

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120423\
 Data File : VD077744.D
 Acq On : 04 Dec 2023 17:03
 Operator : JC/SY
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 05 00:07:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 05 00:04:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	293365	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	282063	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	144599	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	128864	16.108	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.440%
7) Chloroethane-d5	2.811	69	117863	18.483	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.920%
11) 1,1-Dichloroethene-d2	3.928	65	35499	17.113	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.440%
21) 2-Butanone-d5	6.987	46	48215	47.685	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.380%
24) Chloroform-d	7.575	84	181179	22.915	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.640%
26) 1,2-Dichloroethane-d4	8.234	65	91093	22.739	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.960%
32) Benzene-d6	8.204	84	355595	20.932	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.720%
36) 1,2-Dichloropropane-d6	9.210	67	111621	21.535	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.160%
41) Toluene-d8	10.269	98	333535	21.331	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.320%
43) trans-1,3-Dichloroprop...	10.528	79	51377	22.415	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.680%
47) 2-Hexanone-d5	10.881	63	43239	48.411	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.820%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	93008	24.832	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.320%
66) 1,2-Dichlorobenzene-d4	13.816	152	120966	23.384	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.940	85	99123	21.165	ug/L	98
3) Chloromethane	2.152	50	136446	20.279	ug/L	100
5) Vinyl chloride	2.287	62	174600	20.834	ug/L	97
6) Bromomethane	2.699	94	90281	20.335	ug/L	98
8) Chloroethane	2.846	64	118211	22.597	ug/L	96
9) Trichlorofluoromethane	3.187	101	154955	21.679	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.975	101	95618	22.676	ug/L	98
12) 1,1-Dichloroethene	3.952	96	87834	22.010	ug/L	94
13) Acetone	4.022	43	53546	41.333	ug/L	71
14) Carbon disulfide	4.281	76	316245	22.362	ug/L	99
15) Methyl Acetate	4.569	43	45253	24.402	ug/L	98
16) Methylene chloride	4.810	84	106744	20.492	ug/L	94
17) trans-1,2-Dichloroethene	5.316	96	99441	23.900	ug/L	98
18) Methyl tert-butyl Ether	5.322	73	229006	24.968	ug/L	98
19) 1,1-Dichloroethane	6.122	63	185828	23.698	ug/L	98
20) cis-1,2-Dichloroethene	7.081	96	113214	24.486	ug/L	95
22) 2-Butanone	7.087	43	64280	44.086	ug/L #	61
23) Bromochloromethane	7.434	128	51467	26.738	ug/L	88
25) Chloroform	7.599	83	189414	24.535	ug/L	92

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 Response via : Initial Calibration

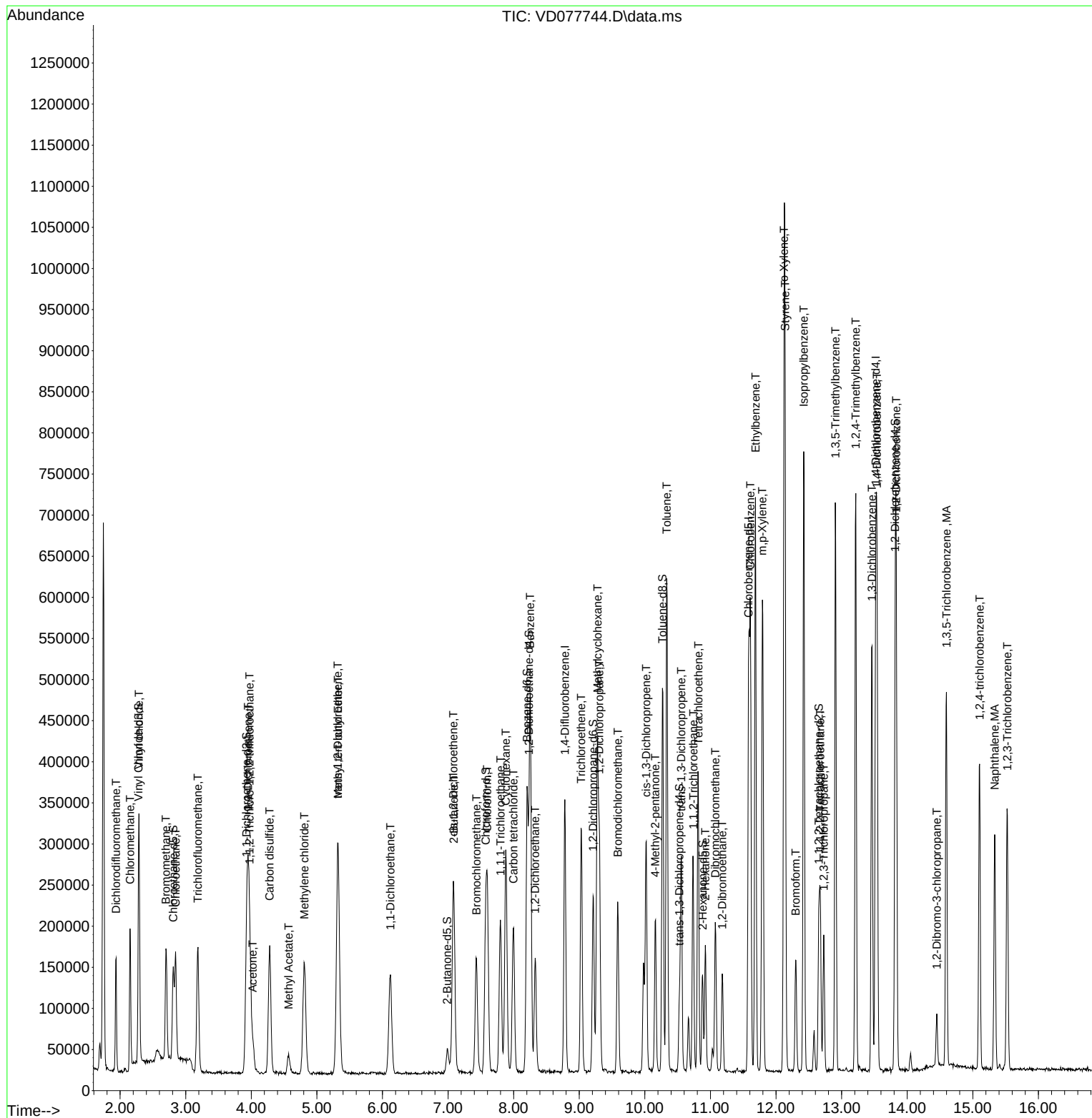
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	121604	25.182	ug/L	98
29) Cyclohexane	7.881	56	152136	20.440	ug/L	94
30) 1,1,1-Trichloroethane	7.799	97	153910	22.299	ug/L	99
31) Carbon tetrachloride	7.999	117	140201	23.099	ug/L	100
33) Benzene	8.251	78	425729	23.189	ug/L	100
34) Trichloroethene	9.028	95	106741	23.422	ug/L	97
35) Methylcyclohexane	9.281	83	171298	21.173	ug/L	96
37) 1,2-Dichloropropane	9.304	63	112031	23.405	ug/L	100
38) Bromodichloromethane	9.587	83	139964	24.046	ug/L	99
39) cis-1,3-Dichloropropene	10.022	75	177963	23.808	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	123527	46.766	ug/L	95
42) Toluene	10.334	91	455427	23.355	ug/L	97
44) trans-1,3-Dichloropropene	10.557	75	151742	24.304	ug/L	99
45) 1,1,2-Trichloroethane	10.740	97	81985	25.503	ug/L	95
46) Tetrachloroethene	10.816	164	83820	22.809	ug/L	98
48) 2-Hexanone	10.922	43	97549	43.449	ug/L	97
49) Dibromochloromethane	11.075	129	95947	25.101	ug/L	96
50) 1,2-Dibromoethane	11.181	107	80152	25.853	ug/L #	99
51) Chlorobenzene	11.610	112	291740	24.128	ug/L	97
52) Ethylbenzene	11.687	91	496464	22.967	ug/L	98
53) m,p-Xylene	11.792	106	188584	23.088	ug/L	98
54) o-Xylene	12.122	106	187369	23.969	ug/L	93
55) Styrene	12.140	104	336373	24.592	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.675	83	97139	25.501	ug/L #	93
59) Bromoform	12.298	173	62862	26.274	ug/L #	98
60) Isopropylbenzene	12.422	105	488219	22.621	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	67539	25.393	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	371798	22.936	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	381903	23.236	ug/L	99
64) 1,3-Dichlorobenzene	13.463	146	223188	23.912	ug/L	99
65) 1,4-Dichlorobenzene	13.539	146	234188	24.179	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	202836	24.150	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.451	75	14908	23.771	ug/L #	79
69) 1,3,5-Trichlorobenzene	14.598	180	144204	22.689	ug/L	99
70) 1,2,4-trichlorobenzene	15.104	180	124538	23.081	ug/L	99
71) Naphthalene	15.333	128	243600	24.695	ug/L	99
72) 1,2,3-Trichlorobenzene	15.528	180	112940	23.877	ug/L	97

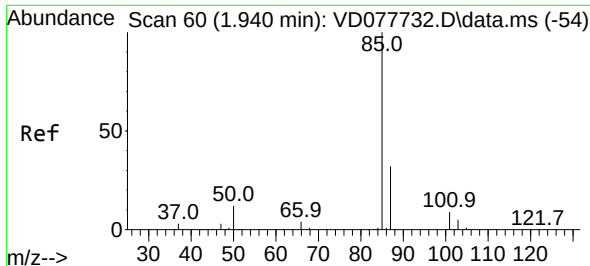
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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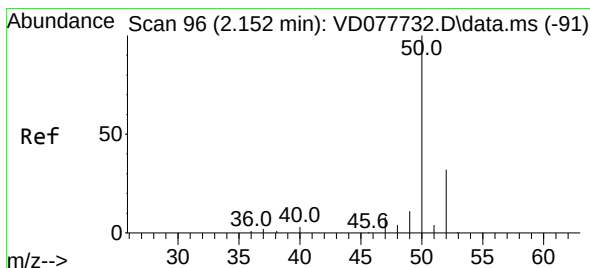
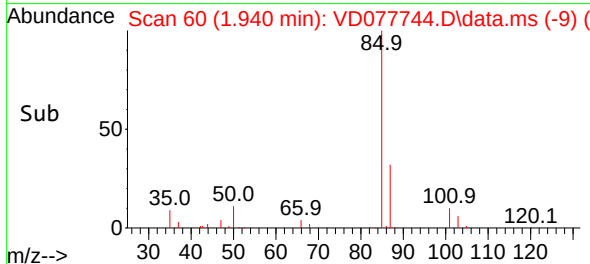
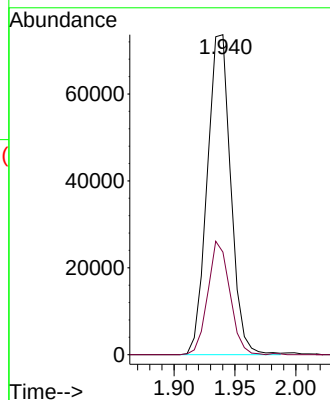
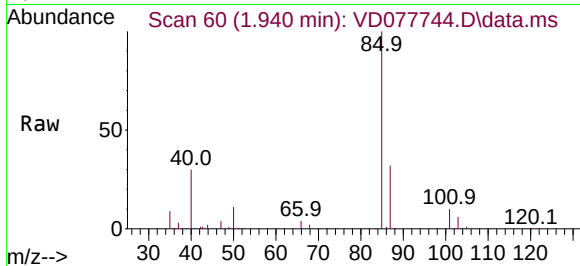




#2
 Dichlorodifluoromethane
 Concen: 21.165 ug/L
 RT: 1.940 min Scan# 60
 Delta R.T. 0.000 min
 Lab File: VD077744.D
 Acq: 04 Dec 2023 17:03

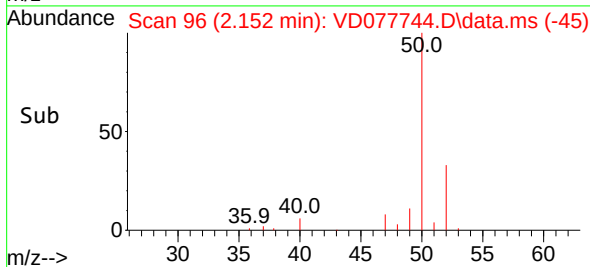
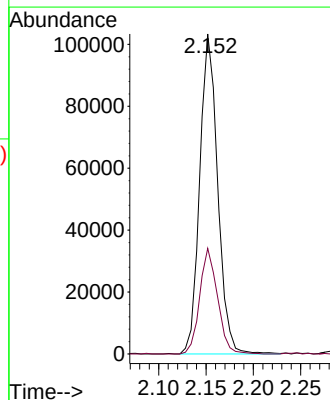
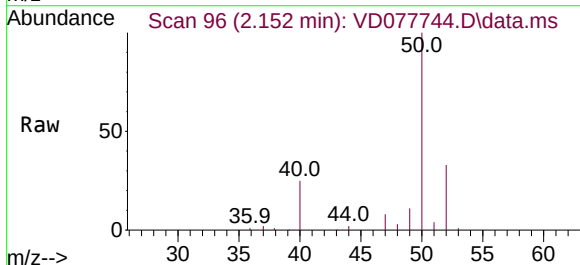
Instrument :
 MSVOA_D
 ClientSampleId :

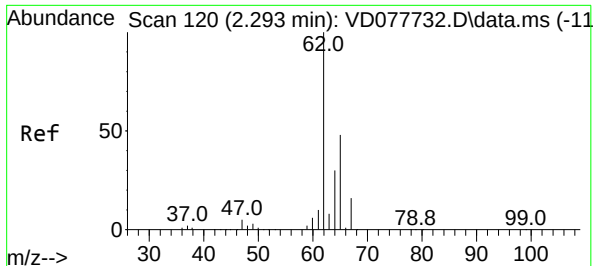
Tgt Ion: 85 Resp: 99123
 Ion Ratio Lower Upper
 85 100
 87 33.1 25.6 38.4



#3
 Chloromethane
 Concen: 20.279 ug/L
 RT: 2.152 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VD077744.D
 Acq: 04 Dec 2023 17:03

Tgt Ion: 50 Resp: 136446
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.2 43.2

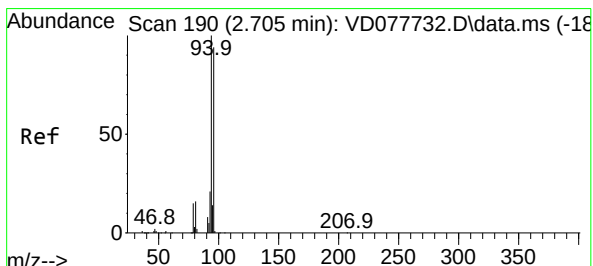
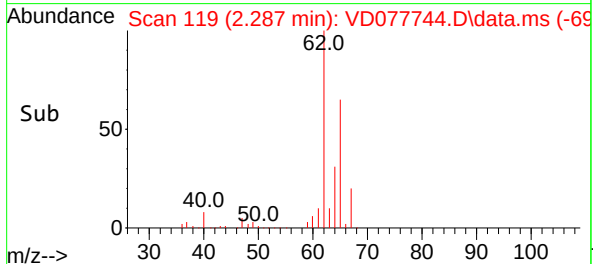
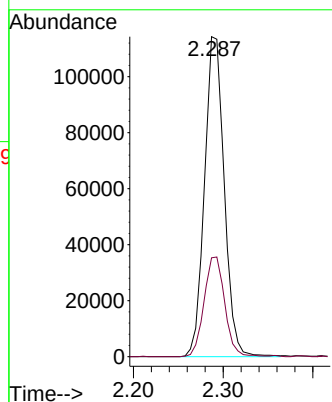
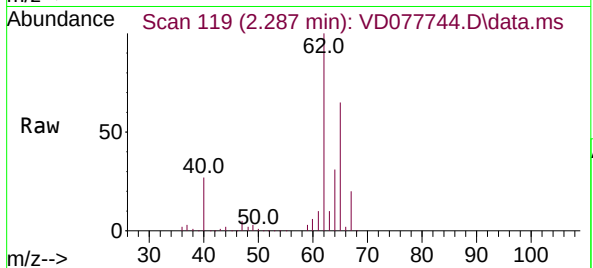




#5
 Vinyl chloride
 Concen: 20.834 ug/L
 RT: 2.287 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VD077744.D
 Acq: 04 Dec 2023 17:03

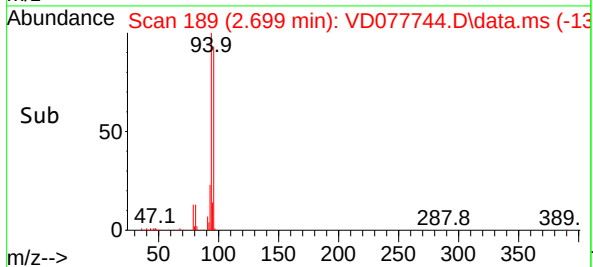
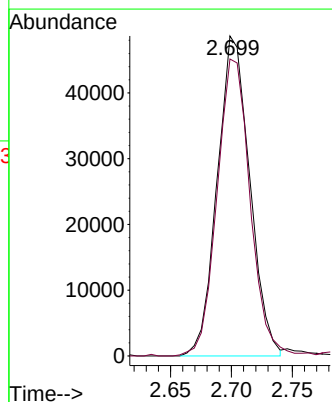
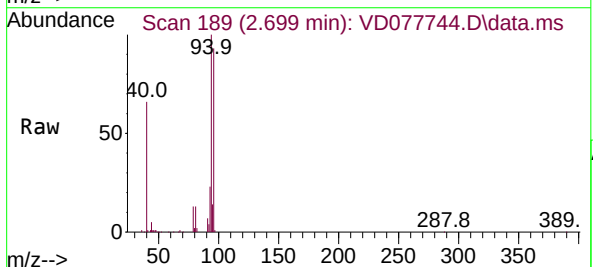
Instrument :
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 ClientSampleId :

