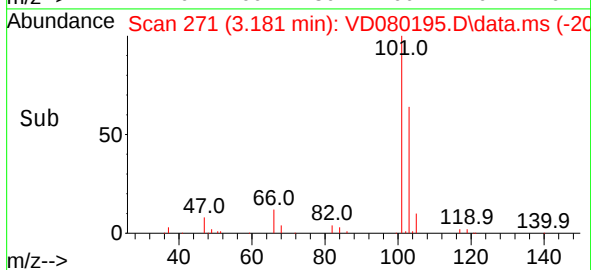
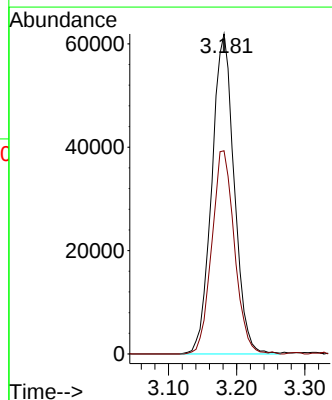
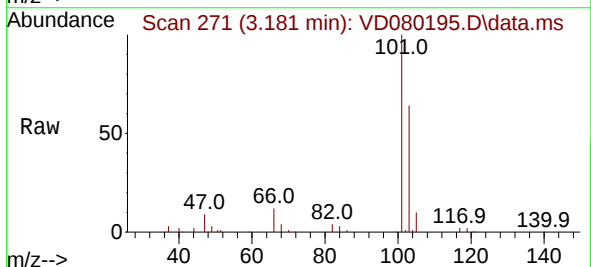
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MSVOA_D
ClientSampleId :

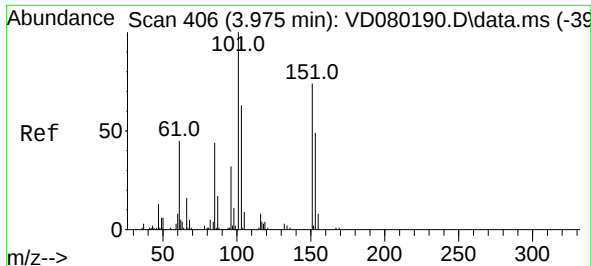
Tgt Ion: 64 Resp: 105413
Ion Ratio Lower Upper
64 100
66 29.9 22.3 41.5



#9
Trichlorofluoromethane
Concen: 21.171 ug/L
RT: 3.181 min Scan# 271
Delta R.T. 0.000 min
Lab File: VD080195.D
Acq: 09 Jan 2025 15:04

Tgt Ion:101 Resp: 141741
Ion Ratio Lower Upper
101 100
103 64.1 52.2 78.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 21.468 ug/L

RT: 3.970 min Scan# 406

Delta R.T. -0.006 min

Lab File: VD080195.D

Acq: 09 Jan 2025 15:04

Instrument :

MSVOA_D

ClientSampleId :

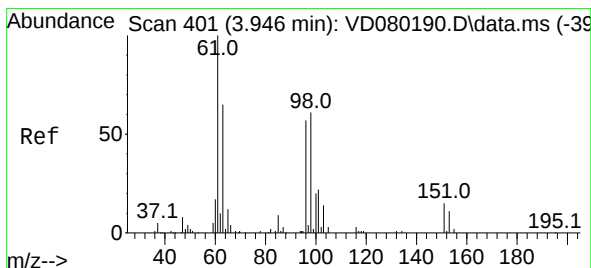
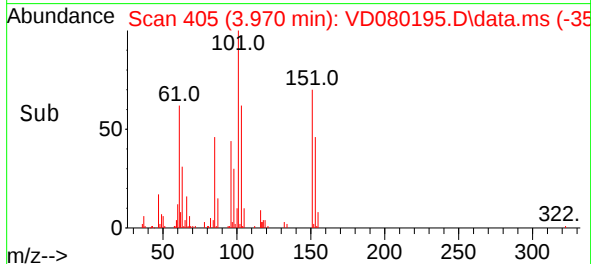
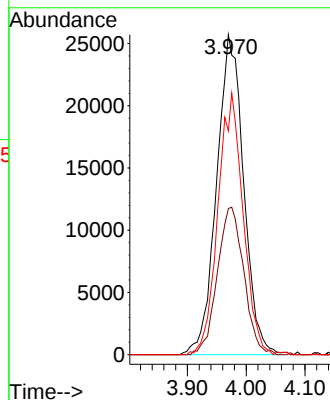
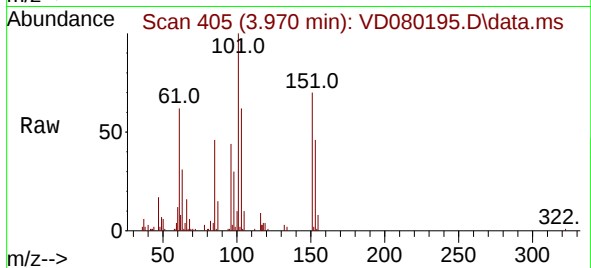
Tgt Ion:101 Resp: 82004

Ion Ratio Lower Upper

101 100

85 45.0 35.6 53.4

151 76.1 60.0 90.0



#12

1,1-Dichloroethene

Concen: 20.624 ug/L

RT: 3.946 min Scan# 401

Delta R.T. 0.000 min

Lab File: VD080195.D

Acq: 09 Jan 2025 15:04

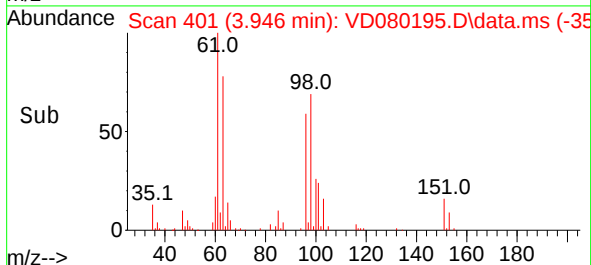
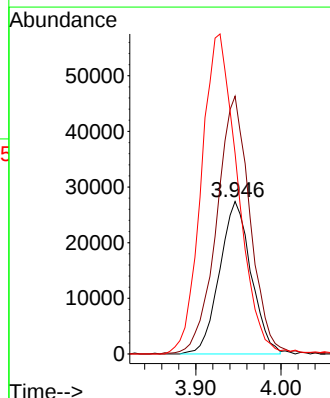
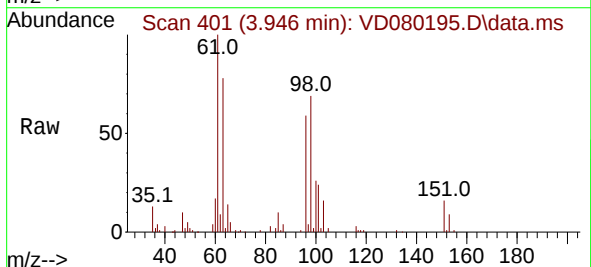
Tgt Ion: 96 Resp: 70319

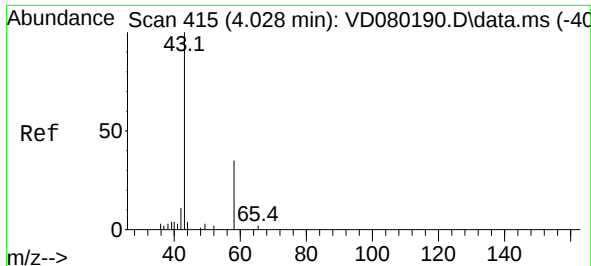
Ion Ratio Lower Upper

96 100

61 169.2 123.1 228.7

63 131.6 89.6 166.4

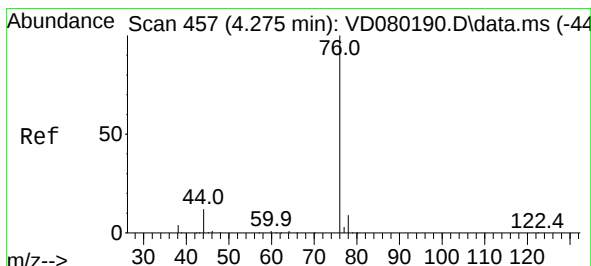
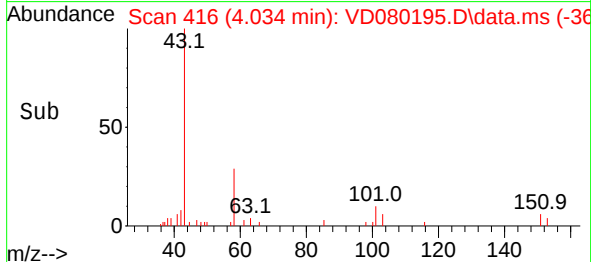
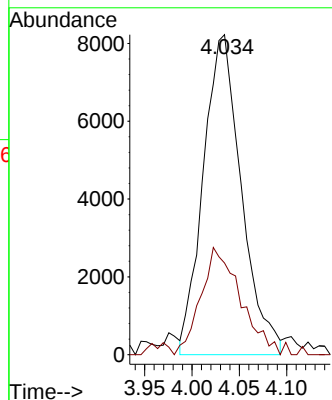
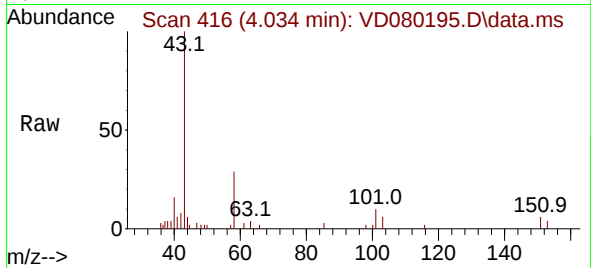




#13
Acetone
Concen: 35.353 ug/L
RT: 4.034 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD080195.D
Acq: 09 Jan 2025 15:04

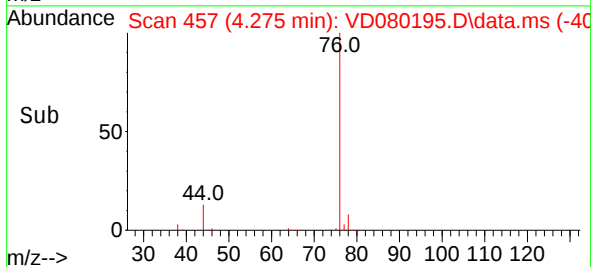
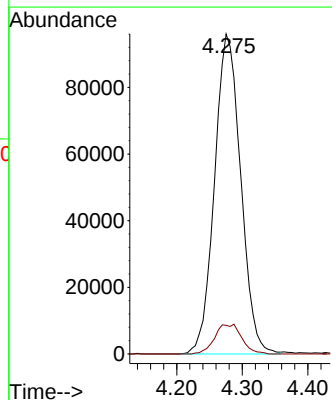
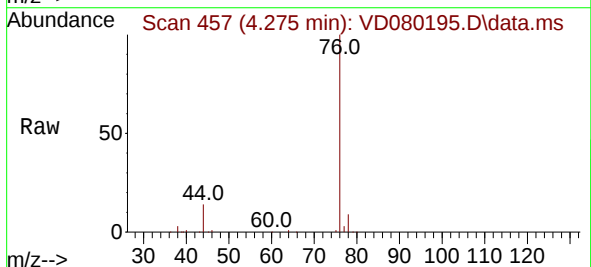
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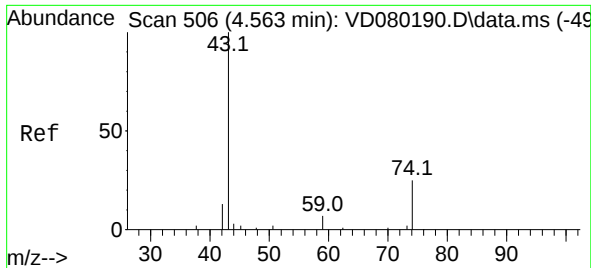
Tgt Ion: 43 Resp: 23027
Ion Ratio Lower Upper
43 100
58 33.0 0.0 52.8



#14
Carbon disulfide
Concen: 20.939 ug/L
RT: 4.275 min Scan# 457
Delta R.T. 0.000 min
Lab File: VD080195.D
Acq: 09 Jan 2025 15:04

Tgt Ion: 76 Resp: 266093
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3

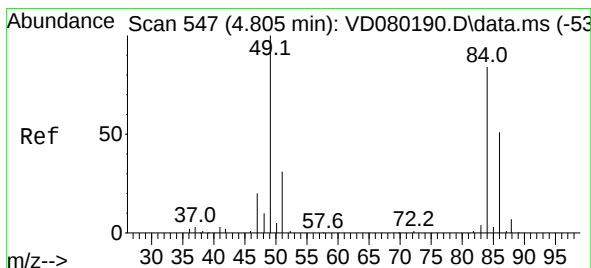
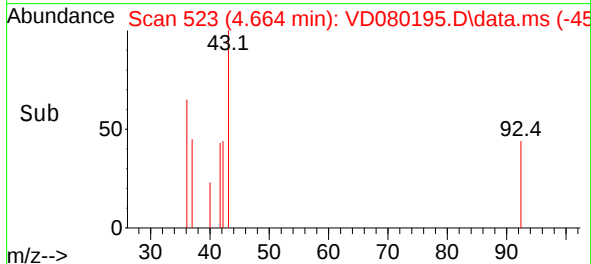
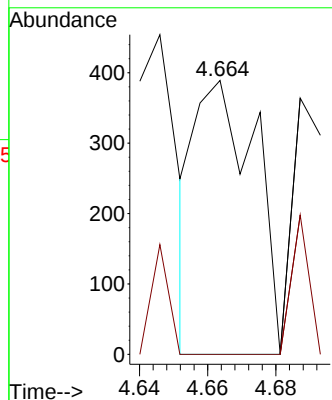
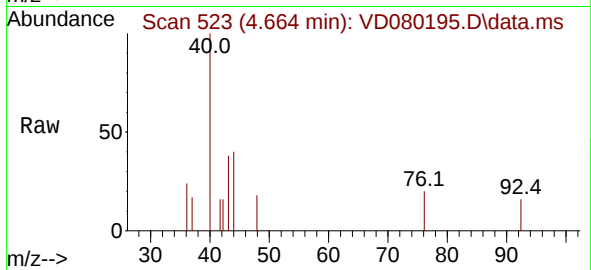




#15
Methyl Acetate
Concen: 0.291 ug/L
RT: 4.664 min Scan# 511
Delta R.T. 0.100 min
Lab File: VD080195.D
Acq: 09 Jan 2025 15:04

