

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051324\
 Data File : VD078905.D
 Acq On : 13 May 2024 10:23
 Operator : RP/MD
 Sample : VSTDICC005
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 14 06:06:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 14 05:58:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	103541	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	181552	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	170607	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	82114	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.228	65	5100	5.251	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	10.500%#
35) Dibromofluoromethane	7.810	113	6605	5.465	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	10.940%#
50) Toluene-d8	10.269	98	21968	4.849	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	9.700%#
62) 4-Bromofluorobenzene	12.575	95	6214	4.882	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	9.760%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.934	85	5801	5.996	ug/l	89
3) Chloromethane	2.146	50	9762	4.747	ug/l	96
4) Vinyl Chloride	2.287	62	14253	6.125	ug/l	91
5) Bromomethane	2.693	94	13778	6.909	ug/l	97
6) Chloroethane	2.840	64	10429	5.631	ug/l	95
7) Trichlorofluoromethane	3.181	101	10647	5.251	ug/l	93
8) Diethyl Ether	3.605	74	2595	3.956	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.975	101	6601	6.165	ug/l #	71
10) Methyl Iodide	4.169	142	6537	5.110	ug/l	98
11) Tert butyl alcohol	5.046	59	1554	33.370	ug/l #	86
12) 1,1-Dichloroethene	3.940	96	6116	5.835	ug/l	93
13) Acrolein	3.793	56	2299	23.779	ug/l	98
14) Allyl chloride	4.575	41	5689	5.562	ug/l	90
15) Acrylonitrile	5.263	53	5420	28.871	ug/l #	88
16) Acetone	4.028	43	4321	27.903	ug/l #	71
17) Carbon Disulfide	4.269	76	22113	5.619	ug/l	97
18) Methyl Acetate	4.575	43	2162	6.064	ug/l #	44
19) Methyl tert-butyl Ether	5.334	73	10531	5.156	ug/l #	81
20) Methylene Chloride	4.799	84	14390	6.611	ug/l	93
21) trans-1,2-Dichloroethene	5.311	96	6720	5.752	ug/l #	72
22) Diisopropyl ether	6.216	45	12586	5.441	ug/l #	86
23) Vinyl Acetate	6.158	43	35949	25.909	ug/l #	91
24) 1,1-Dichloroethane	6.122	63	10938	5.965	ug/l #	91
25) 2-Butanone	7.081	43	5613	27.101	ug/l	98
26) 2,2-Dichloropropane	7.075	77	9780	6.069	ug/l	95
27) cis-1,2-Dichloroethene	7.075	96	7791	5.679	ug/l	95
28) Bromochloromethane	7.428	49	2928	4.788	ug/l #	97
29) Tetrahydrofuran	7.452	42	3060	25.544	ug/l #	66
30) Chloroform	7.599	83	12542	6.038	ug/l	99
31) Cyclohexane	7.875	56	8595	6.057	ug/l #	84
32) 1,1,1-Trichloroethane	7.799	97	10233	5.753	ug/l	94
36) 1,1-Dichloropropene	8.010	75	8363	5.561	ug/l	97
37) Ethyl Acetate	7.157	43	622	1.214	ug/l #	73
38) Carbon Tetrachloride	7.999	117	9947	5.652	ug/l	90
39) Methylcyclohexane	9.275	83	9014	4.933	ug/l	95
40) Benzene	8.252	78	26729	5.495	ug/l	92

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 Acq On : 13 May 2024 10:23
 Operator : RP/MD
 Sample : VSTDIC005
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 14 06:06:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 14 05:58:29 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	1608	5.831	ug/l #	69
42) 1,2-Dichloroethane	8.328	62	7004	5.949	ug/l	99
43) Isopropyl Acetate	8.369	43	4765	5.240	ug/l #	77
44) Trichloroethene	9.028	130	7459	5.781	ug/l	97
45) 1,2-Dichloropropane	9.304	63	6141	5.745	ug/l	90
46) Dibromomethane	9.393	93	4142	5.886	ug/l	95
47) Bromodichloromethane	9.587	83	9704	5.729	ug/l	96
48) Methyl methacrylate	9.387	41	2359	5.329	ug/l	84
49) 1,4-Dioxane	9.381	88	292	47.175	ug/l #	70
51) 4-Methyl-2-Pentanone	10.157	43	12351	25.498	ug/l	93
52) Toluene	10.334	92	15933	5.117	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	7443	5.171	ug/l	90
54) cis-1,3-Dichloropropene	10.016	75	9128	5.284	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	4951	5.446	ug/l	96
56) Ethyl methacrylate	10.593	69	4464	4.773	ug/l #	94
57) 1,3-Dichloropropane	10.875	76	7668	5.417	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.875	63	10816	26.913	ug/l	99
59) 2-Hexanone	10.922	43	7928	23.515	ug/l	100
60) Dibromochloromethane	11.069	129	6723	5.425	ug/l	95
61) 1,2-Dibromoethane	11.175	107	4272	5.154	ug/l #	77
64) Tetrachloroethene	10.810	164	6032	5.573	ug/l	91
65) Chlorobenzene	11.604	112	19619	5.528	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	6776	5.523	ug/l	86
67) Ethyl Benzene	11.681	91	27822	4.874	ug/l	98
68) m/p-Xylenes	11.793	106	21742	9.369	ug/l	95
69) o-Xylene	12.122	106	9717	4.593	ug/l	93
70) Styrene	12.134	104	17652	4.708	ug/l	99
71) Bromoform	12.298	173	3962	5.638	ug/l #	91
73) Isopropylbenzene	12.416	105	24288	4.956	ug/l	94
74) N-amyl acetate	12.234	43	4235	5.325	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.669	83	5190	5.871	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	6100	10.475	ug/l #	100
77) Bromobenzene	12.704	156	7278	5.647	ug/l	95
78) n-propylbenzene	12.763	91	29201	4.929	ug/l	97
79) 2-Chlorotoluene	12.845	91	17632	5.355	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	18577	4.562	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.463	75	1659	5.691	ug/l	98
82) 4-Chlorotoluene	12.945	91	17592	5.093	ug/l	95
83) tert-Butylbenzene	13.163	119	17255	4.792	ug/l	94
84) 1,2,4-Trimethylbenzene	13.210	105	20074	4.759	ug/l	99
85) sec-Butylbenzene	13.345	105	26089	4.857	ug/l	98
86) p-Isopropyltoluene	13.457	119	21434	4.580	ug/l	97
87) 1,3-Dichlorobenzene	13.451	146	15521	5.691	ug/l	96
88) 1,4-Dichlorobenzene	13.534	146	15367	5.754	ug/l	92
89) n-Butylbenzene	13.787	91	21588	5.148	ug/l	98
90) Hexachloroethane	14.051	117	5802	5.877	ug/l	97
91) 1,2-Dichlorobenzene	13.828	146	12687	5.560	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	654	5.557	ug/l	86
93) 1,2,4-Trichlorobenzene	15.104	180	7113	5.309	ug/l	96
94) Hexachlorobutadiene	15.198	225	3807	5.437	ug/l	94
95) Naphthalene	15.334	128	12019	5.266	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.516	180	6539	5.486	ug/l	91

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Acq On : 13 May 2024 10:23
Operator : RP/MD
Sample : VSTDICC005
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

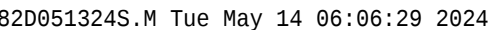
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MSVOA_D
ClientSampleId :

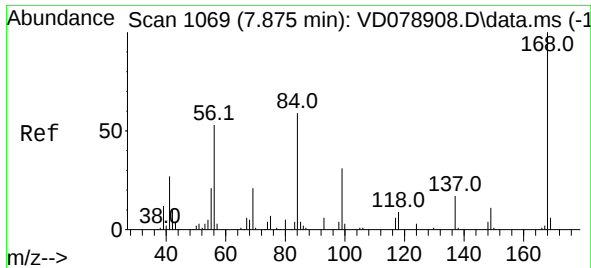
Quant Time: May 14 06:06:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
Quant Title : SW846 8260
QLast Update : Tue May 14 05:58:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: May 14 06:06:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSV0A_D\Method\82D051324S.M
Quant Title : SW846 8260
QLast Update : Tue May 14 05:58:29 2024
Response via : Initial Calibration

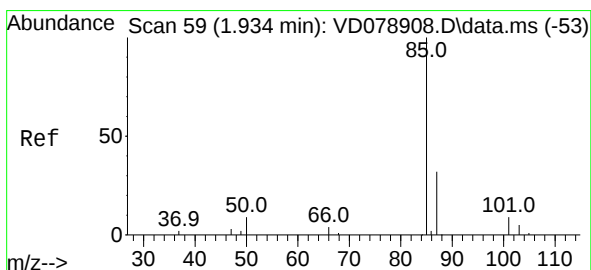
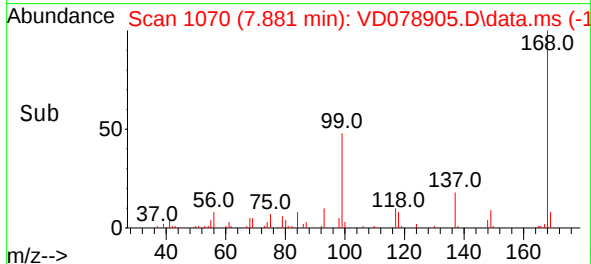
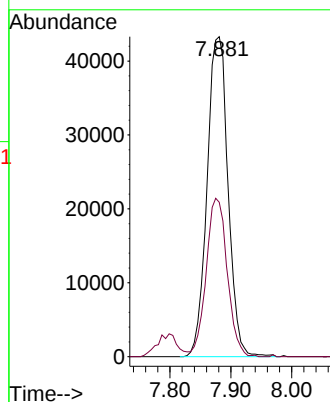
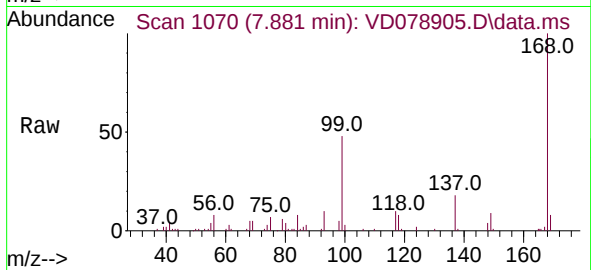




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD078905.D
Acq: 13 May 2024 10:23

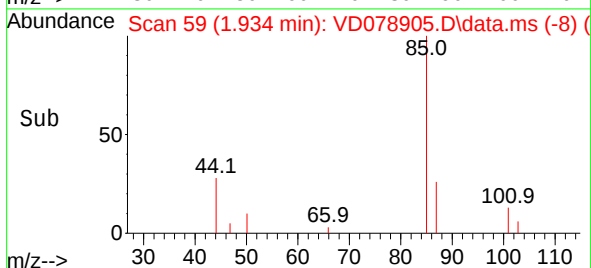
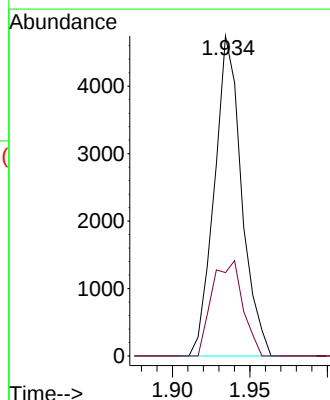
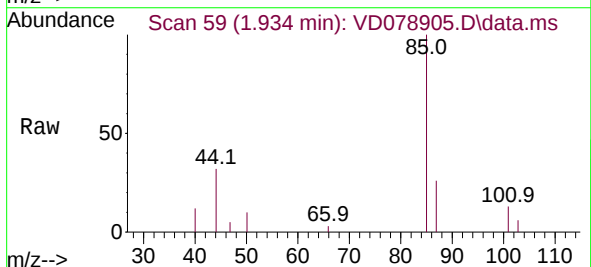
Instrument :
MSVOA_D
ClientSampleId :

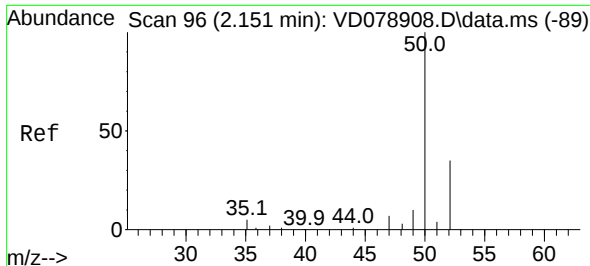
Tgt Ion:168 Resp: 103541
Ion Ratio Lower Upper
168 100
99 48.3 41.1 61.7



#2
Dichlorodifluoromethane
Concen: 5.996 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078905.D
Acq: 13 May 2024 10:23

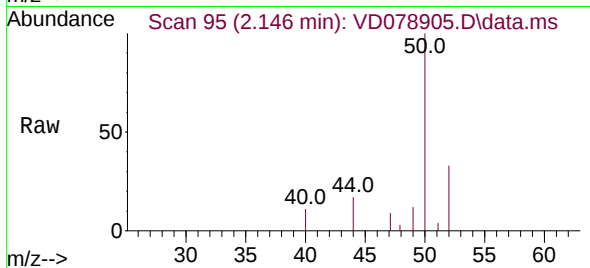
Tgt Ion: 85 Resp: 5801
Ion Ratio Lower Upper
85 100
87 26.1 16.0 48.0



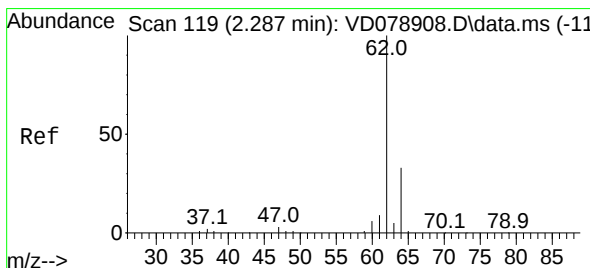
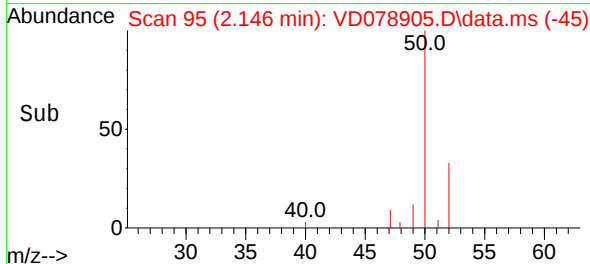
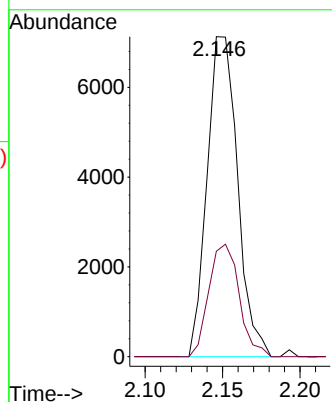


#3
Chloromethane
Concen: 4.747 ug/l
RT: 2.146 min Scan# 96
Delta R.T. -0.005 min
Lab File: VD078905.D
Acq: 13 May 2024 10:23

Instrument :
MSVOA_D
ClientSampleId :

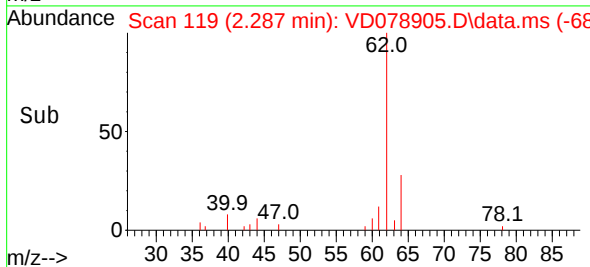
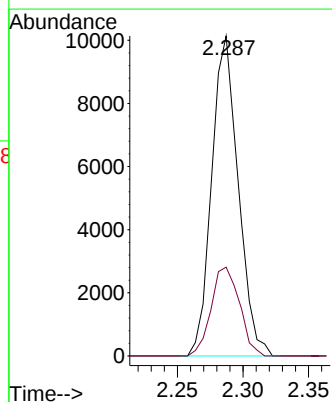
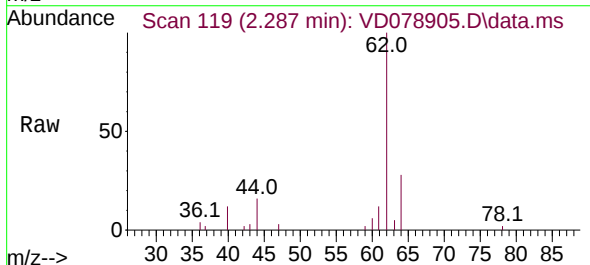


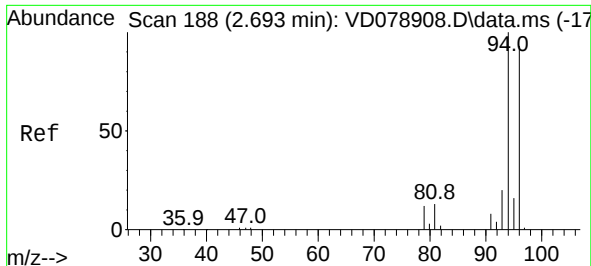
Tgt Ion: 50 Resp: 9762
Ion Ratio Lower Upper
50 100
52 33.0 28.2 42.2



#4
Vinyl Chloride
Concen: 6.125 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078905.D
Acq: 13 May 2024 10:23

Tgt Ion: 62 Resp: 14253
Ion Ratio Lower Upper
62 100
64 27.8 26.3 39.5





#5

Bromomethane

Concen: 6.909 ug/l

RT: 2.693 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078905.D

Acq: 13 May 2024 10:23

Instrument :

MSVOA_D

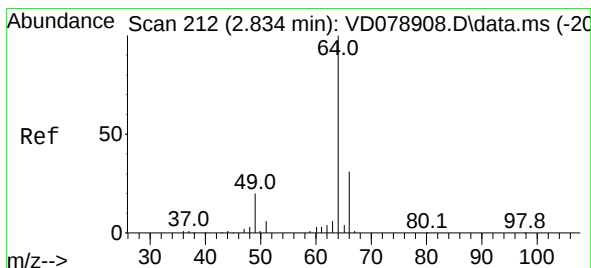
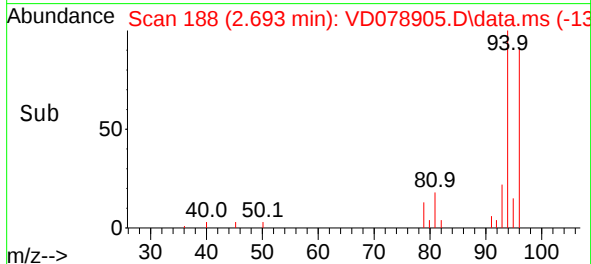
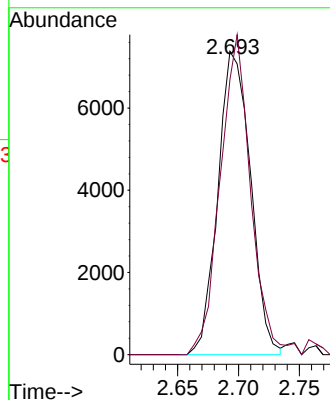
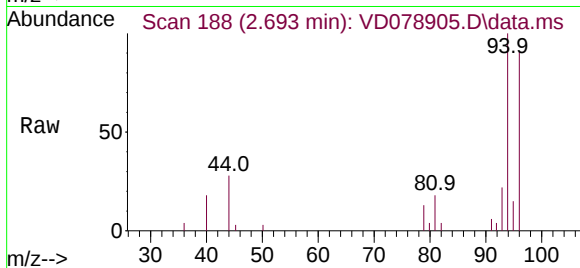
ClientSampleId :

Tgt Ion: 94 Resp: 13778

Ion Ratio Lower Upper

94 100

96 98.7 76.9 115.3



#6

Chloroethane

Concen: 5.631 ug/l

RT: 2.840 min Scan# 213

Delta R.T. 0.006 min

Lab File: VD078905.D

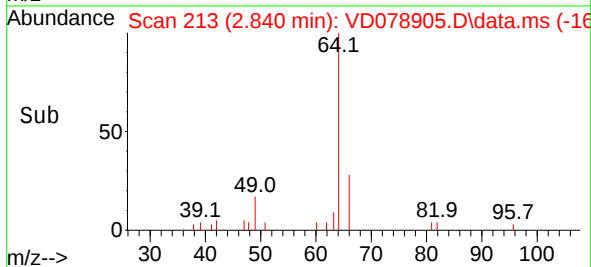
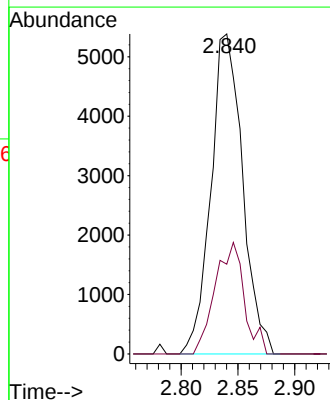
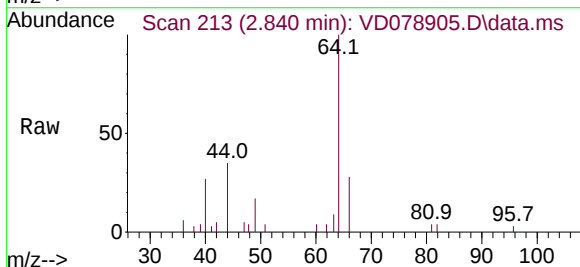
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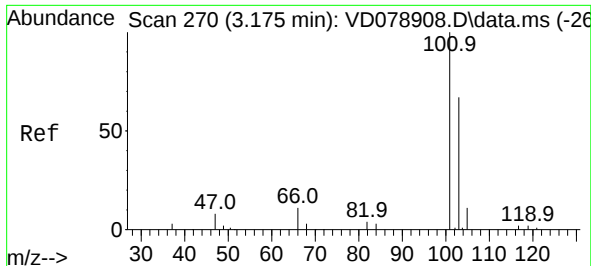
Tgt Ion: 64 Resp: 10429

Ion Ratio Lower Upper

64 100

66 28.0 24.5 36.7

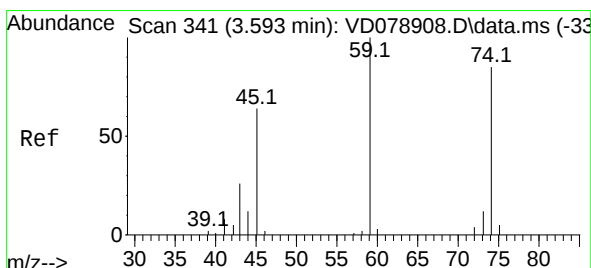
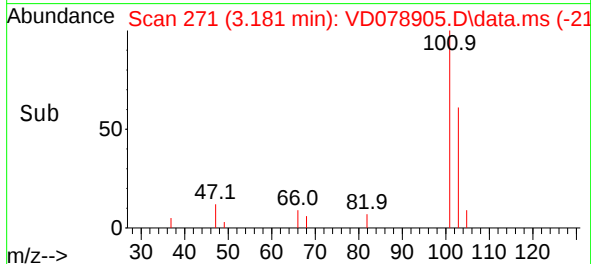
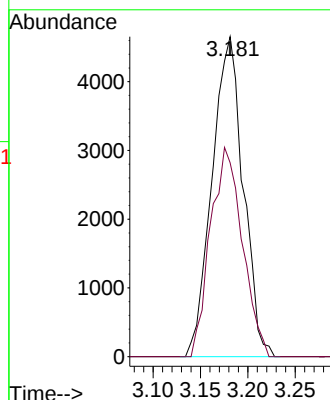
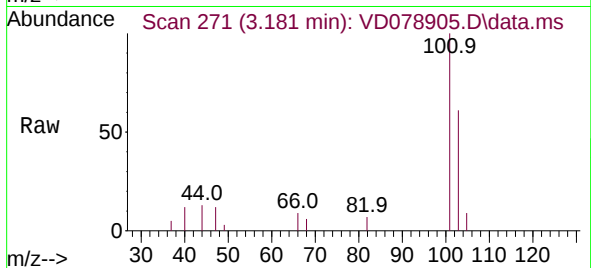




#7
Trichlorofluoromethane
Concen: 5.251 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD078905.D
Acq: 13 May 2024 10:23

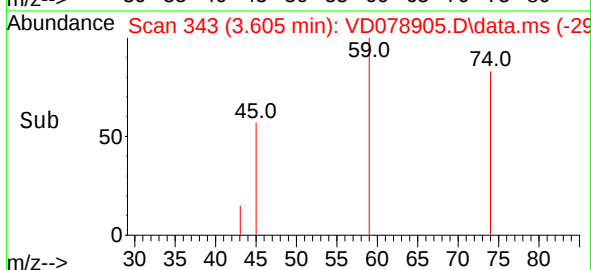
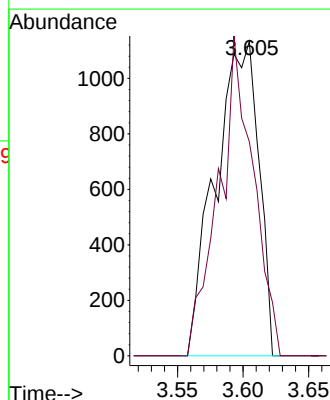
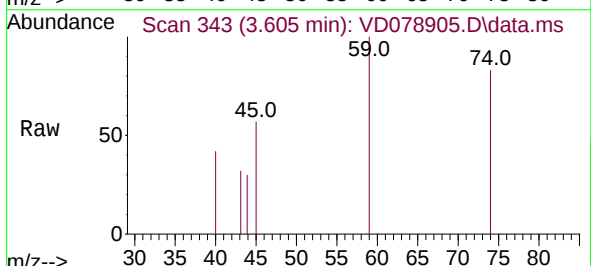
Instrument :
MSVOA_D
ClientSampleId :

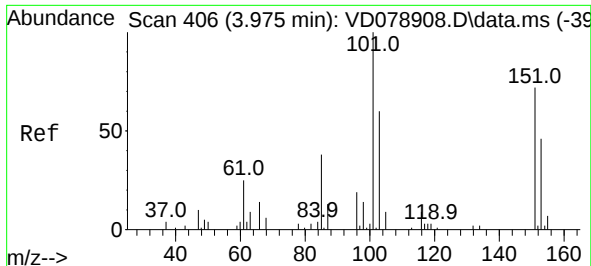
Tgt Ion:101 Resp: 10647
Ion Ratio Lower Upper
101 100
103 60.6 53.2 79.8



#8
Diethyl Ether
Concen: 3.956 ug/l
RT: 3.605 min Scan# 343
Delta R.T. 0.012 min
Lab File: VD078905.D
Acq: 13 May 2024 10:23

Tgt Ion: 74 Resp: 2595
Ion Ratio Lower Upper
74 100
45 81.6 37.9 113.6

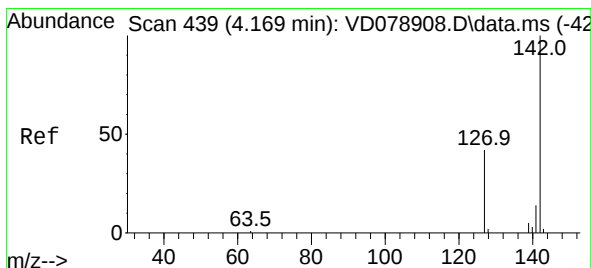
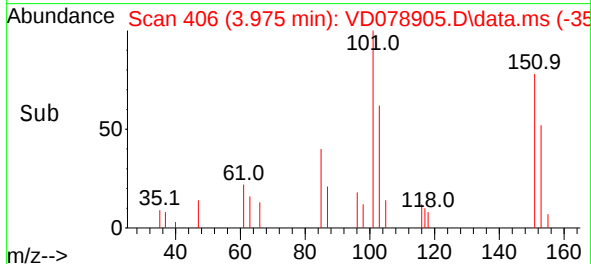
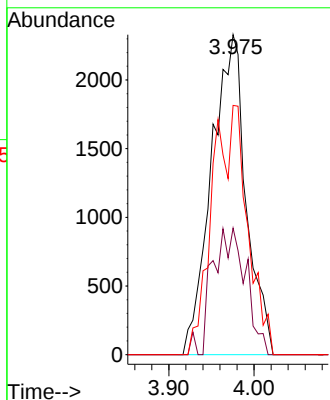
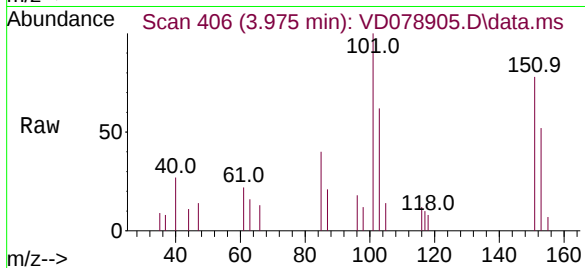




#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.165 ug/l
RT: 3.975 min Scan# 406
Delta R.T. 0.000 min
Lab File: VD078905.D
Acq: 13 May 2024 10:23

