

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021723\
 Data File : VD075351.D
 Acq On : 17 Feb 2023 11:03
 Operator : KP/SY
 Sample : VD0217SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0217SBS01

Quant Time: Feb 18 01:04:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 04:26:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	46662	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	77454	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	70637	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	37305	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	28238	51.609	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.220%
35) Dibromofluoromethane	7.804	113	29219	53.800	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.600%
50) Toluene-d8	10.269	98	103203	50.107	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.220%
62) 4-Bromofluorobenzene	12.575	95	34950	51.462	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.920%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	8992	21.924	ug/l	92
3) Chloromethane	2.146	50	15367	20.471	ug/l	95
4) Vinyl Chloride	2.281	62	16336	21.043	ug/l	99
5) Bromomethane	2.681	94	8758	17.633	ug/l	100
6) Chloroethane	2.834	64	12130	22.650	ug/l	92
7) Trichlorofluoromethane	3.169	101	20857	21.608	ug/l	94
8) Diethyl Ether	3.593	74	5147	19.836	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.975	101	12393	22.626	ug/l	97
10) Methyl Iodide	4.163	142	6907	12.434	ug/l	97
11) Tert butyl alcohol	5.034	59	777	16.514	ug/l #	89
12) 1,1-Dichloroethene	3.940	96	10373	19.862	ug/l	94
13) Acrolein	3.793	56	2541	130.616	ug/l	94
14) Allyl chloride	4.563	41	18641	21.453	ug/l	94
15) Acrylonitrile	5.251	53	13401	106.694	ug/l	99
16) Acetone	4.028	43	14287	98.750	ug/l	92
17) Carbon Disulfide	4.269	76	29451	18.279	ug/l	100
18) Methyl Acetate	4.557	43	8704	20.970	ug/l	96
19) Methyl tert-butyl Ether	5.322	73	25470	21.242	ug/l	100
20) Methylene Chloride	4.804	84	14448	20.093	ug/l	94
21) trans-1,2-Dichloroethene	5.304	96	11838	20.031	ug/l	97
22) Diisopropyl ether	6.222	45	37321	21.593	ug/l #	97
23) Vinyl Acetate	6.163	43	57689	109.745	ug/l	97
24) 1,1-Dichloroethane	6.110	63	23591	21.893	ug/l	98
25) 2-Butanone	7.081	43	18505	103.226	ug/l	99
26) 2,2-Dichloropropane	7.075	77	20197	21.175	ug/l	97
27) cis-1,2-Dichloroethene	7.087	96	13834	20.923	ug/l	97
28) Bromochloromethane	7.428	49	6519	22.027	ug/l #	91
29) Tetrahydrofuran	7.445	42	9856	102.100	ug/l	95
30) Chloroform	7.598	83	24240	21.856	ug/l	92
31) Cyclohexane	7.881	56	18870	19.422	ug/l #	93
32) 1,1,1-Trichloroethane	7.792	97	22627	22.808	ug/l	98
36) 1,1-Dichloropropene	8.010	75	17735	20.963	ug/l	98
37) Ethyl Acetate	7.169	43	8091	21.928	ug/l #	94
38) Carbon Tetrachloride	7.987	117	18768	23.940	ug/l	93
39) Methylcyclohexane	9.275	83	18430	18.820	ug/l	96
40) Benzene	8.251	78	49340	20.750	ug/l	98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.392	41	2999	13.625	ug/l #	84
42) 1,2-Dichloroethane	8.322	62	14848	21.569	ug/l	100
43) Isopropyl Acetate	8.363	43	14401	20.426	ug/l #	83
44) Trichloroethene	9.028	130	13536	20.651	ug/l	99
45) 1,2-Dichloropropane	9.304	63	13133	21.748	ug/l	97
46) Dibromomethane	9.392	93	6829	20.406	ug/l	99
47) Bromodichloromethane	9.586	83	18435	22.134	ug/l	92
48) Methyl methacrylate	9.381	41	7377	22.032	ug/l	90
49) 1,4-Dioxane	9.386	88	1485	475.121	ug/l	92
51) 4-Methyl-2-Pentanone	10.163	43	37503	105.217	ug/l	94
52) Toluene	10.334	92	31742	21.194	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	13869	19.224	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	17275	20.028	ug/l	92
55) 1,1,2-Trichloroethane	10.739	97	9658	22.608	ug/l	92
56) Ethyl methacrylate	10.604	69	10482	21.106	ug/l	94
57) 1,3-Dichloropropane	10.881	76	15966	21.939	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	11204	89.216	ug/l	97
59) 2-Hexanone	10.922	43	27546	105.781	ug/l	91
60) Dibromochloromethane	11.075	129	12106	22.873	ug/l	98
61) 1,2-Dibromoethane	11.181	107	8459	20.536	ug/l	99
64) Tetrachloroethene	10.810	164	11223	20.629	ug/l	90
65) Chlorobenzene	11.610	112	34563	21.697	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.686	131	12629	21.775	ug/l	99
67) Ethyl Benzene	11.686	91	61709	20.983	ug/l	99
68) m/p-Xylenes	11.798	106	47788	42.717	ug/l	97
69) o-Xylene	12.128	106	21707	20.773	ug/l	94
70) Styrene	12.139	104	38632	21.825	ug/l	98
71) Bromoform	12.304	173	6704	21.520	ug/l #	96
73) Isopropylbenzene	12.428	105	59819	19.794	ug/l	97
74) N-amyl acetate	12.233	43	13279	19.554	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	10962	20.849	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	13222	31.204	ug/l #	100
77) Bromobenzene	12.698	156	13520	19.756	ug/l	94
78) n-propylbenzene	12.763	91	76084	20.233	ug/l	98
79) 2-Chlorotoluene	12.851	91	41251	19.999	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	51296	20.385	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.475	75	2070	17.287	ug/l #	83
82) 4-Chlorotoluene	12.951	91	43885	20.396	ug/l	96
83) tert-Butylbenzene	13.169	119	42390	19.540	ug/l	97
84) 1,2,4-Trimethylbenzene	13.216	105	50853	20.234	ug/l	99
85) sec-Butylbenzene	13.351	105	67472	20.274	ug/l	98
86) p-Isopropyltoluene	13.463	119	56033	20.582	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	29055	21.006	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	28848	20.843	ug/l	97
89) n-Butylbenzene	13.792	91	53751	20.224	ug/l	98
90) Hexachloroethane	14.057	117	11080	20.644	ug/l	98
91) 1,2-Dichlorobenzene	13.833	146	24765	20.635	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	1832	22.464	ug/l	93
93) 1,2,4-Trichlorobenzene	15.104	180	14744	19.615	ug/l	99
94) Hexachlorobutadiene	15.204	225	8703	21.946	ug/l	97
95) Naphthalene	15.333	128	26691	19.078	ug/l	98
96) 1,2,3-Trichlorobenzene	15.521	180	13347	20.580	ug/l	98

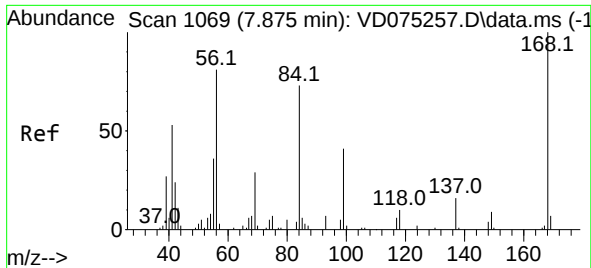
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Response via : Initial Calibration

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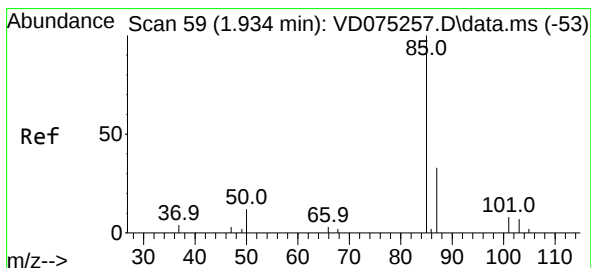
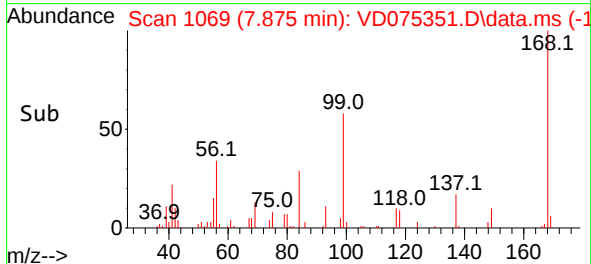
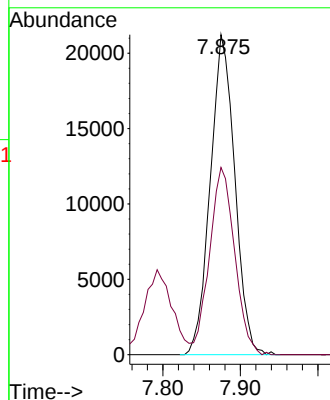
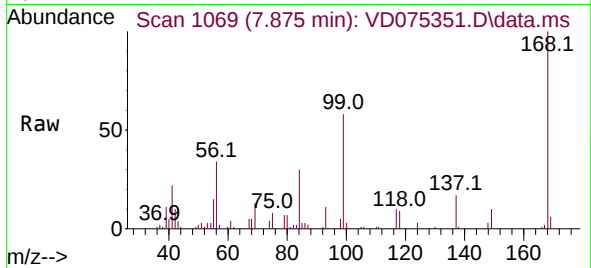
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD075351.D
Acq: 17 Feb 2023 11:03

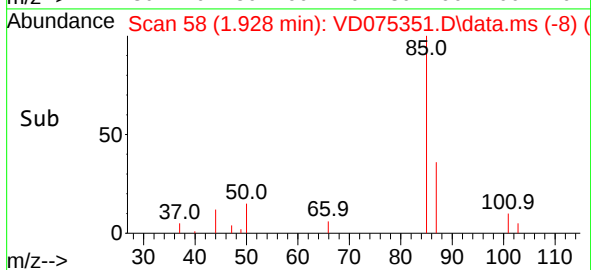
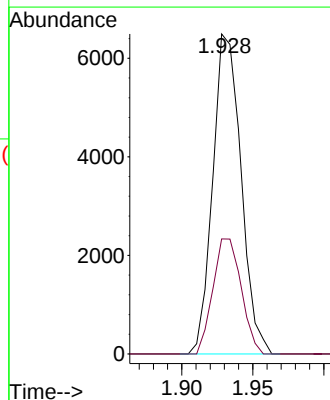
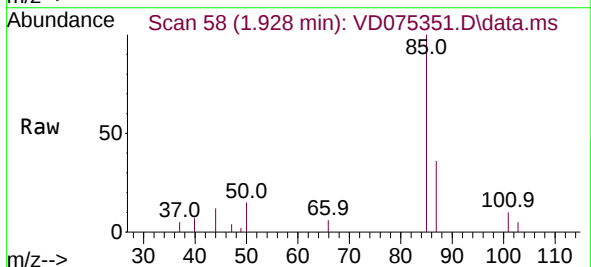
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ClientSampleId :
VD0217SBS01

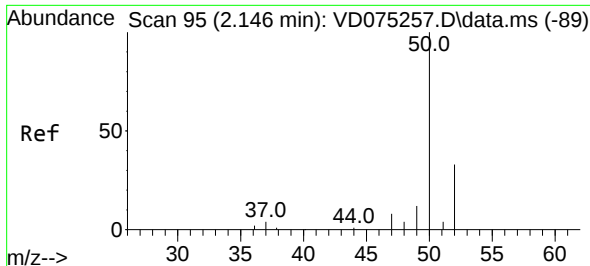
Tgt Ion:168 Resp: 46662
Ion Ratio Lower Upper
168 100
99 58.5 45.2 67.8



#2
Dichlorodifluoromethane
Concen: 21.924 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.006 min
Lab File: VD075351.D
Acq: 17 Feb 2023 11:03

Tgt Ion: 85 Resp: 8992
Ion Ratio Lower Upper
85 100
87 35.9 15.7 47.0

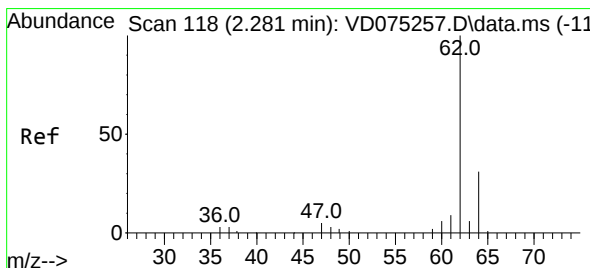
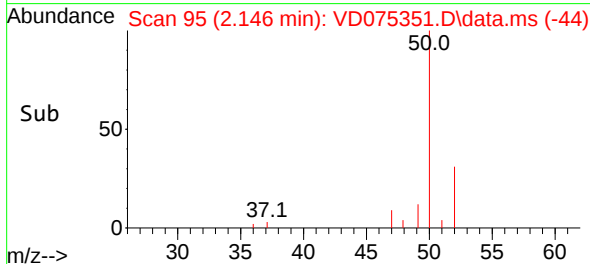
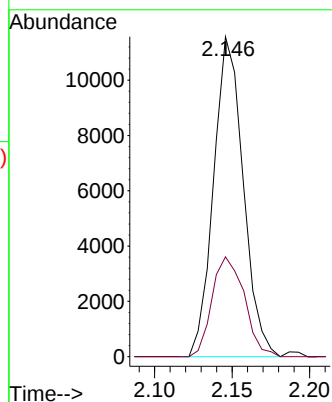
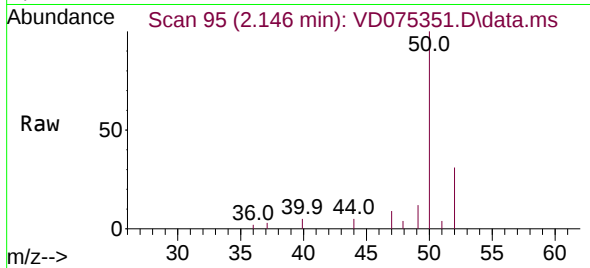




#3
Chloromethane
Concen: 20.471 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075351.D
Acq: 17 Feb 2023 11:03

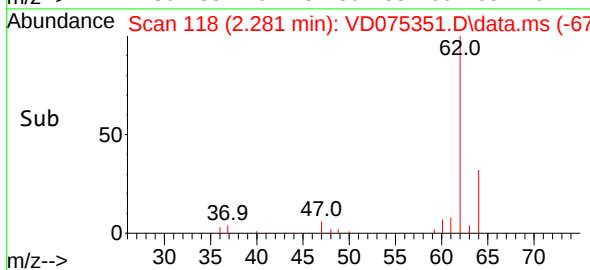
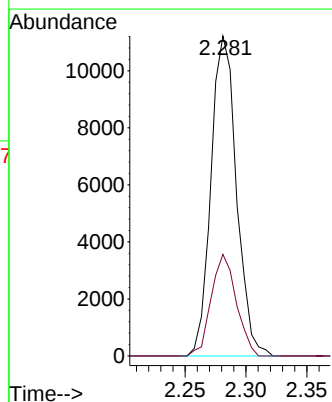
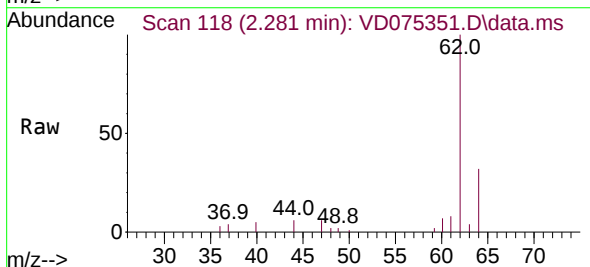
Instrument :
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ClientSampleId :
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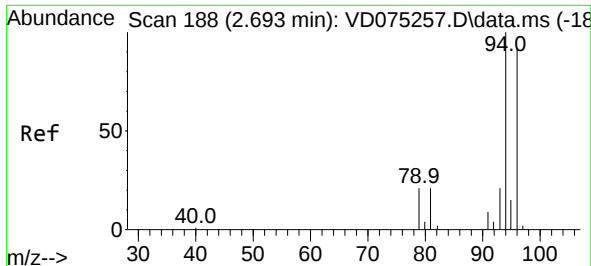
Tgt Ion: 50 Resp: 15367
Ion Ratio Lower Upper
50 100
52 31.2 27.0 40.6



#4
Vinyl Chloride
Concen: 21.043 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD075351.D
Acq: 17 Feb 2023 11:03

Tgt Ion: 62 Resp: 16336
Ion Ratio Lower Upper
62 100
64 31.7 24.8 37.2

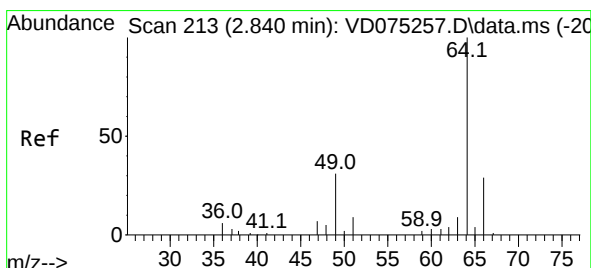
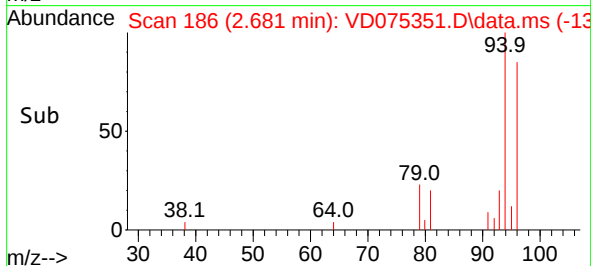
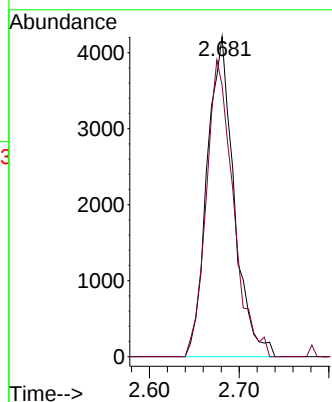
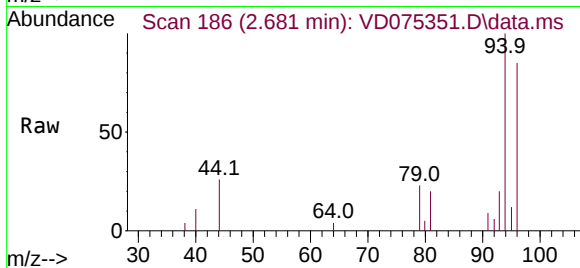




#5
Bromomethane
Concen: 17.633 ug/l
RT: 2.681 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD075351.D
Acq: 17 Feb 2023 11:03

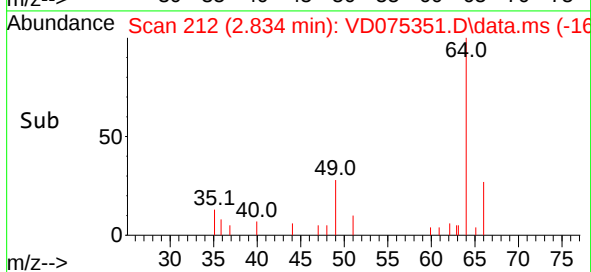
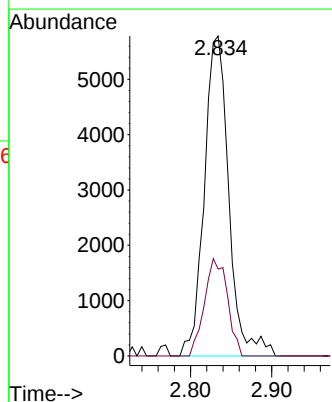
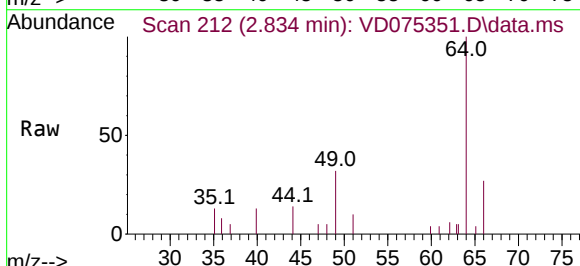
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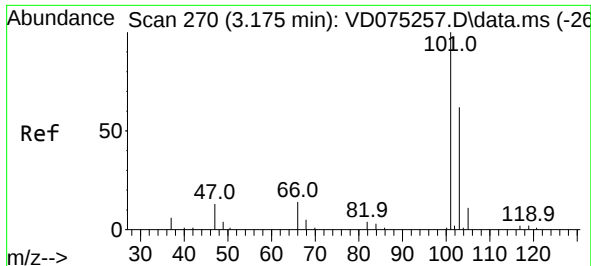
Tgt Ion: 94 Resp: 8758
Ion Ratio Lower Upper
94 100
96 93.1 74.8 112.2



#6
Chloroethane
Concen: 22.650 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD075351.D
Acq: 17 Feb 2023 11:03

Tgt Ion: 64 Resp: 12130
Ion Ratio Lower Upper
64 100
66 27.1 25.4 38.2

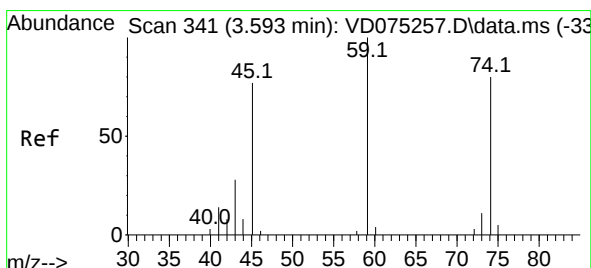
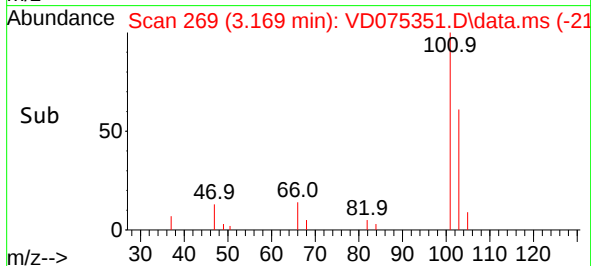
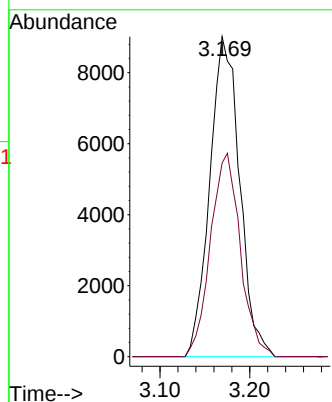
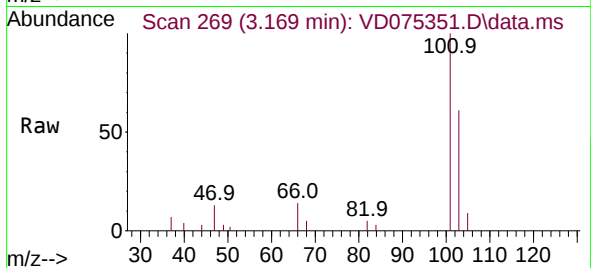




#7
Trichlorofluoromethane
Concen: 21.608 ug/l
RT: 3.169 min Scan# 20
Delta R.T. -0.006 min
Lab File: VD075351.D
Acq: 17 Feb 2023 11:03

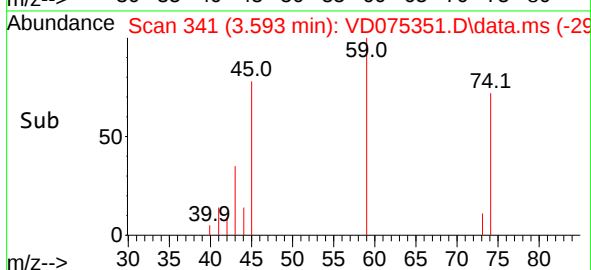
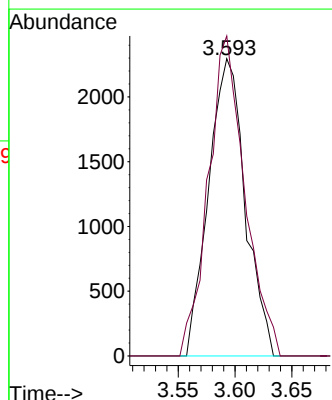
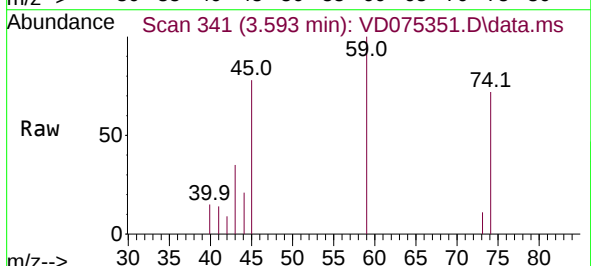
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ClientSampleId :
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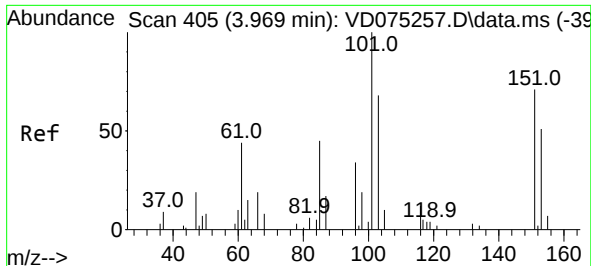
Tgt Ion:101 Resp: 20857
Ion Ratio Lower Upper
101 100
103 60.5 52.2 78.4



#8
Diethyl Ether
Concen: 19.836 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD075351.D
Acq: 17 Feb 2023 11:03

Tgt Ion: 74 Resp: 5147
Ion Ratio Lower Upper
74 100
45 107.1 49.8 149.3

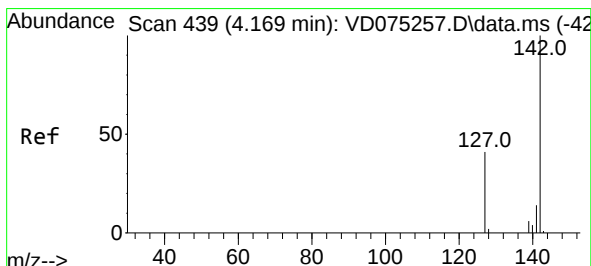
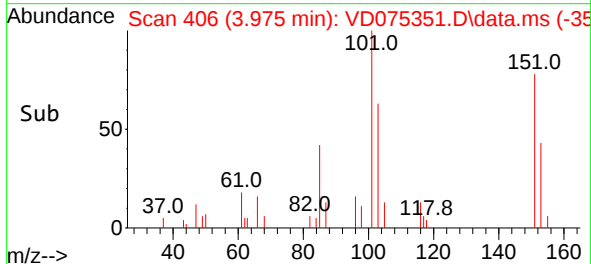
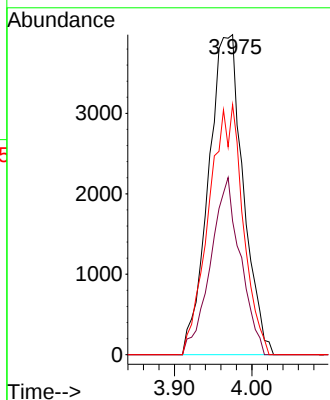
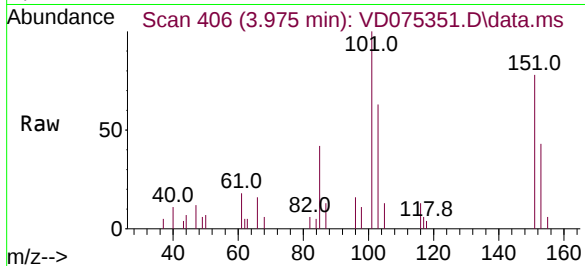




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.626 ug/l
RT: 3.975 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD075351.D
Acq: 17 Feb 2023 11:03

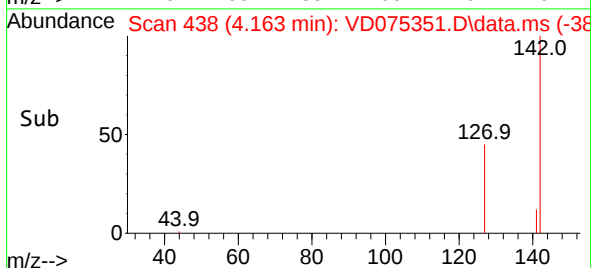
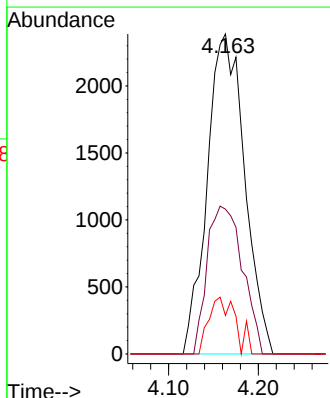
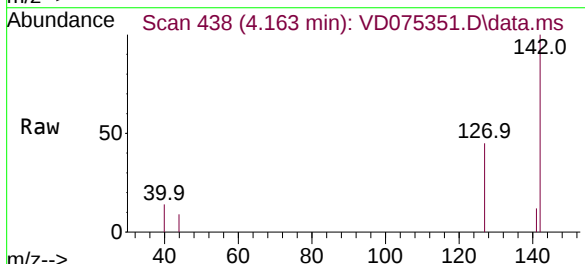
Instrument :
MSVOA_D
ClientSampleId :
VD0217SBS01