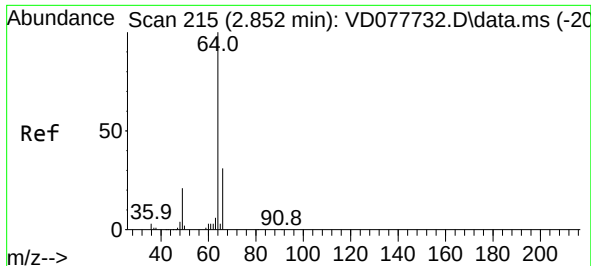
Tgt Ion: 62 Resp: 174600
 Ion Ratio Lower Upper
 62 100
 64 30.9 22.6 42.0



#6
 Bromomethane
 Concen: 20.335 ug/L
 RT: 2.699 min Scan# 189
 Delta R.T. -0.006 min
 Lab File: VD077744.D
 Acq: 04 Dec 2023 17:03

Tgt Ion: 94 Resp: 90281
 Ion Ratio Lower Upper
 94 100
 96 92.8 66.0 122.6





#8

Chloroethane

Concen: 22.597 ug/L

RT: 2.846 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD077744.D

Acq: 04 Dec 2023 17:03

Instrument :

MSVOA_D

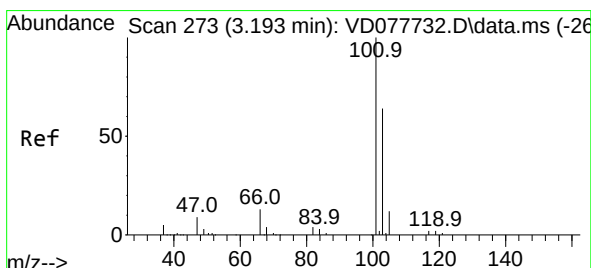
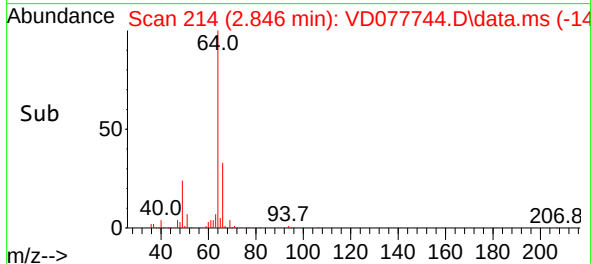
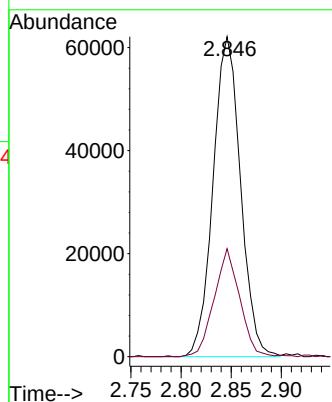
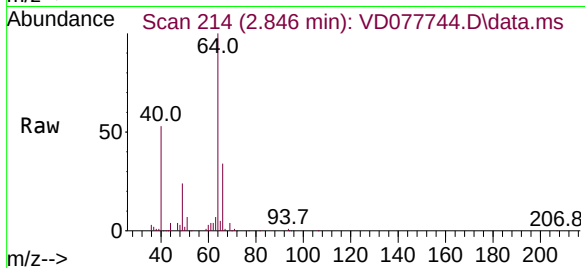
ClientSampleId :

Tgt Ion: 64 Resp: 118211

Ion Ratio Lower Upper

64 100

66 33.7 22.0 41.0



#9

Trichlorofluoromethane

Concen: 21.679 ug/L

RT: 3.187 min Scan# 272

Delta R.T. -0.006 min

Lab File: VD077744.D

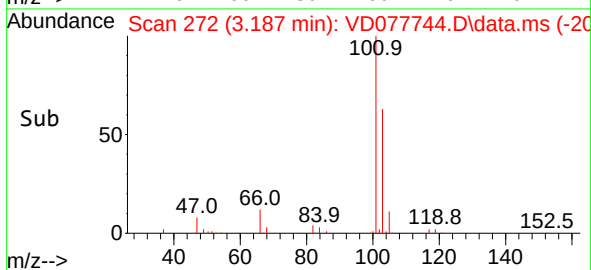
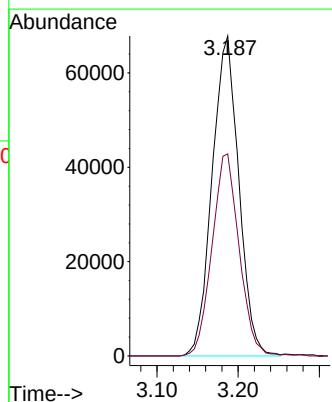
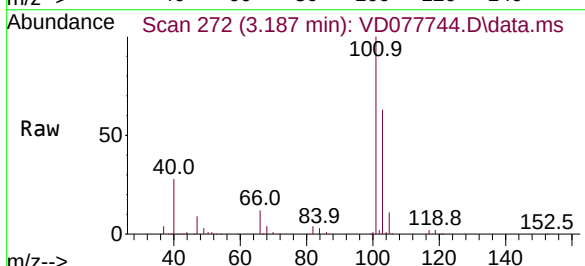
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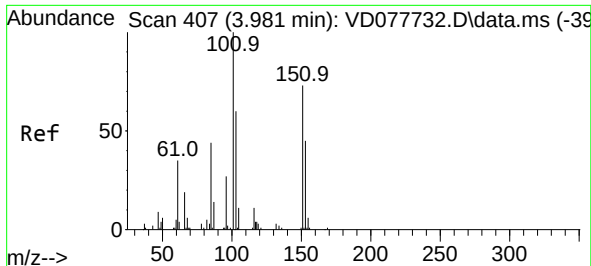
Tgt Ion:101 Resp: 154955

Ion Ratio Lower Upper

101 100

103 64.1 52.5 78.7

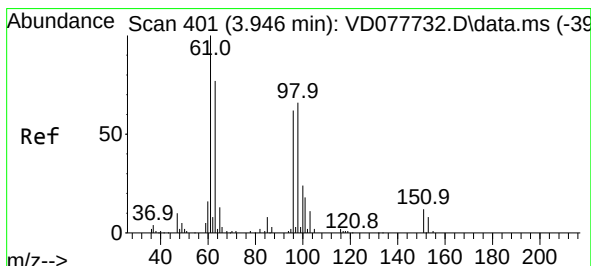
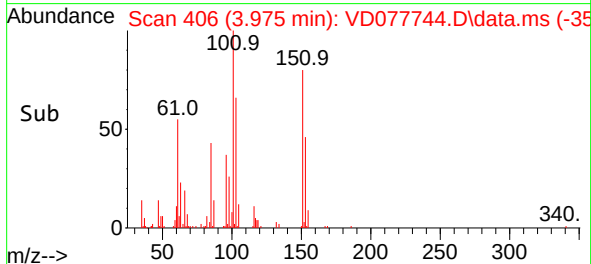
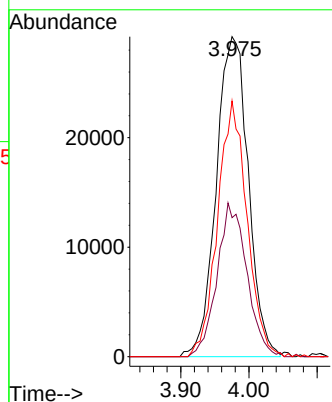
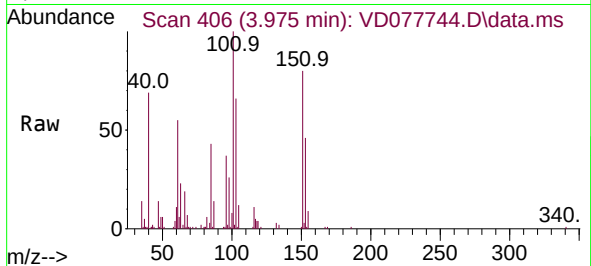




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.676 ug/L
 RT: 3.975 min Scan# 406
 Delta R.T. -0.006 min
 Lab File: VD077744.D
 Acq: 04 Dec 2023 17:03

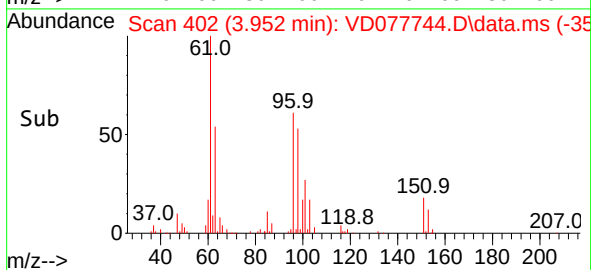
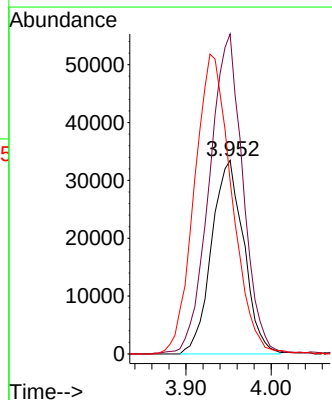
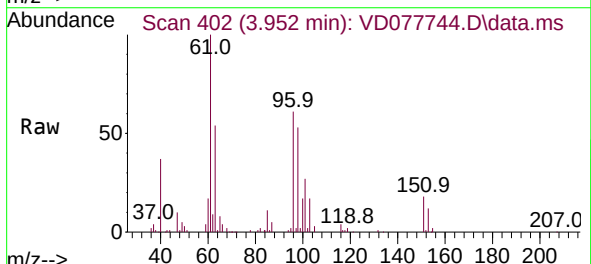
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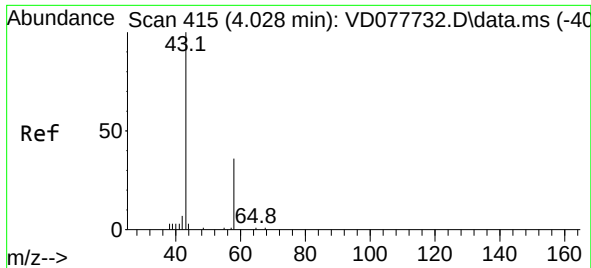
Tgt Ion:101 Resp: 95618
 Ion Ratio Lower Upper
 101 100
 85 44.4 35.8 53.6
 151 73.2 57.0 85.6



#12
 1,1-Dichloroethene
 Concen: 22.010 ug/L
 RT: 3.952 min Scan# 402
 Delta R.T. 0.006 min
 Lab File: VD077744.D
 Acq: 04 Dec 2023 17:03

Tgt Ion: 96 Resp: 87834
 Ion Ratio Lower Upper
 96 100
 61 165.3 108.6 201.6
 63 89.4 60.3 111.9





#13

Acetone

Concen: 41.333 ug/L

RT: 4.022 min Scan# 41

Delta R.T. -0.006 min

Lab File: VD077744.D

Acq: 04 Dec 2023 17:03

Instrument :

MSVOA_D

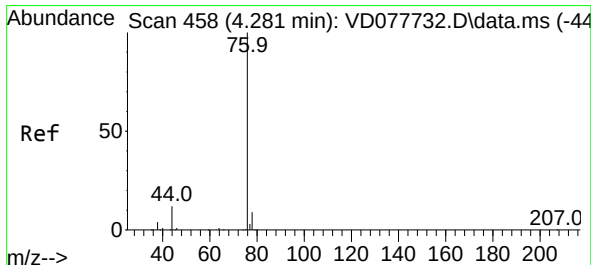
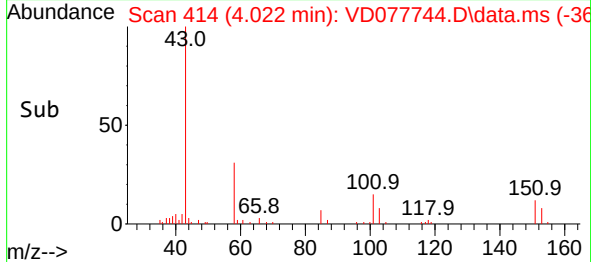
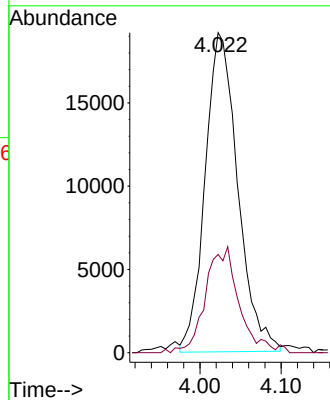
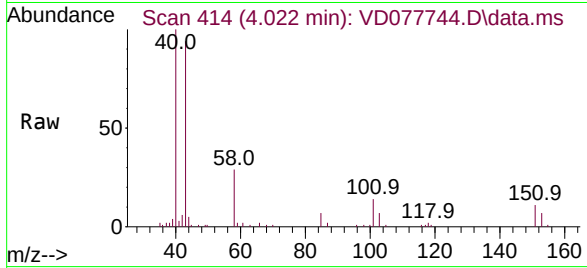
ClientSampleId :

Tgt Ion: 43 Resp: 53546

Ion Ratio Lower Upper

43 100

58 17.2 0.0 67.2



#14

Carbon disulfide

Concen: 22.362 ug/L

RT: 4.281 min Scan# 458

Delta R.T. 0.000 min

Lab File: VD077744.D

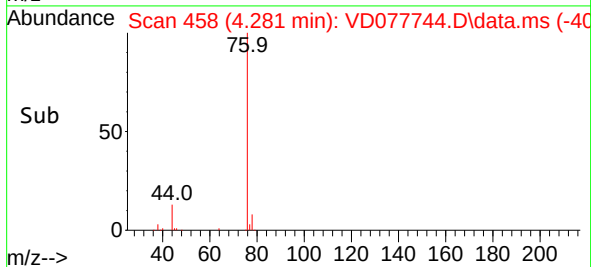
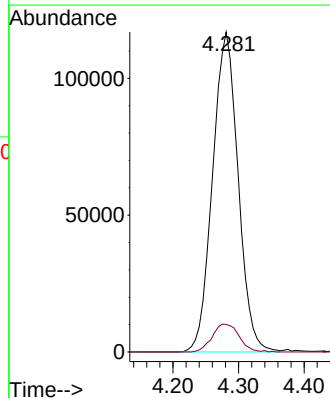
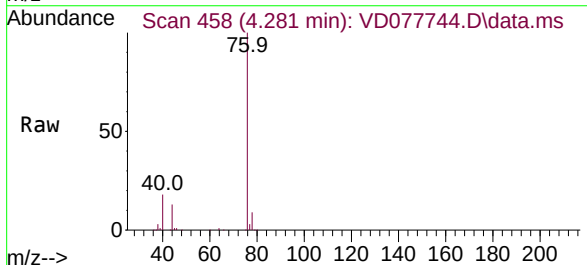
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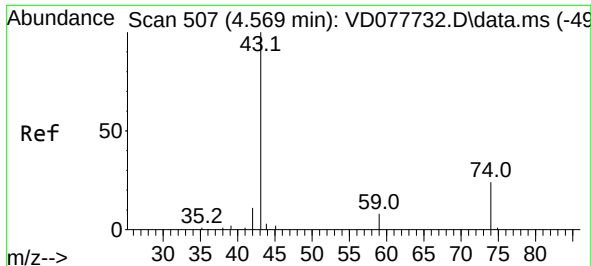
Tgt Ion: 76 Resp: 316245

Ion Ratio Lower Upper

76 100

78 8.6 7.2 10.8

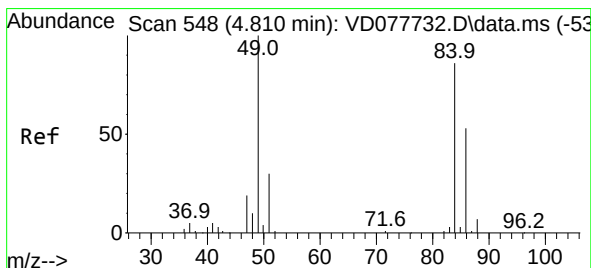
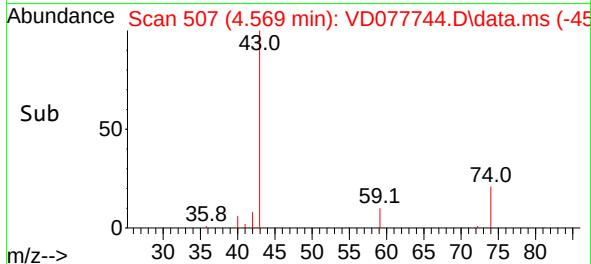
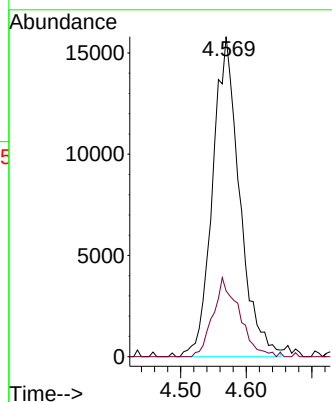
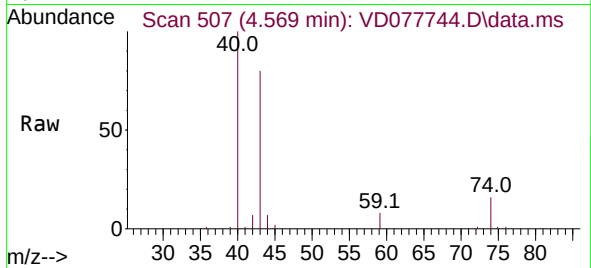