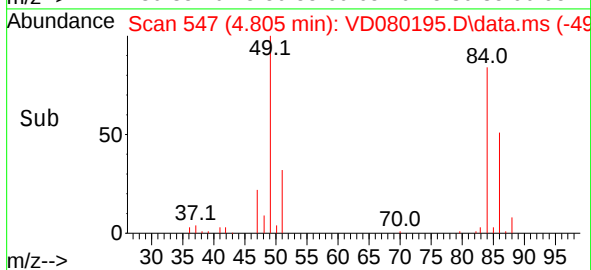
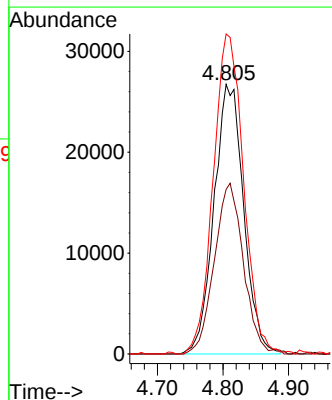
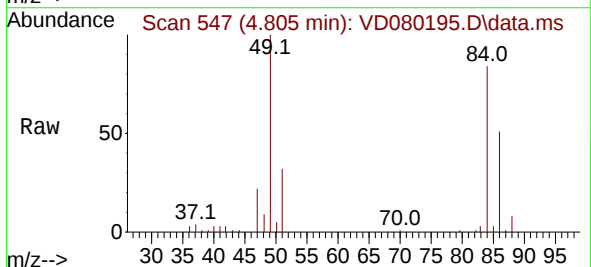
Instrument :
MSVOA_D
ClientSampleId :

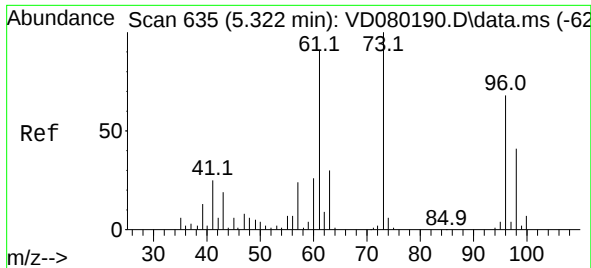
Tgt Ion: 43 Resp: 475
Ion Ratio Lower Upper
43 100
74 11.6 10.1 15.1



#16
Methylene chloride
Concen: 20.362 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.000 min
Lab File: VD080195.D
Acq: 09 Jan 2025 15:04

Tgt Ion: 84 Resp: 83892
Ion Ratio Lower Upper
84 100
86 61.0 42.8 79.4
49 118.7 83.1 154.3

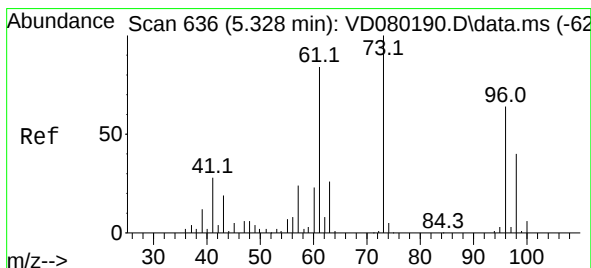
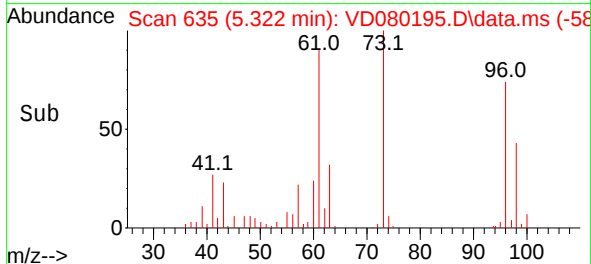
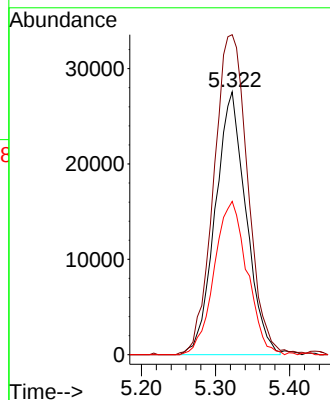
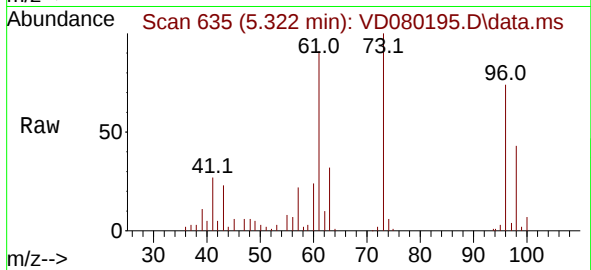




#17
trans-1,2-Dichloroethene
Concen: 21.494 ug/L
RT: 5.322 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD080195.D
Acq: 09 Jan 2025 15:04

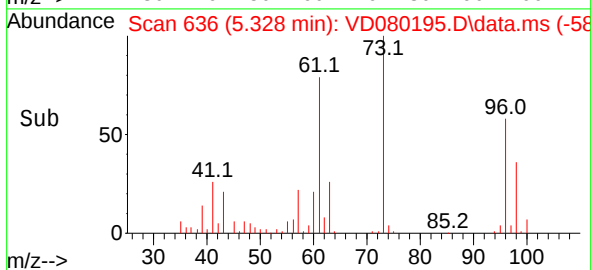
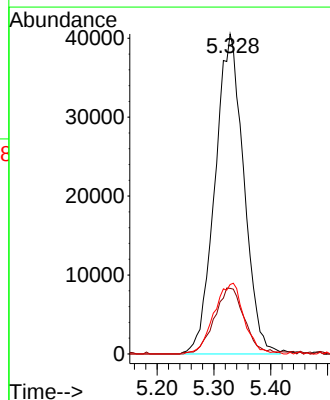
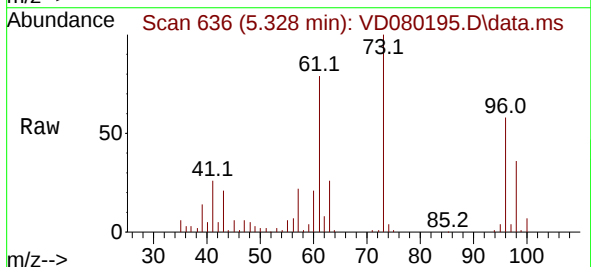
Instrument :
MSVOA_D
ClientSampleId :

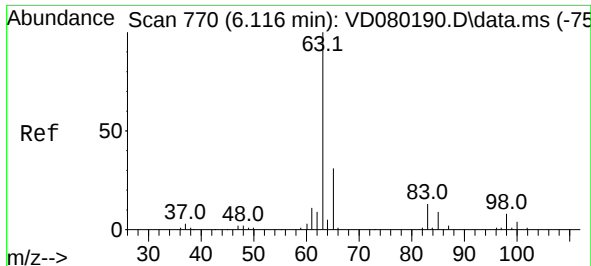
Tgt Ion: 96 Resp: 79723
Ion Ratio Lower Upper
96 100
61 121.7 93.7 173.9
98 58.3 42.1 78.1



#18
Methyl tert-butyl Ether
Concen: 20.182 ug/L
RT: 5.328 min Scan# 636
Delta R.T. 0.000 min
Lab File: VD080195.D
Acq: 09 Jan 2025 15:04

Tgt Ion: 73 Resp: 142633
Ion Ratio Lower Upper
73 100
43 21.2 16.6 24.8
57 22.9 18.9 28.3

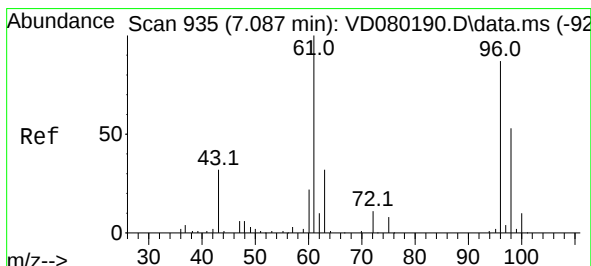
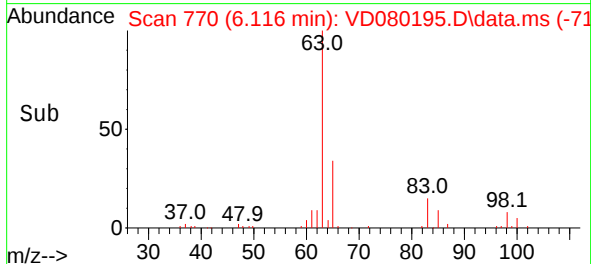
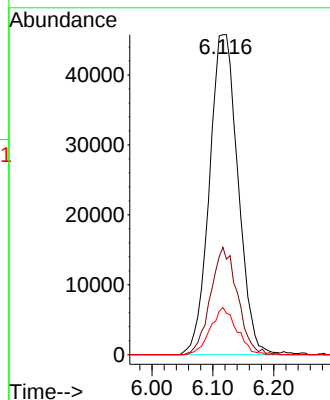
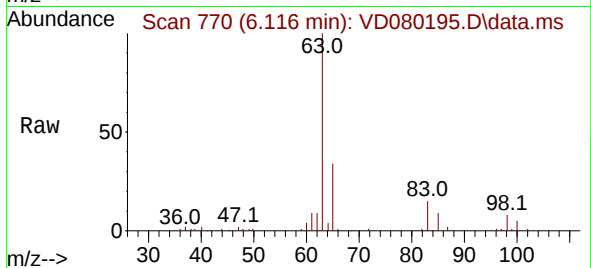




#19
1,1-Dichloroethane
Concen: 20.852 ug/L
RT: 6.116 min Scan# 770
Delta R.T. 0.000 min
Lab File: VD080195.D
Acq: 09 Jan 2025 15:04

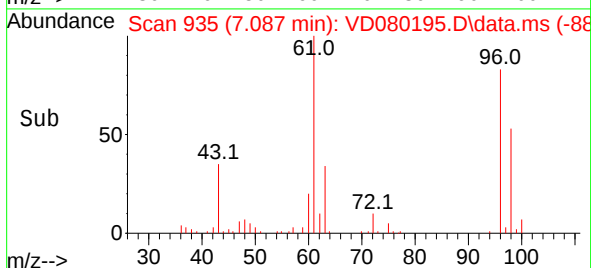
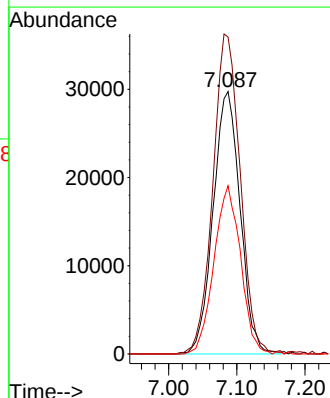
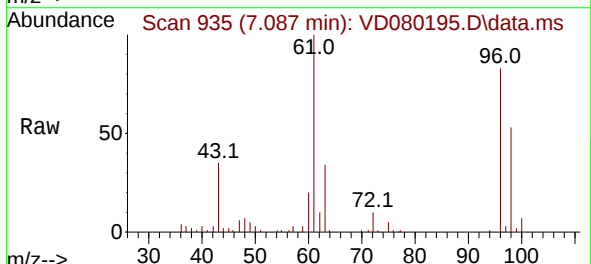
Instrument :
MSVOA_D
ClientSampleId :

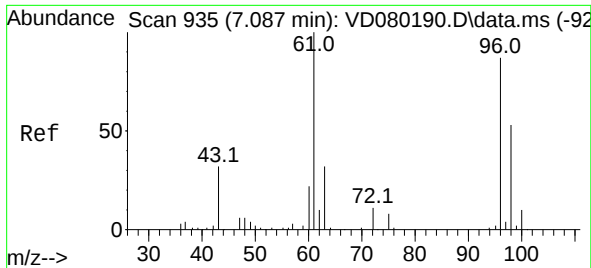
Tgt Ion:	63	Resp:	149315
Ion Ratio	Lower	Upper	
63	100		
65	33.5	21.7	40.3
83	14.8	8.8	16.4



#20
cis-1,2-Dichloroethene
Concen: 21.007 ug/L
RT: 7.087 min Scan# 935
Delta R.T. 0.000 min
Lab File: VD080195.D
Acq: 09 Jan 2025 15:04

Tgt Ion:	96	Resp:	81940
Ion Ratio	Lower	Upper	
96	100		
61	120.9	80.8	150.0
98	64.1	42.6	79.0

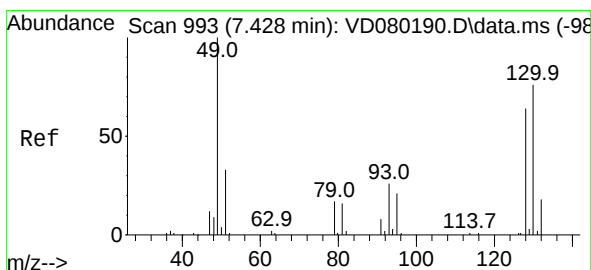
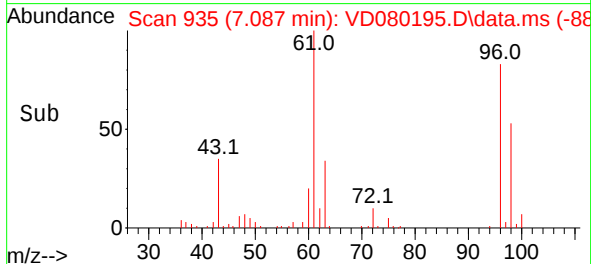
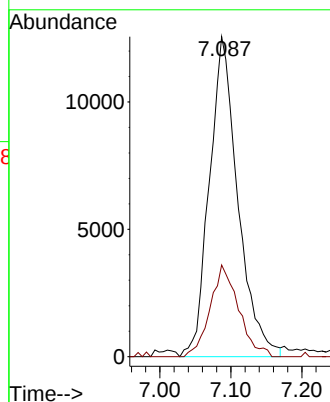
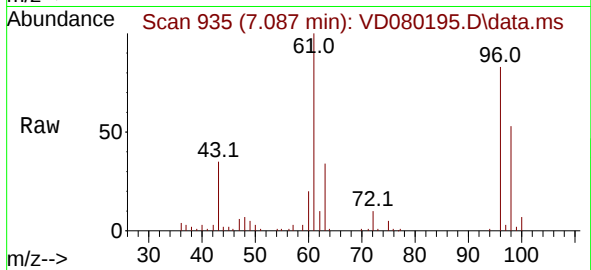




#22
2-Butanone
Concen: 37.764 ug/L
RT: 7.087 min Scan# 935
Delta R.T. 0.000 min
Lab File: VD080195.D
Acq: 09 Jan 2025 15:04

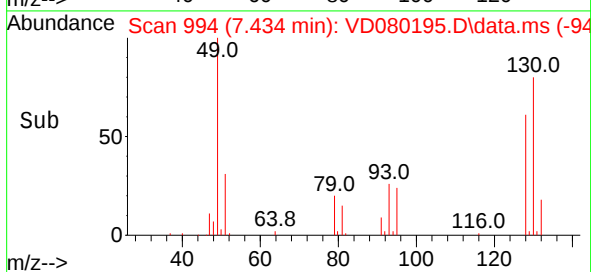
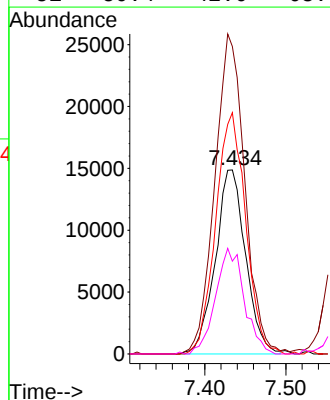
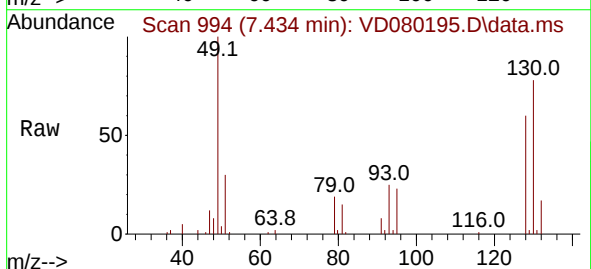
Instrument :
MSVOA_D
ClientSampleId :