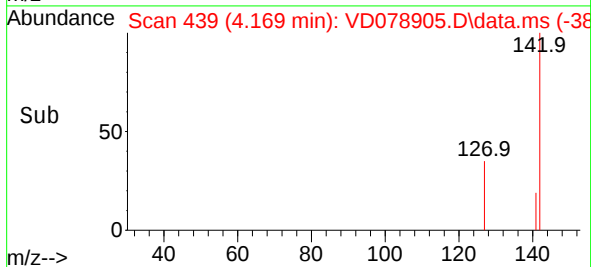
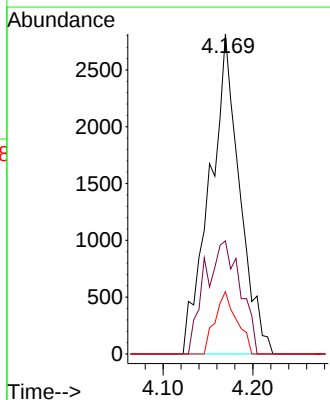
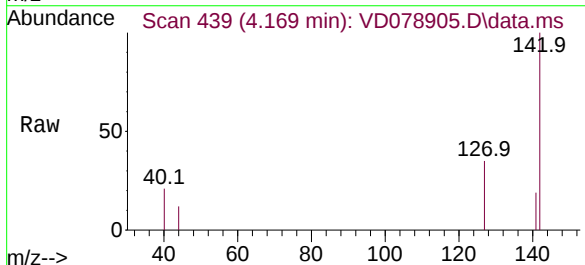
Instrument :
MSVOA_D
ClientSampleId :

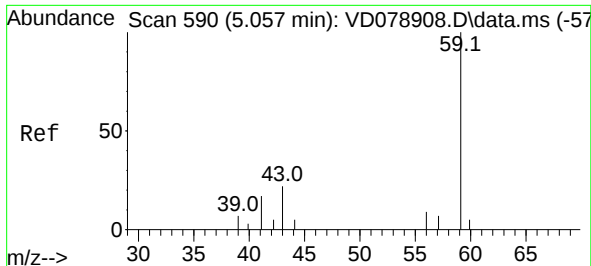
Tgt Ion:101 Resp: 6601
Ion Ratio Lower Upper
101 100
85 38.1 33.5 50.3
151 40.0 60.3 90.5#



#10
Methyl Iodide
Concen: 5.110 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD078905.D
Acq: 13 May 2024 10:23

Tgt Ion:142 Resp: 6537
Ion Ratio Lower Upper
142 100
127 41.8 34.2 51.4
141 14.1 11.7 17.5





#11

Tert butyl alcohol

Concen: 33.370 ug/l

RT: 5.046 min Scan# 51

Delta R.T. -0.011 min

Lab File: VD078905.D

Acq: 13 May 2024 10:23

Instrument :

MSVOA_D

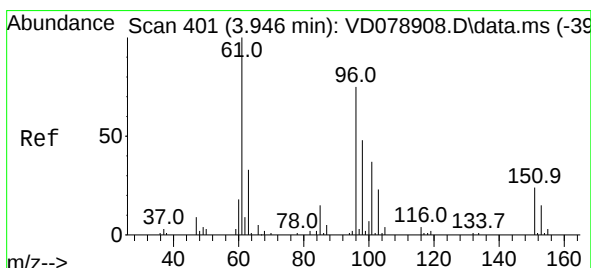
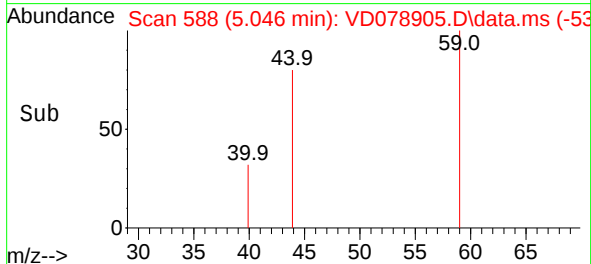
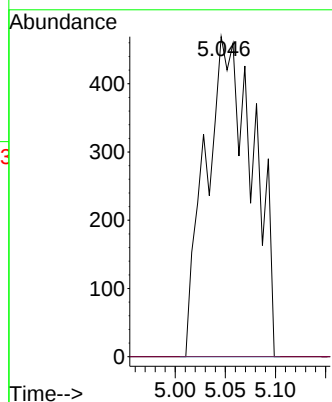
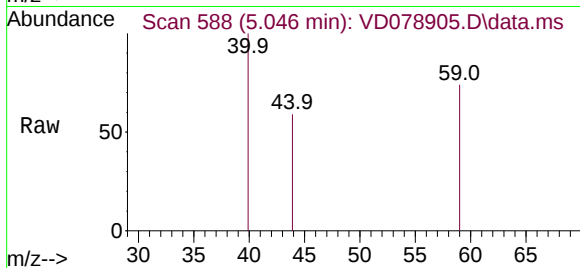
ClientSampleId :

Tgt Ion: 59 Resp: 1554

Ion Ratio Lower Upper

59 100

57 0.0 3.6 5.4#



#12

1,1-Dichloroethene

Concen: 5.835 ug/l

RT: 3.940 min Scan# 400

Delta R.T. -0.006 min

Lab File: VD078905.D

Acq: 13 May 2024 10:23

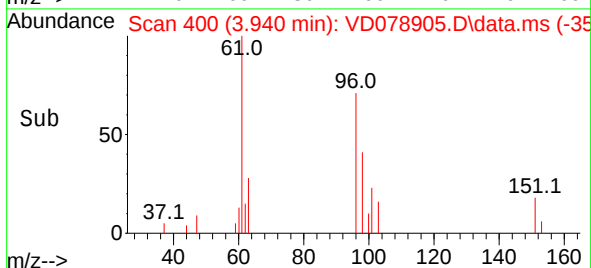
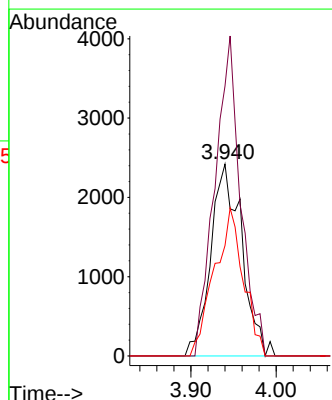
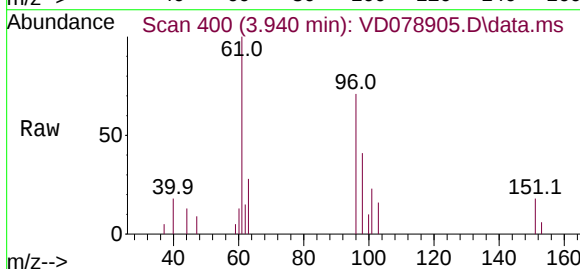
Tgt Ion: 96 Resp: 6116

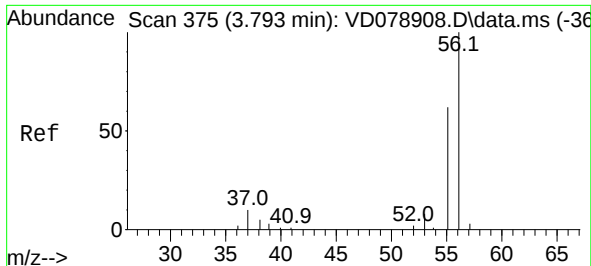
Ion Ratio Lower Upper

96 100

61 140.8 107.3 160.9

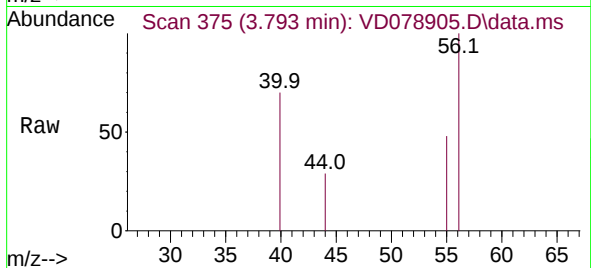
98 57.5 51.7 77.5



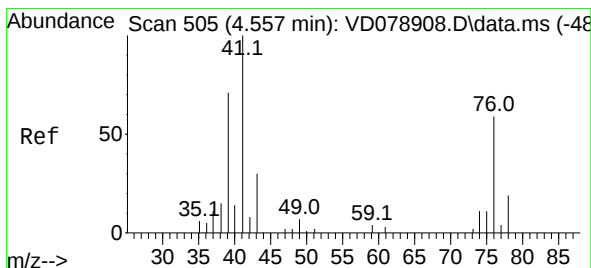
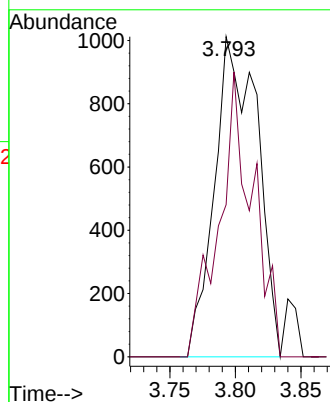
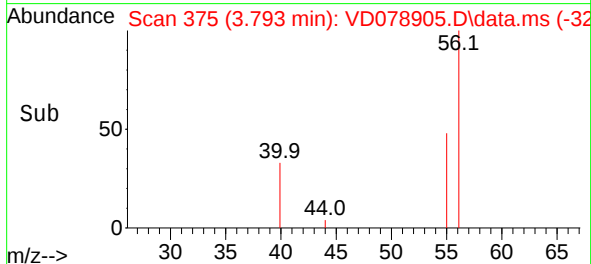


#13
Acrolein
Concen: 23.779 ug/l
RT: 3.793 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD078905.D
Acq: 13 May 2024 10:23

Instrument :
MSVOA_D
ClientSampleId :

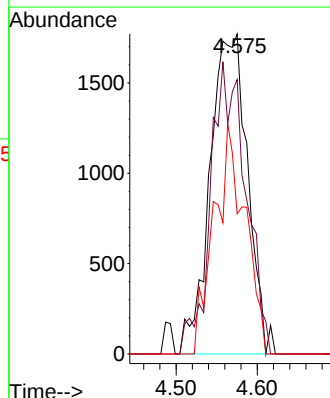
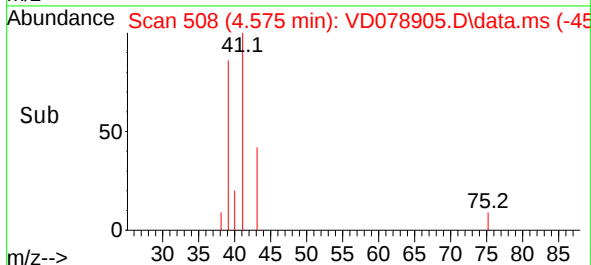
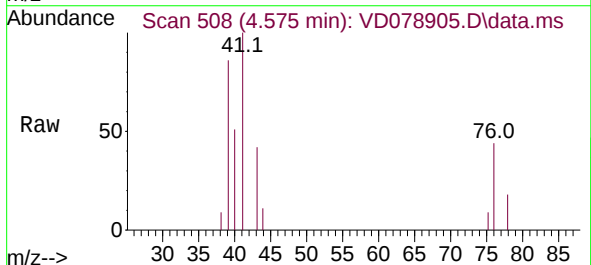


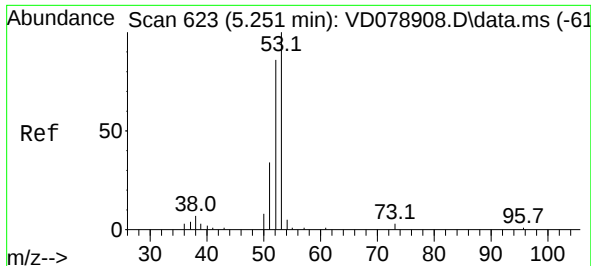
Tgt Ion: 56 Resp: 2299
Ion Ratio Lower Upper
56 100
55 70.7 55.3 82.9



#14
Allyl chloride
Concen: 5.562 ug/l
RT: 4.575 min Scan# 508
Delta R.T. 0.018 min
Lab File: VD078905.D
Acq: 13 May 2024 10:23

Tgt Ion: 41 Resp: 5689
Ion Ratio Lower Upper
41 100
39 85.6 58.0 87.0
76 59.1 45.9 68.9





#15

Acrylonitrile

Concen: 28.871 ug/l

RT: 5.263 min Scan# 61

Delta R.T. 0.012 min

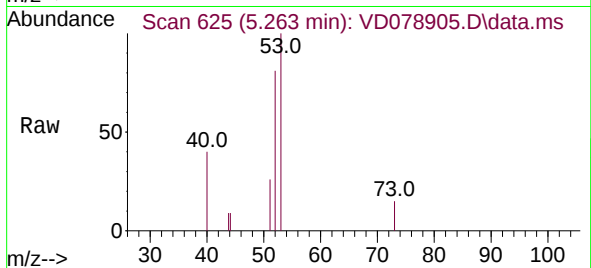
Lab File: VD078905.D

Acq: 13 May 2024 10:23

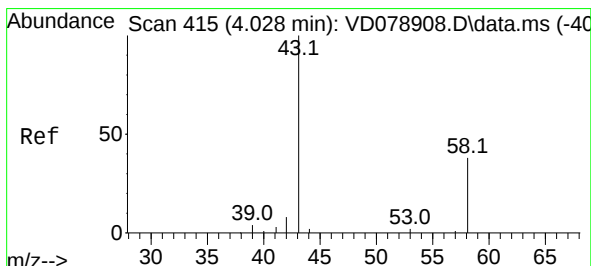
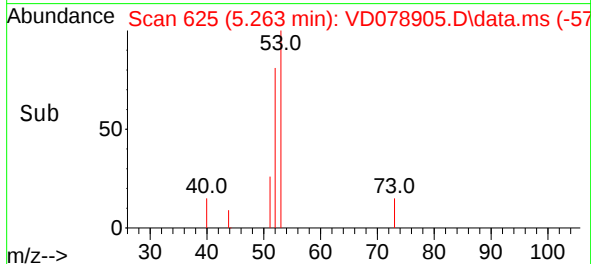
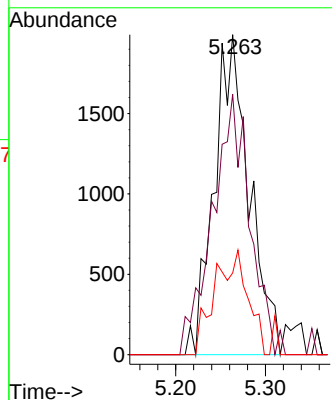
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	53	Resp:	5420
Ion	Ratio	Lower	Upper
53	100		
52	86.4	67.7	101.5
51	15.1	28.6	42.8#



#16

Acetone

Concen: 27.903 ug/l

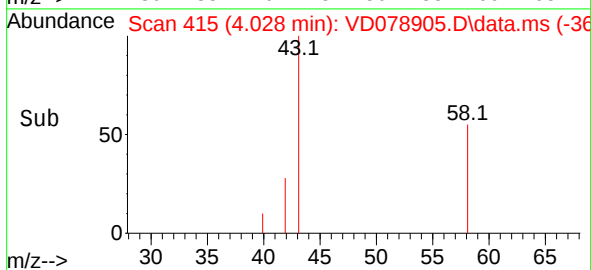
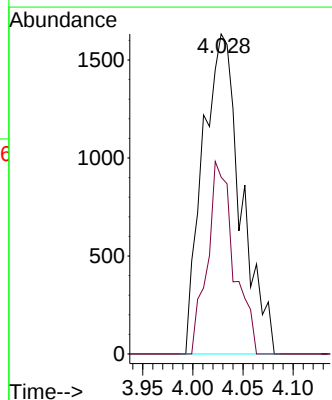
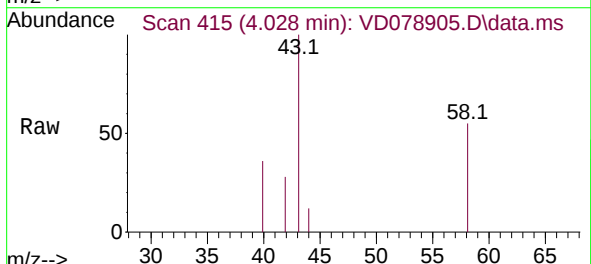
RT: 4.028 min Scan# 415

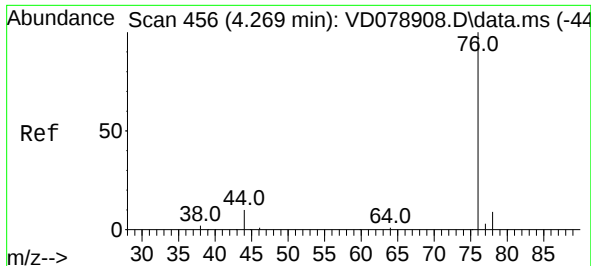
Delta R.T. 0.000 min

Lab File: VD078905.D

Acq: 13 May 2024 10:23

Tgt Ion:	43	Resp:	4321
Ion	Ratio	Lower	Upper
43	100		
58	55.2	30.4	45.6#





#17

Carbon Disulfide

Concen: 5.619 ug/l

RT: 4.269 min Scan# 41

Delta R.T. 0.000 min

Lab File: VD078905.D

Acq: 13 May 2024 10:23

Instrument :

MSVOA_D

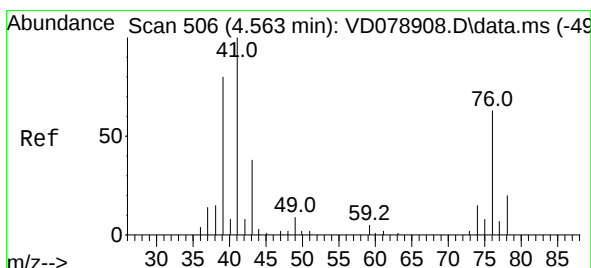
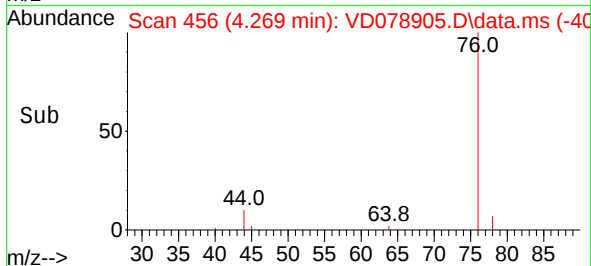
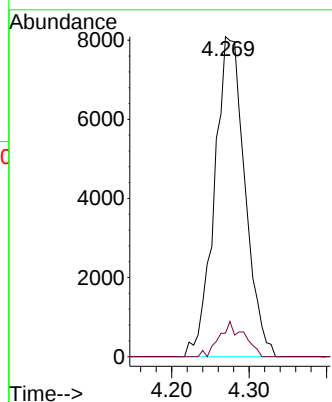
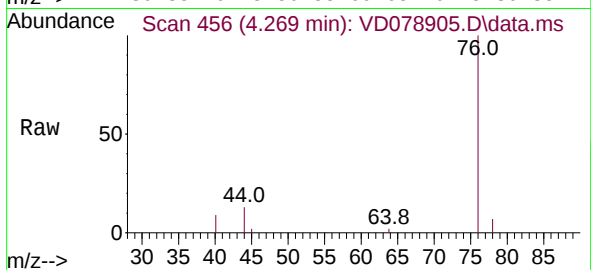
ClientSampleId :

Tgt Ion: 76 Resp: 22113

Ion Ratio Lower Upper

76 100

78 7.4 6.9 10.3



#18

Methyl Acetate

Concen: 6.064 ug/l

RT: 4.575 min Scan# 508

Delta R.T. 0.012 min

Lab File: VD078905.D

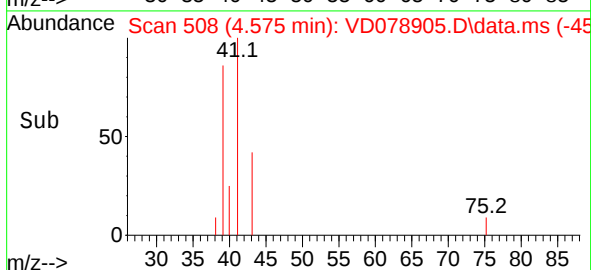
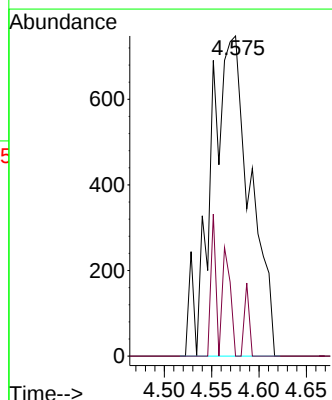
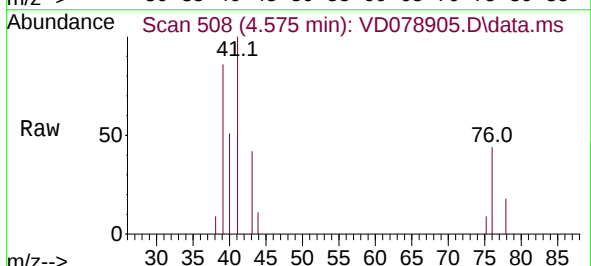
Acq: 13 May 2024 10:23

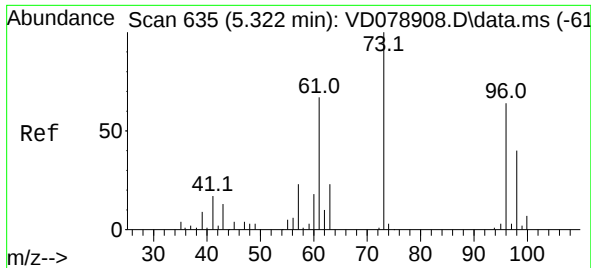
Tgt Ion: 43 Resp: 2162

Ion Ratio Lower Upper

43 100

74 2.8 28.1 42.1#





#19

Methyl tert-butyl Ether

Concen: 5.156 ug/l

RT: 5.334 min Scan# 61

Delta R.T. 0.012 min

Lab File: VD078905.D

Acq: 13 May 2024 10:23

Instrument :

MSVOA_D

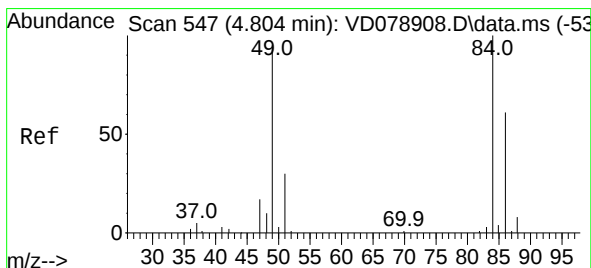
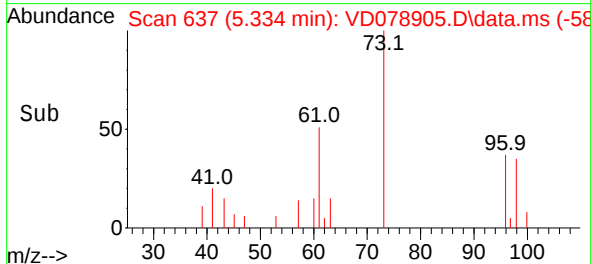
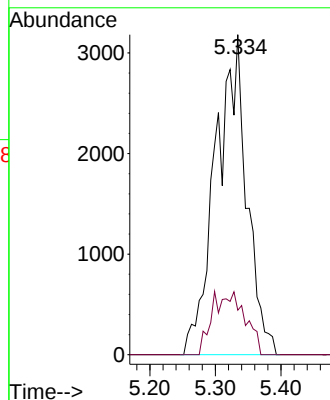
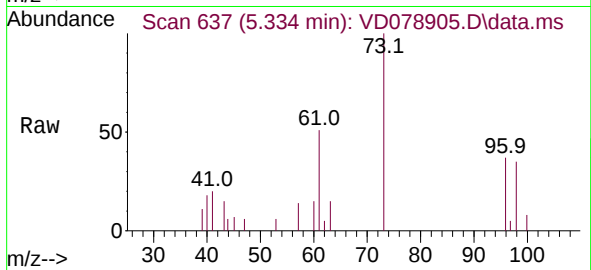
ClientSampleId :

Tgt Ion: 73 Resp: 10531

Ion Ratio Lower Upper

73 100

57 13.9 18.3 27.5#



#20

Methylene Chloride

Concen: 6.611 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.005 min

Lab File: VD078905.D

Acq: 13 May 2024 10:23

Tgt Ion: 84 Resp: 14390

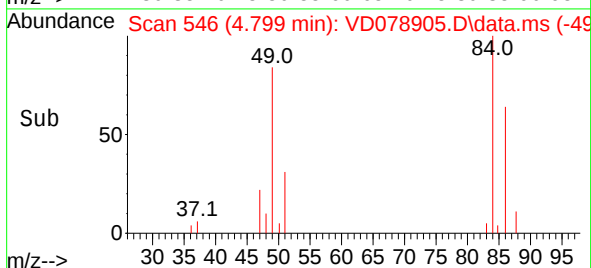
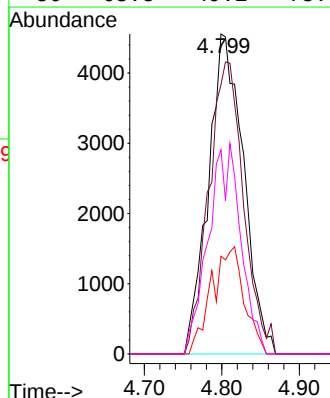
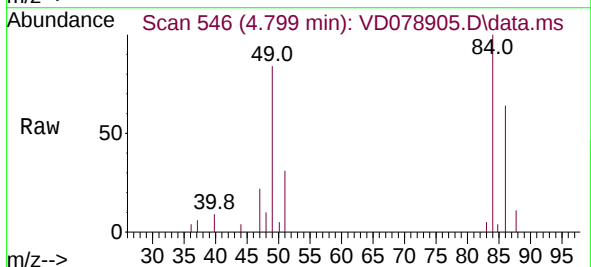
Ion Ratio Lower Upper

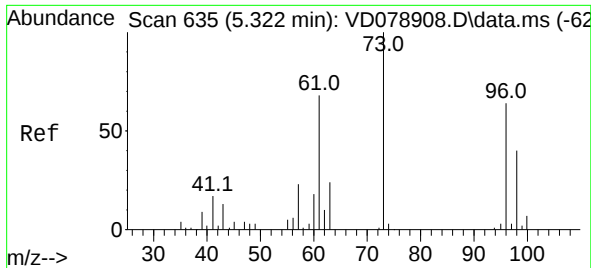
84 100

49 84.2 75.6 113.4

51 30.6 24.2 36.2

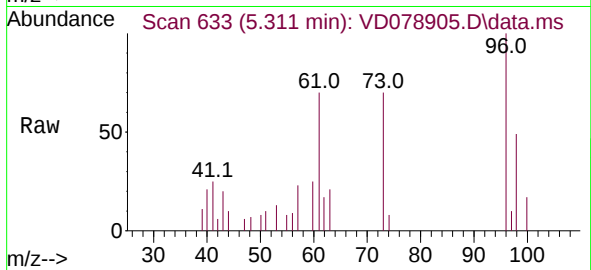
86 63.8 49.2 73.8



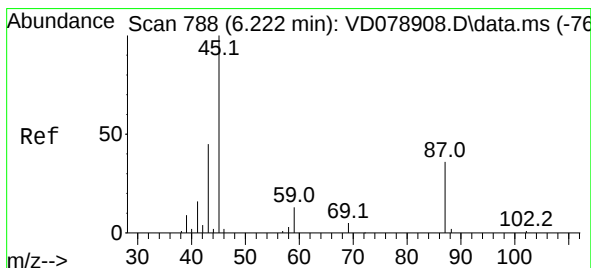
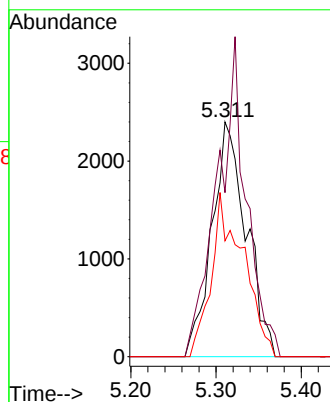
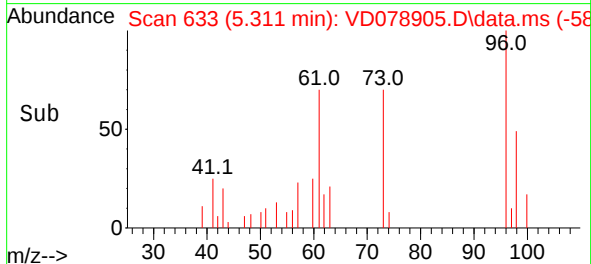


#21
trans-1,2-Dichloroethene
Concen: 5.752 ug/l
RT: 5.311 min Scan# 61
Delta R.T. -0.011 min
Lab File: VD078905.D
Acq: 13 May 2024 10:23

Instrument :
MSVOA_D
ClientSampleId :

