

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101723\
 Data File : VD077342.D
 Acq On : 17 Oct 2023 16:01
 Operator : JC/SY
 Sample : VSTDICC020
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Quant Time: Oct 18 02:45:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 18 02:44:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	185451	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	311445	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	298682	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	154697	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	34978	21.122	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	42.240%#
35) Dibromofluoromethane	7.804	113	42241	19.305	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	38.620%#
50) Toluene-d8	10.269	98	157170	20.057	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	40.120%#
62) 4-Bromofluorobenzene	12.575	95	44063	19.534	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	39.060%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	31568	18.310	ug/l	99
3) Chloromethane	2.152	50	78277	22.295	ug/l	99
4) Vinyl Chloride	2.287	62	82578	19.912	ug/l	95
5) Bromomethane	2.687	94	52491	19.696	ug/l	99
6) Chloroethane	2.834	64	62536	21.450	ug/l	95
7) Trichlorofluoromethane	3.175	101	88580	21.055	ug/l	93
8) Diethyl Ether	3.599	74	29874	26.493	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.969	101	52089	23.931	ug/l	96
10) Methyl Iodide	4.169	142	58619	22.010	ug/l	92
11) Tert butyl alcohol	5.052	59	10578	113.554	ug/l #	82
12) 1,1-Dichloroethene	3.940	96	52968	24.806	ug/l	95
13) Acrolein	3.799	56	25487	157.613	ug/l	99
14) Allyl chloride	4.563	41	37039	18.282	ug/l	93
15) Acrylonitrile	5.252	53	39101	114.427	ug/l	99
16) Acetone	4.022	43	50865	140.073	ug/l	100
17) Carbon Disulfide	4.275	76	137528	21.910	ug/l	98
18) Methyl Acetate	4.558	43	25591	20.249	ug/l	97
19) Methyl tert-butyl Ether	5.322	73	79890	21.966	ug/l	95
20) Methylene Chloride	4.805	84	55497	22.640	ug/l #	94
21) trans-1,2-Dichloroethene	5.311	96	46255	20.828	ug/l	88
22) Diisopropyl ether	6.216	45	90125	22.661	ug/l	95
23) Vinyl Acetate	6.152	43	176596	94.751	ug/l	99
24) 1,1-Dichloroethane	6.105	63	70906	21.443	ug/l	98
25) 2-Butanone	7.081	43	43471	115.403	ug/l	88
26) 2,2-Dichloropropane	7.075	77	61295	20.330	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	52564	21.109	ug/l	96
28) Bromochloromethane	7.422	49	26106	21.613	ug/l	92
29) Tetrahydrofuran	7.446	42	24775	114.016	ug/l	95
30) Chloroform	7.599	83	81882	21.583	ug/l	92
31) Cyclohexane	7.881	56	50408	19.565	ug/l #	93
32) 1,1,1-Trichloroethane	7.793	97	69497	21.233	ug/l	95
36) 1,1-Dichloropropene	8.010	75	57424	19.973	ug/l	100
37) Ethyl Acetate	7.163	43	19626	21.732	ug/l	99
38) Carbon Tetrachloride	7.993	117	62427	19.519	ug/l #	94
39) Methylcyclohexane	9.275	83	63232	18.100	ug/l	94
40) Benzene	8.252	78	176102	20.184	ug/l	98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	9372	21.745	ug/l	# 87
42) 1,2-Dichloroethane	8.328	62	43737	21.282	ug/l	99
43) Isopropyl Acetate	8.363	43	35724	21.973	ug/l	99
44) Trichloroethene	9.028	130	50226	19.690	ug/l	99
45) 1,2-Dichloropropane	9.304	63	41358	20.564	ug/l	100
46) Dibromomethane	9.393	93	26580	21.139	ug/l	99
47) Bromodichloromethane	9.587	83	62683	20.907	ug/l	99
48) Methyl methacrylate	9.375	41	14704	19.992	ug/l	94
49) 1,4-Dioxane	9.393	88	4470	385.433	ug/l	# 85
51) 4-Methyl-2-Pentanone	10.157	43	91709	112.528	ug/l	99
52) Toluene	10.334	92	114713	20.137	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	58221	21.633	ug/l	93
54) cis-1,3-Dichloropropene	10.022	75	67523	20.506	ug/l	99
55) 1,1,2-Trichloroethane	10.734	97	36558	20.992	ug/l	98
56) Ethyl methacrylate	10.598	69	34521	20.742	ug/l	99
57) 1,3-Dichloropropane	10.881	76	56688	21.190	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	88543	107.578	ug/l	95
59) 2-Hexanone	10.922	43	65732	112.297	ug/l	97
60) Dibromochloromethane	11.075	129	46524	20.922	ug/l	98
61) 1,2-Dibromoethane	11.181	107	35640	21.718	ug/l	92
64) Tetrachloroethene	10.810	164	42888	19.319	ug/l	87
65) Chlorobenzene	11.610	112	129132	19.835	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	47768	19.302	ug/l	99
67) Ethyl Benzene	11.687	91	206262	19.112	ug/l	98
68) m/p-Xylenes	11.793	106	172047	38.822	ug/l	96
69) o-Xylene	12.122	106	77840	19.080	ug/l	100
70) Styrene	12.134	104	135971	19.535	ug/l	98
71) Bromoform	12.298	173	29337	21.625	ug/l	# 95
73) Isopropylbenzene	12.422	105	196416	19.196	ug/l	98
74) N-amyl acetate	12.234	43	31968	21.717	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	40216	21.629	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	45993	25.509	ug/l	# 100
77) Bromobenzene	12.698	156	53485	19.910	ug/l	97
78) n-propylbenzene	12.763	91	241244	19.577	ug/l	98
79) 2-Chlorotoluene	12.851	91	134139	19.985	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	170502	20.192	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	11895	20.604	ug/l	94
82) 4-Chlorotoluene	12.945	91	141062	20.186	ug/l	98
83) tert-Butylbenzene	13.169	119	141906	18.956	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	170380	20.041	ug/l	98
85) sec-Butylbenzene	13.345	105	214697	19.058	ug/l	98
86) p-Isopropyltoluene	13.463	119	185690	18.974	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	111680	19.755	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	111599	19.920	ug/l	98
89) n-Butylbenzene	13.787	91	163623	19.200	ug/l	99
90) Hexachloroethane	14.051	117	38004	19.211	ug/l	99
91) 1,2-Dichlorobenzene	13.834	146	95488	19.995	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5195	22.826	ug/l	88
93) 1,2,4-Trichlorobenzene	15.104	180	56144	18.869	ug/l	98
94) Hexachlorobutadiene	15.210	225	32116	19.005	ug/l	99
95) Naphthalene	15.334	128	97839	19.475	ug/l	98
96) 1,2,3-Trichlorobenzene	15.528	180	50874	19.698	ug/l	97

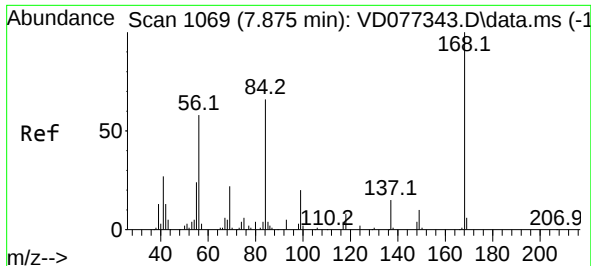
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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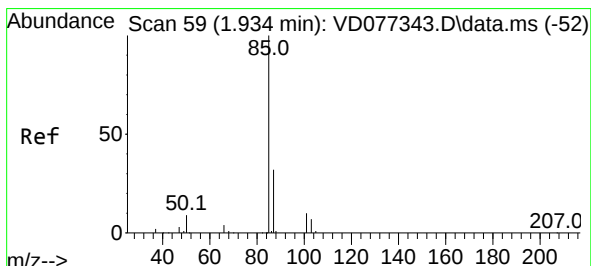
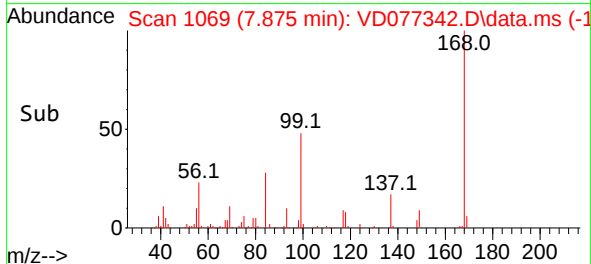
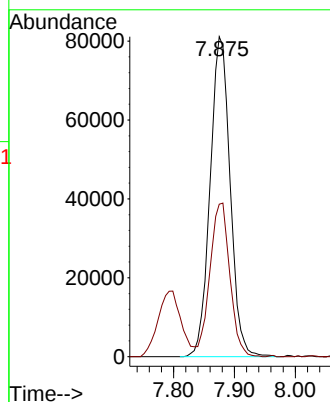
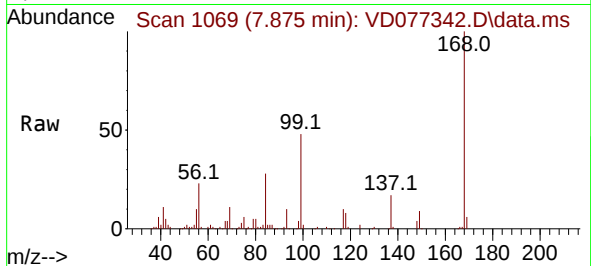
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077342.D
Acq: 17 Oct 2023 16:01

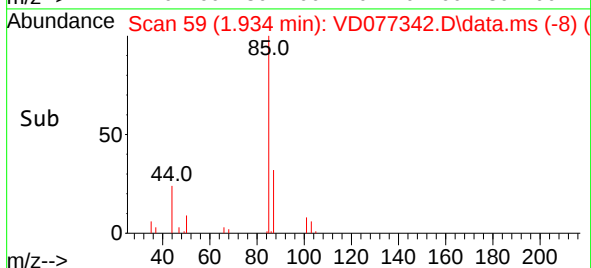
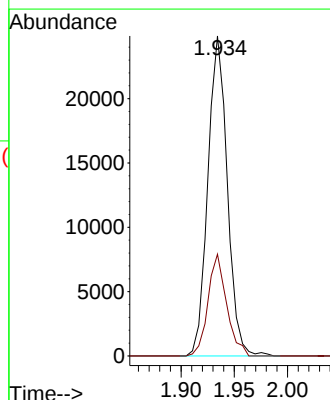
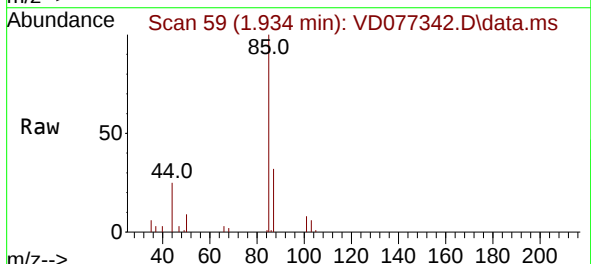
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VSTDIC020

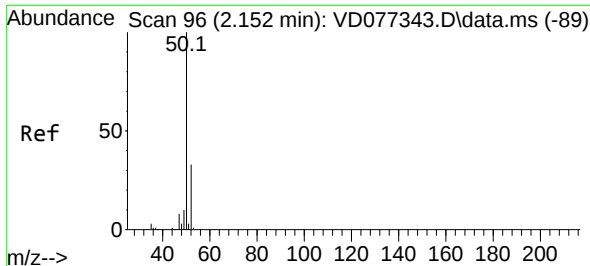
Tgt Ion:168 Resp: 185451
Ion Ratio Lower Upper
168 100
99 47.6 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 18.310 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD077342.D
Acq: 17 Oct 2023 16:01

Tgt Ion: 85 Resp: 31568
Ion Ratio Lower Upper
85 100
87 31.8 15.7 47.0

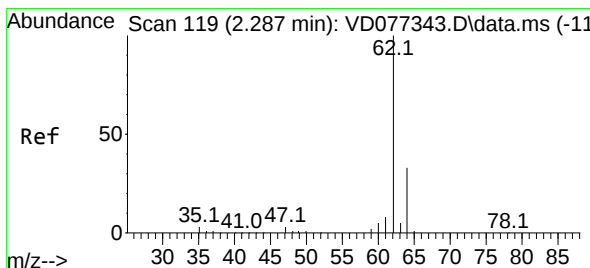
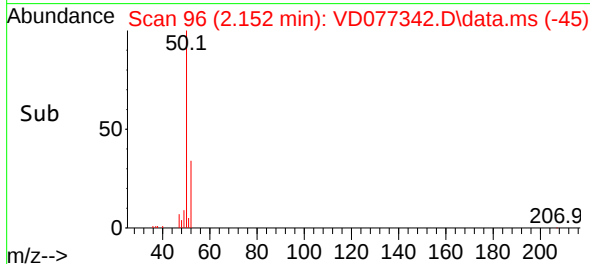
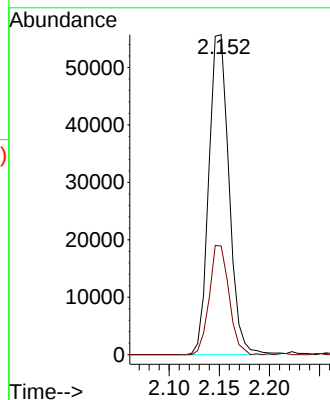
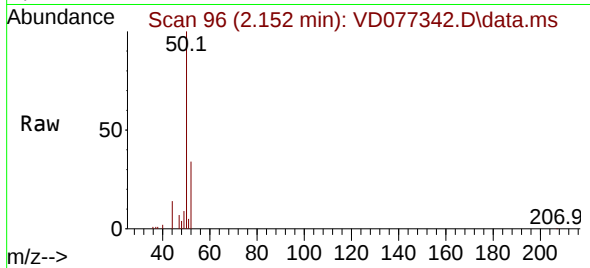




#3
Chloromethane
Concen: 22.295 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD077342.D
Acq: 17 Oct 2023 16:01

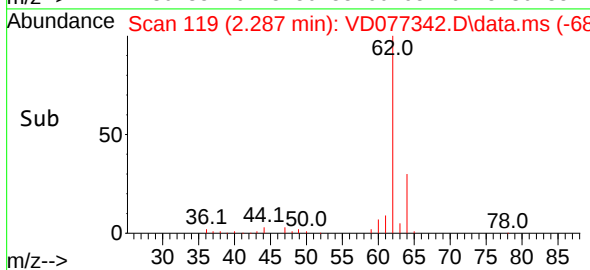
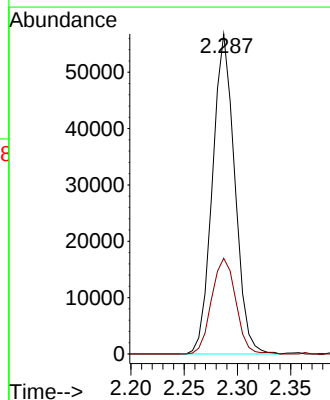
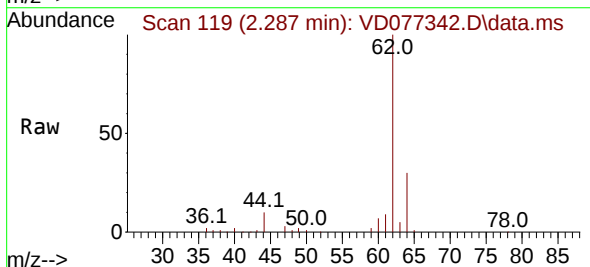
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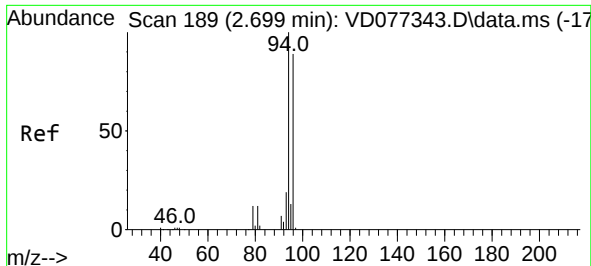
Tgt Ion: 50 Resp: 78277
Ion Ratio Lower Upper
50 100
52 34.0 26.6 40.0



#4
Vinyl Chloride
Concen: 19.912 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077342.D
Acq: 17 Oct 2023 16:01

Tgt Ion: 62 Resp: 82578
Ion Ratio Lower Upper
62 100
64 29.9 26.0 39.0

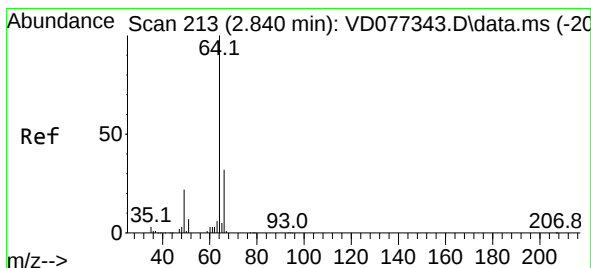
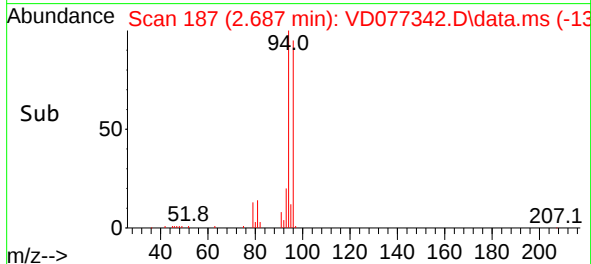
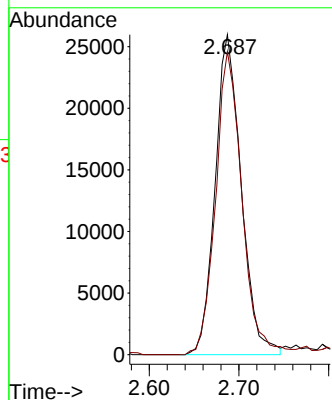
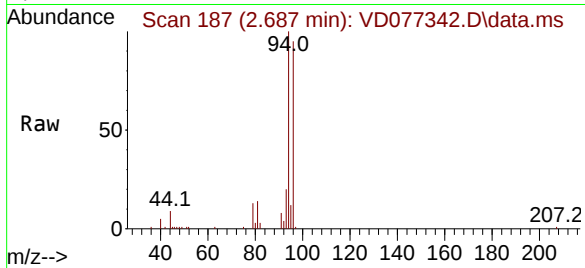




#5
Bromomethane
Concen: 19.696 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD077342.D
Acq: 17 Oct 2023 16:01

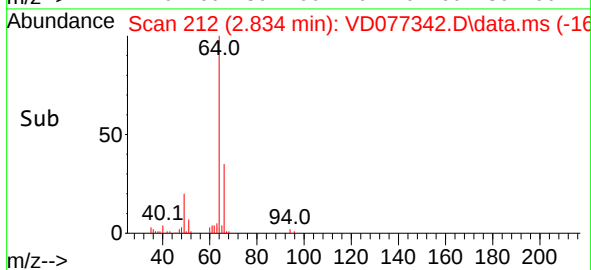
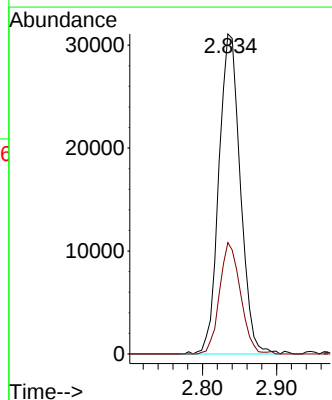
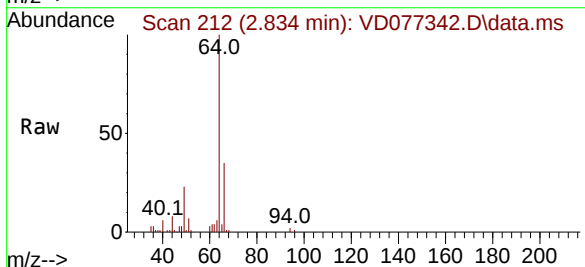
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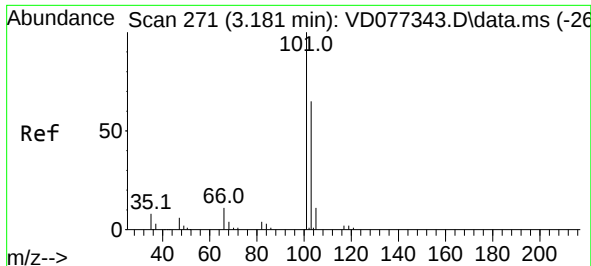
Tgt Ion: 94 Resp: 52491
Ion Ratio Lower Upper
94 100
96 95.7 75.8 113.8



#6
Chloroethane
Concen: 21.450 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD077342.D
Acq: 17 Oct 2023 16:01

Tgt Ion: 64 Resp: 62536
Ion Ratio Lower Upper
64 100
66 34.8 25.5 38.3

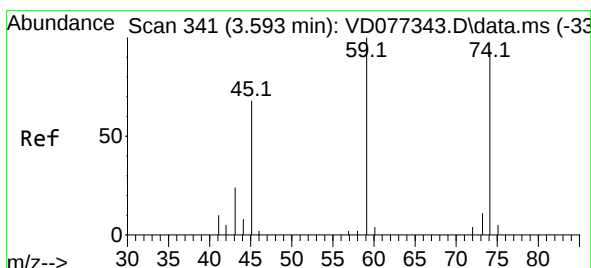
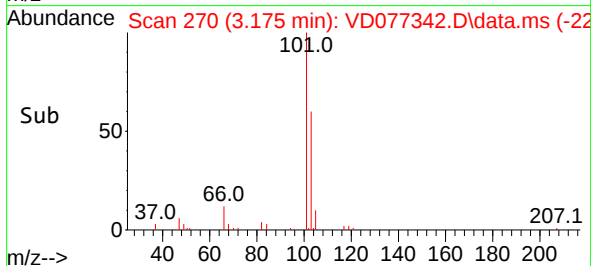
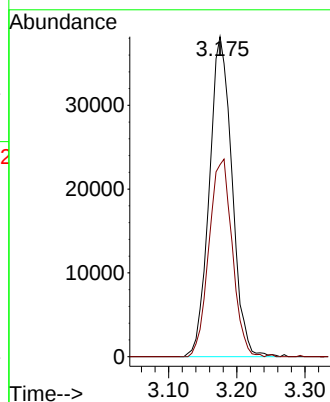
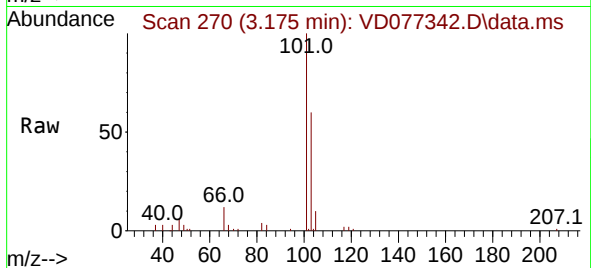




#7
 Trichlorofluoromethane
 Concen: 21.055 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD077342.D
 Acq: 17 Oct 2023 16:01