#15
Methyl Acetate
Concen: 24.402 ug/L
RT: 4.569 min Scan# 507
Delta R.T. 0.000 min
Lab File: VD077744.D
Acq: 04 Dec 2023 17:03

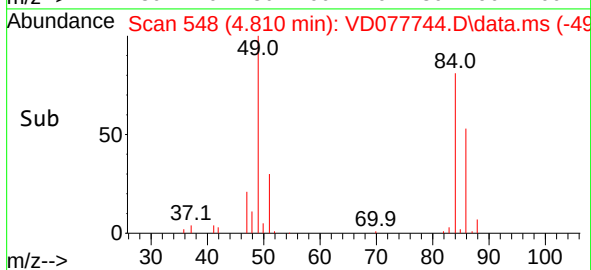
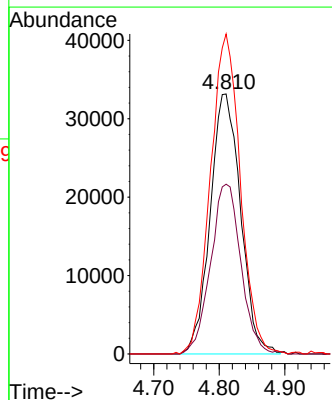
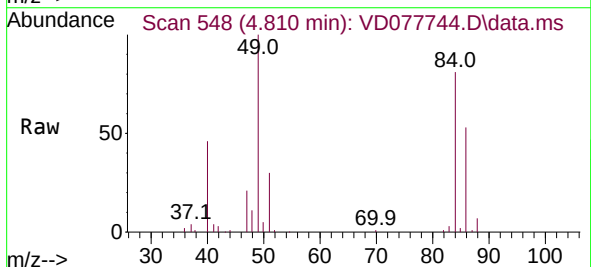
Instrument :
MSVOA_D
ClientSampleId :

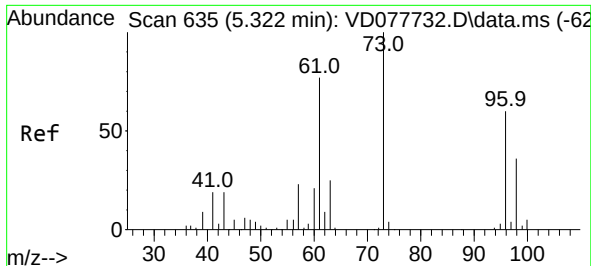
Tgt Ion: 43 Resp: 45253
Ion Ratio Lower Upper
43 100
74 24.0 18.6 27.8



#16
Methylene chloride
Concen: 20.492 ug/L
RT: 4.810 min Scan# 548
Delta R.T. 0.000 min
Lab File: VD077744.D
Acq: 04 Dec 2023 17:03

Tgt Ion: 84 Resp: 106744
Ion Ratio Lower Upper
84 100
86 65.3 40.1 74.5
49 123.1 83.2 154.6





#17

trans-1,2-Dichloroethene

Concen: 23.900 ug/L

RT: 5.316 min Scan# 61

Delta R.T. -0.006 min

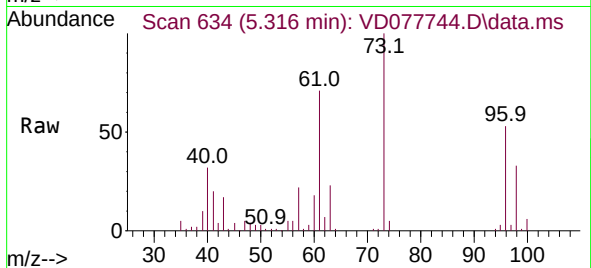
Lab File: VD077744.D

Acq: 04 Dec 2023 17:03

Instrument :

MSVOA_D

ClientSampleId :



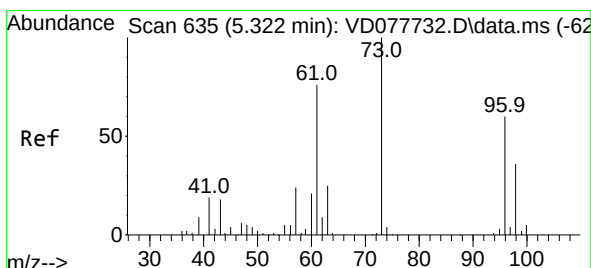
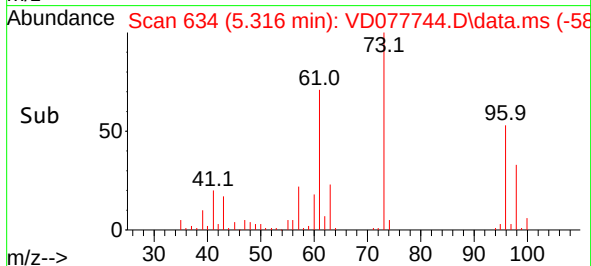
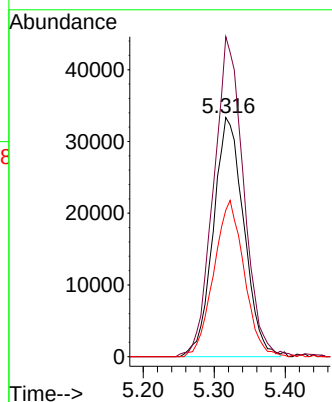
Tgt Ion: 96 Resp: 99441

Ion Ratio Lower Upper

96 100

61 133.7 92.3 171.3

98 61.3 44.7 82.9



#18

Methyl tert-butyl Ether

Concen: 24.968 ug/L

RT: 5.322 min Scan# 635

Delta R.T. 0.000 min

Lab File: VD077744.D

Acq: 04 Dec 2023 17:03

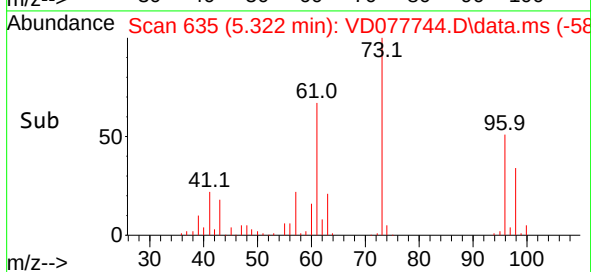
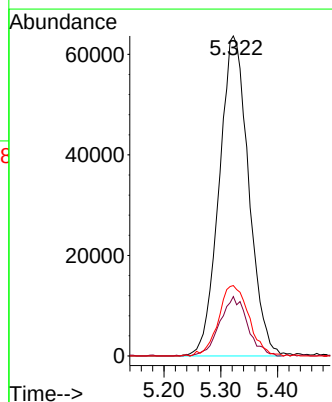
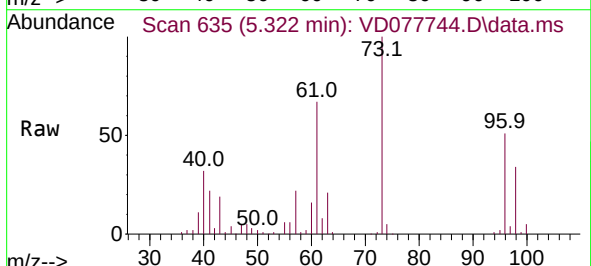
Tgt Ion: 73 Resp: 229006

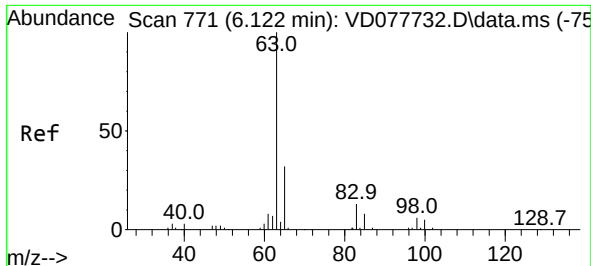
Ion Ratio Lower Upper

73 100

43 16.7 15.0 22.4

57 22.3 18.1 27.1





#19

1,1-Dichloroethane

Concen: 23.698 ug/L

RT: 6.122 min Scan# 71

Delta R.T. 0.000 min

Lab File: VD077744.D

Acq: 04 Dec 2023 17:03

Instrument :

MSVOA_D

ClientSampleId :

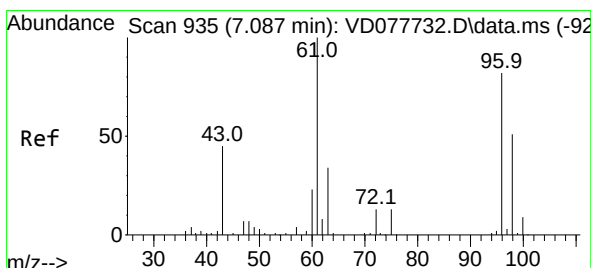
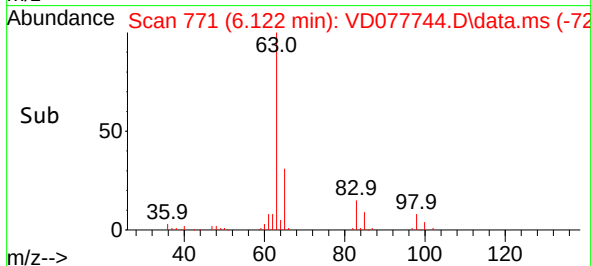
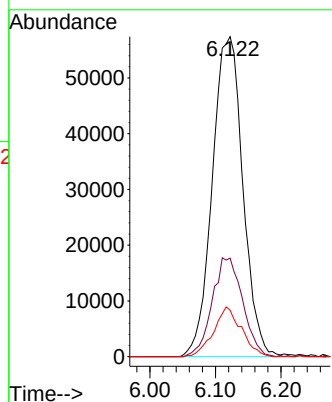
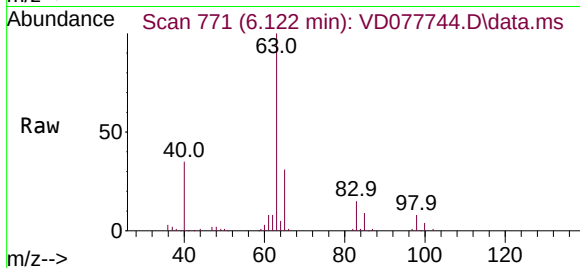
Tgt Ion: 63 Resp: 185828

Ion Ratio Lower Upper

63 100

65 30.8 20.9 38.9

83 14.5 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 24.486 ug/L

RT: 7.081 min Scan# 934

Delta R.T. -0.006 min

Lab File: VD077744.D

Acq: 04 Dec 2023 17:03

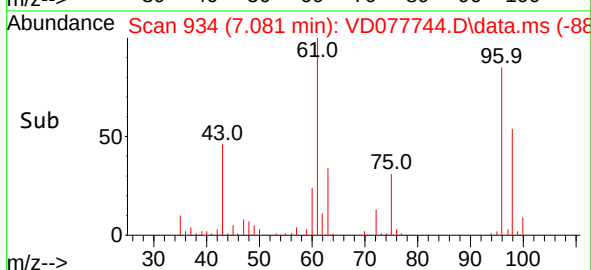
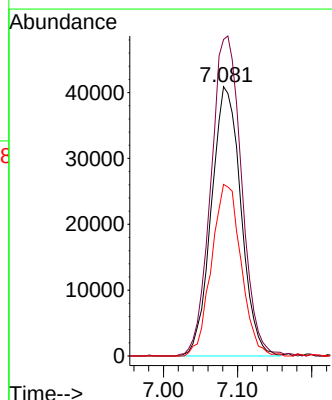
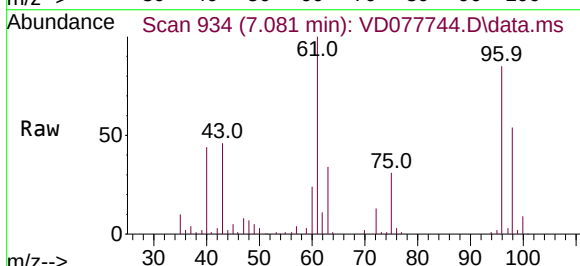
Tgt Ion: 96 Resp: 113214

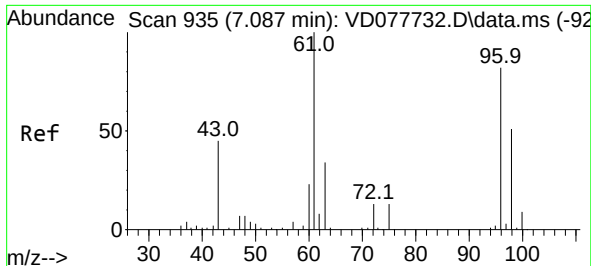
Ion Ratio Lower Upper

96 100

61 117.5 88.1 163.5

98 63.7 44.1 81.9

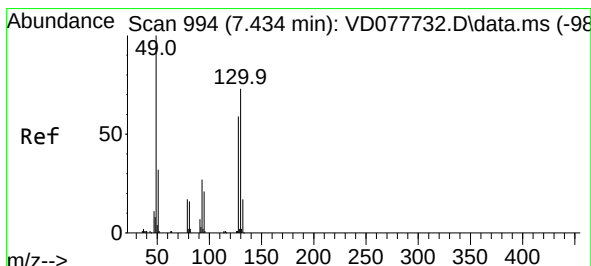
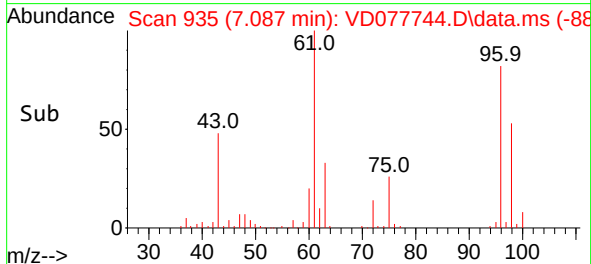
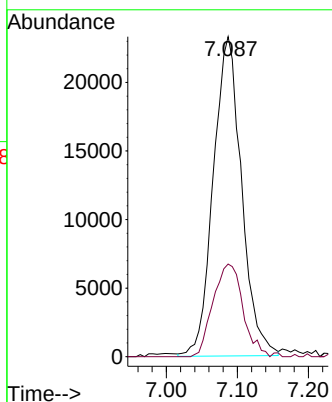
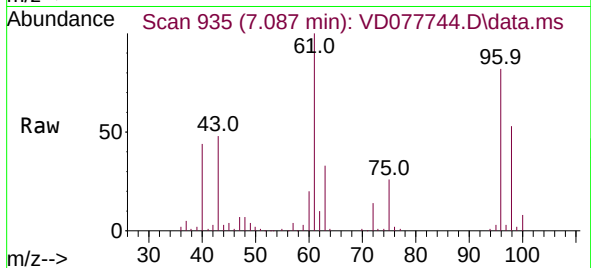




#22
2-Butanone
Concen: 44.086 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077744.D
Acq: 04 Dec 2023 17:03

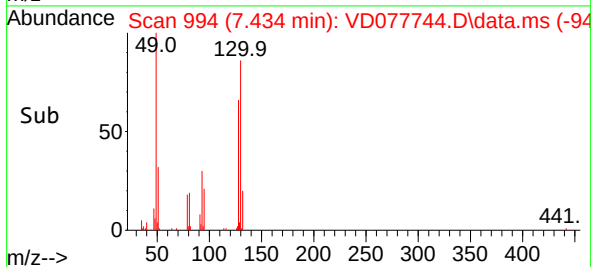
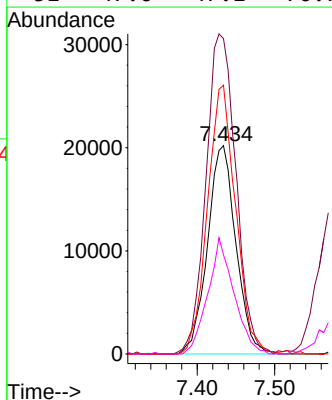
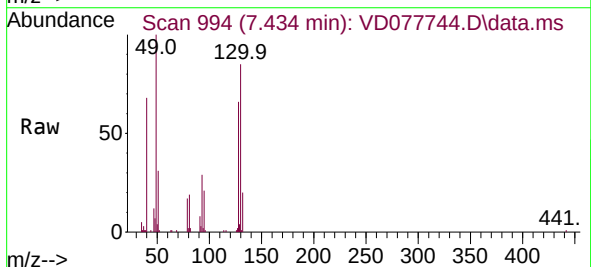
Instrument :
MSVOA_D
ClientSampleId :

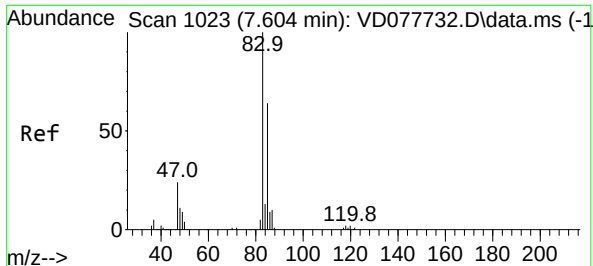
Tgt Ion: 43 Resp: 64280
Ion Ratio Lower Upper
43 100
72 30.6 7.2 21.6#



#23
Bromochloromethane
Concen: 26.738 ug/L
RT: 7.434 min Scan# 994
Delta R.T. 0.000 min
Lab File: VD077744.D
Acq: 04 Dec 2023 17:03

Tgt Ion:128 Resp: 51467
Ion Ratio Lower Upper
128 100
49 151.3 124.7 231.5
130 129.0 92.3 171.3
51 47.6 47.1 70.7





#25

Chloroform

Concen: 24.535 ug/L

RT: 7.599 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VD077744.D

Acq: 04 Dec 2023 17:03

Instrument :