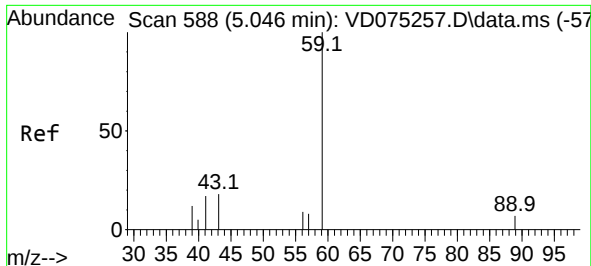
Tgt Ion:101 Resp: 12393
Ion Ratio Lower Upper
101 100
85 47.7 36.9 55.3
151 77.0 58.9 88.3



#10
Methyl Iodide
Concen: 12.434 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.006 min
Lab File: VD075351.D
Acq: 17 Feb 2023 11:03

Tgt Ion:142 Resp: 6907
Ion Ratio Lower Upper
142 100
127 43.7 33.6 50.4
141 12.7 11.1 16.7

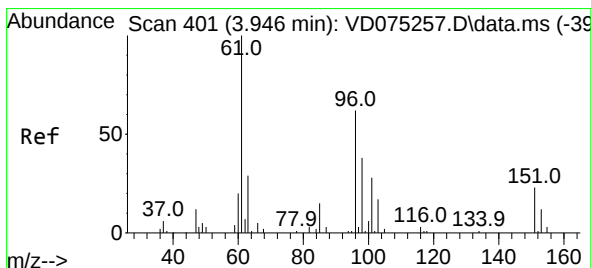
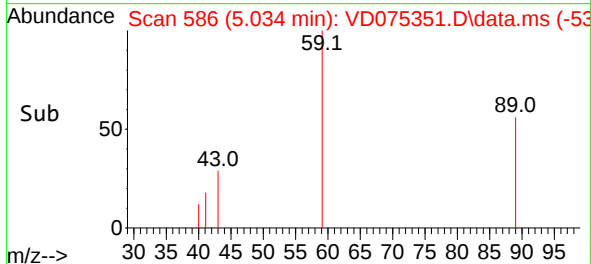
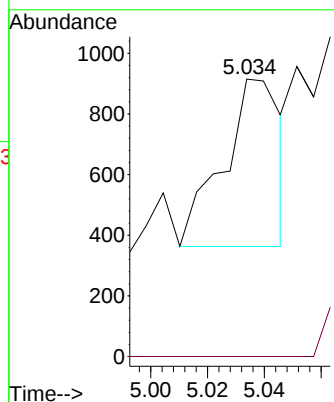
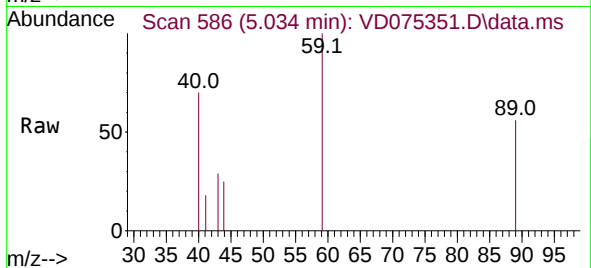




#11
Tert butyl alcohol
Concen: 16.514 ug/l
RT: 5.034 min Scan# 51
Delta R.T. -0.012 min
Lab File: VD075351.D
Acq: 17 Feb 2023 11:03

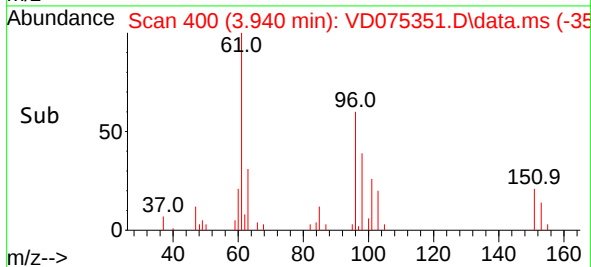
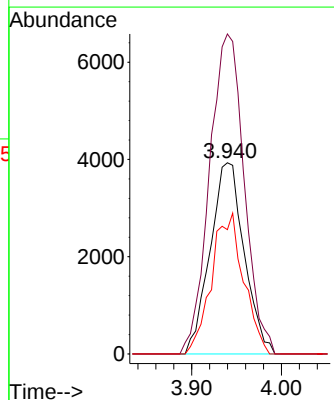
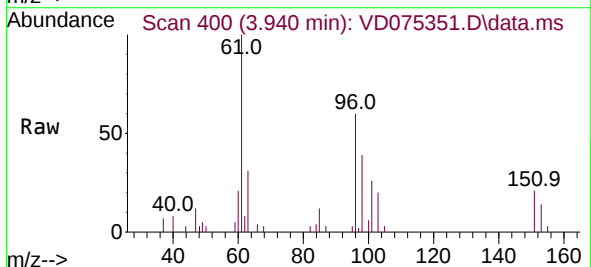
Instrument :
MSVOA_D
ClientSampleId :
VD0217SBS01

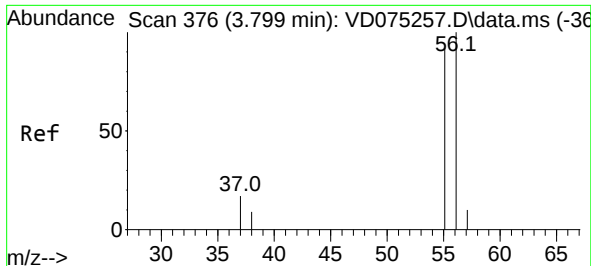
Tgt Ion: 59 Resp: 777
Ion Ratio Lower Upper
59 100
57 0.0 2.9 4.3#



#12
1,1-Dichloroethene
Concen: 19.862 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.006 min
Lab File: VD075351.D
Acq: 17 Feb 2023 11:03

Tgt Ion: 96 Resp: 10373
Ion Ratio Lower Upper
96 100
61 167.4 126.8 190.2
98 65.0 50.4 75.6





#13

Acrolein

Concen: 130.616 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD075351.D

Acq: 17 Feb 2023 11:03

Instrument :

MSVOA_D

ClientSampleId :

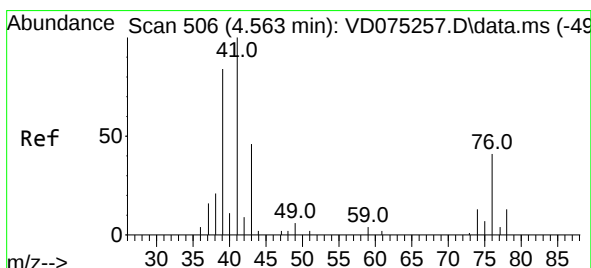
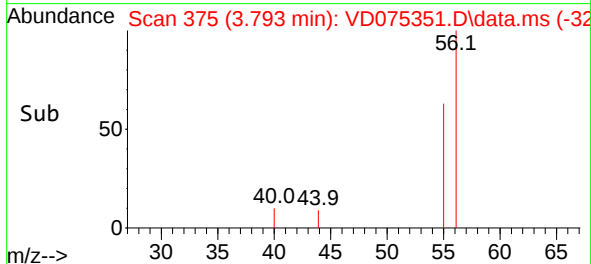
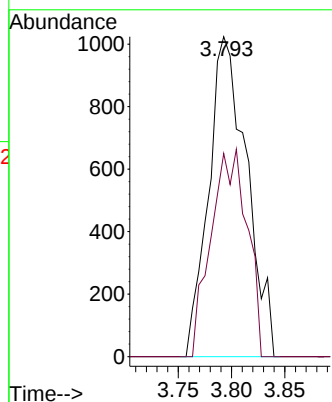
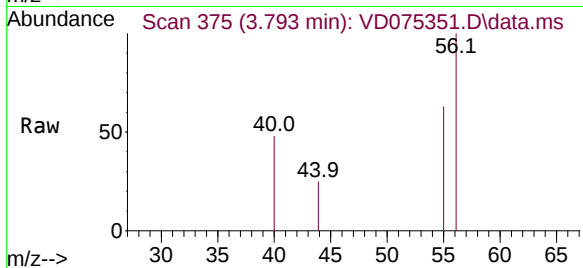
VD0217SBS01

Tgt Ion: 56 Resp: 2541

Ion Ratio Lower Upper

56 100

55 61.7 53.0 79.6



#14

Allyl chloride

Concen: 21.453 ug/l

RT: 4.563 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD075351.D

Acq: 17 Feb 2023 11:03

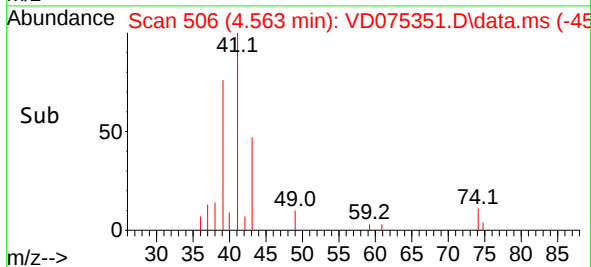
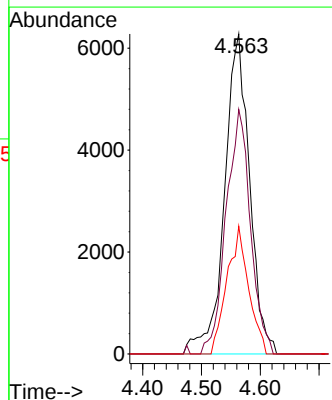
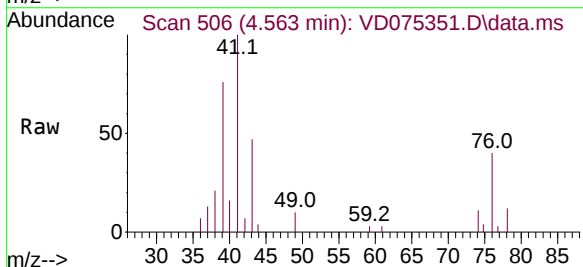
Tgt Ion: 41 Resp: 18641

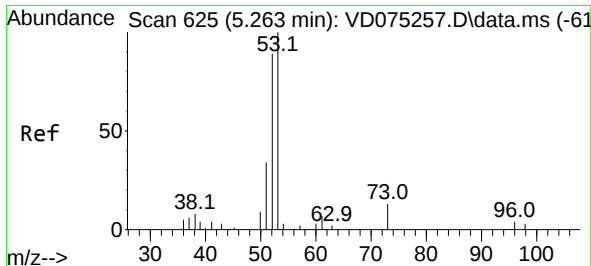
Ion Ratio Lower Upper

41 100

39 74.1 55.4 83.0

76 34.4 30.2 45.2

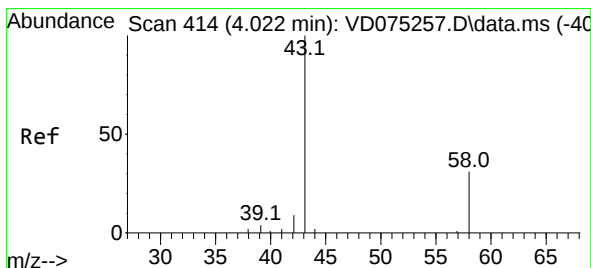
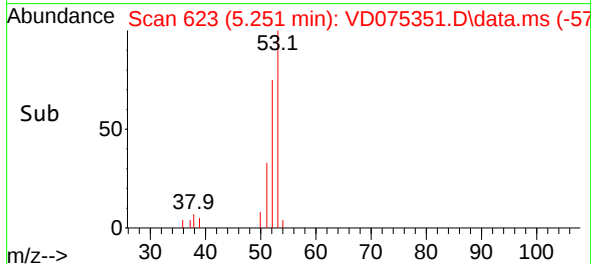
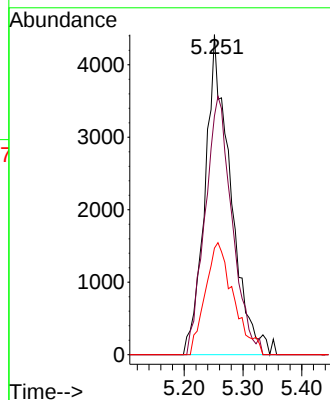
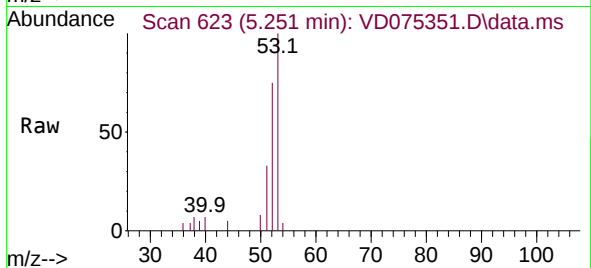




#15
Acrylonitrile
Concen: 106.694 ug/l
RT: 5.251 min Scan# 61
Delta R.T. -0.012 min
Lab File: VD075351.D
Acq: 17 Feb 2023 11:03

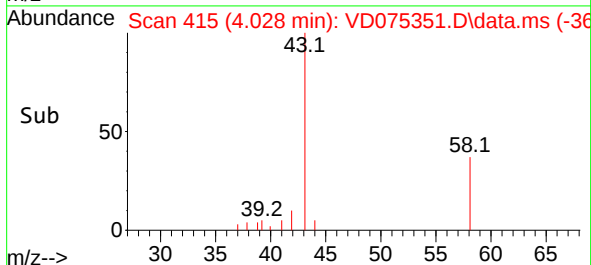
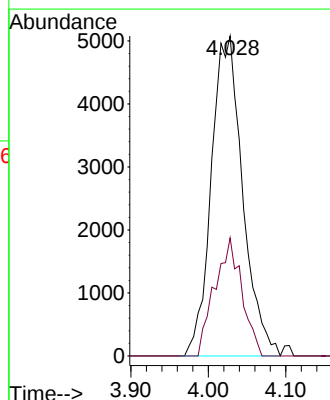
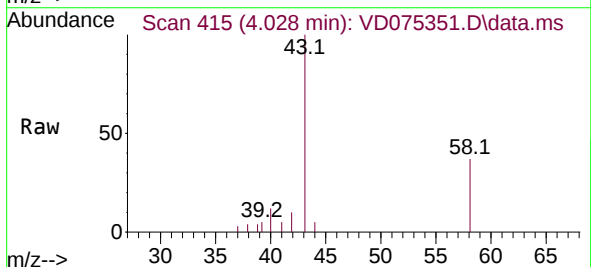
Instrument :
MSVOA_D
ClientSampleId :
VD0217SBS01

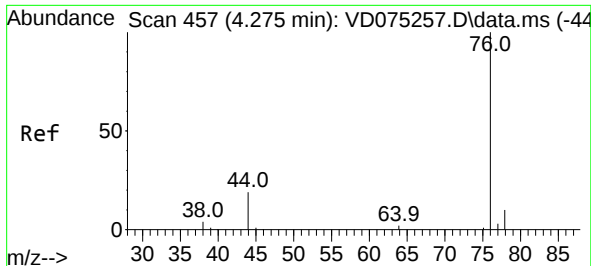
Tgt Ion:	53	Resp:	13401
Ion	Ratio	Lower	Upper
53	100		
52	84.9	67.0	100.6
51	38.5	30.1	45.1



#16
Acetone
Concen: 98.750 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD075351.D
Acq: 17 Feb 2023 11:03

Tgt Ion:	43	Resp:	14287
Ion	Ratio	Lower	Upper
43	100		
58	36.9	26.0	39.0

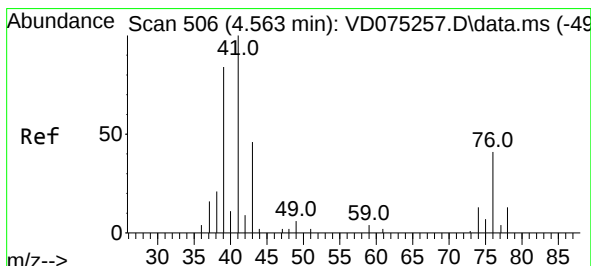
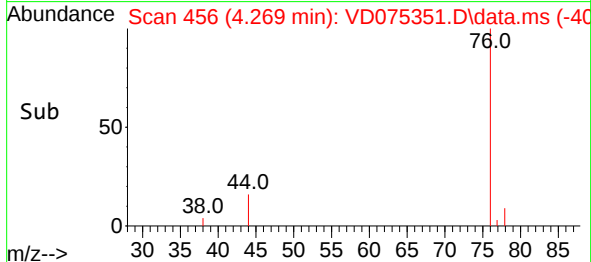
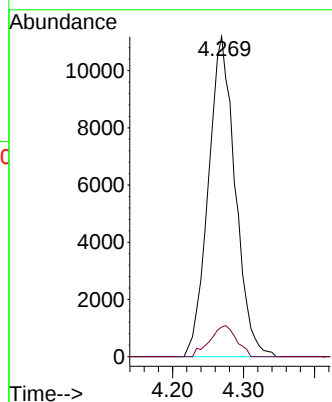
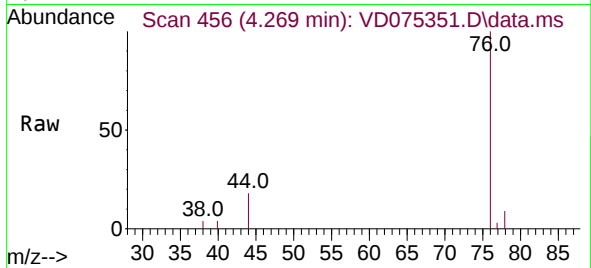




#17
Carbon Disulfide
Concen: 18.279 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD075351.D
Acq: 17 Feb 2023 11:03

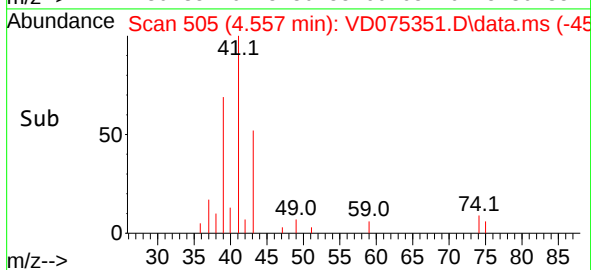
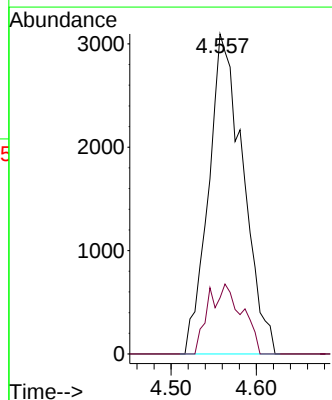
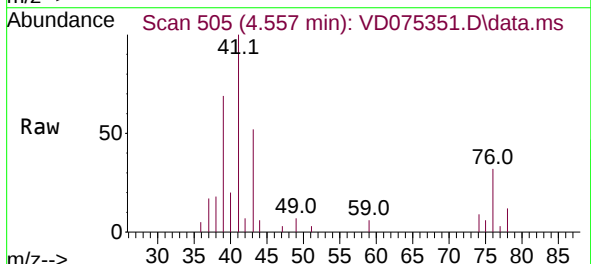
Instrument :
MSVOA_D
ClientSampleId :
VD0217SBS01

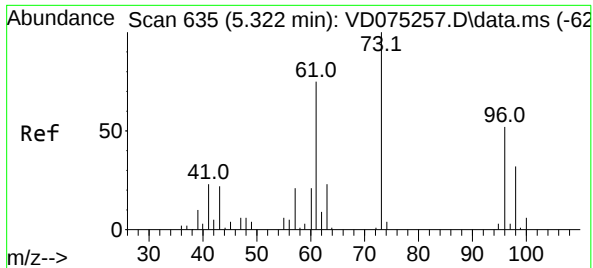
Tgt Ion: 76 Resp: 29451
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 20.970 ug/l
RT: 4.557 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD075351.D
Acq: 17 Feb 2023 11:03

Tgt Ion: 43 Resp: 8704
Ion Ratio Lower Upper
43 100
74 21.2 18.5 27.7

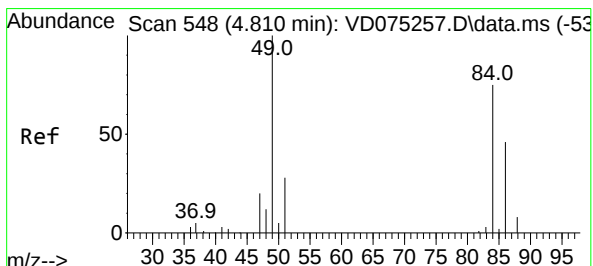
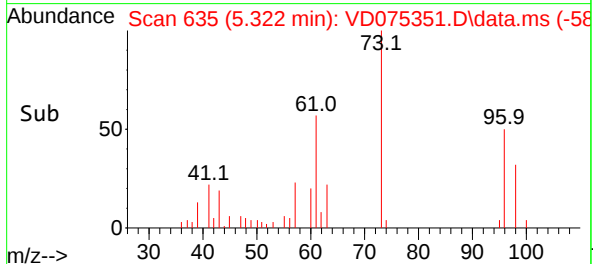
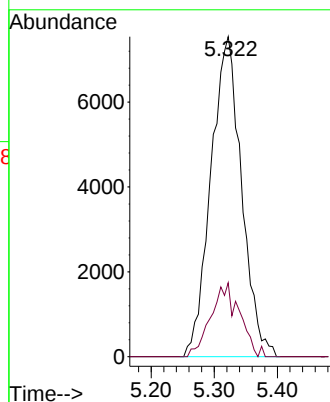
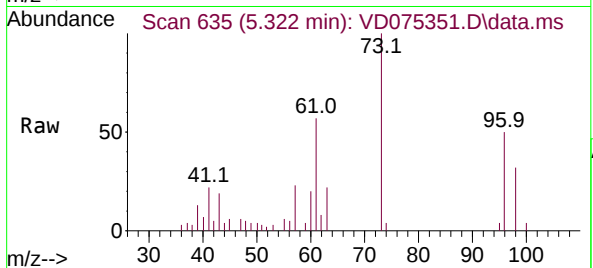




#19
Methyl tert-butyl Ether
Concen: 21.242 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD075351.D
Acq: 17 Feb 2023 11:03

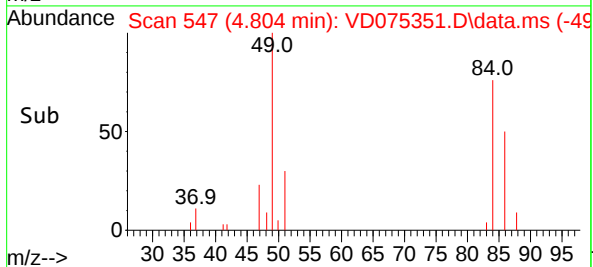
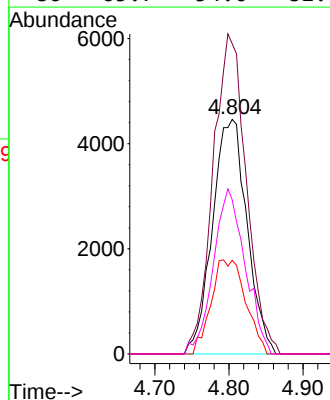
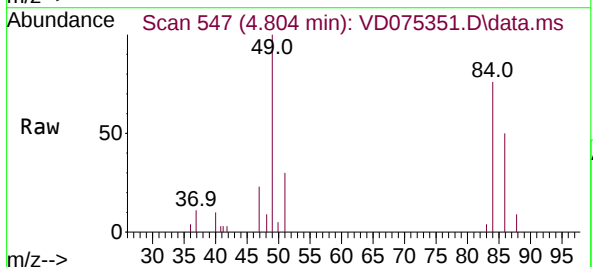
Instrument :
MSVOA_D
ClientSampleId :
VD0217SBS01

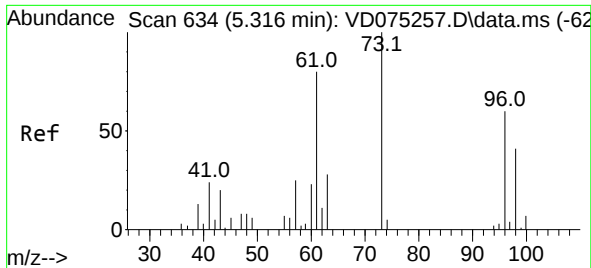
Tgt Ion: 73 Resp: 25470
Ion Ratio Lower Upper
73 100
57 23.1 18.5 27.7



#20
Methylene Chloride
Concen: 20.093 ug/l
RT: 4.804 min Scan# 547
Delta R.T. -0.006 min
Lab File: VD075351.D
Acq: 17 Feb 2023 11:03

Tgt Ion: 84 Resp: 14448
Ion Ratio Lower Upper
84 100
49 132.2 97.0 145.6
51 39.9 30.9 46.3
86 65.7 54.0 81.0

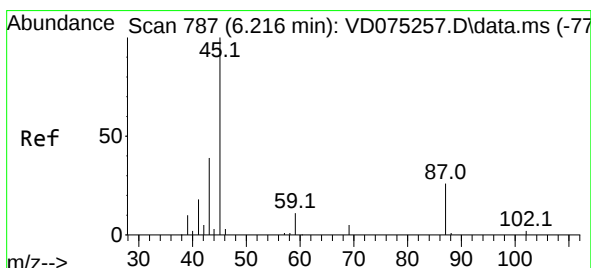
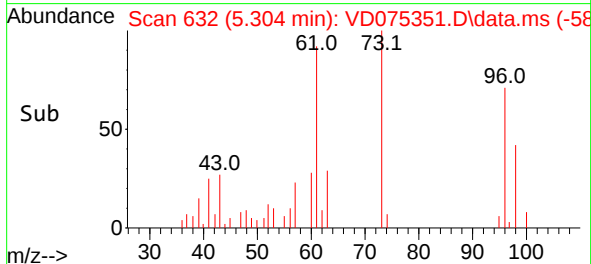
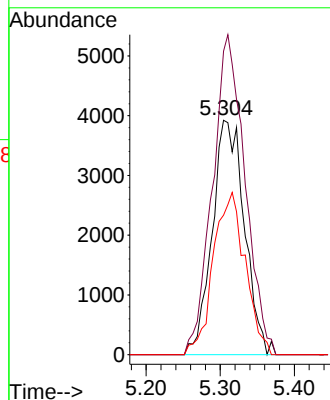
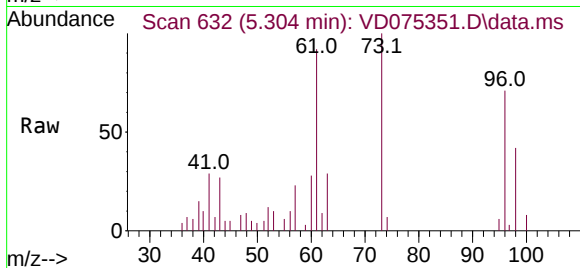




#21
trans-1,2-Dichloroethene
Concen: 20.031 ug/l
RT: 5.304 min Scan# 61
Delta R.T. -0.012 min
Lab File: VD075351.D
Acq: 17 Feb 2023 11:03

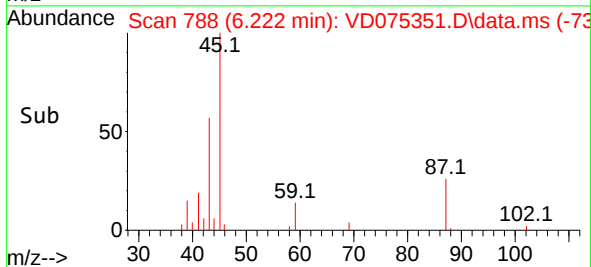
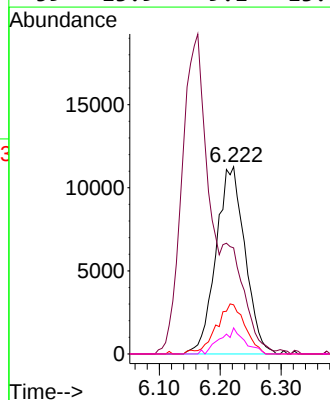
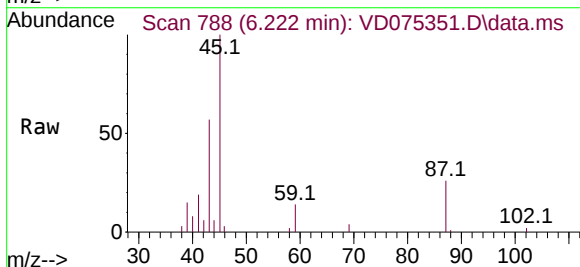
Instrument :
MSVOA_D
ClientSampleId :
VD0217SBS01