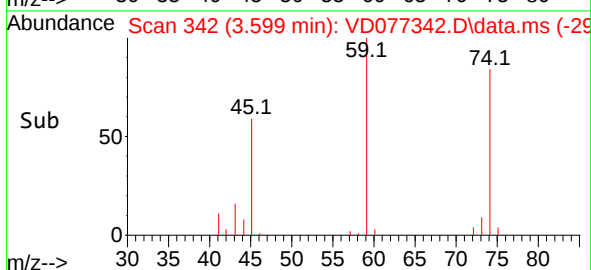
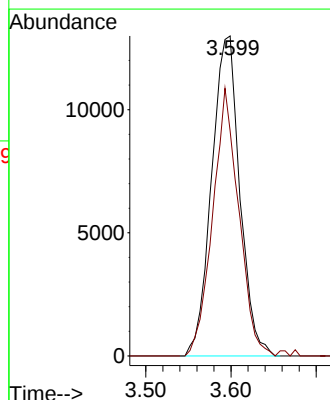
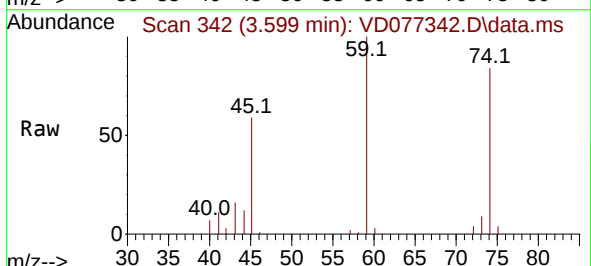
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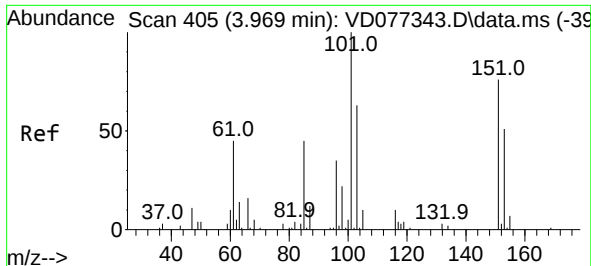
Tgt Ion:101 Resp: 88580
 Ion Ratio Lower Upper
 101 100
 103 60.0 52.3 78.5



#8
 Diethyl Ether
 Concen: 26.493 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VD077342.D
 Acq: 17 Oct 2023 16:01

Tgt Ion: 74 Resp: 29874
 Ion Ratio Lower Upper
 74 100
 45 77.5 37.5 112.7

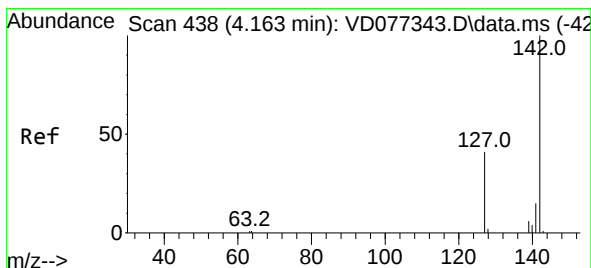
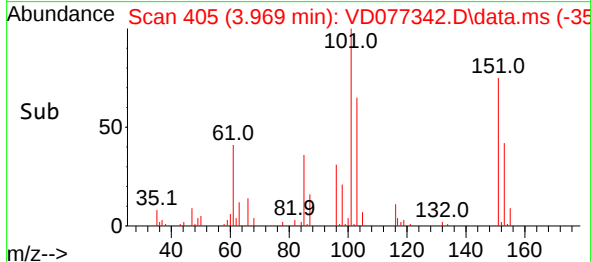
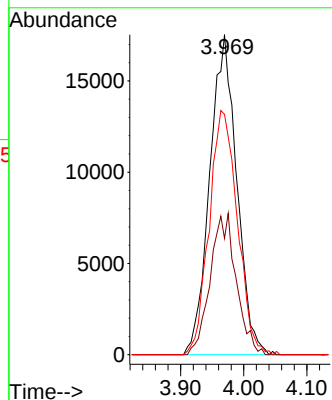
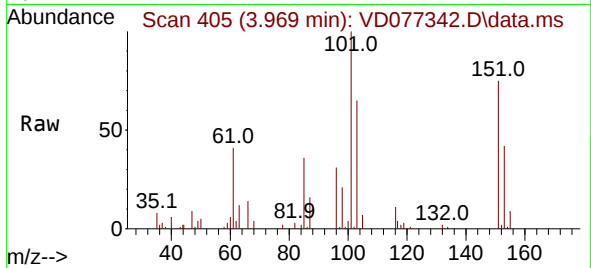




#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.931 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD077342.D
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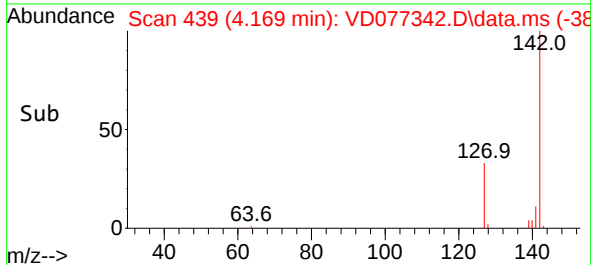
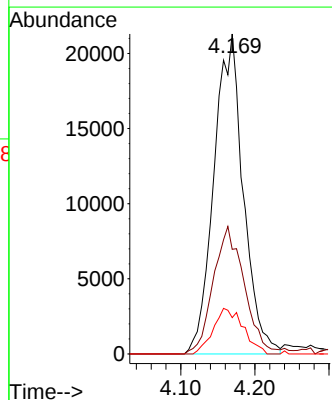
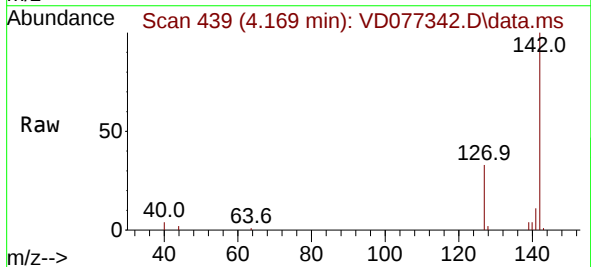
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

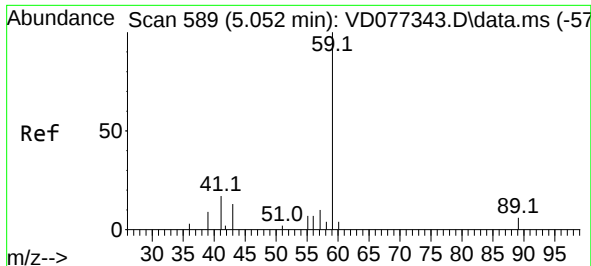
Tgt Ion:	101	Resp:	52089
Ion	Ratio	Lower	Upper
101	100		
85	42.5	33.8	50.6
151	79.8	59.8	89.6



#10
Methyl Iodide
Concen: 22.010 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.006 min
Lab File: VD077342.D
Acq: 17 Oct 2023 16:01

Tgt Ion:	142	Resp:	58619
Ion	Ratio	Lower	Upper
142	100		
127	42.5	29.4	44.0
141	14.6	11.1	16.7

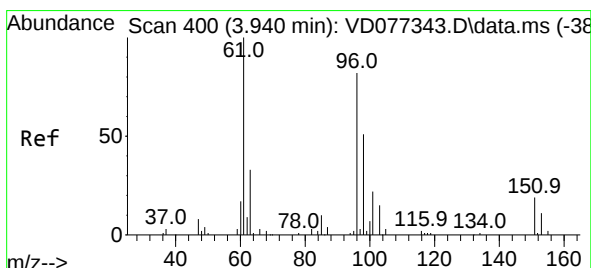
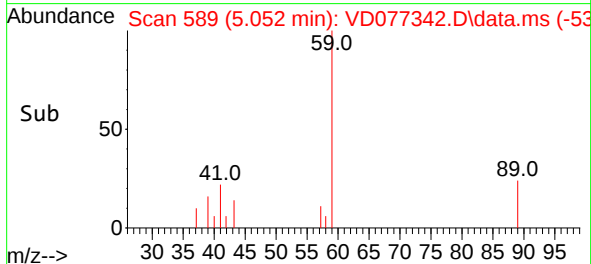
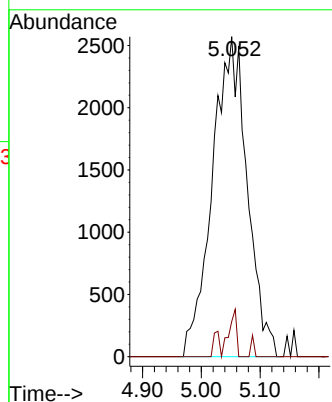
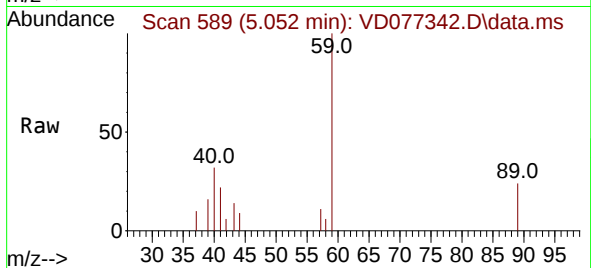




#11
Tert butyl alcohol
Concen: 113.554 ug/l
RT: 5.052 min Scan# 51
Delta R.T. -0.000 min
Lab File: VD077342.D
Acq: 17 Oct 2023 16:01

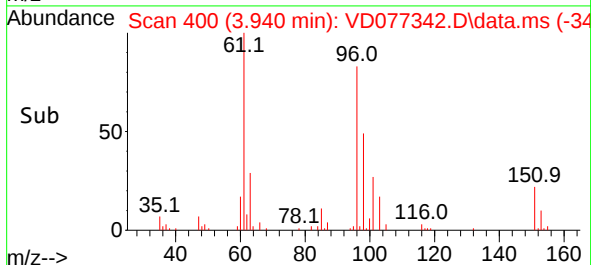
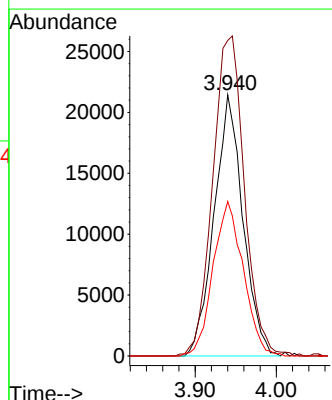
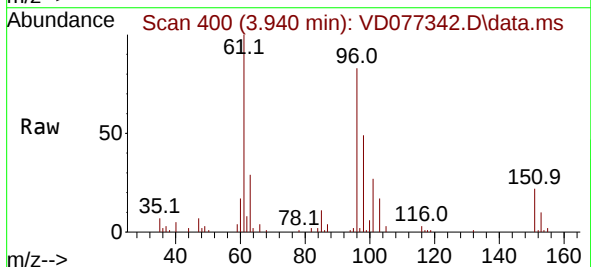
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

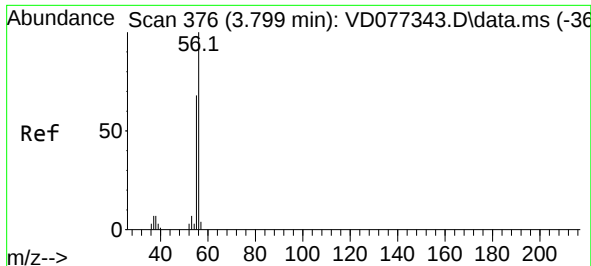
Tgt Ion: 59 Resp: 10578
Ion Ratio Lower Upper
59 100
57 3.2 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 24.806 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.000 min
Lab File: VD077342.D
Acq: 17 Oct 2023 16:01

Tgt Ion: 96 Resp: 52968
Ion Ratio Lower Upper
96 100
61 120.1 100.6 150.8
98 59.1 50.2 75.2





#13

Acrolein

Concen: 157.613 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD077342.D

Acq: 17 Oct 2023 16:01

Instrument :

MSVOA_D

ClientSampleId :

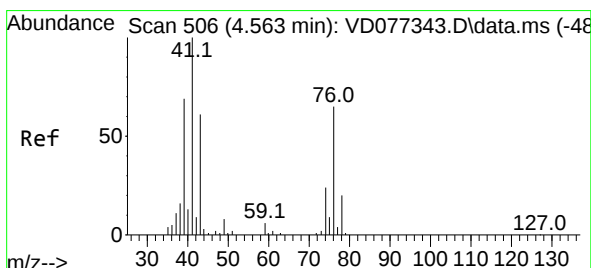
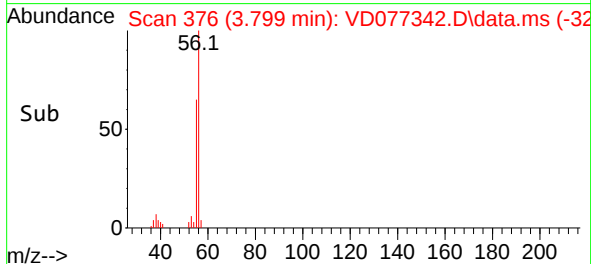
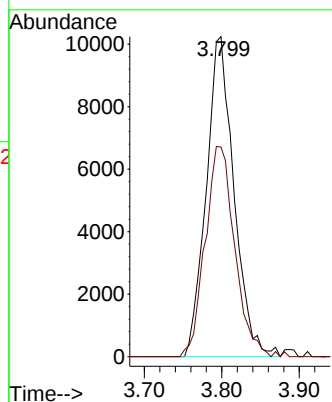
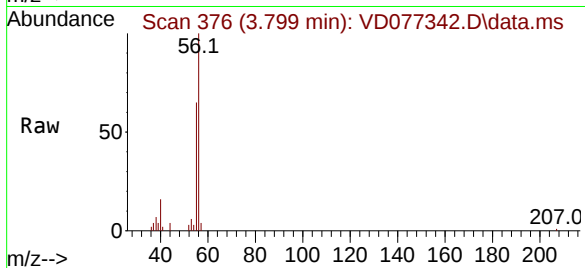
VSTDICC020

Tgt Ion: 56 Resp: 25487

Ion Ratio Lower Upper

56 100

55 69.7 55.1 82.7



#14

Allyl chloride

Concen: 18.282 ug/l

RT: 4.563 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD077342.D

Acq: 17 Oct 2023 16:01

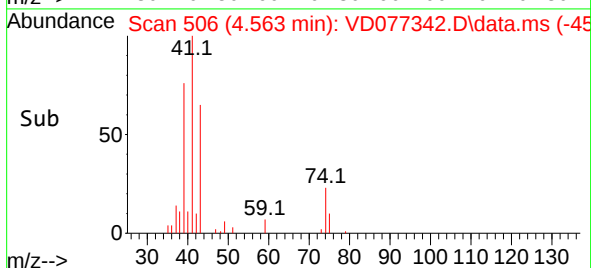
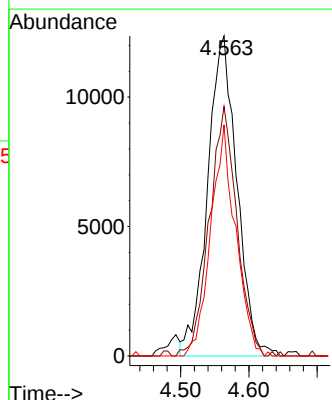
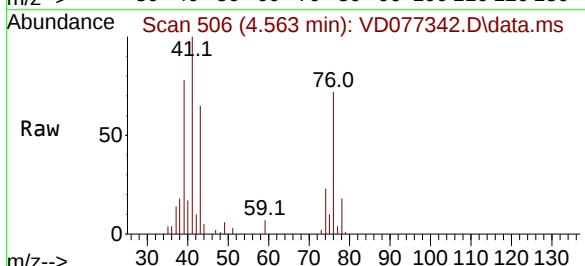
Tgt Ion: 41 Resp: 37039

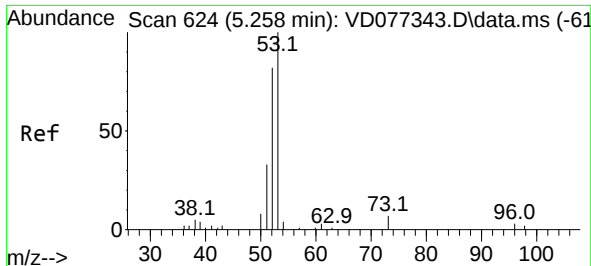
Ion Ratio Lower Upper

41 100

39 73.3 53.8 80.6

76 61.3 45.8 68.8

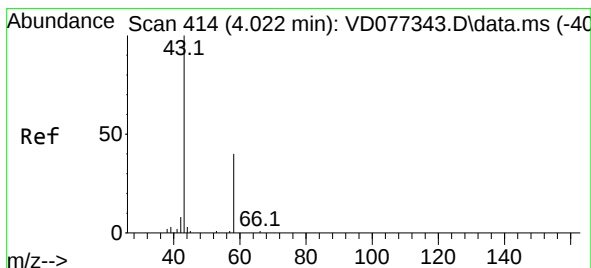
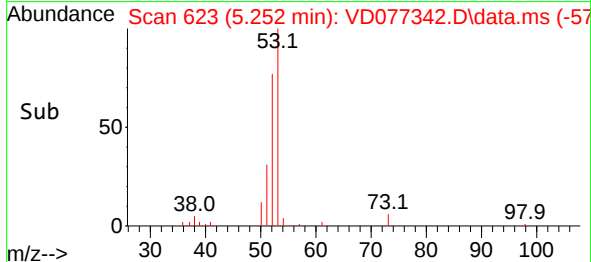
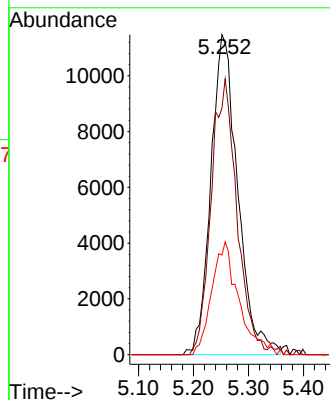
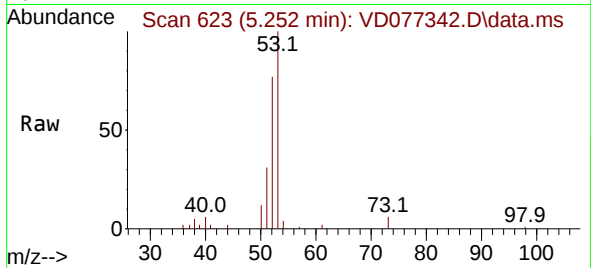




#15
Acrylonitrile
Concen: 114.427 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD077342.D
Acq: 17 Oct 2023 16:01

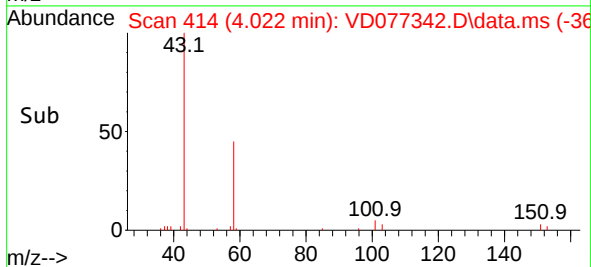
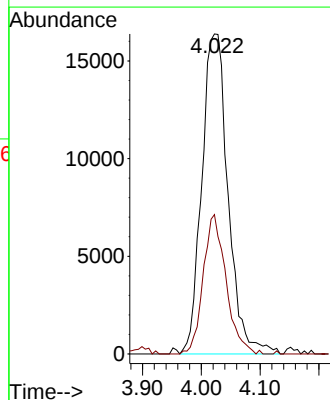
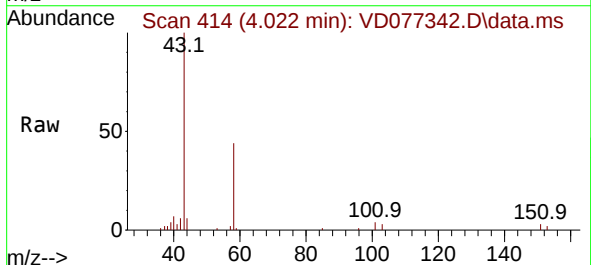
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

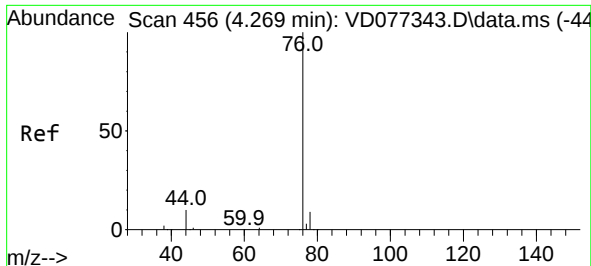
Tgt Ion: 53 Resp: 39101
Ion Ratio Lower Upper
53 100
52 82.0 65.0 97.4
51 35.6 28.3 42.5



#16
Acetone
Concen: 140.073 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077342.D
Acq: 17 Oct 2023 16:01

Tgt Ion: 43 Resp: 50865
Ion Ratio Lower Upper
43 100
58 43.6 34.7 52.1

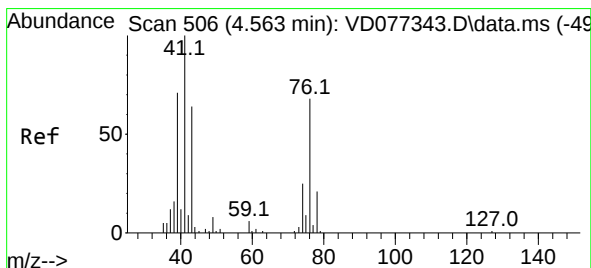
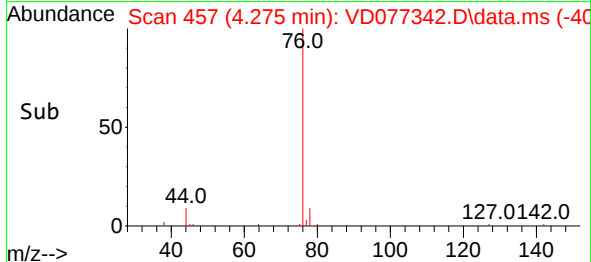
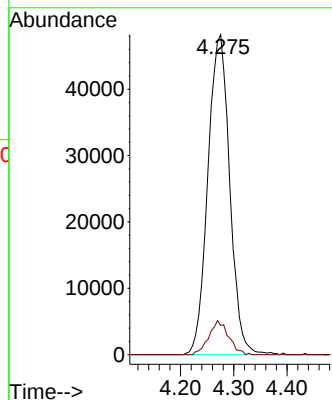
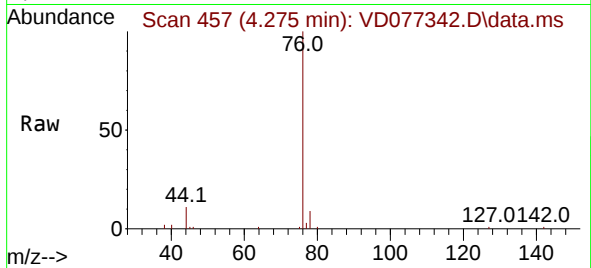




#17
Carbon Disulfide
Concen: 21.910 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD077342.D
Acq: 17 Oct 2023 16:01

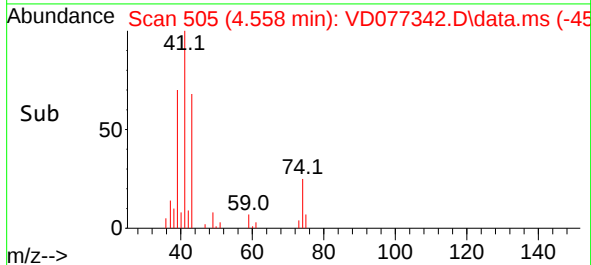
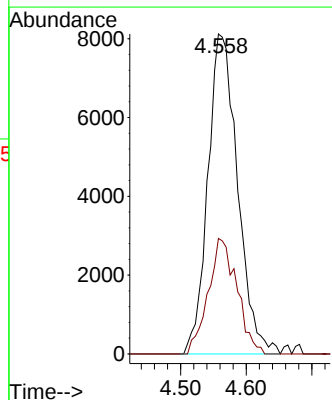
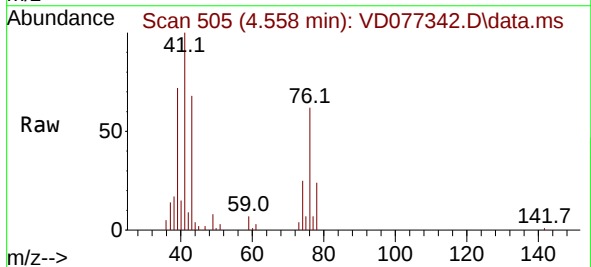
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