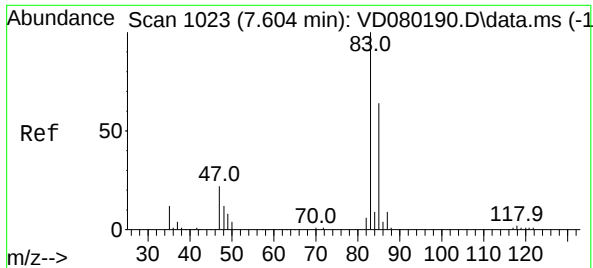
Tgt Ion: 43 Resp: 35045
Ion Ratio Lower Upper
43 100
72 27.9 14.0 42.0



#23
Bromochloromethane
Concen: 20.399 ug/L
RT: 7.434 min Scan# 994
Delta R.T. 0.006 min
Lab File: VD080195.D
Acq: 09 Jan 2025 15:04

Tgt Ion:128 Resp: 38479
Ion Ratio Lower Upper
128 100
49 167.1 110.7 205.7
130 131.1 83.1 154.3
51 50.4 42.0 63.0





#25

Chloroform

Concen: 21.413 ug/L

RT: 7.599 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD080195.D

Acq: 09 Jan 2025 15:04

Instrument :

MSVOA_D

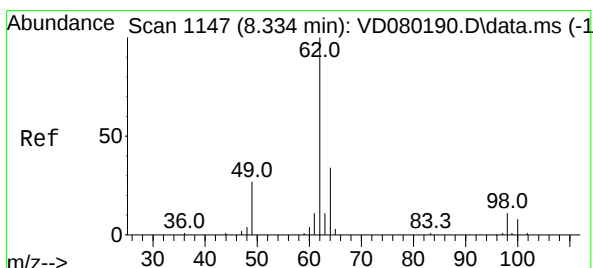
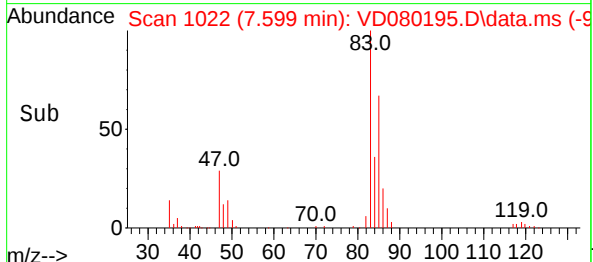
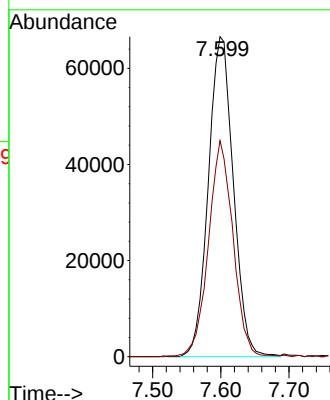
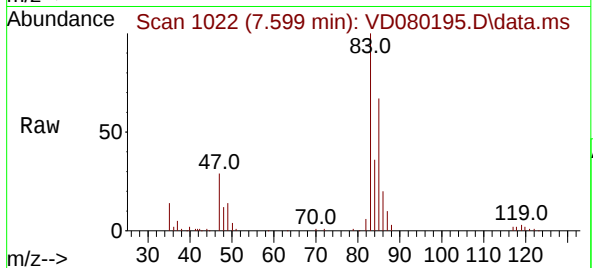
ClientSampleId :

Tgt Ion: 83 Resp: 169937

Ion Ratio Lower Upper

83 100

85 67.5 45.1 83.9



#27

1,2-Dichloroethane

Concen: 20.653 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. -0.006 min

Lab File: VD080195.D

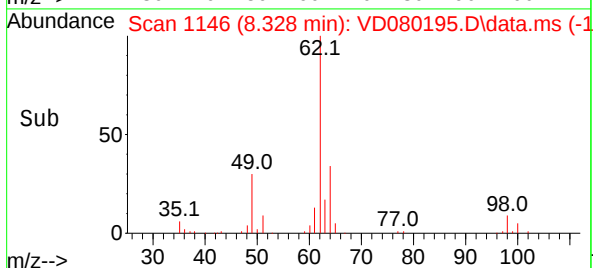
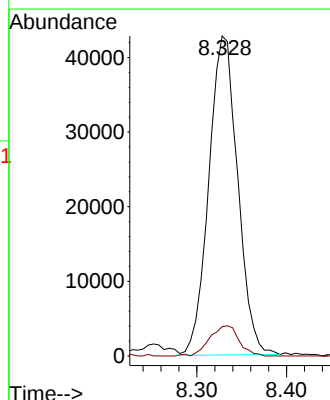
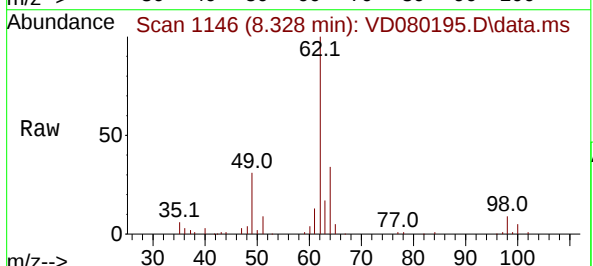
Acq: 09 Jan 2025 15:04

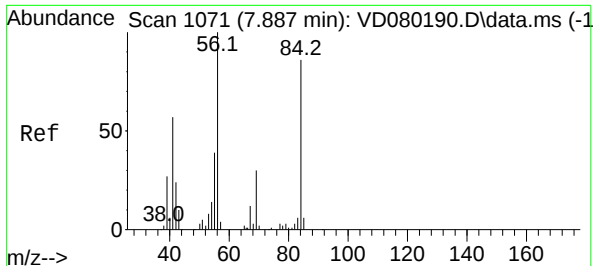
Tgt Ion: 62 Resp: 95614

Ion Ratio Lower Upper

62 100

98 9.1 8.6 13.0





#29

Cyclohexane

Concen: 21.894 ug/L

RT: 7.881 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD080195.D

Acq: 09 Jan 2025 15:04

Instrument :

MSVOA_D

ClientSampleId :

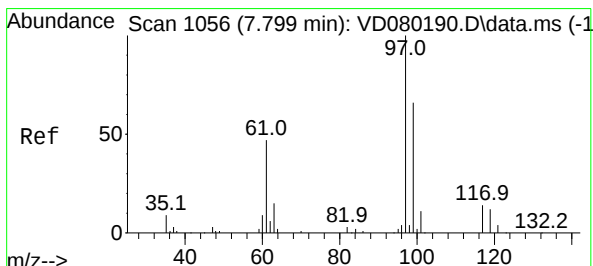
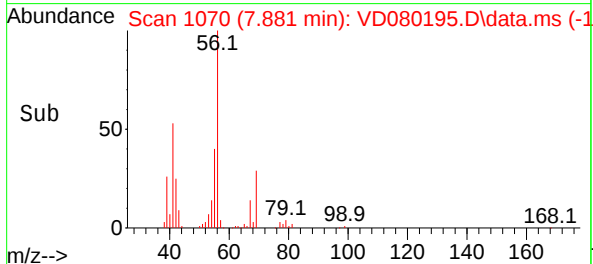
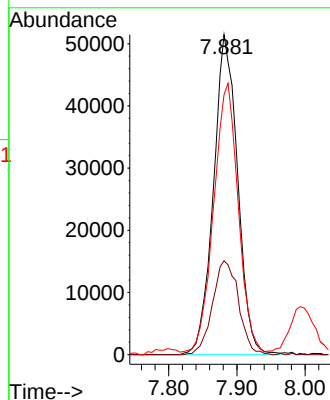
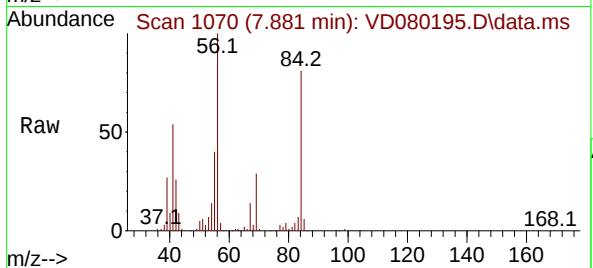
Tgt Ion: 56 Resp: 126824

Ion Ratio Lower Upper

56 100

69 31.5 24.2 36.4

84 86.7 68.8 103.2



#30

1,1,1-Trichloroethane

Concen: 21.327 ug/L

RT: 7.799 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VD080195.D

Acq: 09 Jan 2025 15:04

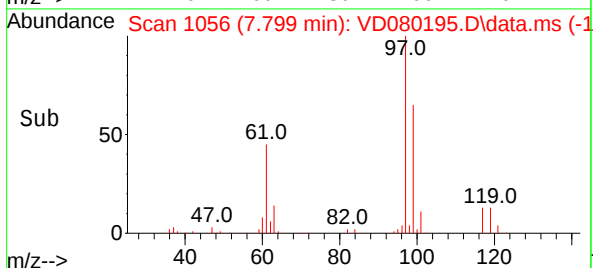
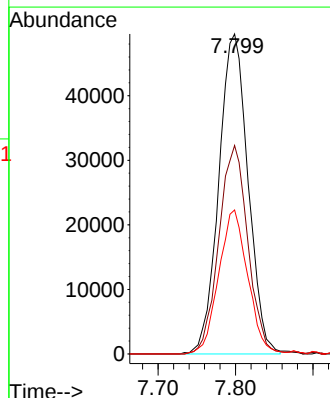
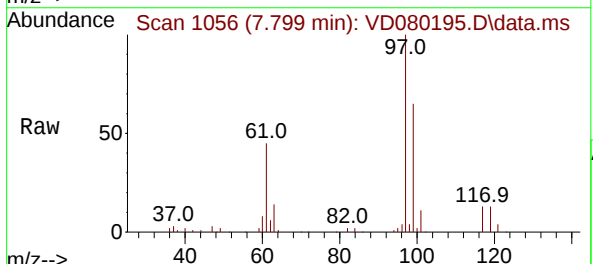
Tgt Ion: 97 Resp: 130088

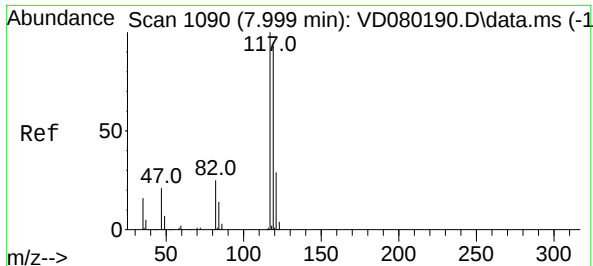
Ion Ratio Lower Upper

97 100

99 64.6 51.7 77.5

61 44.7 35.8 53.6

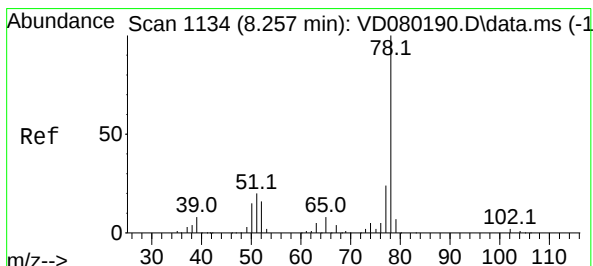
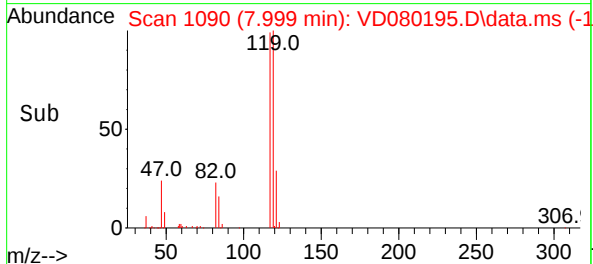
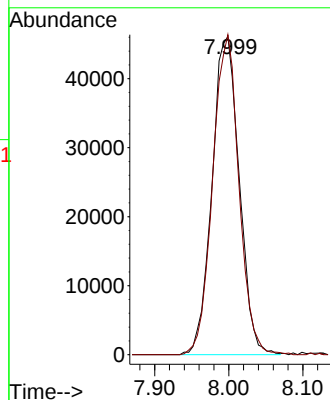
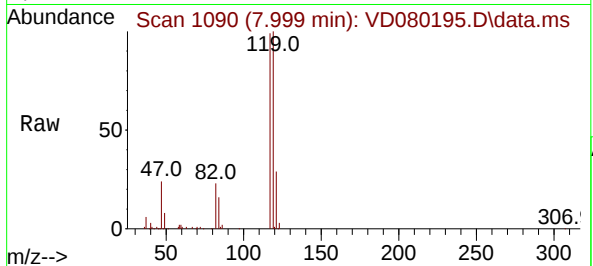




#31
Carbon tetrachloride
Concen: 21.805 ug/L
RT: 7.999 min Scan# 110
Delta R.T. 0.000 min
Lab File: VD080195.D
Acq: 09 Jan 2025 15:04

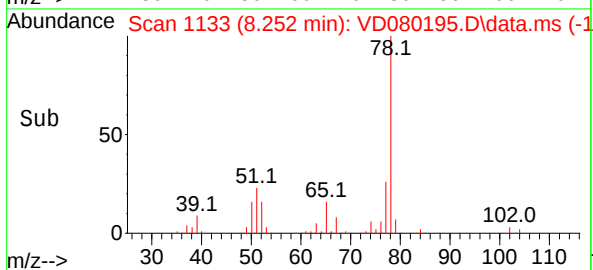
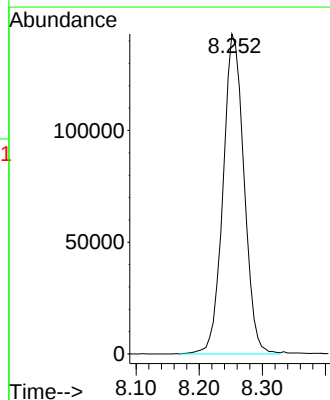
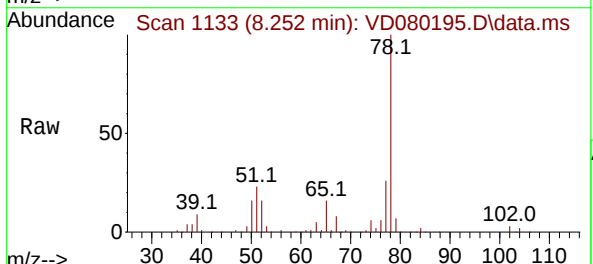
Instrument :
MSVOA_D
ClientSampleId :