MSVOA_D

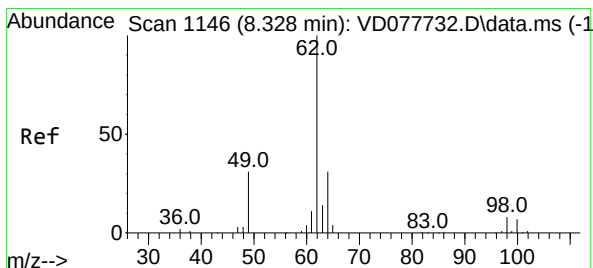
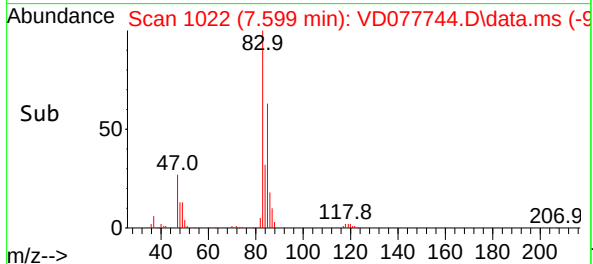
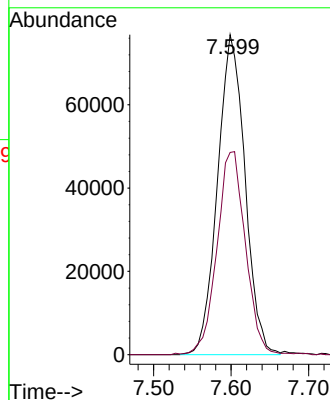
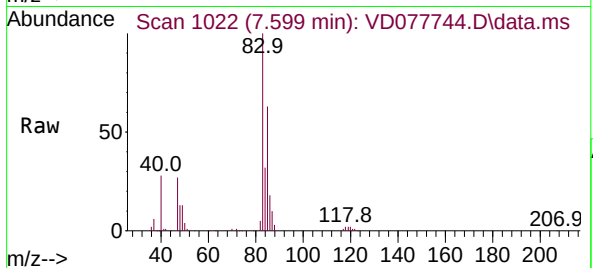
ClientSampleId :

Tgt Ion: 83 Resp: 189414

Ion Ratio Lower Upper

83 100

85 63.2 48.9 90.9



#27

1,2-Dichloroethane

Concen: 25.182 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VD077744.D

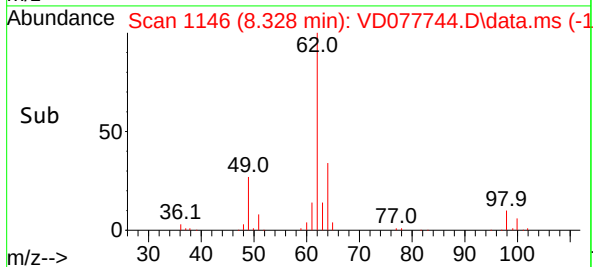
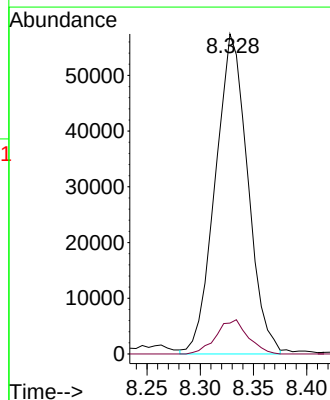
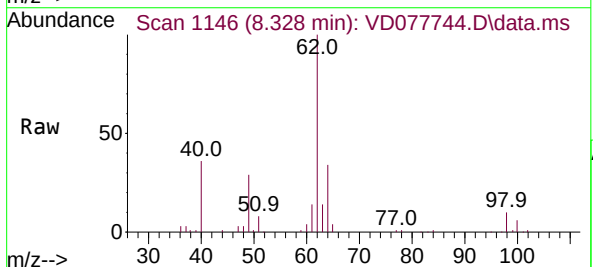
Acq: 04 Dec 2023 17:03

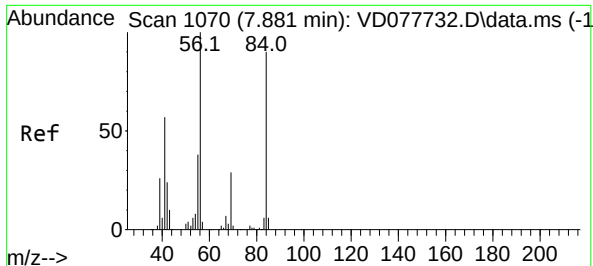
Tgt Ion: 62 Resp: 121604

Ion Ratio Lower Upper

62 100

98 9.7 8.4 12.6





#29

Cyclohexane

Concen: 20.440 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD077744.D

Acq: 04 Dec 2023 17:03

Instrument :

MSVOA_D

ClientSampleId :

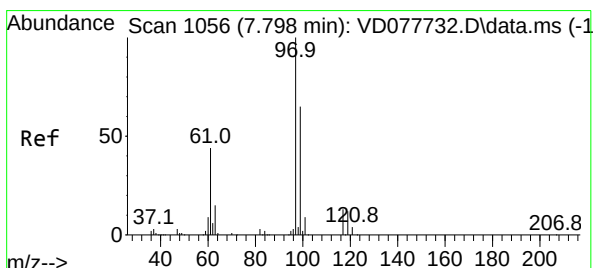
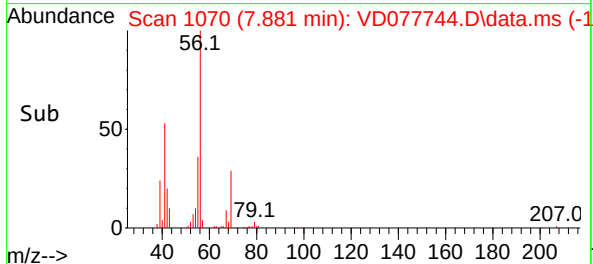
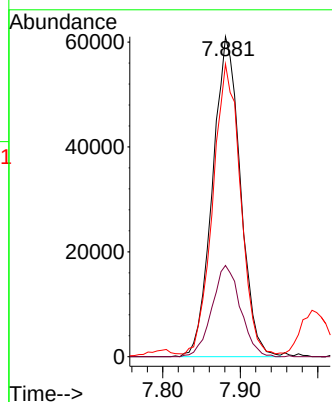
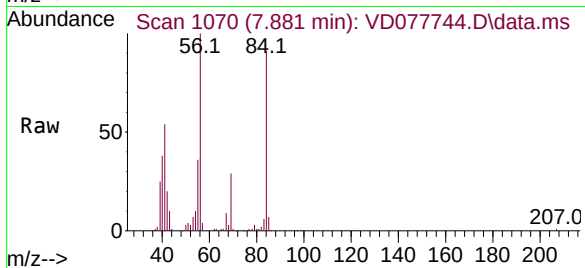
Tgt Ion: 56 Resp: 152136

Ion Ratio Lower Upper

56 100

69 29.1 22.2 33.4

84 91.6 68.5 102.7



#30

1,1,1-Trichloroethane

Concen: 22.299 ug/L

RT: 7.799 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VD077744.D

Acq: 04 Dec 2023 17:03

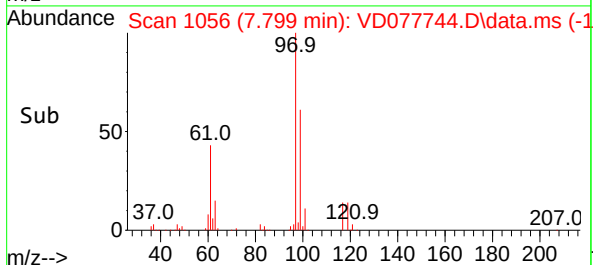
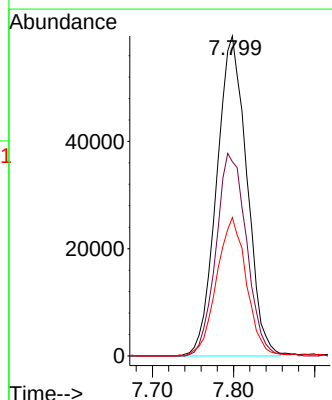
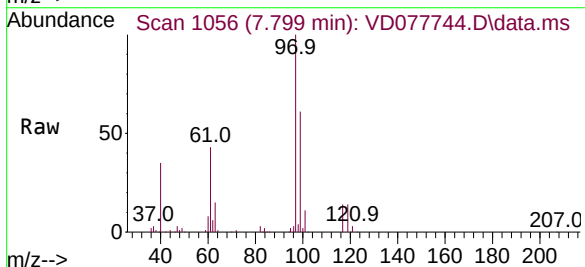
Tgt Ion: 97 Resp: 153910

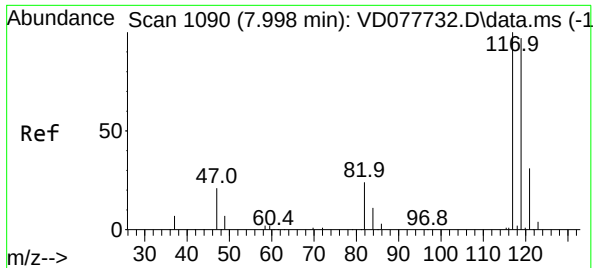
Ion Ratio Lower Upper

97 100

99 64.0 51.4 77.2

61 42.8 35.4 53.2

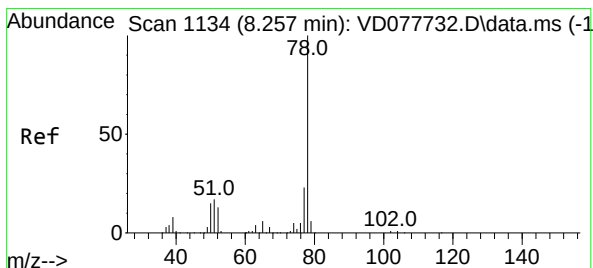
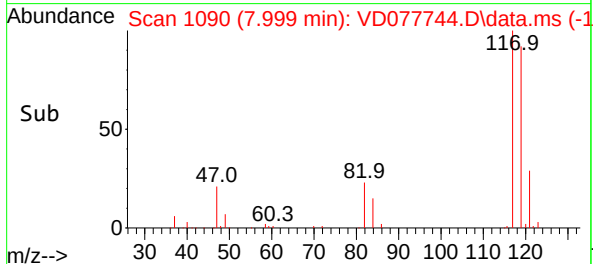
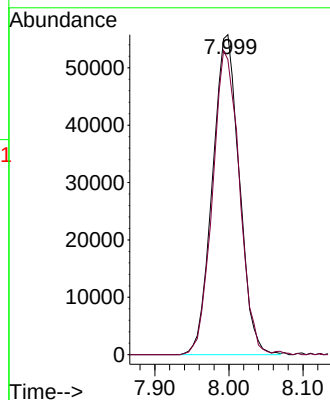
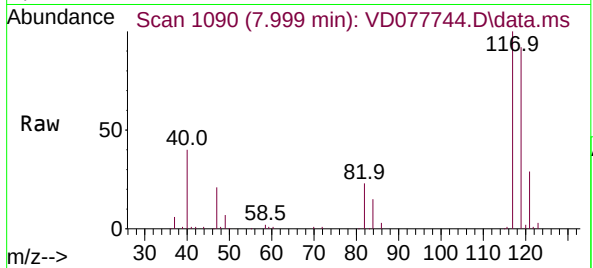




#31
Carbon tetrachloride
Concen: 23.099 ug/L
RT: 7.999 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VD077744.D
Acq: 04 Dec 2023 17:03

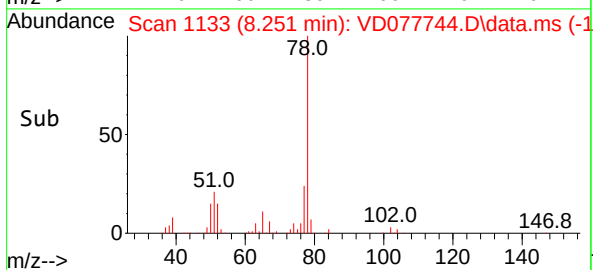
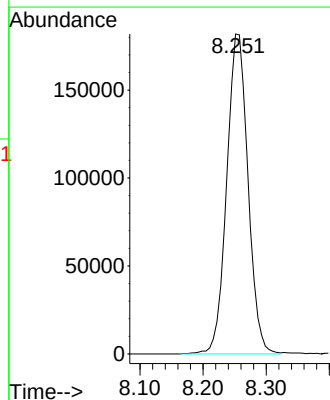
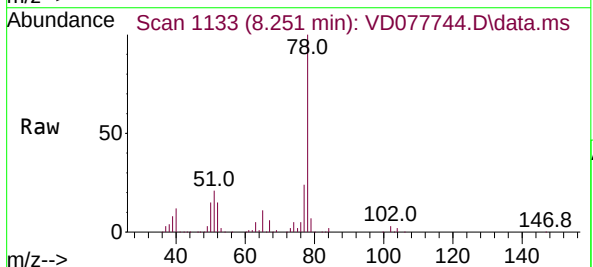
Instrument :
MSVOA_D
ClientSampleId :

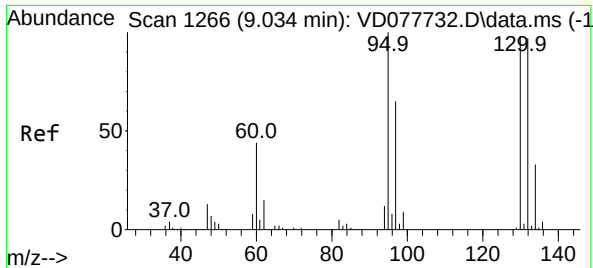
Tgt Ion:117 Resp: 140201
Ion Ratio Lower Upper
117 100
119 95.0 76.3 114.5



#33
Benzene
Concen: 23.189 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.006 min
Lab File: VD077744.D
Acq: 04 Dec 2023 17:03

Tgt Ion: 78 Resp: 425729

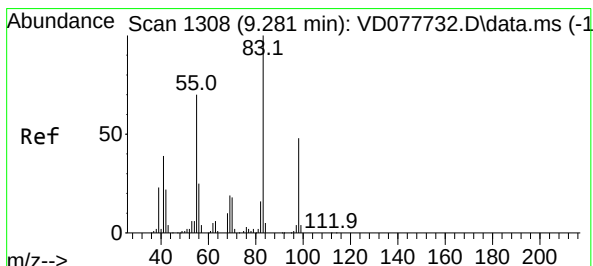
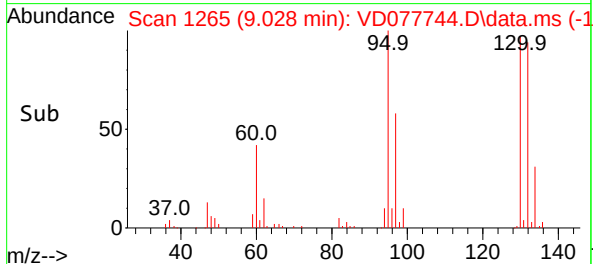
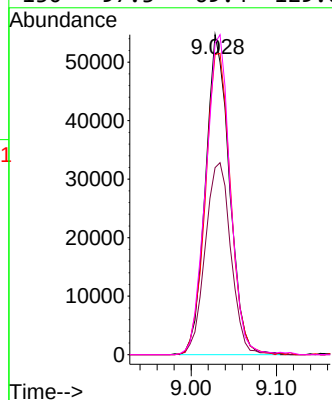
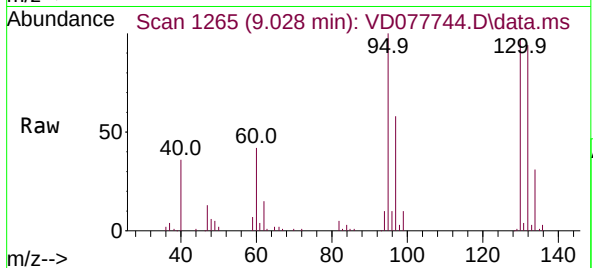




#34
Trichloroethene
Concen: 23.422 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD077744.D
Acq: 04 Dec 2023 17:03

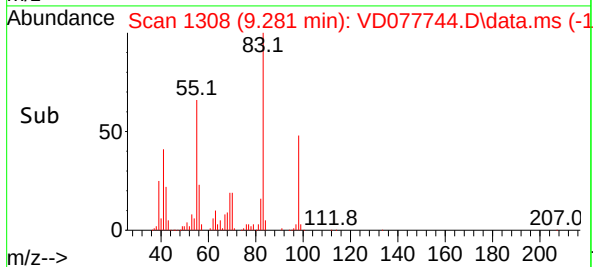
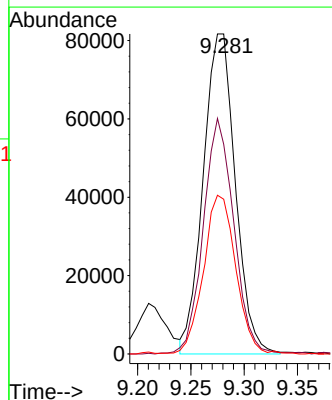
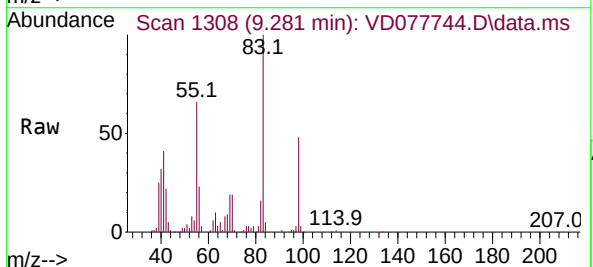
Instrument :
MSVOA_D
ClientSampleId :