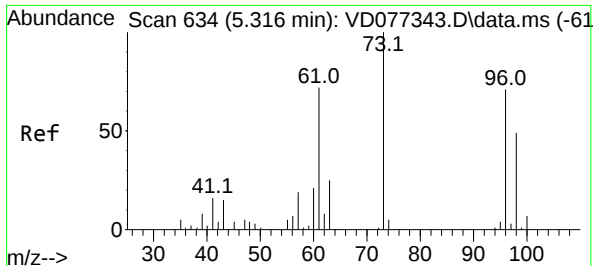
Tgt Ion: 76 Resp: 137528
Ion Ratio Lower Upper
76 100
78 9.2 6.8 10.2



#18
Methyl Acetate
Concen: 20.249 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.005 min
Lab File: VD077342.D
Acq: 17 Oct 2023 16:01

Tgt Ion: 43 Resp: 25591
Ion Ratio Lower Upper
43 100
74 34.8 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 21.966 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD077342.D

Acq: 17 Oct 2023 16:01

Instrument :

MSVOA_D

ClientSampleId :

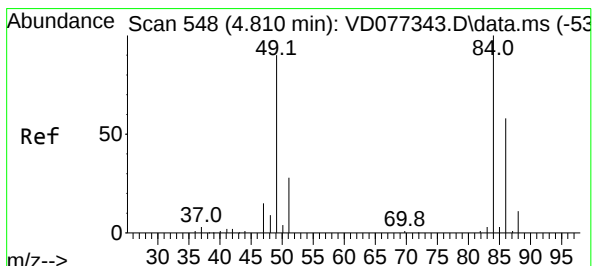
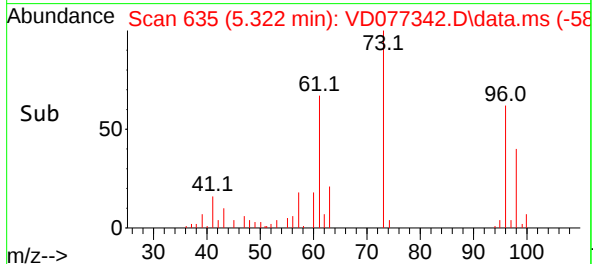
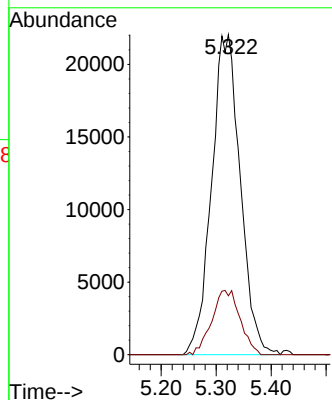
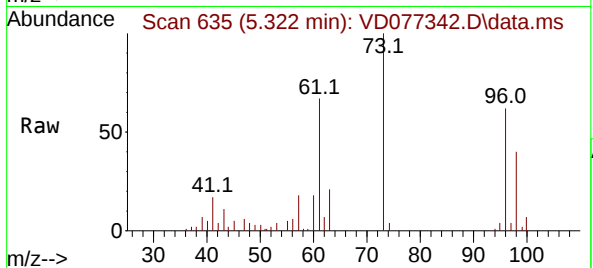
VSTDIC020

Tgt Ion: 73 Resp: 79890

Ion Ratio Lower Upper

73 100

57 18.4 16.6 25.0



#20

Methylene Chloride

Concen: 22.640 ug/l

RT: 4.805 min Scan# 547

Delta R.T. -0.005 min

Lab File: VD077342.D

Acq: 17 Oct 2023 16:01

Tgt Ion: 84 Resp: 55497

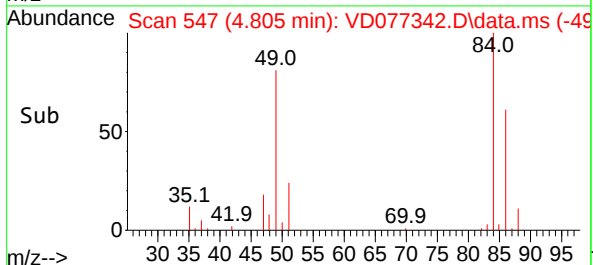
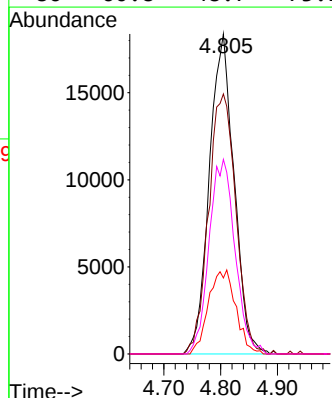
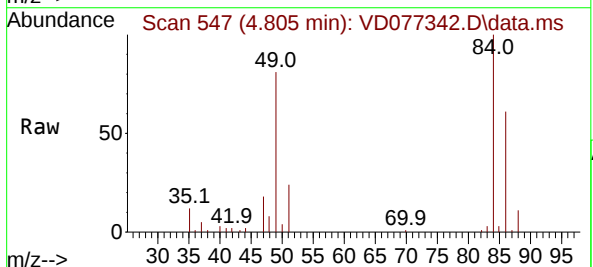
Ion Ratio Lower Upper

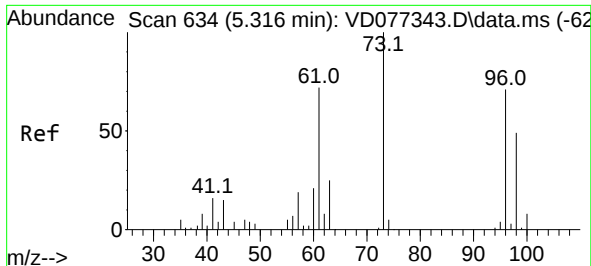
84 100

49 81.3 71.4 107.2

51 23.7 24.5 36.7#

86 60.8 48.7 73.1

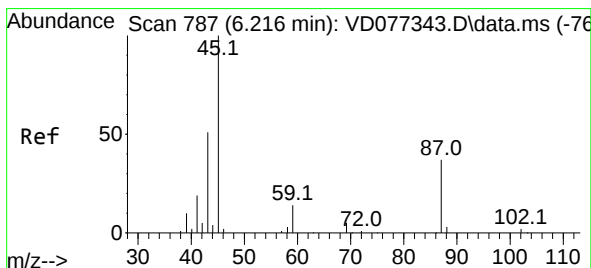
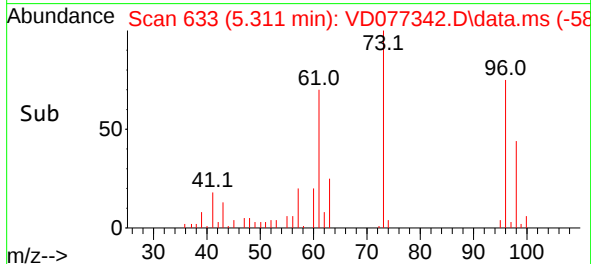
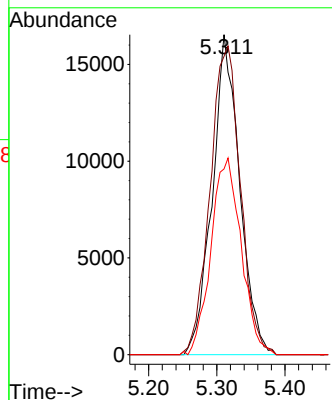
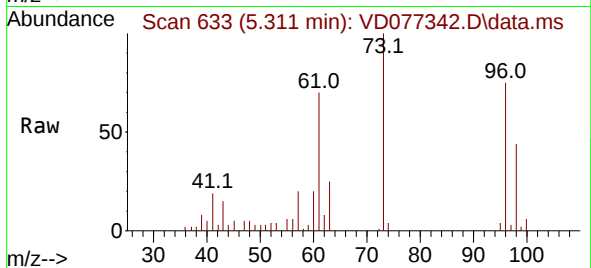




#21
trans-1,2-Dichloroethene
Concen: 20.828 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.005 min
Lab File: VD077342.D
Acq: 17 Oct 2023 16:01

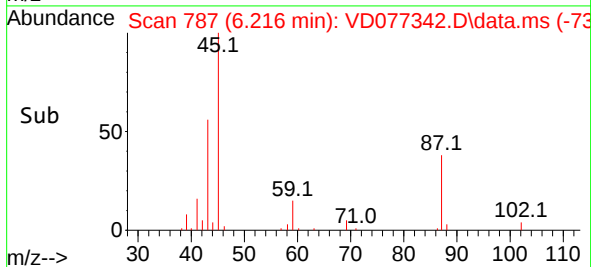
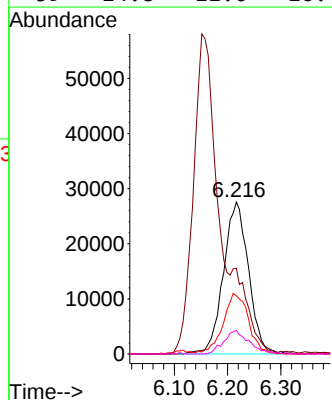
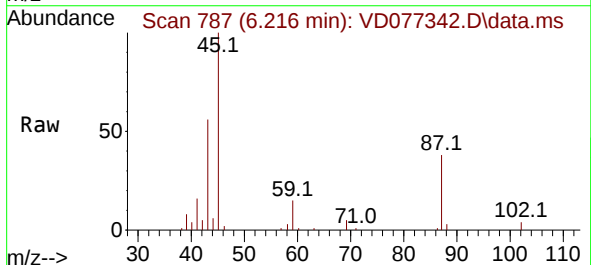
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

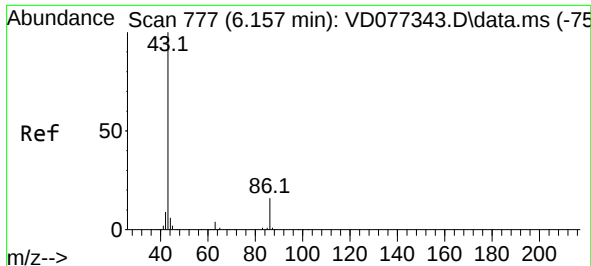
Tgt Ion: 96 Resp: 46255
Ion Ratio Lower Upper
96 100
61 93.2 89.3 133.9
98 58.0 48.6 73.0



#22
Diisopropyl ether
Concen: 22.661 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077342.D
Acq: 17 Oct 2023 16:01

Tgt Ion: 45 Resp: 90125
Ion Ratio Lower Upper
45 100
43 54.8 40.0 60.0
87 37.7 28.2 42.4
59 14.8 11.0 16.4

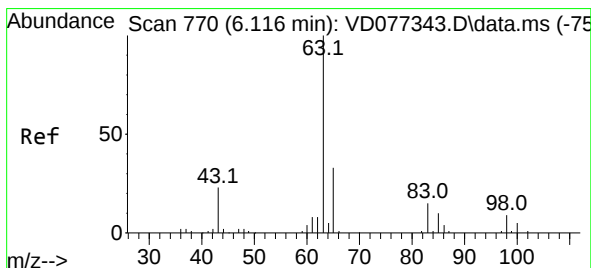
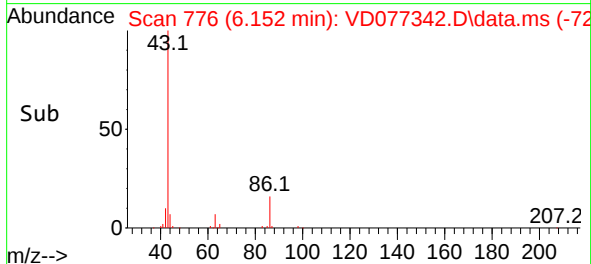
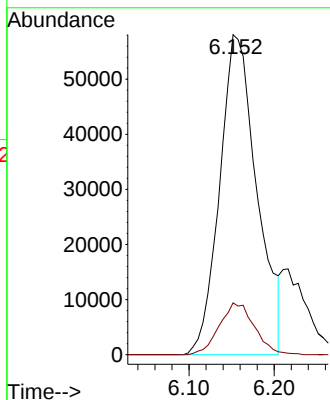
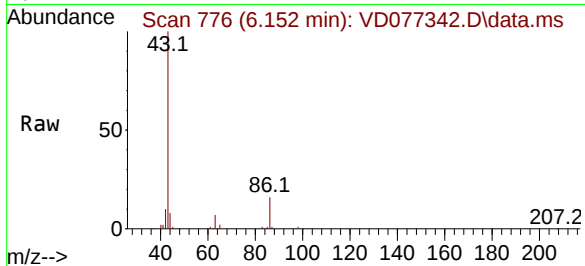




#23
 Vinyl Acetate
 Concen: 94.751 ug/l
 RT: 6.152 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: VD077342.D
 Acq: 17 Oct 2023 16:01

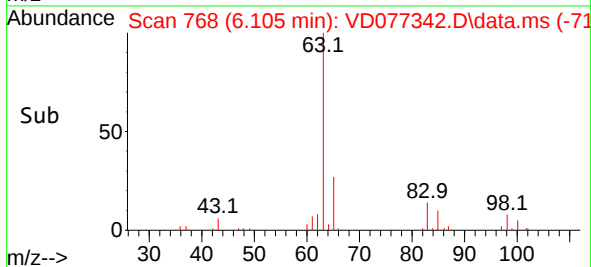
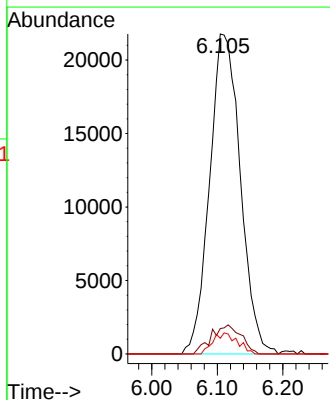
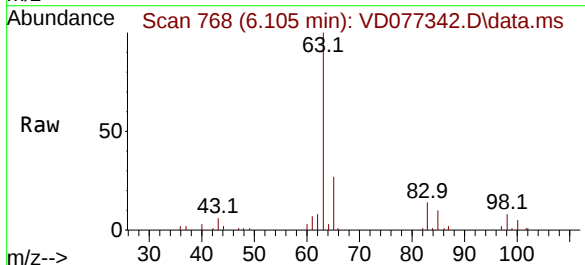
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

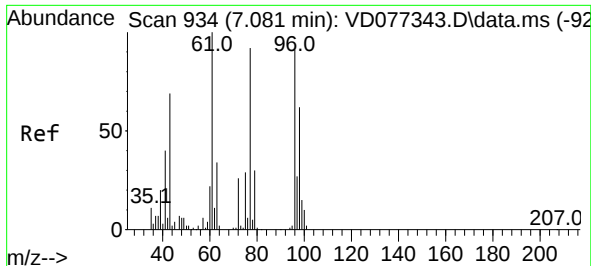
Tgt Ion: 43 Resp: 176596
 Ion Ratio Lower Upper
 43 100
 86 16.2 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 21.443 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.011 min
 Lab File: VD077342.D
 Acq: 17 Oct 2023 16:01

Tgt Ion: 63 Resp: 70906
 Ion Ratio Lower Upper
 63 100
 98 7.9 4.5 13.7
 100 4.9 2.5 7.5





#25

2-Butanone

Concen: 115.403 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD077342.D

Acq: 17 Oct 2023 16:01

Instrument :

MSVOA_D

ClientSampleId :

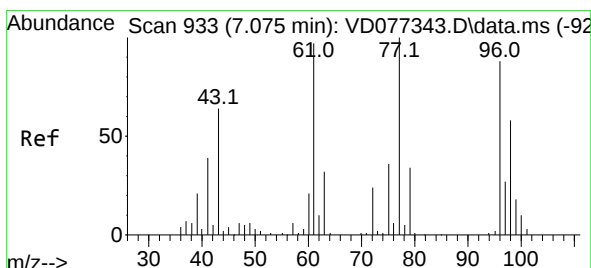
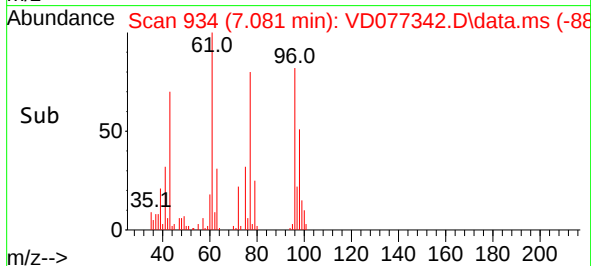
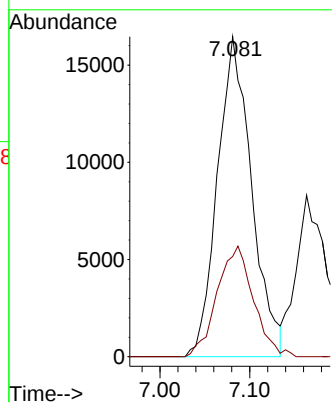
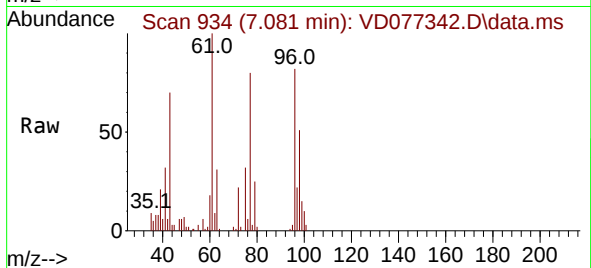
VSTDIC020

Tgt Ion: 43 Resp: 43471

Ion Ratio Lower Upper

43 100

72 31.3 30.7 46.1



#26

2,2-Dichloropropane

Concen: 20.330 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD077342.D

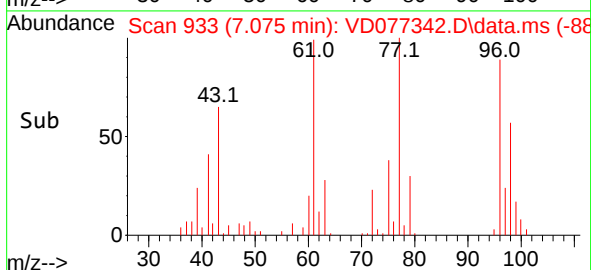
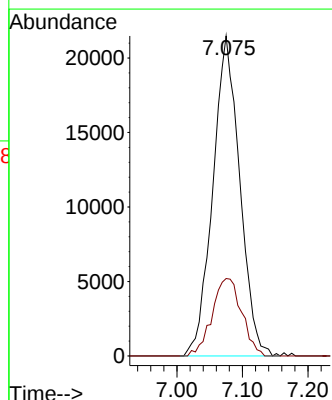
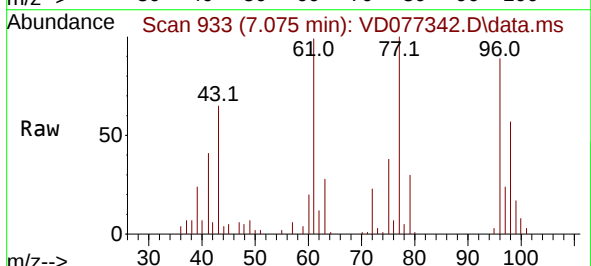
Acq: 17 Oct 2023 16:01

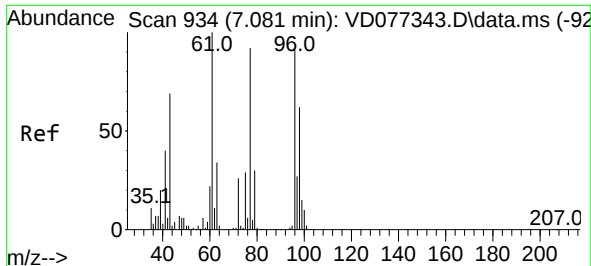
Tgt Ion: 77 Resp: 61295

Ion Ratio Lower Upper

77 100

97 26.6 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 21.109 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD077342.D

Acq: 17 Oct 2023 16:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

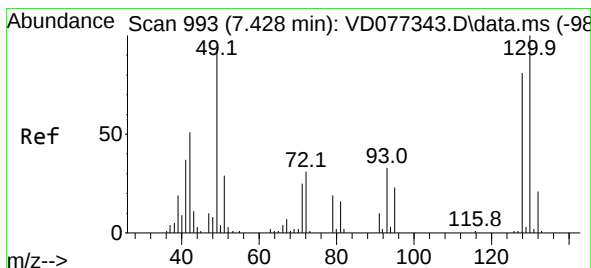
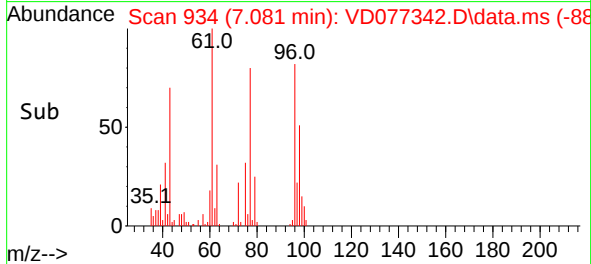
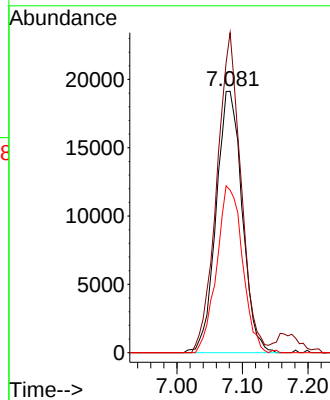
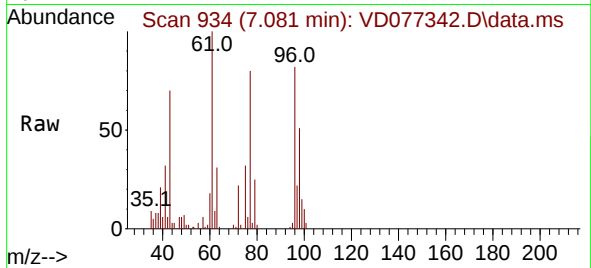
Tgt Ion: 96 Resp: 52564

Ion Ratio Lower Upper

96 100

61 114.0 0.0 239.2

98 63.2 0.0 128.6



#28

Bromochloromethane

Concen: 21.613 ug/l

RT: 7.422 min Scan# 992

Delta R.T. -0.006 min

Lab File: VD077342.D

Acq: 17 Oct 2023 16:01

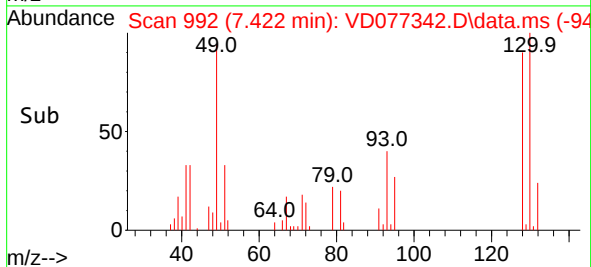
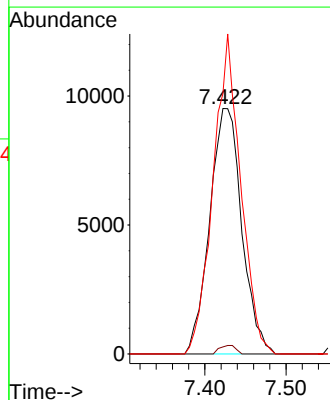
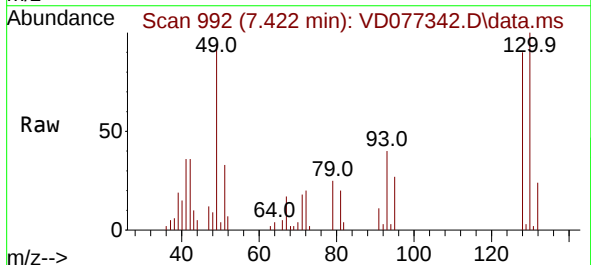
Tgt Ion: 49 Resp: 26106