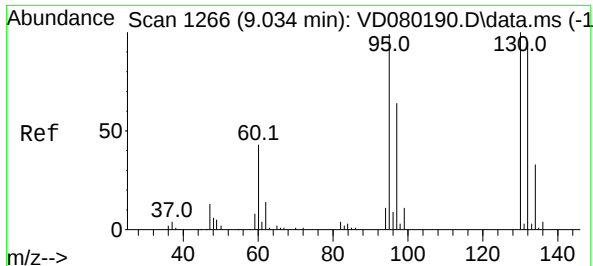
Tgt Ion:117 Resp: 117389
Ion Ratio Lower Upper
117 100
119 97.2 75.8 113.8



#33
Benzene
Concen: 21.153 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. -0.006 min
Lab File: VD080195.D
Acq: 09 Jan 2025 15:04

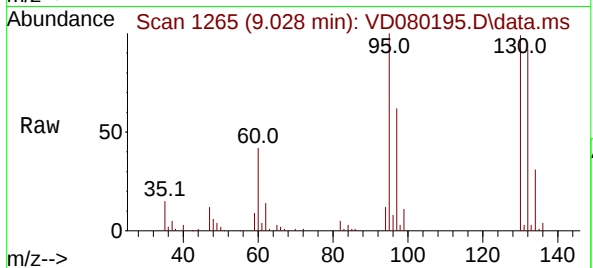
Tgt Ion: 78 Resp: 331168



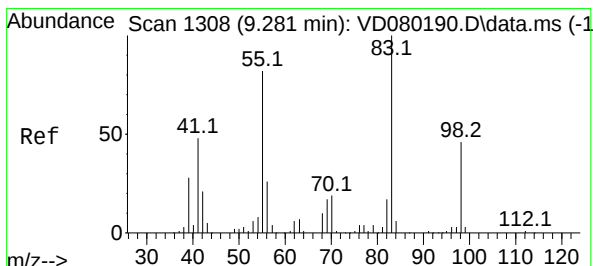
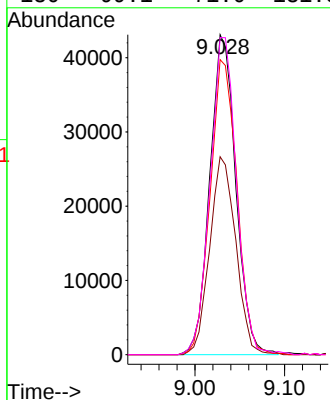
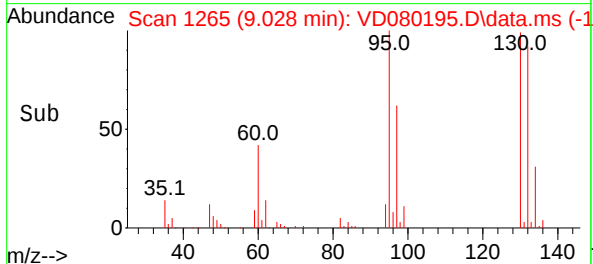


#34
Trichloroethene
Concen: 21.409 ug/L
RT: 9.028 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD080195.D
Acq: 09 Jan 2025 15:04

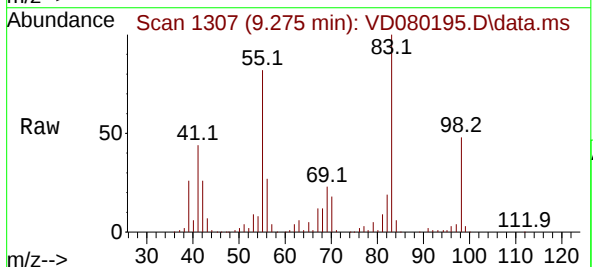
Instrument :
MSVOA_D
ClientSampleId :



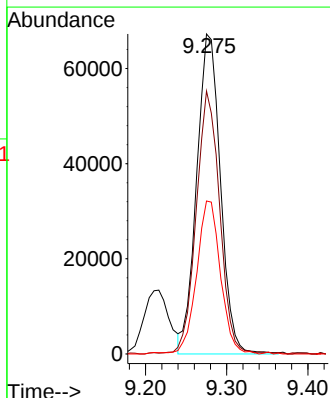
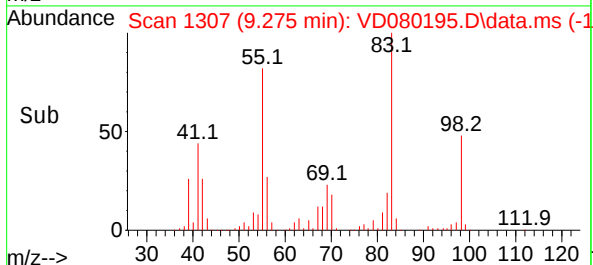
Tgt Ion: 95 Resp: 86804
Ion Ratio Lower Upper
95 100
97 61.9 45.6 84.6
132 92.2 67.2 124.8
130 99.1 71.0 131.8

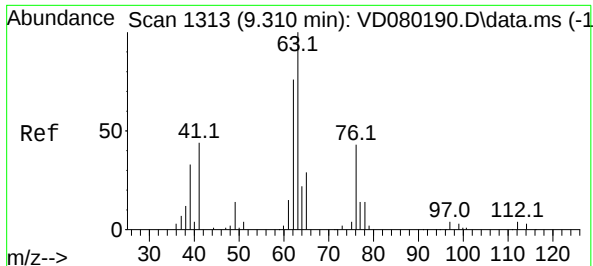


#35
Methylcyclohexane
Concen: 22.704 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. -0.006 min
Lab File: VD080195.D
Acq: 09 Jan 2025 15:04



Tgt Ion: 83 Resp: 136886
Ion Ratio Lower Upper
83 100
55 80.4 65.6 98.4
98 47.9 37.7 56.5

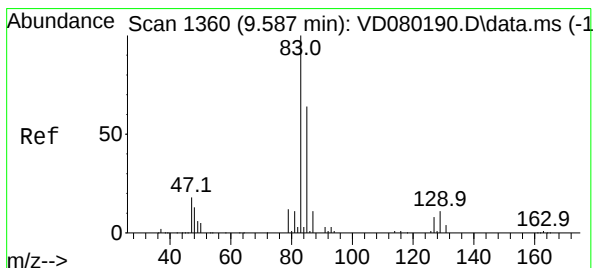
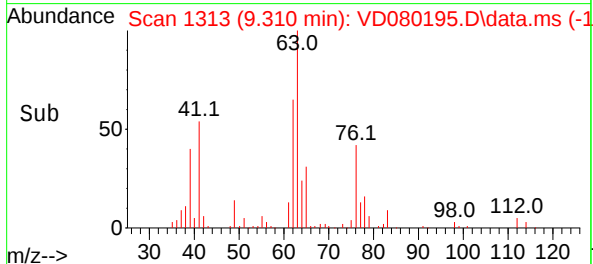
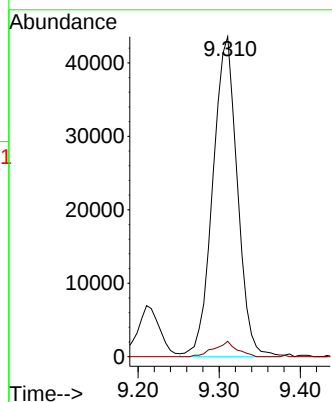
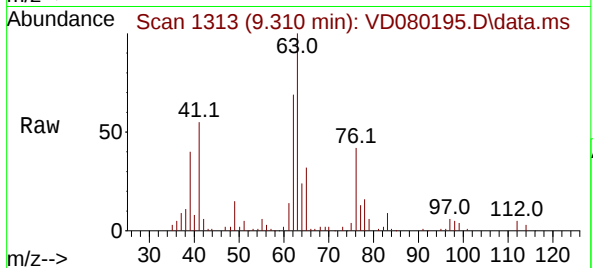




#37
1,2-Dichloropropane
Concen: 21.468 ug/L
RT: 9.310 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VD080195.D
Acq: 09 Jan 2025 15:04

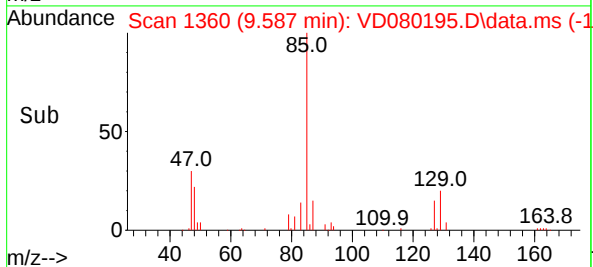
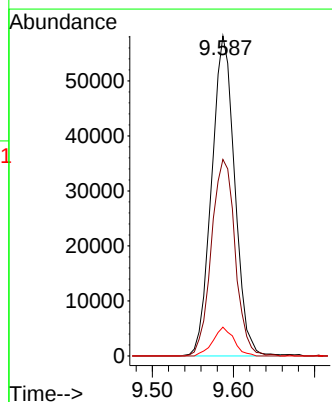
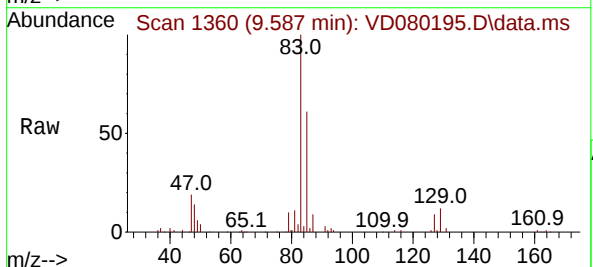
Instrument :
MSVOA_D
ClientSampleId :

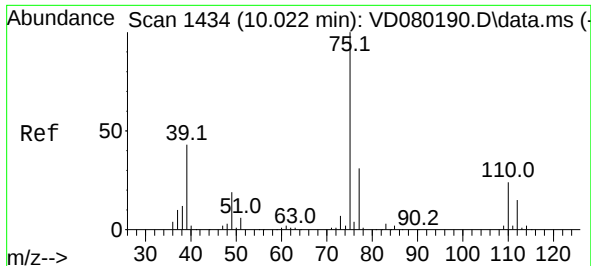
Tgt Ion: 63 Resp: 91569
Ion Ratio Lower Upper
63 100
112 4.4 3.6 5.4



#38
Bromodichloromethane
Concen: 21.504 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD080195.D
Acq: 09 Jan 2025 15:04

Tgt Ion: 83 Resp: 114994
Ion Ratio Lower Upper
83 100
85 61.4 44.6 82.8
127 9.0 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 21.984 ug/L

RT: 10.022 min Scan# 1434

Delta R.T. 0.000 min

Lab File: VD080195.D

Acq: 09 Jan 2025 15:04

Instrument :

MSVOA_D

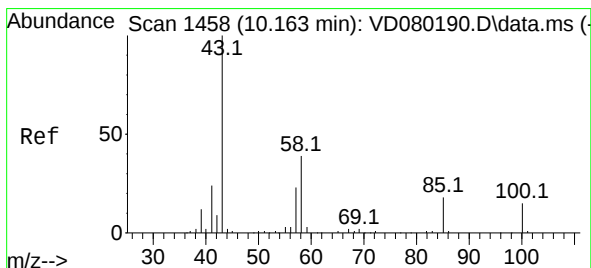
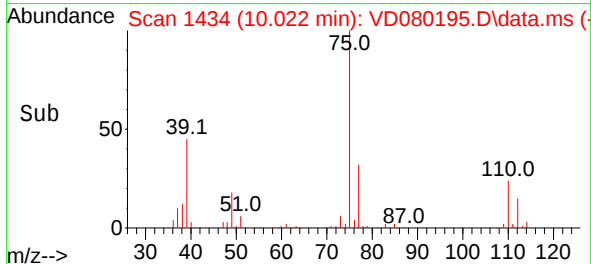
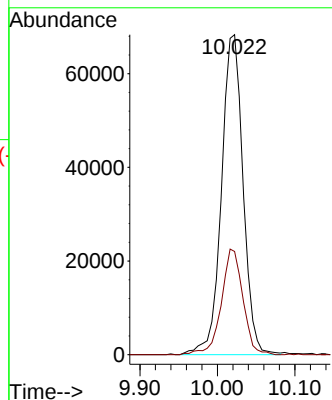
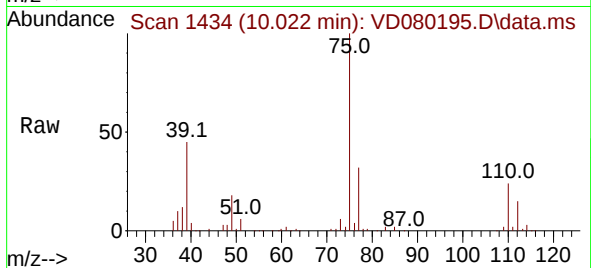
ClientSampleId :

Tgt Ion: 75 Resp: 132535

Ion Ratio Lower Upper

75 100

77 32.3 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 40.422 ug/L

RT: 10.163 min Scan# 1458

Delta R.T. 0.000 min

Lab File: VD080195.D

Acq: 09 Jan 2025 15:04

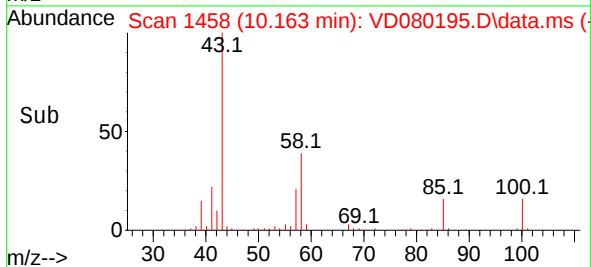
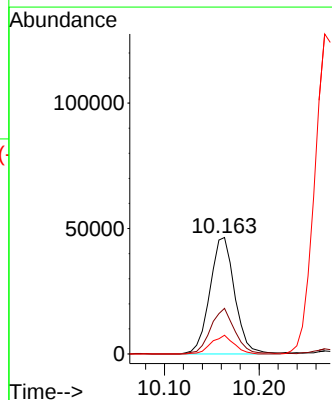
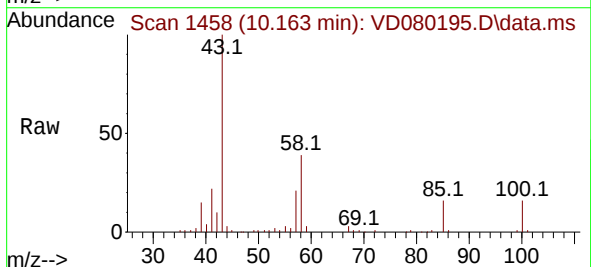
Tgt Ion: 43 Resp: 84636