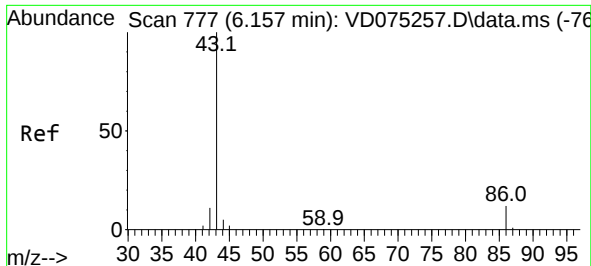
Tgt Ion:	96	Resp:	11838
Ion	Ratio	Lower	Upper
96	100		
61	129.5	105.7	158.5
98	59.5	50.4	75.6



#22
Diisopropyl ether
Concen: 21.593 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD075351.D
Acq: 17 Feb 2023 11:03

Tgt Ion:	45	Resp:	37321
Ion	Ratio	Lower	Upper
45	100		
43	54.3	45.3	67.9
87	26.2	22.1	33.1
59	13.9	9.1	13.7

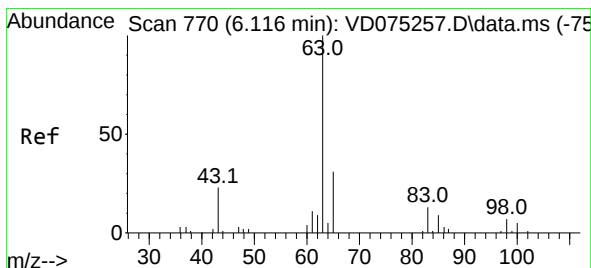
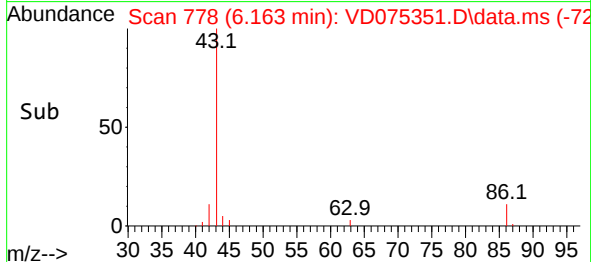
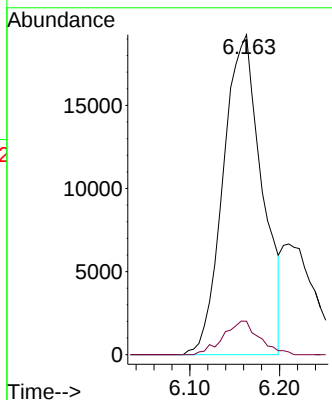
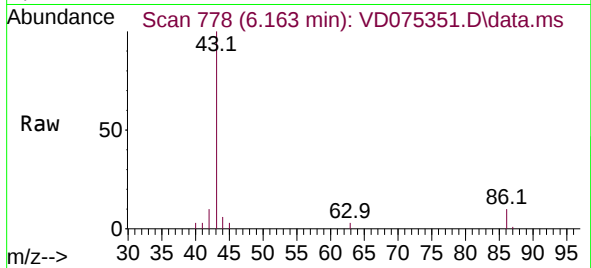




#23
 Vinyl Acetate
 Concen: 109.745 ug/l
 RT: 6.163 min Scan# 777
 Delta R.T. 0.006 min
 Lab File: VD075351.D
 Acq: 17 Feb 2023 11:03

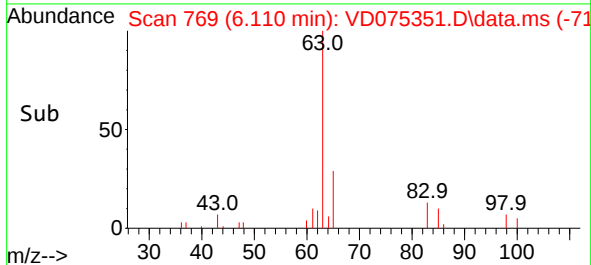
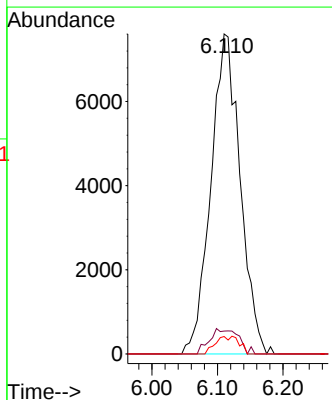
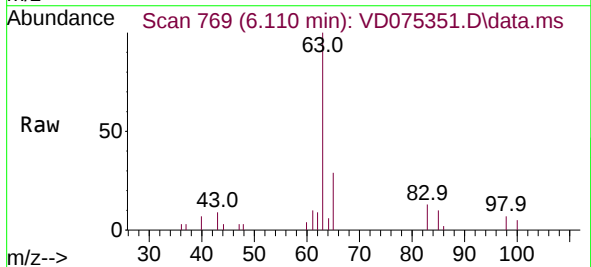
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0217SBS01

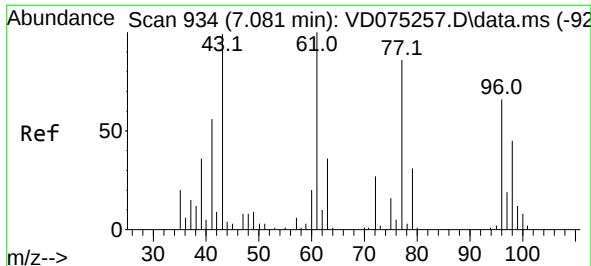
Tgt Ion: 43 Resp: 57689
 Ion Ratio Lower Upper
 43 100
 86 10.4 9.3 13.9



#24
 1,1-Dichloroethane
 Concen: 21.893 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD075351.D
 Acq: 17 Feb 2023 11:03

Tgt Ion: 63 Resp: 23591
 Ion Ratio Lower Upper
 63 100
 98 7.2 4.0 12.2
 100 5.4 2.5 7.4





#25

2-Butanone

Concen: 103.226 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD075351.D

Acq: 17 Feb 2023 11:03

Instrument :

MSVOA_D

ClientSampleId :

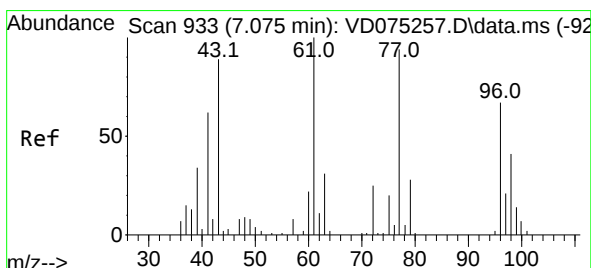
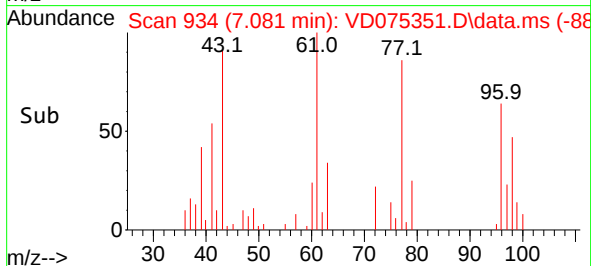
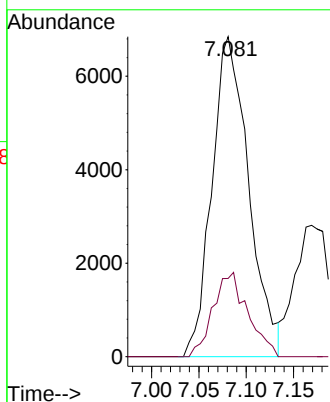
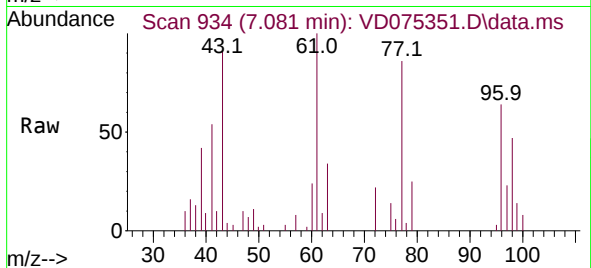
VD0217SBS01

Tgt Ion: 43 Resp: 18505

Ion Ratio Lower Upper

43 100

72 24.4 19.8 29.8



#26

2,2-Dichloropropane

Concen: 21.175 ug/l

RT: 7.075 min Scan# 933

Delta R.T. -0.000 min

Lab File: VD075351.D

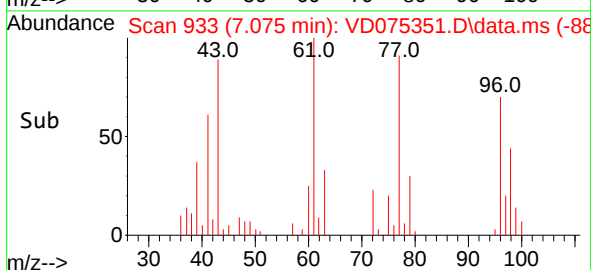
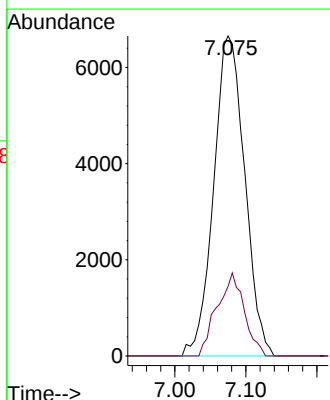
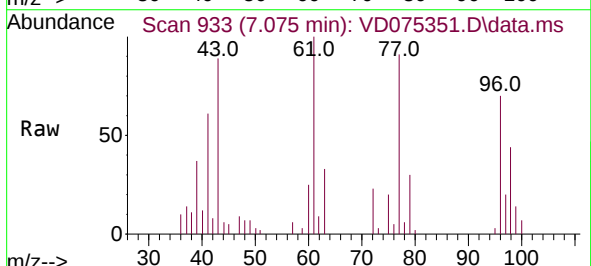
Acq: 17 Feb 2023 11:03

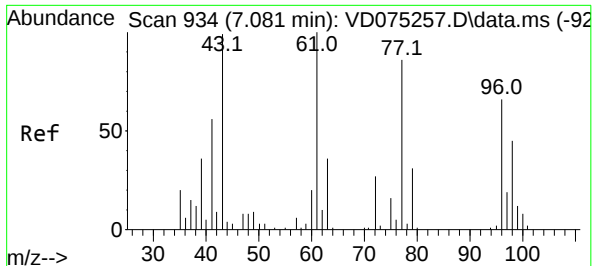
Tgt Ion: 77 Resp: 20197

Ion Ratio Lower Upper

77 100

97 22.6 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 20.923 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD075351.D

Acq: 17 Feb 2023 11:03

Instrument :

MSVOA_D

ClientSampleId :

VD0217SBS01

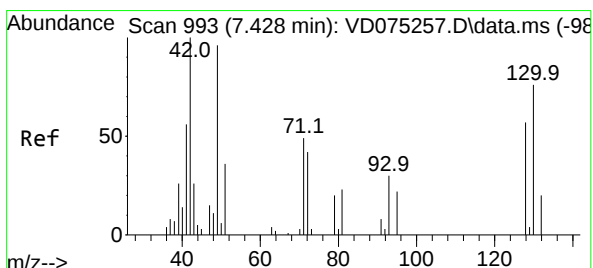
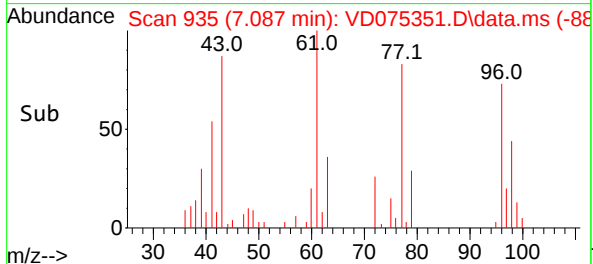
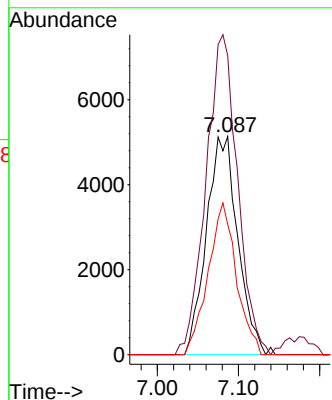
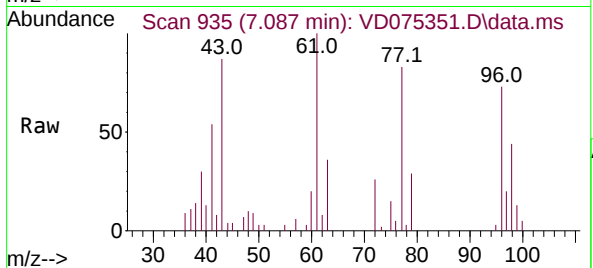
Tgt Ion: 96 Resp: 13834

Ion Ratio Lower Upper

96 100

61 147.4 0.0 287.4

98 62.6 0.0 129.8



#28

Bromochloromethane

Concen: 22.027 ug/l

RT: 7.428 min Scan# 993

Delta R.T. -0.000 min

Lab File: VD075351.D

Acq: 17 Feb 2023 11:03

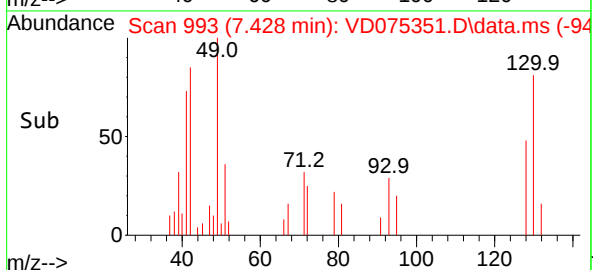
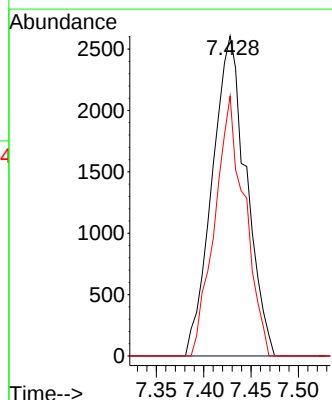
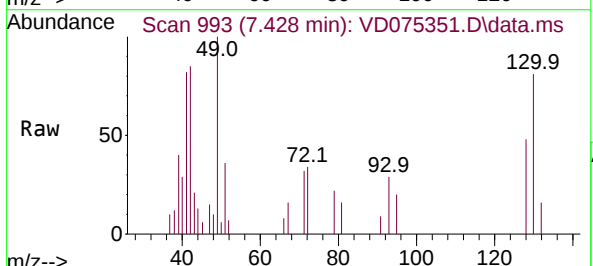
Tgt Ion: 49 Resp: 6519

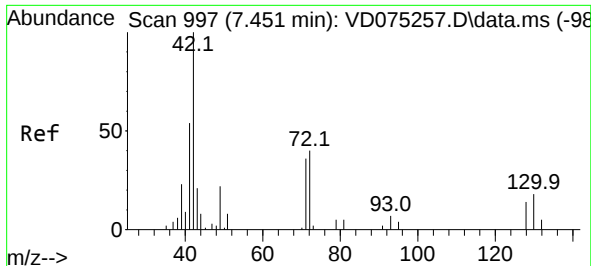
Ion Ratio Lower Upper

49 100

129 0.0 0.0 2.6

130 71.4 63.6 95.4





#29

Tetrahydrofuran

Concen: 102.100 ug/l

RT: 7.445 min Scan# 997

Delta R.T. -0.006 min

Lab File: VD075351.D

Acq: 17 Feb 2023 11:03

Instrument :

MSVOA_D

ClientSampleId :

VD0217SBS01

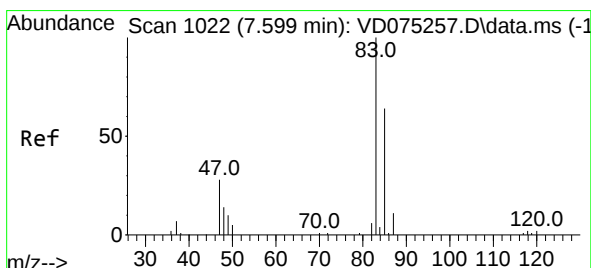
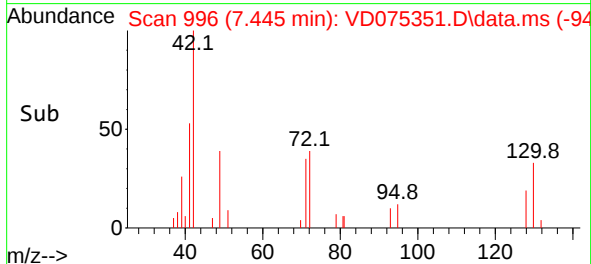
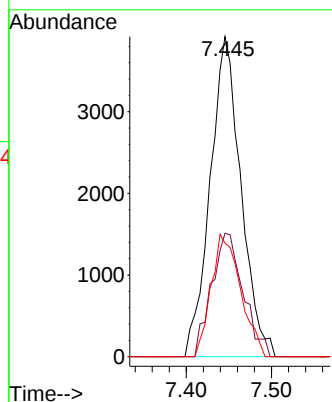
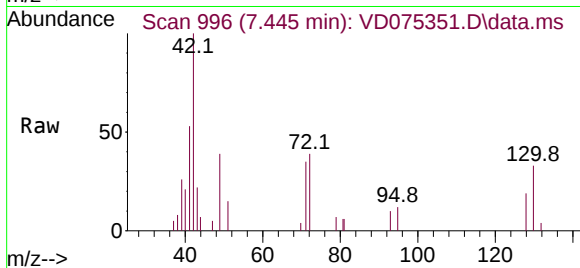
Tgt Ion: 42 Resp: 9856

Ion Ratio Lower Upper

42 100

72 39.5 33.8 50.8

71 36.4 31.6 47.4



#30

Chloroform

Concen: 21.856 ug/l

RT: 7.598 min Scan# 1022

Delta R.T. -0.001 min

Lab File: VD075351.D

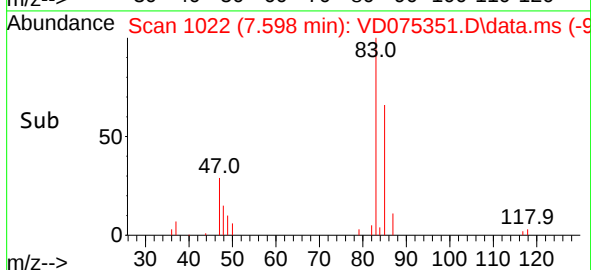
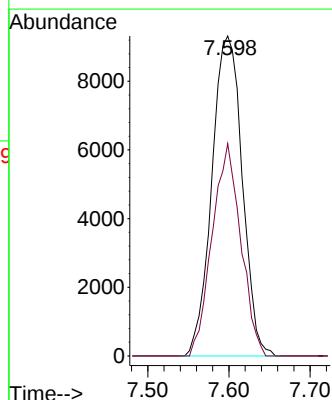
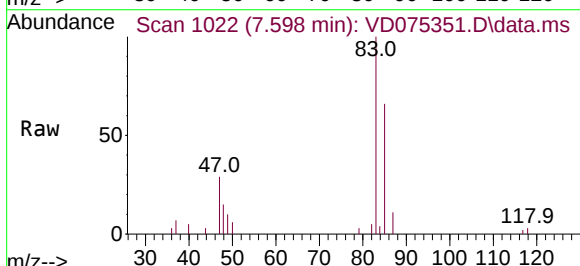
Acq: 17 Feb 2023 11:03

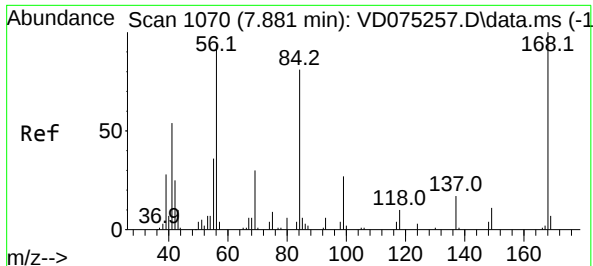
Tgt Ion: 83 Resp: 24240

Ion Ratio Lower Upper

83 100

85 66.3 48.5 72.7

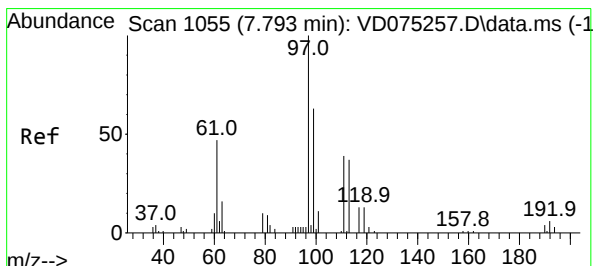
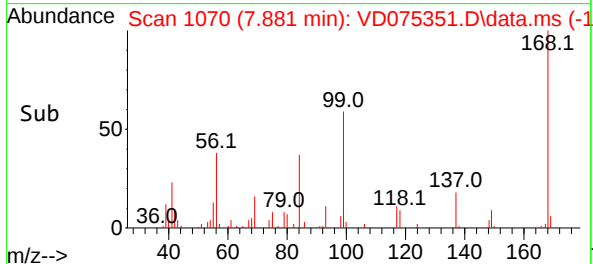
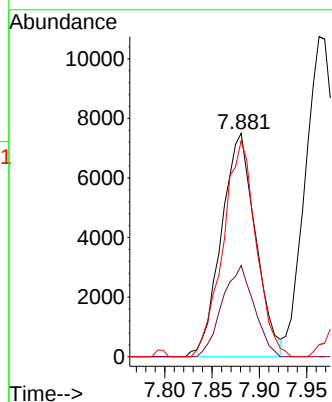
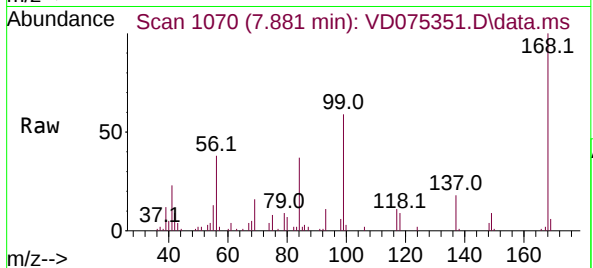




#31
Cyclohexane
Concen: 19.422 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD075351.D
Acq: 17 Feb 2023 11:03

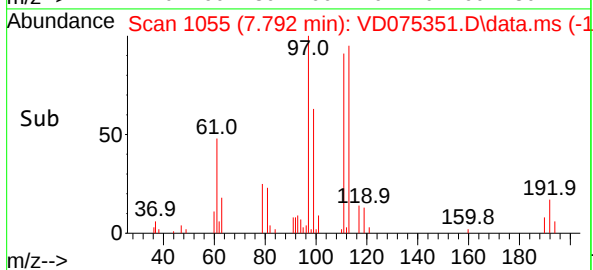
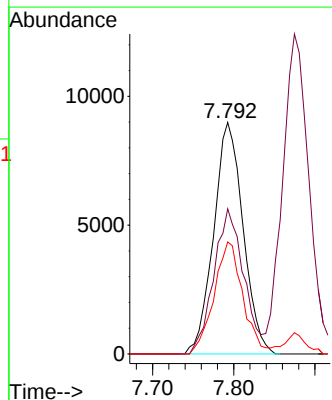
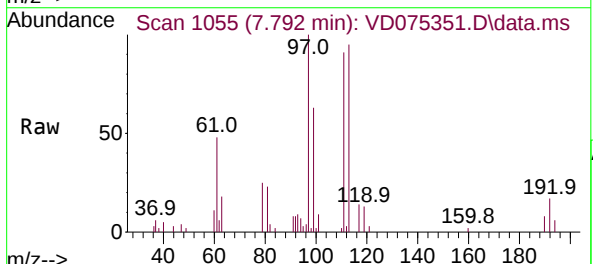
Instrument :
MSVOA_D
ClientSampleId :
VD0217SBS01

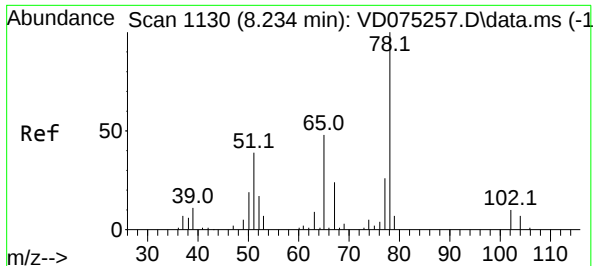
Tgt Ion: 56 Resp: 18870
Ion Ratio Lower Upper
56 100
69 40.9 26.6 40.0#
84 96.7 74.1 111.1



#32
1,1,1-Trichloroethane
Concen: 22.808 ug/l
RT: 7.792 min Scan# 1055
Delta R.T. -0.001 min
Lab File: VD075351.D
Acq: 17 Feb 2023 11:03

Tgt Ion: 97 Resp: 22627
Ion Ratio Lower Upper
97 100
99 63.2 51.7 77.5
61 47.4 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 51.609 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD075351.D

Acq: 17 Feb 2023 11:03

Instrument :

MSVOA_D

ClientSampleId :

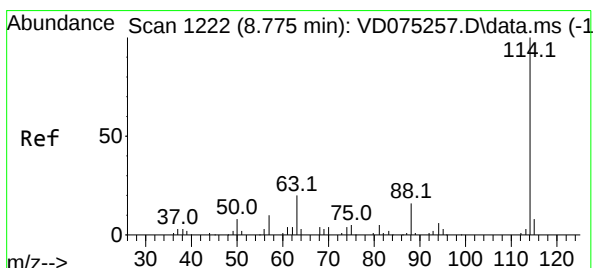
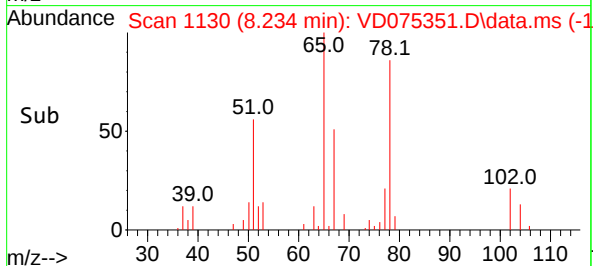
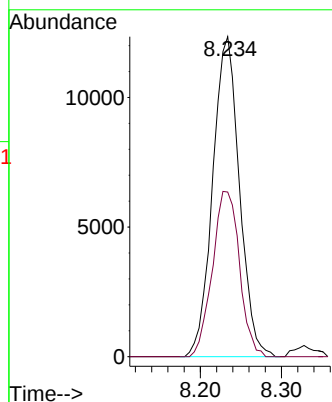
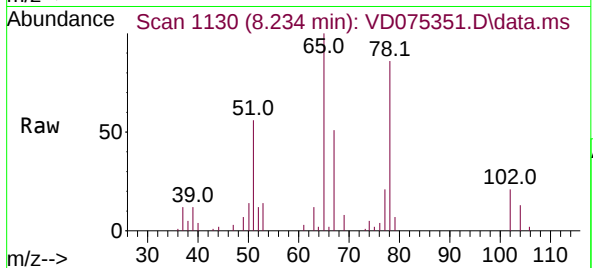
VD0217SBS01

Tgt Ion: 65 Resp: 28238

Ion Ratio Lower Upper

65 100

67 52.3 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD075351.D

Acq: 17 Feb 2023 11:03

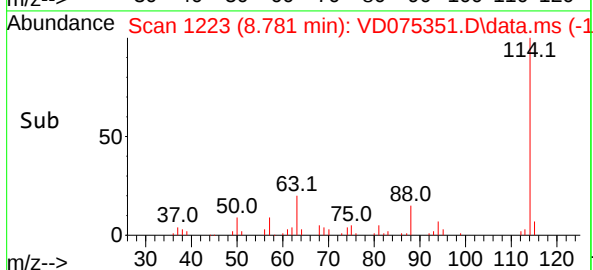
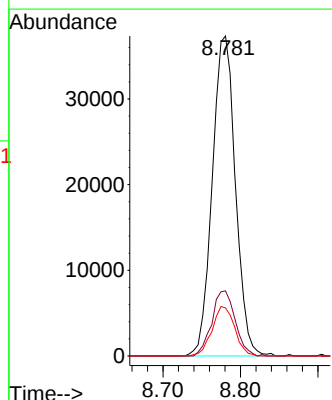
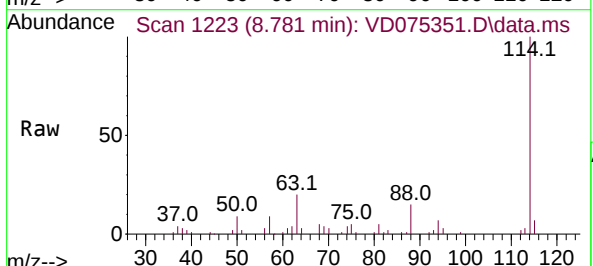
Tgt Ion: 114 Resp: 77454