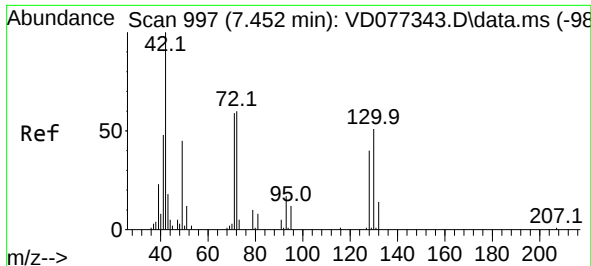
Ion Ratio Lower Upper

49 100

129 1.8 0.0 6.0

130 112.3 83.2 124.8

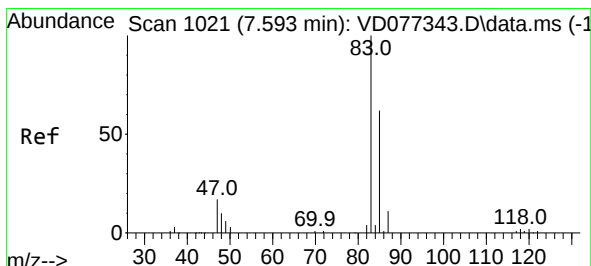
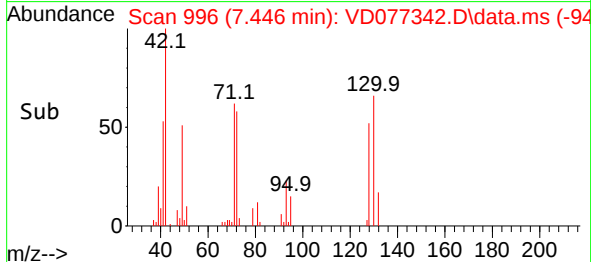
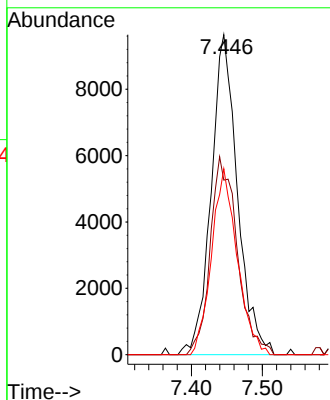
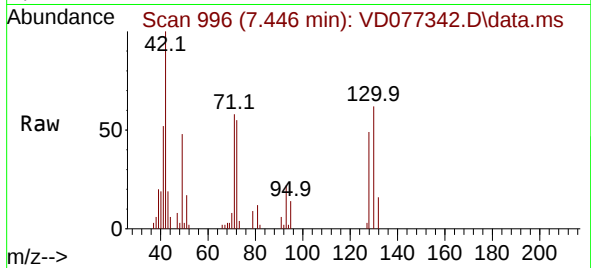




#29
Tetrahydrofuran
Concen: 114.016 ug/l
RT: 7.446 min Scan# 997
Delta R.T. -0.006 min
Lab File: VD077342.D
Acq: 17 Oct 2023 16:01

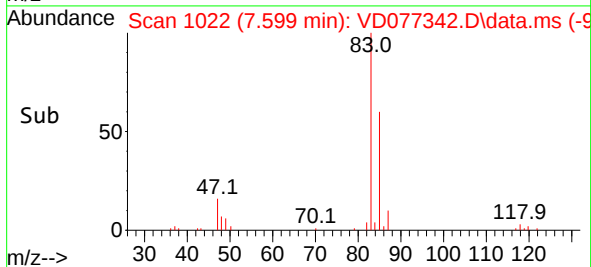
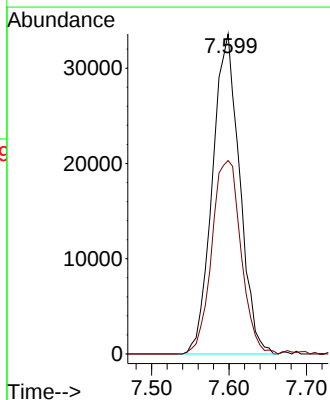
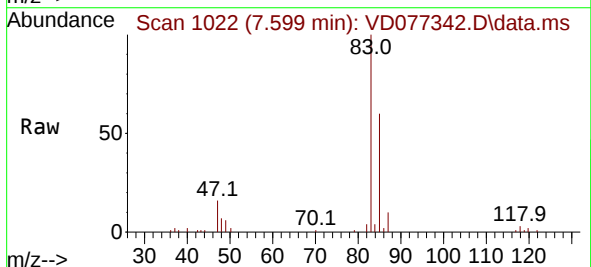
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

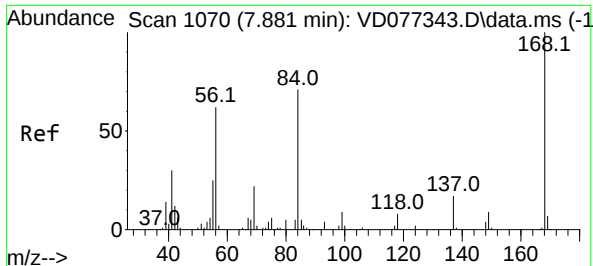
Tgt Ion:	42	Resp:	24775
Ion Ratio	Lower	Upper	
42	100		
72	63.5	46.5	69.7
71	56.8	44.5	66.7



#30
Chloroform
Concen: 21.583 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VD077342.D
Acq: 17 Oct 2023 16:01

Tgt Ion:	83	Resp:	81882
Ion Ratio	Lower	Upper	
83	100		
85	60.5	53.4	80.2





#31

Cyclohexane

Concen: 19.565 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VD077342.D

Acq: 17 Oct 2023 16:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

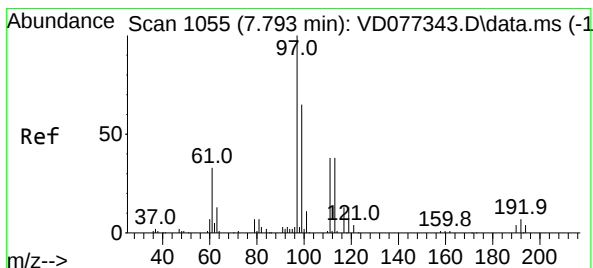
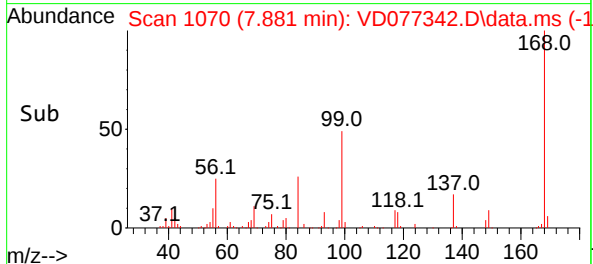
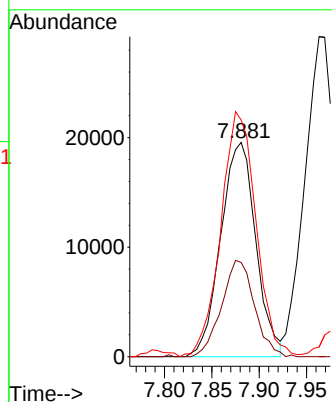
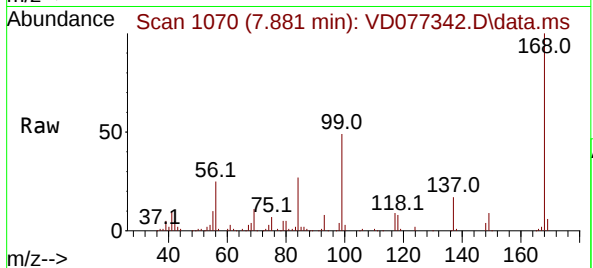
Tgt Ion: 56 Resp: 50408

Ion Ratio Lower Upper

56 100

69 44.0 28.6 43.0#

84 110.5 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 21.233 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD077342.D

Acq: 17 Oct 2023 16:01

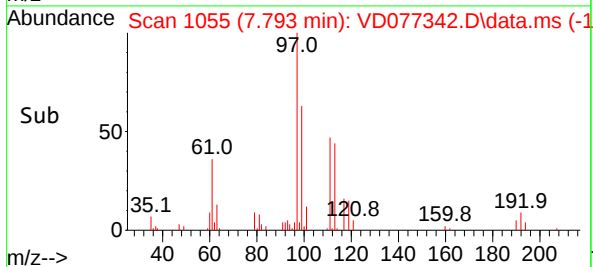
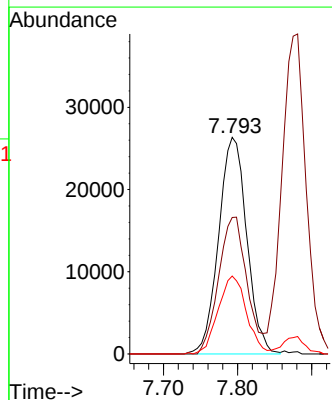
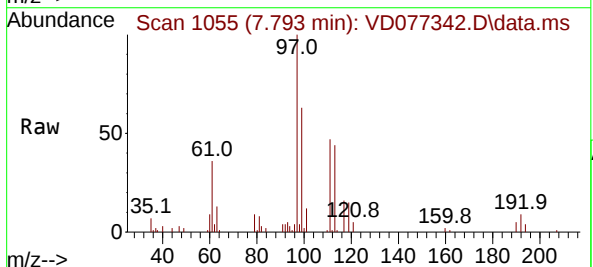
Tgt Ion: 97 Resp: 69497

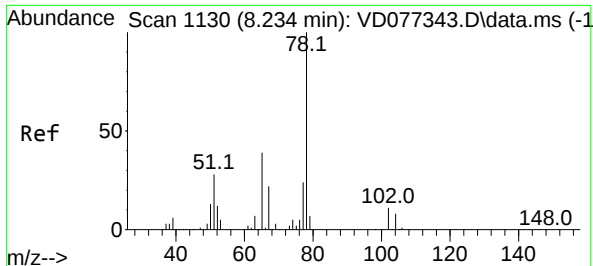
Ion Ratio Lower Upper

97 100

99 63.2 52.0 78.0

61 36.2 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 21.122 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD077342.D

Acq: 17 Oct 2023 16:01

Instrument :

MSVOA_D

ClientSampleId :

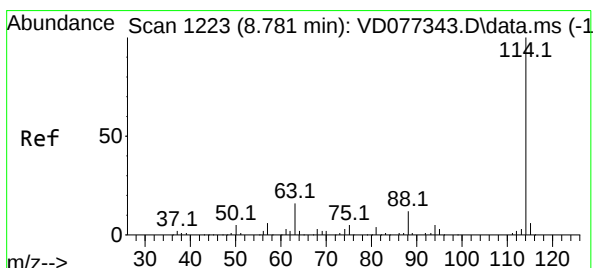
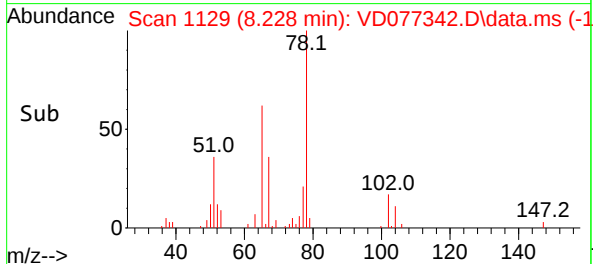
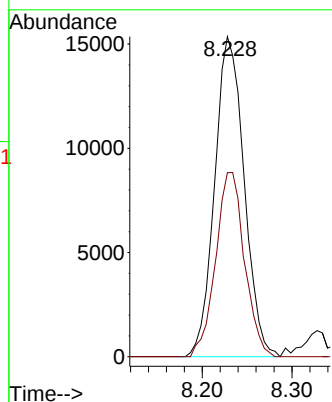
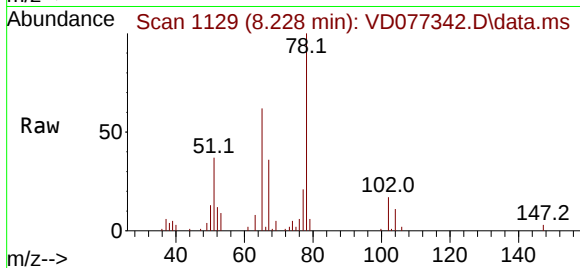
VSTDIC020

Tgt Ion: 65 Resp: 34978

Ion Ratio Lower Upper

65 100

67 56.4 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD077342.D

Acq: 17 Oct 2023 16:01

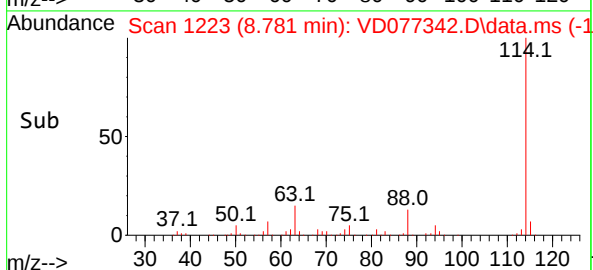
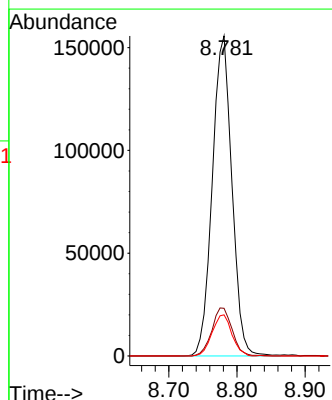
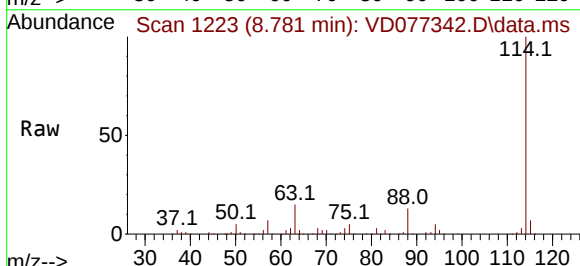
Tgt Ion: 114 Resp: 311445

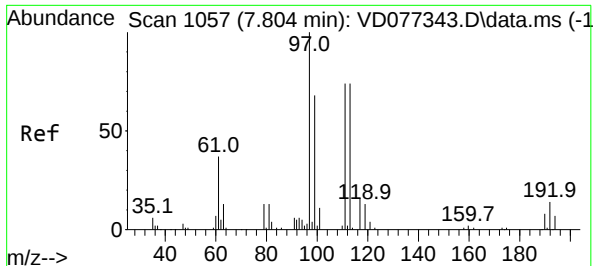
Ion Ratio Lower Upper

114 100

63 14.9 0.0 33.4

88 12.8 0.0 26.2

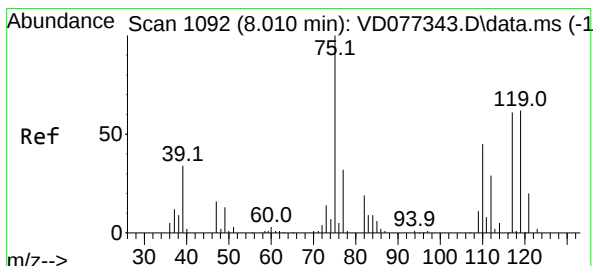
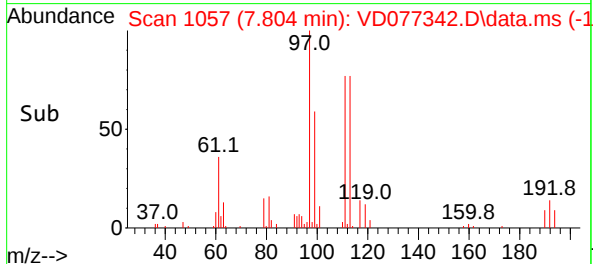
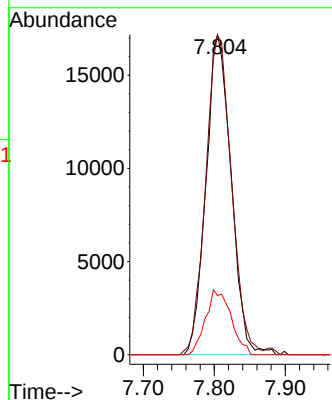
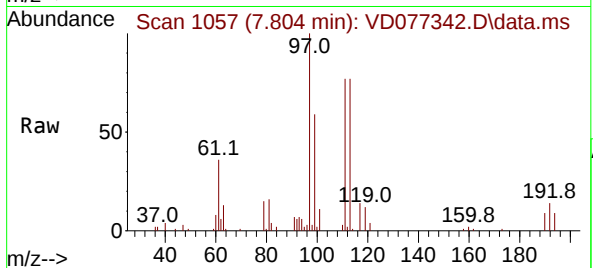




#35
Dibromofluoromethane
Concen: 19.305 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077342.D
Acq: 17 Oct 2023 16:01

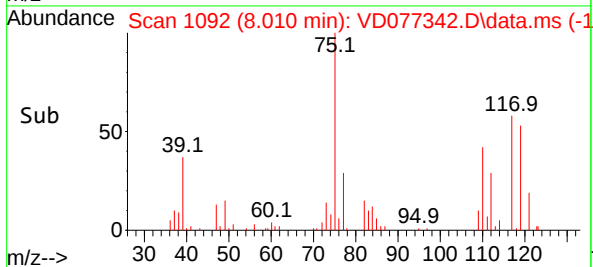
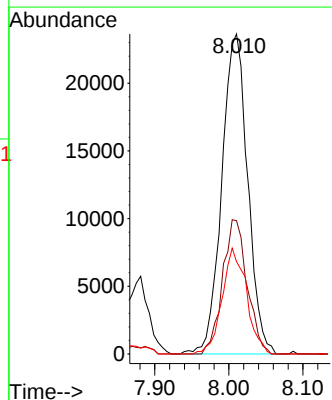
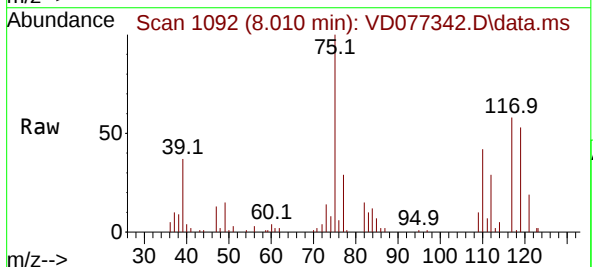
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

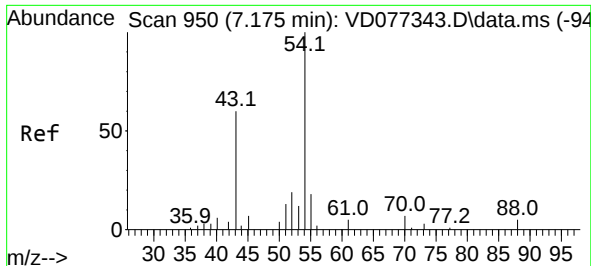
Tgt Ion:113 Resp: 42241
Ion Ratio Lower Upper
113 100
111 102.2 84.7 127.1
192 20.5 16.8 25.2



#36
1,1-Dichloropropene
Concen: 19.973 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD077342.D
Acq: 17 Oct 2023 16:01

Tgt Ion: 75 Resp: 57424
Ion Ratio Lower Upper
75 100
110 39.8 19.9 59.6
77 31.2 24.7 37.1





#37

Ethyl Acetate

Concen: 21.732 ug/l

RT: 7.163 min Scan# 94

Delta R.T. -0.012 min

Lab File: VD077342.D

Acq: 17 Oct 2023 16:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

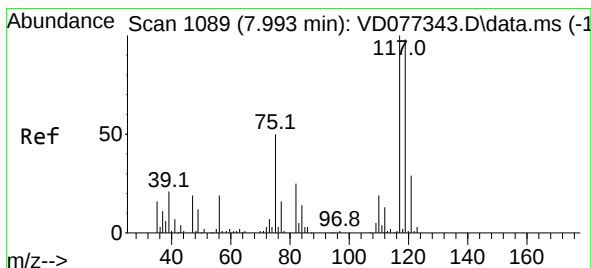
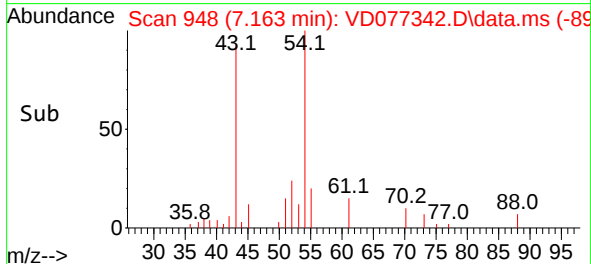
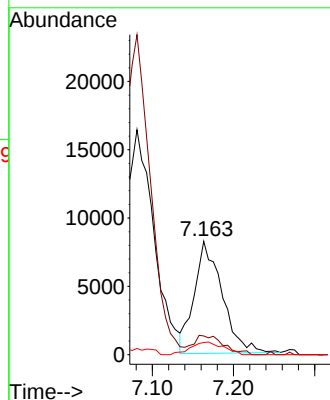
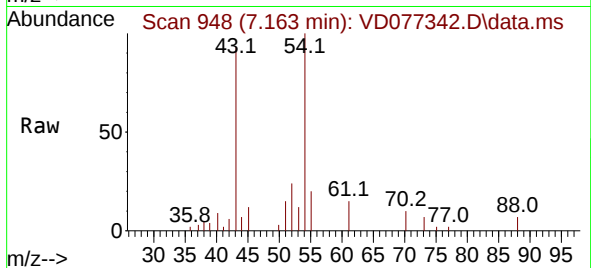
Tgt Ion: 43 Resp: 19626

Ion Ratio Lower Upper

43 100

61 18.5 14.9 22.3

70 13.0 10.0 15.0



#38

Carbon Tetrachloride

Concen: 19.519 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD077342.D

Acq: 17 Oct 2023 16:01

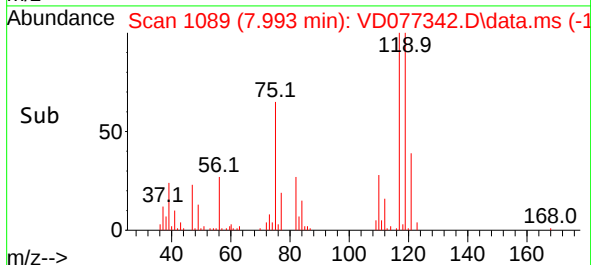
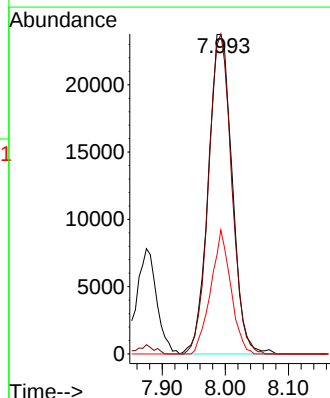
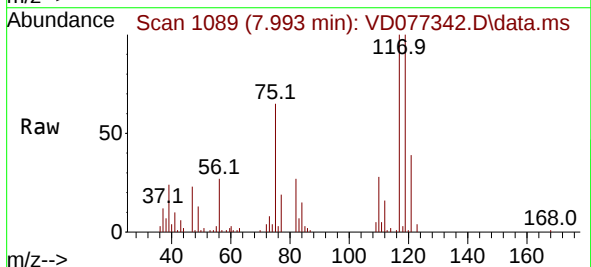
Tgt Ion:117 Resp: 62427