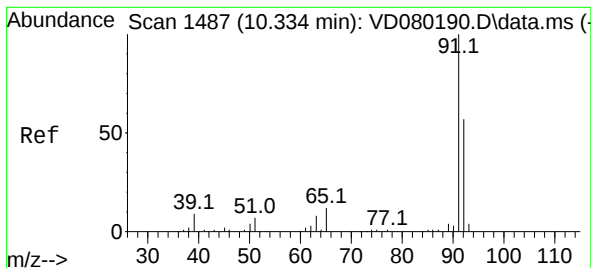
Ion Ratio Lower Upper

43 100

58 38.2 31.0 46.6

100 14.8 12.1 18.1





#42

Toluene

Concen: 22.771 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD080195.D

Acq: 09 Jan 2025 15:04

Instrument :

MSVOA_D

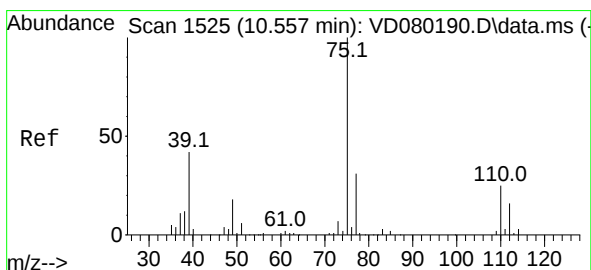
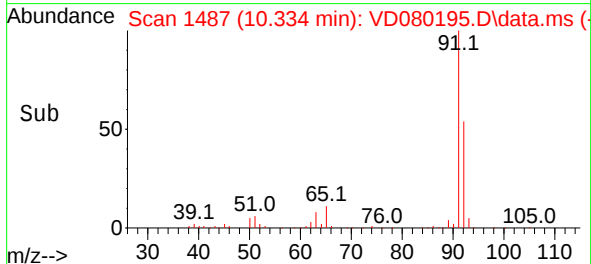
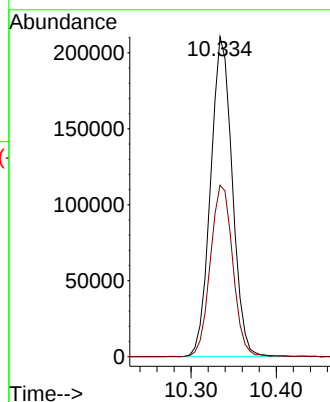
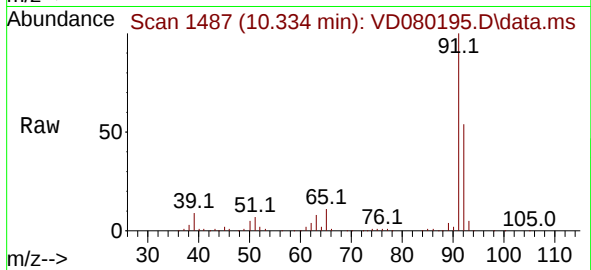
ClientSampleId :

Tgt Ion: 91 Resp: 372464

Ion Ratio Lower Upper

91 100

92 53.6 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 21.886 ug/L

RT: 10.552 min Scan# 1524

Delta R.T. -0.006 min

Lab File: VD080195.D

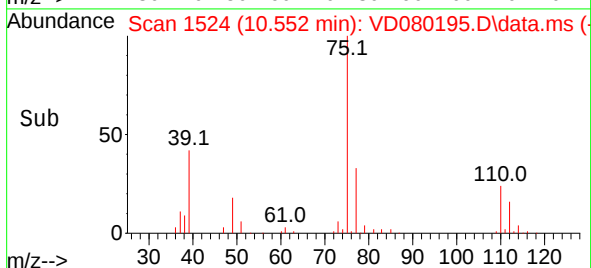
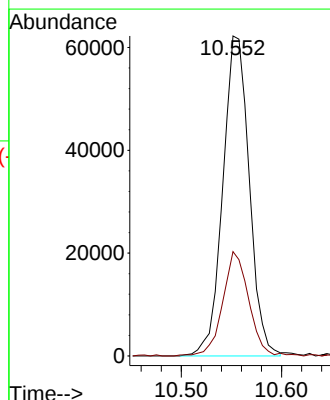
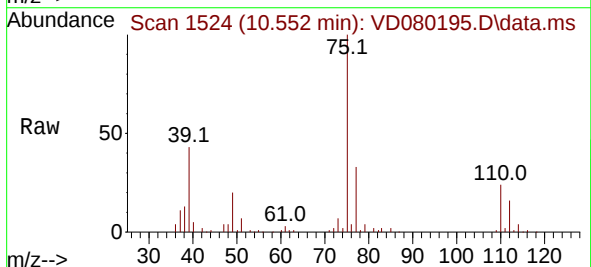
Acq: 09 Jan 2025 15:04

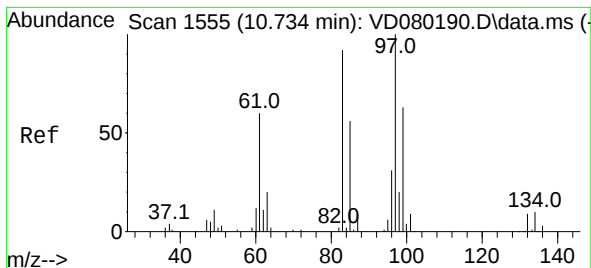
Tgt Ion: 75 Resp: 113946

Ion Ratio Lower Upper

75 100

77 32.6 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 20.790 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD080195.D

Acq: 09 Jan 2025 15:04

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 64745

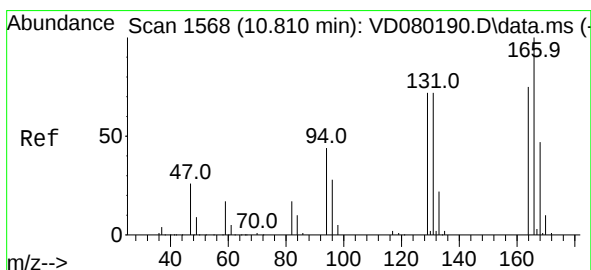
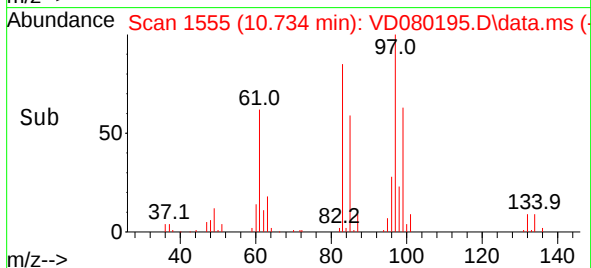
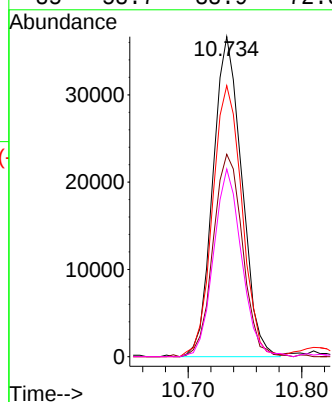
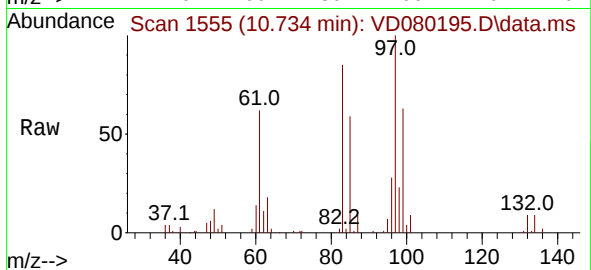
Ion Ratio Lower Upper

97 100

99 63.3 44.0 81.8

83 84.7 64.4 119.6

85 58.7 38.9 72.3



#46

Tetrachloroethene

Concen: 21.742 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD080195.D

Acq: 09 Jan 2025 15:04

Tgt Ion:164 Resp: 71030

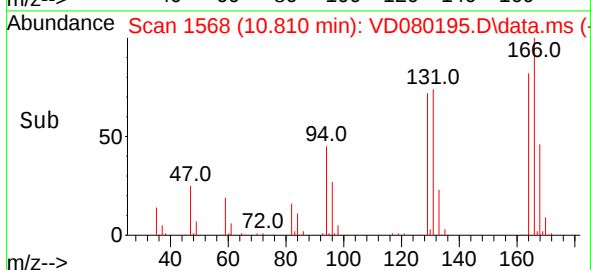
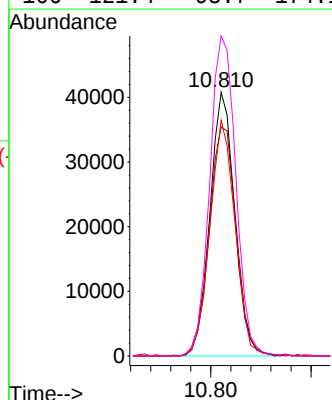
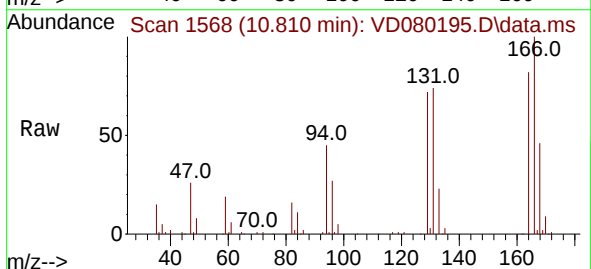
Ion Ratio Lower Upper

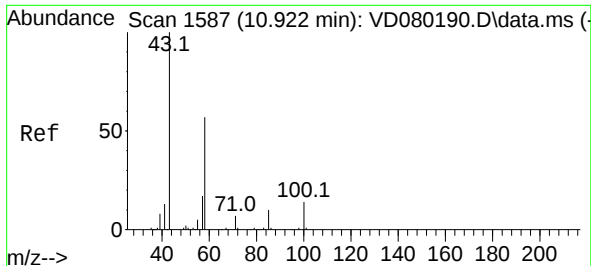
164 100

129 86.9 67.8 125.8

131 89.4 67.6 125.6

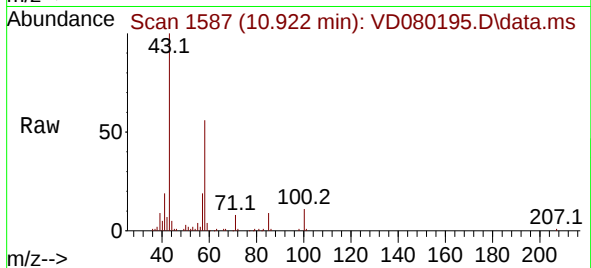
166 121.4 93.7 174.1



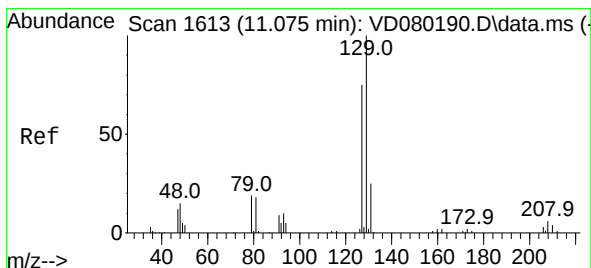
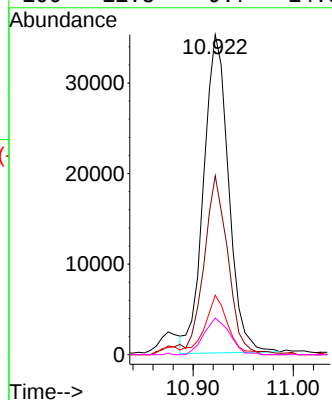
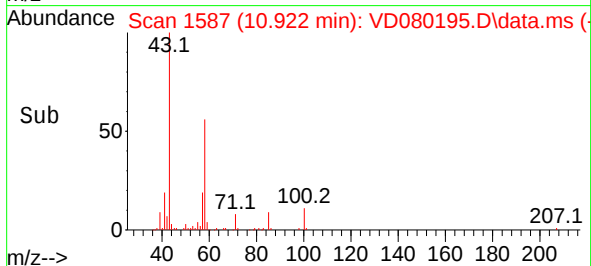


#48
2-Hexanone
Concen: 42.549 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD080195.D
Acq: 09 Jan 2025 15:04

Instrument :
MSVOA_D
ClientSampleId :

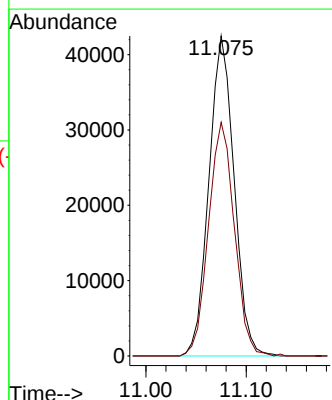
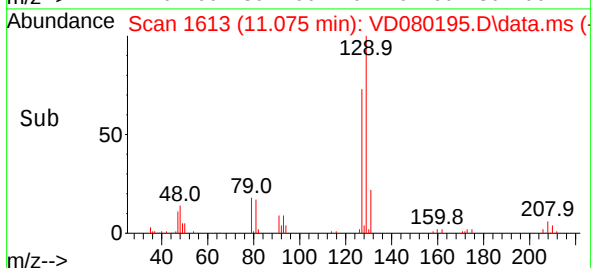
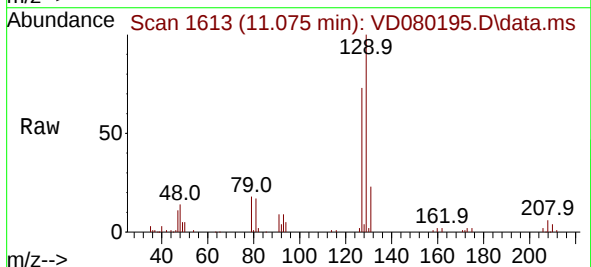


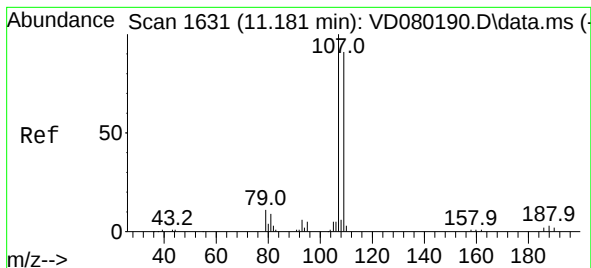
Tgt Ion: 43 Resp: 60744
Ion Ratio Lower Upper
43 100
58 53.1 42.5 63.7
57 15.5 15.5 23.3#
100 11.8 9.7 14.5



#49
Dibromochloromethane
Concen: 21.414 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD080195.D
Acq: 09 Jan 2025 15:04

Tgt Ion:129 Resp: 74270
Ion Ratio Lower Upper
129 100
127 73.0 52.3 97.1





#50

1,2-Dibromoethane

Concen: 20.753 ug/L

RT: 11.181 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD080195.D

Acq: 09 Jan 2025 15:04

Instrument :

MSVOA_D

ClientSampleId :