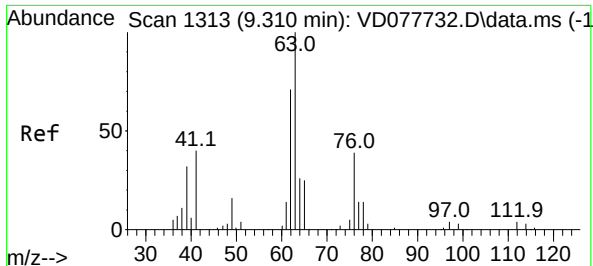
Tgt Ion: 95 Resp: 106741
Ion Ratio Lower Upper
95 100
97 58.4 44.2 82.0
132 93.7 67.5 125.3
130 97.3 69.4 129.0



#35
Methylcyclohexane
Concen: 21.173 ug/L
RT: 9.281 min Scan# 1308
Delta R.T. 0.000 min
Lab File: VD077744.D
Acq: 04 Dec 2023 17:03

Tgt Ion: 83 Resp: 171298
Ion Ratio Lower Upper
83 100
55 70.0 59.8 89.6
98 49.2 38.5 57.7





#37

1,2-Dichloropropane

Concen: 23.405 ug/L

RT: 9.304 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD077744.D

Acq: 04 Dec 2023 17:03

Instrument :

MSVOA_D

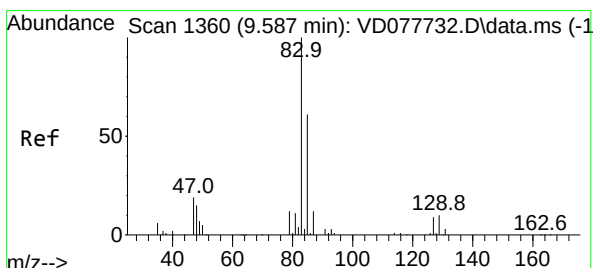
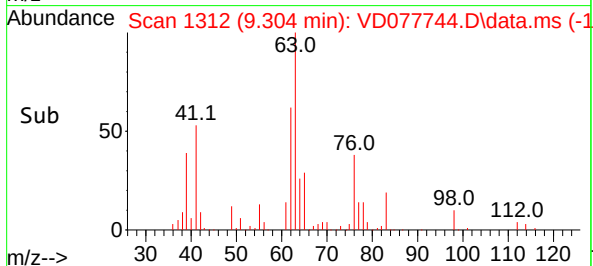
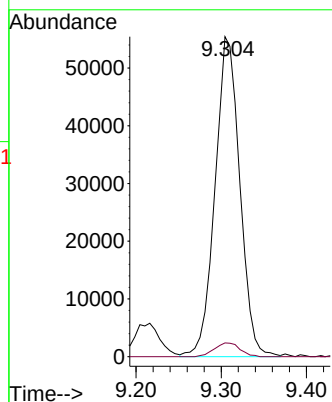
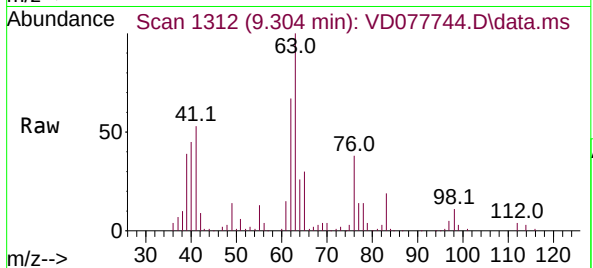
ClientSampleId :

Tgt Ion: 63 Resp: 112031

Ion Ratio Lower Upper

63 100

112 4.5 3.5 5.3



#38

Bromodichloromethane

Concen: 24.046 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. 0.000 min

Lab File: VD077744.D

Acq: 04 Dec 2023 17:03

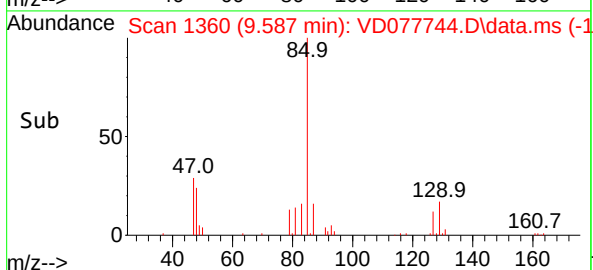
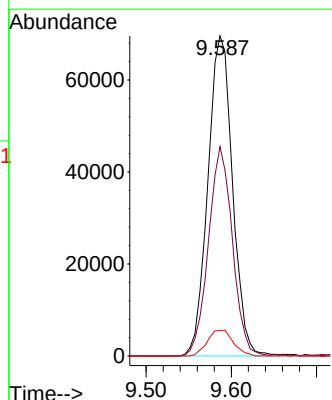
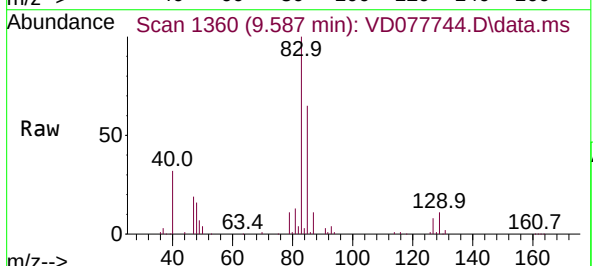
Tgt Ion: 83 Resp: 139964

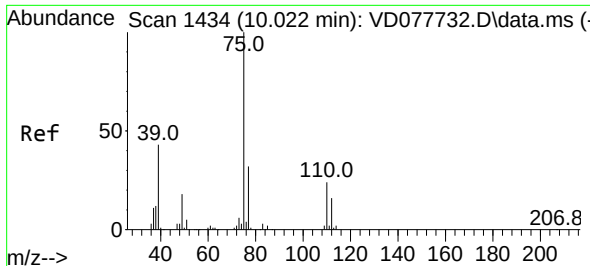
Ion Ratio Lower Upper

83 100

85 65.4 45.5 84.5

127 8.0 7.4 11.2

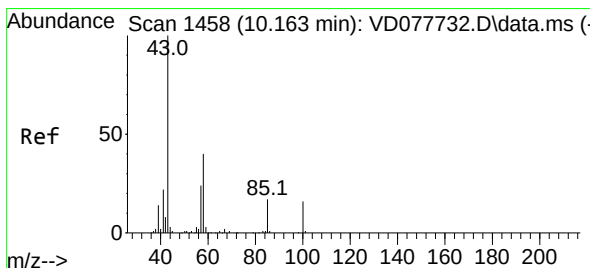
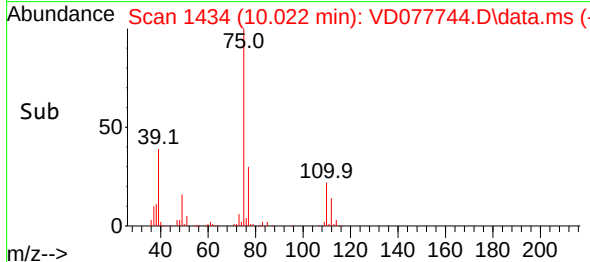
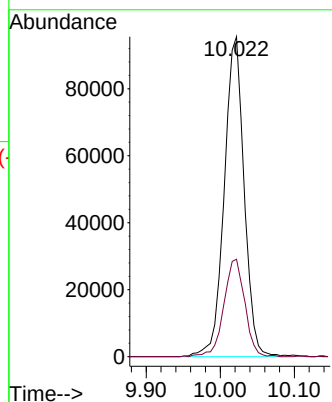
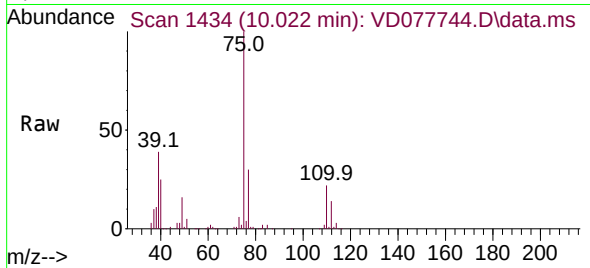




#39
cis-1,3-Dichloropropene
Concen: 23.808 ug/L
RT: 10.022 min Scan# 1434
Delta R.T. 0.000 min
Lab File: VD077744.D
Acq: 04 Dec 2023 17:03

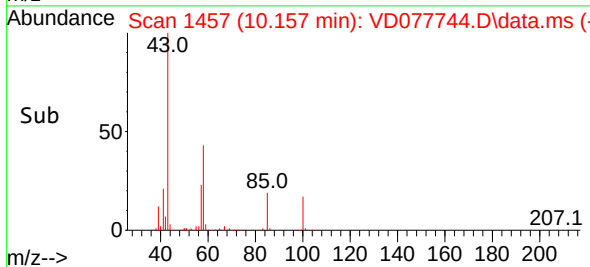
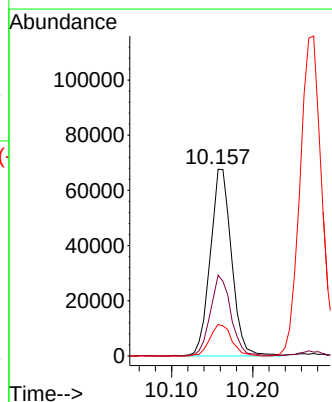
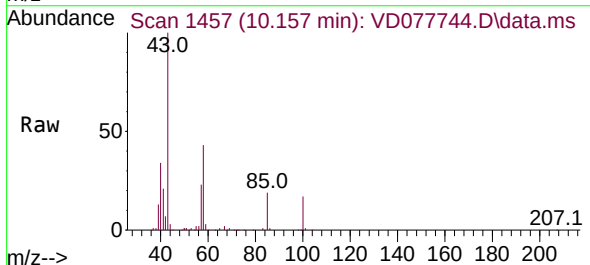
Instrument :
MSVOA_D
ClientSampleId :

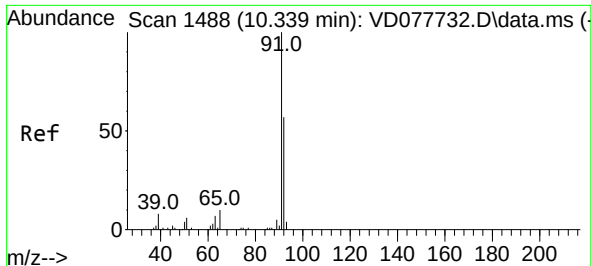
Tgt Ion: 75 Resp: 177963
Ion Ratio Lower Upper
75 100
77 30.4 21.2 39.4



#40
4-Methyl-2-pentanone
Concen: 46.766 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD077744.D
Acq: 04 Dec 2023 17:03

Tgt Ion: 43 Resp: 123527
Ion Ratio Lower Upper
43 100
58 41.8 31.0 46.4
100 17.2 11.9 17.9

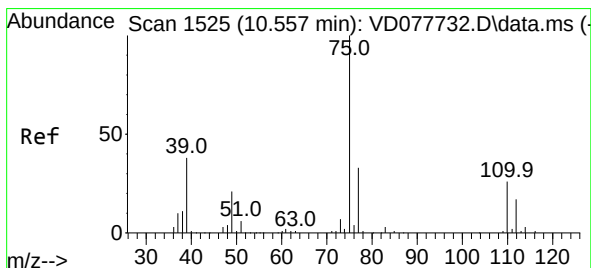
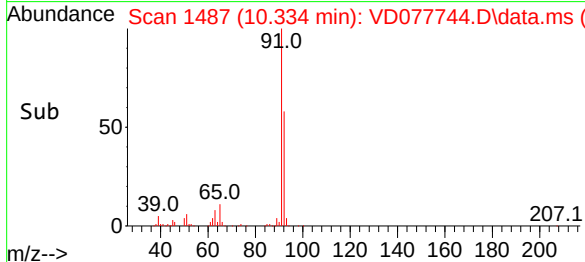
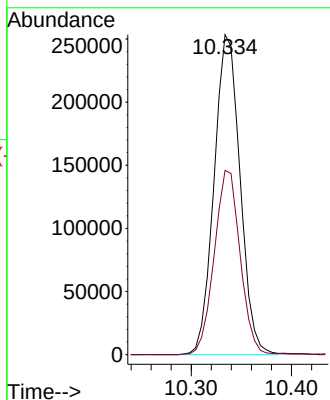
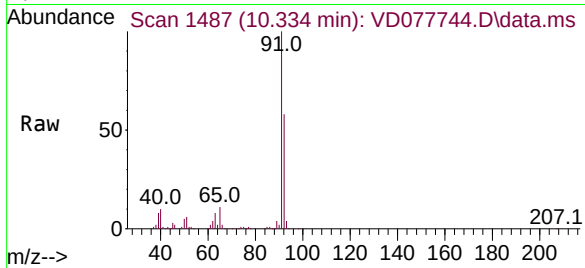




#42
Toluene
Concen: 23.355 ug/L
RT: 10.334 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VD077744.D
Acq: 04 Dec 2023 17:03

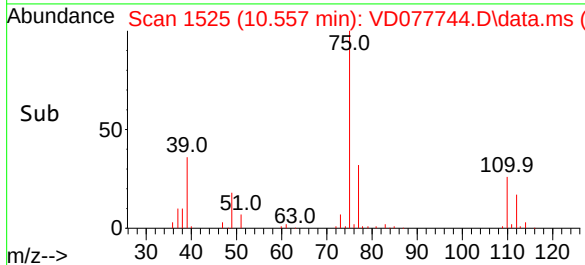
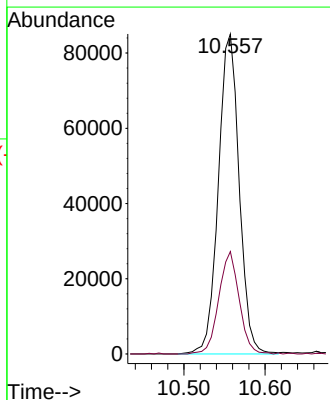
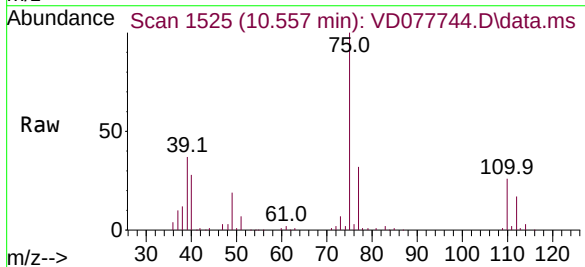
Instrument :
MSVOA_D
ClientSampleId :

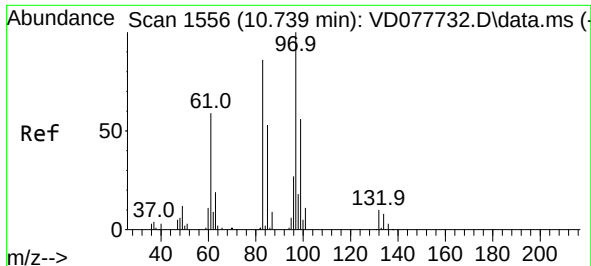
Tgt Ion: 91 Resp: 455427
Ion Ratio Lower Upper
91 100
92 57.6 41.6 77.3



#44
trans-1,3-Dichloropropene
Concen: 24.304 ug/L
RT: 10.557 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VD077744.D
Acq: 04 Dec 2023 17:03

Tgt Ion: 75 Resp: 151742
Ion Ratio Lower Upper
75 100
77 32.0 22.0 40.8

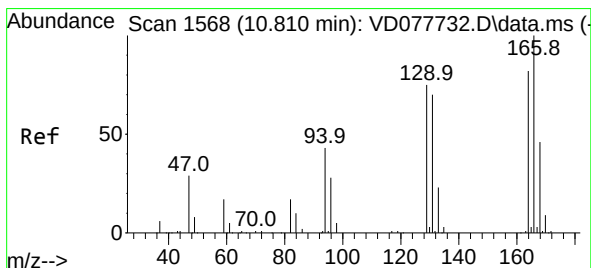
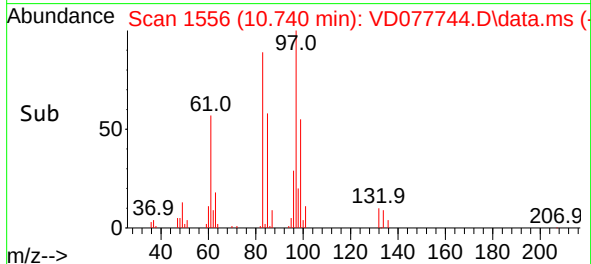
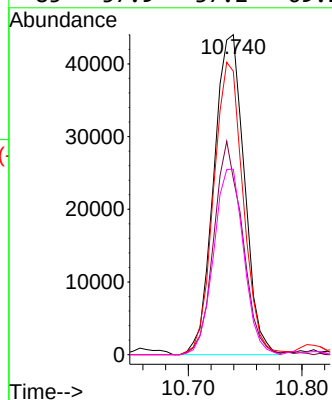
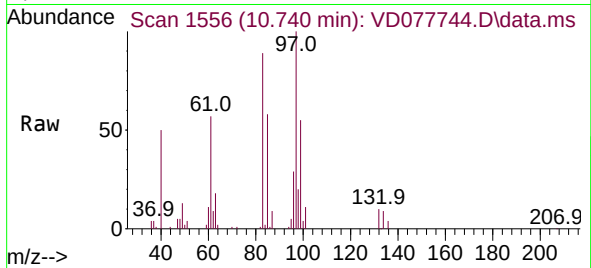




#45
1,1,2-Trichloroethane
Concen: 25.503 ug/L
RT: 10.740 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VD077744.D
Acq: 04 Dec 2023 17:03