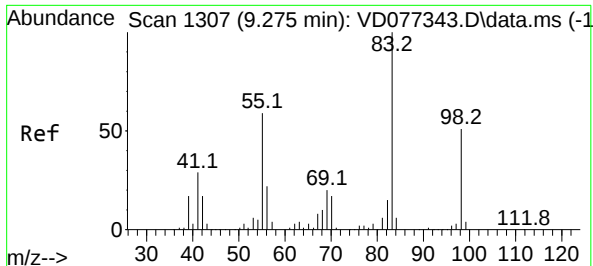
Ion Ratio Lower Upper

117 100

119 100.1 78.0 117.0

121 38.7 24.2 36.2#





#39

Methylcyclohexane

Concen: 18.100 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD077342.D

Acq: 17 Oct 2023 16:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

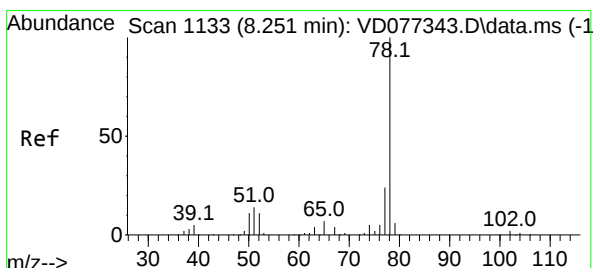
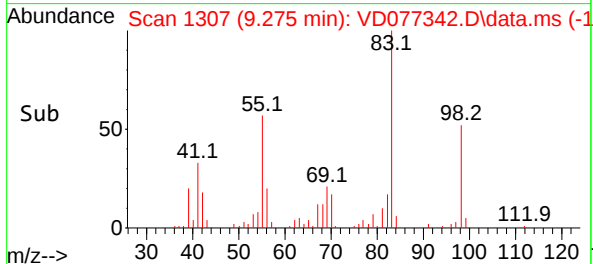
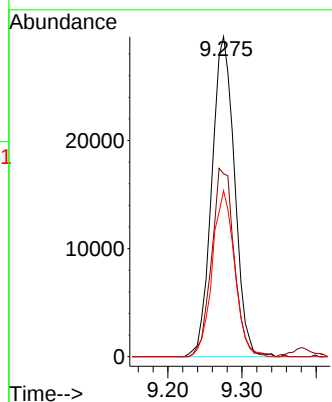
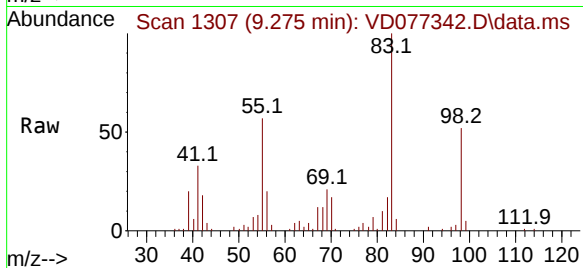
Tgt Ion: 83 Resp: 63232

Ion Ratio Lower Upper

83 100

55 57.2 49.4 74.0

98 51.9 38.4 57.6



#40

Benzene

Concen: 20.184 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.001 min

Lab File: VD077342.D

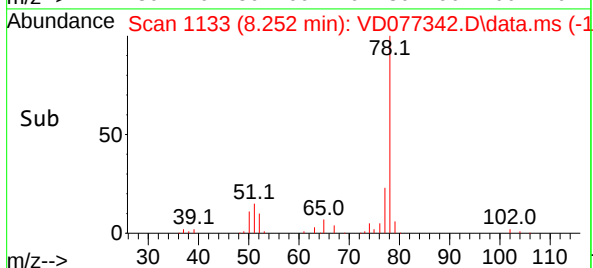
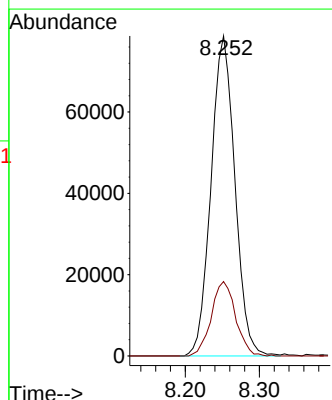
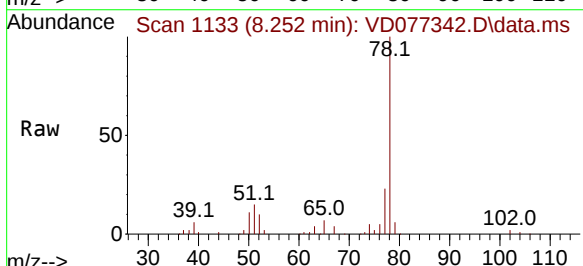
Acq: 17 Oct 2023 16:01

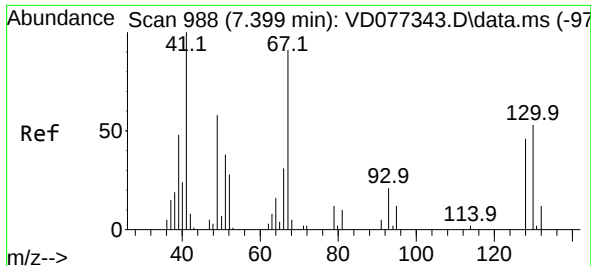
Tgt Ion: 78 Resp: 176102

Ion Ratio Lower Upper

78 100

77 23.3 19.4 29.0

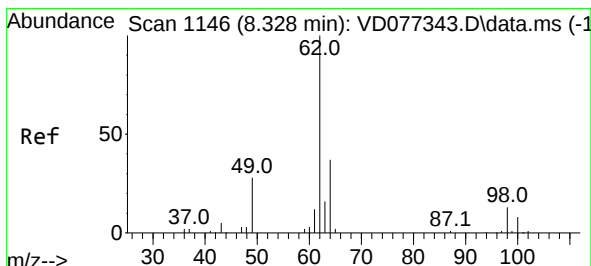
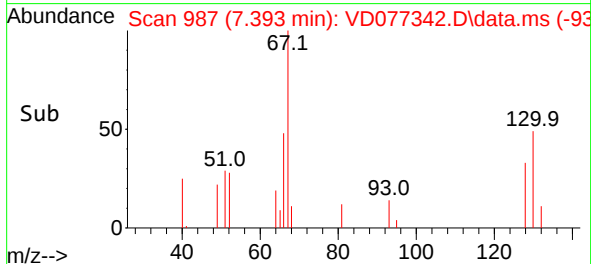
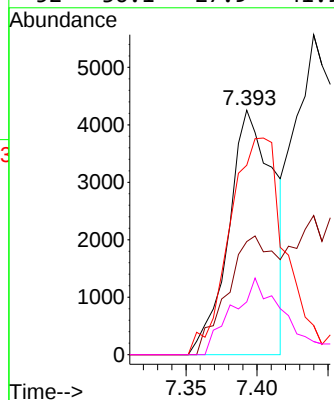
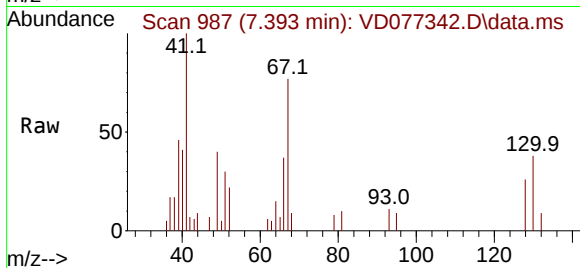




#41
Methacrylonitrile
Concen: 21.745 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD077342.D
Acq: 17 Oct 2023 16:01

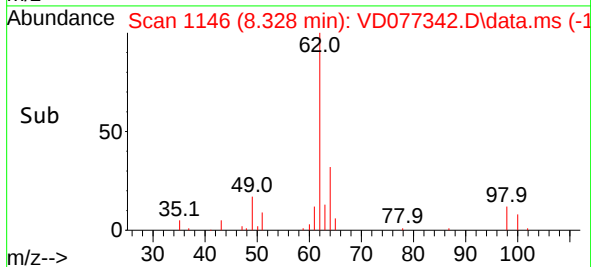
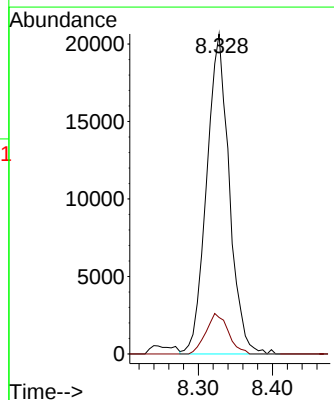
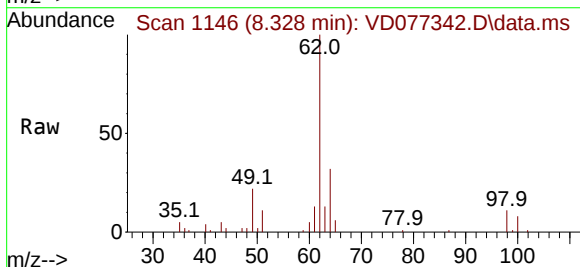
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

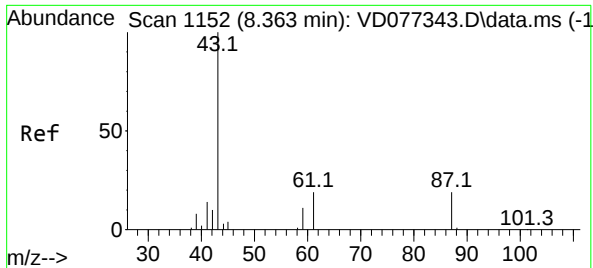
Tgt Ion:	41	Resp:	9372
Ion	Ratio	Lower	Upper
41	100		
39	52.9	34.0	51.0#
67	110.8	77.0	115.4
52	36.1	27.9	41.9



#42
1,2-Dichloroethane
Concen: 21.282 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD077342.D
Acq: 17 Oct 2023 16:01

Tgt Ion:	62	Resp:	43737
Ion	Ratio	Lower	Upper
62	100		
98	12.5	0.0	25.4

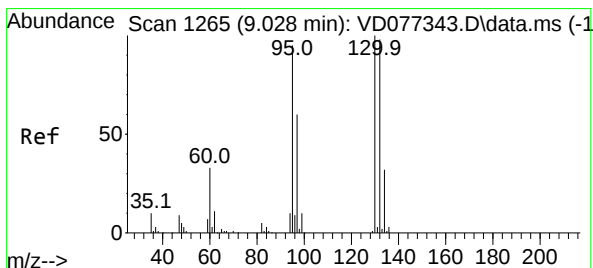
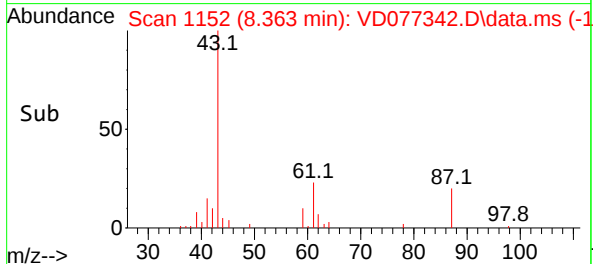
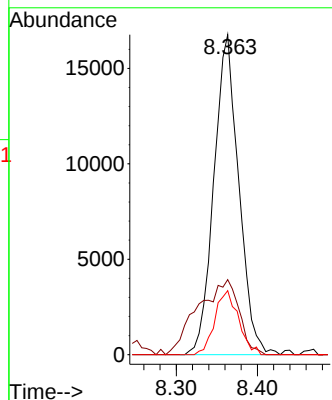
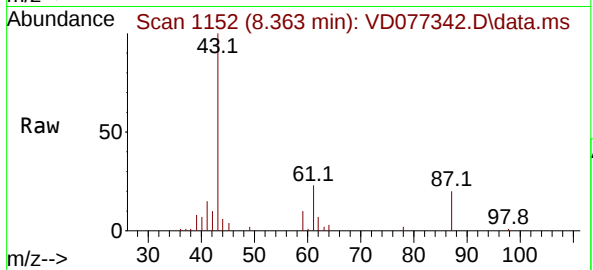




#43
Isopropyl Acetate
Concen: 21.973 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD077342.D
Acq: 17 Oct 2023 16:01

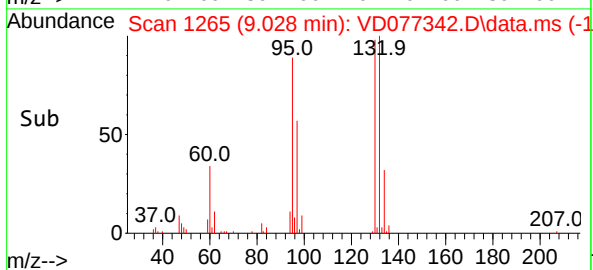
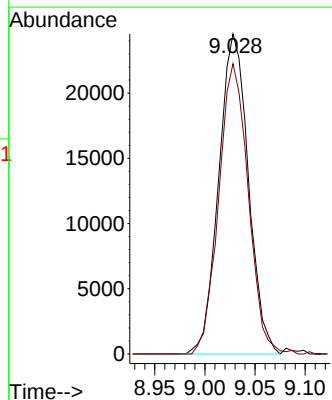
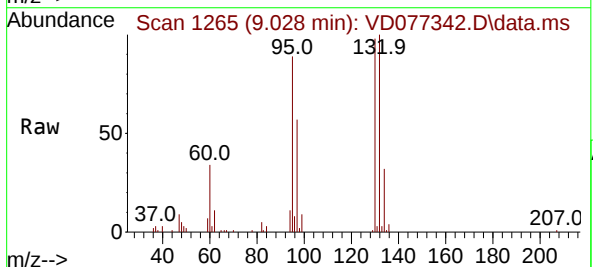
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

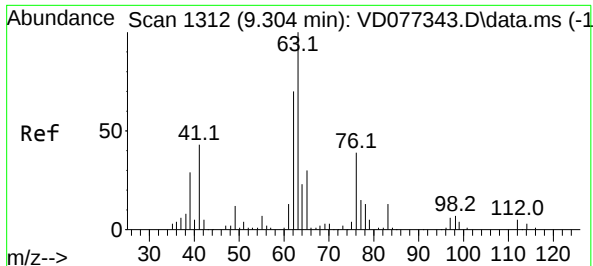
Tgt Ion: 43 Resp: 35724
Ion Ratio Lower Upper
43 100
61 39.0 31.4 47.0
87 19.0 14.9 22.3



#44
Trichloroethene
Concen: 19.690 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD077342.D
Acq: 17 Oct 2023 16:01

Tgt Ion:130 Resp: 50226
Ion Ratio Lower Upper
130 100
95 90.7 0.0 179.2





#45

1,2-Dichloropropane

Concen: 20.564 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077342.D

Acq: 17 Oct 2023 16:01

Instrument :

MSVOA_D

ClientSampleId :

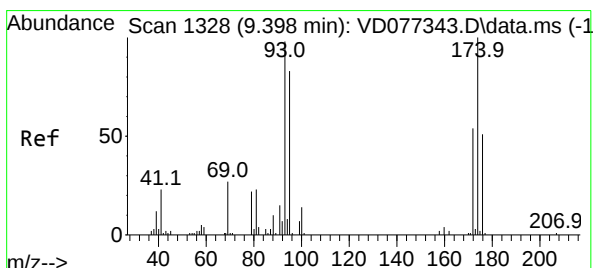
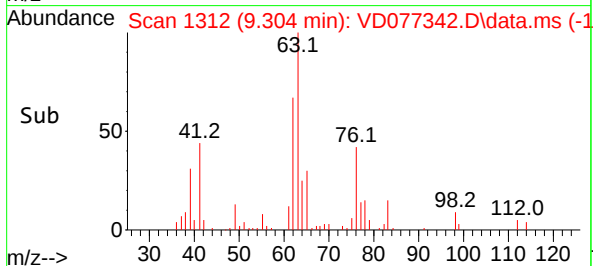
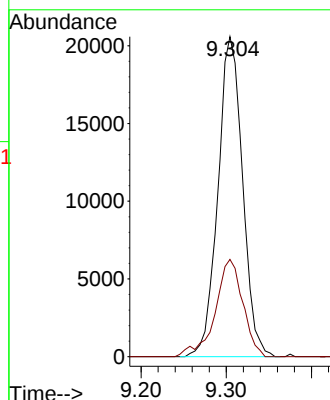
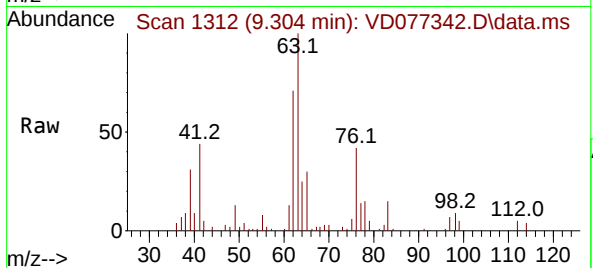
VSTDIC020

Tgt Ion: 63 Resp: 41358

Ion Ratio Lower Upper

63 100

65 30.4 24.5 36.7



#46

Dibromomethane

Concen: 21.139 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.005 min

Lab File: VD077342.D

Acq: 17 Oct 2023 16:01

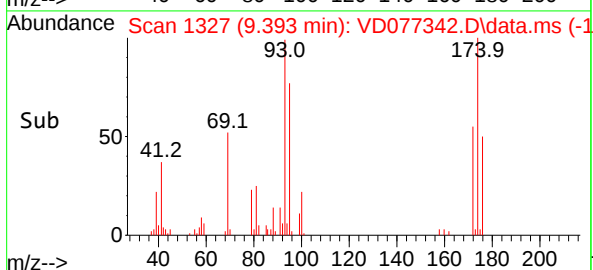
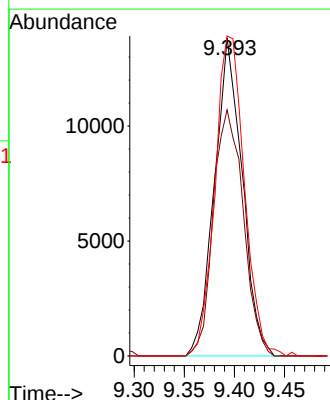
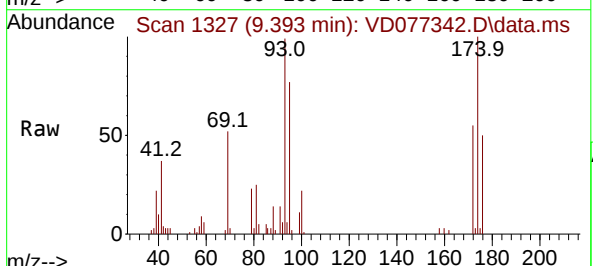
Tgt Ion: 93 Resp: 26580

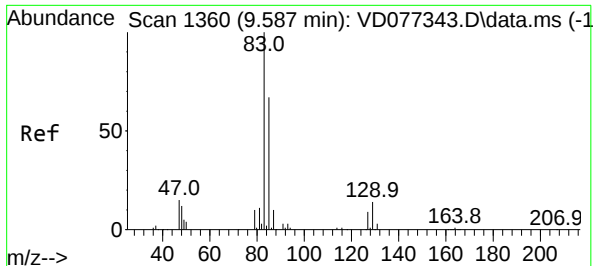
Ion Ratio Lower Upper

93 100

95 83.8 67.7 101.5

174 106.6 85.4 128.2





#47

Bromodichloromethane

Concen: 20.907 ug/l

RT: 9.587 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD077342.D

Acq: 17 Oct 2023 16:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

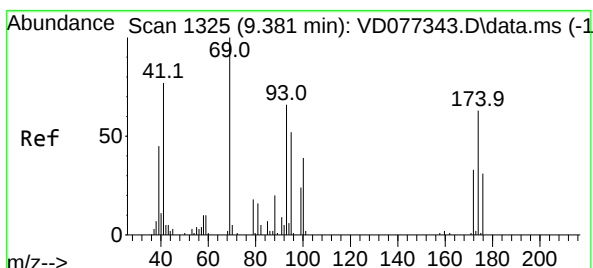
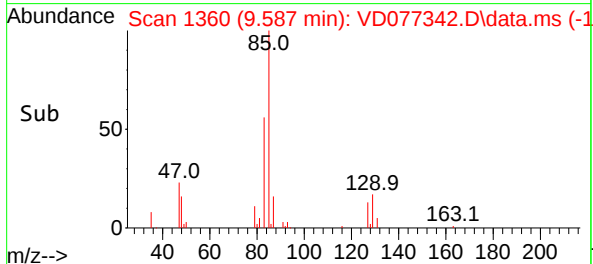
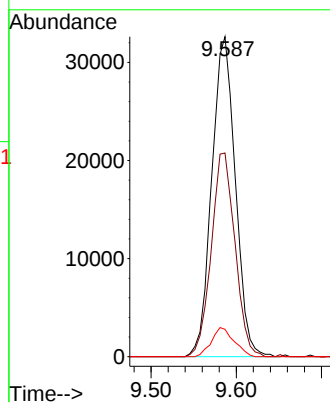
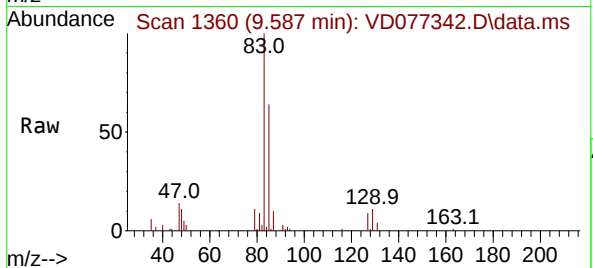
Tgt Ion: 83 Resp: 62683

Ion Ratio Lower Upper

83 100

85 63.7 50.2 75.4

127 8.6 6.3 9.5



#48

Methyl methacrylate

Concen: 19.992 ug/l

RT: 9.375 min Scan# 1324

Delta R.T. -0.006 min

Lab File: VD077342.D

Acq: 17 Oct 2023 16:01

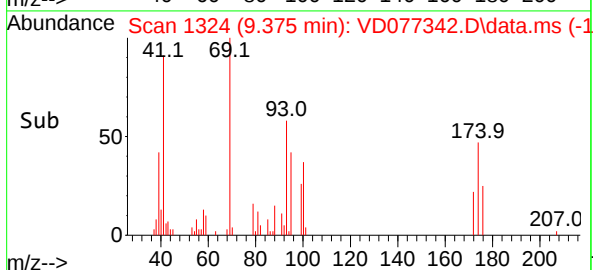
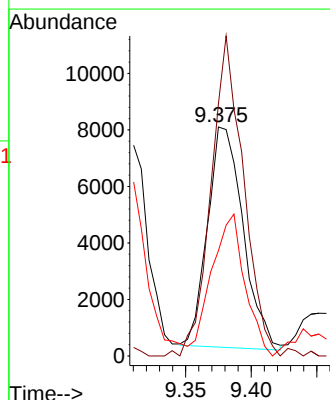
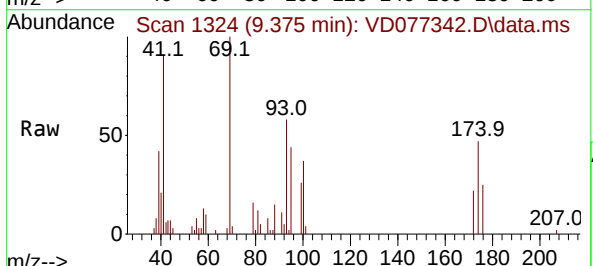
Tgt Ion: 41 Resp: 14704