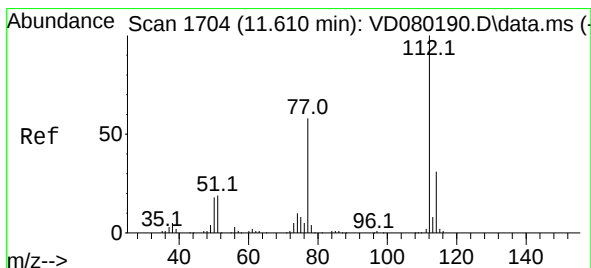
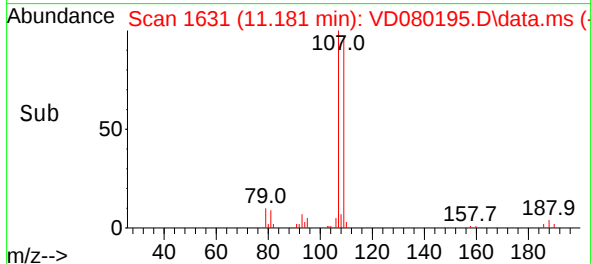
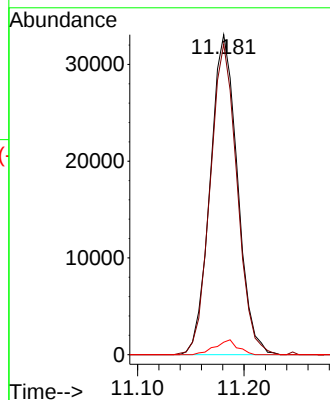
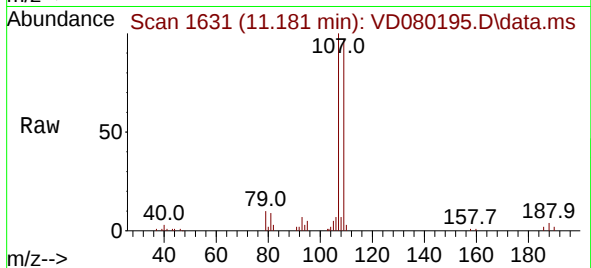
Tgt Ion:107 Resp: 58738

Ion Ratio Lower Upper

107 100

109 97.1 63.8 118.6

188 3.9 2.8 4.2



#51

Chlorobenzene

Concen: 20.989 ug/L

RT: 11.610 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VD080195.D

Acq: 09 Jan 2025 15:04

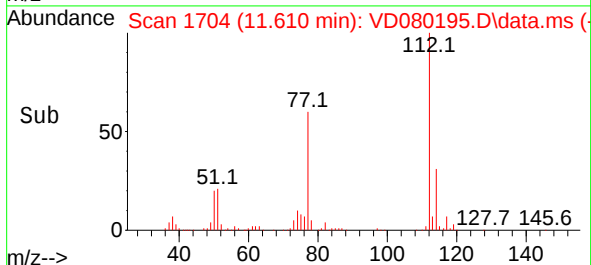
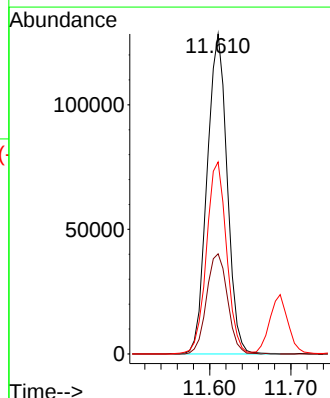
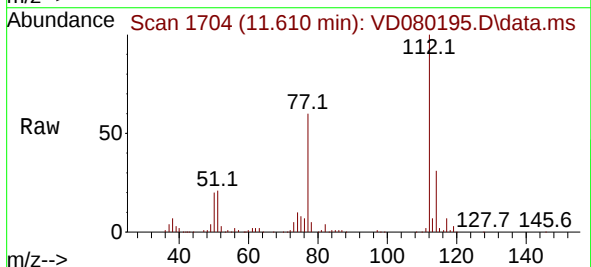
Tgt Ion:112 Resp: 220088

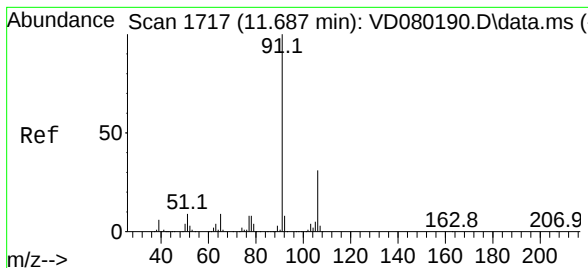
Ion Ratio Lower Upper

112 100

114 31.3 21.8 40.6

77 60.0 46.8 70.2





#52

Ethylbenzene

Concen: 22.204 ug/L

RT: 11.687 min Scan# 1717

Delta R.T. 0.000 min

Lab File: VD080195.D

Acq: 09 Jan 2025 15:04

Instrument :

MSVOA_D

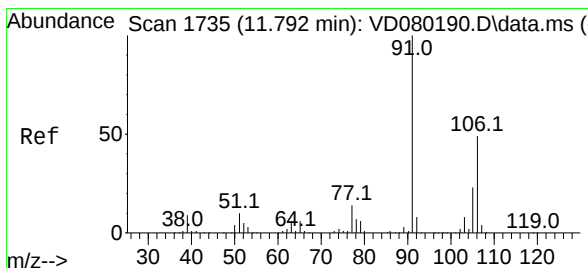
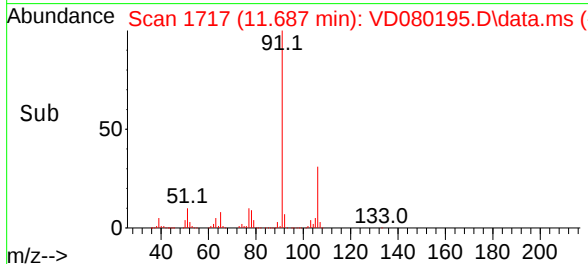
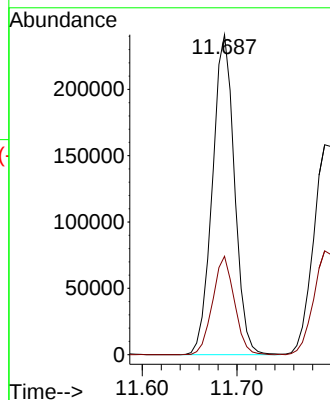
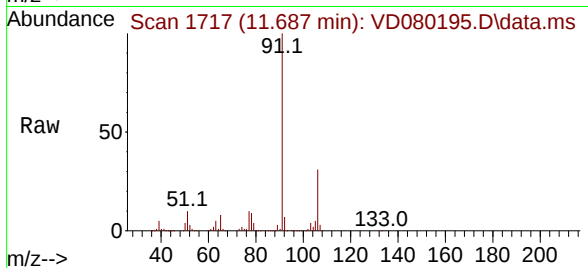
ClientSampleId :

Tgt Ion: 91 Resp: 389713

Ion Ratio Lower Upper

91 100

106 30.7 21.8 40.6



#53

m,p-Xylene

Concen: 22.659 ug/L

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD080195.D

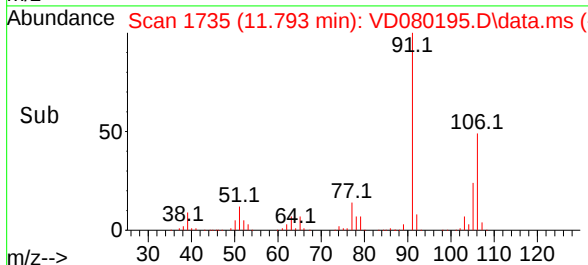
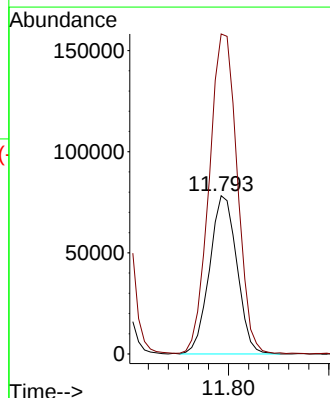
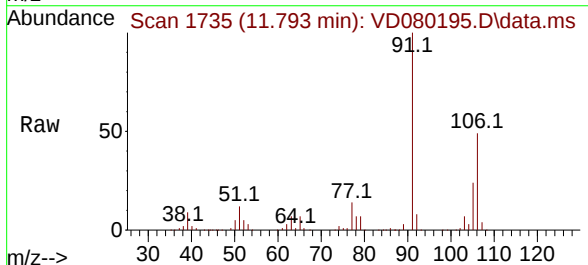
Acq: 09 Jan 2025 15:04

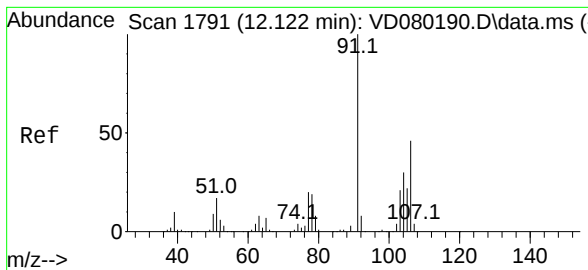
Tgt Ion:106 Resp: 148631

Ion Ratio Lower Upper

106 100

91 202.2 144.1 267.7

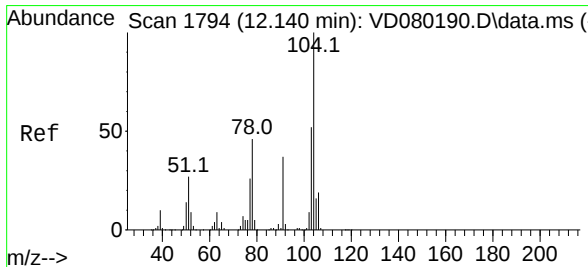
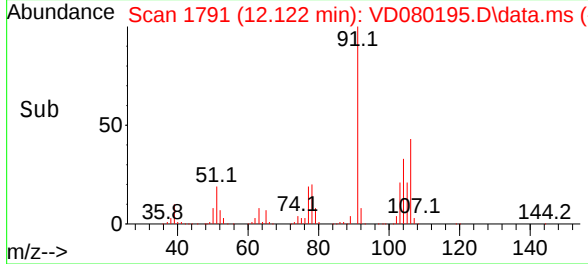
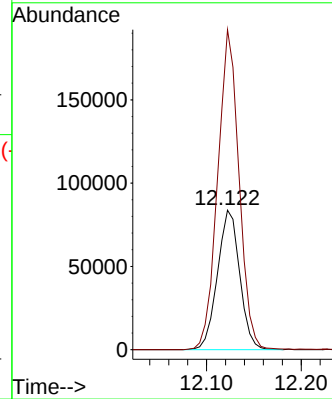
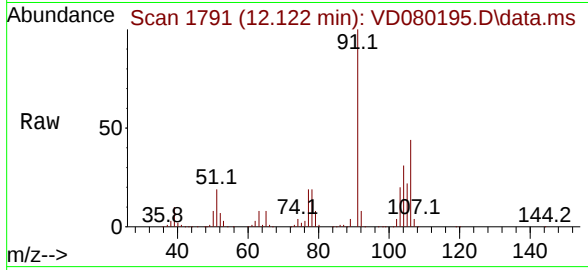




#54
o-Xylene
Concen: 22.274 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD080195.D
Acq: 09 Jan 2025 15:04

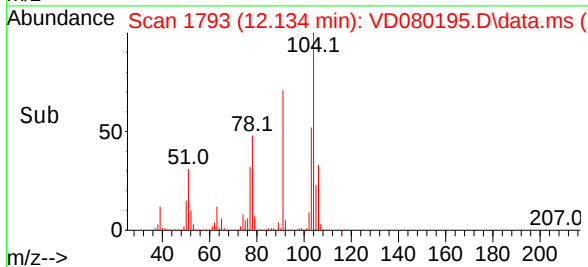
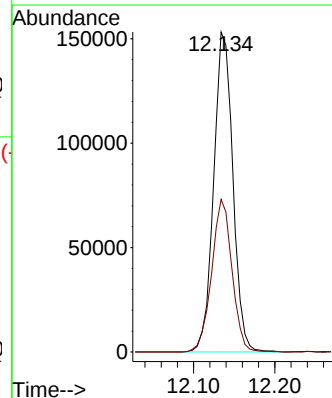
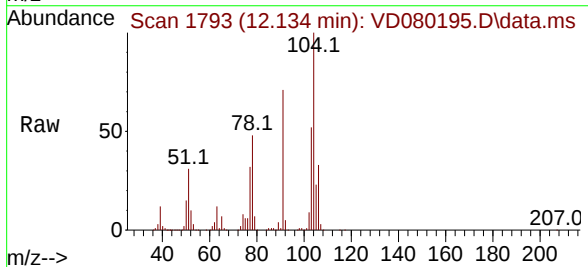
Instrument :
MSVOA_D
ClientSampleId :

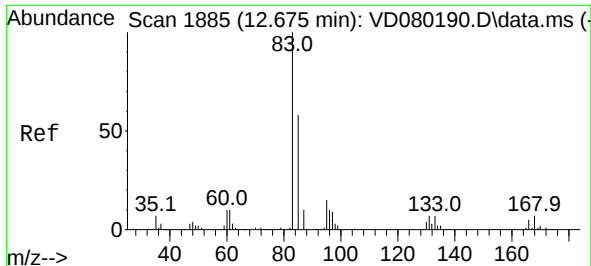
Tgt Ion:106 Resp: 136680
Ion Ratio Lower Upper
106 100
91 229.5 153.8 285.6



#55
Styrene
Concen: 22.651 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD080195.D
Acq: 09 Jan 2025 15:04

Tgt Ion:104 Resp: 251739
Ion Ratio Lower Upper
104 100
78 47.7 31.9 59.3





#57

1,1,2,2-Tetrachloroethane

Concen: 21.139 ug/L

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD080195.D

Acq: 09 Jan 2025 15:04

Instrument :

MSVOA_D

ClientSampleId :

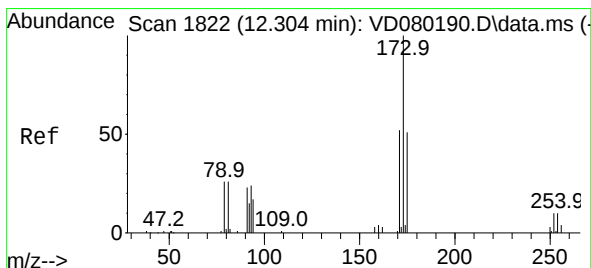
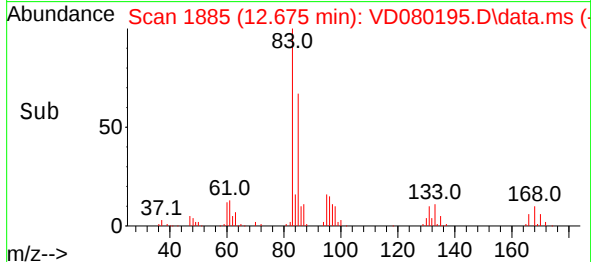
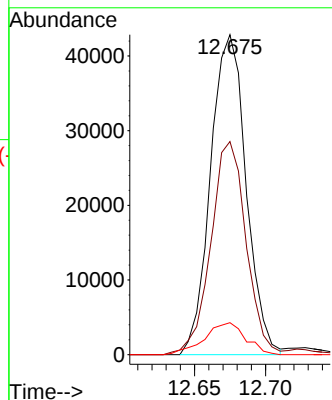
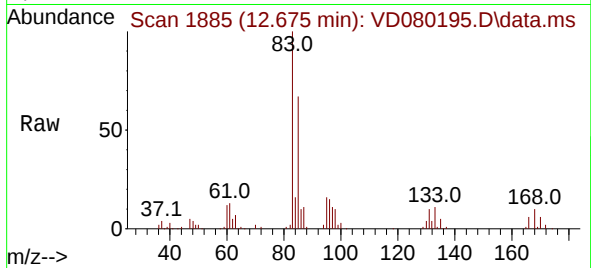
Tgt Ion: 83 Resp: 74631