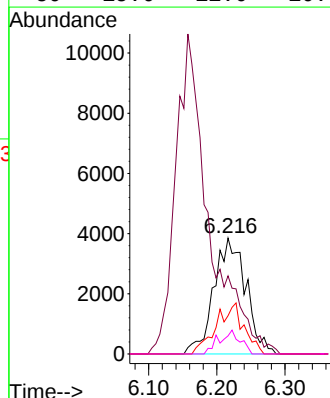
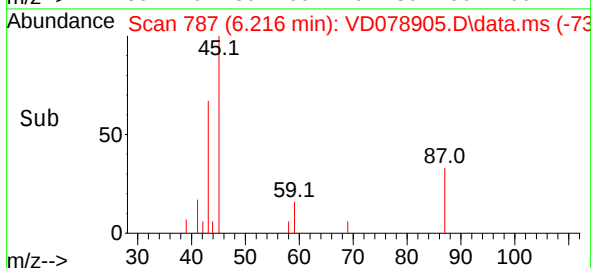
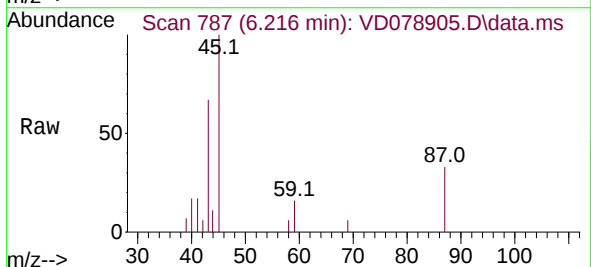


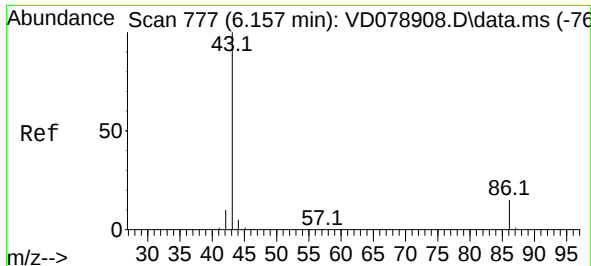
Tgt Ion: 96 Resp: 6720
Ion Ratio Lower Upper
96 100
61 69.9 84.5 126.7#
98 49.4 50.5 75.7#



#22
Diisopropyl ether
Concen: 5.441 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.005 min
Lab File: VD078905.D
Acq: 13 May 2024 10:23

Tgt Ion: 45 Resp: 12586
Ion Ratio Lower Upper
45 100
43 67.4 41.7 62.5#
87 33.1 30.2 45.2
59 15.6 11.0 16.6

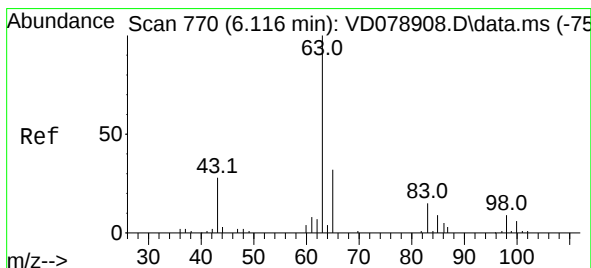
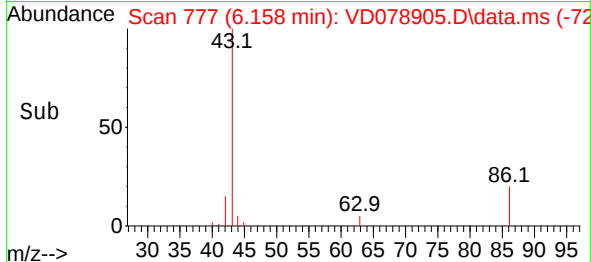
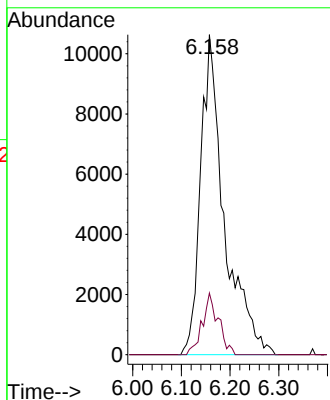
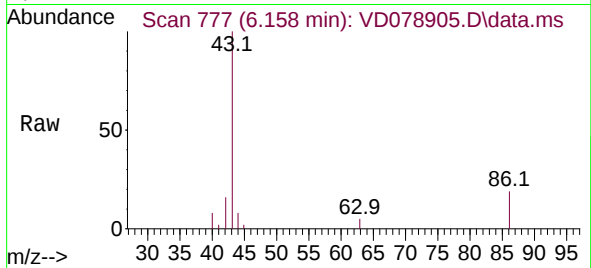




#23
 Vinyl Acetate
 Concen: 25.909 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD078905.D
 Acq: 13 May 2024 10:23

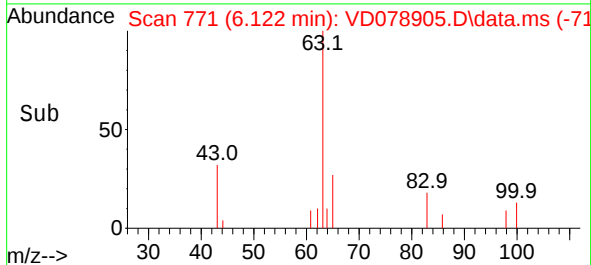
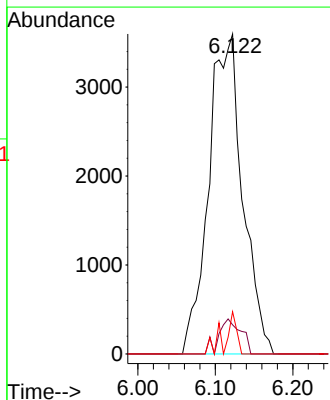
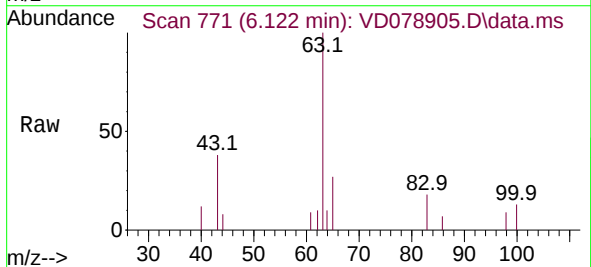
Instrument :
 MSVOA_D
 ClientSampleId :

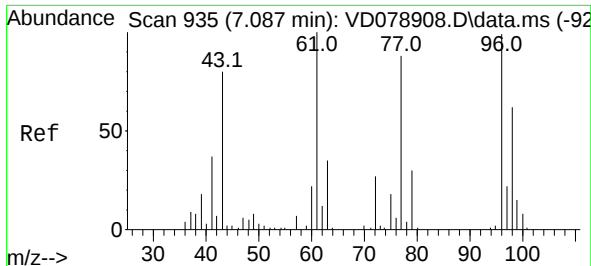
Tgt Ion: 43 Resp: 35949
 Ion Ratio Lower Upper
 43 100
 86 19.3 12.3 18.5#



#24
 1,1-Dichloroethane
 Concen: 5.965 ug/l
 RT: 6.122 min Scan# 771
 Delta R.T. 0.006 min
 Lab File: VD078905.D
 Acq: 13 May 2024 10:23

Tgt Ion: 63 Resp: 10938
 Ion Ratio Lower Upper
 63 100
 98 9.1 4.7 14.0
 100 13.2 2.9 8.6#





#25

2-Butanone

Concen: 27.101 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.005 min

Lab File: VD078905.D

Acq: 13 May 2024 10:23

Instrument :

MSVOA_D

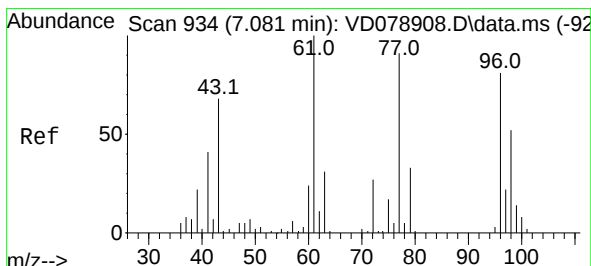
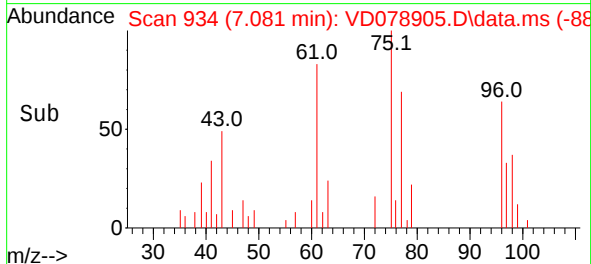
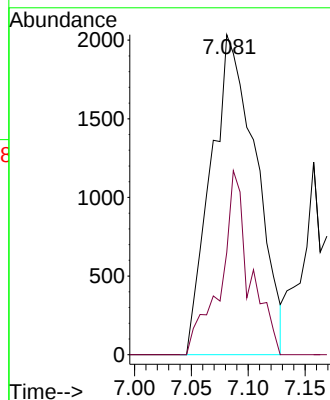
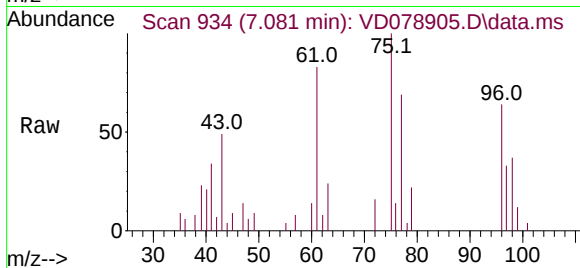
ClientSampleId :

Tgt Ion: 43 Resp: 5613

Ion Ratio Lower Upper

43 100

72 31.9 26.4 39.6



#26

2,2-Dichloropropane

Concen: 6.069 ug/l

RT: 7.075 min Scan# 933

Delta R.T. -0.005 min

Lab File: VD078905.D

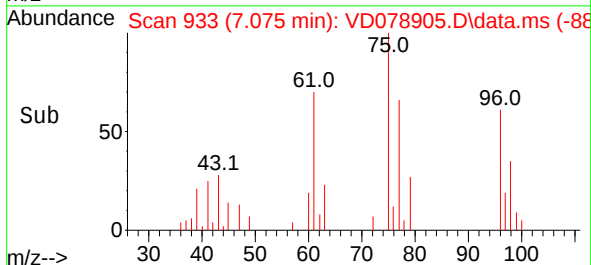
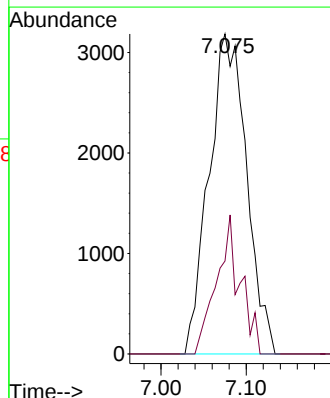
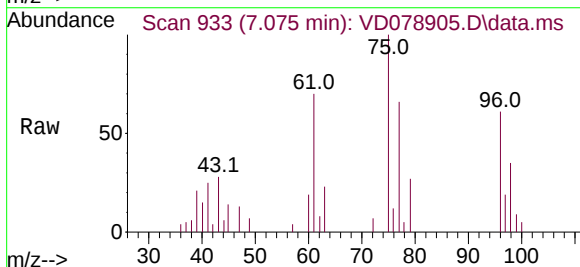
Acq: 13 May 2024 10:23

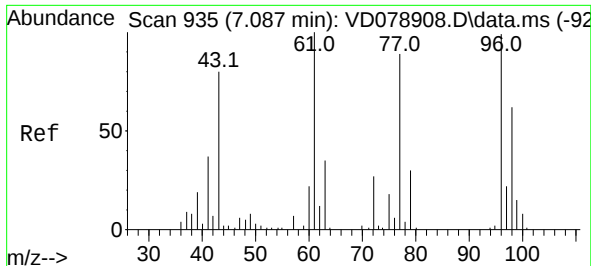
Tgt Ion: 77 Resp: 9780

Ion Ratio Lower Upper

77 100

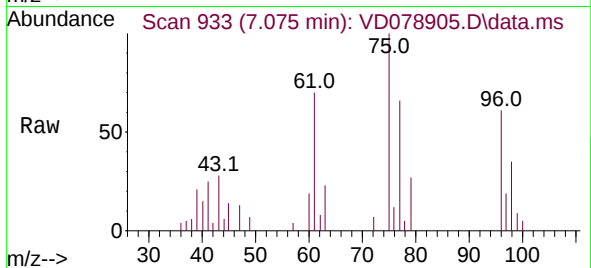
97 27.3 12.4 37.2





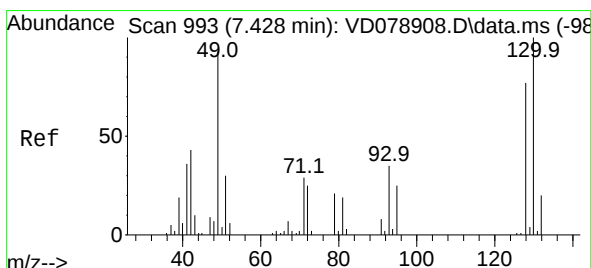
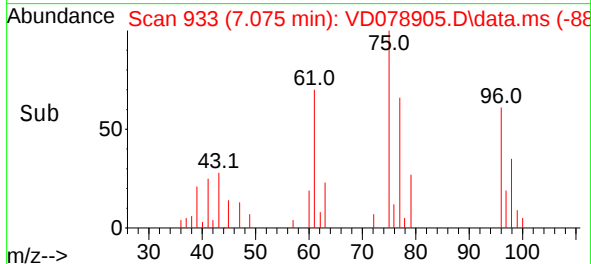
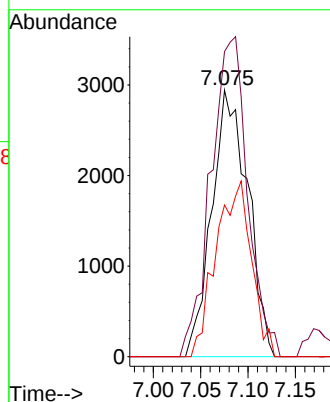
#27
 cis-1,2-Dichloroethene
 Concen: 5.679 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. -0.011 min
 Lab File: VD078905.D
 Acq: 13 May 2024 10:23

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 96 Resp: 7791

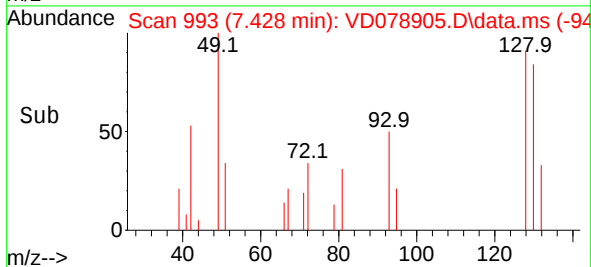
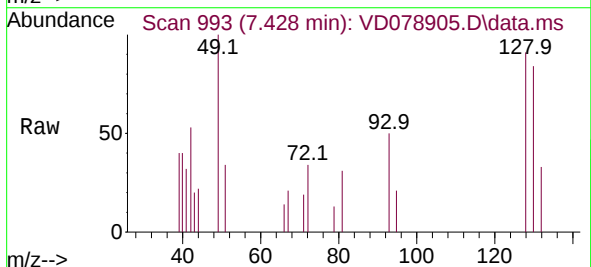
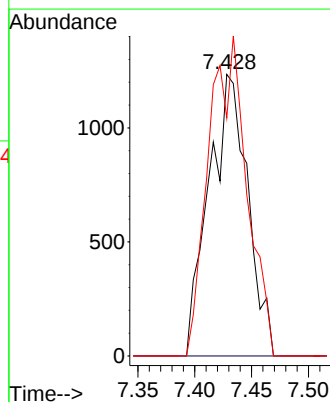
Ion	Ratio	Lower	Upper
96	100		
61	122.3	0.0	229.0
98	64.7	0.0	127.2

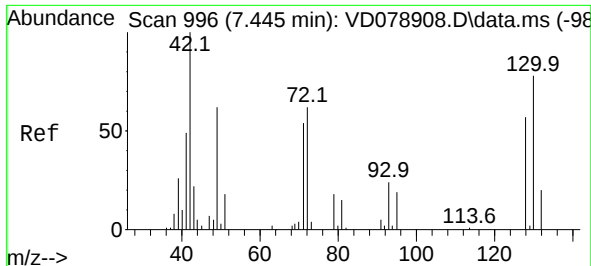


#28
 Bromochloromethane
 Concen: 4.788 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD078905.D
 Acq: 13 May 2024 10:23

Tgt Ion: 49 Resp: 2928

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	7.0
130	112.1	87.7	131.5





#29

Tetrahydrofuran

Concen: 25.544 ug/l

RT: 7.452 min Scan# 997

Delta R.T. 0.006 min

Lab File: VD078905.D

Acq: 13 May 2024 10:23

Instrument :

MSVOA_D

ClientSampleId :

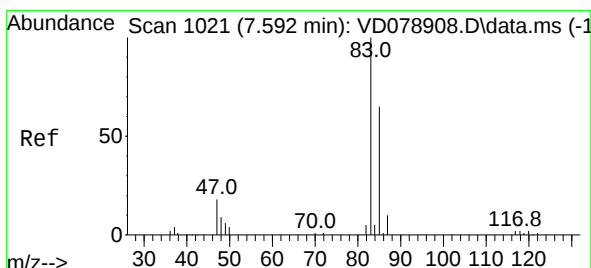
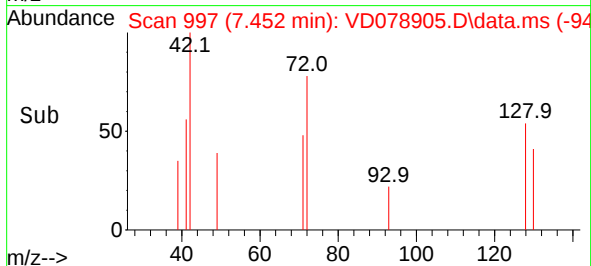
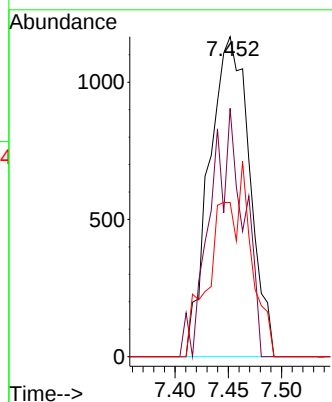
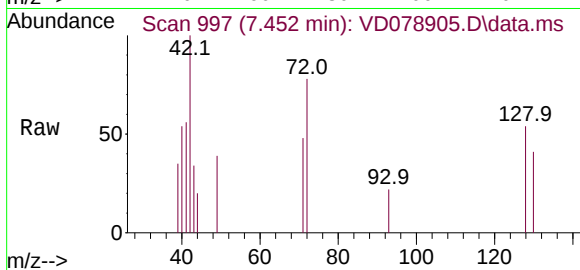
Tgt Ion: 42 Resp: 3060

Ion Ratio Lower Upper

42 100

72 31.6 49.4 74.0#

71 34.9 45.0 67.6#



#30

Chloroform

Concen: 6.038 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VD078905.D

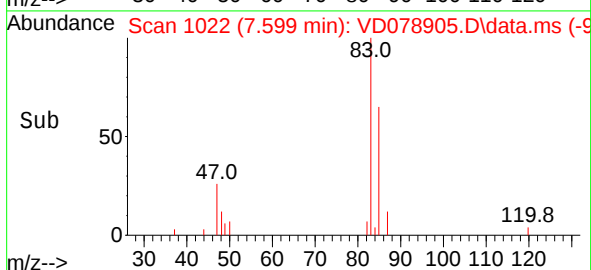
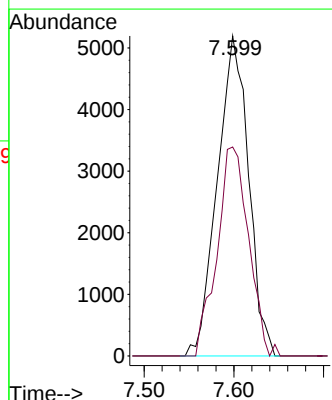
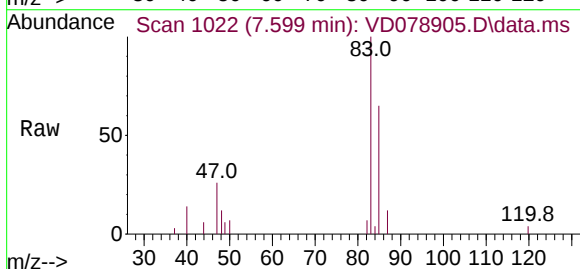
Acq: 13 May 2024 10:23

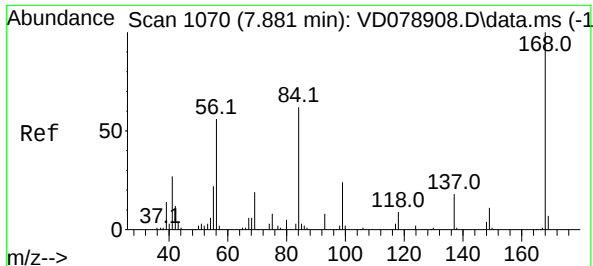
Tgt Ion: 83 Resp: 12542

Ion Ratio Lower Upper

83 100

85 65.3 51.8 77.6





#31

Cyclohexane

Concen: 6.057 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD078905.D

Acq: 13 May 2024 10:23

Instrument :

MSVOA_D

ClientSampleId :

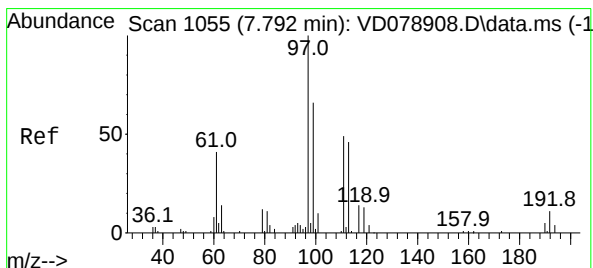
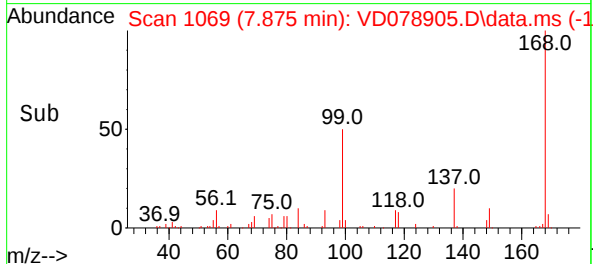
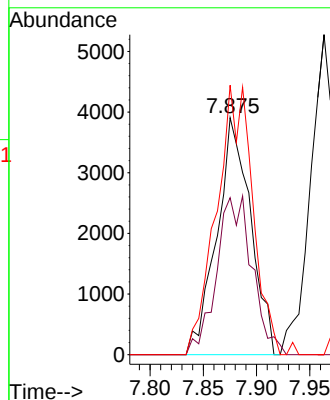
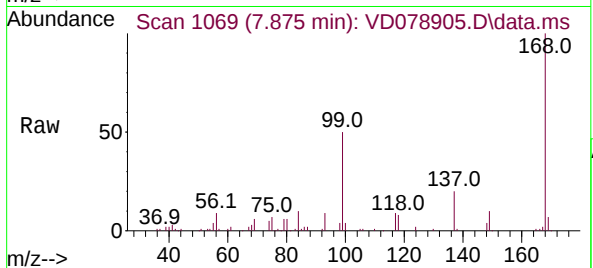
Tgt Ion: 56 Resp: 8595

Ion Ratio Lower Upper

56 100

69 66.3 28.0 42.0#

84 113.7 87.4 131.0



#32

1,1,1-Trichloroethane

Concen: 5.753 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VD078905.D

Acq: 13 May 2024 10:23

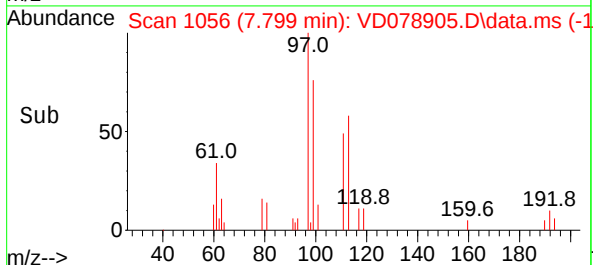
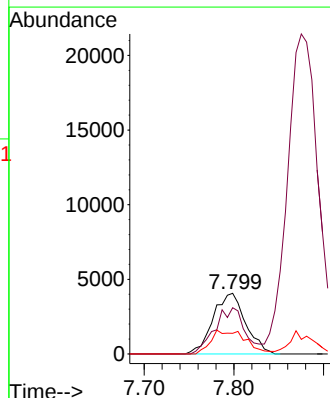
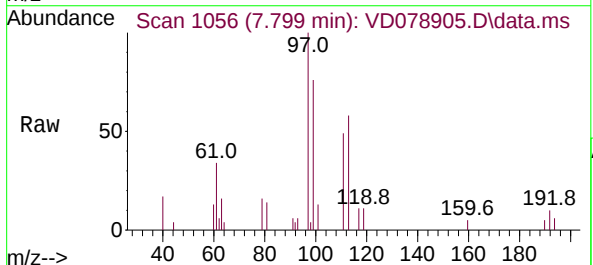
Tgt Ion: 97 Resp: 10233

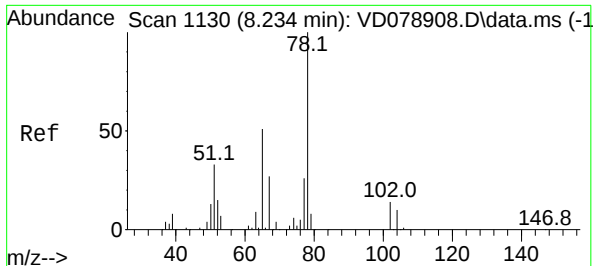
Ion Ratio Lower Upper

97 100

99 70.2 51.3 76.9

61 41.1 31.4 47.2

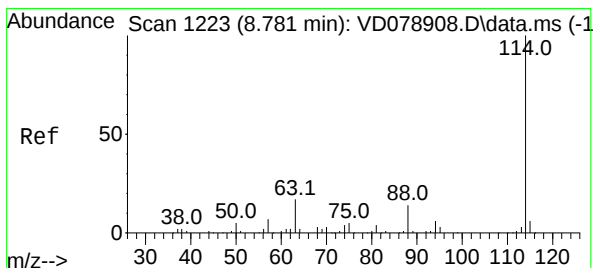
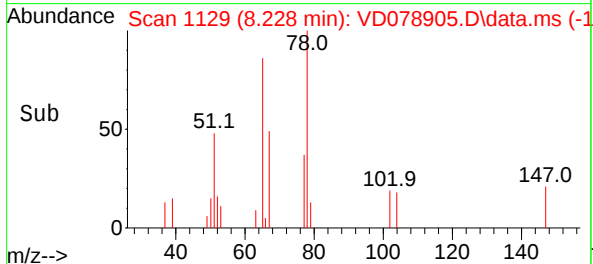
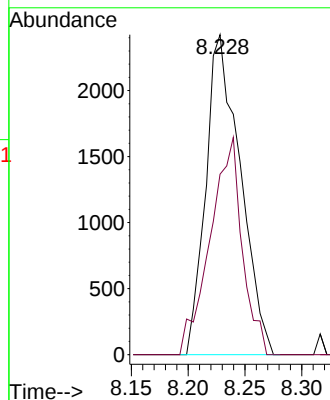
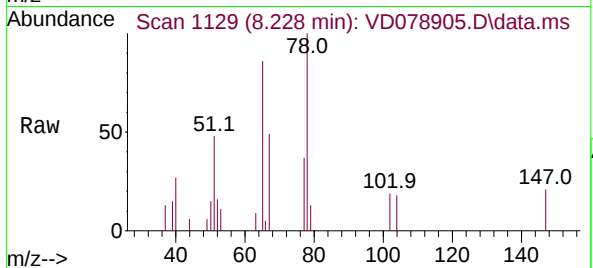




#33
 1,2-Dichloroethane-d4
 Concen: 5.251 ug/l
 RT: 8.228 min Scan# 1129
 Delta R.T. -0.006 min
 Lab File: VD078905.D
 Acq: 13 May 2024 10:23

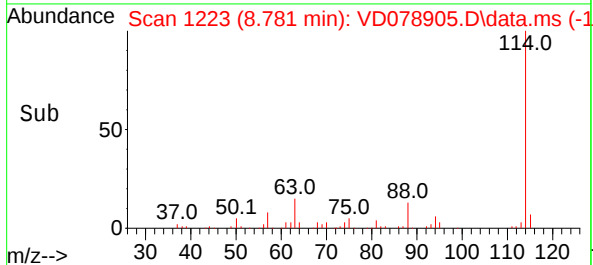
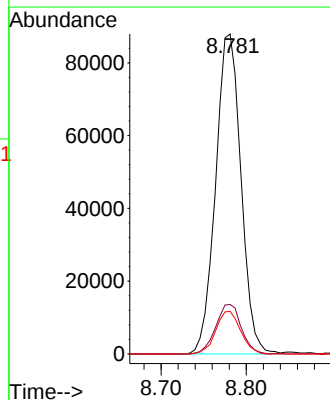
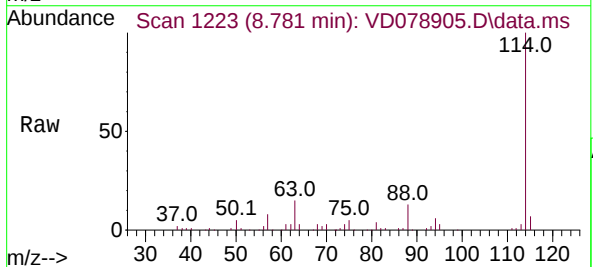
Instrument :
 MSVOA_D
 ClientSampleId :