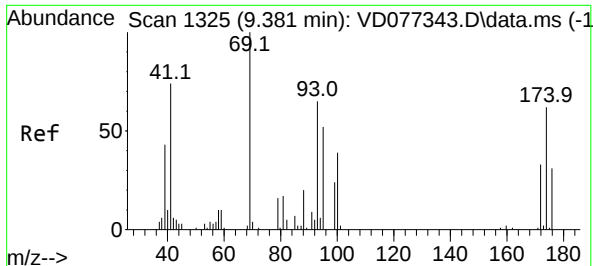
Ion Ratio Lower Upper

41 100

69 132.3 102.2 153.2

39 60.2 41.4 62.2





#49

1,4-Dioxane

Concen: 385.433 ug/l

RT: 9.393 min Scan# 1

Delta R.T. 0.012 min

Lab File: VD077342.D

Acq: 17 Oct 2023 16:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

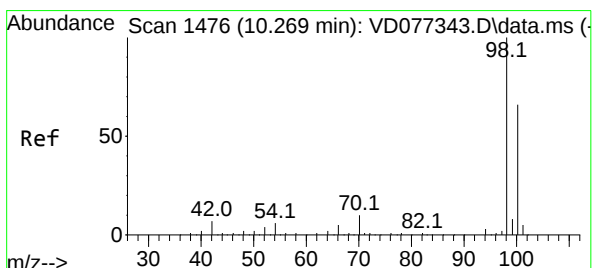
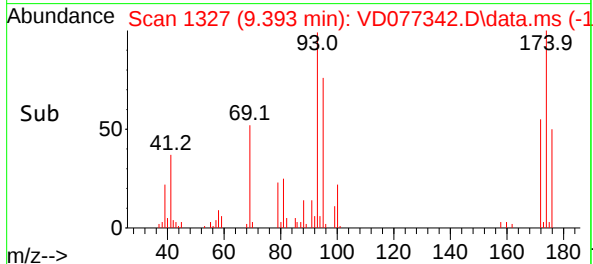
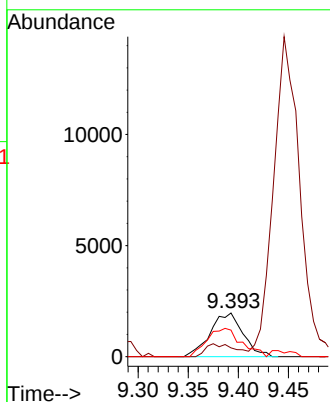
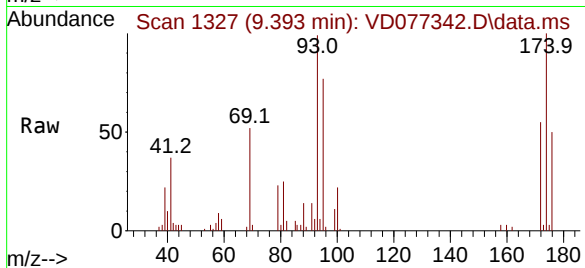
Tgt Ion: 88 Resp: 4470

Ion Ratio Lower Upper

88 100

43 27.4 19.0 28.6

58 67.6 43.5 65.3#



#50

Toluene-d8

Concen: 20.057 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077342.D

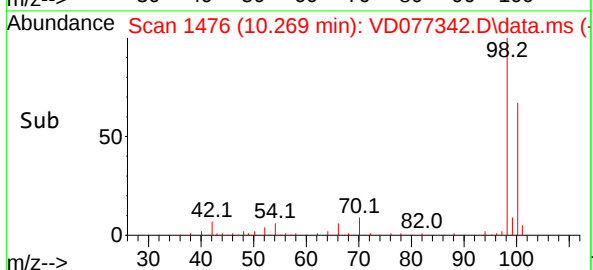
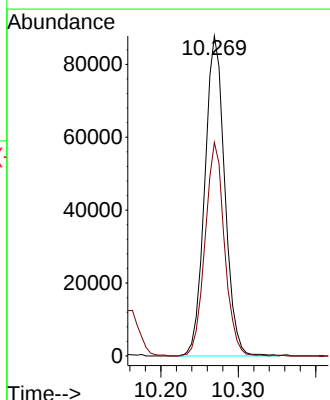
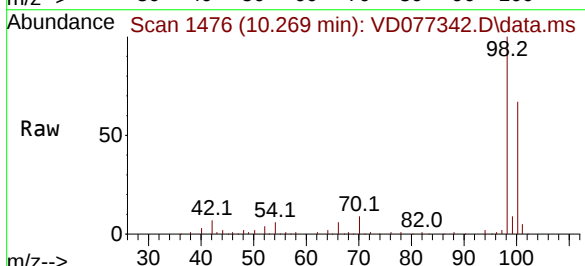
Acq: 17 Oct 2023 16:01

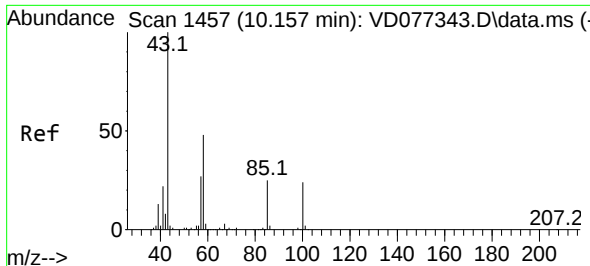
Tgt Ion: 98 Resp: 157170

Ion Ratio Lower Upper

98 100

100 65.0 50.3 75.5

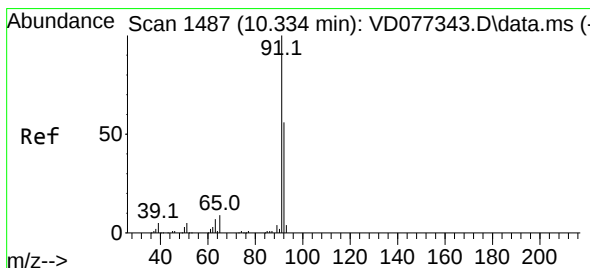
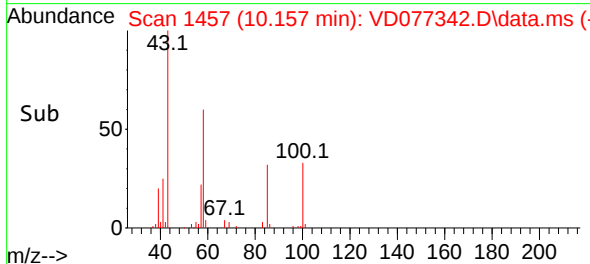
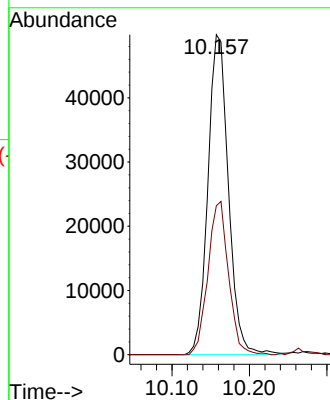
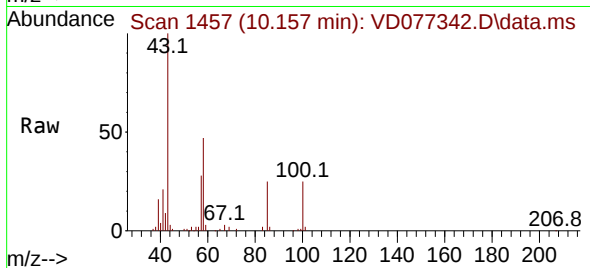




#51
4-Methyl-2-Pentanone
Concen: 112.528 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077342.D
Acq: 17 Oct 2023 16:01

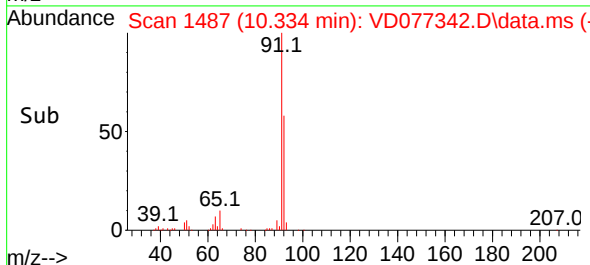
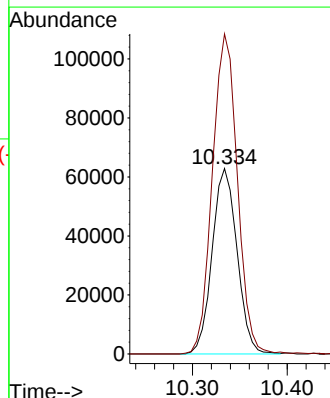
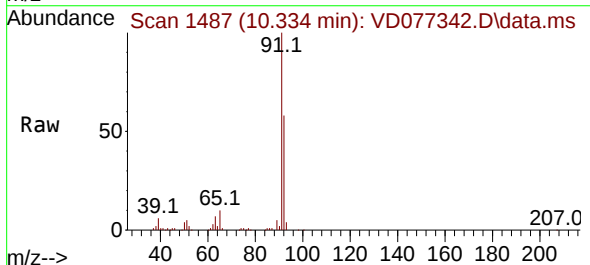
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

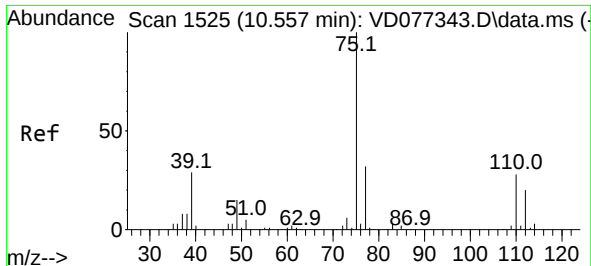
Tgt Ion: 43 Resp: 91709
Ion Ratio Lower Upper
43 100
58 48.0 38.9 58.3



#52
Toluene
Concen: 20.137 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077342.D
Acq: 17 Oct 2023 16:01

Tgt Ion: 92 Resp: 114713
Ion Ratio Lower Upper
92 100
91 174.0 143.0 214.4

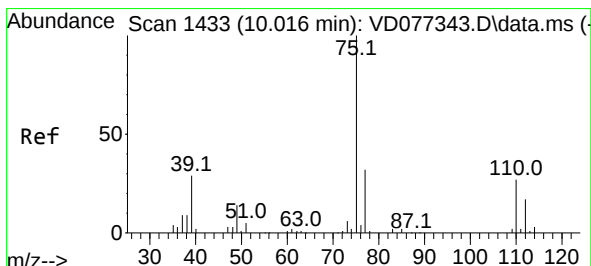
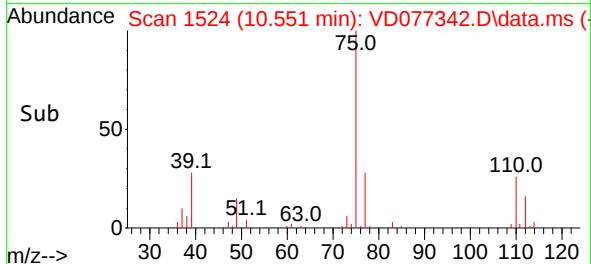
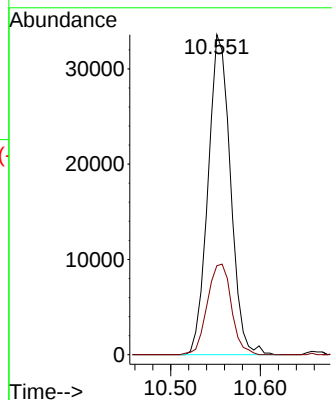
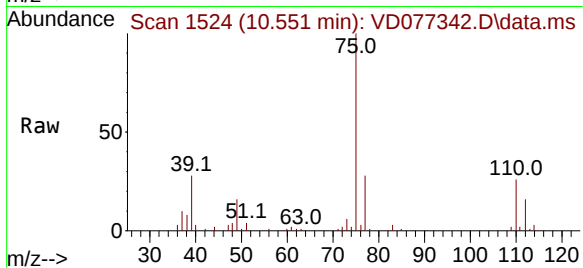




#53
 t-1,3-Dichloropropene
 Concen: 21.633 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VD077342.D
 Acq: 17 Oct 2023 16:01

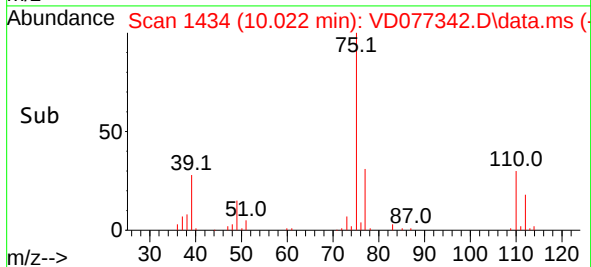
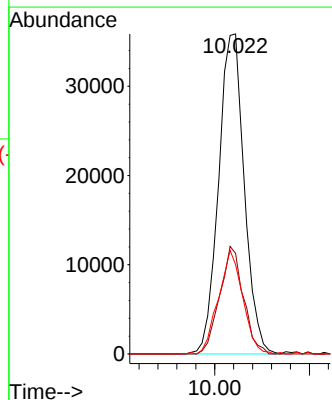
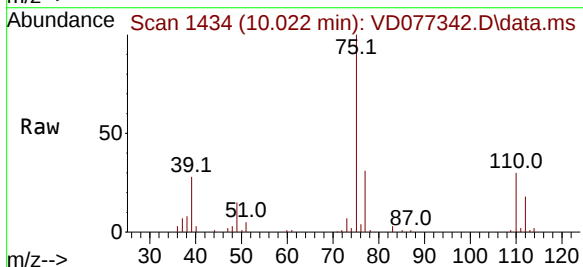
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

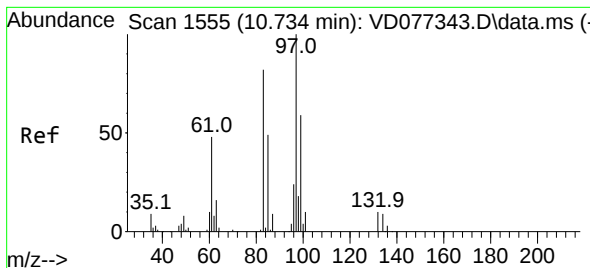
Tgt Ion: 75 Resp: 58221
 Ion Ratio Lower Upper
 75 100
 77 27.8 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 20.506 ug/l
 RT: 10.022 min Scan# 1434
 Delta R.T. 0.006 min
 Lab File: VD077342.D
 Acq: 17 Oct 2023 16:01

Tgt Ion: 75 Resp: 67523
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.5 38.3
 39 28.0 22.1 33.1

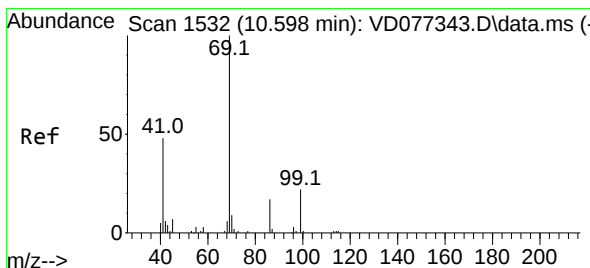
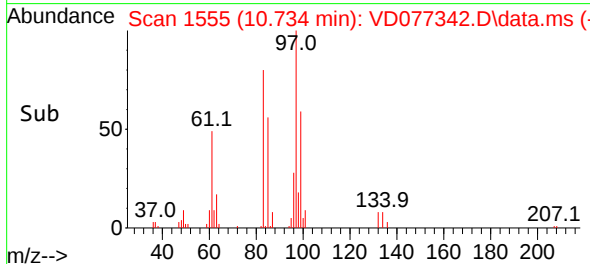
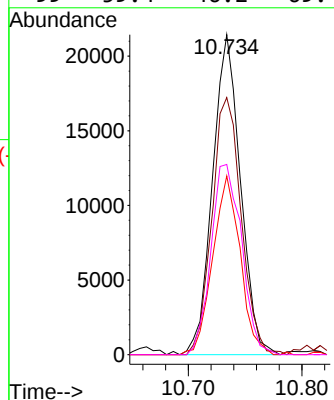
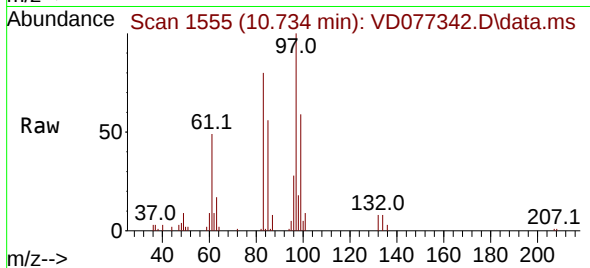




#55
1,1,2-Trichloroethane
Concen: 20.992 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077342.D
Acq: 17 Oct 2023 16:01

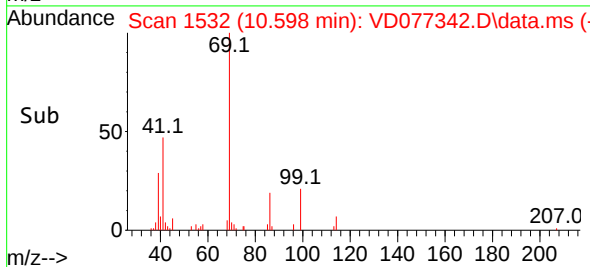
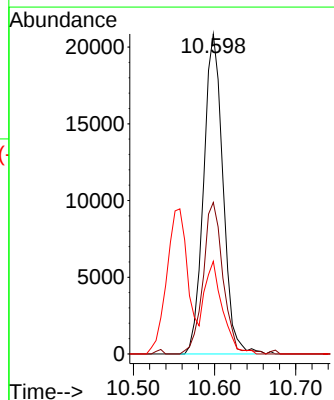
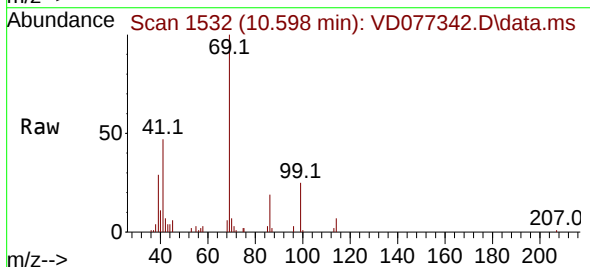
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

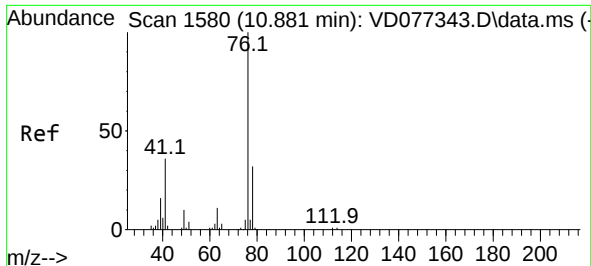
Tgt Ion: 97	Resp: 36558
Ion Ratio	Lower Upper
97 100	
83 80.4	65.8 98.6
85 55.9	45.7 68.5
99 59.4	46.2 69.4



#56
Ethyl methacrylate
Concen: 20.742 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077342.D
Acq: 17 Oct 2023 16:01

Tgt Ion: 69	Resp: 34521
Ion Ratio	Lower Upper
69 100	
41 49.0	39.1 58.7
39 26.8	20.0 30.0





#57

1,3-Dichloropropane

Concen: 21.190 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD077342.D

Acq: 17 Oct 2023 16:01

Instrument :

MSVOA_D

ClientSampleId :

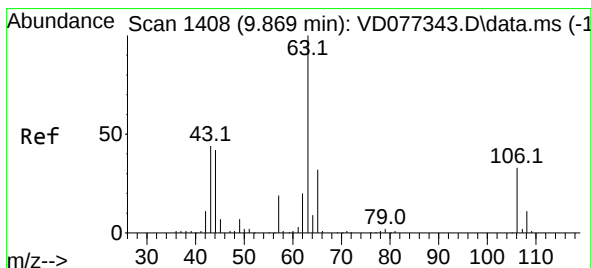
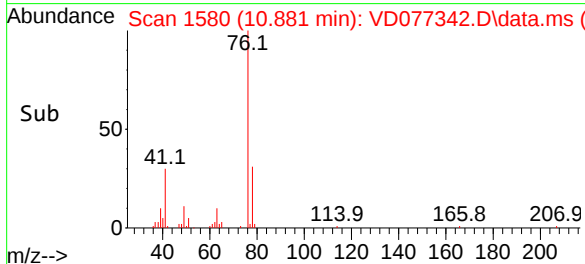
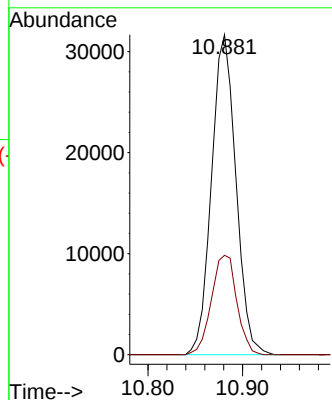
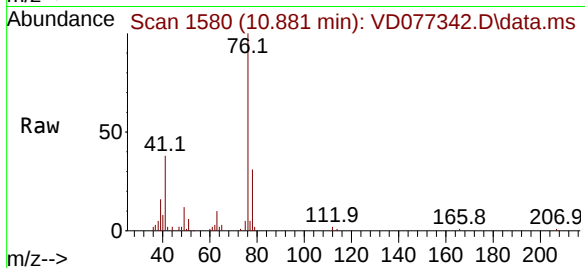
VSTDIC020

Tgt Ion: 76 Resp: 56688

Ion Ratio Lower Upper

76 100

78 32.4 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 107.578 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077342.D

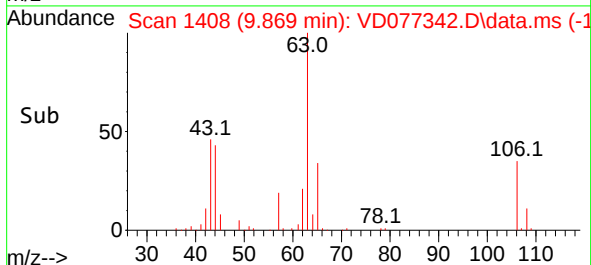
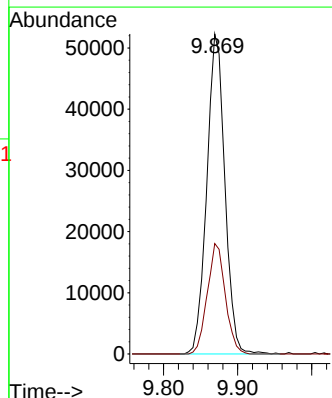
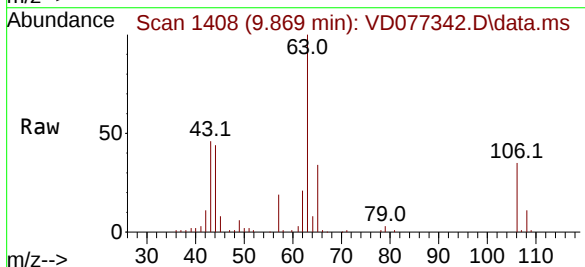
Acq: 17 Oct 2023 16:01