Ion Ratio Lower Upper

83 100

85 66.6 40.7 75.5

131 10.0 6.2 9.2#



#59

Bromoform

Concen: 20.628 ug/L

RT: 12.299 min Scan# 1821

Delta R.T. -0.006 min

Lab File: VD080195.D

Acq: 09 Jan 2025 15:04

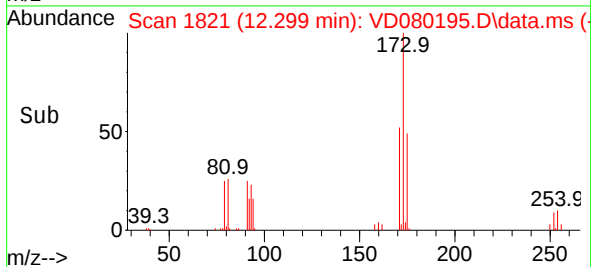
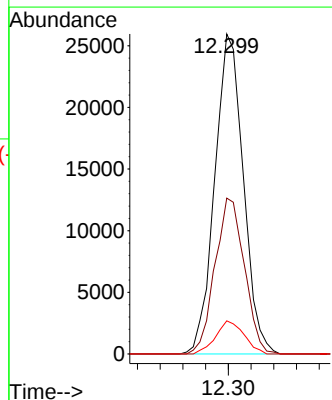
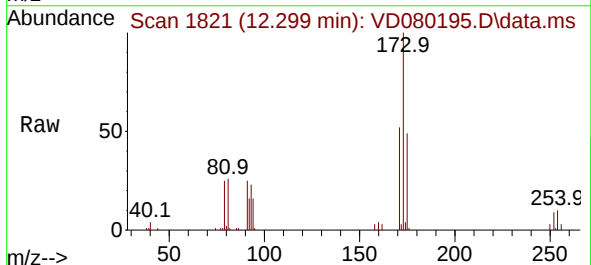
Tgt Ion:173 Resp: 45348

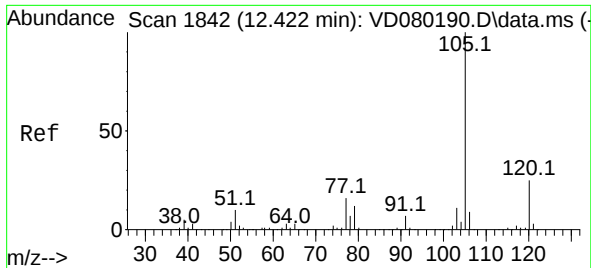
Ion Ratio Lower Upper

173 100

175 50.1 38.2 57.4

254 10.3 8.3 12.5

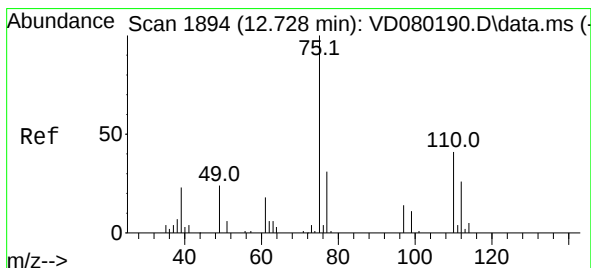
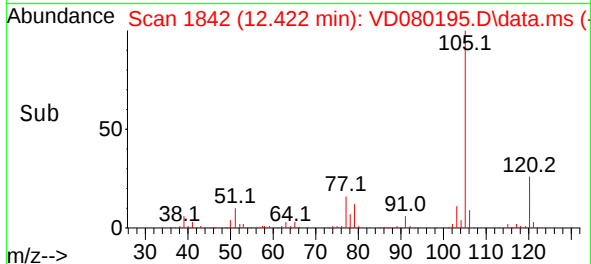
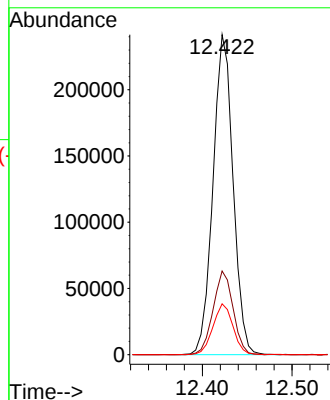
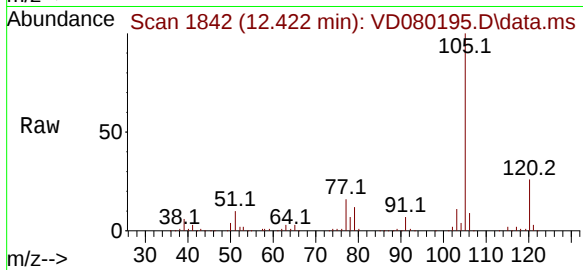




#60
Isopropylbenzene
Concen: 21.937 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD080195.D
Acq: 09 Jan 2025 15:04

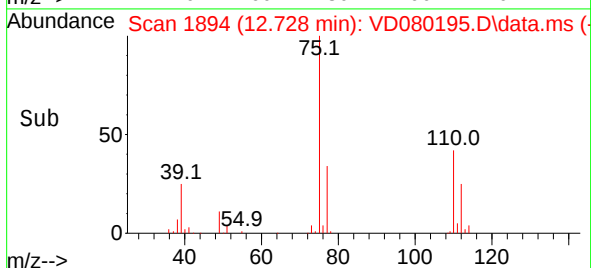
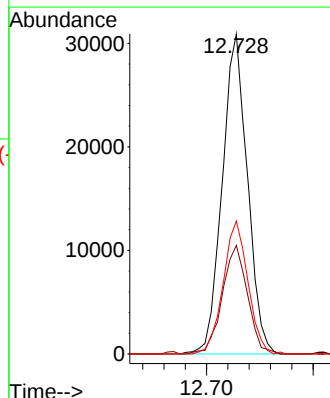
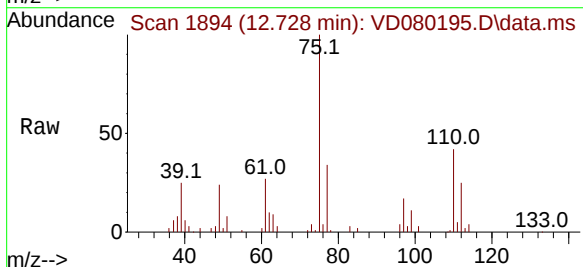
Instrument :
MSVOA_D
ClientSampleId :

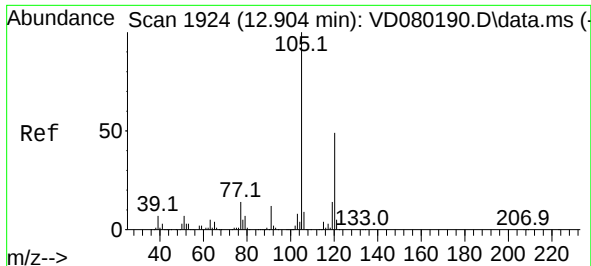
Tgt Ion:105 Resp: 374843
Ion Ratio Lower Upper
105 100
120 26.0 20.6 30.8
77 15.9 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 19.568 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD080195.D
Acq: 09 Jan 2025 15:04

Tgt Ion: 75 Resp: 50696
Ion Ratio Lower Upper
75 100
77 33.6 25.7 38.5
110 40.8 31.5 47.3





#62

1,3,5-Trimethylbenzene

Concen: 21.302 ug/L

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD080195.D

Acq: 09 Jan 2025 15:04

Instrument :

MSVOA_D

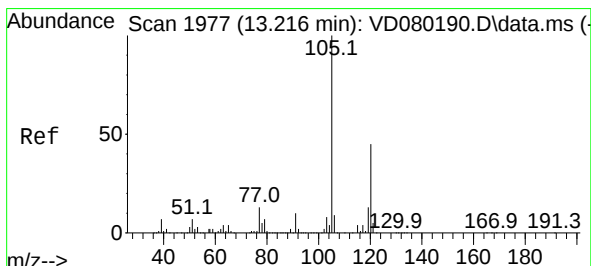
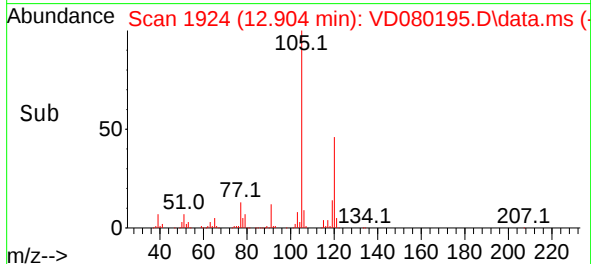
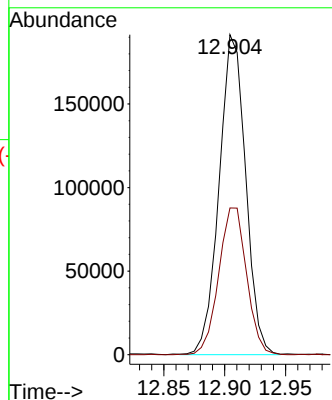
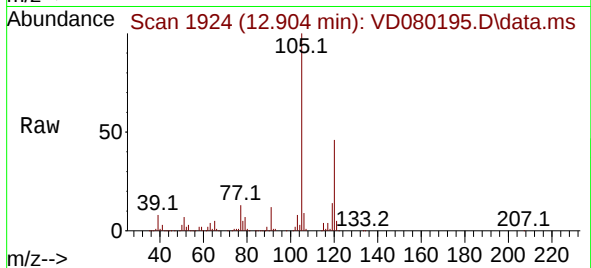
ClientSampleId :

Tgt Ion:105 Resp: 290070

Ion Ratio Lower Upper

105 100

120 48.3 38.9 58.3



#63

1,2,4-Trimethylbenzene

Concen: 21.897 ug/L

RT: 13.216 min Scan# 1977

Delta R.T. 0.000 min

Lab File: VD080195.D

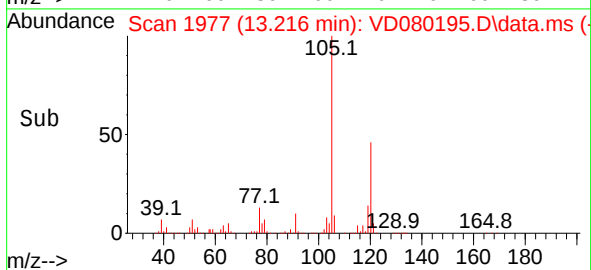
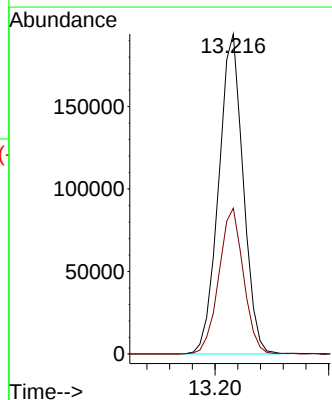
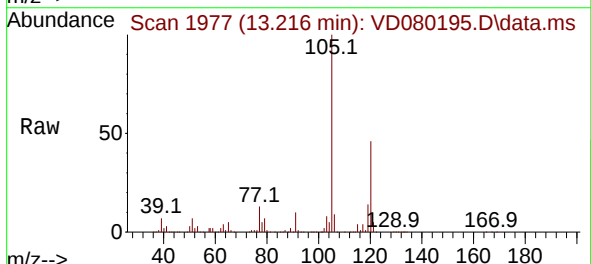
Acq: 09 Jan 2025 15:04

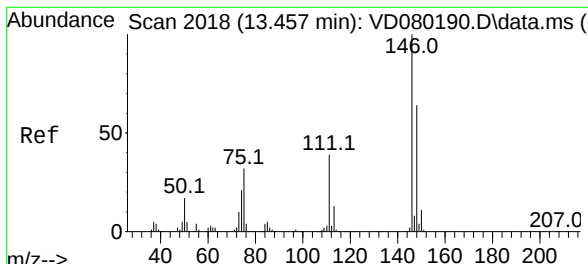
Tgt Ion:105 Resp: 290880

Ion Ratio Lower Upper

105 100

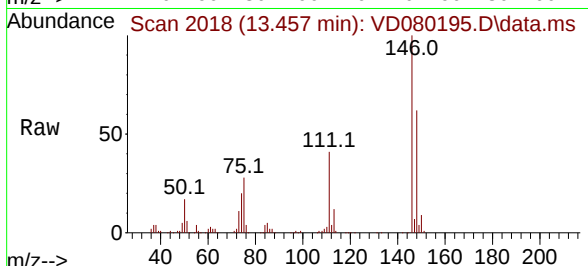
120 45.7 36.1 54.1



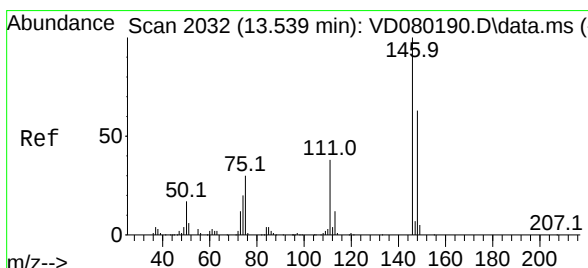
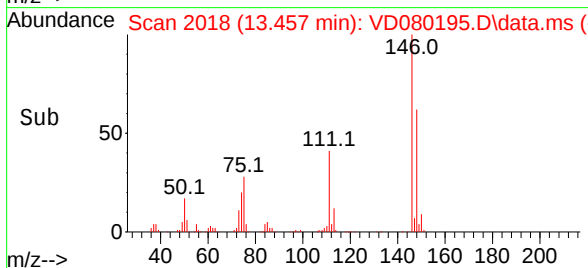
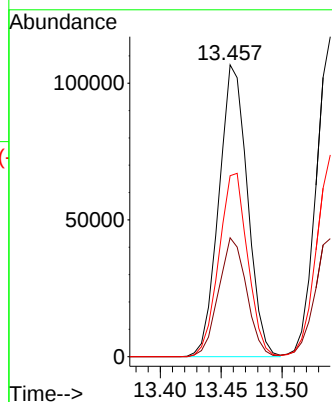


#64
 1,3-Dichlorobenzene
 Concen: 20.870 ug/L
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD080195.D
 Acq: 09 Jan 2025 15:04

Instrument :
 MSVOA_D
 ClientSampleId :