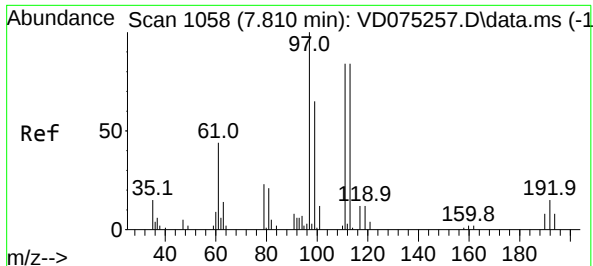
Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.2

88 15.0 0.0 32.2





#35

Dibromofluoromethane

Concen: 53.800 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD075351.D

Acq: 17 Feb 2023 11:03

Instrument :

MSVOA_D

ClientSampleId :

VD0217SBS01

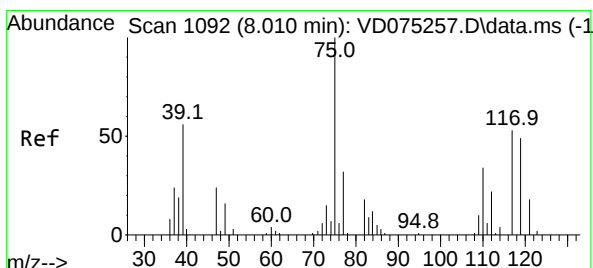
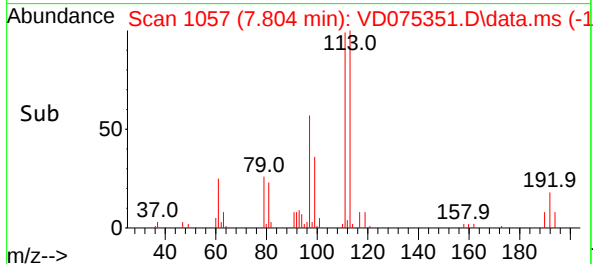
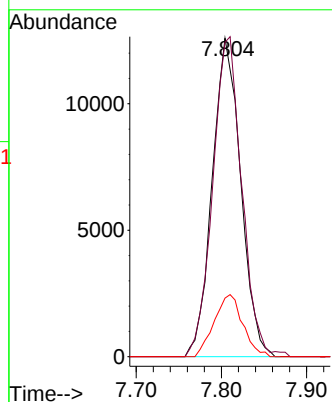
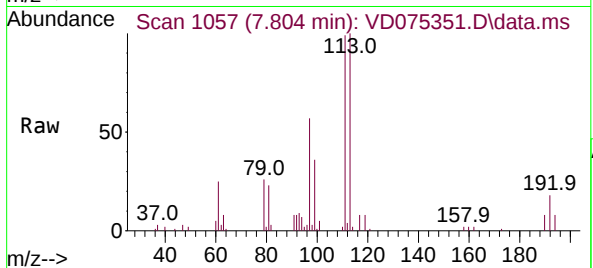
Tgt Ion:113 Resp: 29219

Ion Ratio Lower Upper

113 100

111 102.3 80.1 120.1

192 19.5 15.4 23.0



#36

1,1-Dichloropropene

Concen: 20.963 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD075351.D

Acq: 17 Feb 2023 11:03

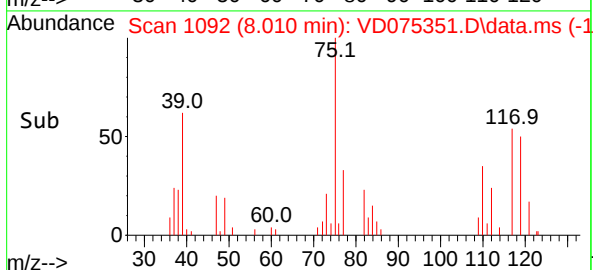
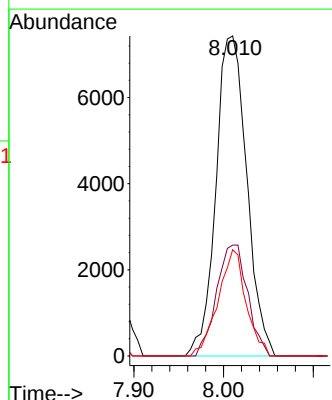
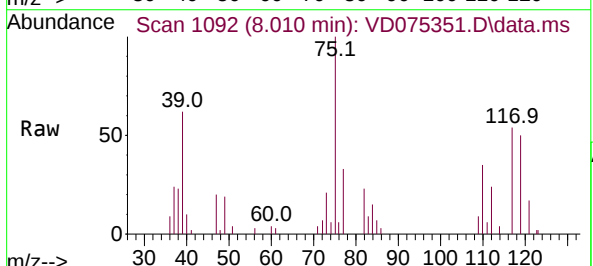
Tgt Ion: 75 Resp: 17735

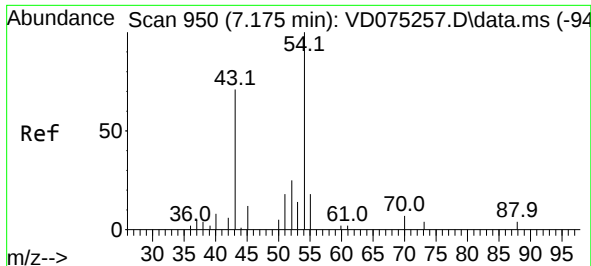
Ion Ratio Lower Upper

75 100

110 34.9 18.1 54.4

77 30.1 25.1 37.7





#37

Ethyl Acetate

Concen: 21.928 ug/l

RT: 7.169 min Scan# 94

Delta R.T. -0.006 min

Lab File: VD075351.D

Acq: 17 Feb 2023 11:03

Instrument :

MSVOA_D

ClientSampleId :

VD0217SBS01

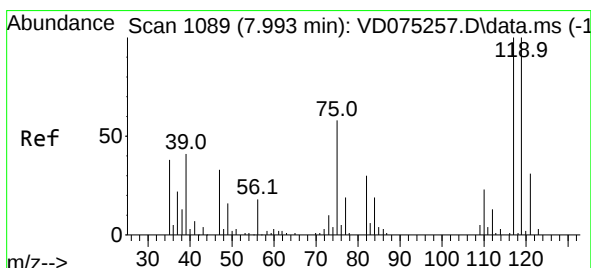
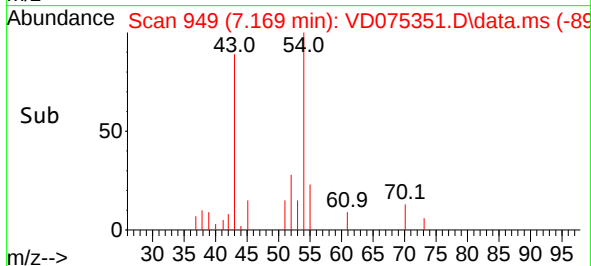
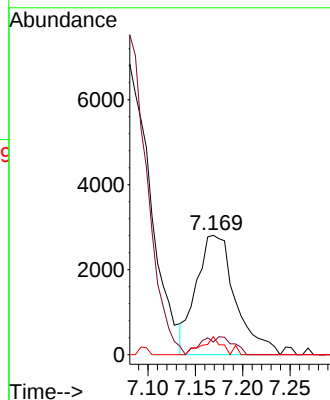
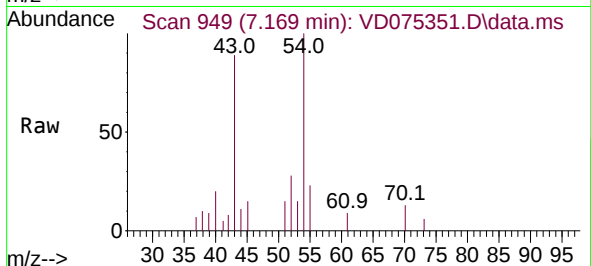
Tgt Ion: 43 Resp: 8091

Ion Ratio Lower Upper

43 100

61 12.4 11.7 17.5

70 8.2 8.8 13.2#



#38

Carbon Tetrachloride

Concen: 23.940 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD075351.D

Acq: 17 Feb 2023 11:03

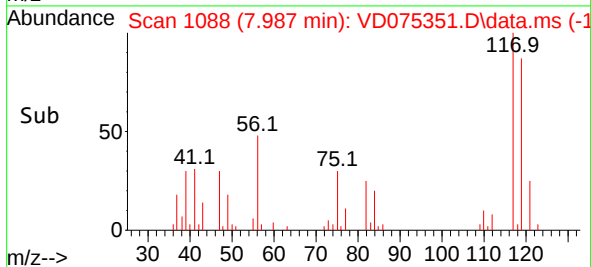
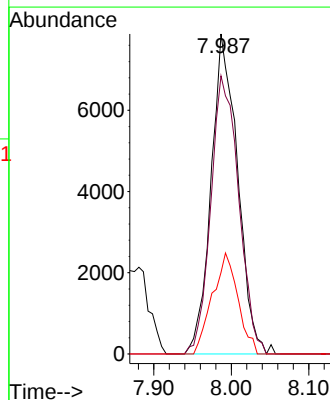
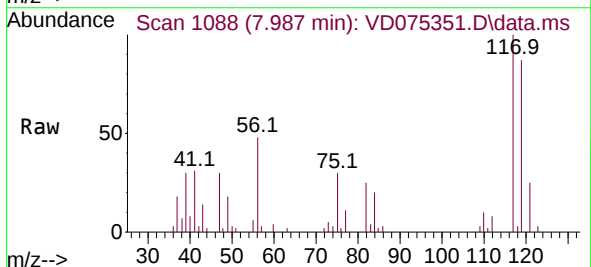
Tgt Ion: 117 Resp: 18768

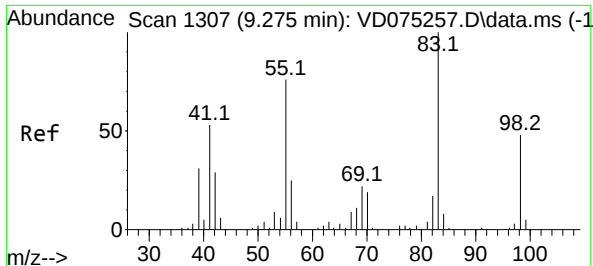
Ion Ratio Lower Upper

117 100

119 86.9 73.6 110.4

121 25.4 25.4 38.0





#39

Methylcyclohexane

Concen: 18.820 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD075351.D

Acq: 17 Feb 2023 11:03

Instrument :

MSVOA_D

ClientSampleId :

VD0217SBS01

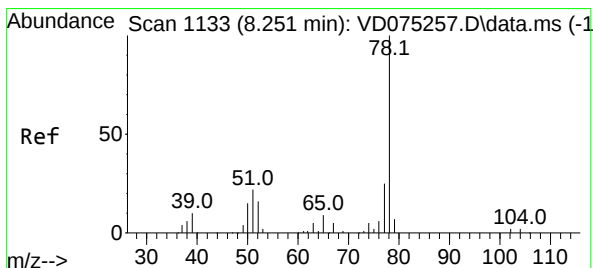
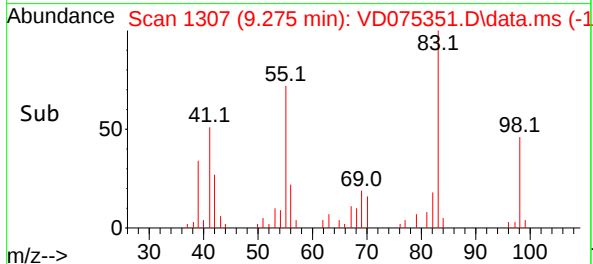
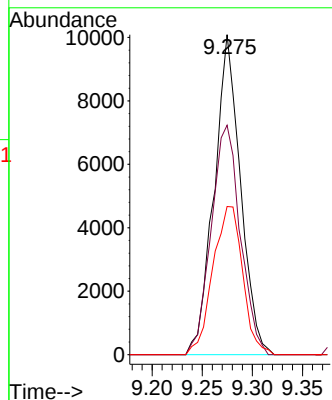
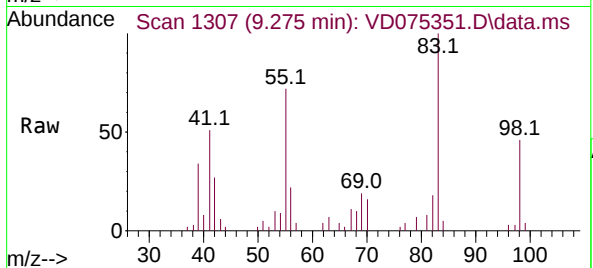
Tgt Ion: 83 Resp: 18430

Ion Ratio Lower Upper

83 100

55 71.7 60.0 90.0

98 46.3 39.0 58.4



#40

Benzene

Concen: 20.750 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD075351.D

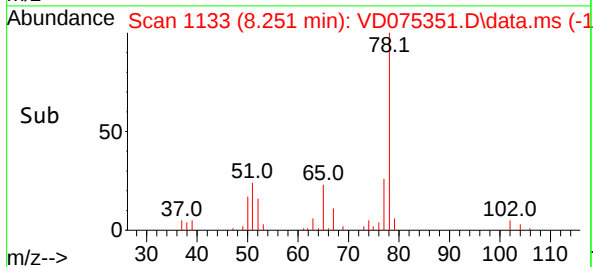
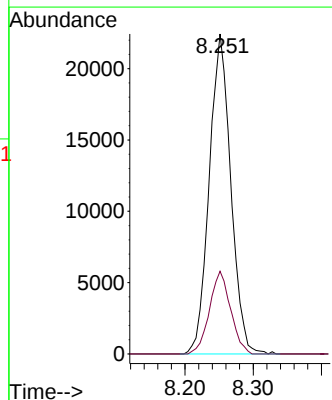
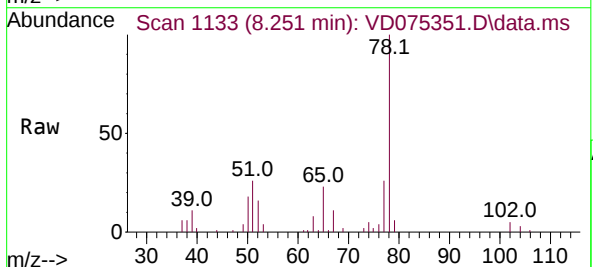
Acq: 17 Feb 2023 11:03

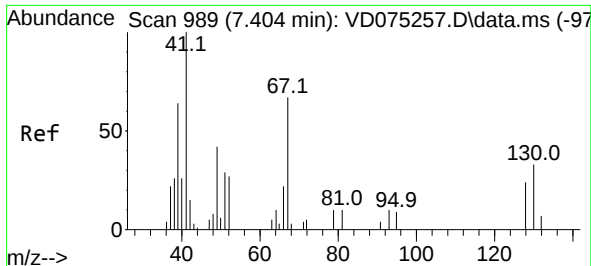
Tgt Ion: 78 Resp: 49340

Ion Ratio Lower Upper

78 100

77 25.9 19.8 29.6

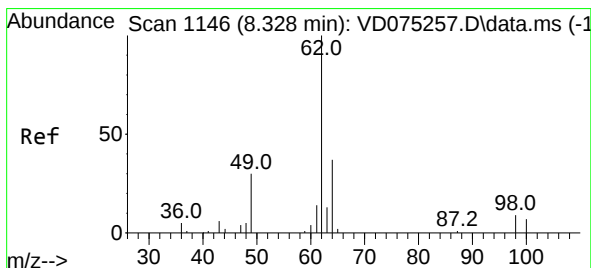
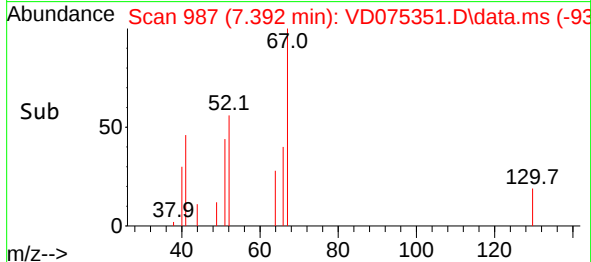
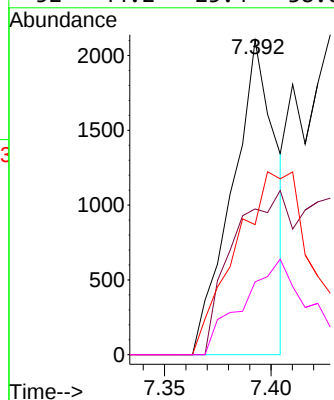
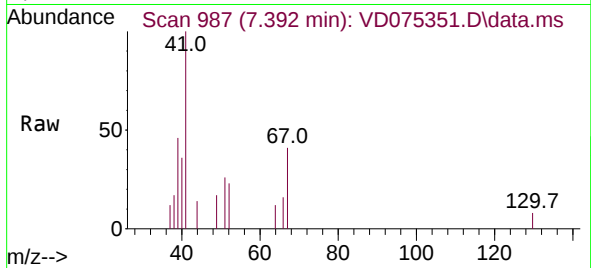




#41
Methacrylonitrile
Concen: 13.625 ug/l
RT: 7.392 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD075351.D
Acq: 17 Feb 2023 11:03

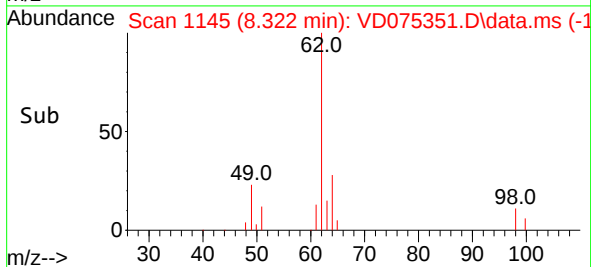
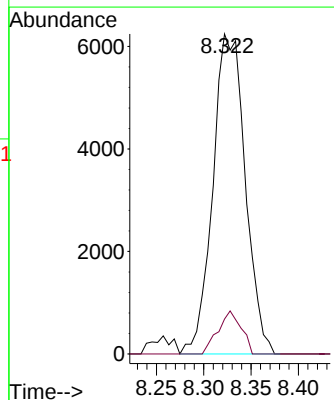
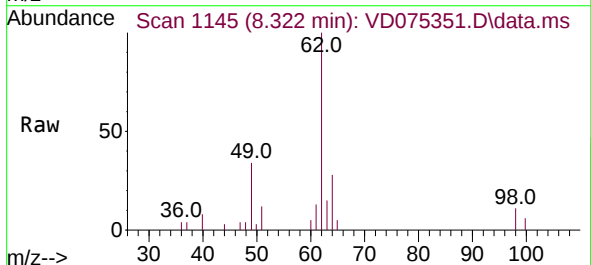
Instrument :
MSVOA_D
ClientSampleId :
VD0217SBS01

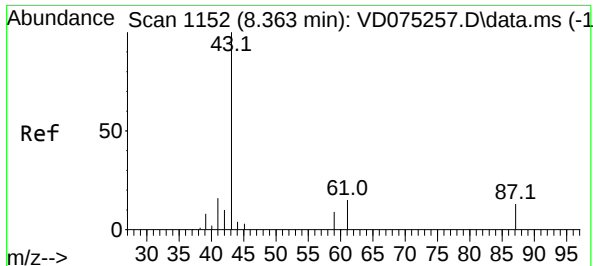
Tgt Ion:	41	Resp:	2999
Ion	Ratio	Lower	Upper
41	100		
39	70.4	57.8	86.6
67	97.4	60.5	90.7#
52	44.2	25.4	38.0#



#42
1,2-Dichloroethane
Concen: 21.569 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD075351.D
Acq: 17 Feb 2023 11:03

Tgt Ion:	62	Resp:	14848
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.2





#43

Isopropyl Acetate

Concen: 20.426 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.000 min

Lab File: VD075351.D

Acq: 17 Feb 2023 11:03

Instrument :

MSVOA_D

ClientSampleId :

VD0217SBS01

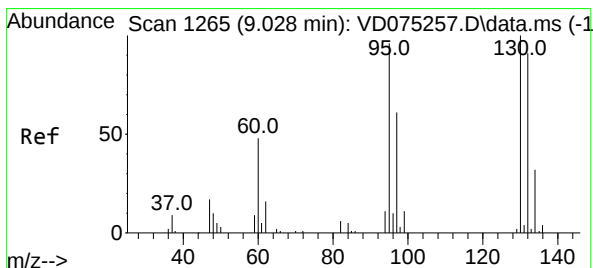
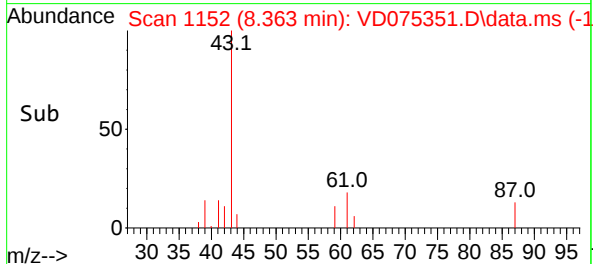
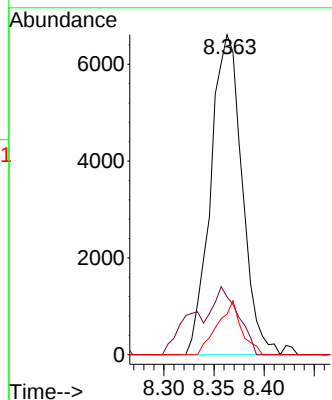
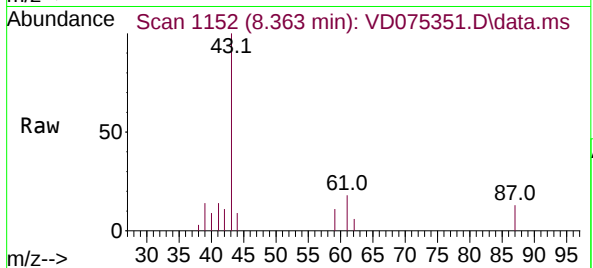
Tgt Ion: 43 Resp: 14401

Ion Ratio Lower Upper

43 100

61 17.9 25.0 37.6#

87 12.9 10.6 16.0



#44

Trichloroethene

Concen: 20.651 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. -0.000 min

Lab File: VD075351.D

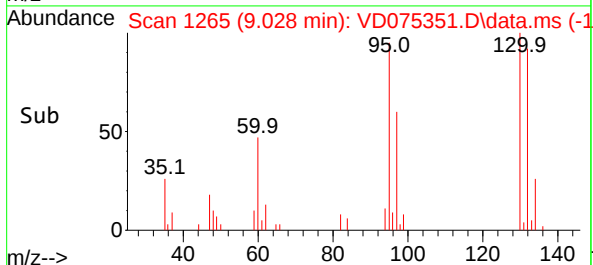
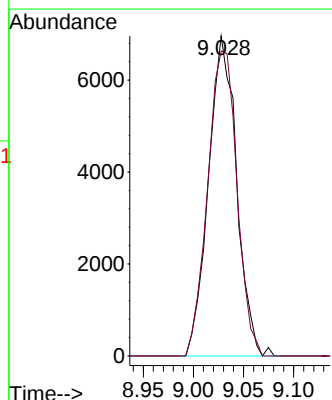
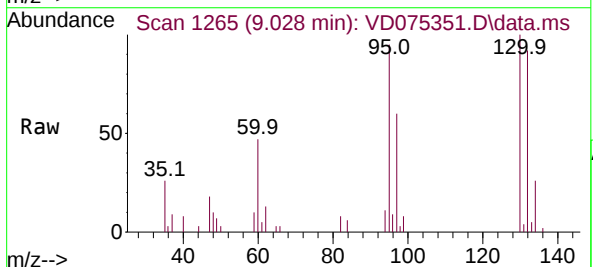
Acq: 17 Feb 2023 11:03

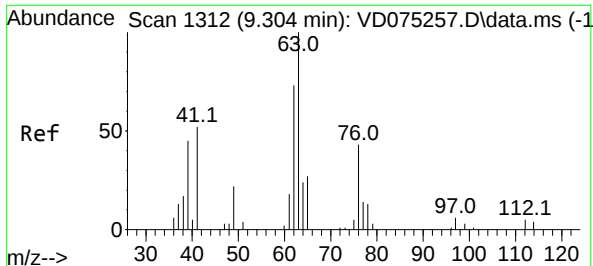
Tgt Ion:130 Resp: 13536

Ion Ratio Lower Upper

130 100

95 95.3 0.0 188.6





#45

1,2-Dichloropropane

Concen: 21.748 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD075351.D

Acq: 17 Feb 2023 11:03

Instrument :

MSVOA_D

ClientSampleId :

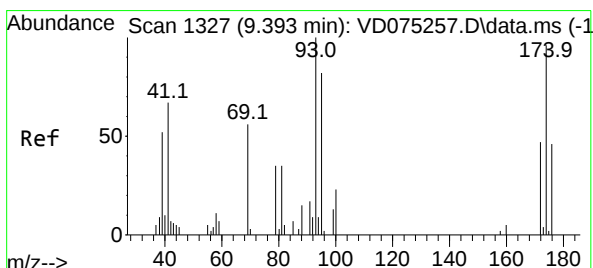
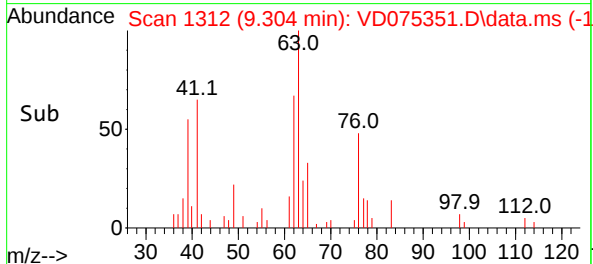
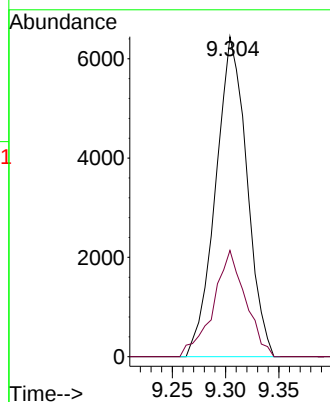
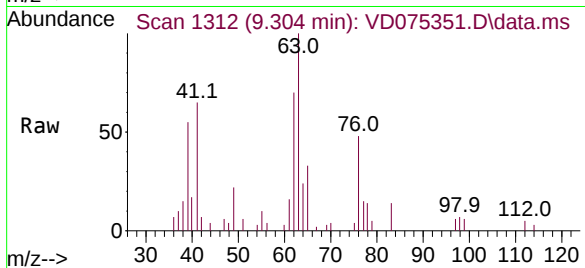
VD0217SBS01

Tgt Ion: 63 Resp: 13133

Ion Ratio Lower Upper

63 100

65 33.2 25.1 37.7



#46

Dibromomethane

Concen: 20.406 ug/l

RT: 9.392 min Scan# 1327

Delta R.T. -0.001 min

Lab File: VD075351.D

Acq: 17 Feb 2023 11:03

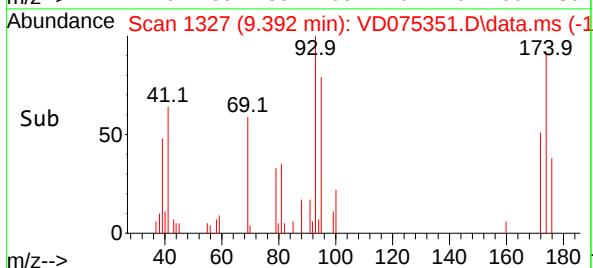
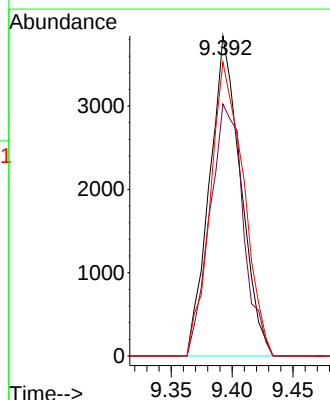
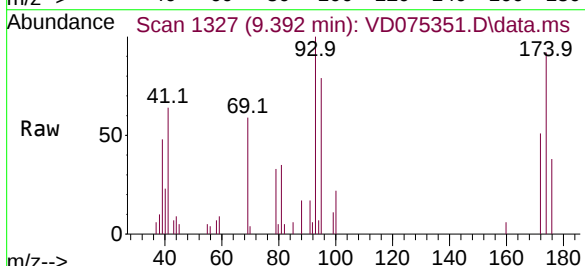
Tgt Ion: 93 Resp: 6829

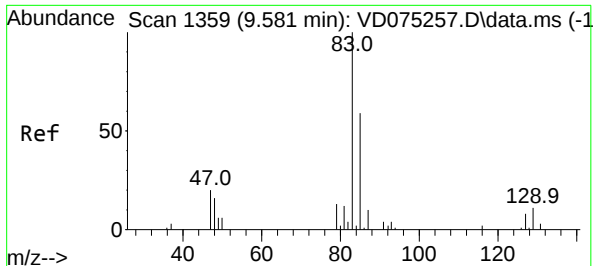
Ion Ratio Lower Upper

93 100

95 84.7 68.3 102.5

174 97.9 77.4 116.0





#47

Bromodichloromethane

Concen: 22.134 ug/l

RT: 9.586 min Scan# 1

Delta R.T. 0.005 min

Lab File: VD075351.D

Acq: 17 Feb 2023 11:03

Instrument :