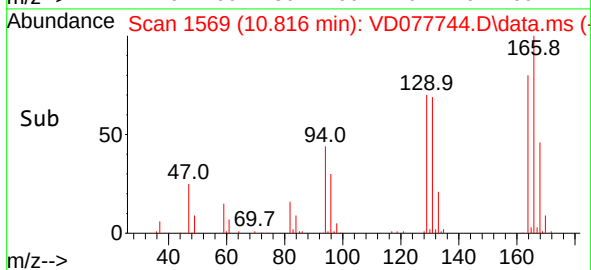
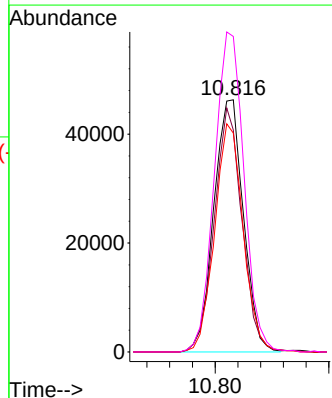
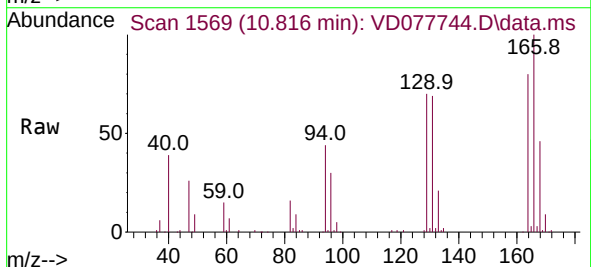
Instrument :
MSVOA_D
ClientSampleId :

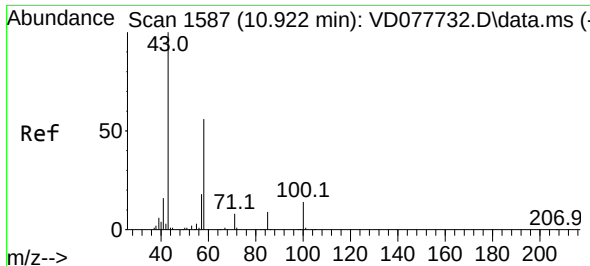
Tgt Ion: 97	Resp: 81985
Ion Ratio	Lower Upper
97 100	
99 55.0	41.7 77.5
83 88.6	63.6 118.2
85 57.9	37.2 69.2



#46
Tetrachloroethene
Concen: 22.809 ug/L
RT: 10.816 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VD077744.D
Acq: 04 Dec 2023 17:03

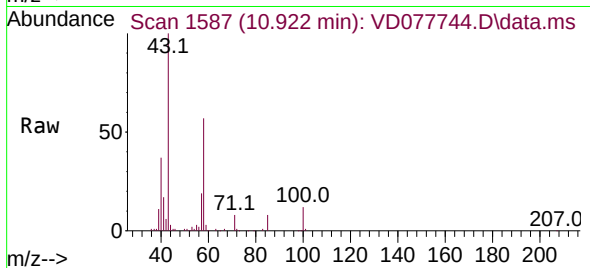
Tgt Ion:164	Resp: 83820
Ion Ratio	Lower Upper
164 100	
129 88.0	61.5 114.3
131 86.8	59.1 109.9
166 125.1	85.4 158.6



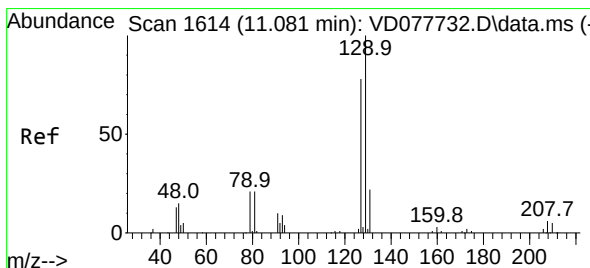
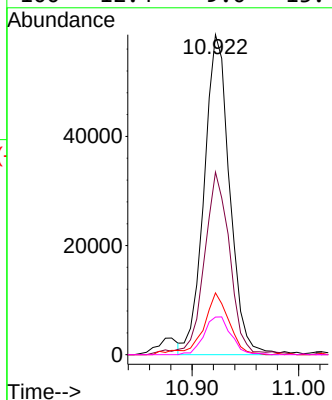
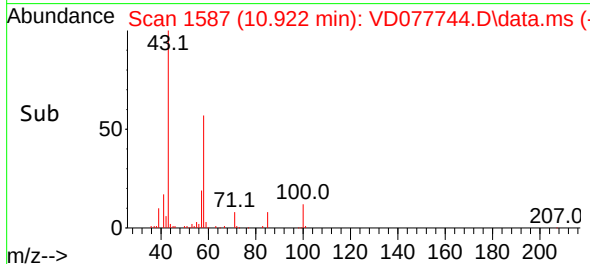


#48
2-Hexanone
Concen: 43.449 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077744.D
Acq: 04 Dec 2023 17:03

Instrument :
MSVOA_D
ClientSampleId :

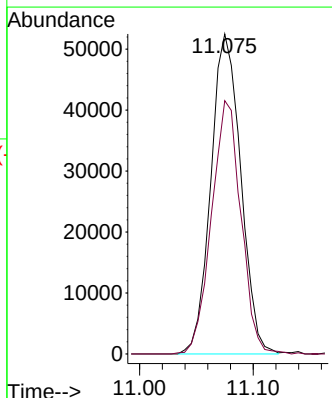
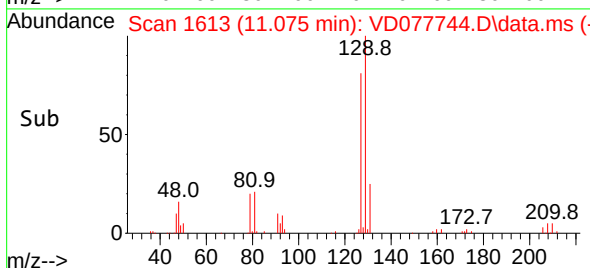
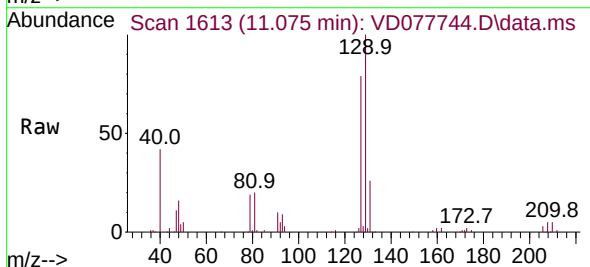


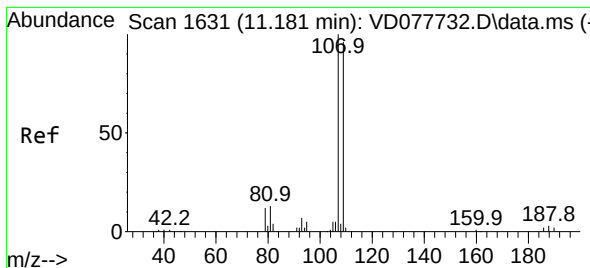
Tgt Ion: 43	Resp: 97549
Ion Ratio	Lower Upper
43 100	
58 55.8	43.0 64.6
57 18.2	13.8 20.8
100 12.4	9.0 13.4



#49
Dibromochloromethane
Concen: 25.101 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.006 min
Lab File: VD077744.D
Acq: 04 Dec 2023 17:03

Tgt Ion:129	Resp:	95947	
Ion	Ratio	Lower	Upper
129	100		
127	79.1	52.8	98.2

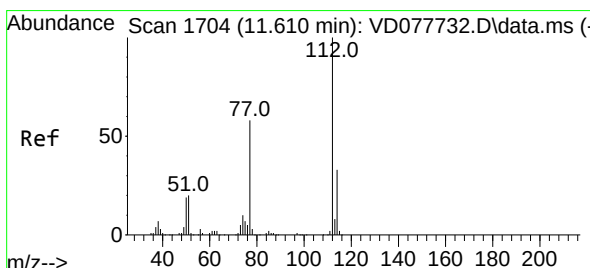
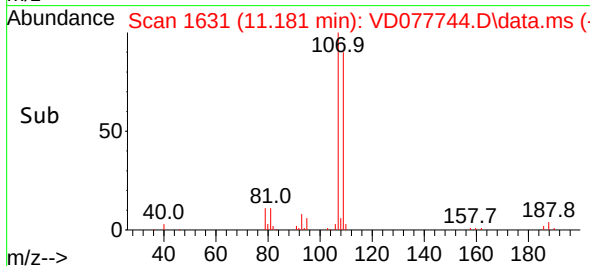
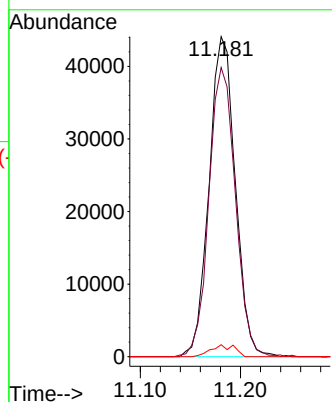
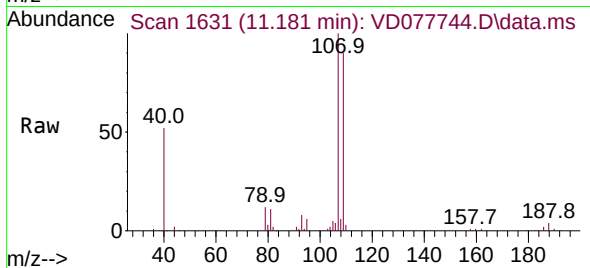




#50
1,2-Dibromoethane
Concen: 25.853 ug/L
RT: 11.181 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077744.D
Acq: 04 Dec 2023 17:03

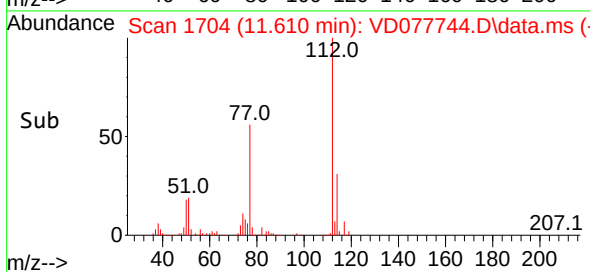
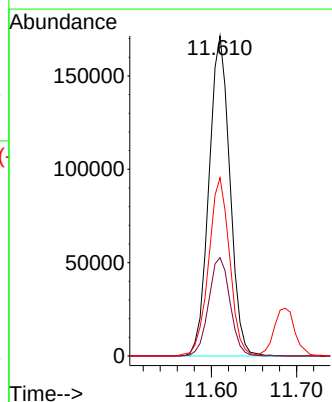
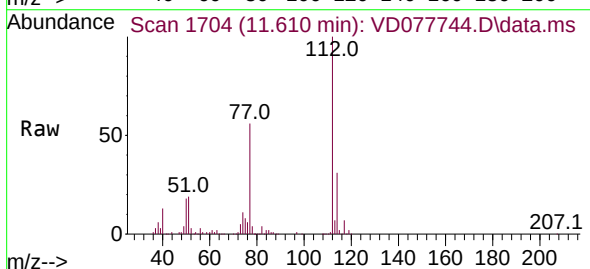
Instrument :
MSVOA_D
ClientSampleId :

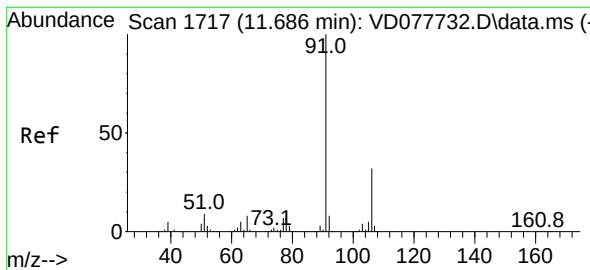
Tgt Ion:107 Resp: 80152
Ion Ratio Lower Upper
107 100
109 90.3 64.2 119.2
188 3.7 2.3 3.5#



#51
Chlorobenzene
Concen: 24.128 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD077744.D
Acq: 04 Dec 2023 17:03

Tgt Ion:112 Resp: 291740
Ion Ratio Lower Upper
112 100
114 30.7 22.5 41.9
77 55.7 46.4 69.6





#52

Ethylbenzene

Concen: 22.967 ug/L

RT: 11.687 min Scan# 1717

Delta R.T. 0.000 min

Lab File: VD077744.D

Acq: 04 Dec 2023 17:03

Instrument :

MSVOA_D

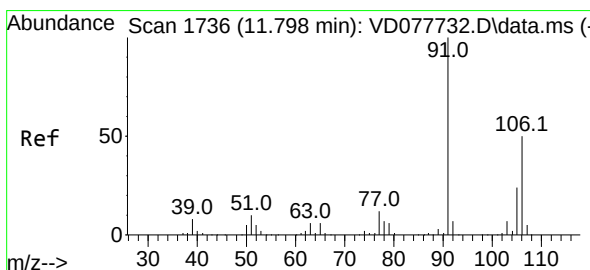
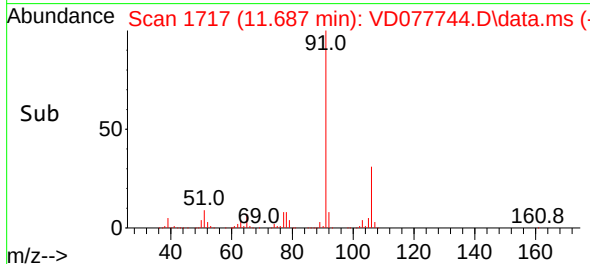
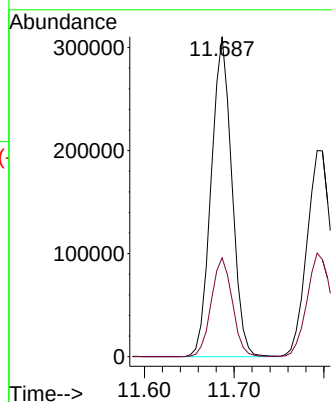
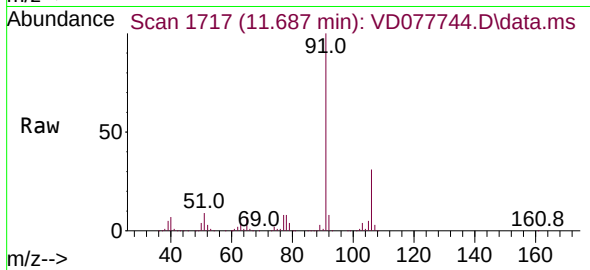
ClientSampleId :

Tgt Ion: 91 Resp: 496464

Ion Ratio Lower Upper

91 100

106 30.9 22.4 41.6



#53

m,p-Xylene

Concen: 23.088 ug/L

RT: 11.792 min Scan# 1735

Delta R.T. -0.006 min

Lab File: VD077744.D

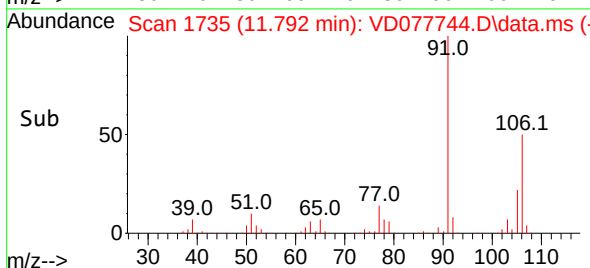
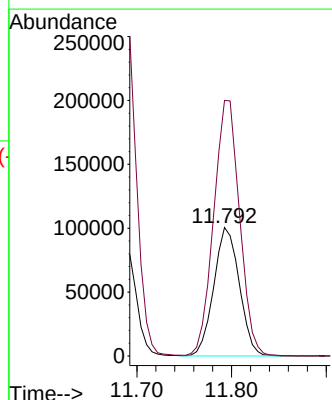
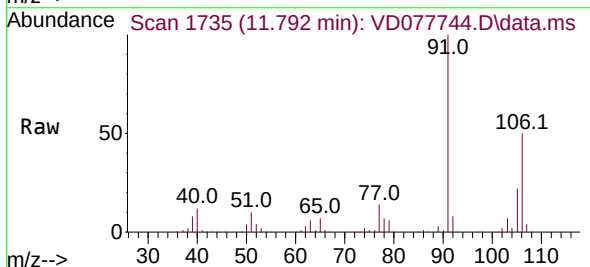
Acq: 04 Dec 2023 17:03

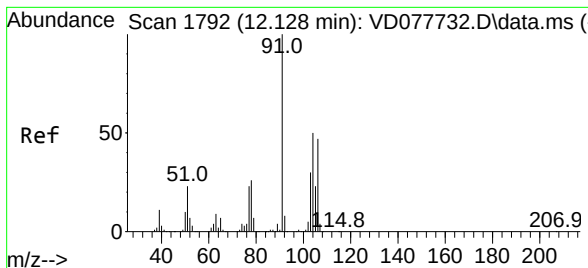
Tgt Ion:106 Resp: 188584

Ion Ratio Lower Upper

106 100

91 198.8 140.8 261.6

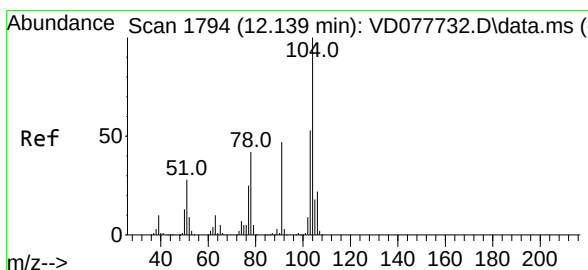
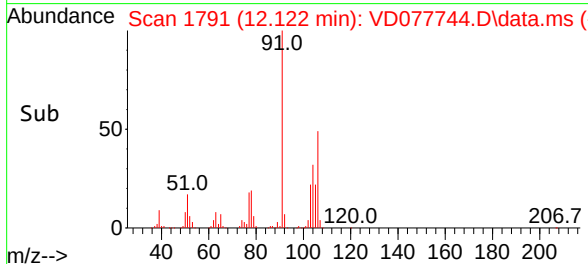
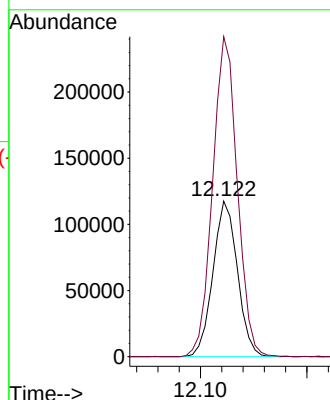
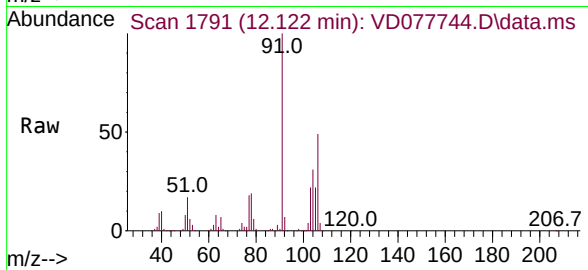