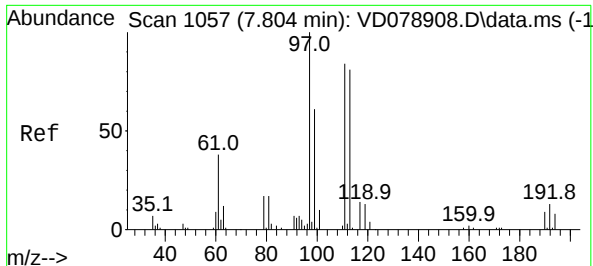
Tgt Ion: 65 Resp: 5100
 Ion Ratio Lower Upper
 65 100
 67 63.2 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.781 min Scan# 1223
 Delta R.T. 0.000 min
 Lab File: VD078905.D
 Acq: 13 May 2024 10:23

Tgt Ion: 114 Resp: 181552
 Ion Ratio Lower Upper
 114 100
 63 15.5 0.0 34.0
 88 13.3 0.0 27.2





#35

Dibromofluoromethane

Concen: 5.465 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

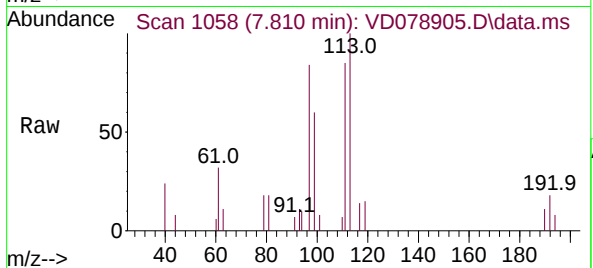
Lab File: VD078905.D

Acq: 13 May 2024 10:23

Instrument :

MSVOA_D

ClientSampleId :



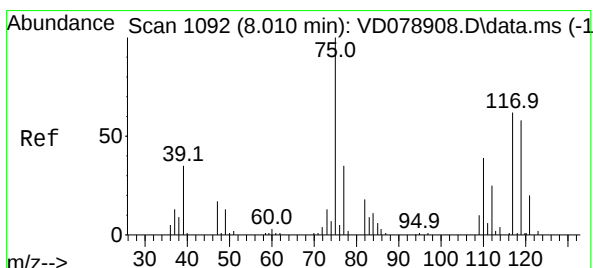
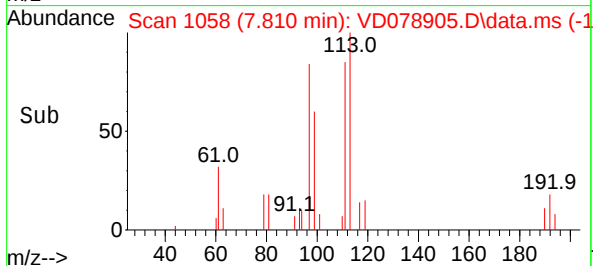
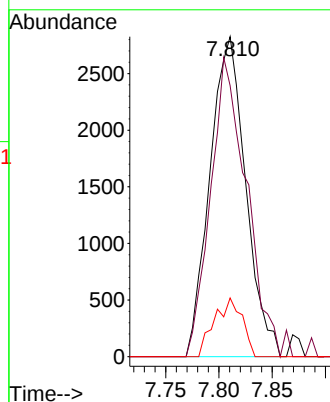
Tgt Ion:113 Resp: 6605

Ion Ratio Lower Upper

113 100

111 94.5 84.0 126.0

192 14.2 15.4 23.0#



#36

1,1-Dichloropropene

Concen: 5.561 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD078905.D

Acq: 13 May 2024 10:23

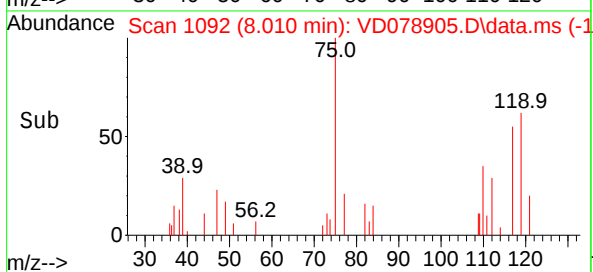
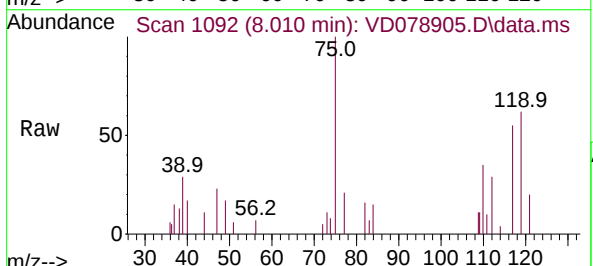
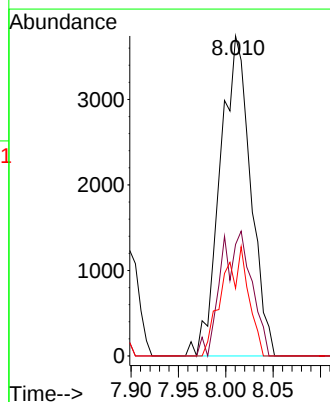
Tgt Ion: 75 Resp: 8363

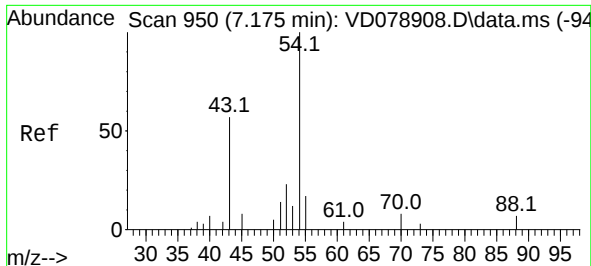
Ion Ratio Lower Upper

75 100

110 39.1 19.6 58.7

77 29.4 26.1 39.1





#37

Ethyl Acetate

Concen: 1.214 ug/l

RT: 7.157 min Scan# 947

Delta R.T. -0.017 min

Lab File: VD078905.D

Acq: 13 May 2024 10:23

Instrument :

MSVOA_D

ClientSampleId :

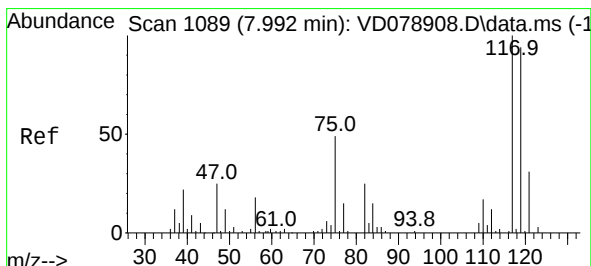
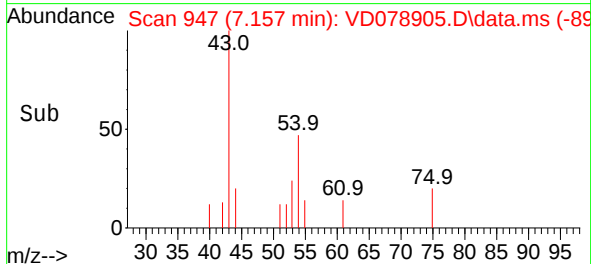
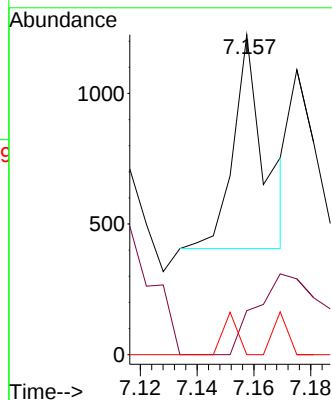
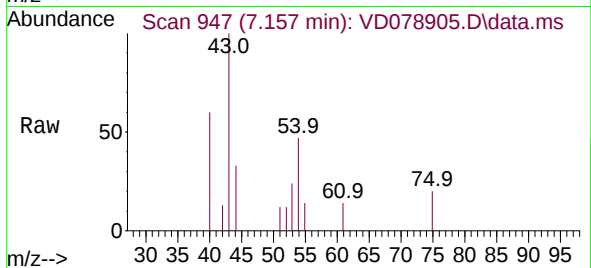
Tgt Ion: 43 Resp: 622

Ion Ratio Lower Upper

43 100

61 0.0 13.9 20.9#

70 9.2 9.8 14.6#



#38

Carbon Tetrachloride

Concen: 5.652 ug/l

RT: 7.999 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD078905.D

Acq: 13 May 2024 10:23

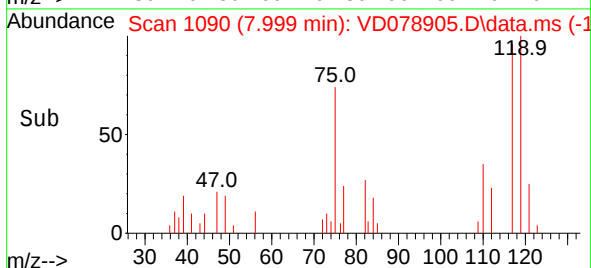
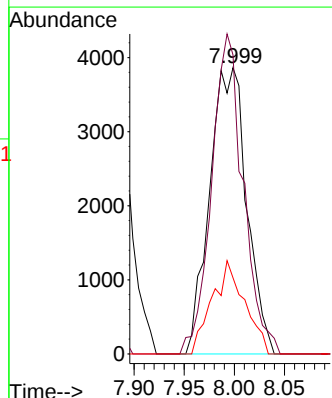
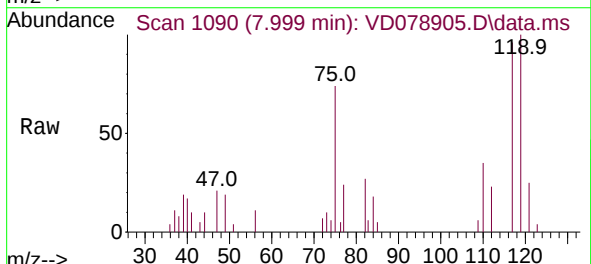
Tgt Ion: 117 Resp: 9947

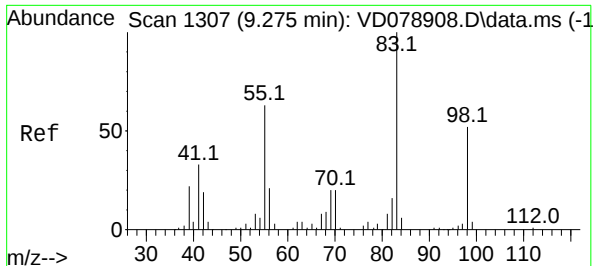
Ion Ratio Lower Upper

117 100

119 104.5 75.4 113.0

121 26.6 25.0 37.4

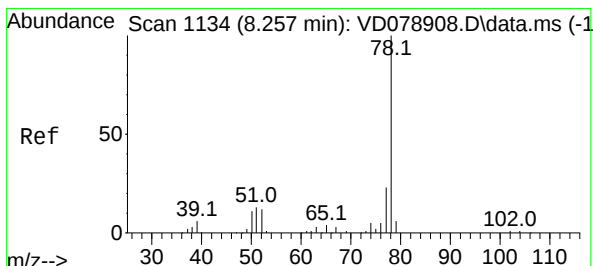
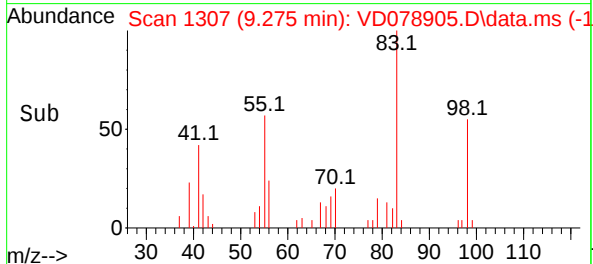
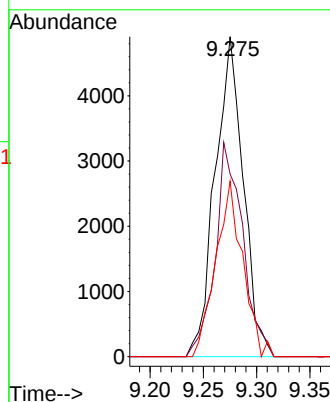
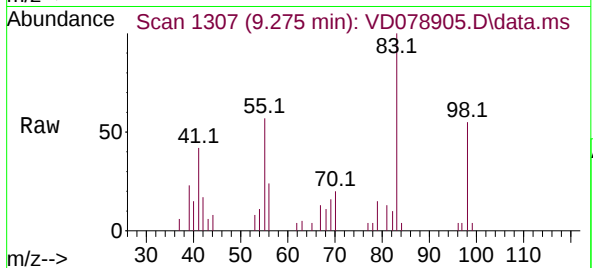




#39
Methylcyclohexane
Concen: 4.933 ug/l
RT: 9.275 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078905.D
Acq: 13 May 2024 10:23

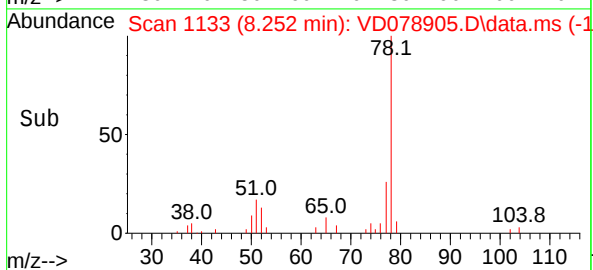
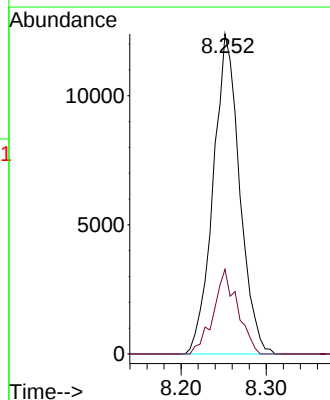
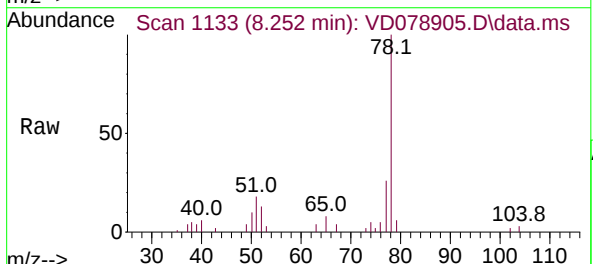
Instrument :
MSVOA_D
ClientSampleId :

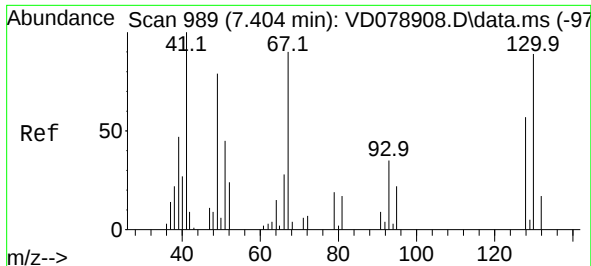
Tgt Ion:	83	Resp:	9014
Ion	Ratio	Lower	Upper
83	100		
55	57.1	50.1	75.1
98	54.8	41.9	62.9



#40
Benzene
Concen: 5.495 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. -0.006 min
Lab File: VD078905.D
Acq: 13 May 2024 10:23

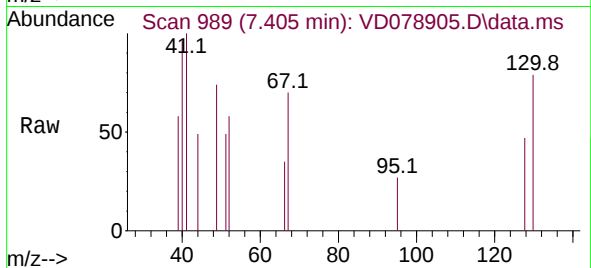
Tgt Ion:	78	Resp:	26729
Ion	Ratio	Lower	Upper
78	100		
77	26.5	18.1	27.1



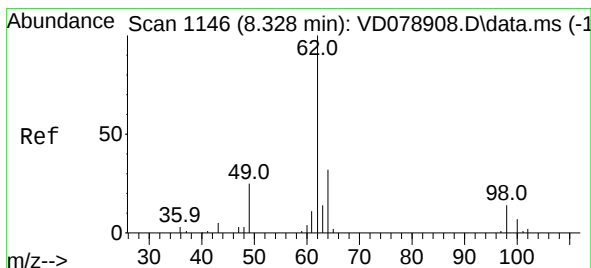
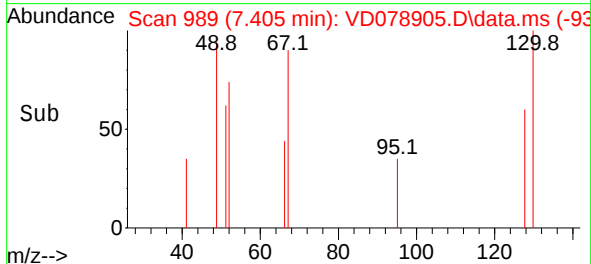
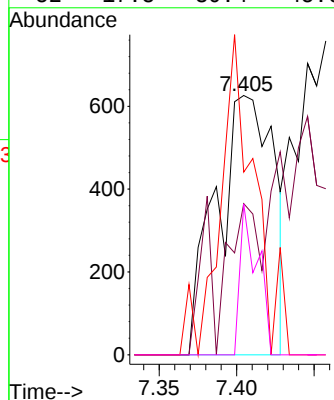


#41
Methacrylonitrile
Concen: 5.831 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078905.D
Acq: 13 May 2024 10:23

Instrument :
MSVOA_D
ClientSampleId :

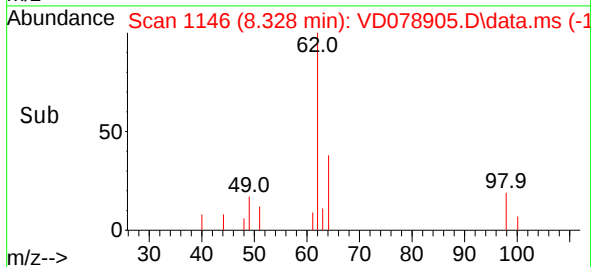
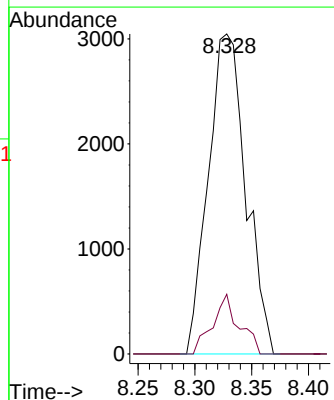
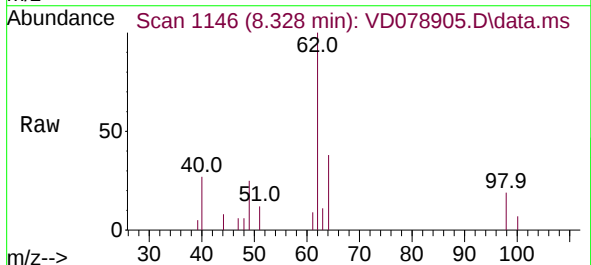


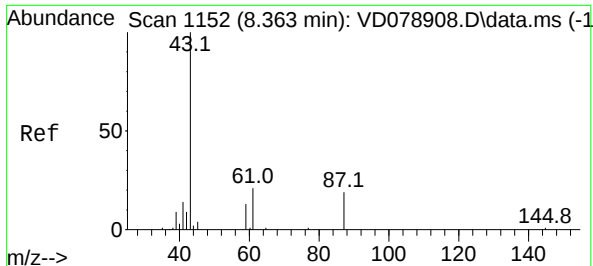
Tgt Ion: 41 Resp: 1608
Ion Ratio Lower Upper
41 100
39 31.3 41.4 62.0#
67 74.4 85.8 128.6#
52 17.8 30.4 45.6#



#42
1,2-Dichloroethane
Concen: 5.949 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078905.D
Acq: 13 May 2024 10:23

Tgt Ion: 62 Resp: 7004
Ion Ratio Lower Upper
62 100
98 13.1 0.0 25.8





#43

Isopropyl Acetate

Concen: 5.240 ug/l

RT: 8.369 min Scan# 1153

Delta R.T. 0.006 min

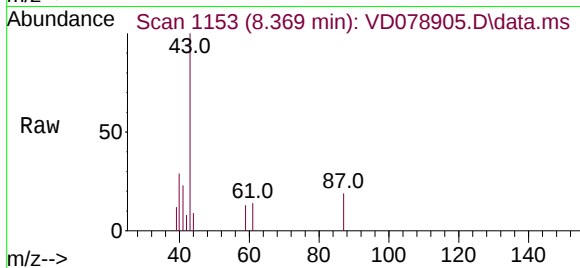
Lab File: VD078905.D

Acq: 13 May 2024 10:23

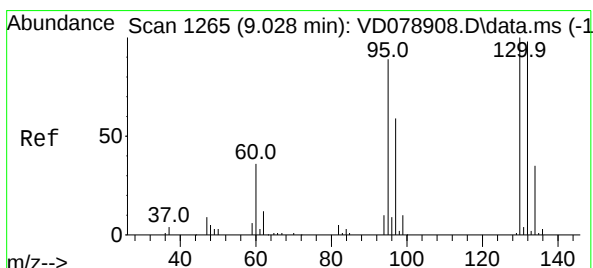
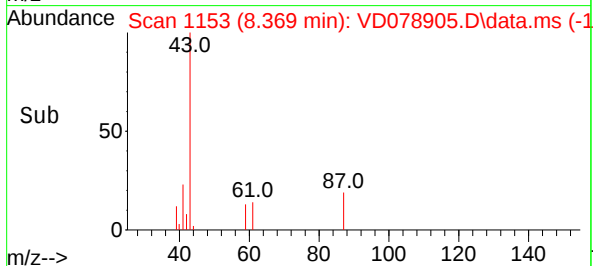
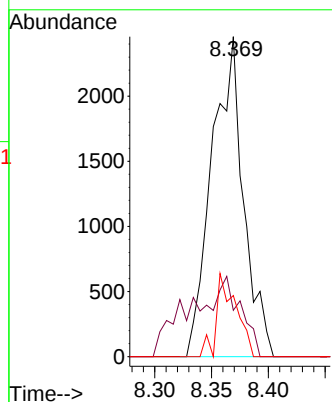
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43	Resp: 4765
Ion Ratio	Lower Upper
43	100
61	17.7 29.3 43.9#
87	16.3 14.9 22.3



#44

Trichloroethene

Concen: 5.781 ug/l

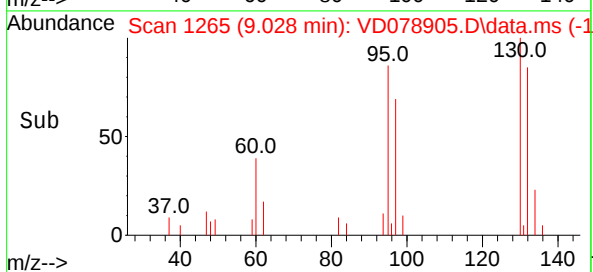
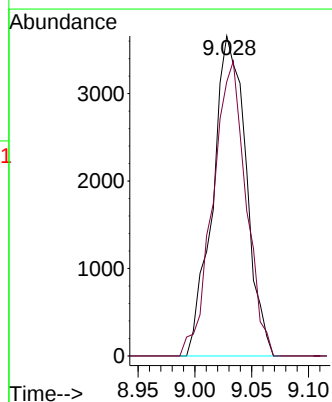
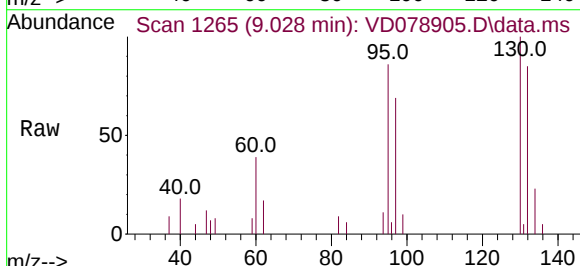
RT: 9.028 min Scan# 1265

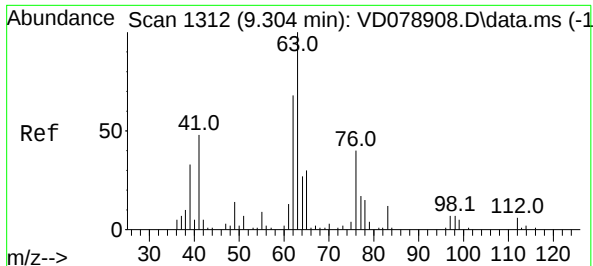
Delta R.T. 0.000 min

Lab File: VD078905.D

Acq: 13 May 2024 10:23

Tgt Ion: 130	Resp: 7459
Ion Ratio	Lower Upper
130	100
95	85.7 0.0 177.8

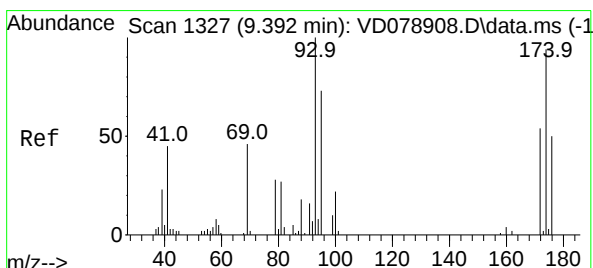
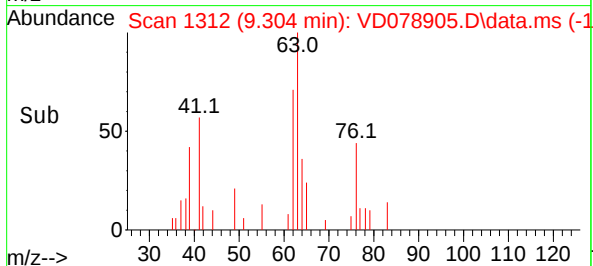
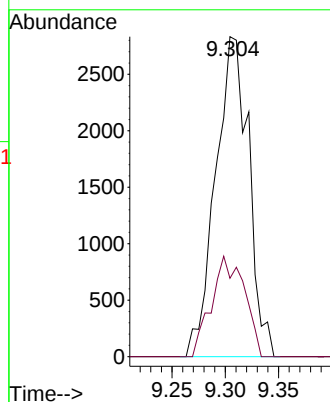
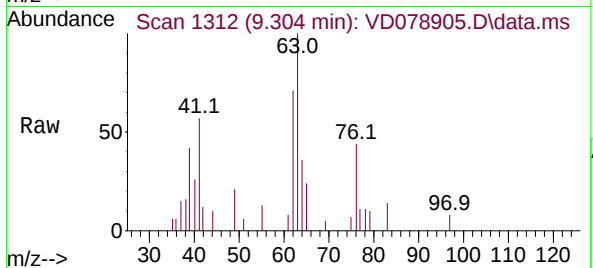




#45
1,2-Dichloropropane
Concen: 5.745 ug/l
RT: 9.304 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD078905.D
Acq: 13 May 2024 10:23

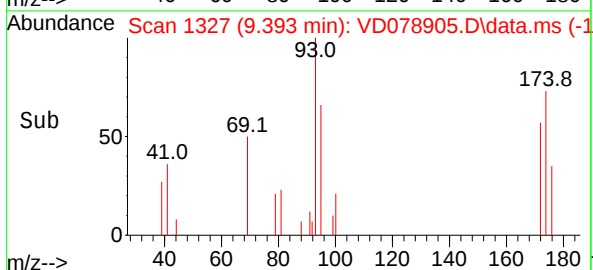
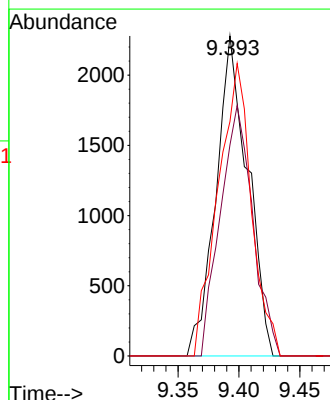
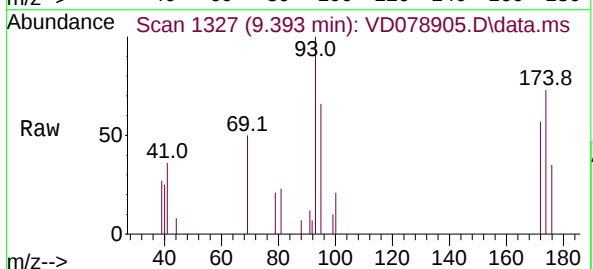
Instrument :
MSVOA_D
ClientSampleId :