MSVOA_D

ClientSampleId :

VD0217SBS01

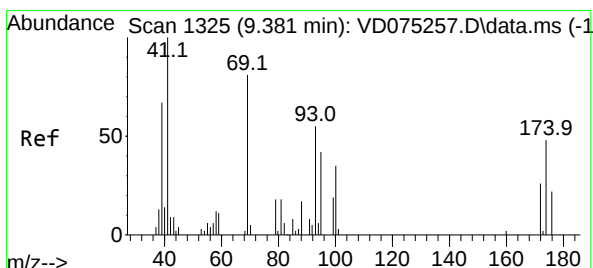
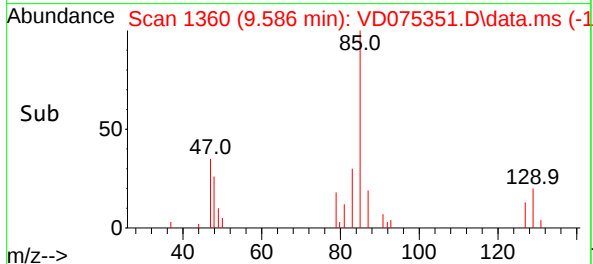
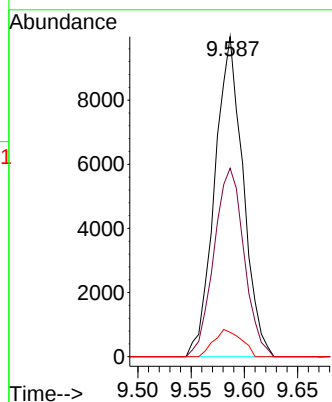
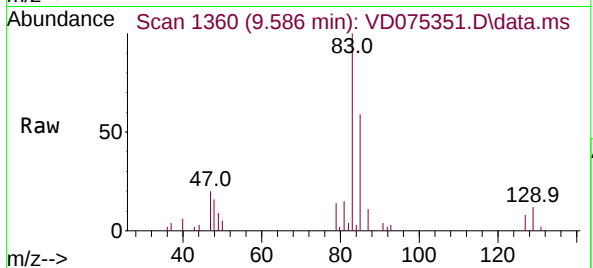
Tgt Ion: 83 Resp: 18435

Ion Ratio Lower Upper

83 100

85 58.9 53.0 79.4

127 7.6 7.0 10.4



#48

Methyl methacrylate

Concen: 22.032 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD075351.D

Acq: 17 Feb 2023 11:03

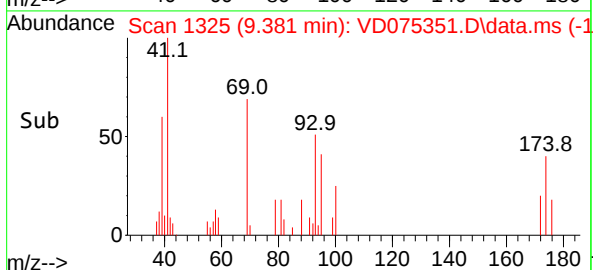
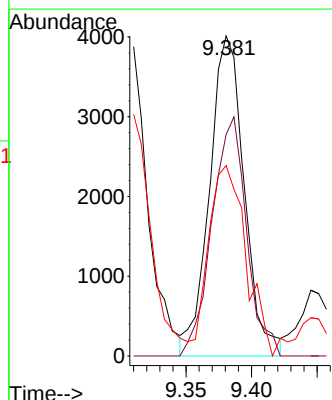
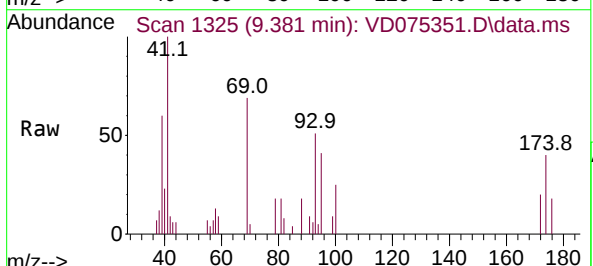
Tgt Ion: 41 Resp: 7377

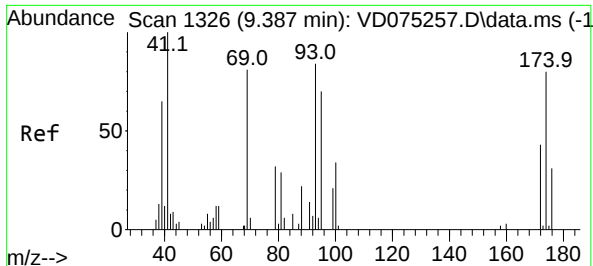
Ion Ratio Lower Upper

41 100

69 74.3 67.8 101.6

39 64.0 46.0 69.0





#49

1,4-Dioxane

Concen: 475.121 ug/l

RT: 9.386 min Scan# 11

Delta R.T. -0.001 min

Lab File: VD075351.D

Acq: 17 Feb 2023 11:03

Instrument :

MSVOA_D

ClientSampleId :

VD0217SBS01

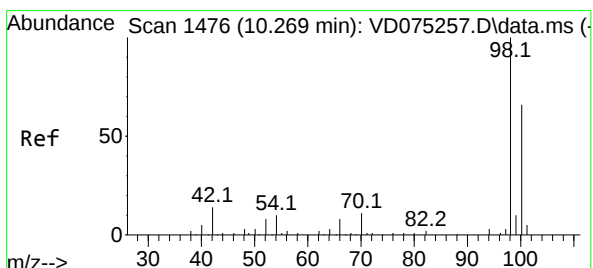
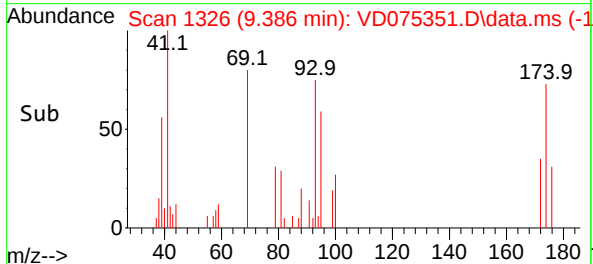
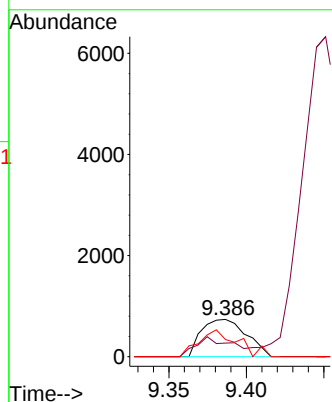
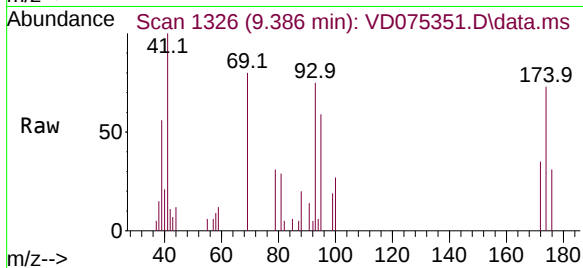
Tgt Ion: 88 Resp: 1485

Ion Ratio Lower Upper

88 100

43 46.0 35.6 53.4

58 62.6 57.4 86.2



#50

Toluene-d8

Concen: 50.107 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD075351.D

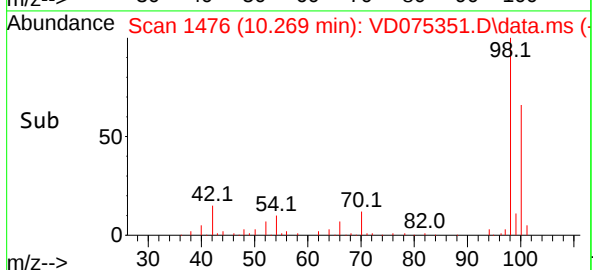
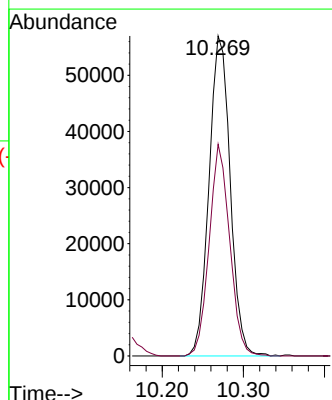
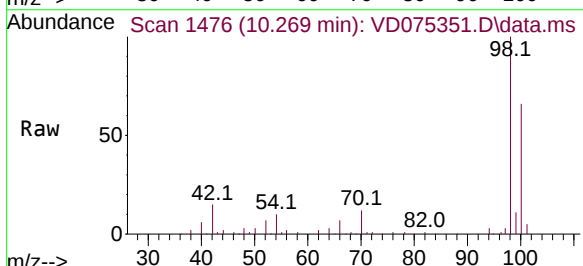
Acq: 17 Feb 2023 11:03

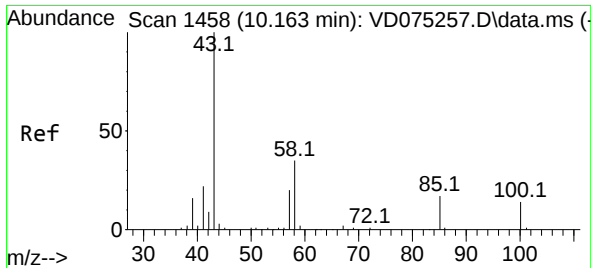
Tgt Ion: 98 Resp: 103203

Ion Ratio Lower Upper

98 100

100 64.0 52.7 79.1

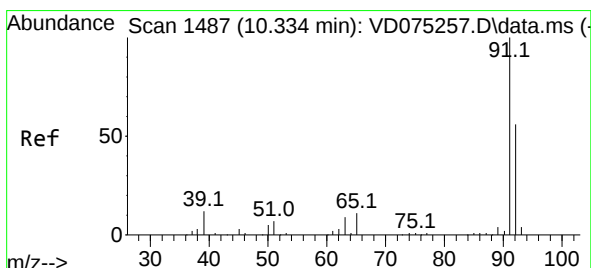
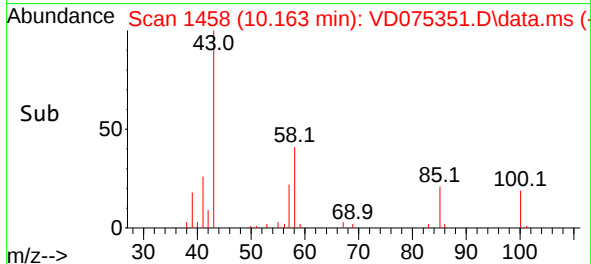
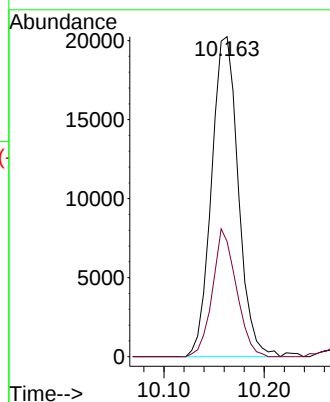
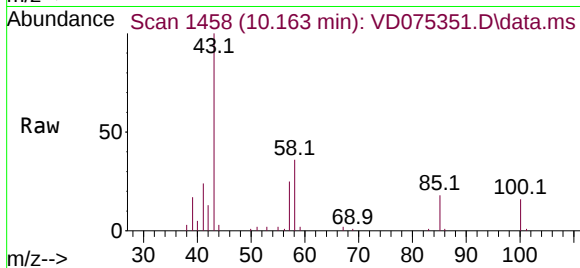




#51
4-Methyl-2-Pentanone
Concen: 105.217 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. -0.000 min
Lab File: VD075351.D
Acq: 17 Feb 2023 11:03

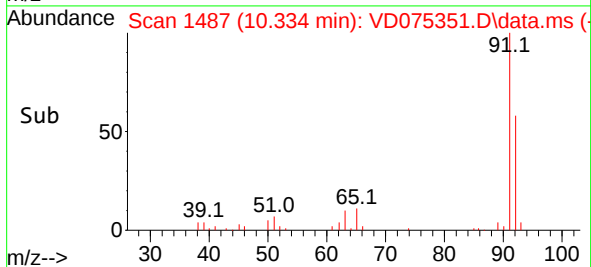
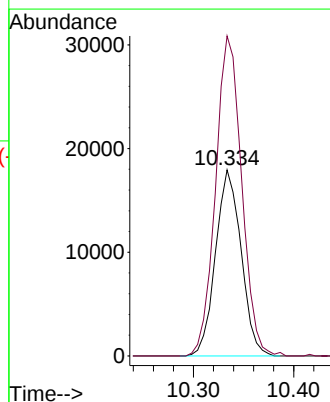
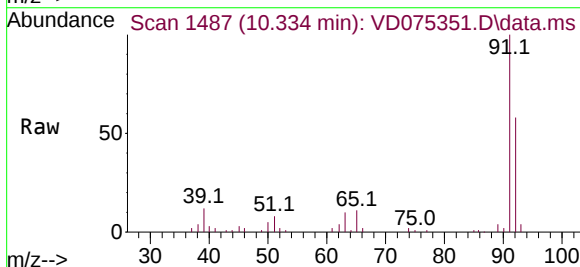
Instrument :
MSVOA_D
ClientSampleId :
VD0217SBS01

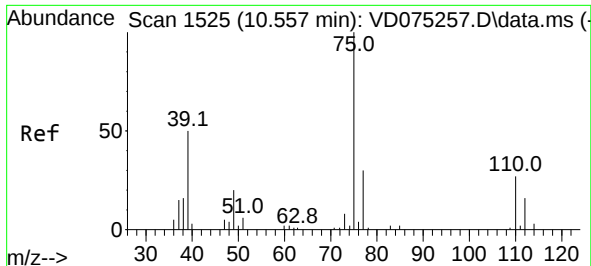
Tgt Ion: 43 Resp: 37503
Ion Ratio Lower Upper
43 100
58 35.7 31.4 47.0



#52
Toluene
Concen: 21.194 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075351.D
Acq: 17 Feb 2023 11:03

Tgt Ion: 92 Resp: 31742
Ion Ratio Lower Upper
92 100
91 176.0 137.0 205.4

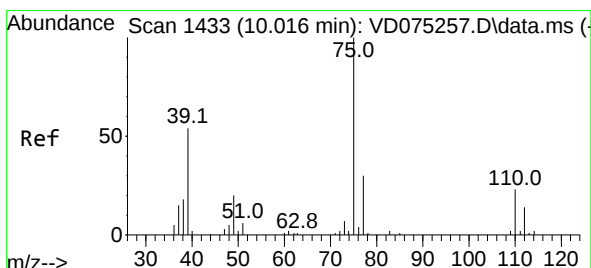
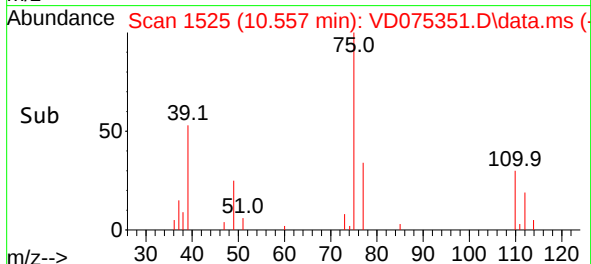
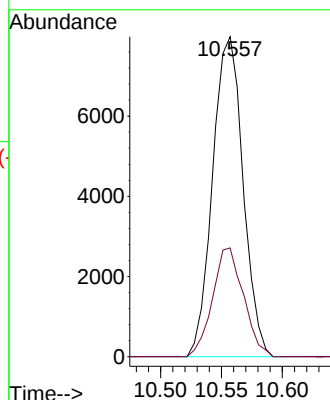
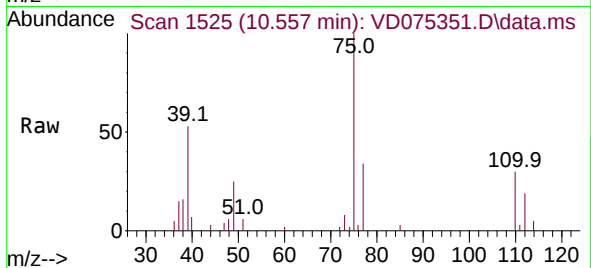




#53
 t-1,3-Dichloropropene
 Concen: 19.224 ug/l
 RT: 10.557 min Scan# 1525
 Delta R.T. 0.000 min
 Lab File: VD075351.D
 Acq: 17 Feb 2023 11:03

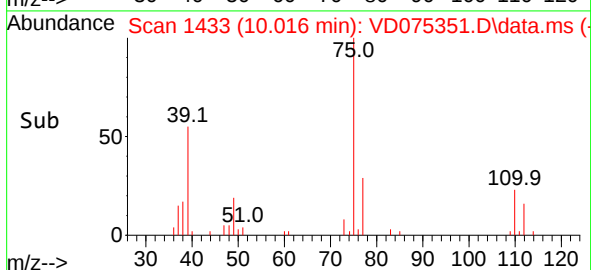
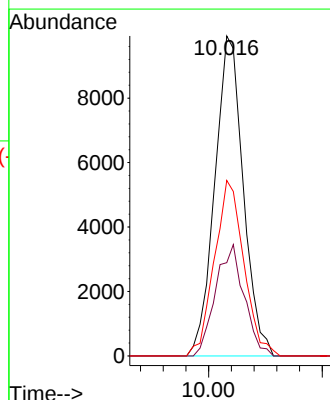
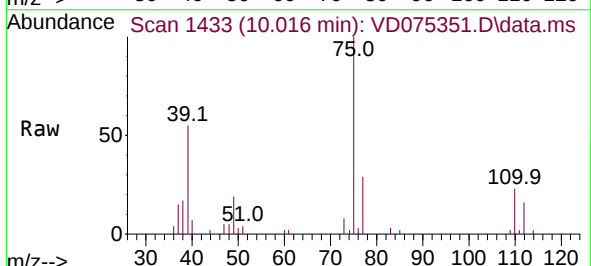
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0217SBS01

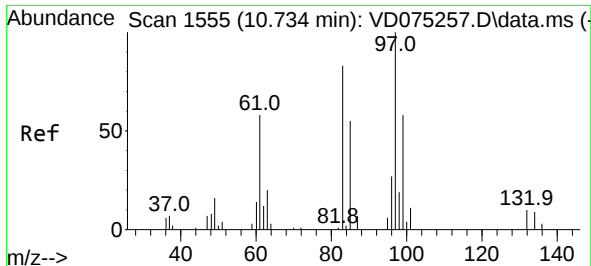
Tgt Ion: 75 Resp: 13869
 Ion Ratio Lower Upper
 75 100
 77 34.0 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 20.028 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD075351.D
 Acq: 17 Feb 2023 11:03

Tgt Ion: 75 Resp: 17275
 Ion Ratio Lower Upper
 75 100
 77 29.2 25.1 37.7
 39 54.8 37.9 56.9

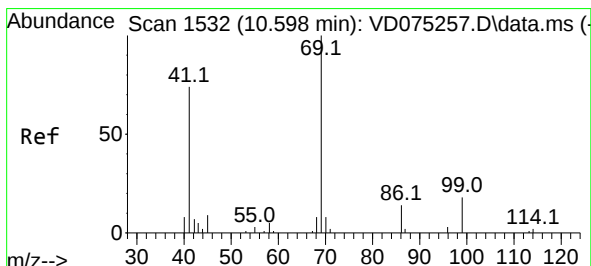
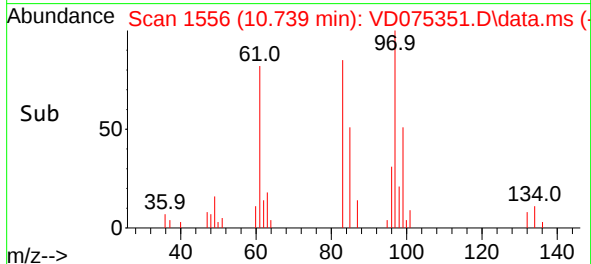
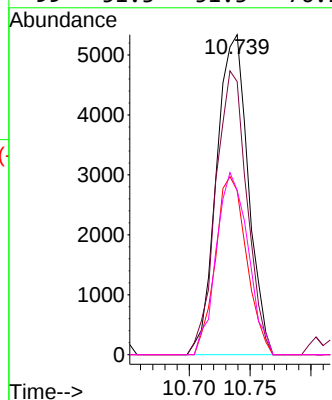
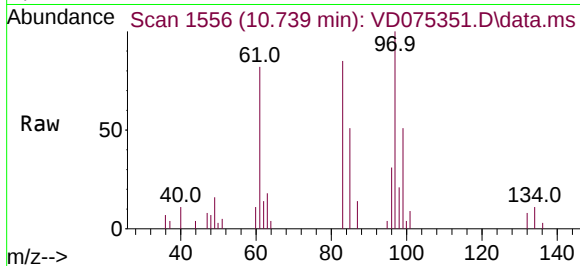




#55
1,1,2-Trichloroethane
Concen: 22.608 ug/l
RT: 10.739 min Scan# 1555
Delta R.T. 0.005 min
Lab File: VD075351.D
Acq: 17 Feb 2023 11:03

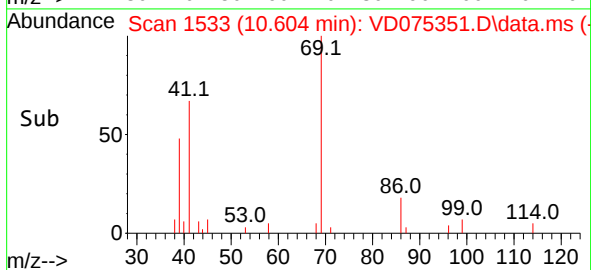
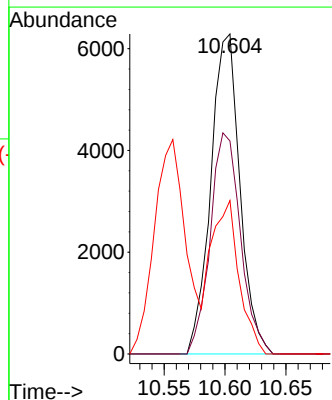
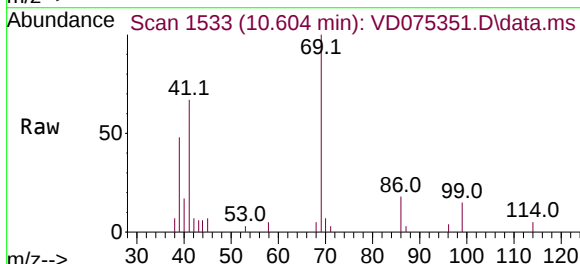
Instrument :
MSVOA_D
ClientSampleId :
VD0217SBS01

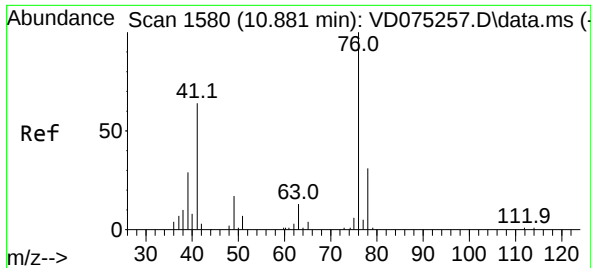
Tgt Ion:	97	Resp:	9658
Ion	Ratio	Lower	Upper
97	100		
83	85.4	69.4	104.0
85	51.3	46.0	69.0
99	51.3	51.3	76.9



#56
Ethyl methacrylate
Concen: 21.106 ug/l
RT: 10.604 min Scan# 1533
Delta R.T. 0.006 min
Lab File: VD075351.D
Acq: 17 Feb 2023 11:03

Tgt Ion:	69	Resp:	10482
Ion	Ratio	Lower	Upper
69	100		
41	71.8	55.7	83.5
39	45.7	31.4	47.0





#57

1,3-Dichloropropane

Concen: 21.939 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075351.D

Acq: 17 Feb 2023 11:03

Instrument :

MSVOA_D

ClientSampleId :

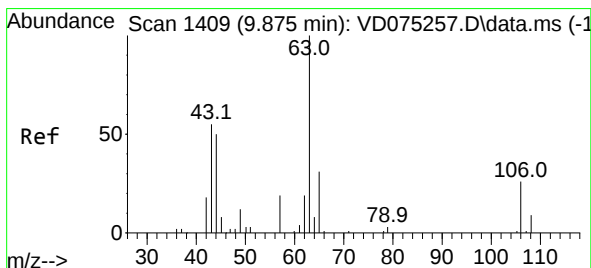
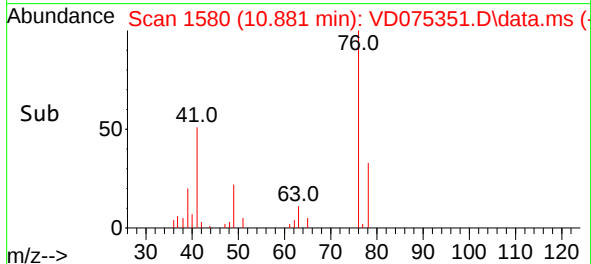
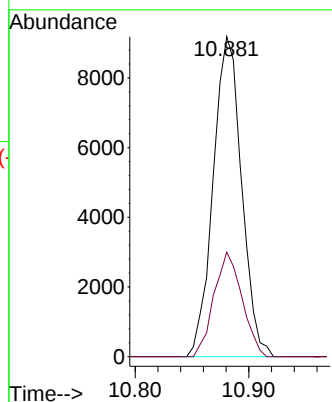
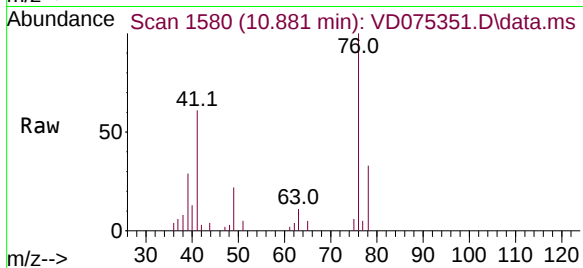
VD0217SBS01

Tgt Ion: 76 Resp: 15966

Ion Ratio Lower Upper

76 100

78 32.2 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 89.216 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.006 min

Lab File: VD075351.D

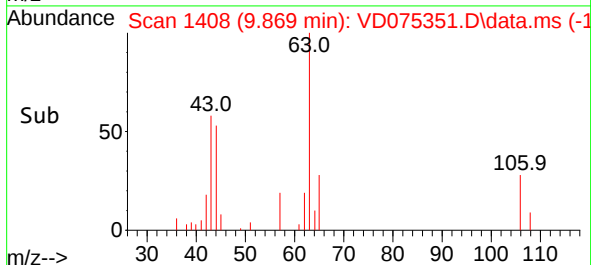
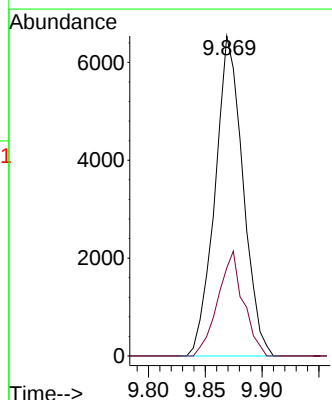
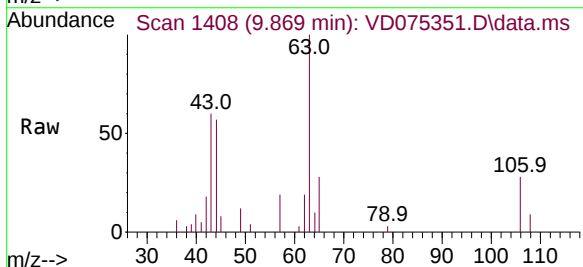
Acq: 17 Feb 2023 11:03