#54
o-Xylene
Concen: 23.969 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.006 min
Lab File: VD077744.D
Acq: 04 Dec 2023 17:03

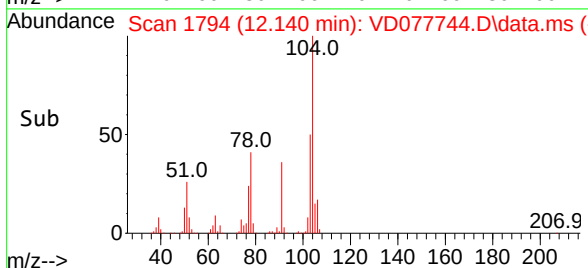
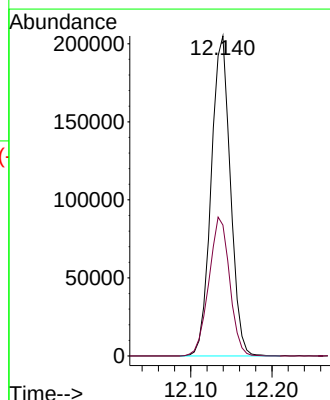
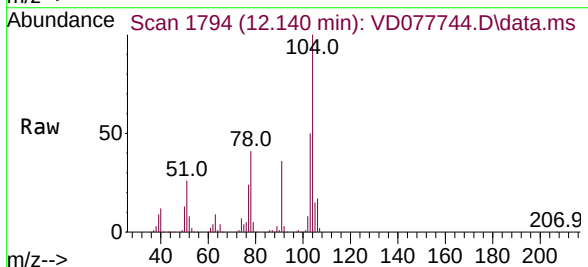
Instrument :
MSVOA_D
ClientSampleId :

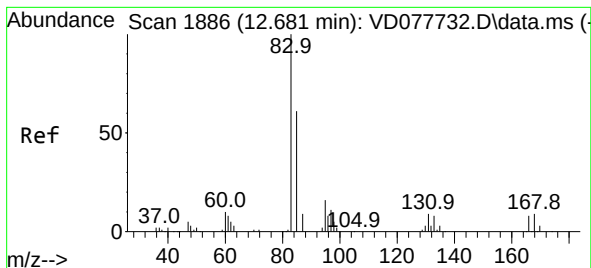
Tgt Ion:106 Resp: 187369
Ion Ratio Lower Upper
106 100
91 205.8 152.2 282.7



#55
Styrene
Concen: 24.592 ug/L
RT: 12.140 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD077744.D
Acq: 04 Dec 2023 17:03

Tgt Ion:104 Resp: 336373
Ion Ratio Lower Upper
104 100
78 40.9 30.9 57.5





#57

1,1,2,2-Tetrachloroethane

Concen: 25.501 ug/L

RT: 12.675 min Scan# 1885

Delta R.T. -0.006 min

Lab File: VD077744.D

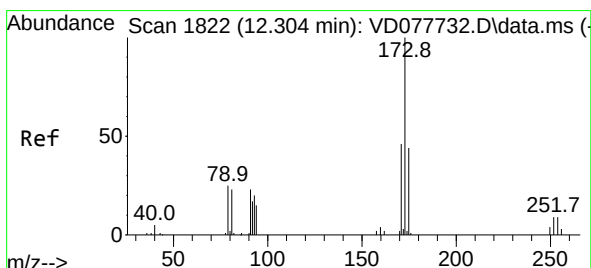
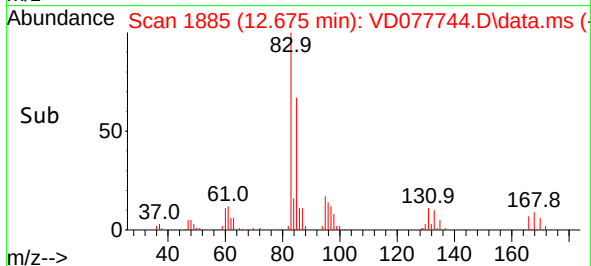
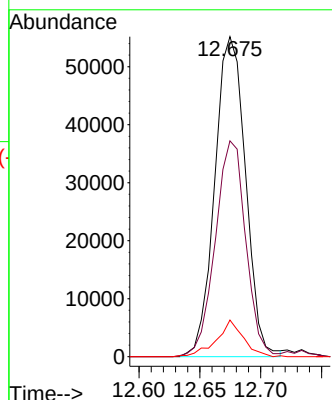
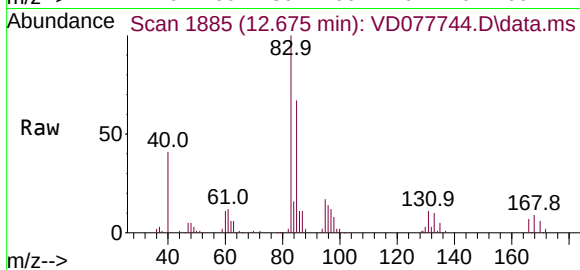
Acq: 04 Dec 2023 17:03

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	83	Resp:	97139
Ion Ratio	Lower	Upper	
83	100		
85	67.5	43.3	80.5
131	11.4	7.3	10.9#



#59

Bromoform

Concen: 26.274 ug/L

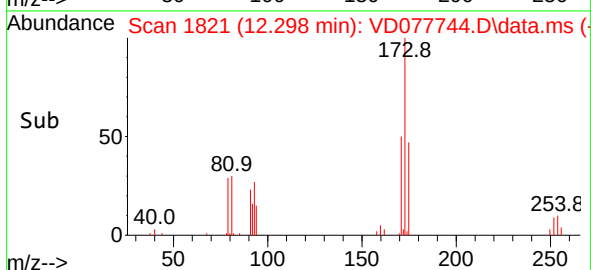
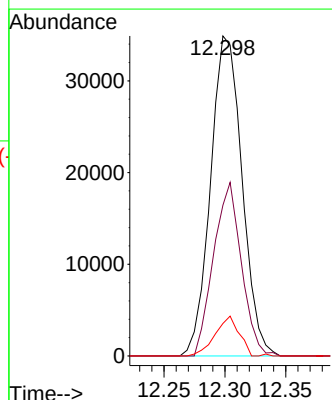
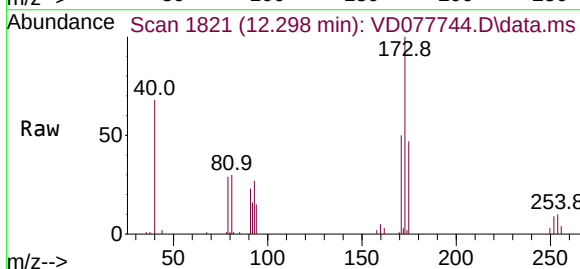
RT: 12.298 min Scan# 1821

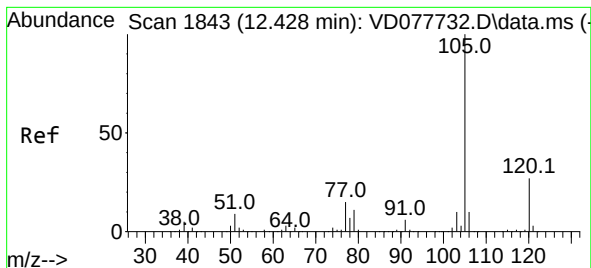
Delta R.T. -0.006 min

Lab File: VD077744.D

Acq: 04 Dec 2023 17:03

Tgt Ion:	173	Resp:	62862
Ion Ratio	Lower	Upper	
173	100		
175	47.8	38.7	58.1
254	9.5	1.8	2.8#





#60

Isopropylbenzene

Concen: 22.621 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. -0.006 min

Lab File: VD077744.D

Acq: 04 Dec 2023 17:03

Instrument :

MSVOA_D

ClientSampleId :

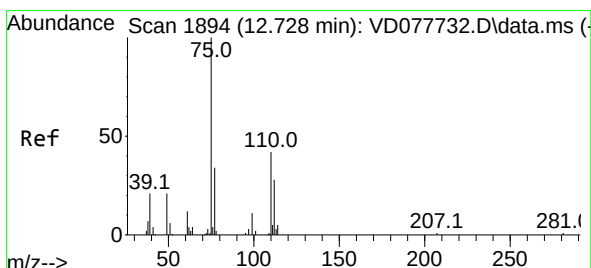
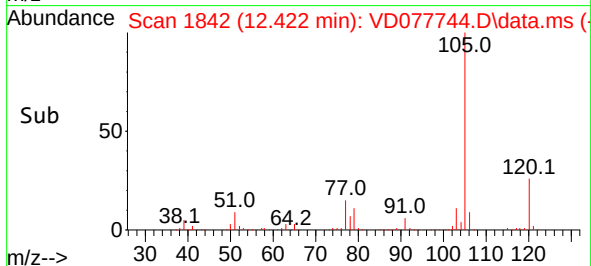
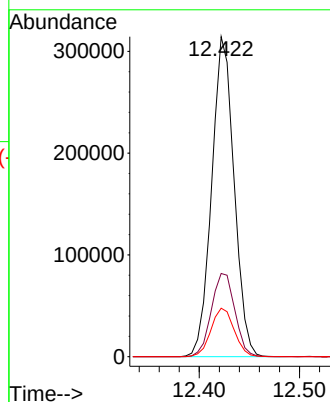
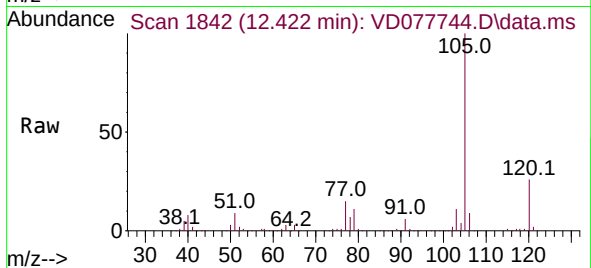
Tgt Ion:105 Resp: 488219

Ion Ratio Lower Upper

105 100

120 27.3 21.3 31.9

77 15.7 12.6 18.8



#61

1,2,3-Trichloropropane

Concen: 25.393 ug/L

RT: 12.728 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VD077744.D

Acq: 04 Dec 2023 17:03

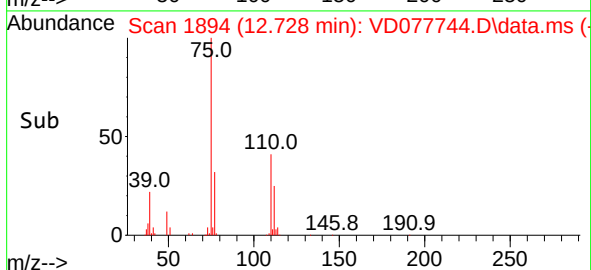
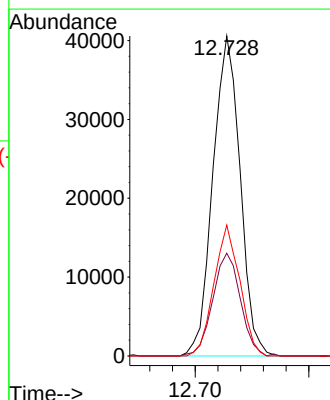
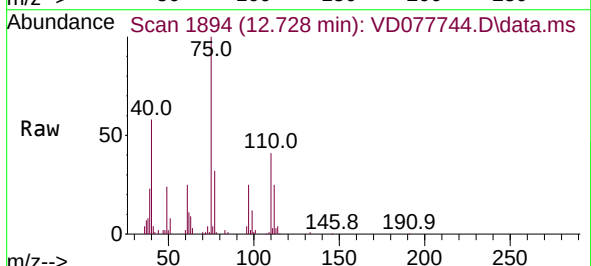
Tgt Ion: 75 Resp: 67539

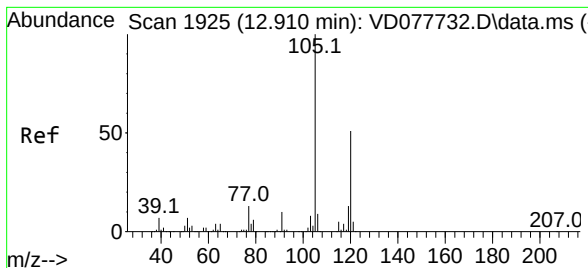
Ion Ratio Lower Upper

75 100

77 32.5 26.8 40.2

110 38.8 33.4 50.2

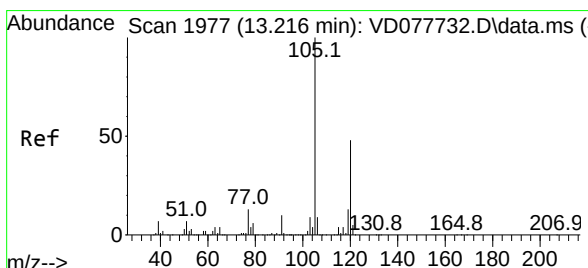
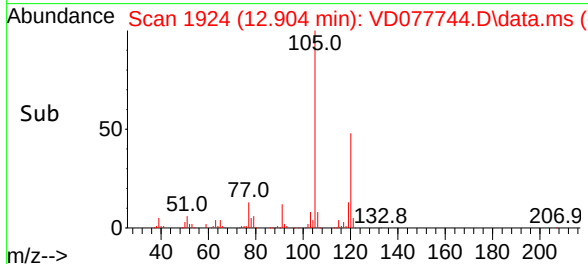
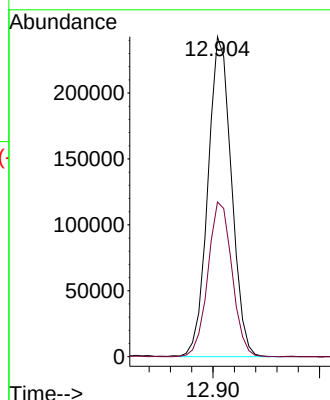
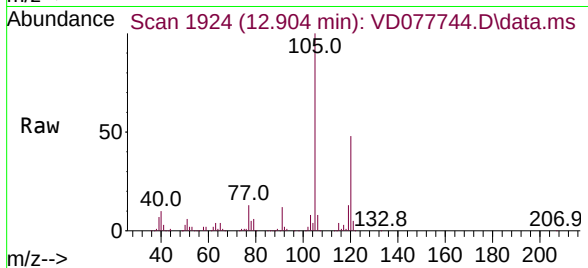




#62
 1,3,5-Trimethylbenzene
 Concen: 22.936 ug/L
 RT: 12.904 min Scan# 1924
 Delta R.T. -0.006 min
 Lab File: VD077744.D
 Acq: 04 Dec 2023 17:03

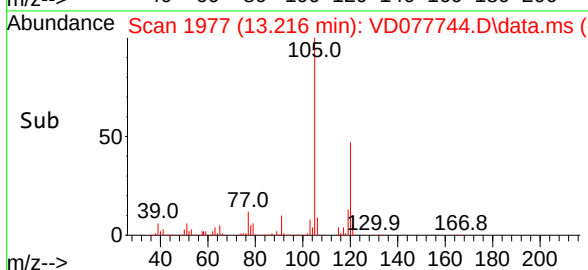
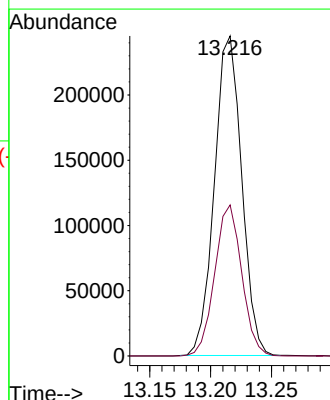
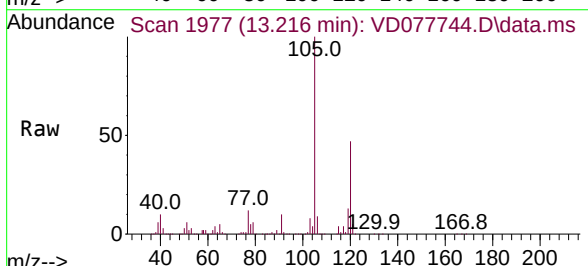
Instrument :
 MSVOA_D
 ClientSampleId :

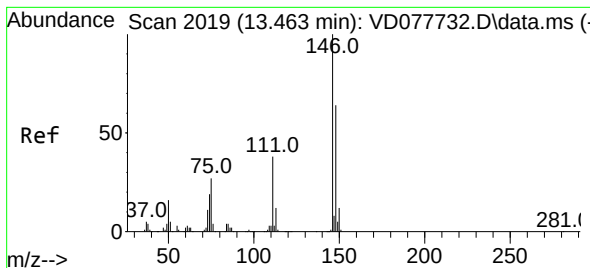
Tgt Ion:105 Resp: 371798
 Ion Ratio Lower Upper
 105 100
 120 49.6 39.5 59.3