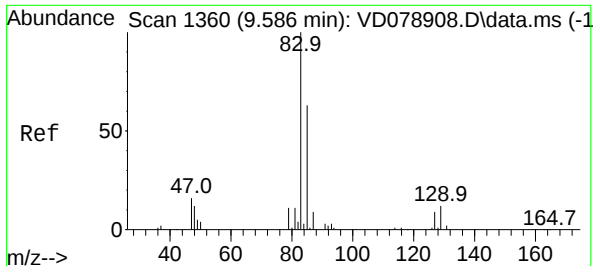
Tgt Ion: 63 Resp: 6141
Ion Ratio Lower Upper
63 100
65 24.5 23.8 35.8



#46
Dibromomethane
Concen: 5.886 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. 0.000 min
Lab File: VD078905.D
Acq: 13 May 2024 10:23

Tgt Ion: 93 Resp: 4142
Ion Ratio Lower Upper
93 100
95 79.9 65.6 98.4
174 95.8 82.3 123.5





#47

Bromodichloromethane

Concen: 5.729 ug/l

RT: 9.587 min Scan# 1360

Delta R.T. 0.000 min

Lab File: VD078905.D

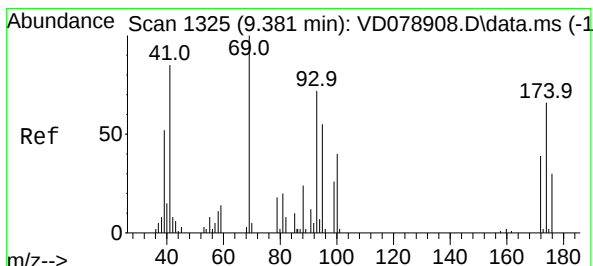
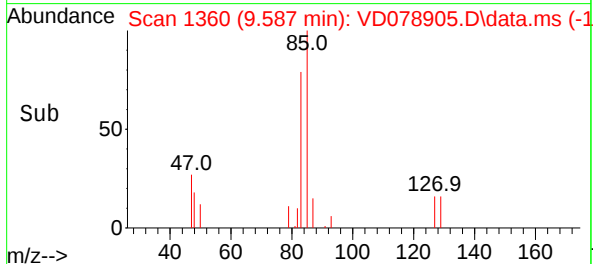
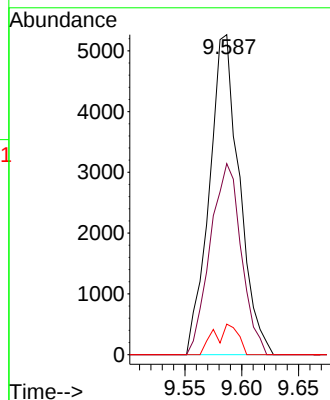
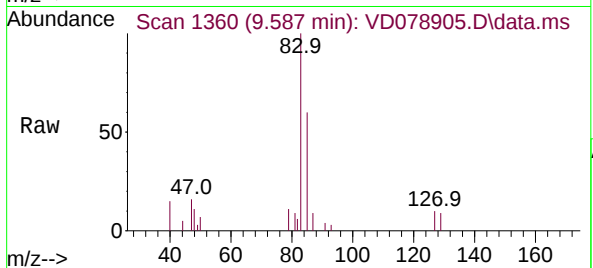
Acq: 13 May 2024 10:23

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 83	Resp: 9704
Ion Ratio	Lower Upper
83	100
85	59.7 50.1 75.1
127	9.6 6.8 10.2



#48

Methyl methacrylate

Concen: 5.329 ug/l

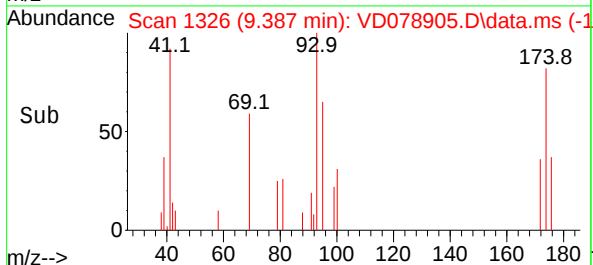
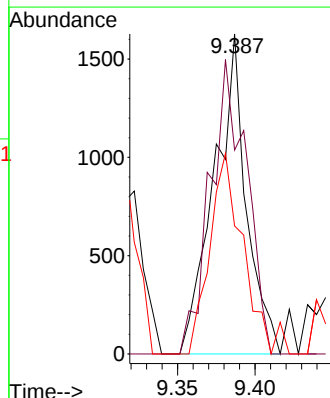
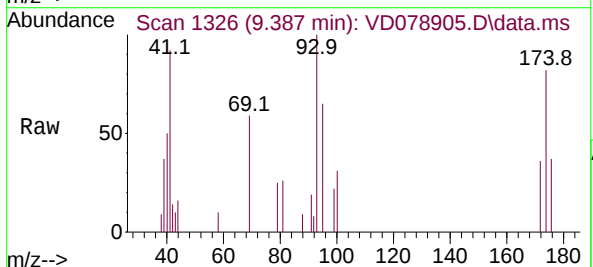
RT: 9.387 min Scan# 1326

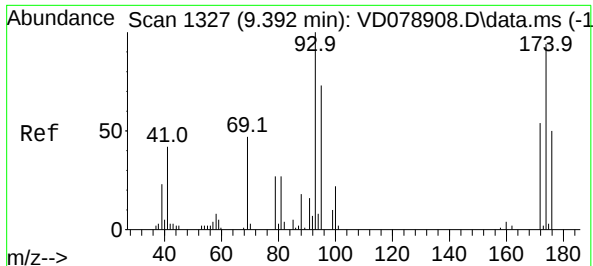
Delta R.T. 0.006 min

Lab File: VD078905.D

Acq: 13 May 2024 10:23

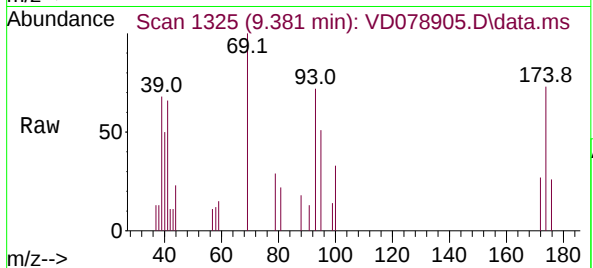
Tgt Ion: 41	Resp: 2359
Ion Ratio	Lower Upper
41	100
69	102.9 96.7 145.1
39	65.2 43.8 65.6



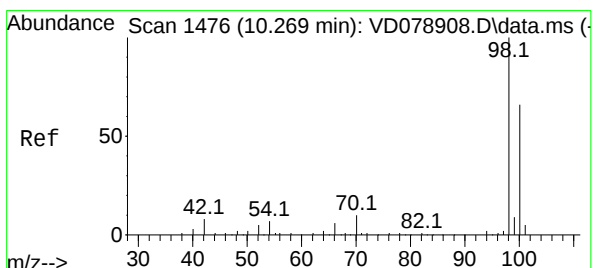
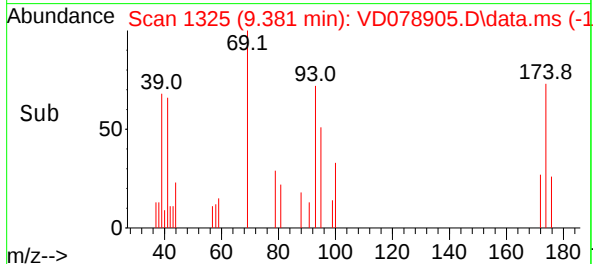
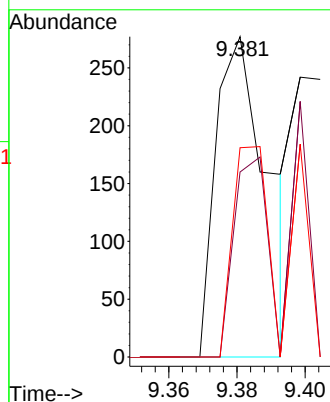


#49
1,4-Dioxane
Concen: 47.175 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.011 min
Lab File: VD078905.D
Acq: 13 May 2024 10:23

Instrument :
MSVOA_D
ClientSampleId :

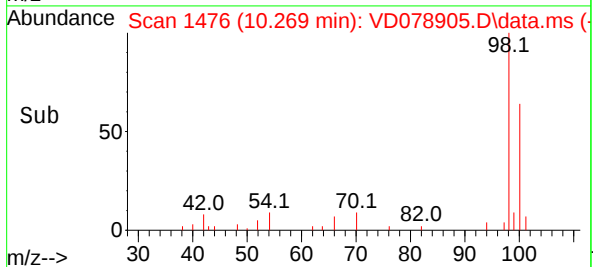
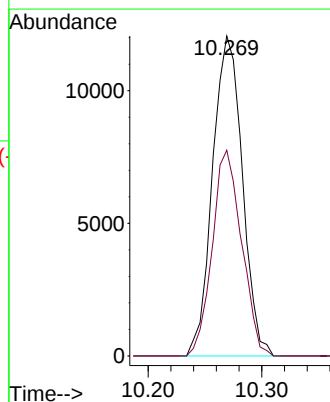
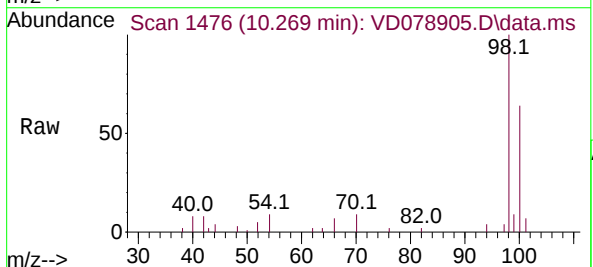


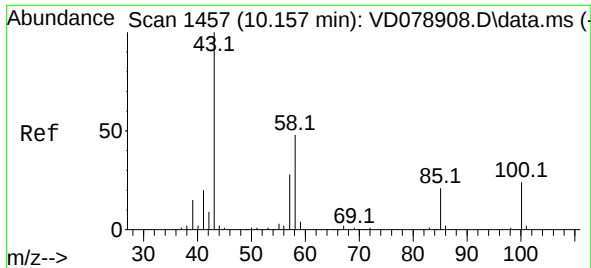
Tgt Ion: 88 Resp: 292
Ion Ratio Lower Upper
88 100
43 0.0 21.5 32.3#
58 66.1 42.2 63.4#



#50
Toluene-d8
Concen: 4.849 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078905.D
Acq: 13 May 2024 10:23

Tgt Ion: 98 Resp: 21968
Ion Ratio Lower Upper
98 100
100 63.2 51.6 77.4

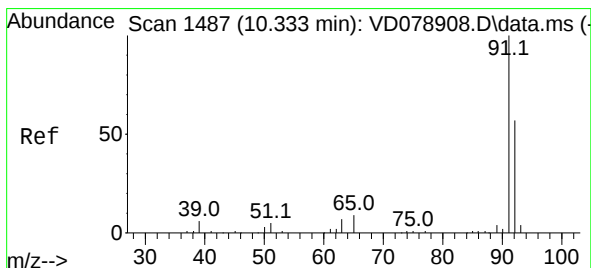
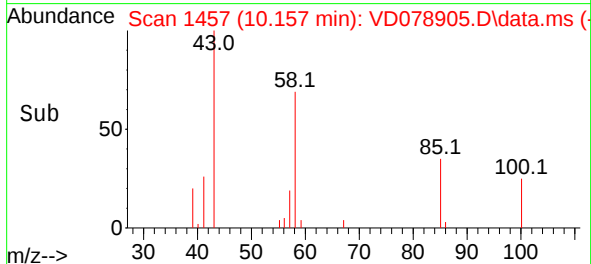
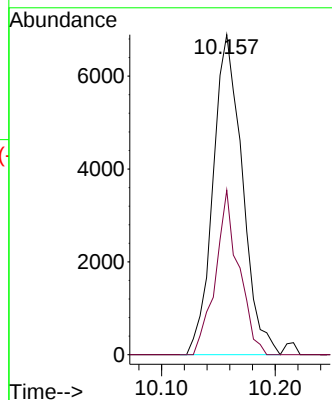
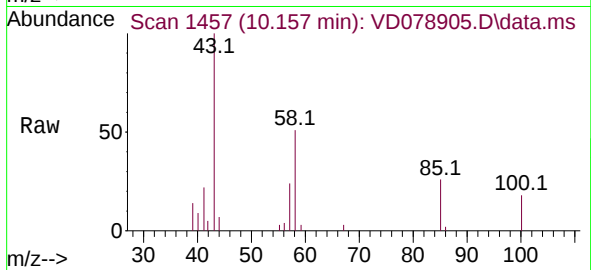




#51
4-Methyl-2-Pentanone
Concen: 25.498 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078905.D
Acq: 13 May 2024 10:23

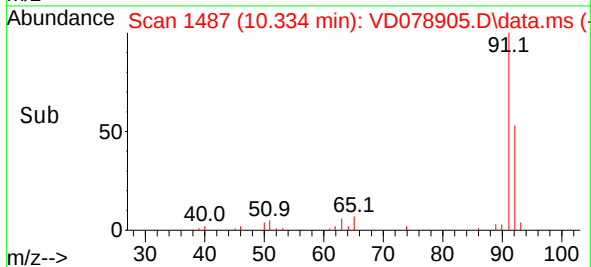
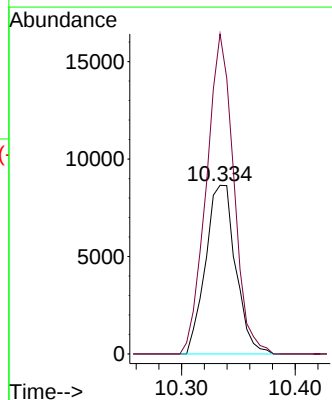
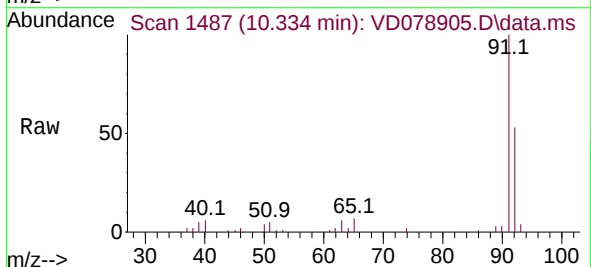
Instrument :
MSVOA_D
ClientSampleId :

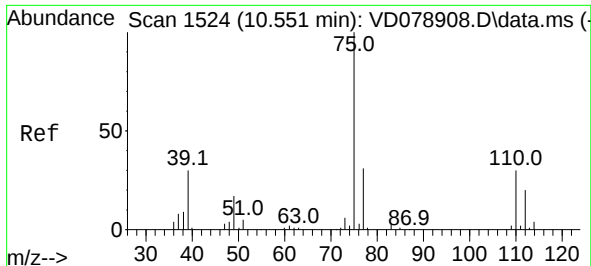
Tgt Ion: 43 Resp: 12351
Ion Ratio Lower Upper
43 100
58 40.9 36.6 55.0



#52
Toluene
Concen: 5.117 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078905.D
Acq: 13 May 2024 10:23

Tgt Ion: 92 Resp: 15933
Ion Ratio Lower Upper
92 100
91 172.6 141.7 212.5





#53

t-1,3-Dichloropropene

Concen: 5.171 ug/l

RT: 10.557 min Scan# 1524

Delta R.T. 0.006 min

Lab File: VD078905.D

Acq: 13 May 2024 10:23

Instrument :

MSVOA_D

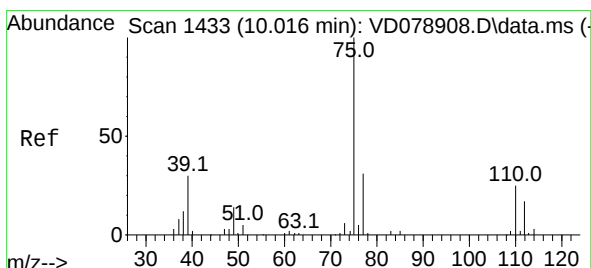
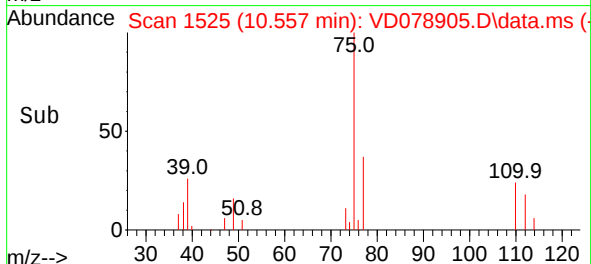
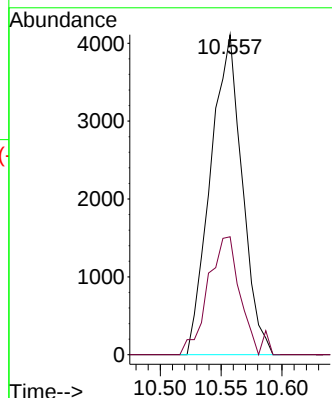
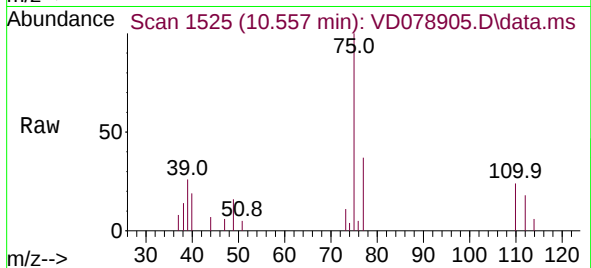
ClientSampleId :

Tgt Ion: 75 Resp: 7443

Ion Ratio Lower Upper

75 100

77 36.9 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 5.284 ug/l

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD078905.D

Acq: 13 May 2024 10:23

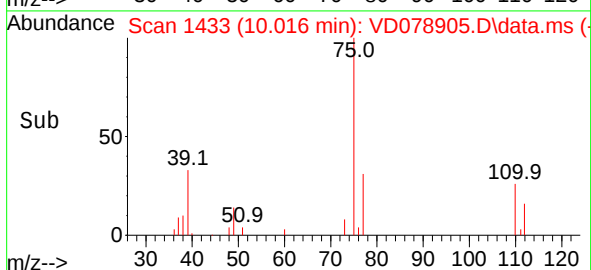
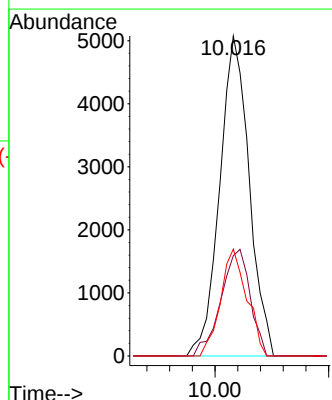
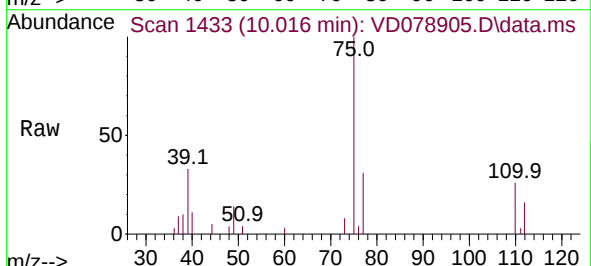
Tgt Ion: 75 Resp: 9128

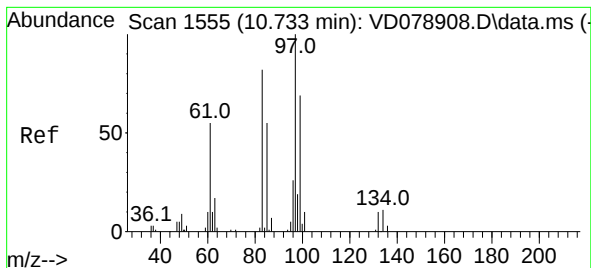
Ion Ratio Lower Upper

75 100

77 31.4 24.4 36.6

39 33.4 24.2 36.2





#55

1,1,2-Trichloroethane

Concen: 5.446 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD078905.D

Acq: 13 May 2024 10:23

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 4951

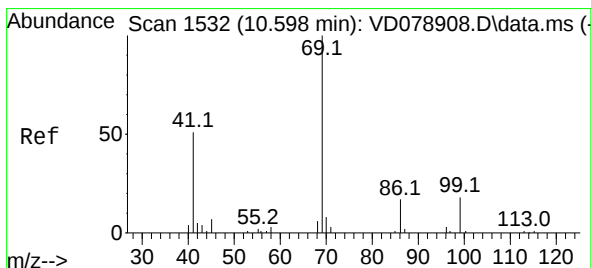
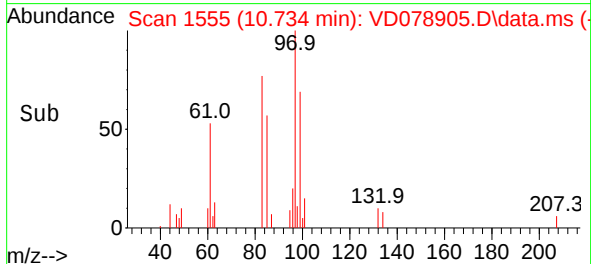
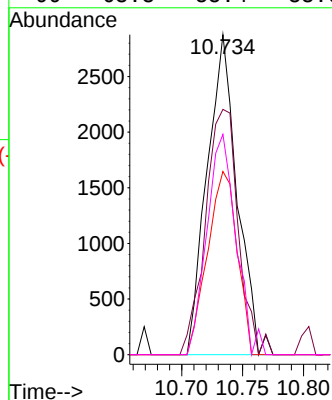
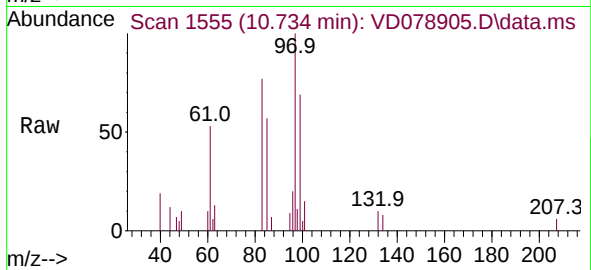
Ion Ratio Lower Upper

97 100

83 76.7 65.8 98.8

85 57.2 43.8 65.8

99 68.8 55.4 83.0



#56

Ethyl methacrylate

Concen: 4.773 ug/l

RT: 10.593 min Scan# 1531

Delta R.T. -0.006 min

Lab File: VD078905.D

Acq: 13 May 2024 10:23

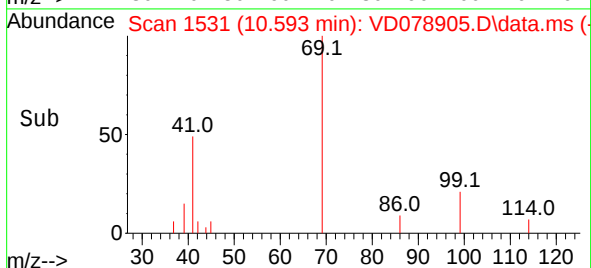
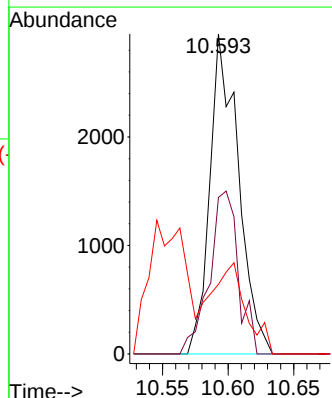
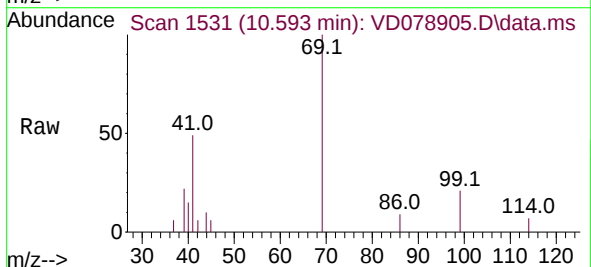
Tgt Ion: 69 Resp: 4464

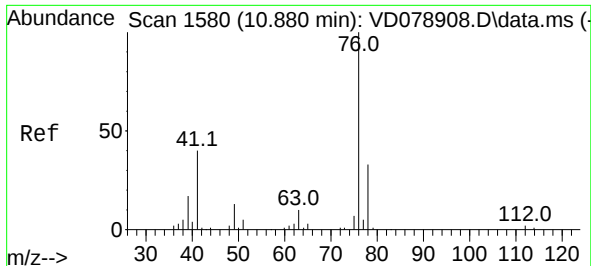
Ion Ratio Lower Upper

69 100

41 51.5 39.8 59.6

39 31.9 20.2 30.4#





#57

1,3-Dichloropropane

Concen: 5.417 ug/l

RT: 10.875 min Scan# 1409

Delta R.T. -0.005 min

Lab File: VD078905.D

Acq: 13 May 2024 10:23

Instrument :

MSVOA_D

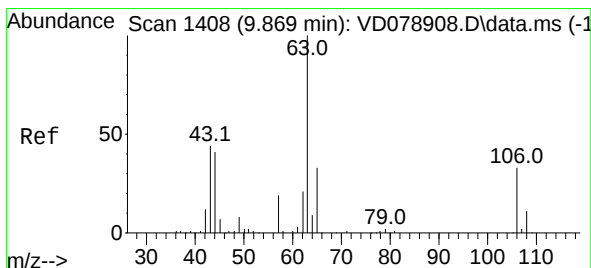
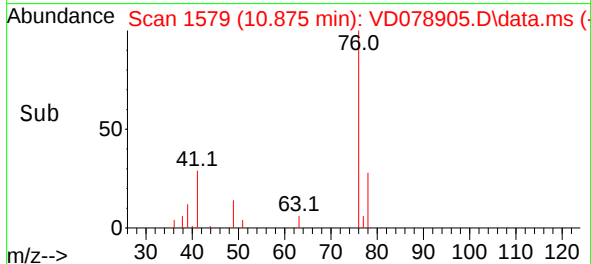
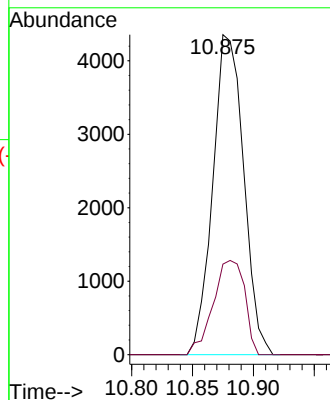
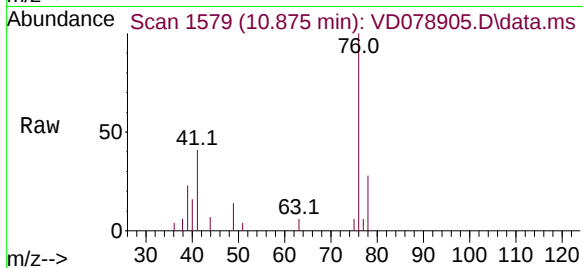
ClientSampleId :

Tgt Ion: 76 Resp: 7668

Ion Ratio Lower Upper

76 100

78 30.2 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 26.913 ug/l

RT: 9.875 min Scan# 1409

Delta R.T. 0.006 min

Lab File: VD078905.D

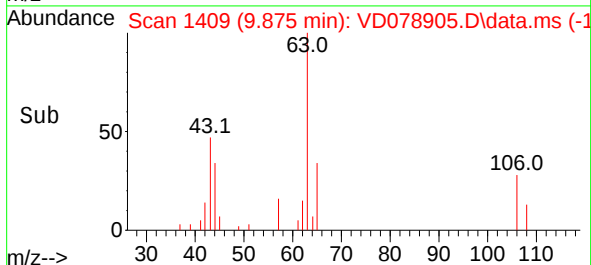
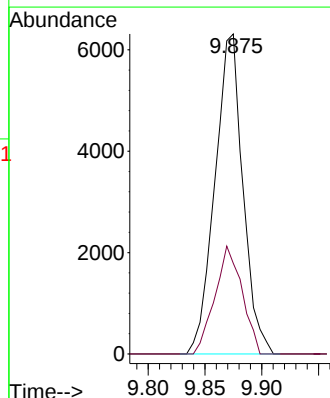
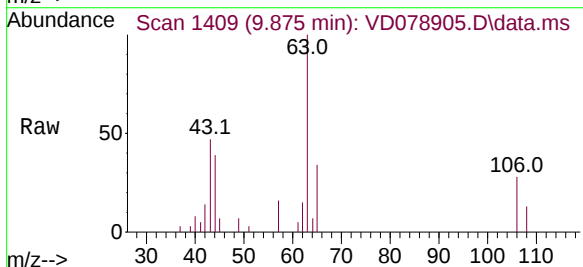
Acq: 13 May 2024 10:23