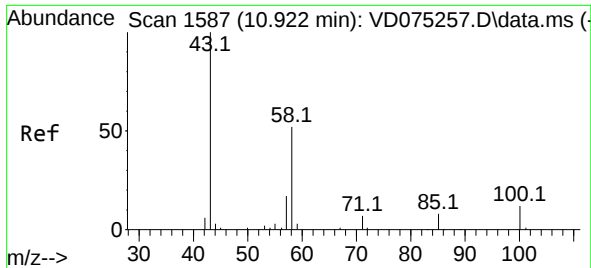
Tgt Ion: 63 Resp: 11204

Ion Ratio Lower Upper

63 100

106 29.8 22.6 33.8

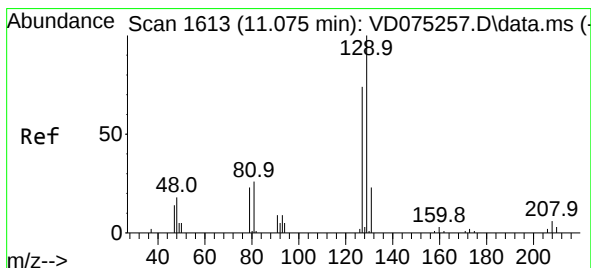
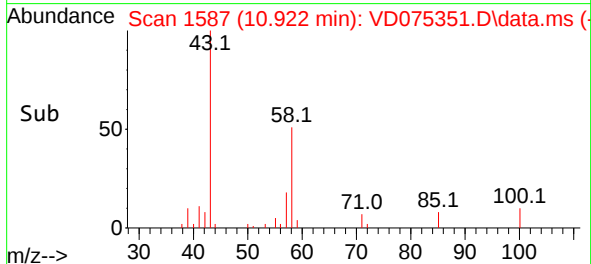
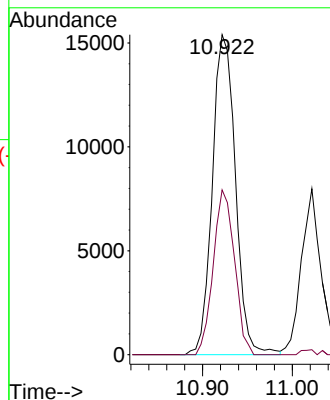
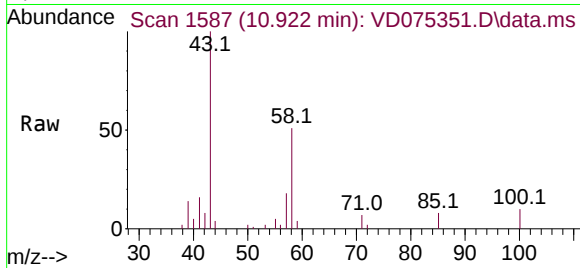




#59
2-Hexanone
Concen: 105.781 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD075351.D
Acq: 17 Feb 2023 11:03

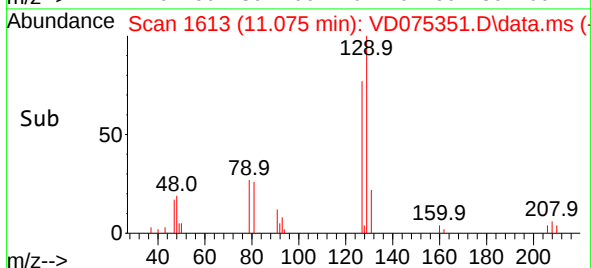
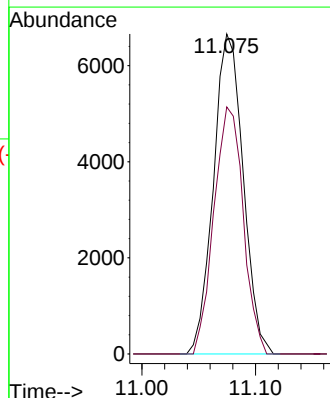
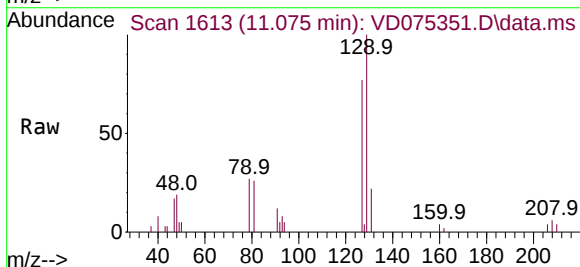
Instrument :
MSVOA_D
ClientSampleId :
VD0217SBS01

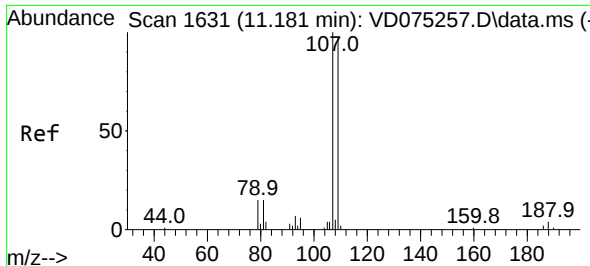
Tgt Ion: 43 Resp: 27546
Ion Ratio Lower Upper
43 100
58 47.3 26.8 80.4



#60
Dibromochloromethane
Concen: 22.873 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075351.D
Acq: 17 Feb 2023 11:03

Tgt Ion: 129 Resp: 12106
Ion Ratio Lower Upper
129 100
127 76.0 38.9 116.6

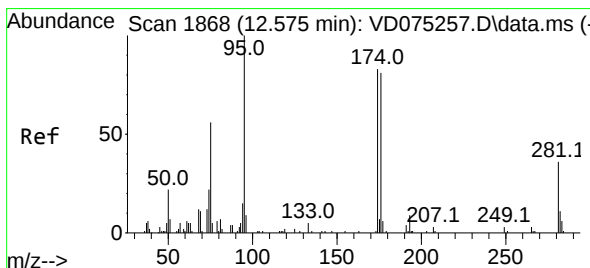
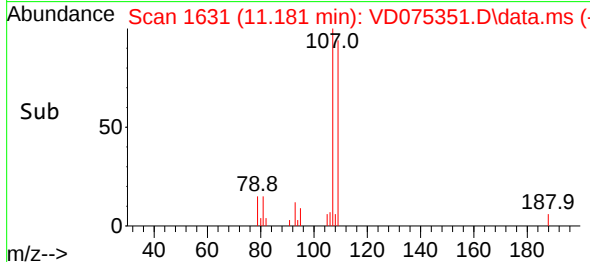
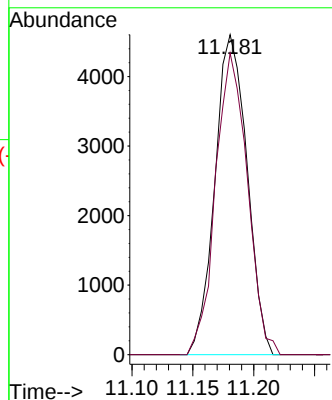
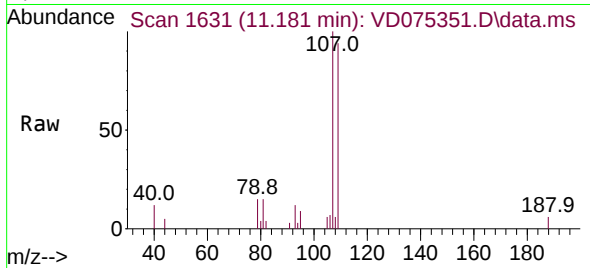




#61
1,2-Dibromoethane
Concen: 20.536 ug/l
RT: 11.181 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD075351.D
Acq: 17 Feb 2023 11:03

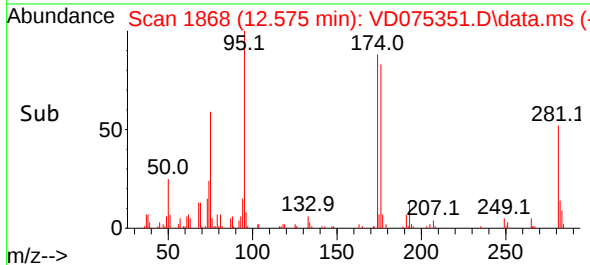
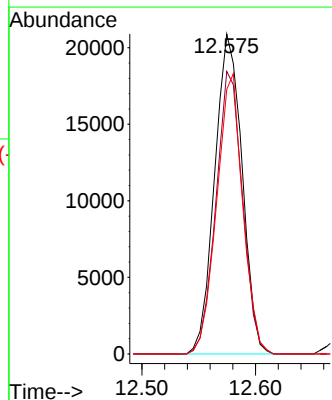
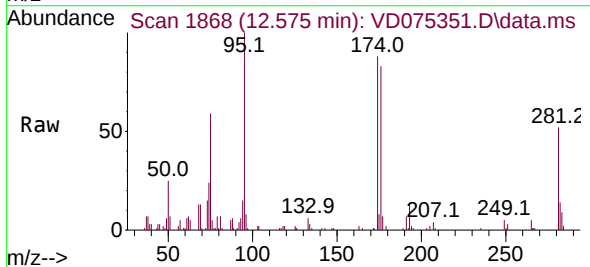
Instrument :
MSVOA_D
ClientSampleId :
VD0217SBS01

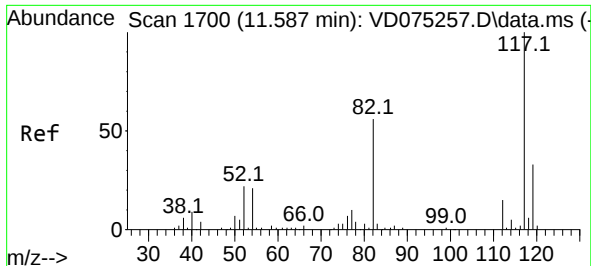
Tgt Ion:107 Resp: 8459
Ion Ratio Lower Upper
107 100
109 93.2 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 51.462 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075351.D
Acq: 17 Feb 2023 11:03

Tgt Ion: 95 Resp: 34950
Ion Ratio Lower Upper
95 100
174 85.7 0.0 161.2
176 83.4 0.0 160.2

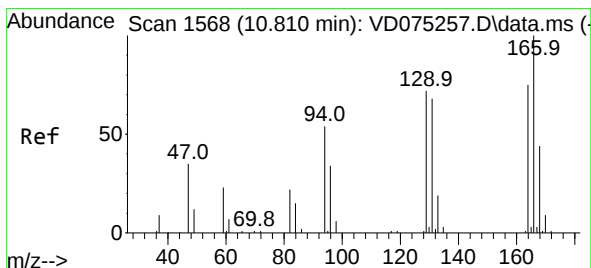
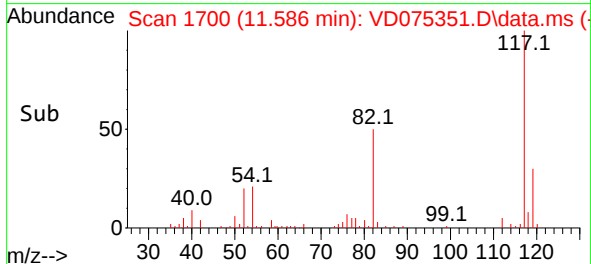
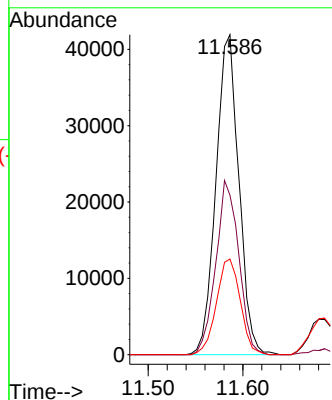
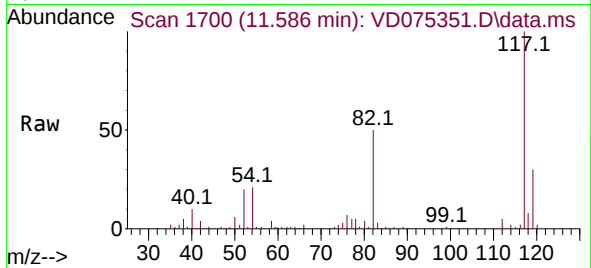




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.586 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD075351.D
Acq: 17 Feb 2023 11:03

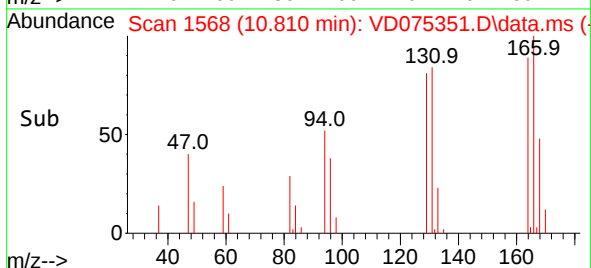
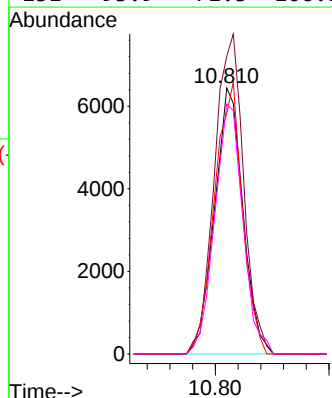
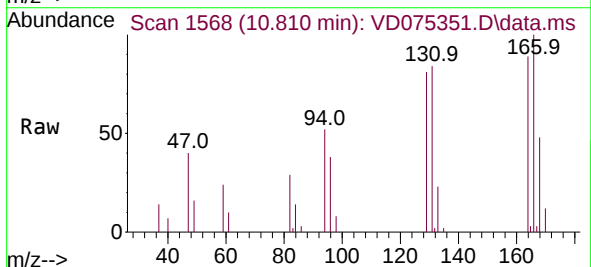
Instrument :
MSVOA_D
ClientSampleId :
VD0217SBS01

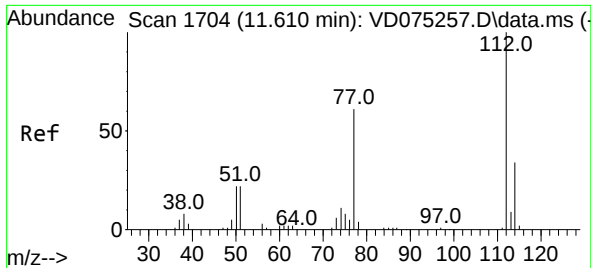
Tgt Ion:117 Resp: 70637
Ion Ratio Lower Upper
117 100
82 49.9 39.6 59.4
119 29.9 24.6 37.0



#64
Tetrachloroethene
Concen: 20.629 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD075351.D
Acq: 17 Feb 2023 11:03

Tgt Ion:164 Resp: 11223
Ion Ratio Lower Upper
164 100
166 111.9 105.3 157.9
129 90.5 76.2 114.4
131 93.9 71.3 106.9

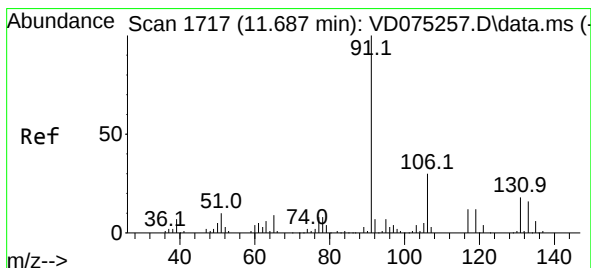
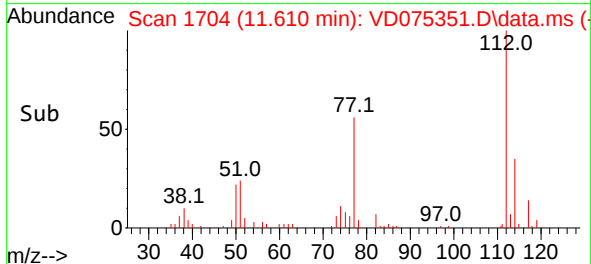
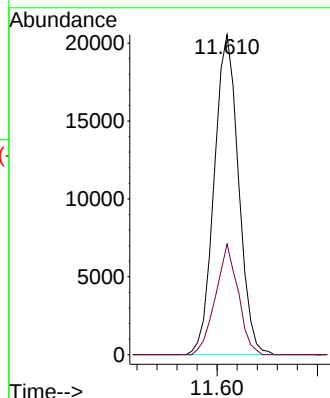
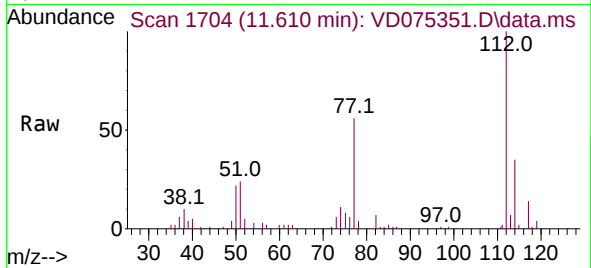




#65
Chlorobenzene
Concen: 21.697 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD075351.D
Acq: 17 Feb 2023 11:03

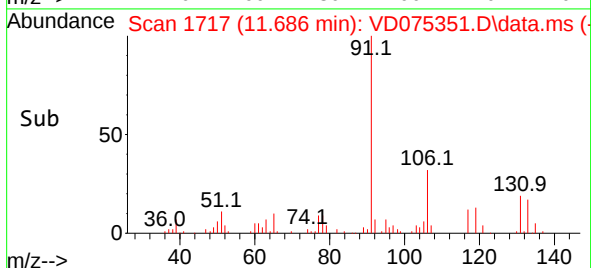
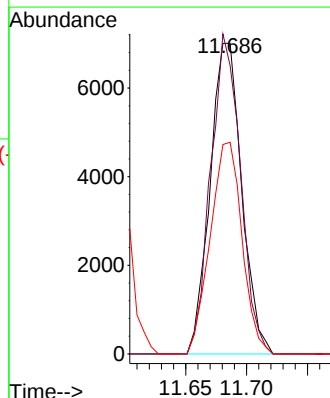
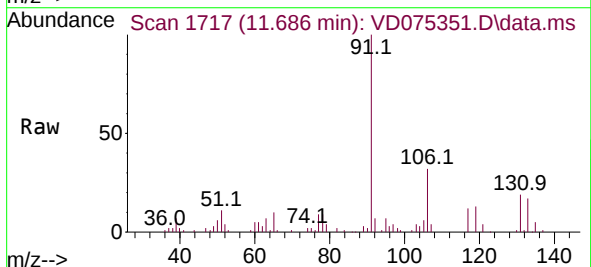
Instrument :
MSVOA_D
ClientSampleId :
VD0217SBS01

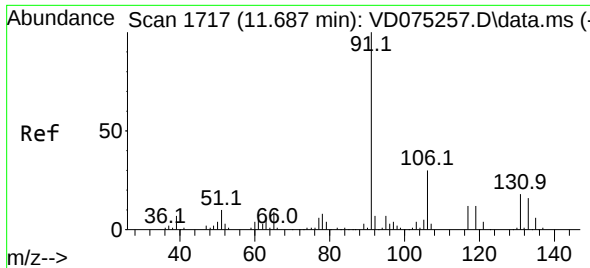
Tgt Ion:112 Resp: 34563
Ion Ratio Lower Upper
112 100
114 34.6 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 21.775 ug/l
RT: 11.686 min Scan# 1717
Delta R.T. -0.001 min
Lab File: VD075351.D
Acq: 17 Feb 2023 11:03

Tgt Ion:131 Resp: 12629
Ion Ratio Lower Upper
131 100
133 96.9 49.0 147.2
119 68.7 34.8 104.5

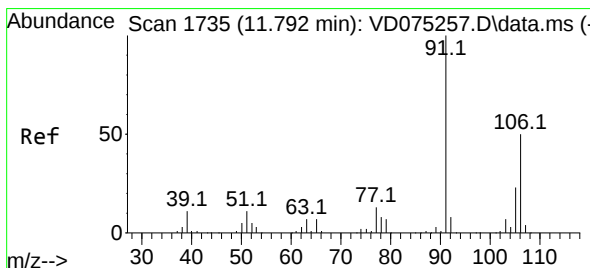
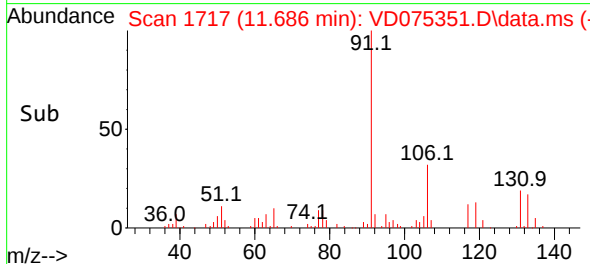
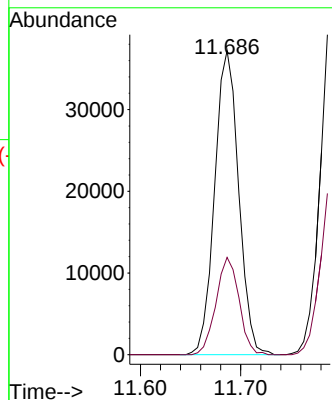
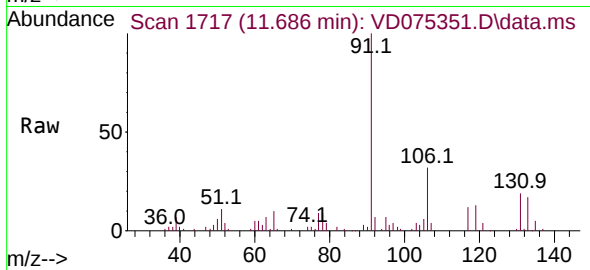




#67
Ethyl Benzene
Concen: 20.983 ug/l
RT: 11.686 min Scan# 1717
Delta R.T. -0.001 min
Lab File: VD075351.D
Acq: 17 Feb 2023 11:03

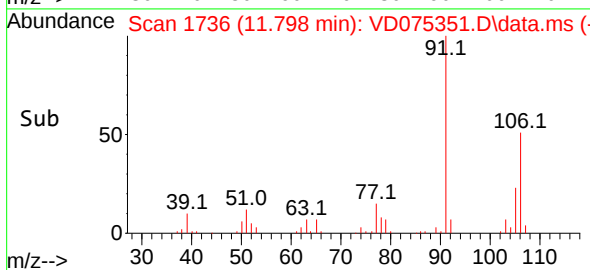
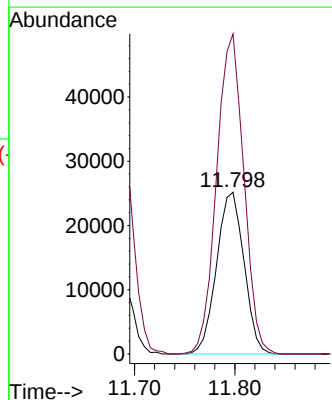
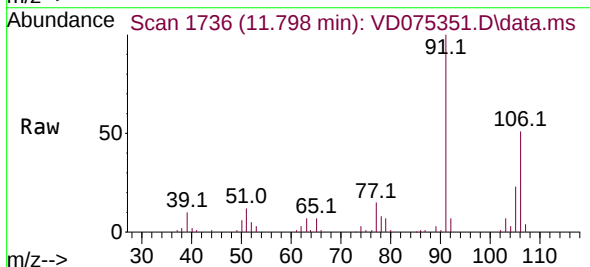
Instrument :
MSVOA_D
ClientSampleId :
VD0217SBS01

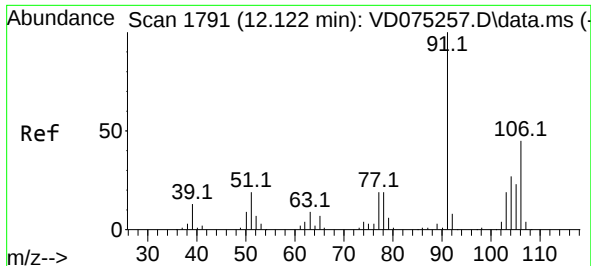
Tgt Ion: 91 Resp: 61709
Ion Ratio Lower Upper
91 100
106 32.0 25.0 37.6



#68
m/p-Xylenes
Concen: 42.717 ug/l
RT: 11.798 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VD075351.D
Acq: 17 Feb 2023 11:03

Tgt Ion:106 Resp: 47788
Ion Ratio Lower Upper
106 100
91 196.5 160.3 240.5

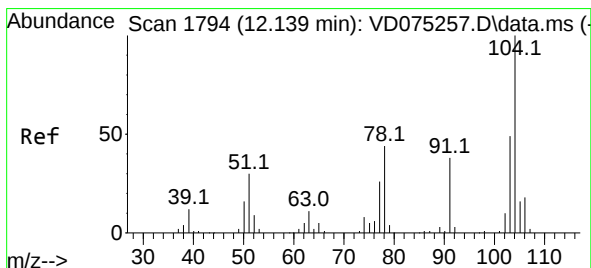
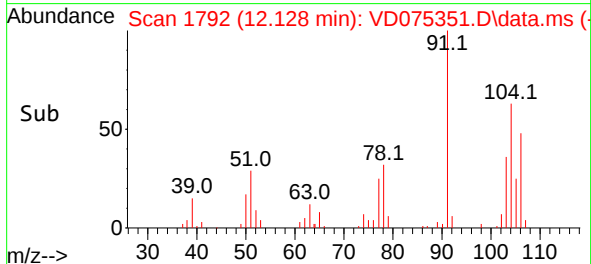
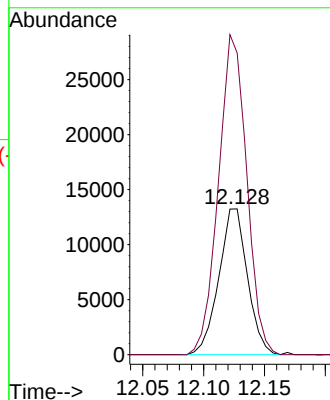
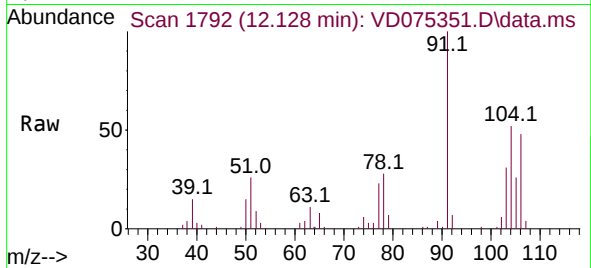




#69
o-Xylene
Concen: 20.773 ug/l
RT: 12.128 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VD075351.D
Acq: 17 Feb 2023 11:03

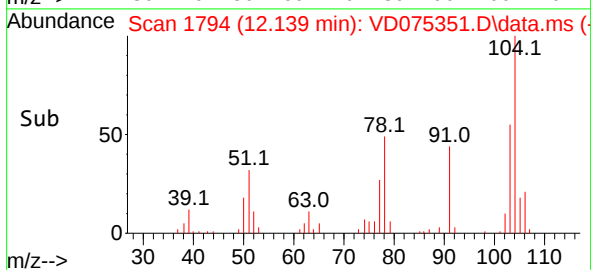
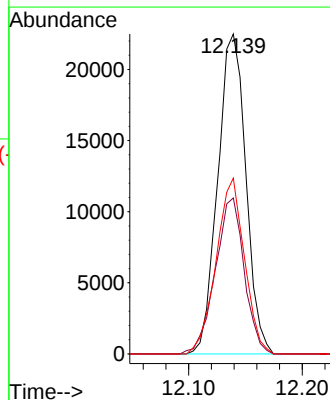
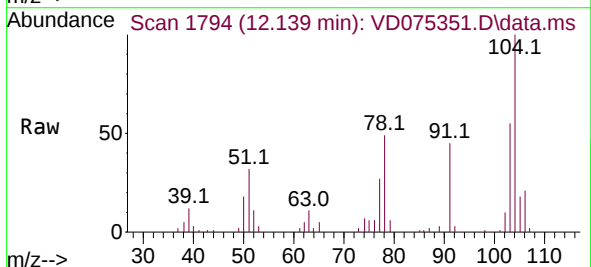
Instrument :
MSVOA_D
ClientSampleId :
VD0217SBS01

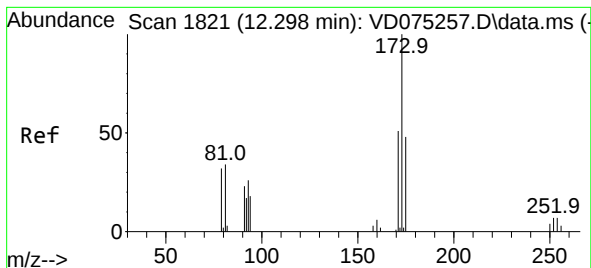
Tgt Ion:106 Resp: 21707
Ion Ratio Lower Upper
106 100
91 216.6 103.6 310.9



#70
Styrene
Concen: 21.825 ug/l
RT: 12.139 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD075351.D
Acq: 17 Feb 2023 11:03

Tgt Ion:104 Resp: 38632
Ion Ratio Lower Upper
104 100
78 50.1 38.9 58.3
103 55.2 43.6 65.4





#71

Bromoform

Concen: 21.520 ug/l

RT: 12.304 min Scan# 1821

Delta R.T. 0.006 min

Lab File: VD075351.D

Acq: 17 Feb 2023 11:03

Instrument :

MSVOA_D

ClientSampleId :

VD0217SBS01

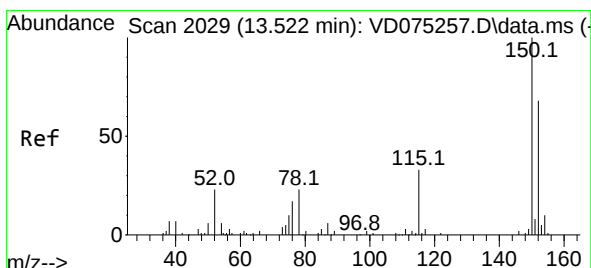
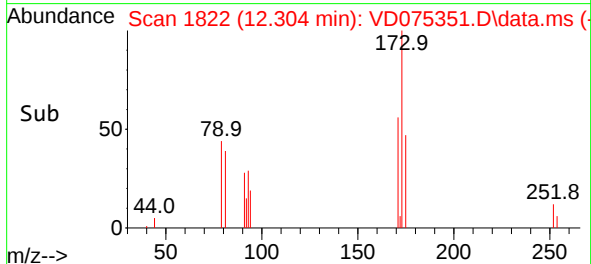
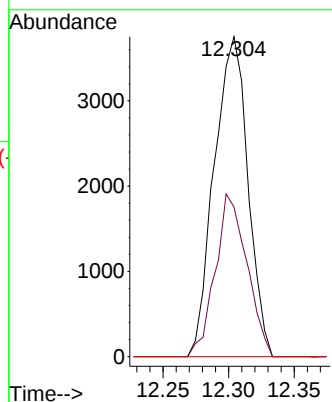
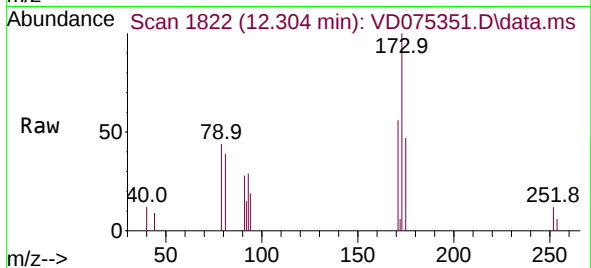
Tgt Ion:173 Resp: 6704