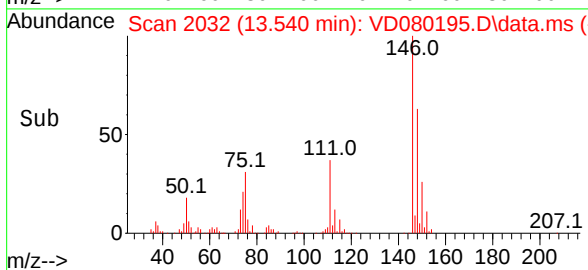
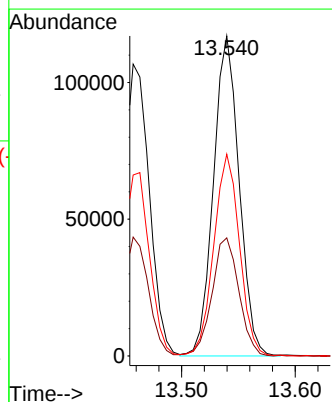
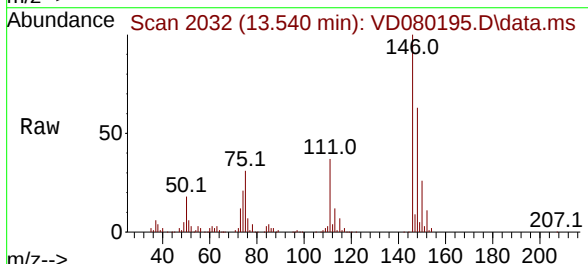


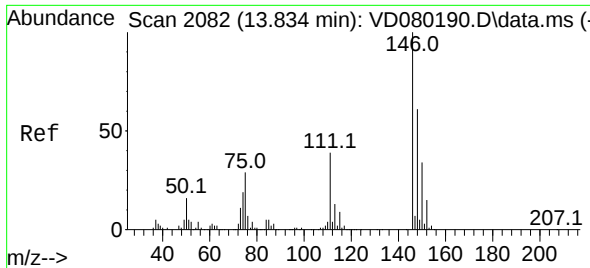
Tgt Ion:146 Resp: 174446
 Ion Ratio Lower Upper
 146 100
 111 40.8 27.2 50.6
 148 62.0 44.8 83.2



#65
 1,4-Dichlorobenzene
 Concen: 21.314 ug/L
 RT: 13.540 min Scan# 2032
 Delta R.T. 0.000 min
 Lab File: VD080195.D
 Acq: 09 Jan 2025 15:04

Tgt Ion:146 Resp: 183954
 Ion Ratio Lower Upper
 146 100
 111 36.9 26.7 49.7
 148 63.0 44.1 81.9





#67

1,2-Dichlorobenzene

Concen: 20.665 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

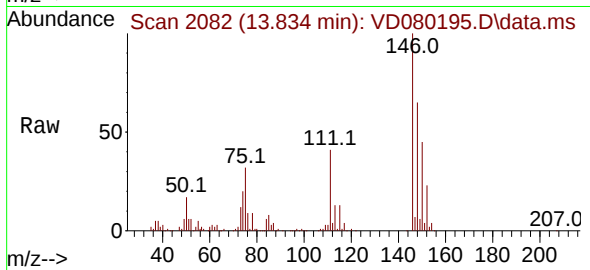
Lab File: VD080195.D

Acq: 09 Jan 2025 15:04

Instrument :

MSVOA_D

ClientSampleId :



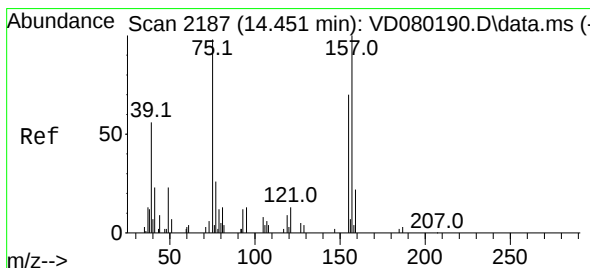
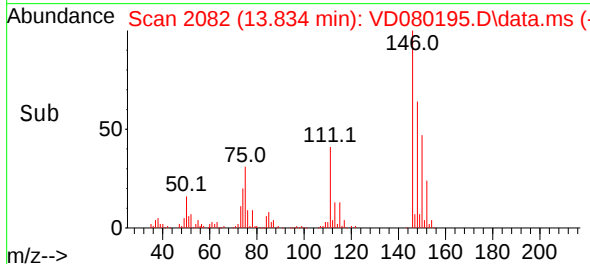
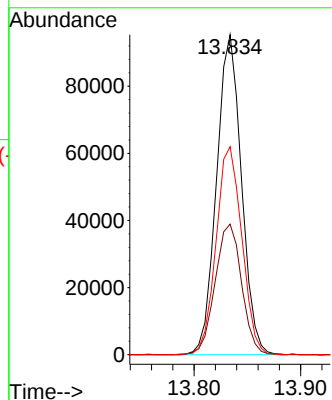
Tgt Ion:146 Resp: 154723

Ion Ratio Lower Upper

146 100

111 40.8 31.4 47.0

148 65.0 48.8 73.2



#68

1,2-Dibromo-3-chloropropane

Concen: 18.759 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD080195.D

Acq: 09 Jan 2025 15:04

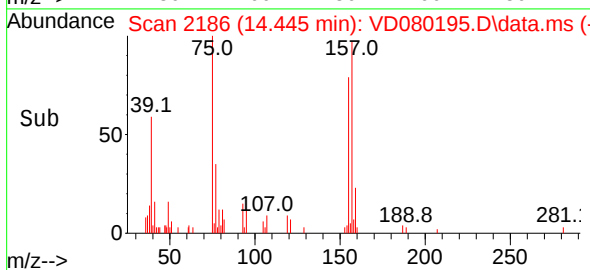
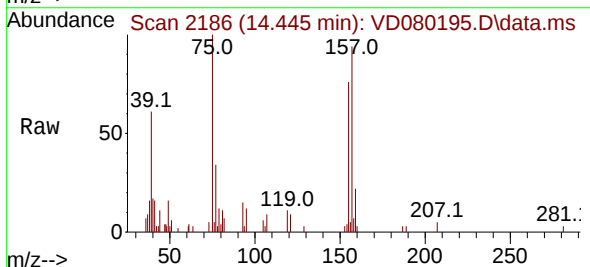
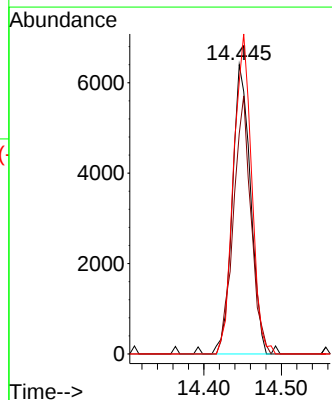
Tgt Ion: 75 Resp: 10568

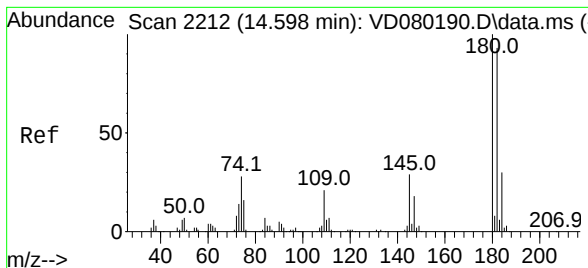
Ion Ratio Lower Upper

75 100

155 76.2 57.3 85.9

157 94.1 82.0 123.0





#69

1,3,5-Trichlorobenzene

Concen: 20.414 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. -0.006 min

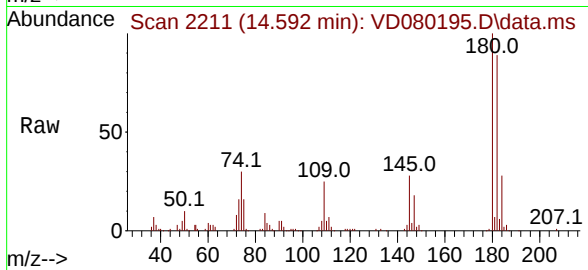
Lab File: VD080195.D

Acq: 09 Jan 2025 15:04

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 116031

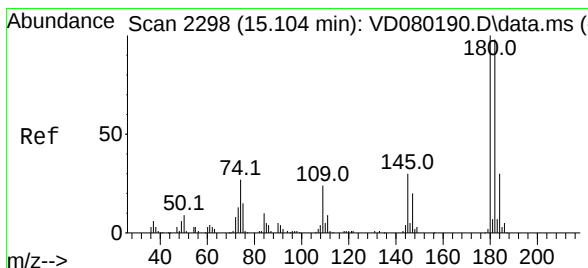
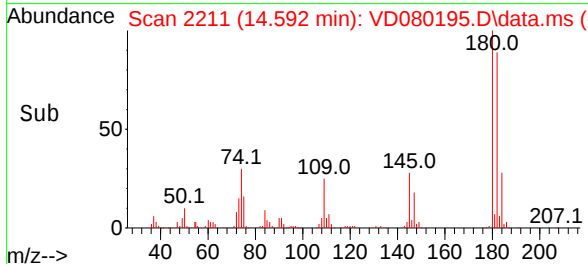
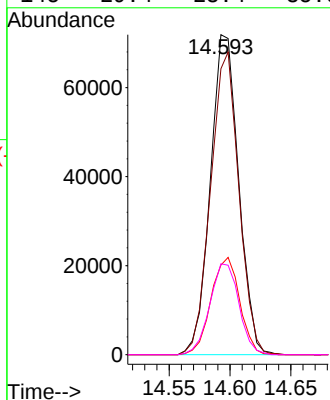
Ion Ratio Lower Upper

180 100

182 94.4 75.4 113.0

184 30.8 24.0 36.0

145 29.4 23.4 35.0



#70

1,2,4-trichlorobenzene

Concen: 19.786 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. -0.006 min

Lab File: VD080195.D

Acq: 09 Jan 2025 15:04

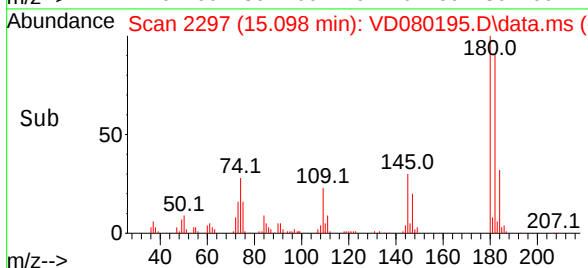
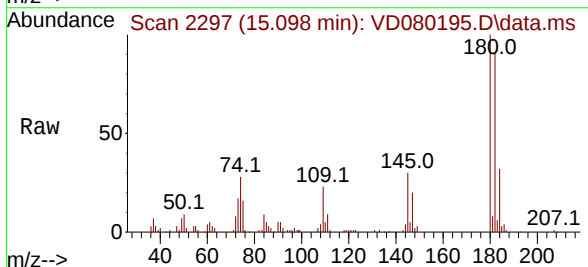
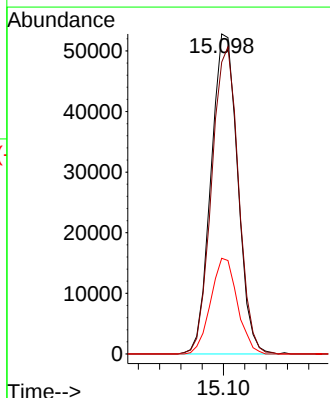
Tgt Ion:180 Resp: 91769

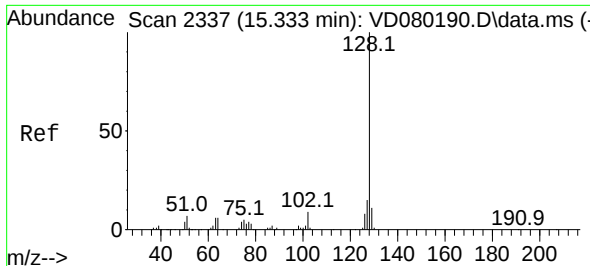
Ion Ratio Lower Upper

180 100

182 96.2 76.9 115.3

145 29.9 23.5 35.3



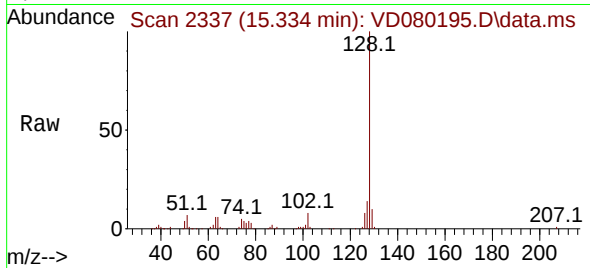


#71
Naphthalene
Concen: 19.658 ug/L
RT: 15.334 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD080195.D
Acq: 09 Jan 2025 15:04

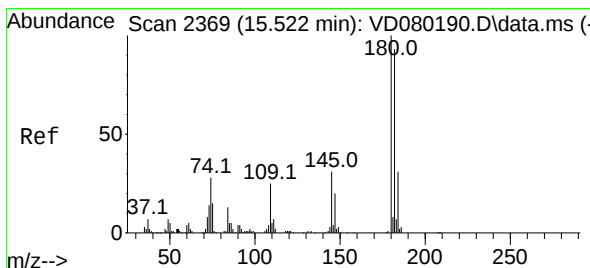
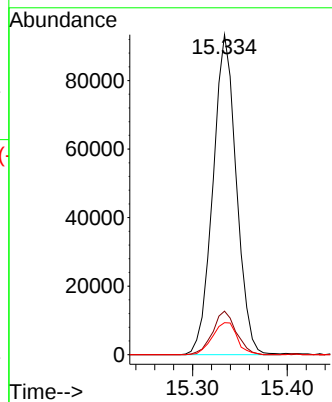
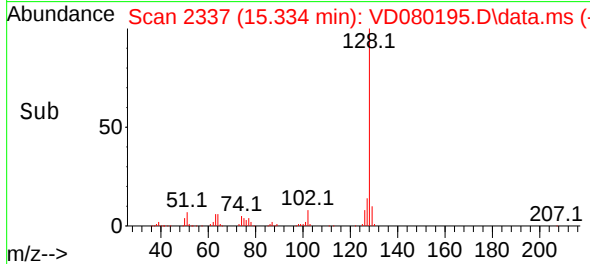
Instrument :

MSVOA_D

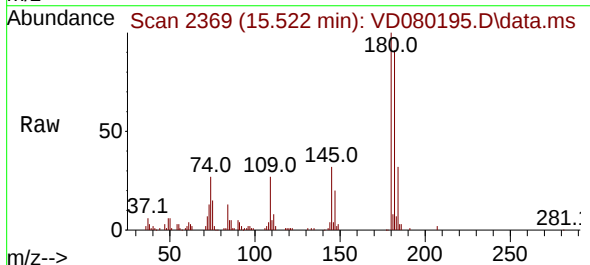
ClientSampleId :



Tgt Ion:128 Resp: 160426
Ion Ratio Lower Upper
128 100
127 13.7 11.5 17.3
129 10.6 9.0 13.6



#72
1,2,3-Trichlorobenzene
Concen: 20.426 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD080195.D
Acq: 09 Jan 2025 15:04



Tgt Ion:180 Resp: 87992
Ion Ratio Lower Upper
180 100
182 93.3 74.8 112.2
145 30.6 24.2 36.4