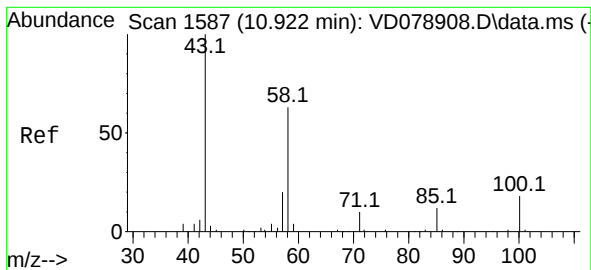
Tgt Ion: 63 Resp: 10816

Ion Ratio Lower Upper

63 100

106 32.7 26.4 39.6





#59

2-Hexanone

Concen: 23.515 ug/l

RT: 10.922 min Scan# 1587

Delta R.T. 0.000 min

Lab File: VD078905.D

Acq: 13 May 2024 10:23

Instrument :

MSVOA_D

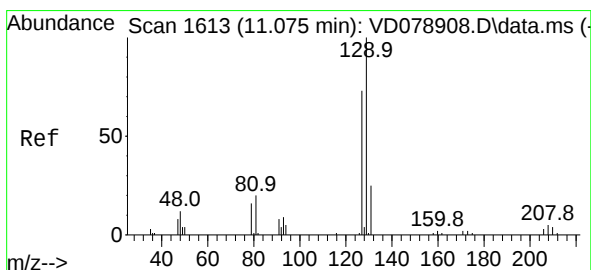
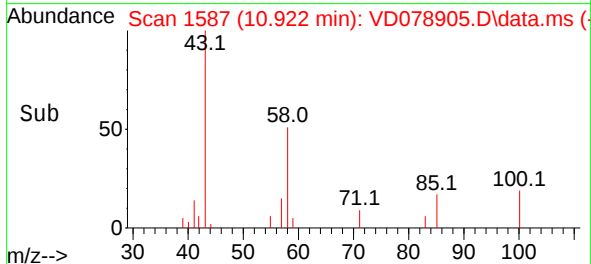
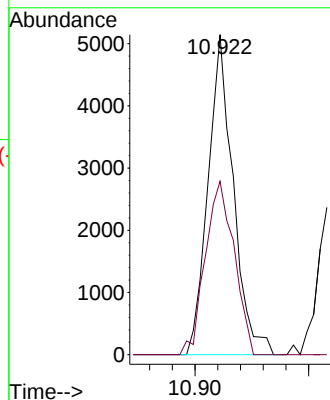
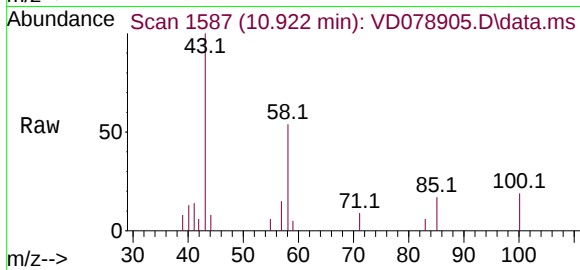
ClientSampleId :

Tgt Ion: 43 Resp: 7928

Ion Ratio Lower Upper

43 100

58 62.0 31.1 93.5



#60

Dibromochloromethane

Concen: 5.425 ug/l

RT: 11.069 min Scan# 1612

Delta R.T. -0.006 min

Lab File: VD078905.D

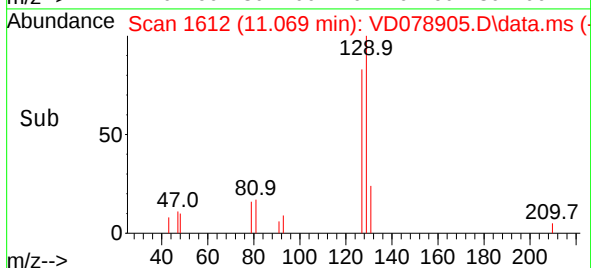
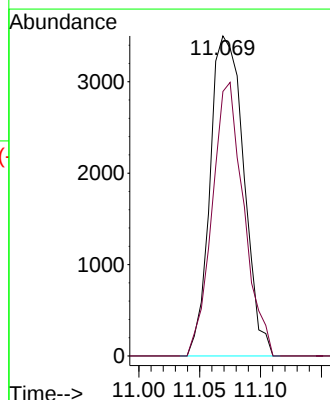
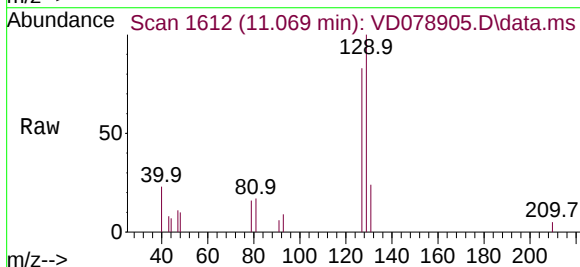
Acq: 13 May 2024 10:23

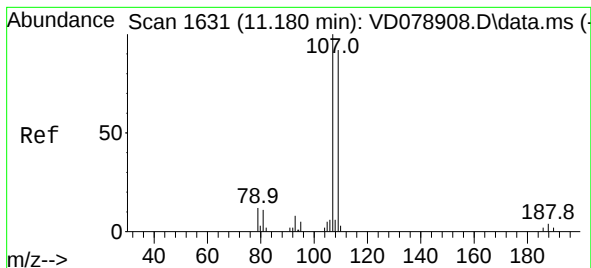
Tgt Ion:129 Resp: 6723

Ion Ratio Lower Upper

129 100

127 80.5 38.0 113.9





#61

1,2-Dibromoethane

Concen: 5.154 ug/l

RT: 11.175 min Scan# 1

Delta R.T. -0.005 min

Lab File: VD078905.D

Acq: 13 May 2024 10:23

Instrument :

MSVOA_D

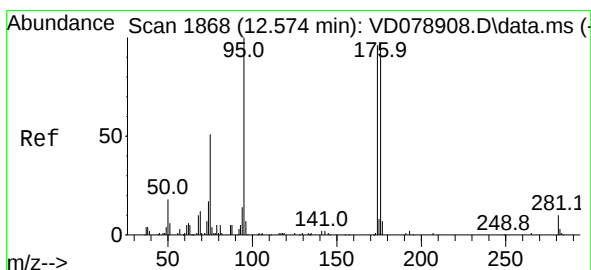
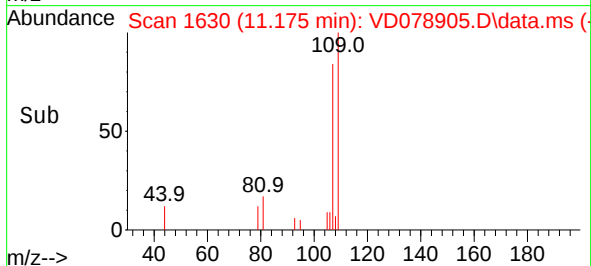
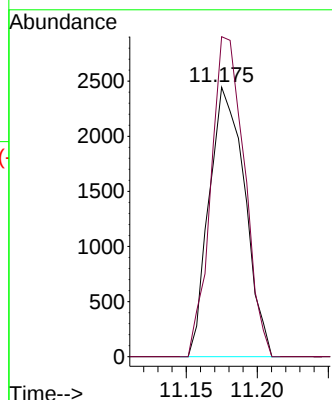
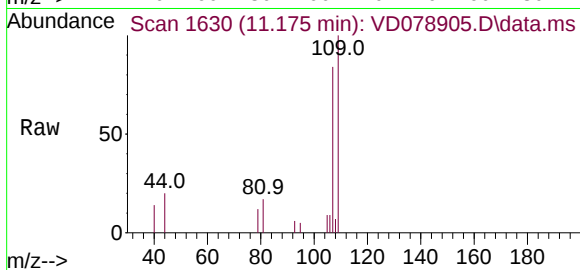
ClientSampleId :

Tgt Ion:107 Resp: 4272

Ion Ratio Lower Upper

107 100

109 111.4 72.0 108.0#



#62

4-Bromofluorobenzene

Concen: 4.882 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VD078905.D

Acq: 13 May 2024 10:23

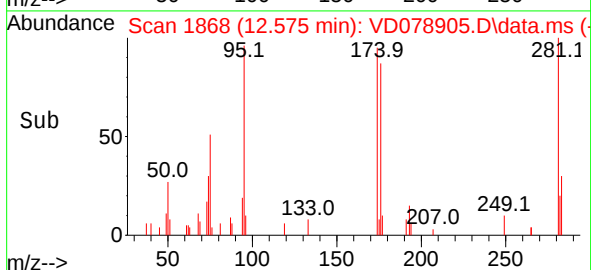
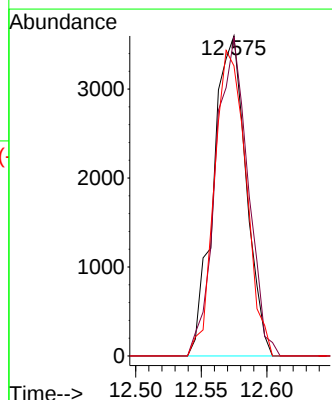
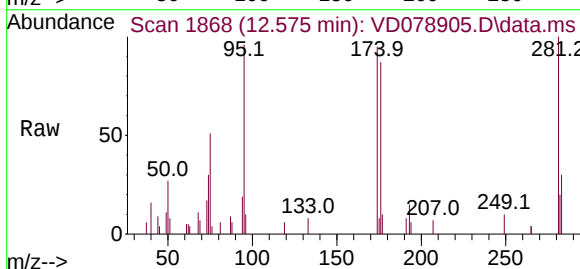
Tgt Ion: 95 Resp: 6214

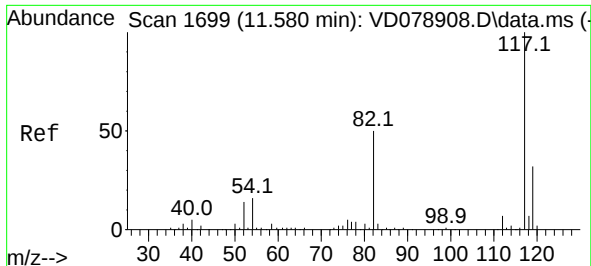
Ion Ratio Lower Upper

95 100

174 98.6 0.0 195.4

176 92.9 0.0 192.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078905.D

Acq: 13 May 2024 10:23

Instrument :

MSVOA_D

ClientSampleId :

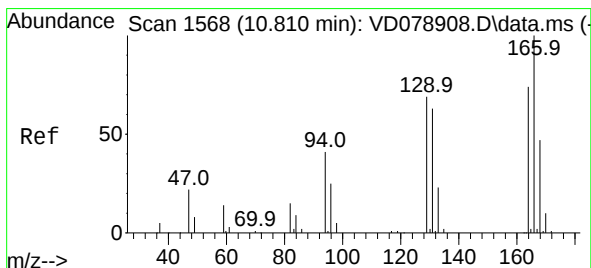
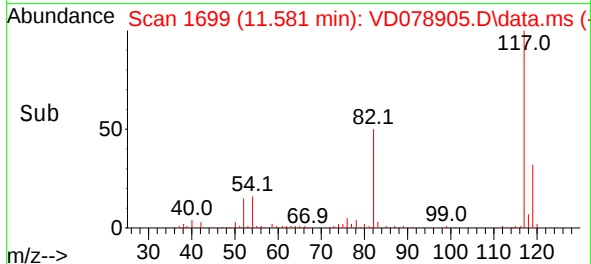
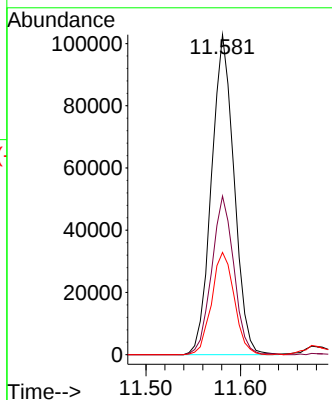
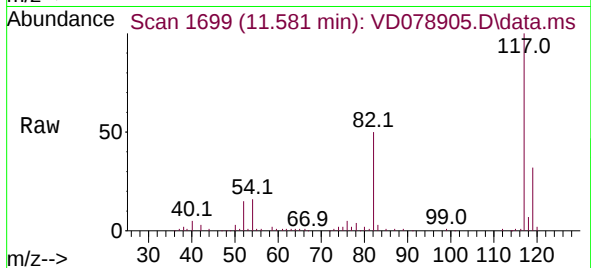
Tgt Ion:117 Resp: 170607

Ion Ratio Lower Upper

117 100

82 49.6 39.8 59.6

119 32.0 25.7 38.5



#64

Tetrachloroethene

Concen: 5.573 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD078905.D

Acq: 13 May 2024 10:23

Tgt Ion:164 Resp: 6032

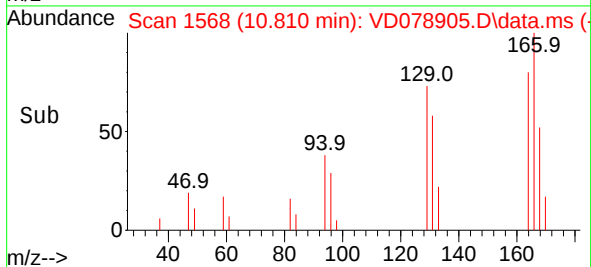
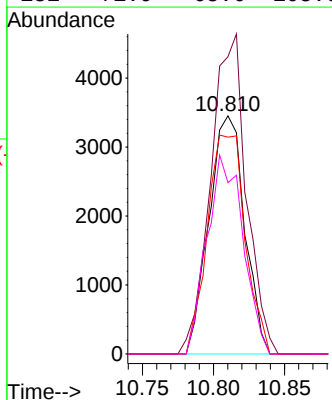
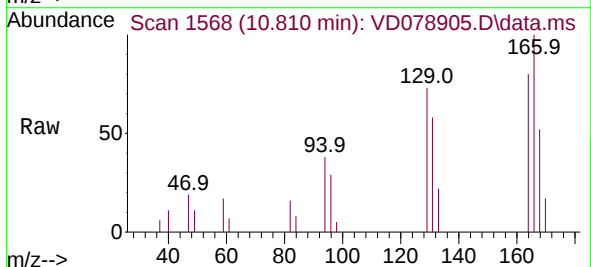
Ion Ratio Lower Upper

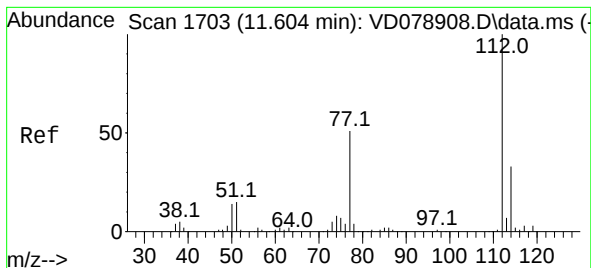
164 100

166 124.8 108.6 163.0

129 91.1 74.6 112.0

131 71.9 68.6 103.0

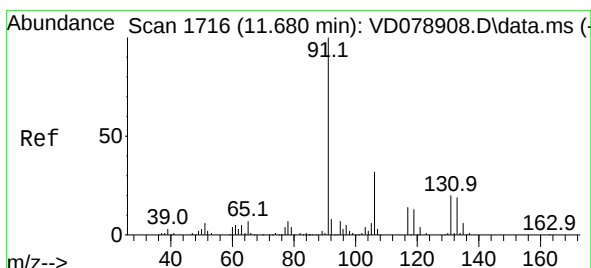
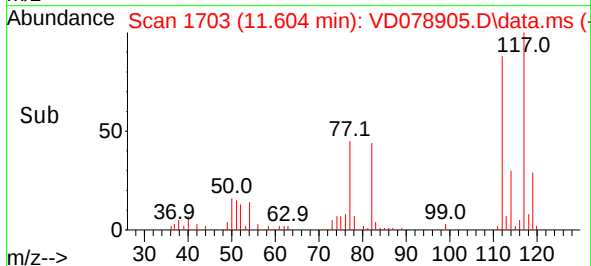
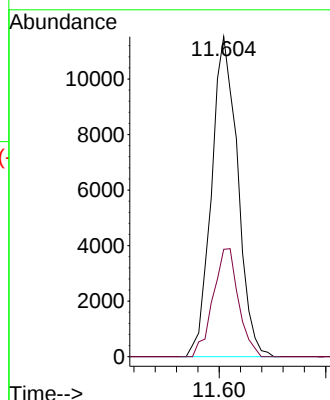
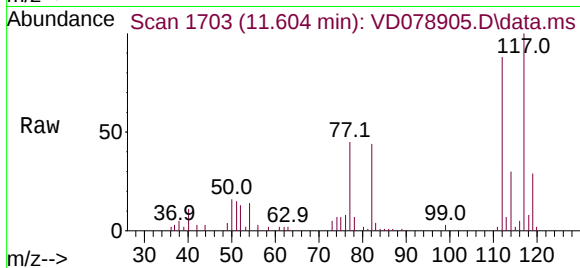




#65
Chlorobenzene
Concen: 5.528 ug/l
RT: 11.604 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD078905.D
Acq: 13 May 2024 10:23

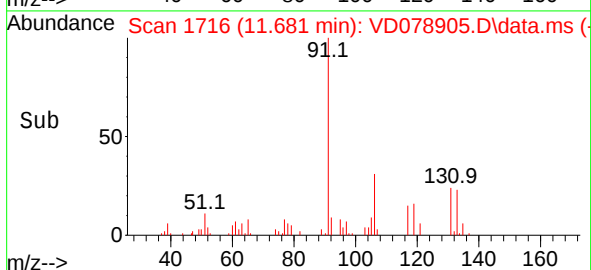
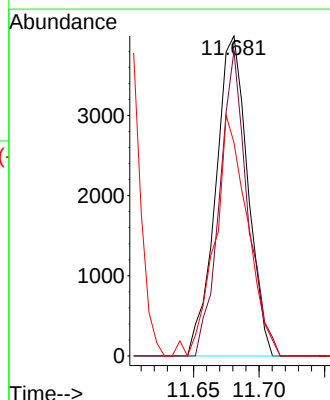
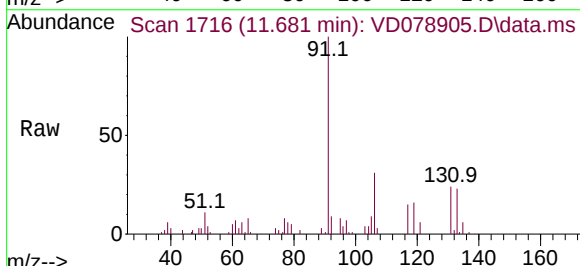
Instrument :
MSVOA_D
ClientSampleId :

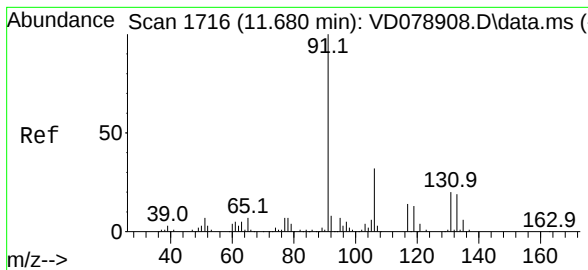
Tgt Ion:112 Resp: 19619
Ion Ratio Lower Upper
112 100
114 33.6 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 5.523 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078905.D
Acq: 13 May 2024 10:23

Tgt Ion:131 Resp: 6776
Ion Ratio Lower Upper
131 100
133 83.3 49.2 147.6
119 76.6 33.4 100.2

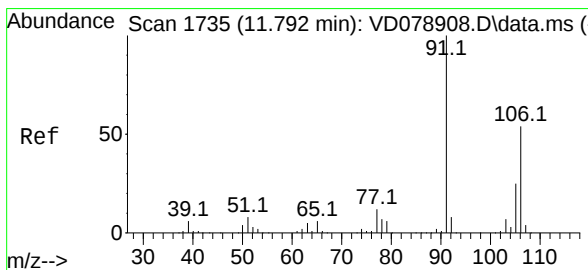
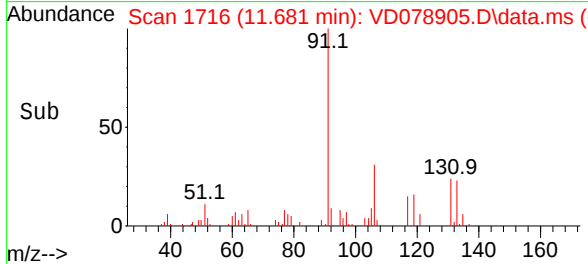
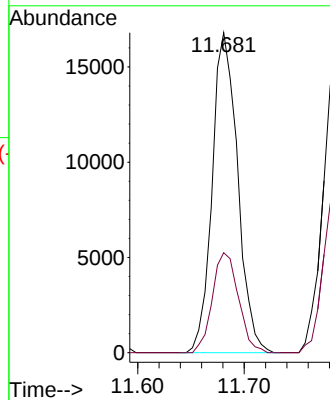
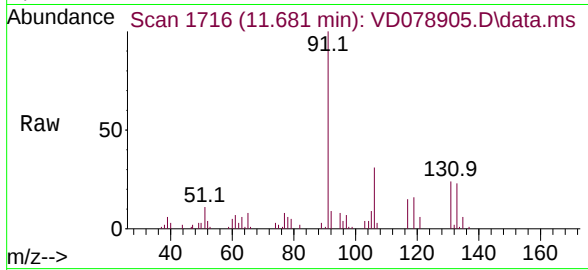




#67
Ethyl Benzene
Concen: 4.874 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078905.D
Acq: 13 May 2024 10:23

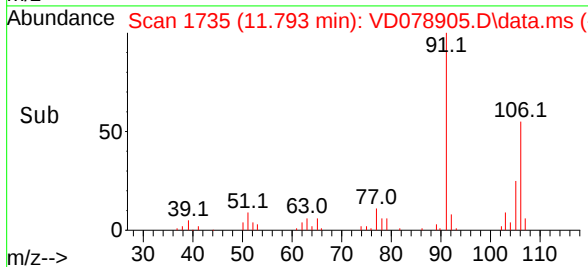
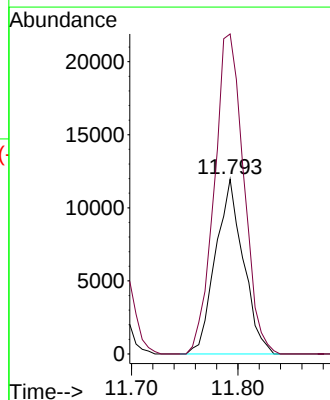
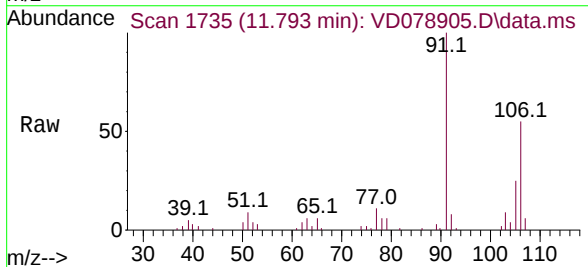
Instrument :
MSVOA_D
ClientSampleId :

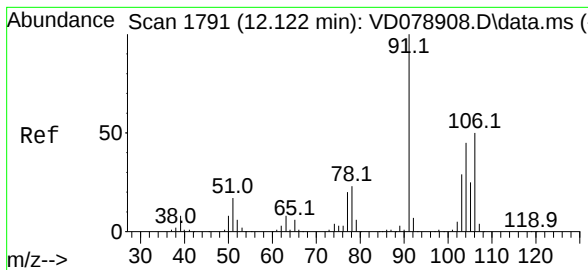
Tgt Ion: 91 Resp: 27822
Ion Ratio Lower Upper
91 100
106 31.3 25.8 38.6



#68
m/p-Xylenes
Concen: 9.369 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078905.D
Acq: 13 May 2024 10:23

Tgt Ion: 106 Resp: 21742
Ion Ratio Lower Upper
106 100
91 193.2 148.5 222.7

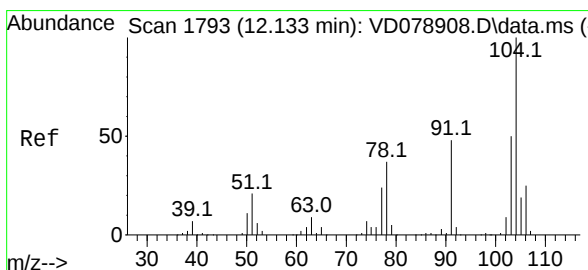
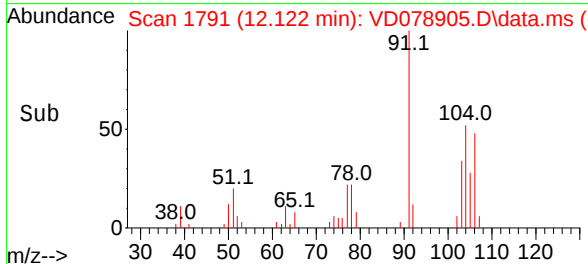
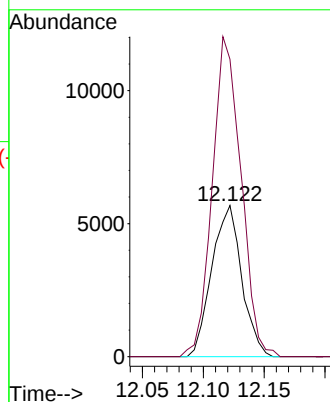
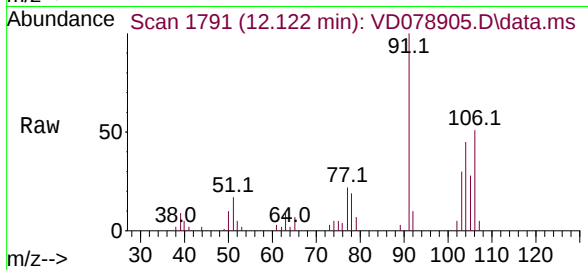




#69
o-Xylene
Concen: 4.593 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078905.D
Acq: 13 May 2024 10:23

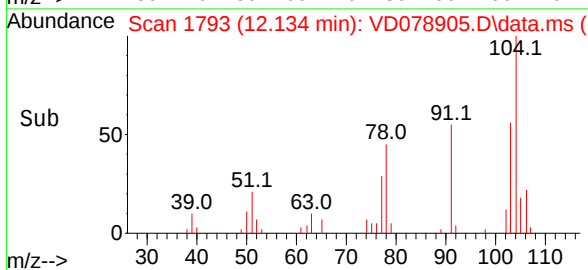
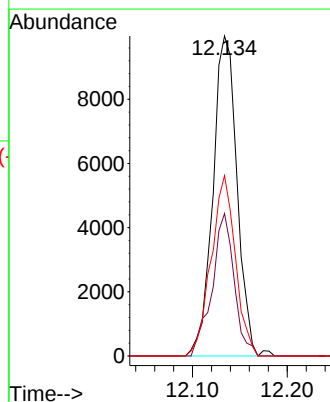
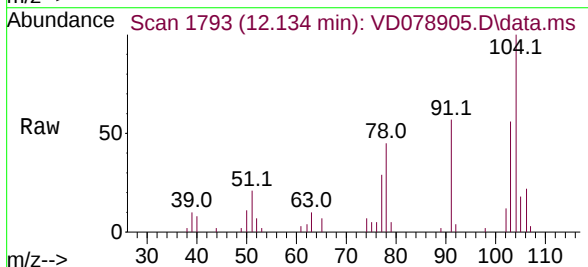
Instrument :
MSVOA_D
ClientSampleId :

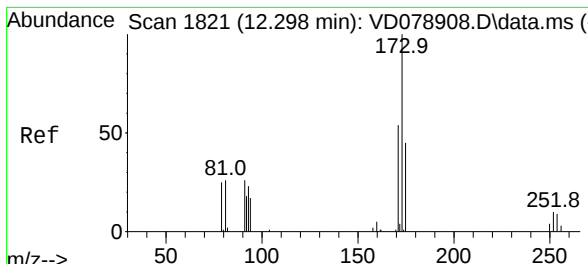
Tgt Ion:106 Resp: 9717
Ion Ratio Lower Upper
106 100
91 203.3 96.7 290.1



#70
Styrene
Concen: 4.708 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078905.D
Acq: 13 May 2024 10:23

Tgt Ion:104 Resp: 17652
Ion Ratio Lower Upper
104 100
78 40.9 33.0 49.6
103 56.5 44.2 66.4