Ion Ratio Lower Upper

173 100

175 47.7 25.4 76.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. -0.000 min

Lab File: VD075351.D

Acq: 17 Feb 2023 11:03

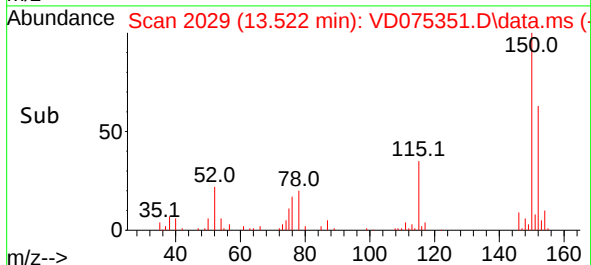
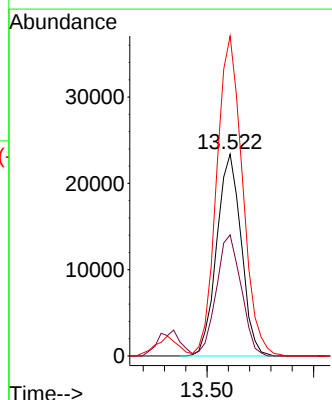
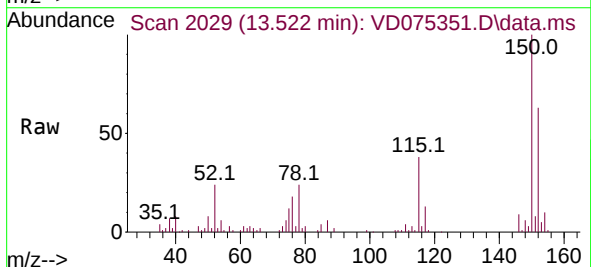
Tgt Ion:152 Resp: 37305

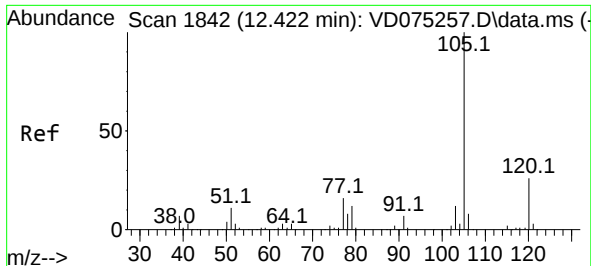
Ion Ratio Lower Upper

152 100

115 61.0 28.8 86.4

150 167.2 0.0 348.6

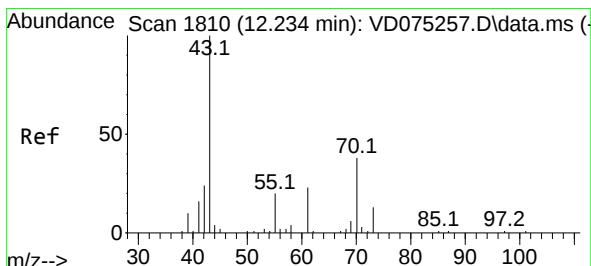
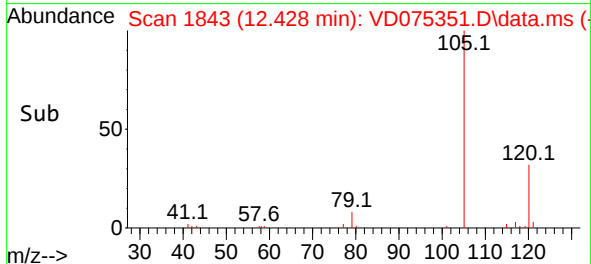
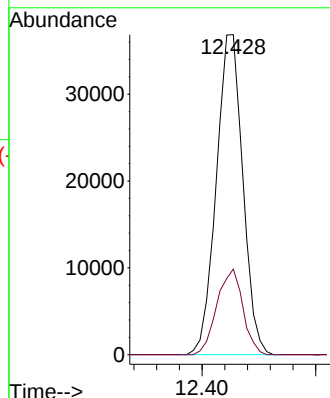
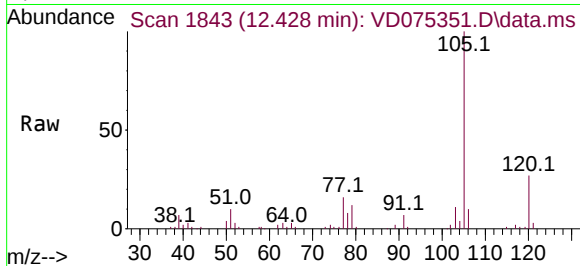




#73
Isopropylbenzene
Concen: 19.794 ug/l
RT: 12.428 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VD075351.D
Acq: 17 Feb 2023 11:03

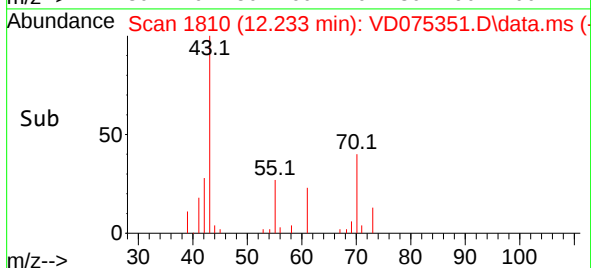
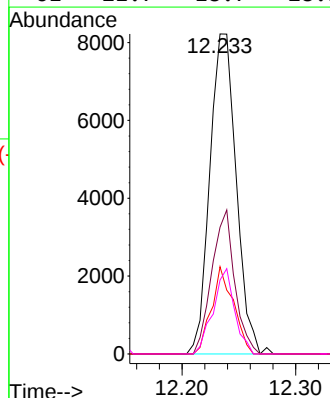
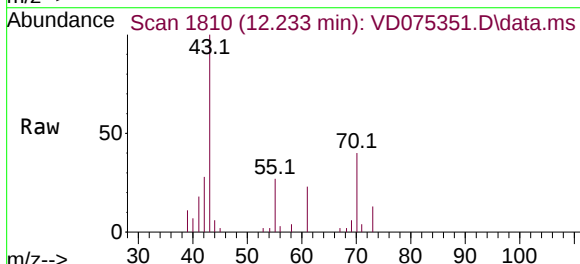
Instrument :
MSVOA_D
ClientSampleId :
VD0217SBS01

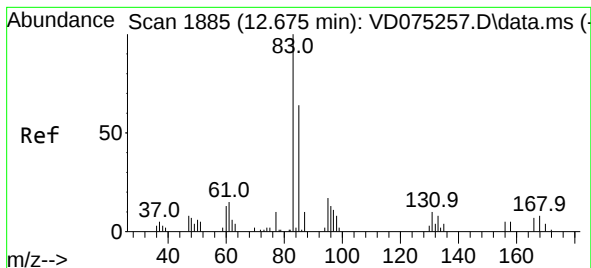
Tgt Ion:105 Resp: 59819
Ion Ratio Lower Upper
105 100
120 26.1 13.7 41.1



#74
N-ethyl acetate
Concen: 19.554 ug/l
RT: 12.233 min Scan# 1810
Delta R.T. -0.001 min
Lab File: VD075351.D
Acq: 17 Feb 2023 11:03

Tgt Ion: 43 Resp: 13279
Ion Ratio Lower Upper
43 100
70 39.0 32.6 49.0
55 22.7 17.8 26.8
61 21.7 18.7 28.1

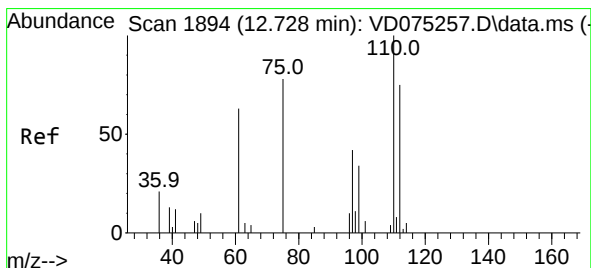
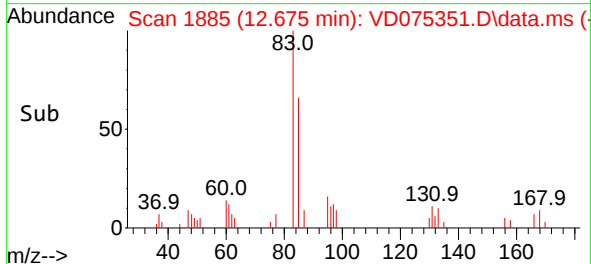
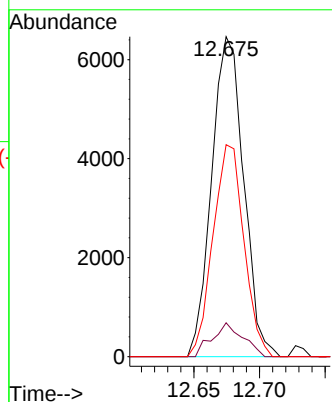
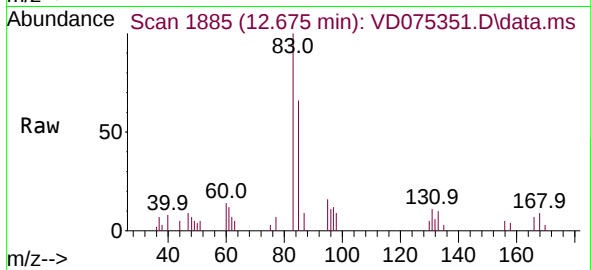




#75
1,1,2,2-Tetrachloroethane
Concen: 20.849 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075351.D
Acq: 17 Feb 2023 11:03

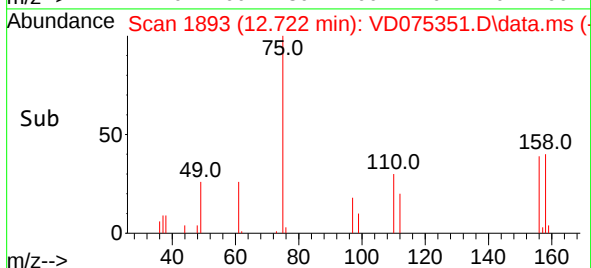
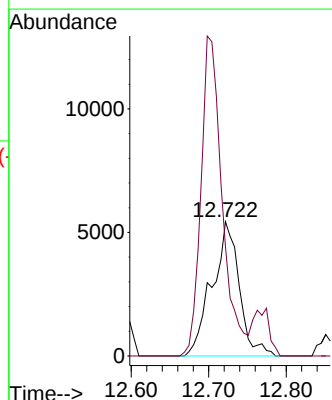
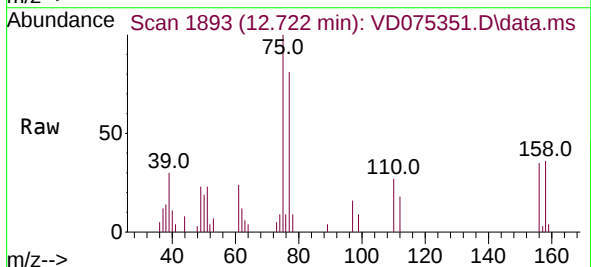
Instrument :
MSVOA_D
ClientSampleId :
VD0217SBS01

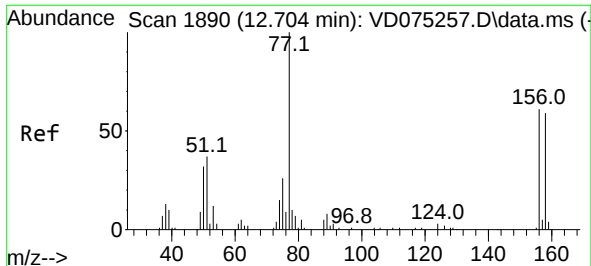
Tgt Ion: 83 Resp: 10962
Ion Ratio Lower Upper
83 100
131 10.1 4.9 14.6
85 63.9 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 31.204 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD075351.D
Acq: 17 Feb 2023 11:03

Tgt Ion: 75 Resp: 13222
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

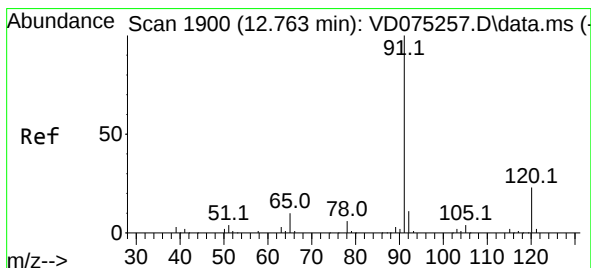
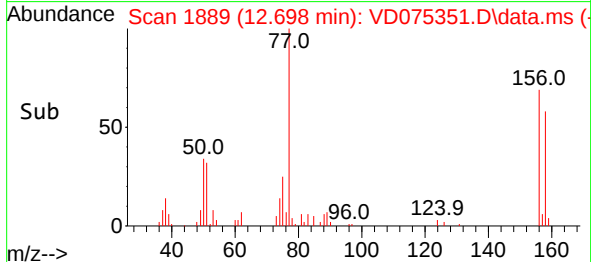
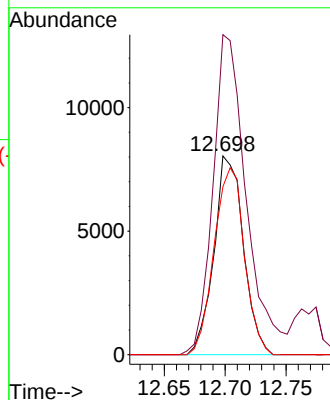
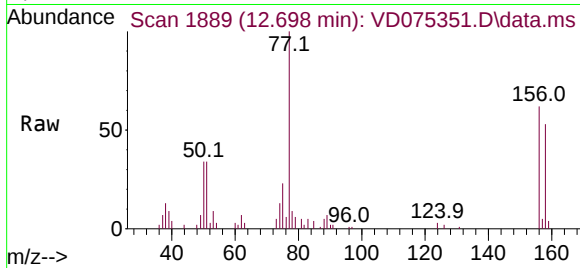




#77
Bromobenzene
Concen: 19.756 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD075351.D
Acq: 17 Feb 2023 11:03

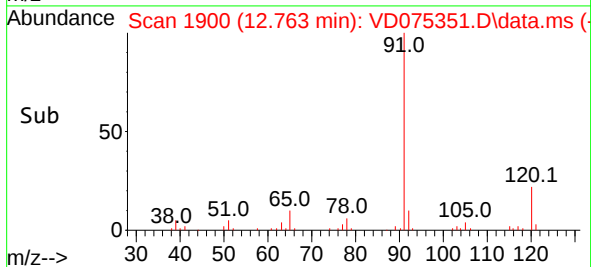
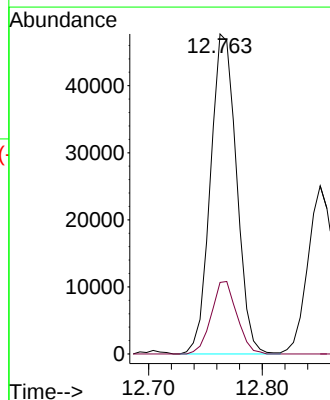
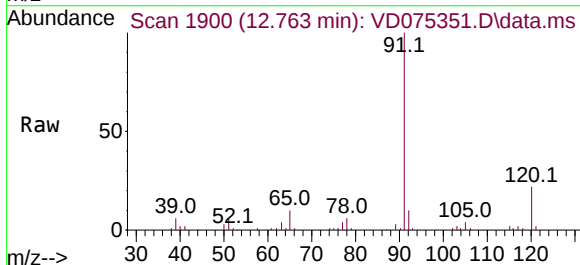
Instrument :
MSVOA_D
ClientSampleId :
VD0217SBS01

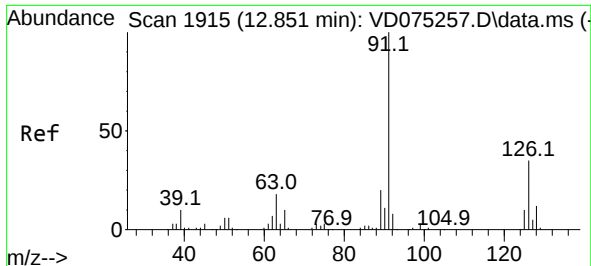
Tgt Ion:156 Resp: 13520
Ion Ratio Lower Upper
156 100
77 182.2 85.6 256.8
158 97.0 47.3 141.9



#78
n-propylbenzene
Concen: 20.233 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD075351.D
Acq: 17 Feb 2023 11:03

Tgt Ion: 91 Resp: 76084
Ion Ratio Lower Upper
91 100
120 22.2 11.7 35.0

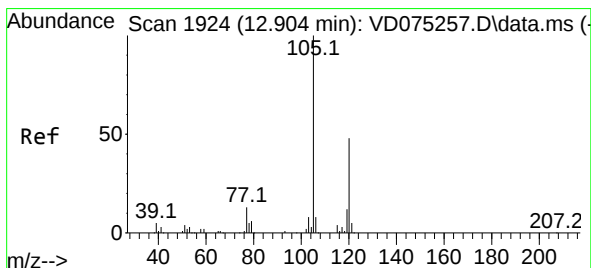
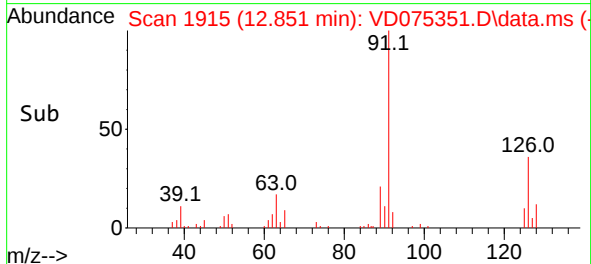
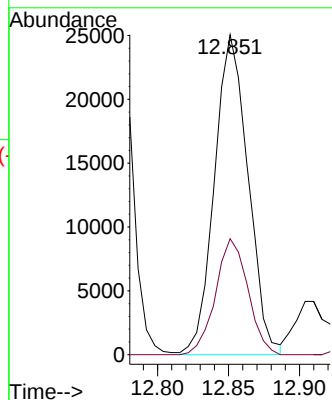
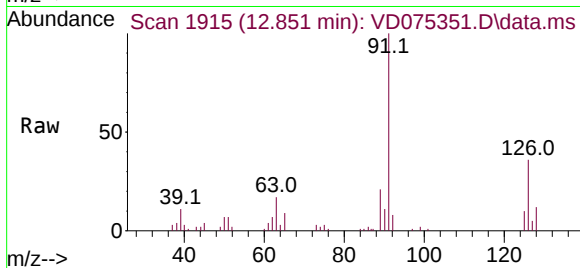




#79
2-Chlorotoluene
Concen: 19.999 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD075351.D
Acq: 17 Feb 2023 11:03

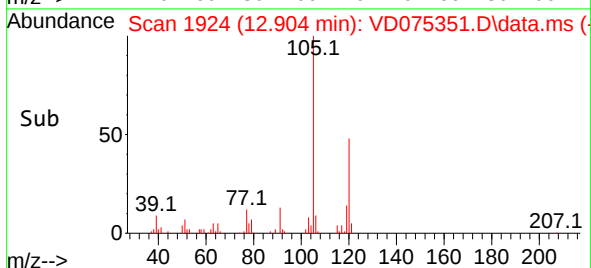
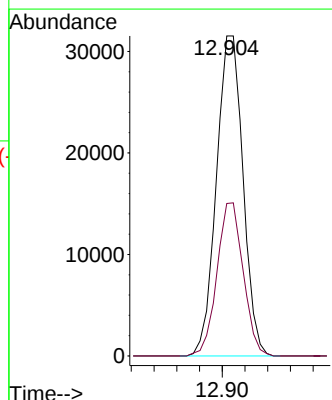
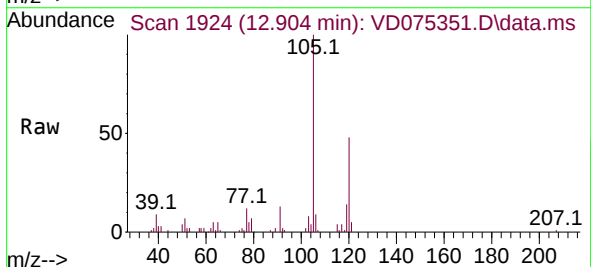
Instrument :
MSVOA_D
ClientSampleId :
VD0217SBS01

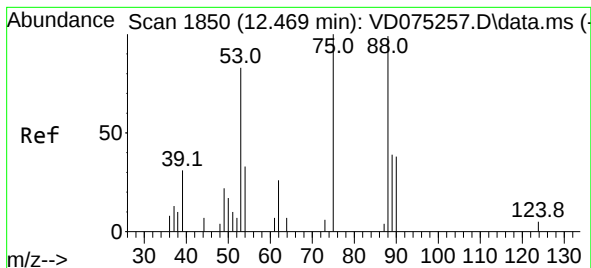
Tgt Ion: 91 Resp: 41251
Ion Ratio Lower Upper
91 100
126 34.8 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 20.385 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD075351.D
Acq: 17 Feb 2023 11:03

Tgt Ion: 105 Resp: 51296
Ion Ratio Lower Upper
105 100
120 47.1 24.6 73.8

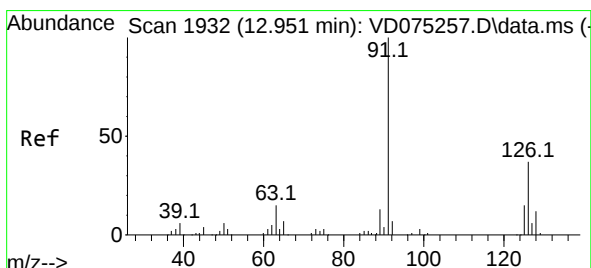
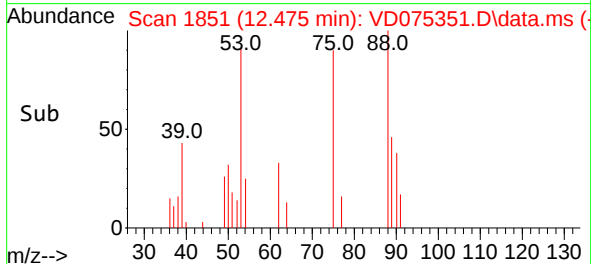
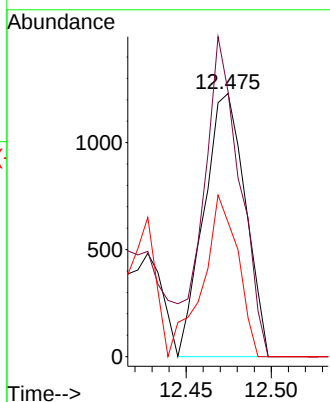
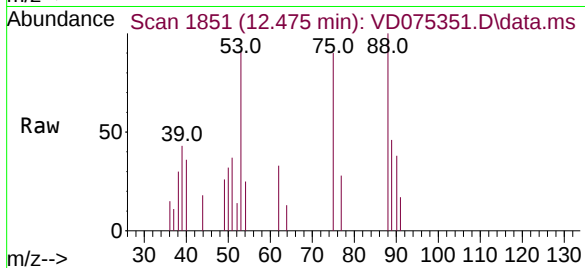




#81
trans-1,4-Dichloro-2-butene
Concen: 17.287 ug/l
RT: 12.475 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VD075351.D
Acq: 17 Feb 2023 11:03

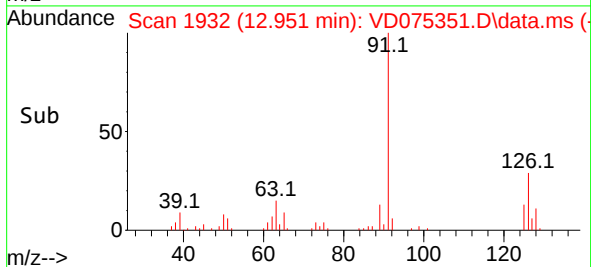
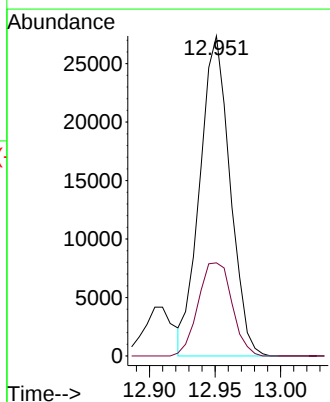
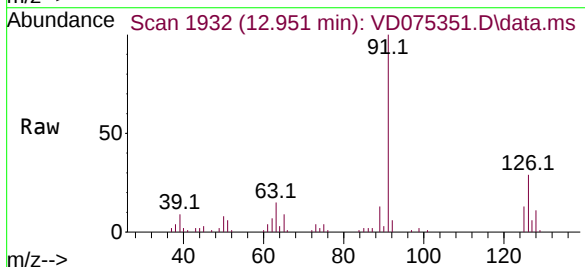
Instrument :
MSVOA_D
ClientSampleId :
VD0217SBS01

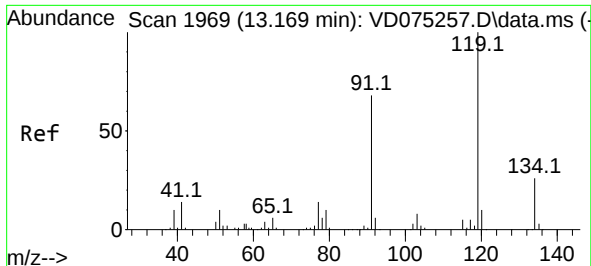
Tgt Ion: 75 Resp: 2070
Ion Ratio Lower Upper
75 100
53 105.3 70.5 105.7
89 52.4 34.6 52.0#



#82
4-Chlorotoluene
Concen: 20.396 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.000 min
Lab File: VD075351.D
Acq: 17 Feb 2023 11:03

Tgt Ion: 91 Resp: 43885
Ion Ratio Lower Upper
91 100
126 32.5 17.3 52.0

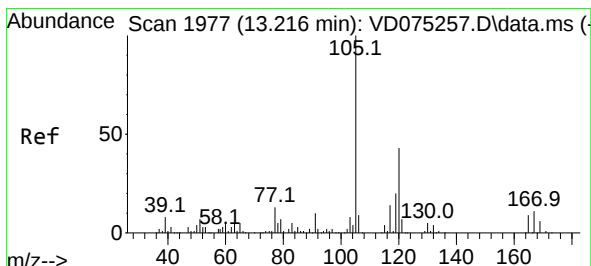
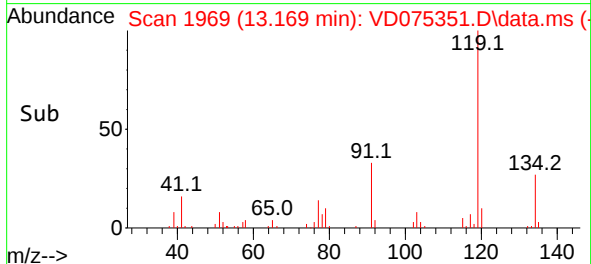
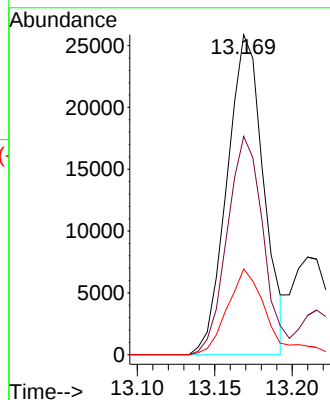
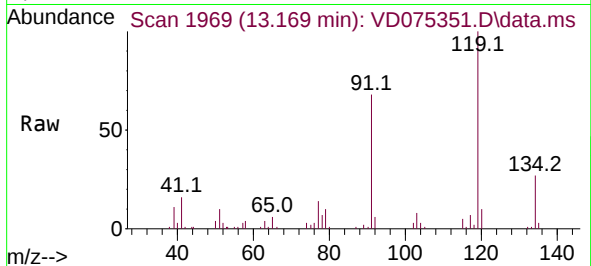




#83
 tert-Butylbenzene
 Concen: 19.540 ug/l
 RT: 13.169 min Scan# 1969
 Delta R.T. -0.000 min
 Lab File: VD075351.D
 Acq: 17 Feb 2023 11:03