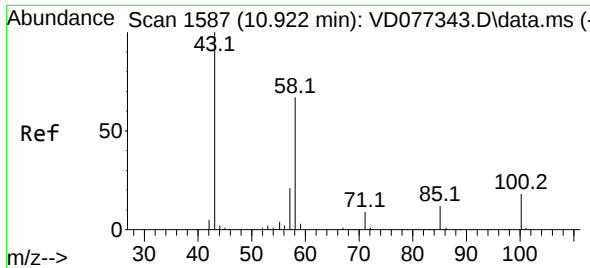
Tgt Ion: 63 Resp: 88543

Ion Ratio Lower Upper

63 100

106 34.4 25.3 37.9

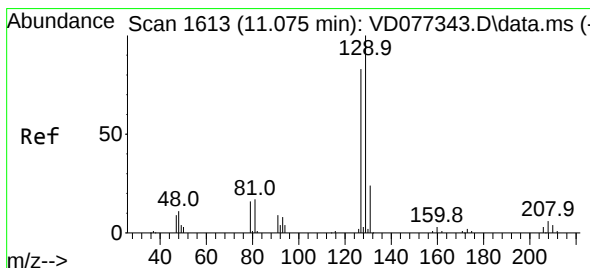
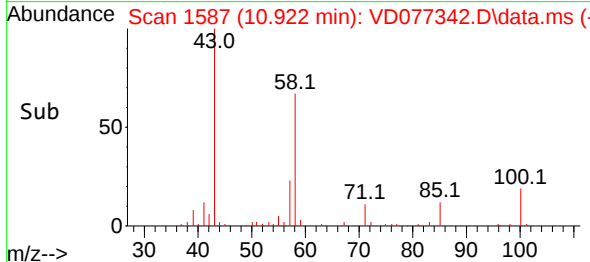
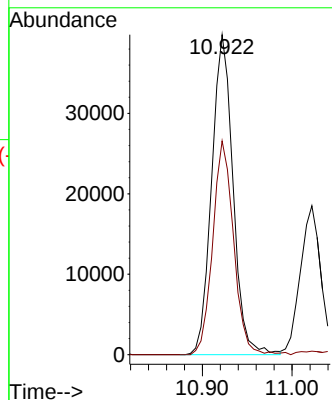
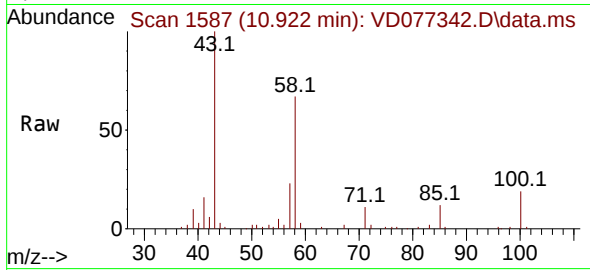




#59
2-Hexanone
Concen: 112.297 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077342.D
Acq: 17 Oct 2023 16:01

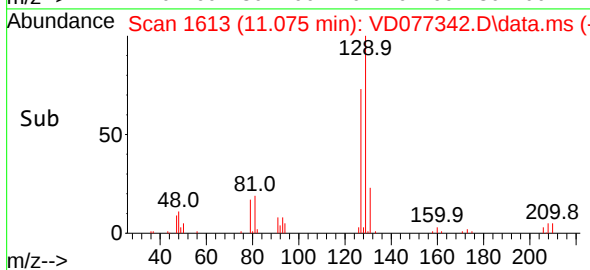
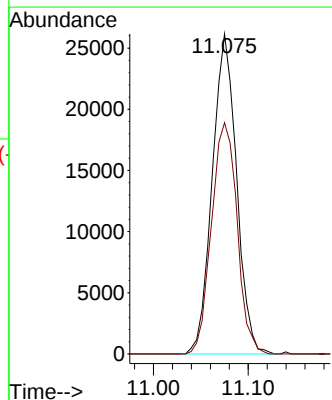
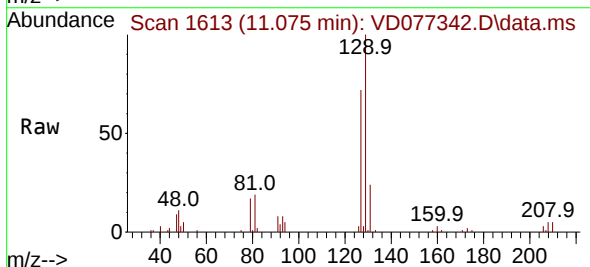
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

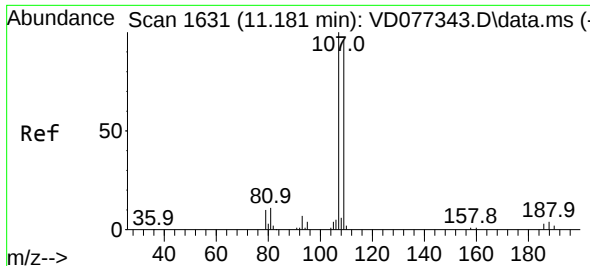
Tgt Ion: 43 Resp: 65732
Ion Ratio Lower Upper
43 100
58 65.4 34.1 102.2



#60
Dibromochloromethane
Concen: 20.922 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077342.D
Acq: 17 Oct 2023 16:01

Tgt Ion: 129 Resp: 46524
Ion Ratio Lower Upper
129 100
127 76.2 37.1 111.5

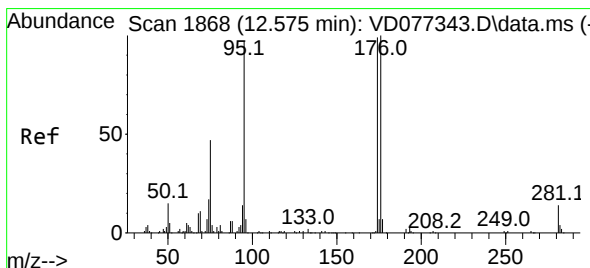
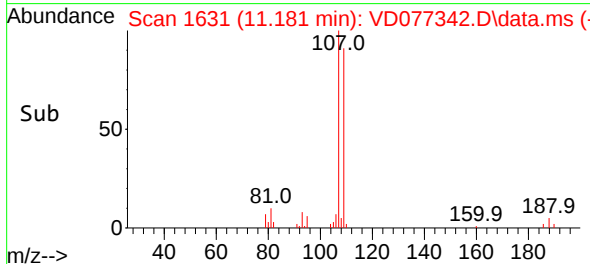
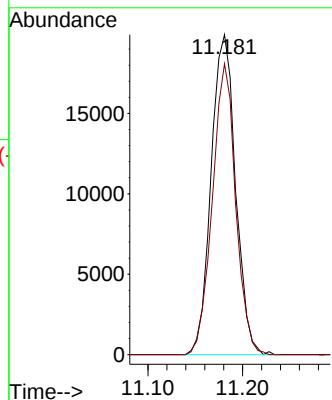
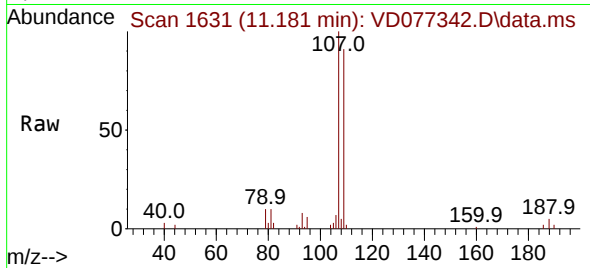




#61
1,2-Dibromoethane
Concen: 21.718 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077342.D
Acq: 17 Oct 2023 16:01

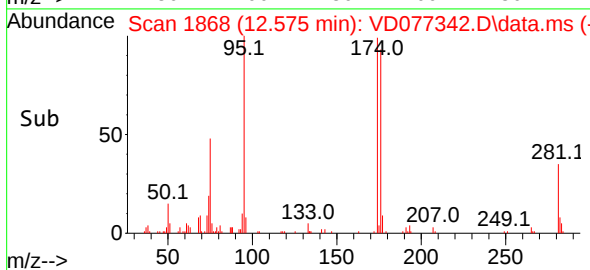
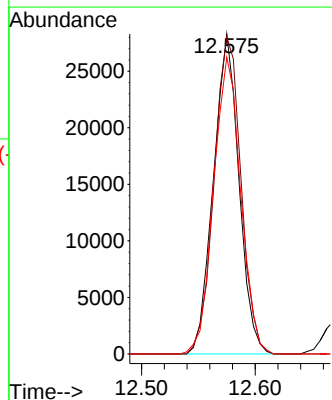
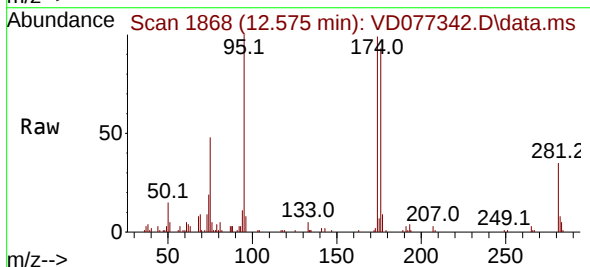
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

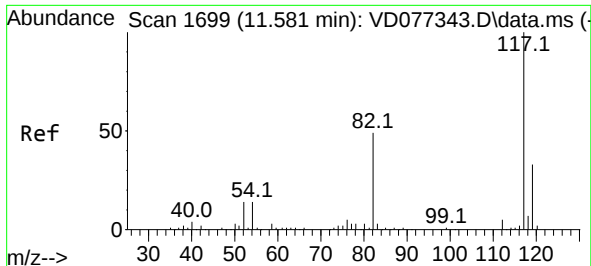
Tgt Ion:107 Resp: 35640
Ion Ratio Lower Upper
107 100
109 86.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 19.534 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077342.D
Acq: 17 Oct 2023 16:01

Tgt Ion: 95 Resp: 44063
Ion Ratio Lower Upper
95 100
174 104.5 0.0 201.8
176 99.1 0.0 191.8

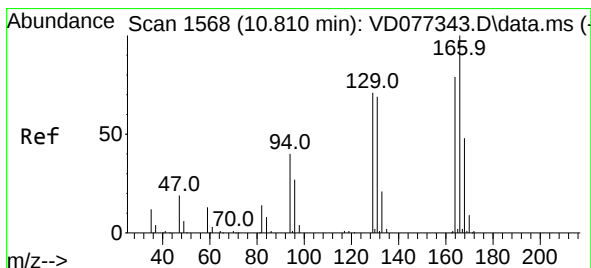
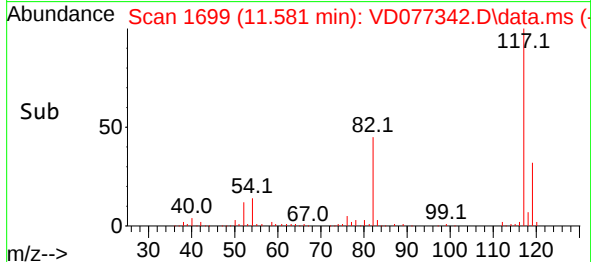
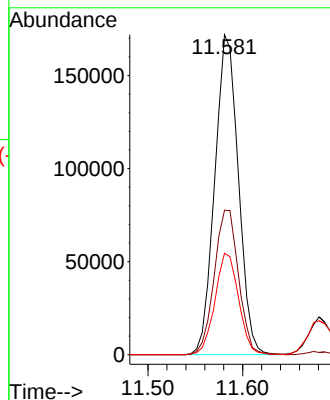
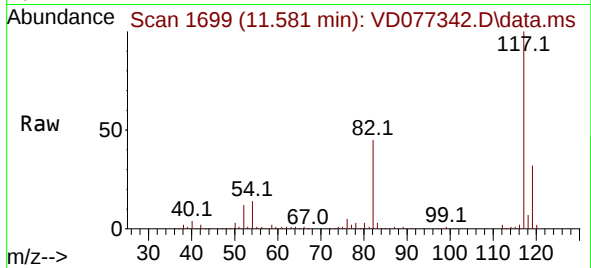




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD077342.D
Acq: 17 Oct 2023 16:01

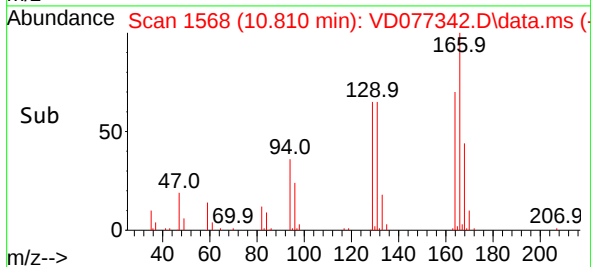
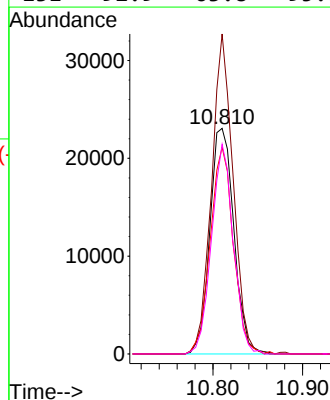
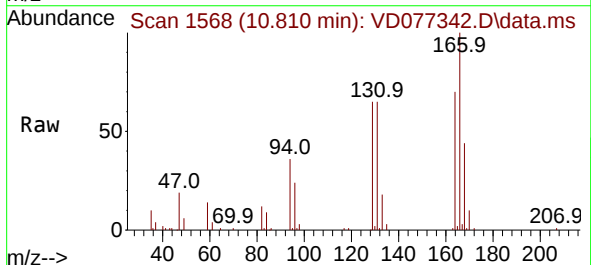
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

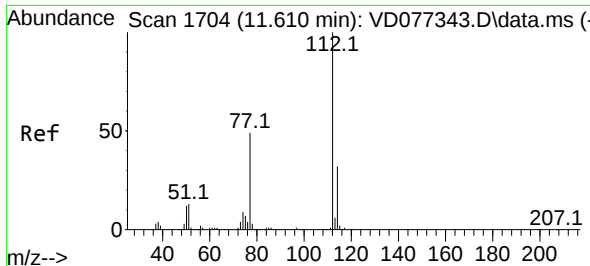
Tgt Ion:117 Resp: 298682
Ion Ratio Lower Upper
117 100
82 45.1 38.3 57.5
119 31.7 25.0 37.4



#64
Tetrachloroethene
Concen: 19.319 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077342.D
Acq: 17 Oct 2023 16:01

Tgt Ion:164 Resp: 42888
Ion Ratio Lower Upper
164 100
166 141.9 99.2 148.8
129 91.7 68.4 102.6
131 92.9 63.8 95.8

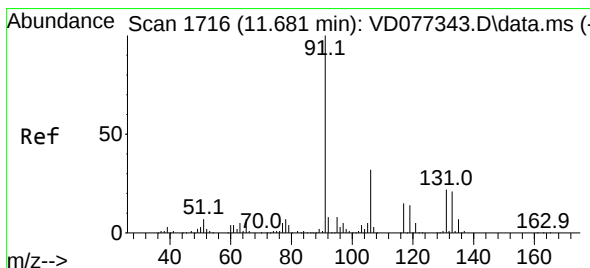
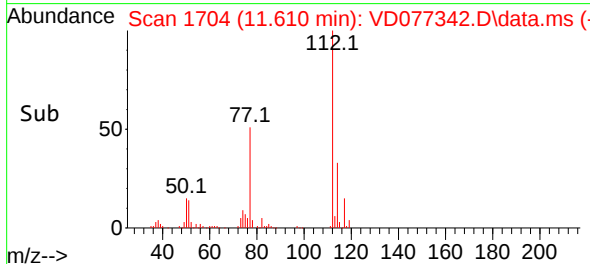
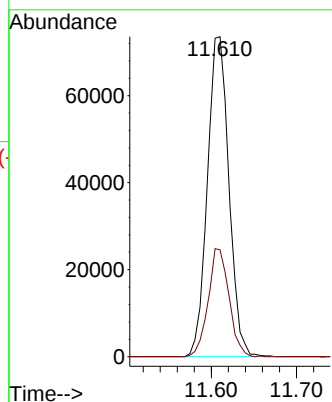
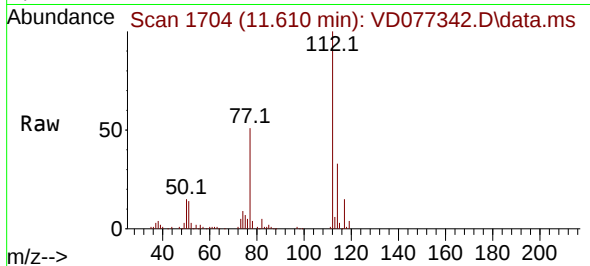




#65
Chlorobenzene
Concen: 19.835 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD077342.D
Acq: 17 Oct 2023 16:01

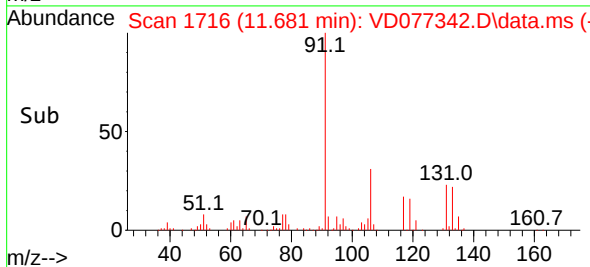
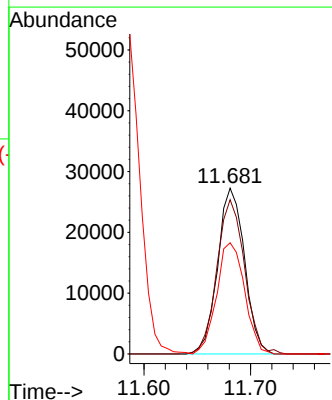
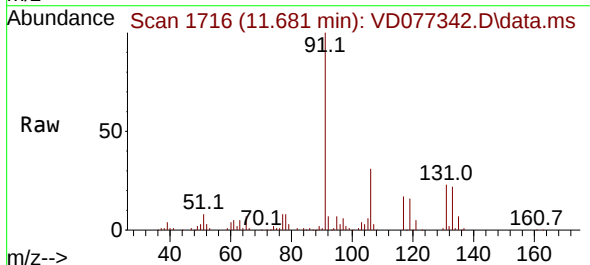
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

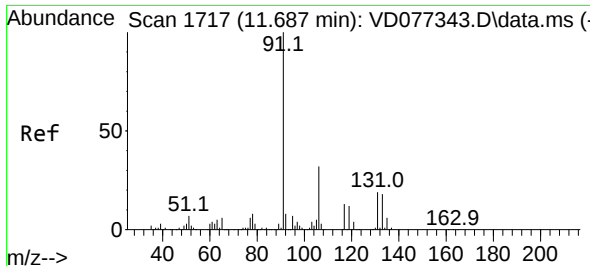
Tgt Ion:112 Resp: 129132
Ion Ratio Lower Upper
112 100
114 33.4 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 19.302 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD077342.D
Acq: 17 Oct 2023 16:01

Tgt Ion:131 Resp: 47768
Ion Ratio Lower Upper
131 100
133 95.9 48.5 145.5
119 69.7 35.6 106.9

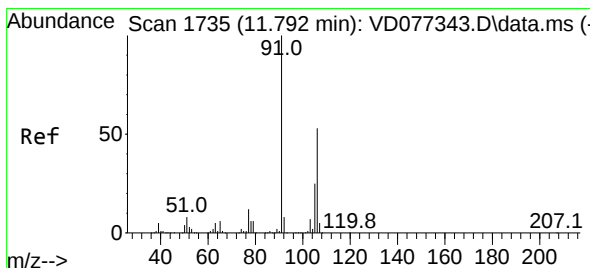
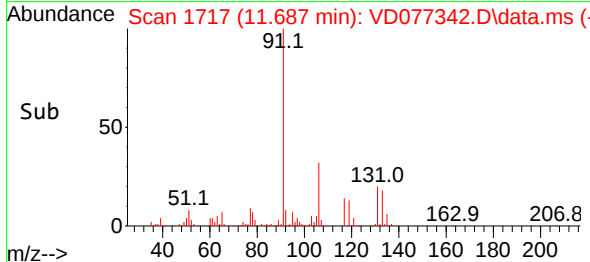
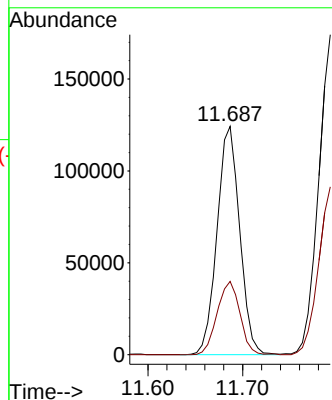
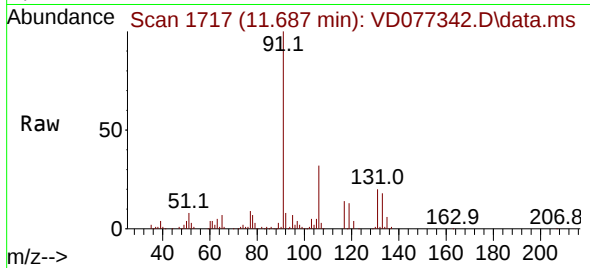




#67
Ethyl Benzene
Concen: 19.112 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD077342.D
Acq: 17 Oct 2023 16:01

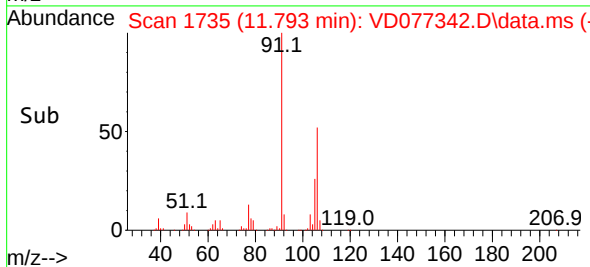
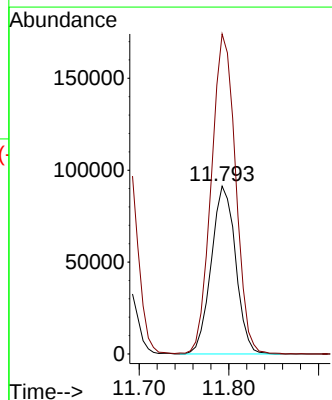
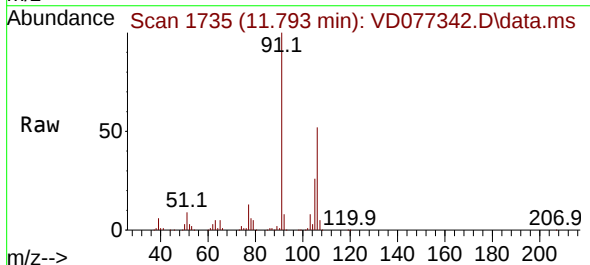
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

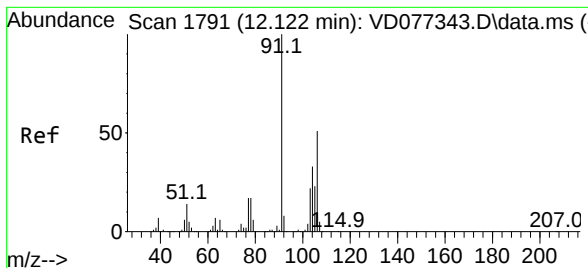
Tgt Ion: 91 Resp: 206262
Ion Ratio Lower Upper
91 100
106 32.1 26.5 39.7



#68
m/p-Xylenes
Concen: 38.822 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.001 min
Lab File: VD077342.D
Acq: 17 Oct 2023 16:01

Tgt Ion:106 Resp: 172047
Ion Ratio Lower Upper
106 100
91 190.3 147.0 220.6

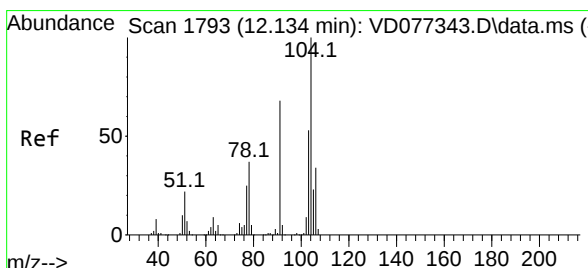
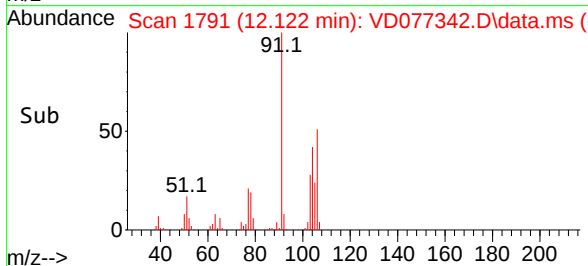
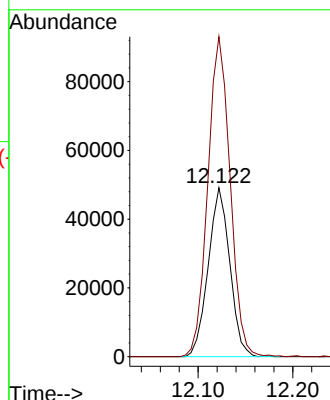
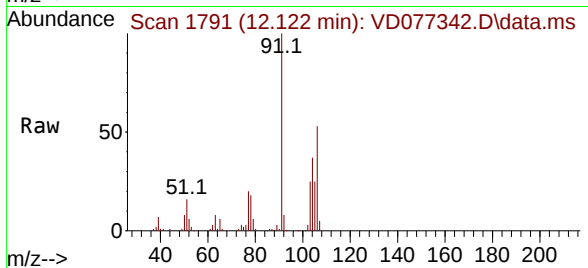