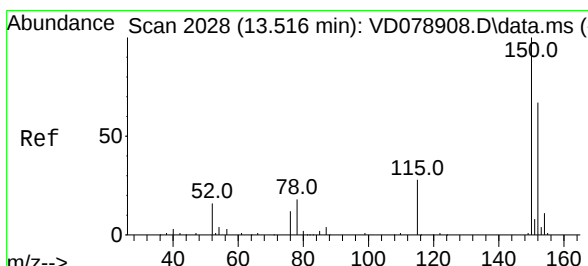
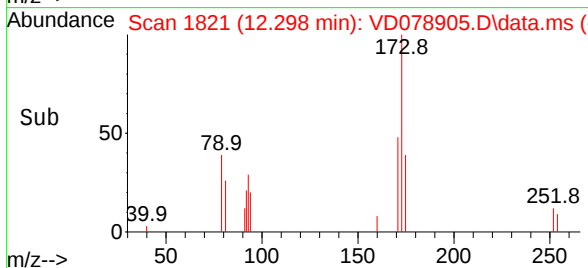
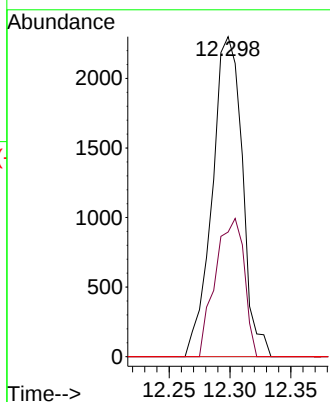
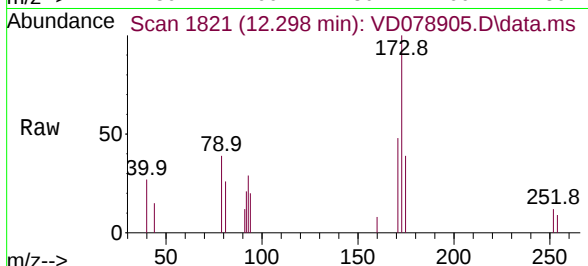




#71
Bromoform
Concen: 5.638 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078905.D
Acq: 13 May 2024 10:23

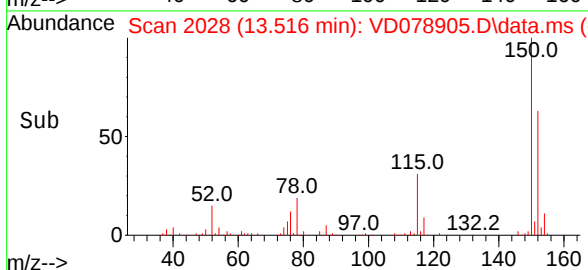
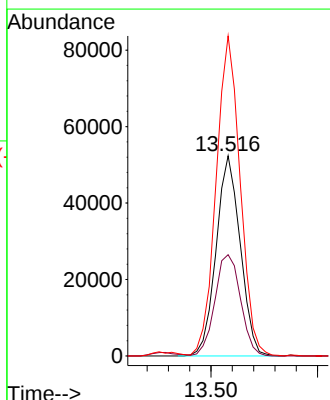
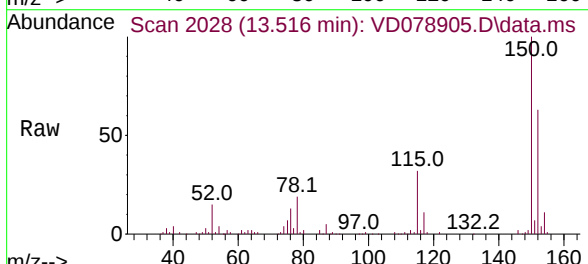
Instrument :
MSVOA_D
ClientSampleId :

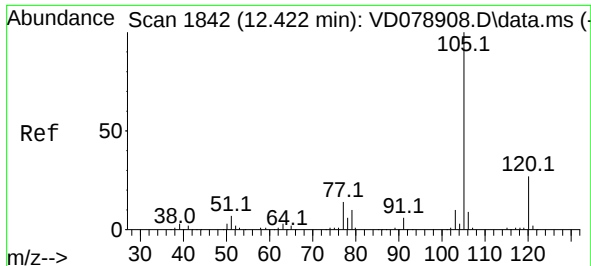
Tgt Ion:	173	Resp:	3962
Ion Ratio	Lower	Upper	
173	100		
175	41.3	23.7	71.1
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078905.D
Acq: 13 May 2024 10:23

Tgt Ion:	152	Resp:	82114
Ion Ratio	Lower	Upper	
152	100		
115	53.8	26.5	79.5
150	159.4	0.0	341.6

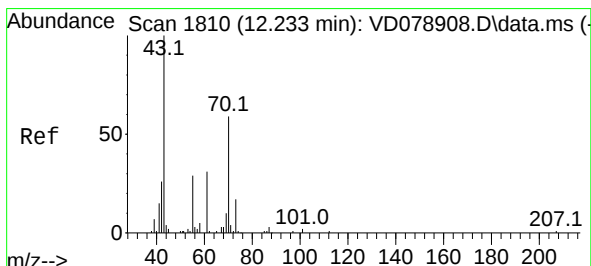
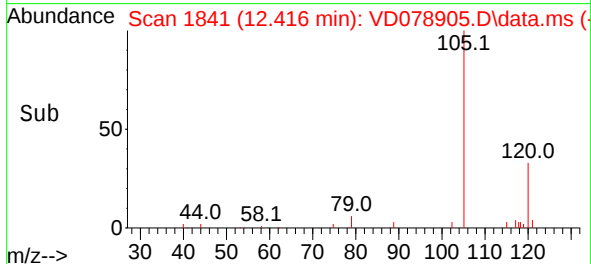
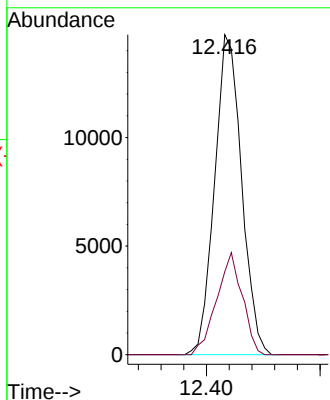
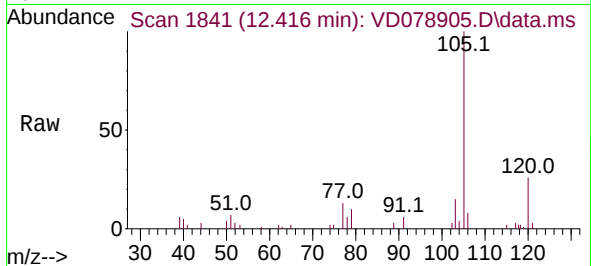




#73
Isopropylbenzene
Concen: 4.956 ug/l
RT: 12.416 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VD078905.D
Acq: 13 May 2024 10:23

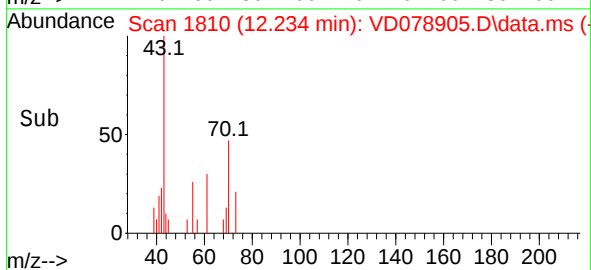
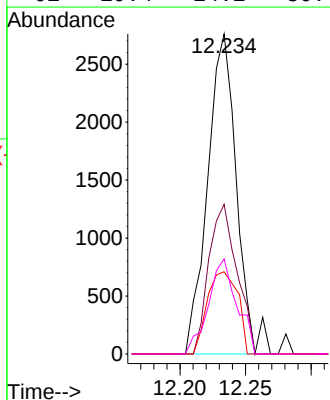
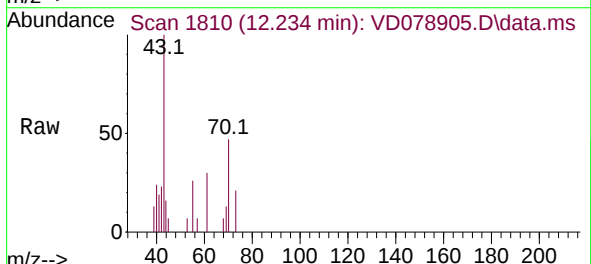
Instrument :
MSVOA_D
ClientSampleId :

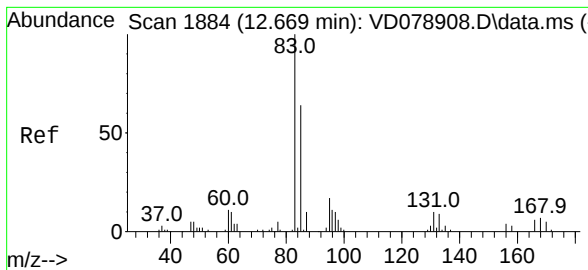
Tgt Ion:105 Resp: 24288
Ion Ratio Lower Upper
105 100
120 30.4 13.6 40.7



#74
N-ethyl acetate
Concen: 5.325 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078905.D
Acq: 13 May 2024 10:23

Tgt Ion: 43 Resp: 4235
Ion Ratio Lower Upper
43 100
70 45.5 44.3 66.5
55 27.0 23.2 34.8
61 29.4 24.2 36.4

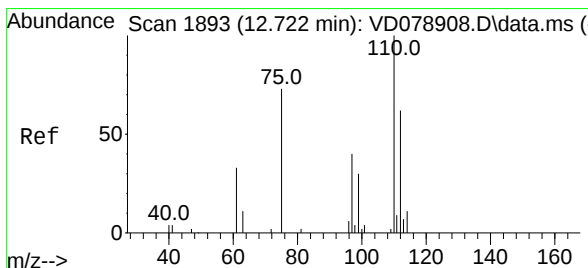
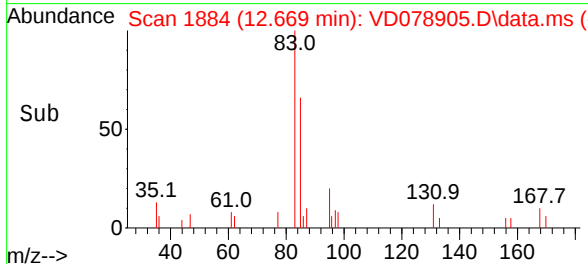
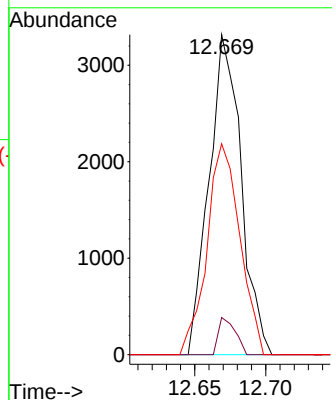
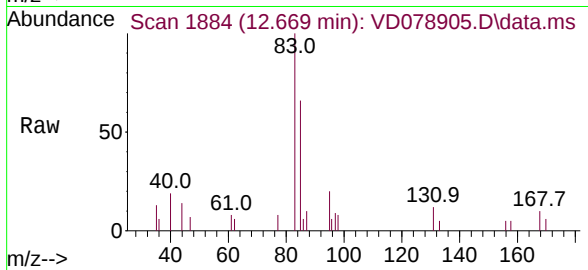




#75
1,1,2,2-Tetrachloroethane
Concen: 5.871 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD078905.D
Acq: 13 May 2024 10:23

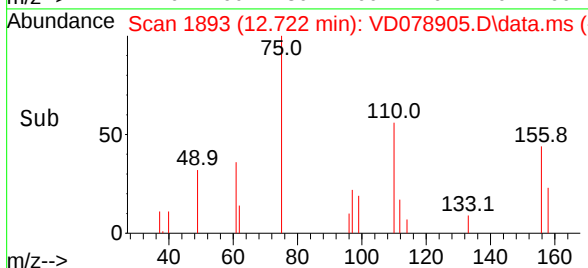
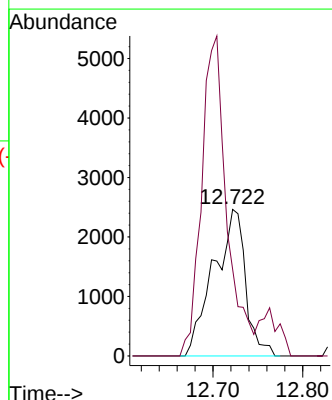
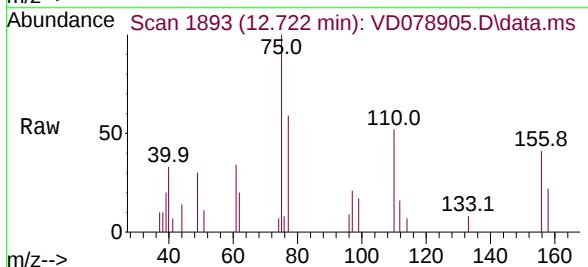
Instrument :
MSVOA_D
ClientSampleId :

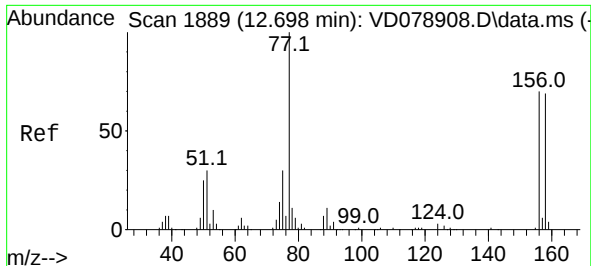
Tgt Ion: 83 Resp: 5190
Ion Ratio Lower Upper
83 100
131 6.1 5.5 16.5
85 67.8 33.8 101.3



#76
1,2,3-Trichloropropane
Concen: 10.475 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD078905.D
Acq: 13 May 2024 10:23

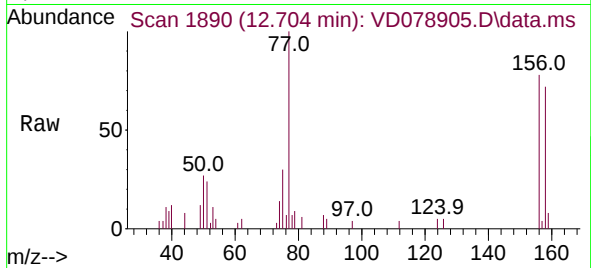
Tgt Ion: 75 Resp: 6100
Ion Ratio Lower Upper
75 100
77 171.2 0.0 0.0#



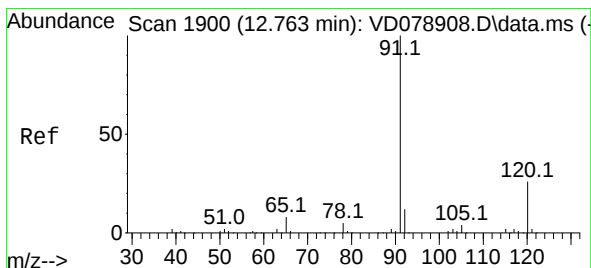
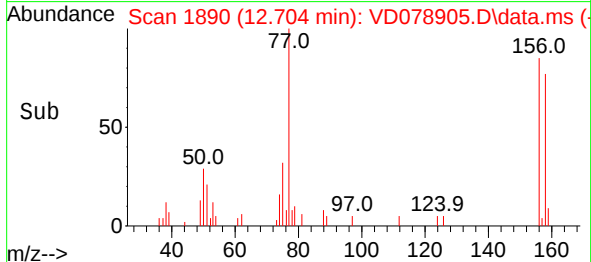
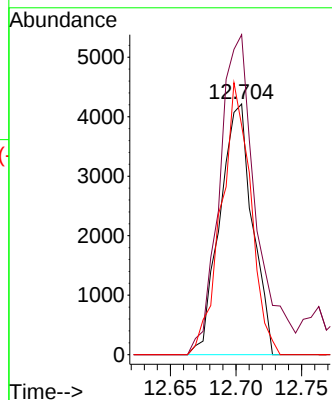


#77
Bromobenzene
Concen: 5.647 ug/l
RT: 12.704 min Scan# 1889
Delta R.T. 0.006 min
Lab File: VD078905.D
Acq: 13 May 2024 10:23

Instrument :
MSVOA_D
ClientSampleId :

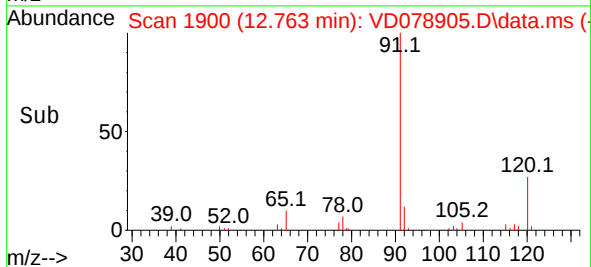
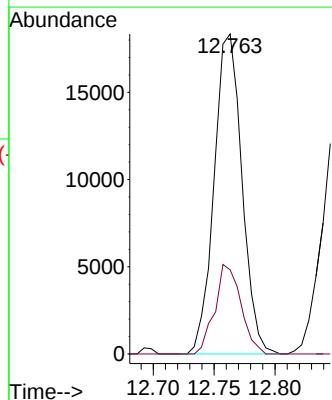
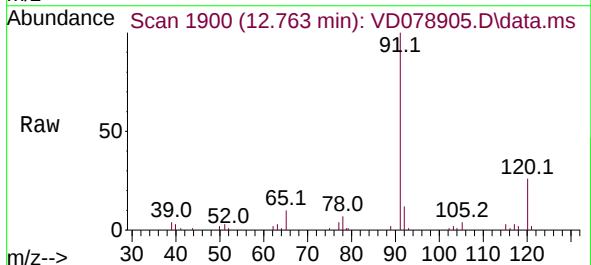


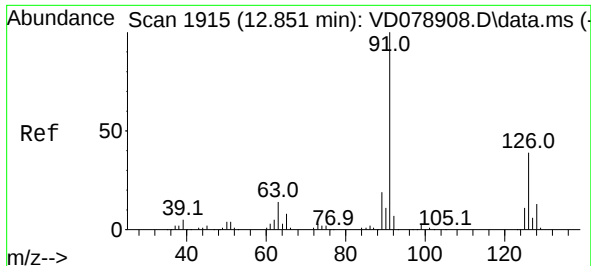
Tgt Ion:156 Resp: 7278
Ion Ratio Lower Upper
156 100
77 143.5 77.3 231.9
158 99.0 49.6 149.0



#78
n-propylbenzene
Concen: 4.929 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078905.D
Acq: 13 May 2024 10:23

Tgt Ion: 91 Resp: 29201
Ion Ratio Lower Upper
91 100
120 26.1 12.3 36.8





#79

2-Chlorotoluene

Concen: 5.355 ug/l

RT: 12.845 min Scan# 1915

Delta R.T. -0.005 min

Lab File: VD078905.D

Acq: 13 May 2024 10:23

Instrument :

MSVOA_D

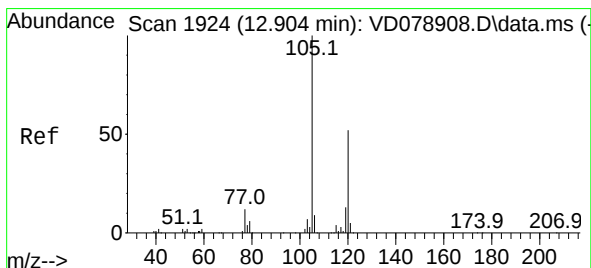
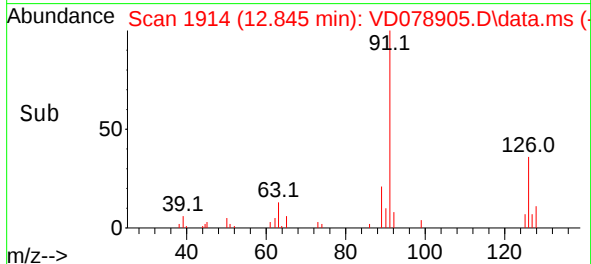
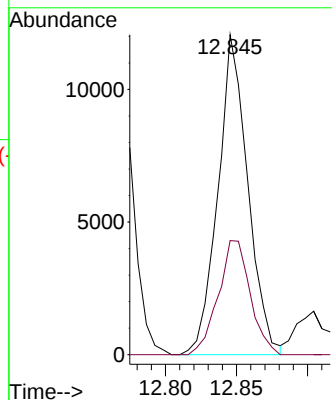
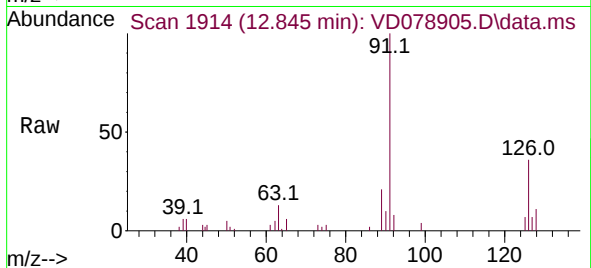
ClientSampleId :

Tgt Ion: 91 Resp: 17632

Ion Ratio Lower Upper

91 100

126 38.3 19.3 57.8



#80

1,3,5-Trimethylbenzene

Concen: 4.562 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD078905.D

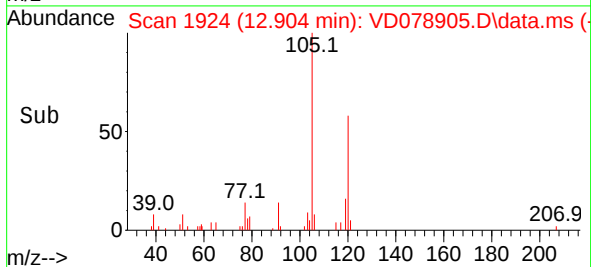
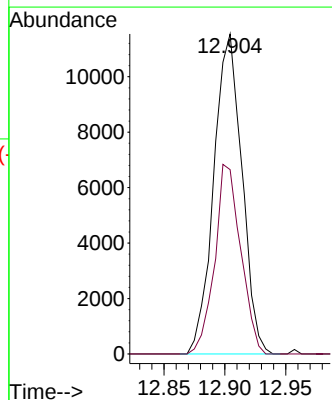
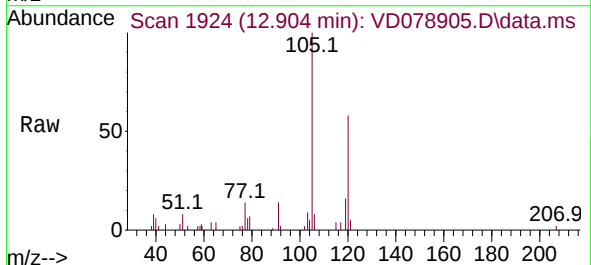
Acq: 13 May 2024 10:23

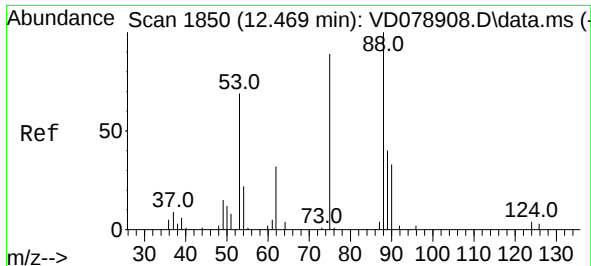
Tgt Ion:105 Resp: 18577

Ion Ratio Lower Upper

105 100

120 54.6 25.7 77.1

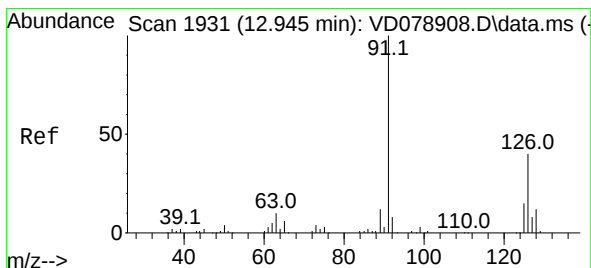
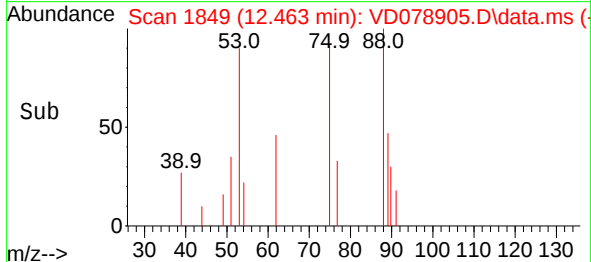
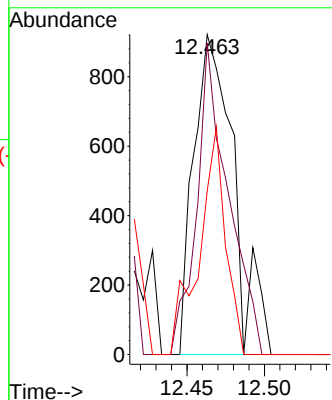
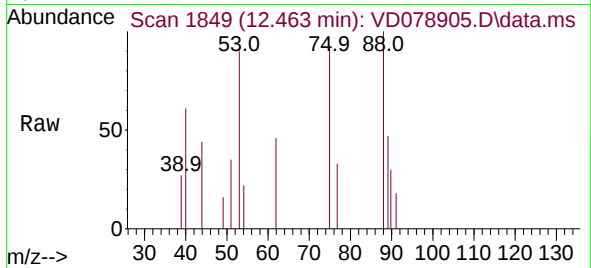




#81
trans-1,4-Dichloro-2-butene
Concen: 5.691 ug/l
RT: 12.463 min Scan# 1849
Delta R.T. -0.005 min
Lab File: VD078905.D
Acq: 13 May 2024 10:23

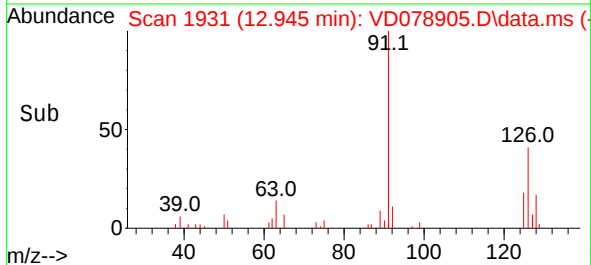
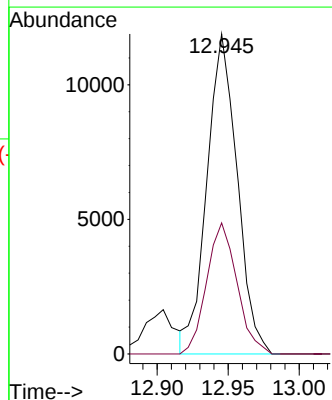
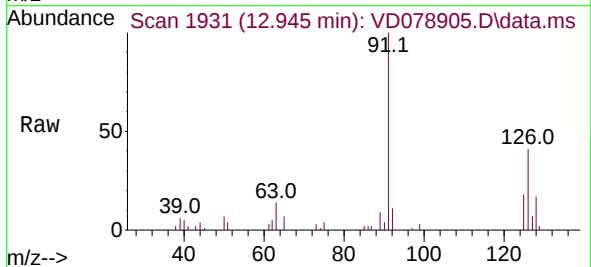
Instrument :
MSVOA_D
ClientSampleId :

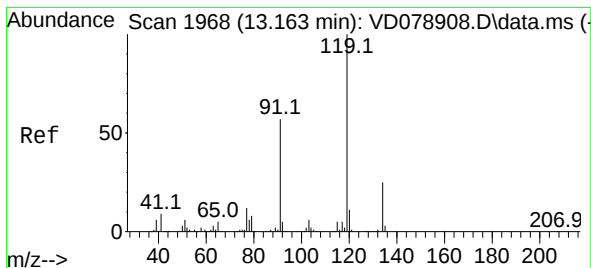
Tgt Ion: 75 Resp: 1659
Ion Ratio Lower Upper
75 100
53 76.7 61.4 92.2
89 47.0 35.4 53.0



#82
4-Chlorotoluene
Concen: 5.093 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078905.D
Acq: 13 May 2024 10:23

Tgt Ion: 91 Resp: 17592
Ion Ratio Lower Upper
91 100
126 41.1 18.9 56.9





#83

tert-Butylbenzene

Concen: 4.792 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. 0.000 min

Lab File: VD078905.D

Acq: 13 May 2024 10:23

Instrument :

MSVOA_D

ClientSampleId :

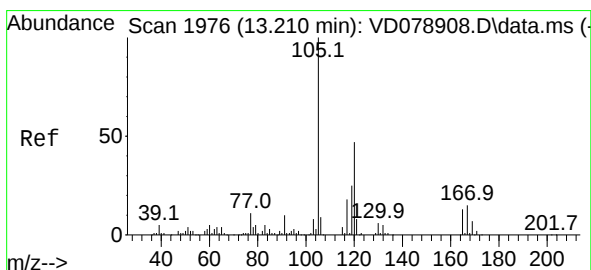
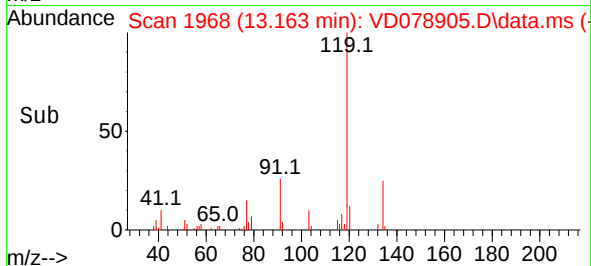
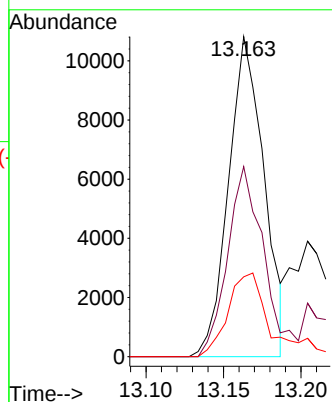
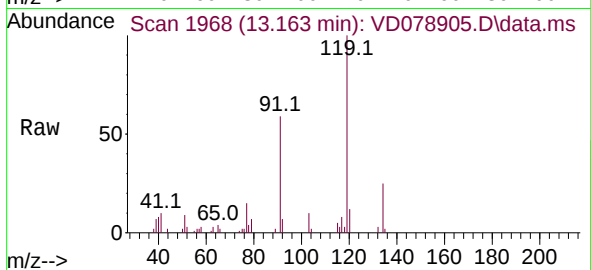
Tgt Ion:119 Resp: 17255