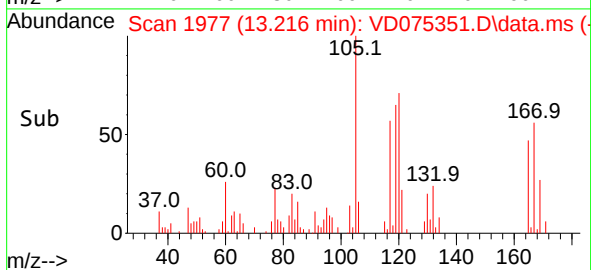
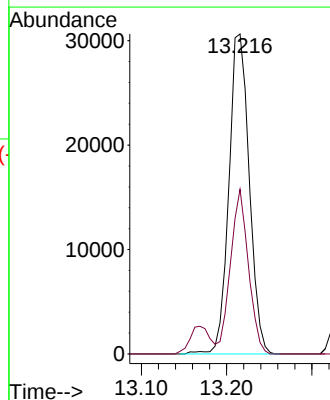
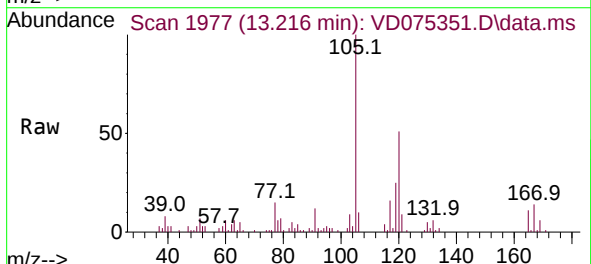
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0217SBS01

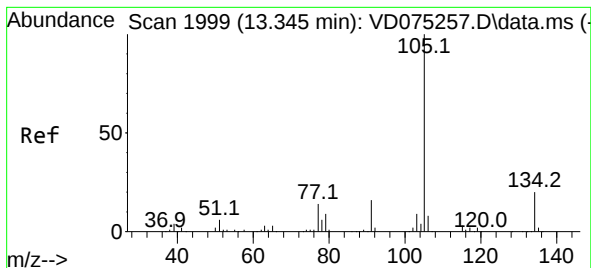
Tgt Ion:119 Resp: 42390
 Ion Ratio Lower Upper
 119 100
 91 67.5 32.9 98.6
 134 29.0 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 20.234 ug/l
 RT: 13.216 min Scan# 1977
 Delta R.T. -0.000 min
 Lab File: VD075351.D
 Acq: 17 Feb 2023 11:03

Tgt Ion:105 Resp: 50853
 Ion Ratio Lower Upper
 105 100
 120 45.4 23.2 69.5





#85

sec-Butylbenzene

Concen: 20.274 ug/l

RT: 13.351 min Scan# 20

Delta R.T. 0.006 min

Lab File: VD075351.D

Acq: 17 Feb 2023 11:03

Instrument :

MSVOA_D

ClientSampleId :

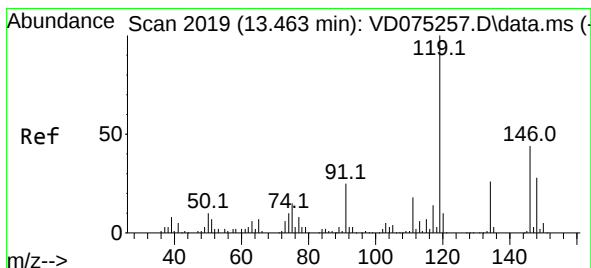
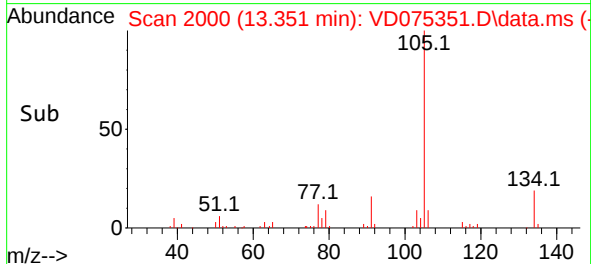
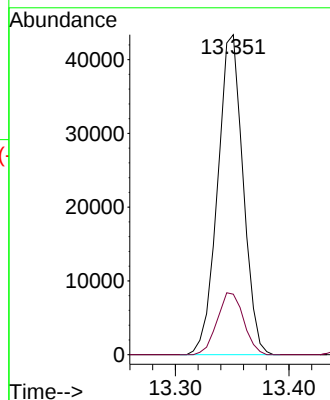
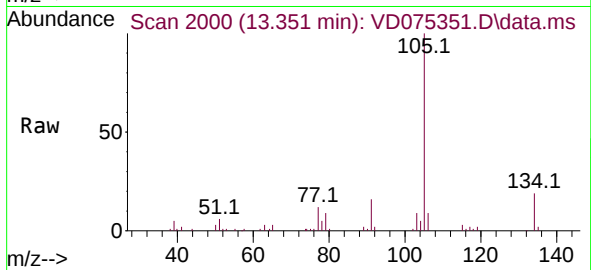
VD0217SBS01

Tgt Ion:105 Resp: 67472

Ion Ratio Lower Upper

105 100

134 20.1 10.4 31.2



#86

p-Isopropyltoluene

Concen: 20.582 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VD075351.D

Acq: 17 Feb 2023 11:03

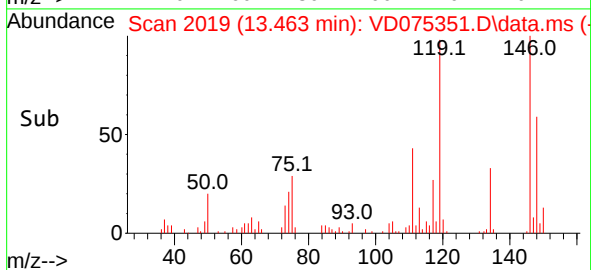
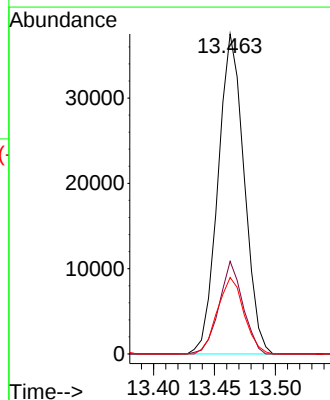
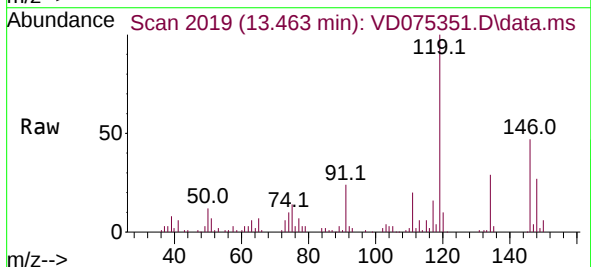
Tgt Ion:119 Resp: 56033

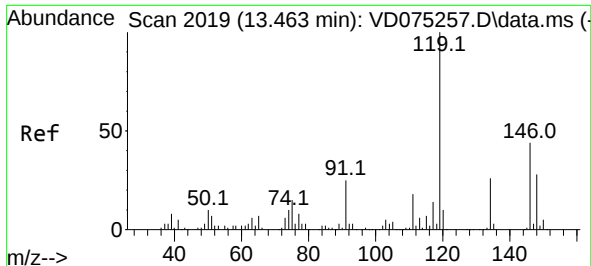
Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.8

91 24.3 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 21.006 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VD075351.D

Acq: 17 Feb 2023 11:03

Instrument :

MSVOA_D

ClientSampleId :

VD0217SBS01

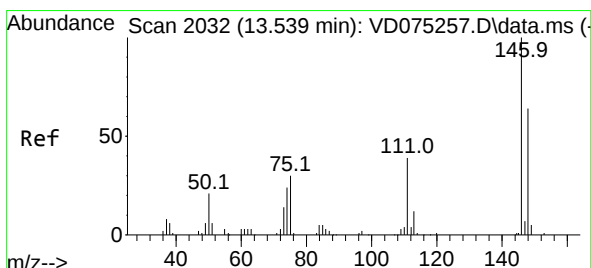
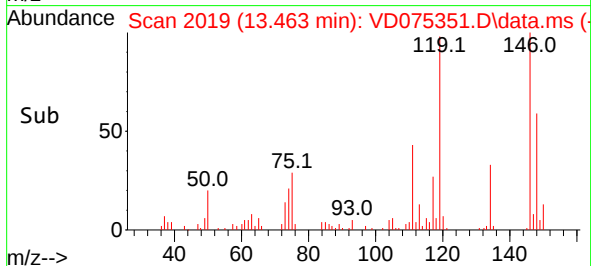
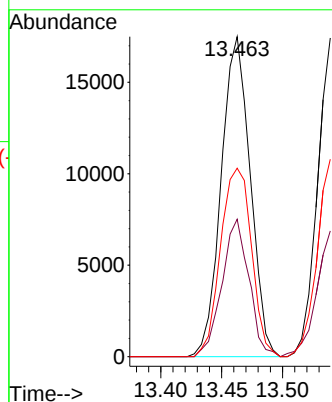
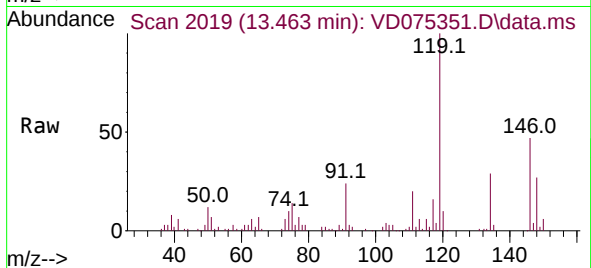
Tgt Ion:146 Resp: 29055

Ion Ratio Lower Upper

146 100

111 40.0 18.9 56.9

148 62.8 31.1 93.3



#88

1,4-Dichlorobenzene

Concen: 20.843 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD075351.D

Acq: 17 Feb 2023 11:03

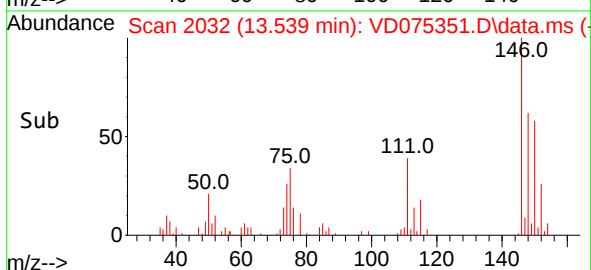
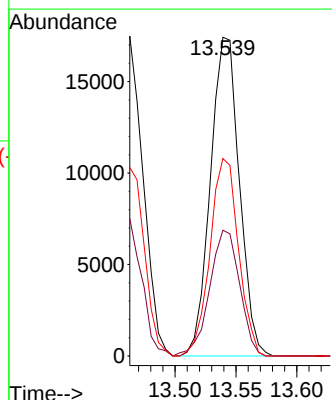
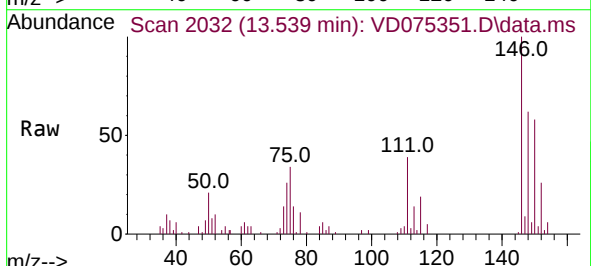
Tgt Ion:146 Resp: 28848

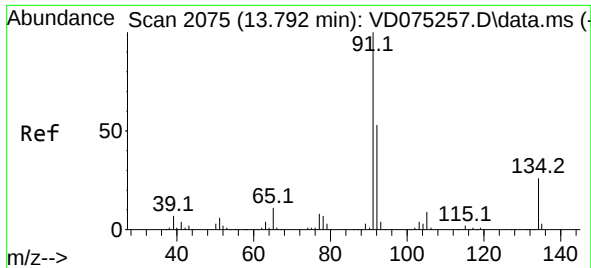
Ion Ratio Lower Upper

146 100

111 40.9 19.7 59.1

148 61.0 31.9 95.5

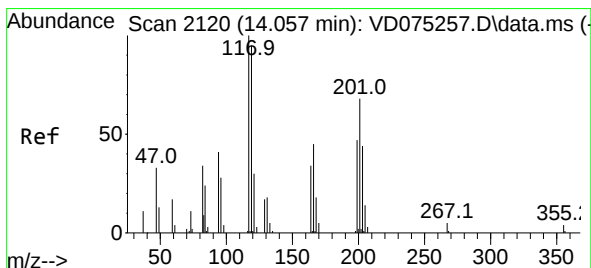
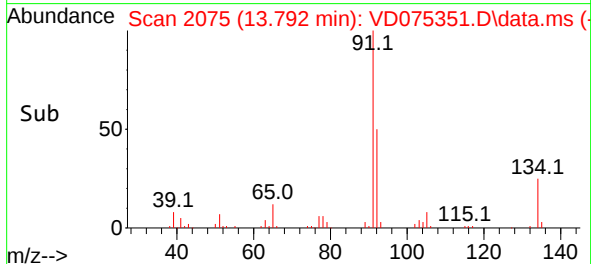
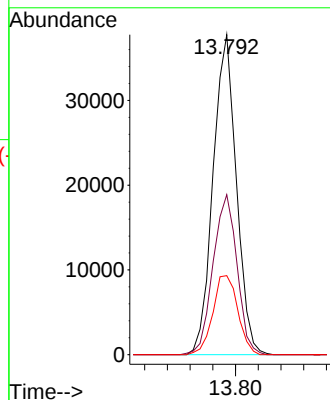
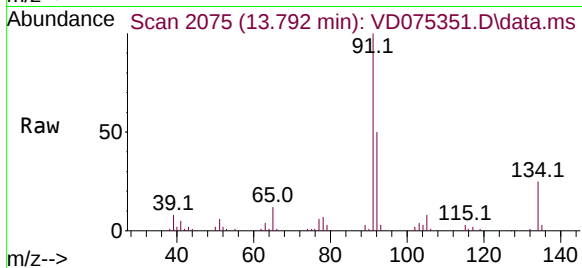




#89
n-Butylbenzene
Concen: 20.224 ug/l
RT: 13.792 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VD075351.D
Acq: 17 Feb 2023 11:03

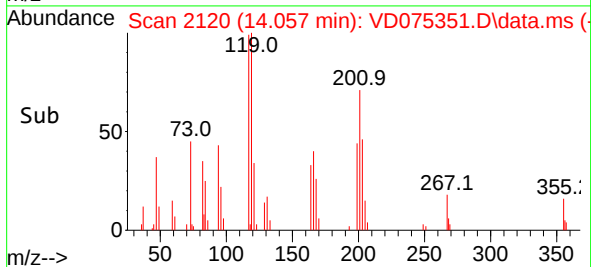
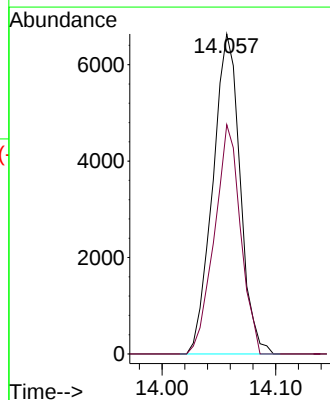
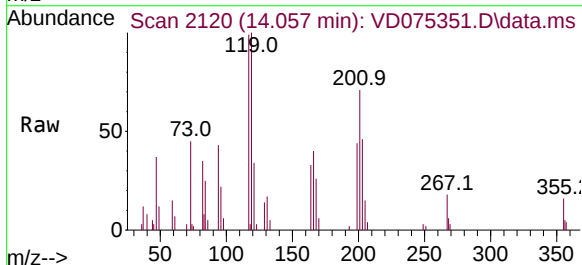
Instrument :
MSVOA_D
ClientSampleId :
VD0217SBS01

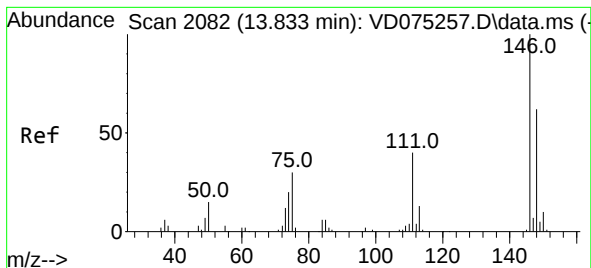
Tgt Ion: 91 Resp: 53751
Ion Ratio Lower Upper
91 100
92 51.5 26.8 80.3
134 26.6 13.3 39.8



#90
Hexachloroethane
Concen: 20.644 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. -0.000 min
Lab File: VD075351.D
Acq: 17 Feb 2023 11:03

Tgt Ion: 117 Resp: 11080
Ion Ratio Lower Upper
117 100
201 68.7 35.1 105.5





#91

1,2-Dichlorobenzene

Concen: 20.635 ug/l

RT: 13.833 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD075351.D

Acq: 17 Feb 2023 11:03

Instrument :

MSVOA_D

ClientSampleId :

VD0217SBS01

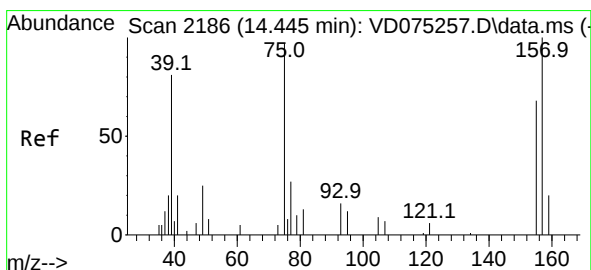
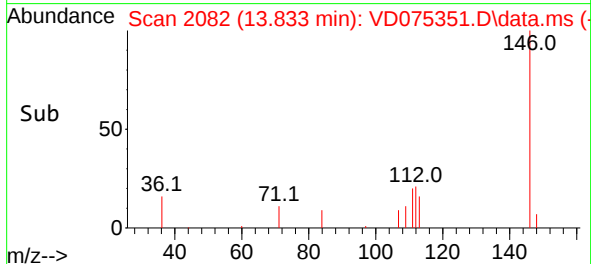
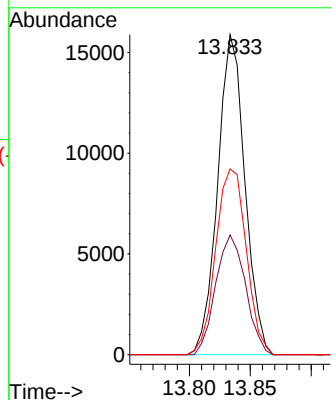
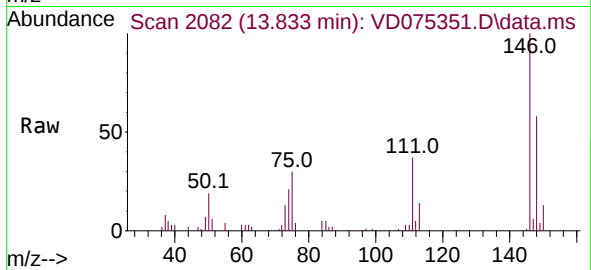
Tgt Ion:146 Resp: 24765

Ion Ratio Lower Upper

146 100

111 40.9 20.4 61.2

148 65.0 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.464 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.006 min

Lab File: VD075351.D

Acq: 17 Feb 2023 11:03

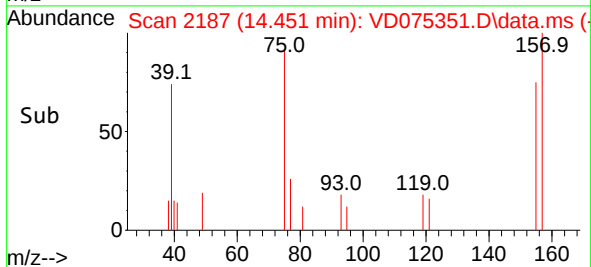
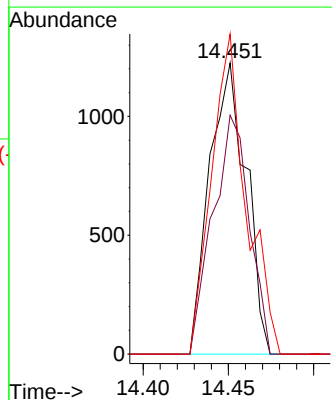
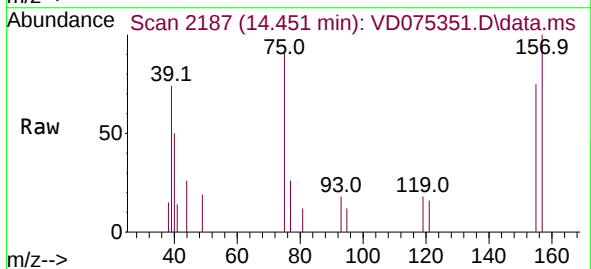
Tgt Ion: 75 Resp: 1832

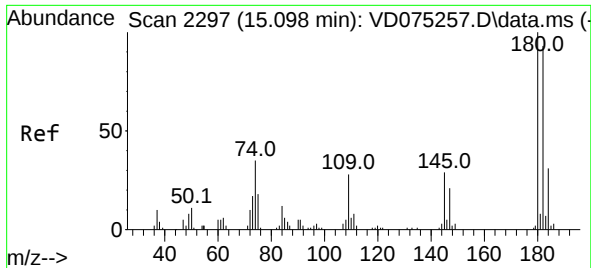
Ion Ratio Lower Upper

75 100

155 81.6 43.4 130.2

157 104.0 56.4 169.2





#93

1,2,4-Trichlorobenzene

Concen: 19.615 ug/l

RT: 15.104 min Scan# 2297

Delta R.T. 0.006 min

Lab File: VD075351.D

Acq: 17 Feb 2023 11:03

Instrument :

MSVOA_D

ClientSampleId :

VD0217SBS01

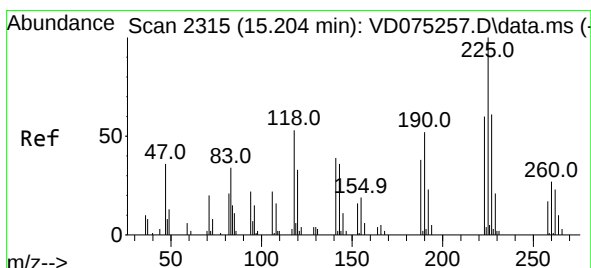
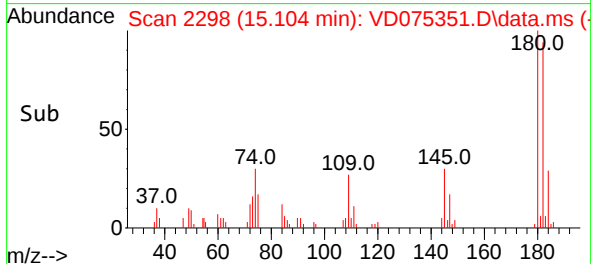
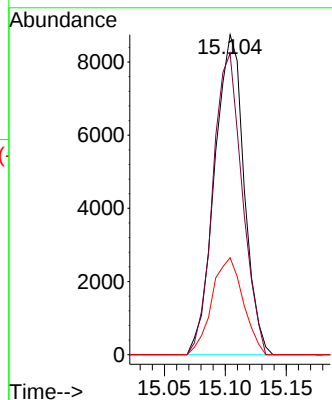
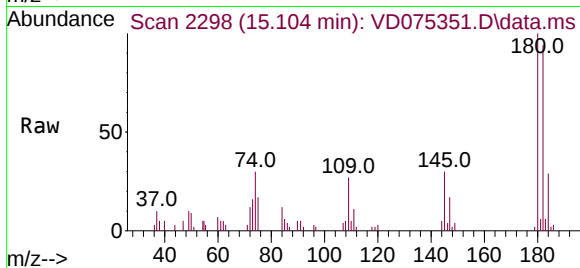
Tgt Ion:180 Resp: 14744

Ion Ratio Lower Upper

180 100

182 93.3 46.2 138.6

145 32.0 15.8 47.4



#94

Hexachlorobutadiene

Concen: 21.946 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD075351.D

Acq: 17 Feb 2023 11:03

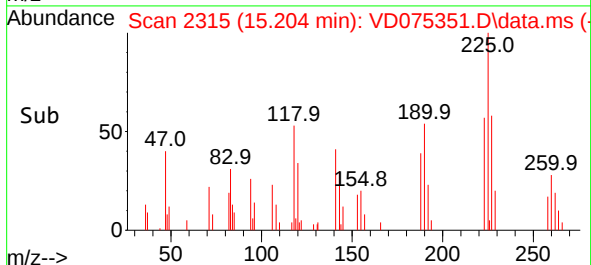
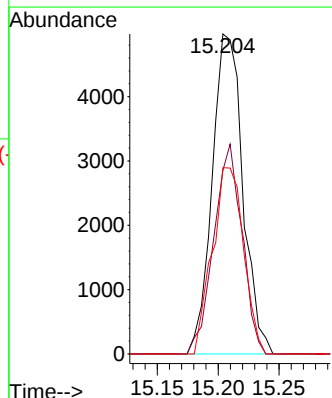
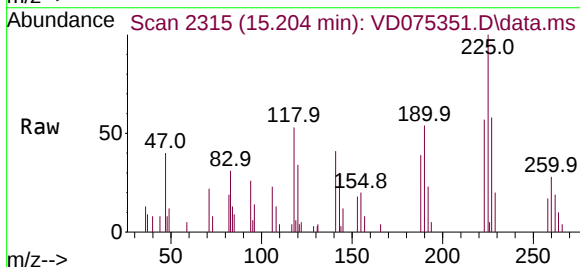
Tgt Ion:225 Resp: 8703

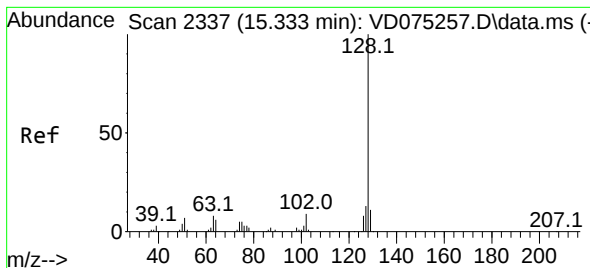
Ion Ratio Lower Upper

225 100

223 60.5 31.8 95.4

227 59.5 30.7 92.1

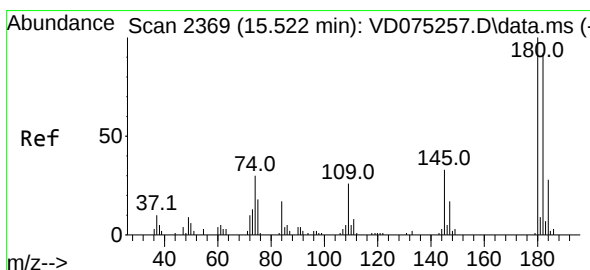
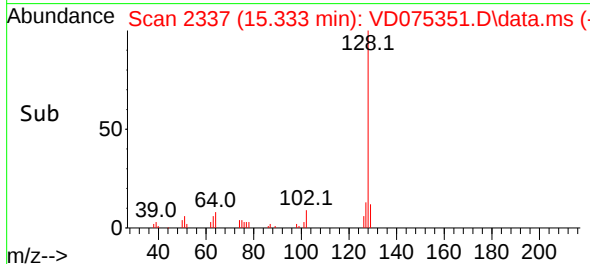
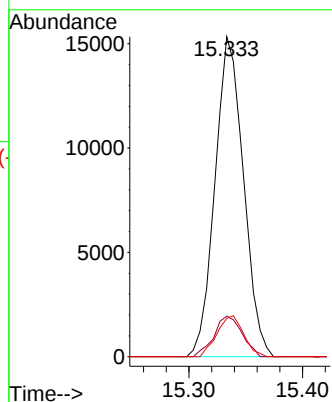
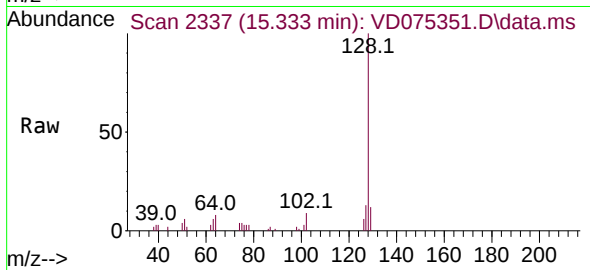




#95
Naphthalene
Concen: 19.078 ug/l
RT: 15.333 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD075351.D
Acq: 17 Feb 2023 11:03

Instrument :
MSVOA_D
ClientSampleId :
VD0217SBS01

Tgt Ion:128	Resp:	26691
Ion Ratio	Lower	Upper
128	100	
127	12.5	10.6 15.8
129	11.9	8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.580 ug/l
RT: 15.521 min Scan# 2369
Delta R.T. -0.001 min
Lab File: VD075351.D
Acq: 17 Feb 2023 11:03

Tgt Ion:180	Resp:	13347
Ion Ratio	Lower	Upper
180	100	
182	91.7	47.0 141.0
145	32.1	16.1 48.3