#63
 1,2,4-Trimethylbenzene
 Concen: 23.236 ug/L
 RT: 13.216 min Scan# 1977
 Delta R.T. 0.000 min
 Lab File: VD077744.D
 Acq: 04 Dec 2023 17:03

Tgt Ion:105 Resp: 381903
 Ion Ratio Lower Upper
 105 100
 120 46.7 37.1 55.7





#64

1,3-Dichlorobenzene

Concen: 23.912 ug/L

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD077744.D

Acq: 04 Dec 2023 17:03

Instrument :

MSVOA_D

ClientSampleId :

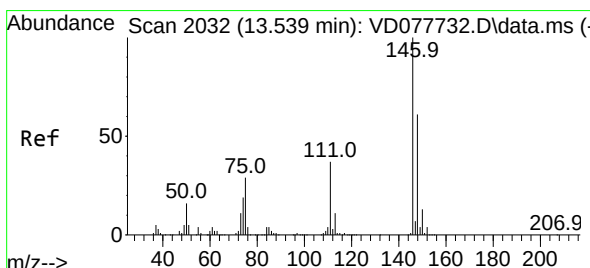
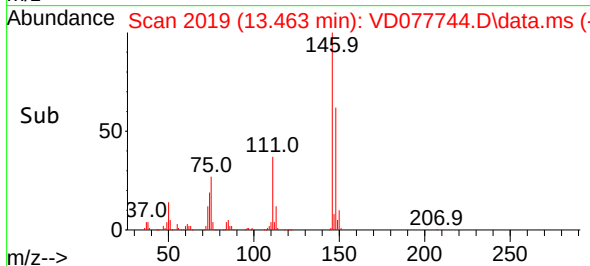
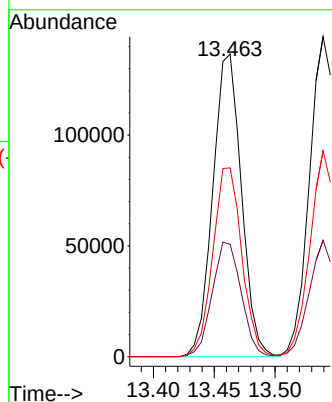
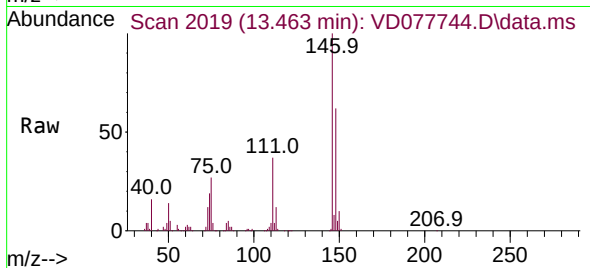
Tgt Ion:146 Resp: 223188

Ion Ratio Lower Upper

146 100

111 37.2 26.6 49.4

148 62.4 44.0 81.6



#65

1,4-Dichlorobenzene

Concen: 24.179 ug/L

RT: 13.539 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD077744.D

Acq: 04 Dec 2023 17:03

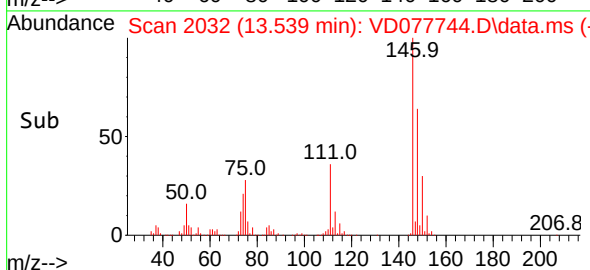
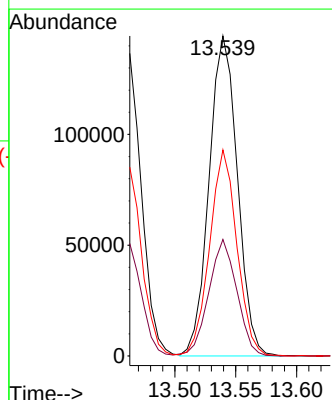
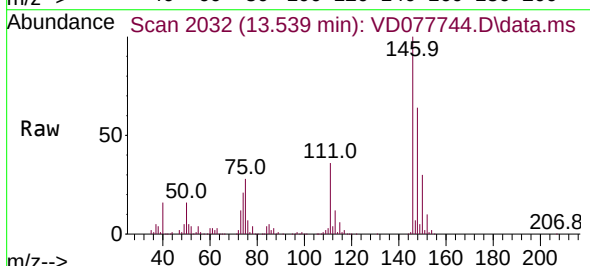
Tgt Ion:146 Resp: 234188

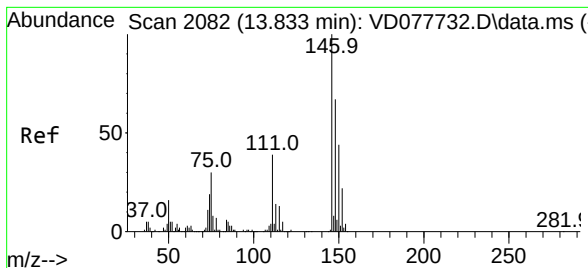
Ion Ratio Lower Upper

146 100

111 36.4 26.4 49.0

148 64.4 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 24.150 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

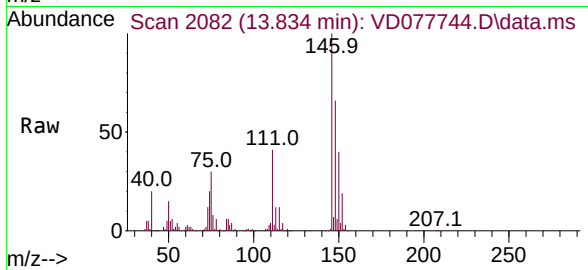
Lab File: VD077744.D

Acq: 04 Dec 2023 17:03

Instrument :

MSVOA_D

ClientSampleId :



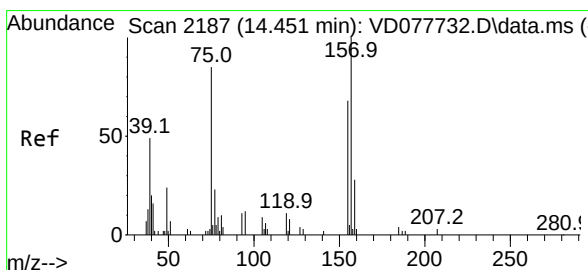
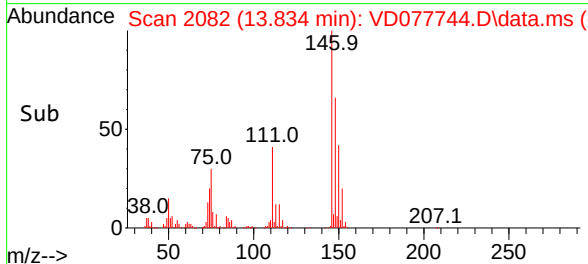
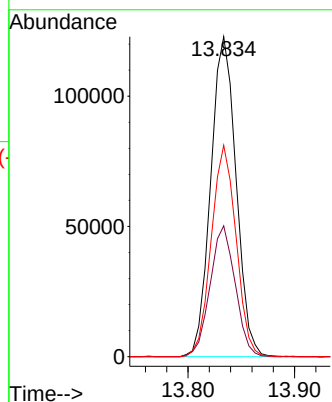
Tgt Ion:146 Resp: 202836

Ion Ratio Lower Upper

146 100

111 40.9 31.4 47.2

148 66.1 50.2 75.2



#68

1,2-Dibromo-3-chloropropane

Concen: 23.771 ug/L

RT: 14.451 min Scan# 2187

Delta R.T. 0.000 min

Lab File: VD077744.D

Acq: 04 Dec 2023 17:03

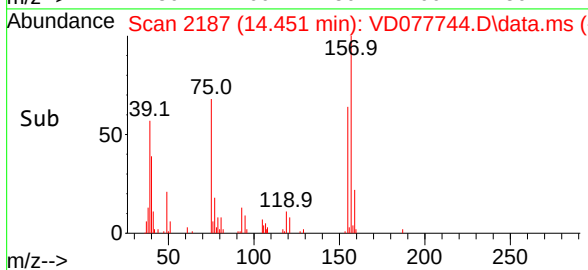
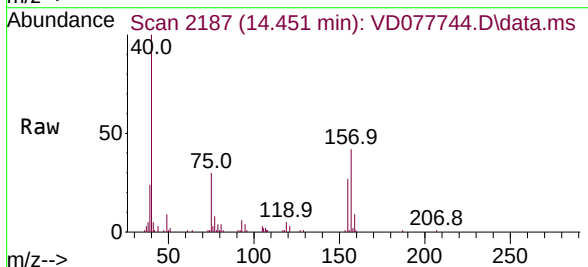
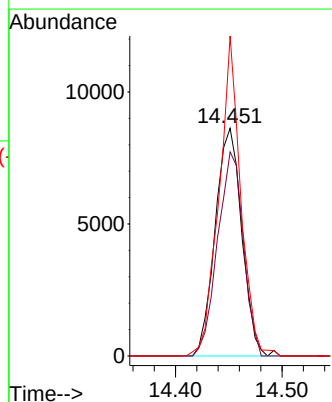
Tgt Ion: 75 Resp: 14908

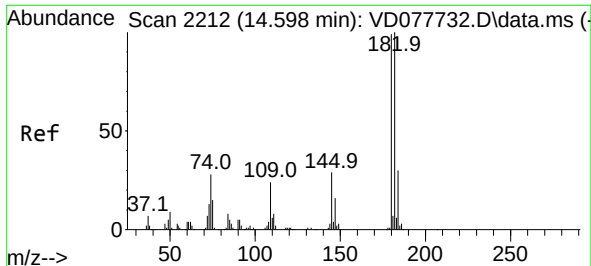
Ion Ratio Lower Upper

75 100

155 94.3 69.2 103.8

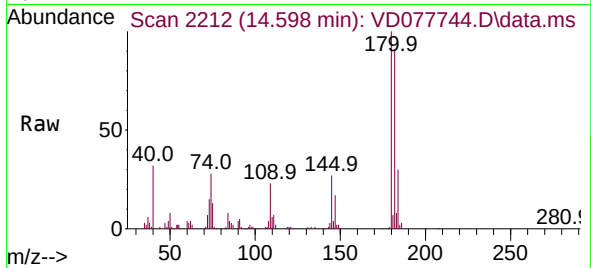
157 140.5 86.6 130.0#



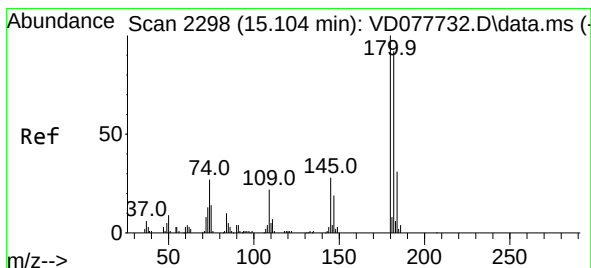
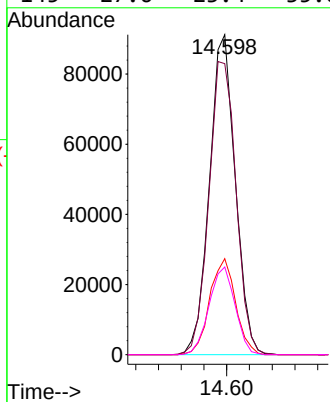
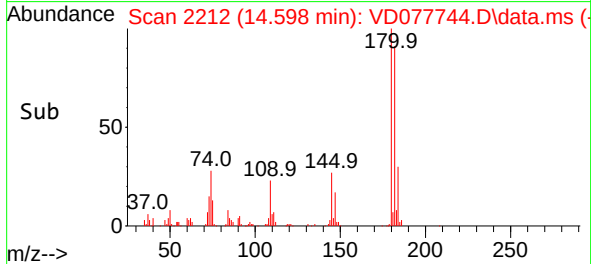


#69
 1,3,5-Trichlorobenzene
 Concen: 22.689 ug/L
 RT: 14.598 min Scan# 2212
 Delta R.T. 0.000 min
 Lab File: VD077744.D
 Acq: 04 Dec 2023 17:03

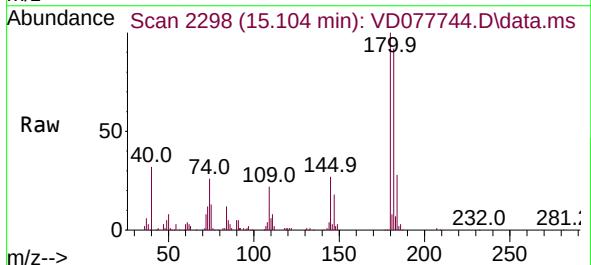
Instrument :
 MSVOA_D
 ClientSampleId :



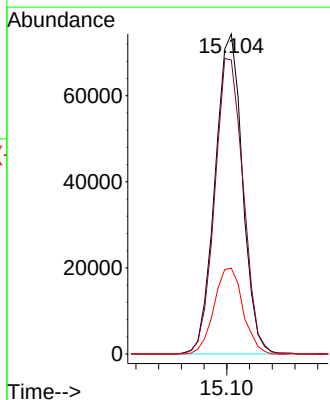
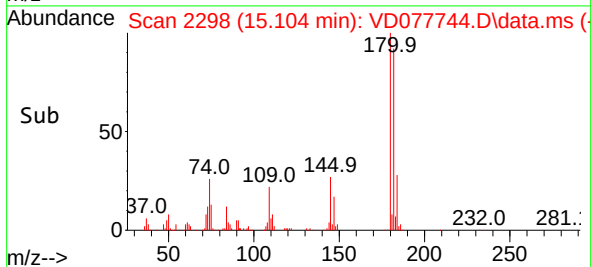
Tgt Ion:180 Resp: 144204
 Ion Ratio Lower Upper
 180 100
 182 96.2 77.0 115.4
 184 30.1 24.3 36.5
 145 27.6 23.4 35.0

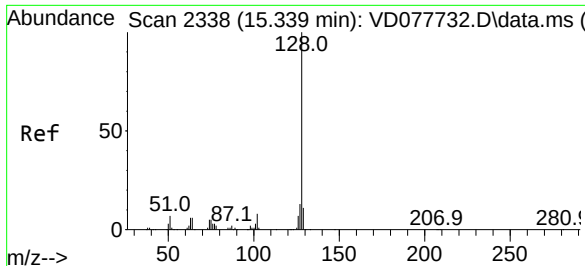


#70
 1,2,4-trichlorobenzene
 Concen: 23.081 ug/L
 RT: 15.104 min Scan# 2298
 Delta R.T. 0.000 min
 Lab File: VD077744.D
 Acq: 04 Dec 2023 17:03



Tgt Ion:180 Resp: 124538
 Ion Ratio Lower Upper
 180 100
 182 95.8 77.0 115.6
 145 28.2 23.9 35.9

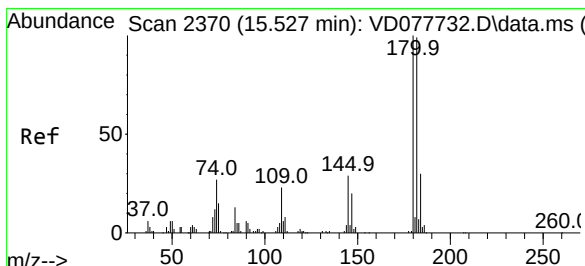
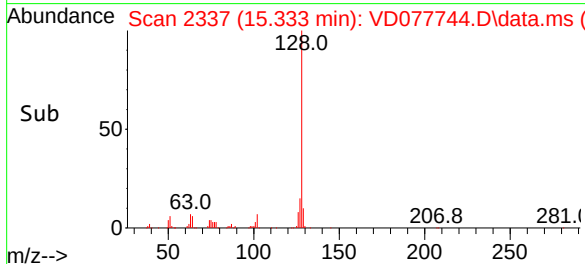
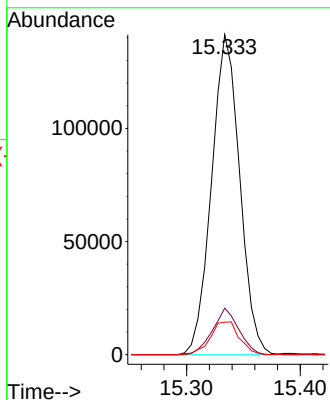
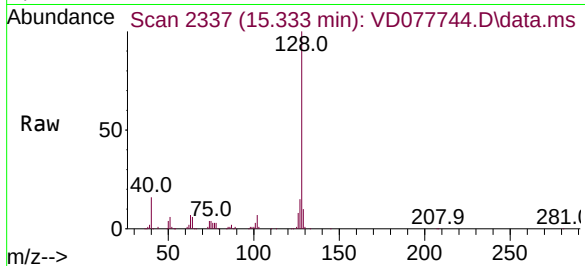




#71
Naphthalene
Concen: 24.695 ug/L
RT: 15.333 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD077744.D
Acq: 04 Dec 2023 17:03

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 243600
Ion Ratio Lower Upper
128 100
127 13.7 10.5 15.7
129 10.5 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 23.877 ug/L
RT: 15.528 min Scan# 2370
Delta R.T. 0.000 min
Lab File: VD077744.D
Acq: 04 Dec 2023 17:03

Tgt Ion:180 Resp: 112940
Ion Ratio Lower Upper
180 100
182 93.3 77.3 115.9
145 30.7 25.2 37.8