Ion Ratio Lower Upper

119 100

91 60.7 28.2 84.7

134 30.9 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 4.759 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD078905.D

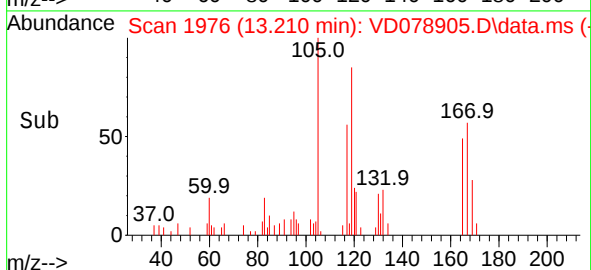
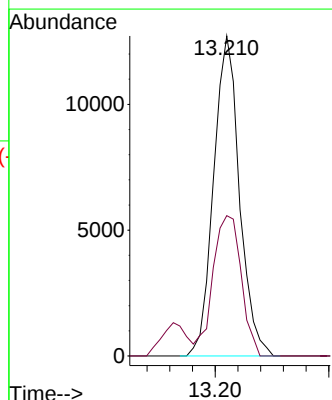
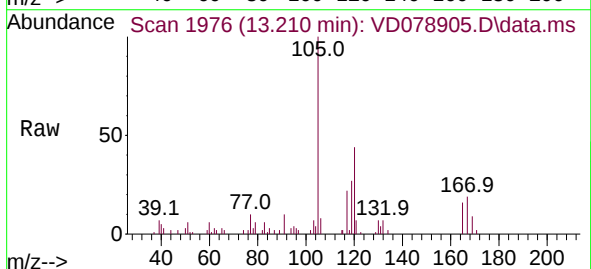
Acq: 13 May 2024 10:23

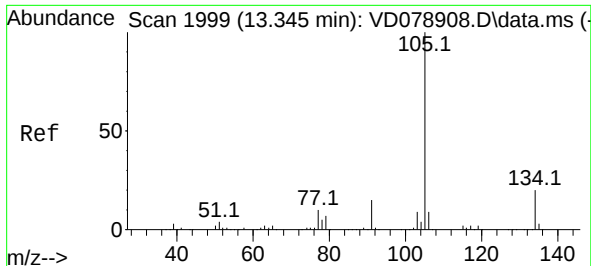
Tgt Ion:105 Resp: 20074

Ion Ratio Lower Upper

105 100

120 48.0 23.6 71.0





#85

sec-Butylbenzene

Concen: 4.857 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078905.D

Acq: 13 May 2024 10:23

Instrument :

MSVOA_D

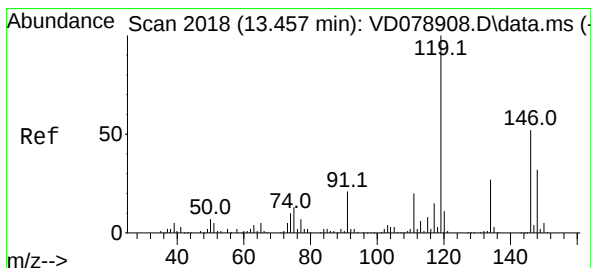
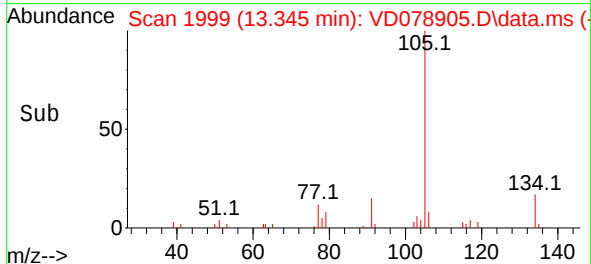
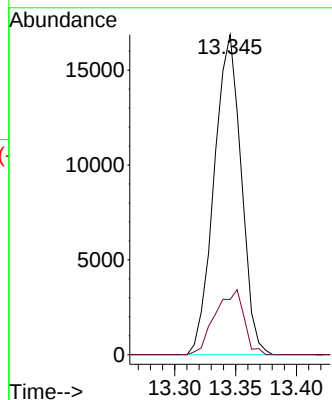
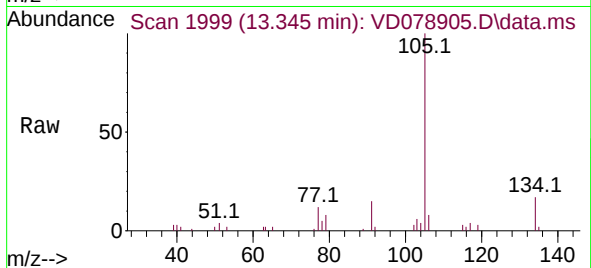
ClientSampleId :

Tgt Ion:105 Resp: 26089

Ion Ratio Lower Upper

105 100

134 21.6 10.3 30.8



#86

p-Isopropyltoluene

Concen: 4.580 ug/l

RT: 13.457 min Scan# 1818

Delta R.T. 0.000 min

Lab File: VD078905.D

Acq: 13 May 2024 10:23

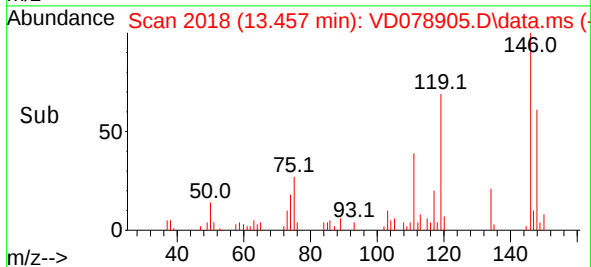
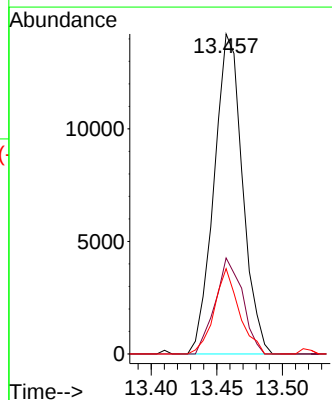
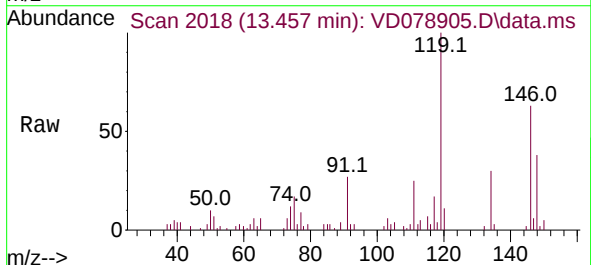
Tgt Ion:119 Resp: 21434

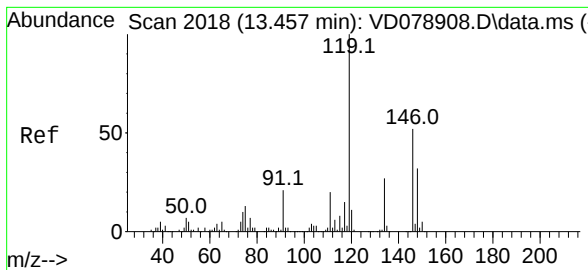
Ion Ratio Lower Upper

119 100

134 28.8 13.7 41.1

91 23.4 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 5.691 ug/l

RT: 13.451 min Scan# 2017

Delta R.T. -0.005 min

Lab File: VD078905.D

Acq: 13 May 2024 10:23

Instrument :

MSVOA_D

ClientSampleId :

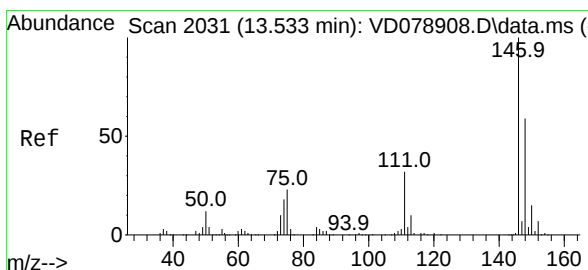
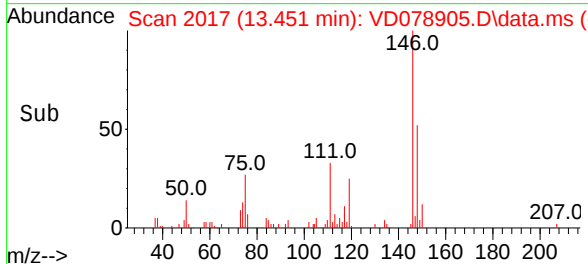
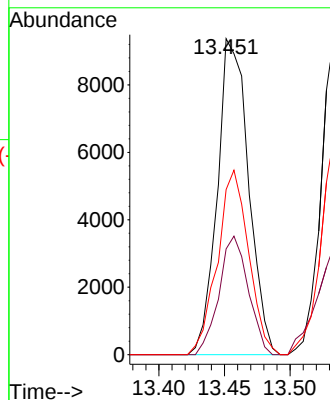
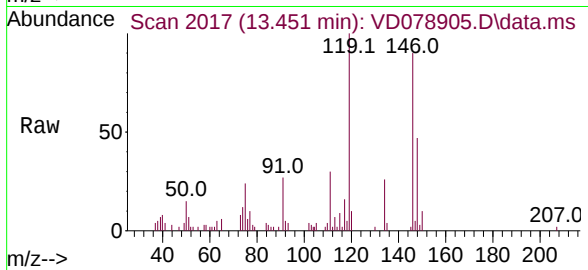
Tgt Ion:146 Resp: 15521

Ion Ratio Lower Upper

146 100

111 35.1 18.5 55.5

148 58.5 30.9 92.8



#88

1,4-Dichlorobenzene

Concen: 5.754 ug/l

RT: 13.534 min Scan# 2031

Delta R.T. 0.000 min

Lab File: VD078905.D

Acq: 13 May 2024 10:23

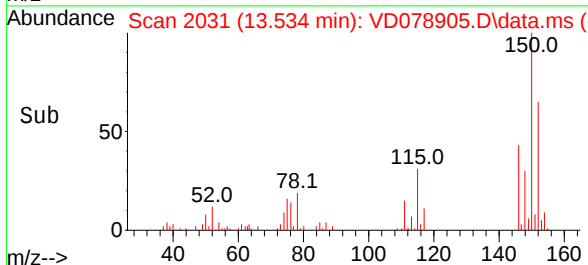
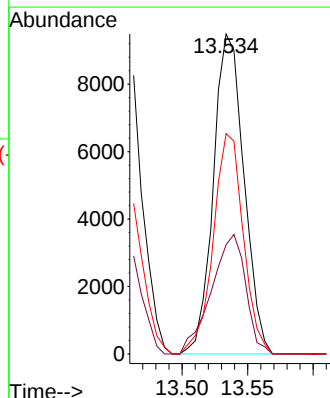
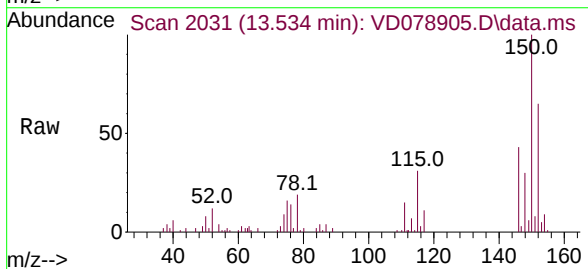
Tgt Ion:146 Resp: 15367

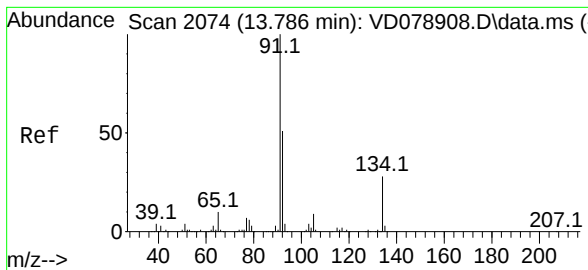
Ion Ratio Lower Upper

146 100

111 41.9 17.5 52.6

148 67.7 31.4 94.2

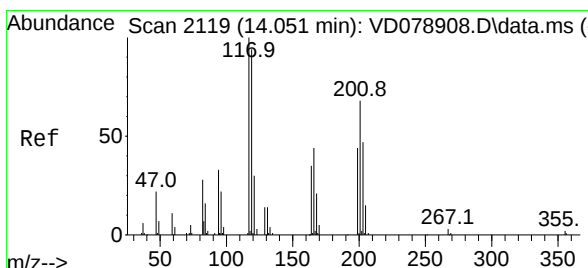
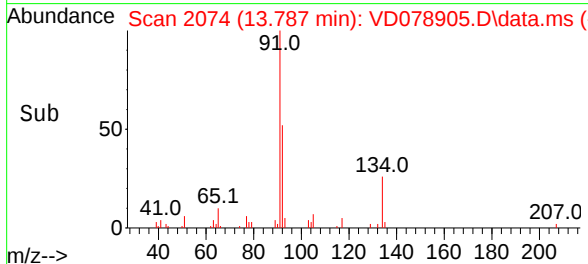
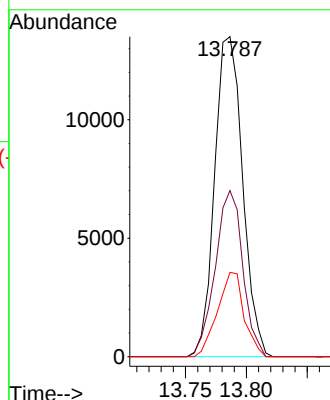
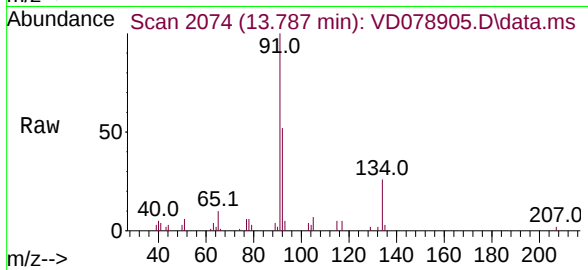




#89
n-Butylbenzene
Concen: 5.148 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD078905.D
Acq: 13 May 2024 10:23

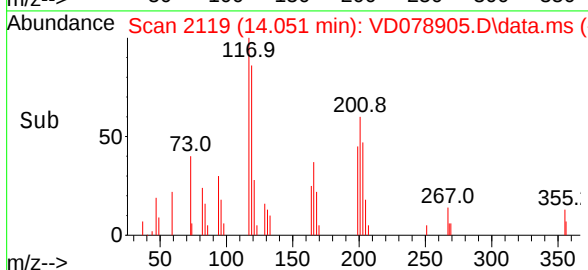
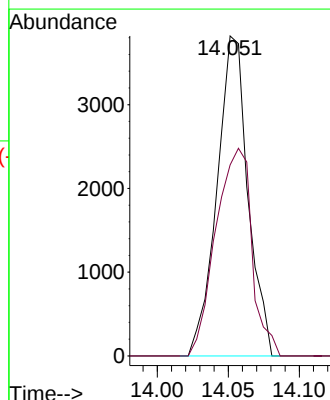
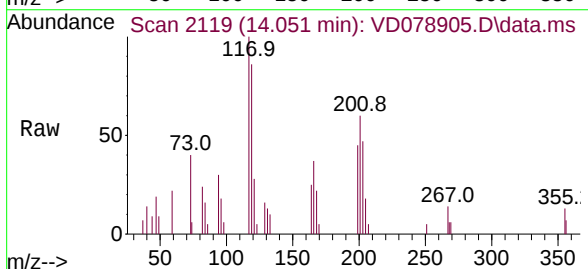
Instrument :
MSVOA_D
ClientSampleId :

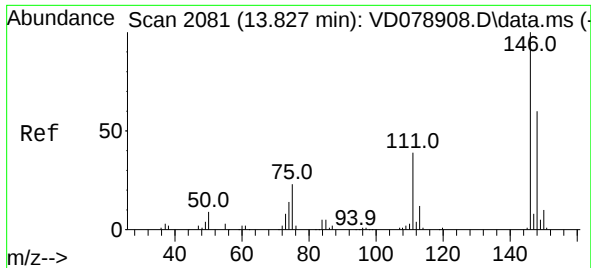
Tgt Ion: 91 Resp: 21588
Ion Ratio Lower Upper
91 100
92 51.2 25.7 77.0
134 25.0 13.6 40.8



#90
Hexachloroethane
Concen: 5.877 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD078905.D
Acq: 13 May 2024 10:23

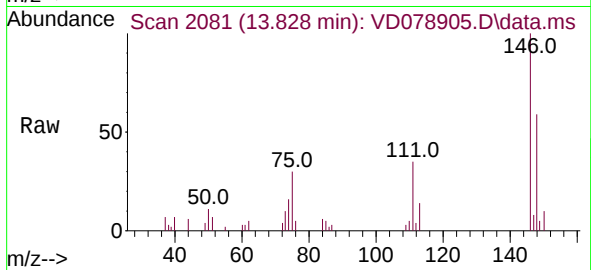
Tgt Ion: 117 Resp: 5802
Ion Ratio Lower Upper
117 100
201 75.5 36.3 108.9



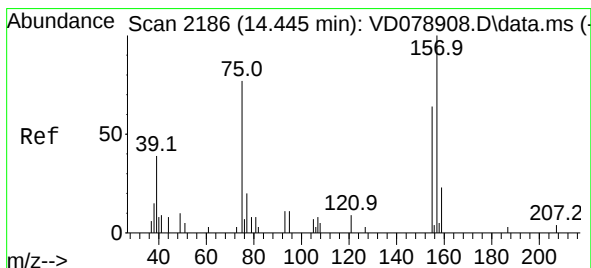
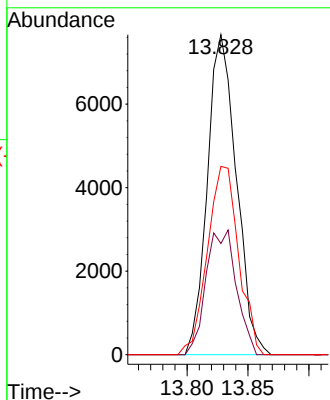
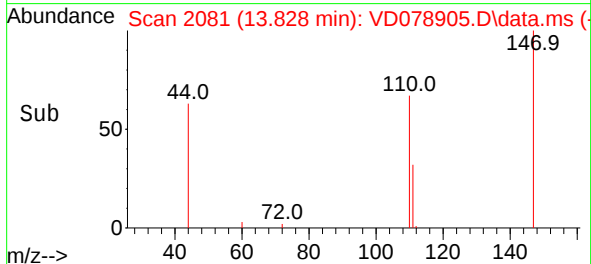


#91
1,2-Dichlorobenzene
Concen: 5.560 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD078905.D
Acq: 13 May 2024 10:23

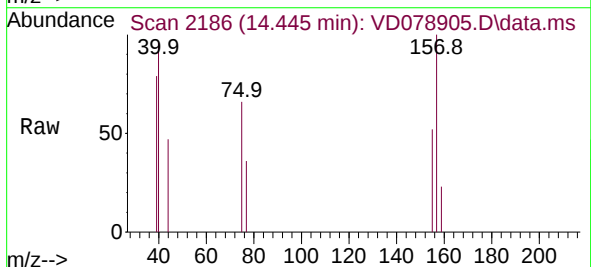
Instrument :
MSVOA_D
ClientSampleId :



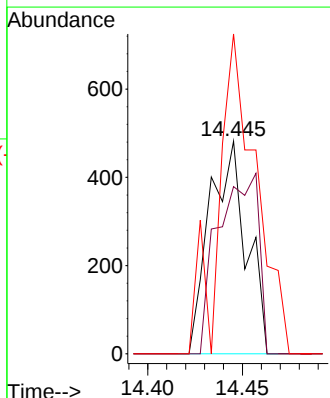
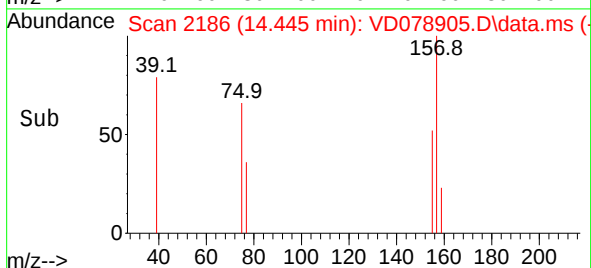
Tgt Ion:146 Resp: 12687
Ion Ratio Lower Upper
146 100
111 40.8 19.1 57.1
148 63.5 31.1 93.5

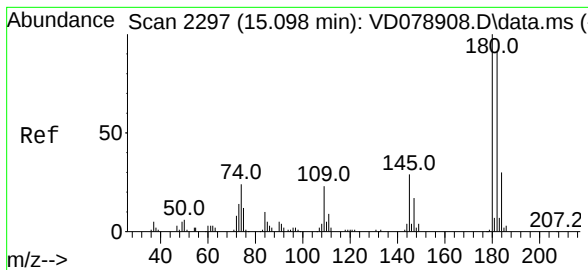


#92
1,2-Dibromo-3-Chloropropane
Concen: 5.557 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD078905.D
Acq: 13 May 2024 10:23



Tgt Ion: 75 Resp: 654
Ion Ratio Lower Upper
75 100
155 92.7 47.7 143.1
157 152.0 63.4 190.2





#93

1,2,4-Trichlorobenzene

Concen: 5.309 ug/l

RT: 15.104 min Scan# 2297

Delta R.T. 0.006 min

Lab File: VD078905.D

Acq: 13 May 2024 10:23

Instrument :

MSVOA_D

ClientSampleId :

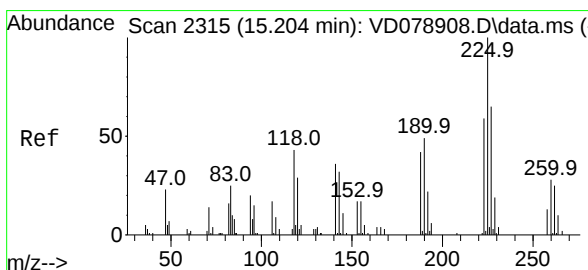
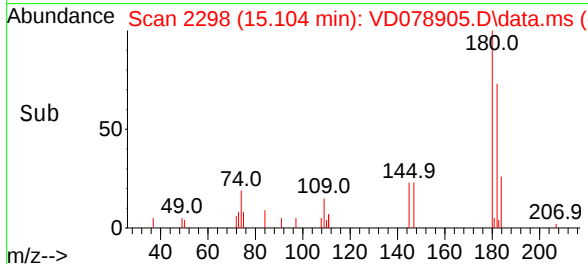
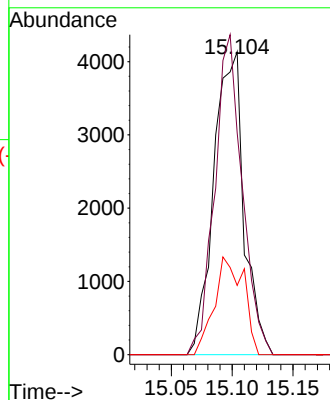
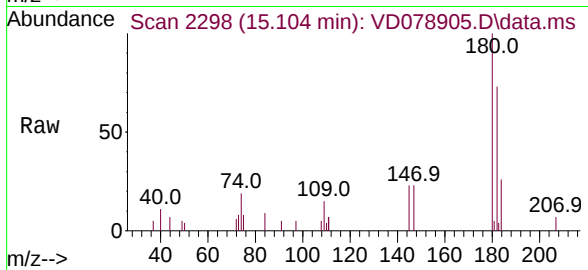
Tgt Ion:180 Resp: 7113

Ion Ratio Lower Upper

180 100

182 96.5 46.9 140.7

145 31.4 14.0 41.9



#94

Hexachlorobutadiene

Concen: 5.437 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. -0.006 min

Lab File: VD078905.D

Acq: 13 May 2024 10:23

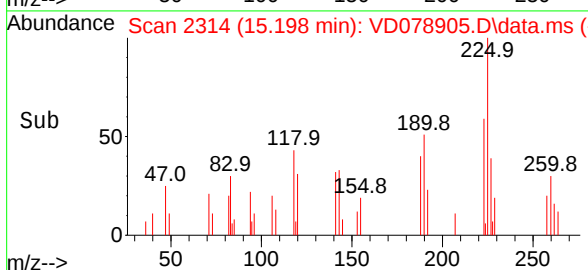
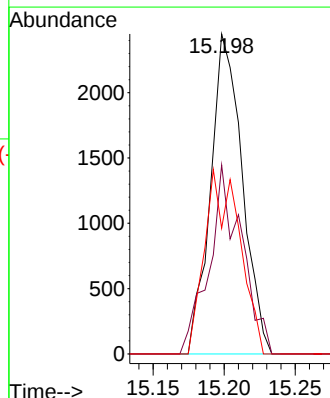
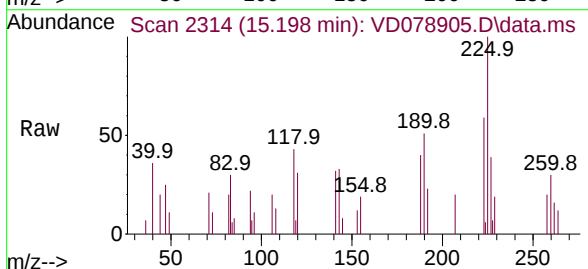
Tgt Ion:225 Resp: 3807

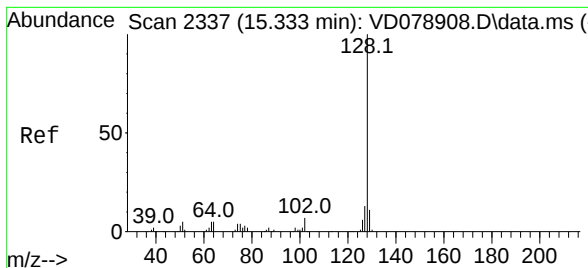
Ion Ratio Lower Upper

225 100

223 60.6 33.3 99.9

227 63.0 33.6 100.6





#95

Naphthalene

Concen: 5.266 ug/l

RT: 15.334 min Scan# 2337

Delta R.T. 0.001 min

Lab File: VD078905.D

Acq: 13 May 2024 10:23

Instrument :

MSVOA_D

ClientSampleId :

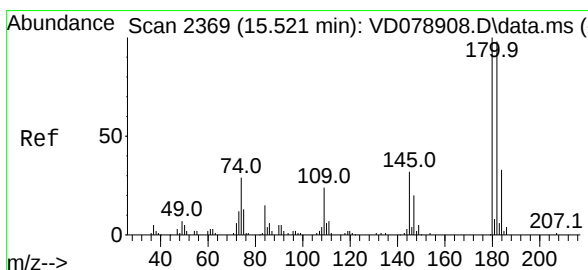
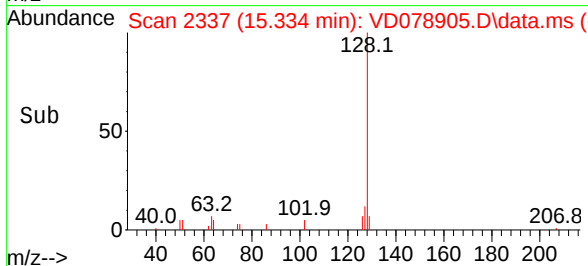
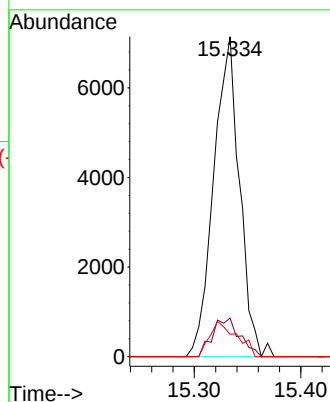
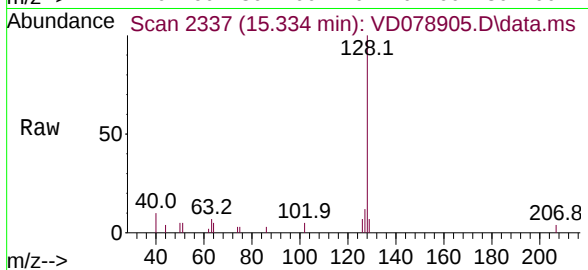
Tgt Ion:128 Resp: 12019

Ion Ratio Lower Upper

128 100

127 12.1 10.2 15.4

129 7.0 8.5 12.7#



#96

1,2,3-Trichlorobenzene

Concen: 5.486 ug/l

RT: 15.516 min Scan# 2368

Delta R.T. -0.006 min

Lab File: VD078905.D

Acq: 13 May 2024 10:23

Tgt Ion:180 Resp: 6539

Ion Ratio Lower Upper

180 100

182 88.4 47.8 143.3

145 25.3 16.1 48.2