#69
o-Xylene
Concen: 19.080 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077342.D
Acq: 17 Oct 2023 16:01

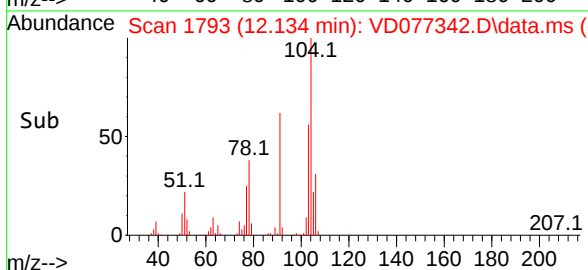
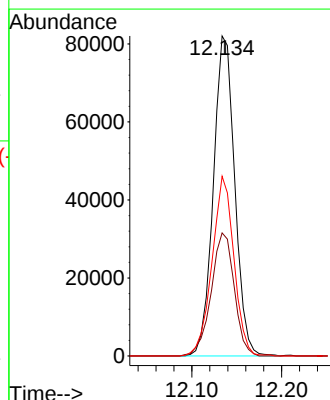
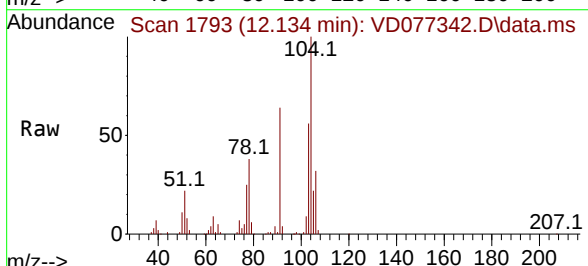
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

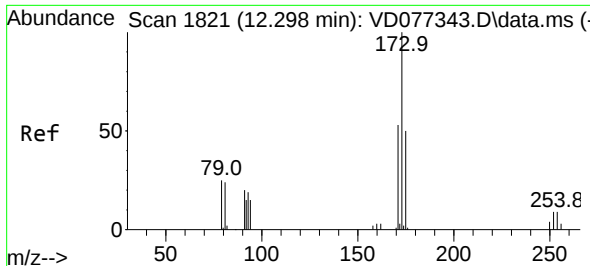
Tgt Ion:106 Resp: 77840
Ion Ratio Lower Upper
106 100
91 195.9 97.9 293.6



#70
Styrene
Concen: 19.535 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD077342.D
Acq: 17 Oct 2023 16:01

Tgt Ion:104 Resp: 135971
Ion Ratio Lower Upper
104 100
78 41.4 33.2 49.8
103 57.4 43.6 65.4

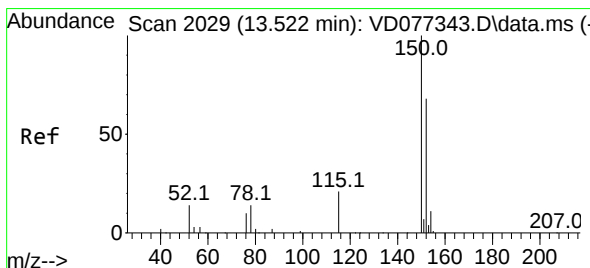
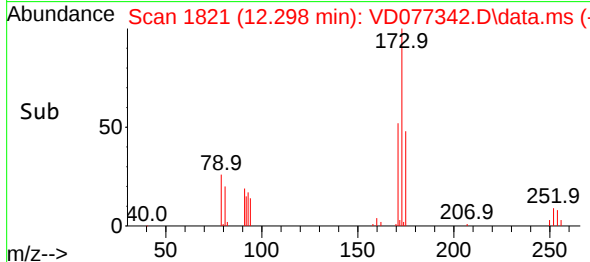
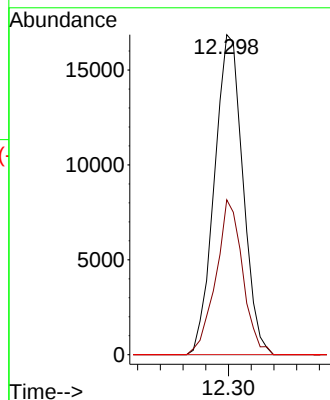
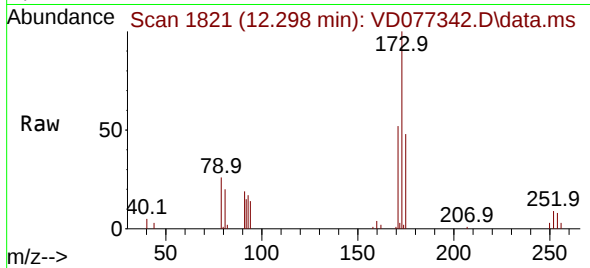




#71
Bromoform
Concen: 21.625 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077342.D
Acq: 17 Oct 2023 16:01

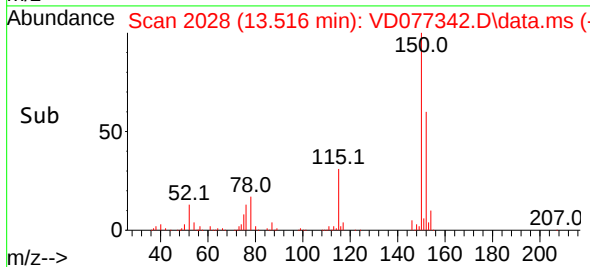
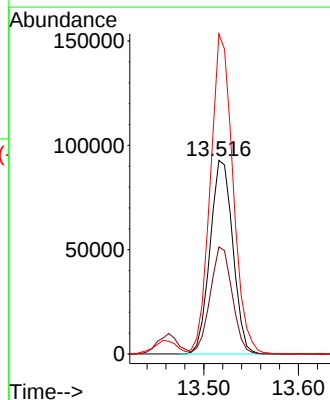
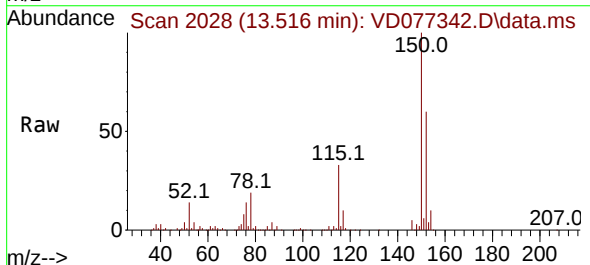
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

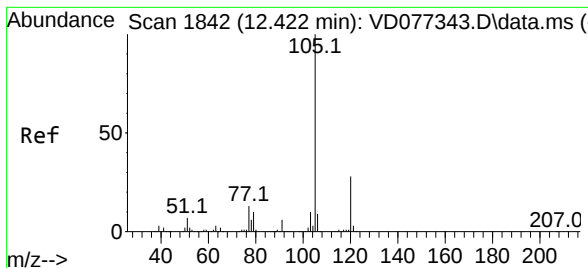
Tgt Ion:173 Resp: 29337
Ion Ratio Lower Upper
173 100
175 45.6 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD077342.D
Acq: 17 Oct 2023 16:01

Tgt Ion:152 Resp: 154697
Ion Ratio Lower Upper
152 100
115 53.6 27.1 81.3
150 164.7 0.0 353.6





#73

Isopropylbenzene

Concen: 19.196 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD077342.D

Acq: 17 Oct 2023 16:01

Instrument :

MSVOA_D

ClientSampleId :

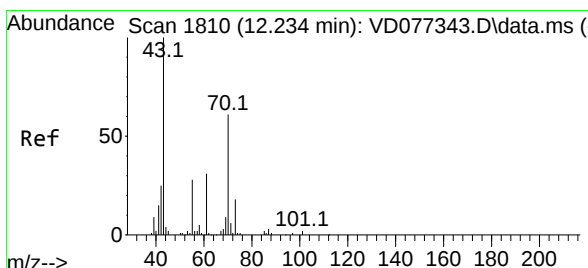
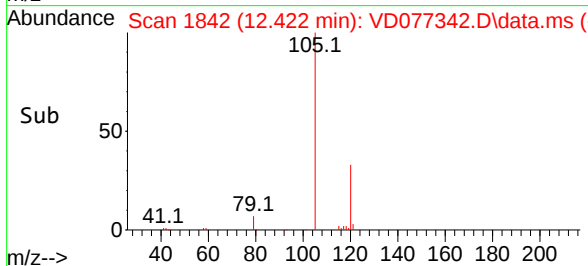
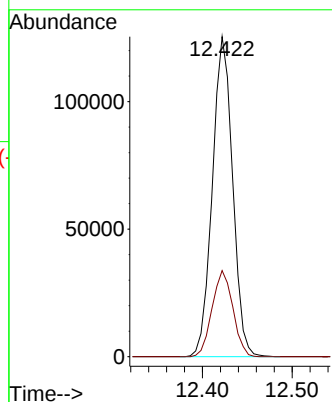
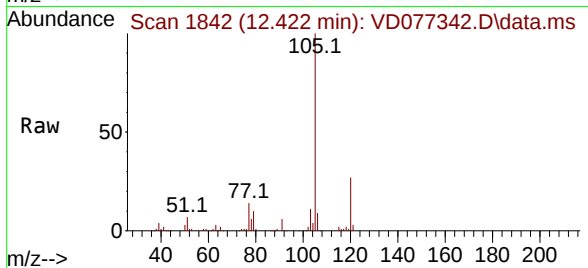
VSTDICC020

Tgt Ion:105 Resp: 196416

Ion Ratio Lower Upper

105 100

120 27.5 14.3 42.9



#74

N-ethyl acetate

Concen: 21.717 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD077342.D

Acq: 17 Oct 2023 16:01

Tgt Ion: 43 Resp: 31968

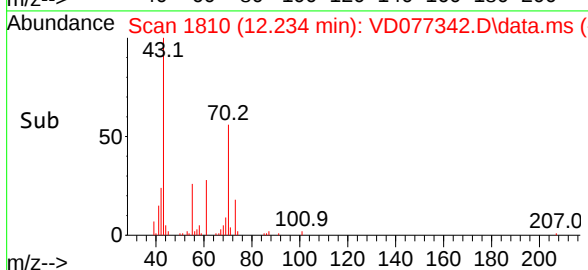
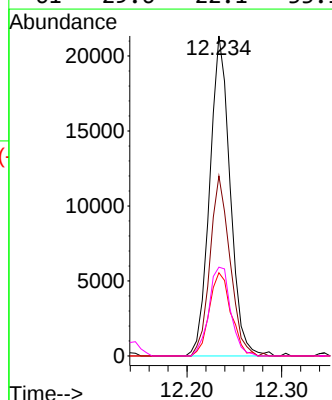
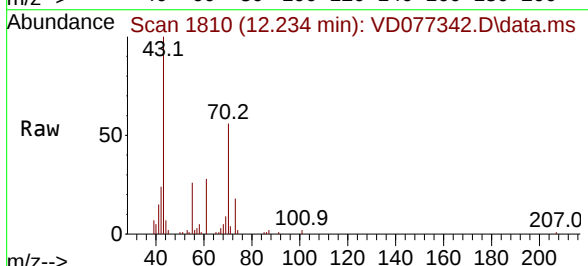
Ion Ratio Lower Upper

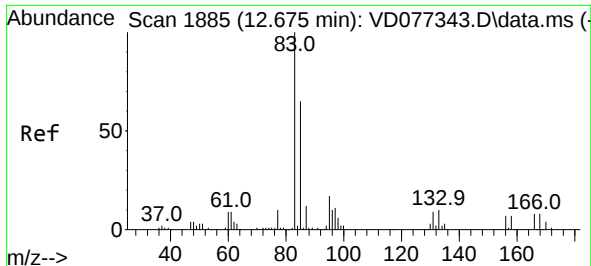
43 100

70 55.2 45.0 67.4

55 27.7 23.8 35.6

61 29.6 22.1 33.1

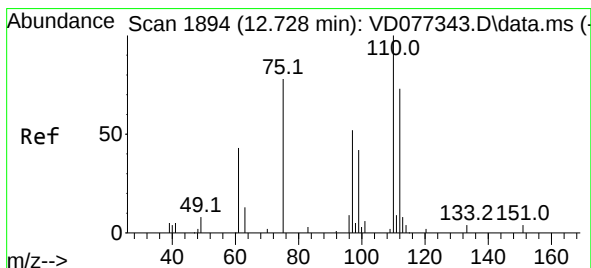
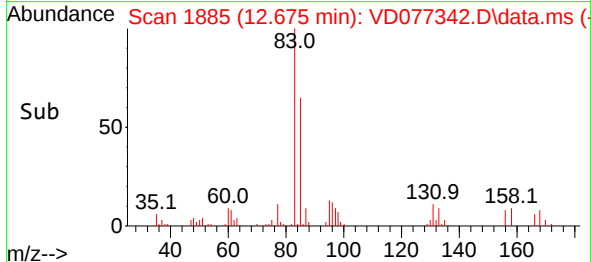
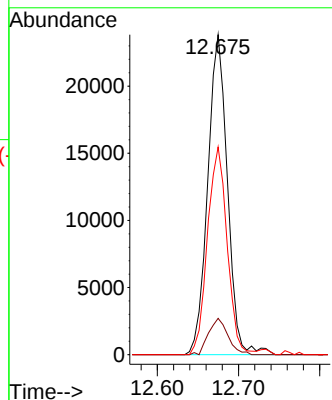
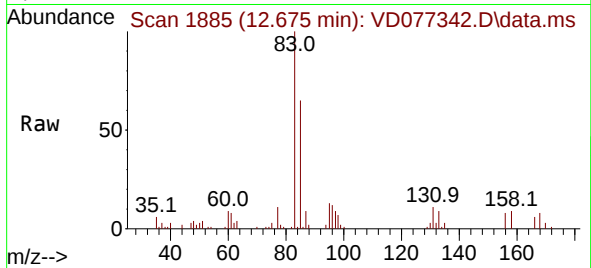




#75
1,1,2,2-Tetrachloroethane
Concen: 21.629 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD077342.D
Acq: 17 Oct 2023 16:01

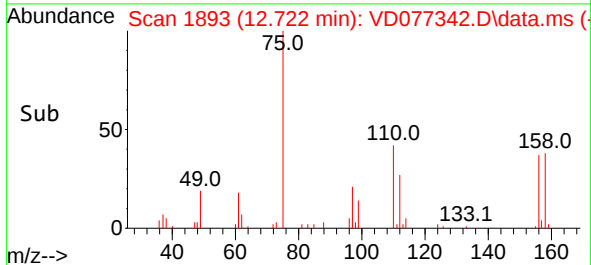
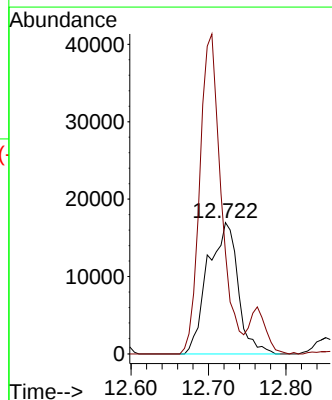
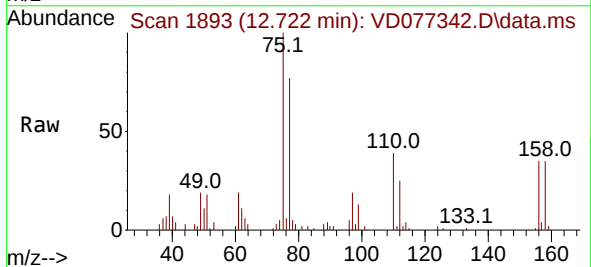
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

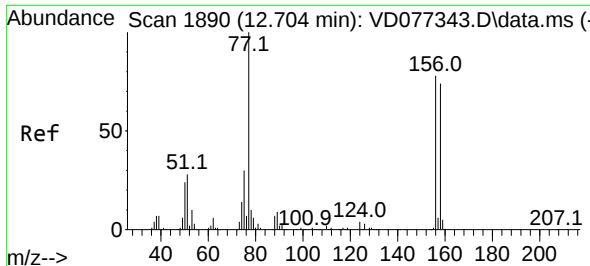
Tgt Ion: 83 Resp: 40216
Ion Ratio Lower Upper
83 100
131 11.2 5.1 15.3
85 64.7 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 25.509 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD077342.D
Acq: 17 Oct 2023 16:01

Tgt Ion: 75 Resp: 45993
Ion Ratio Lower Upper
75 100
77 172.4 0.0 0.0#

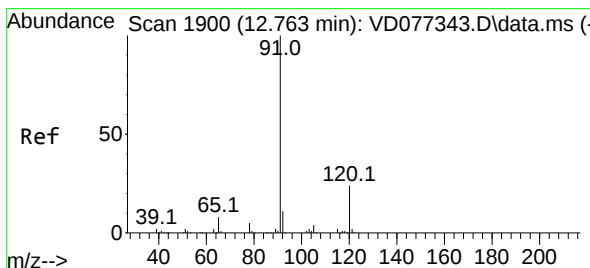
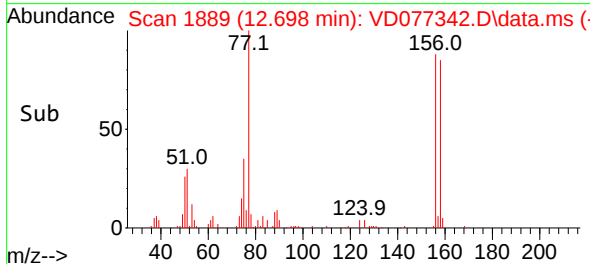
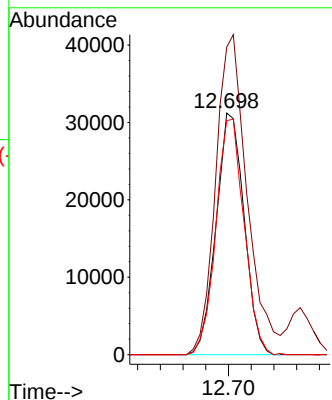
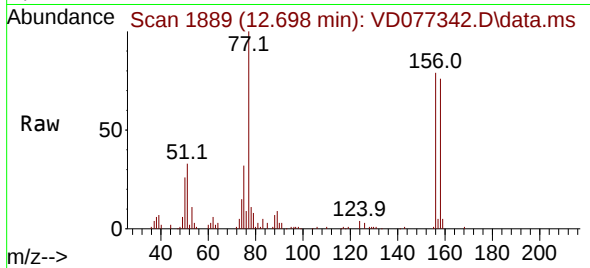




#77
Bromobenzene
Concen: 19.910 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD077342.D
Acq: 17 Oct 2023 16:01

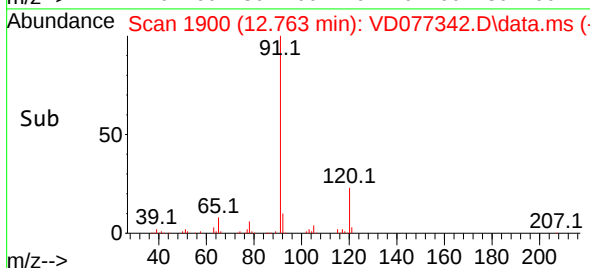
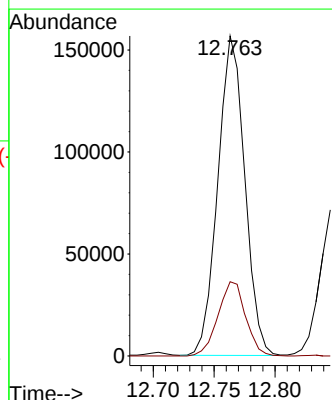
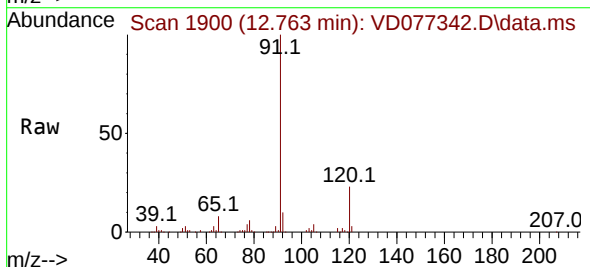
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

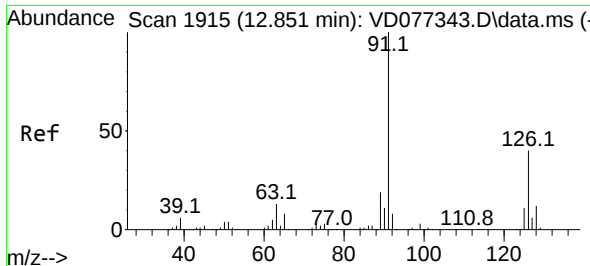
Tgt Ion:156 Resp: 53485
Ion Ratio Lower Upper
156 100
77 148.3 76.8 230.4
158 98.1 48.6 145.9



#78
n-propylbenzene
Concen: 19.577 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD077342.D
Acq: 17 Oct 2023 16:01

Tgt Ion: 91 Resp: 241244
Ion Ratio Lower Upper
91 100
120 23.8 12.4 37.2

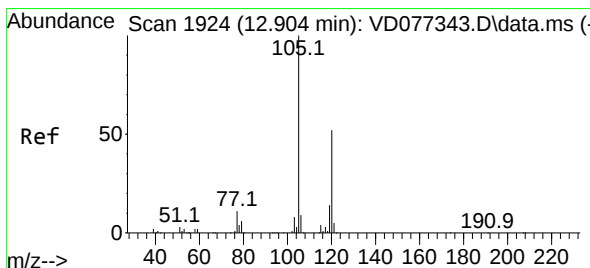
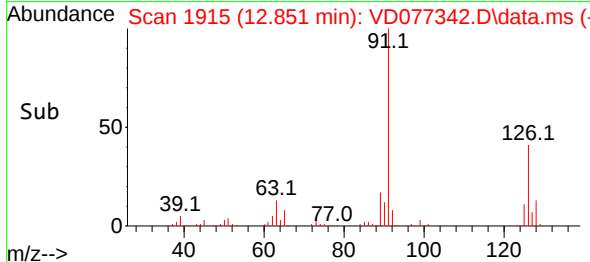
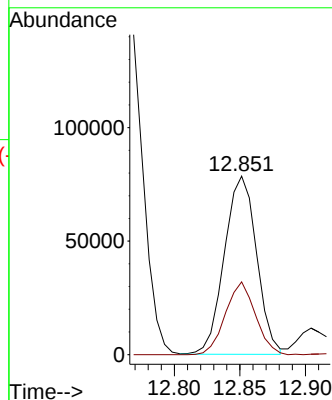
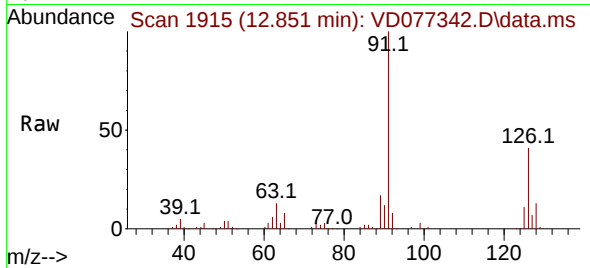




#79
2-Chlorotoluene
Concen: 19.985 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077342.D
Acq: 17 Oct 2023 16:01

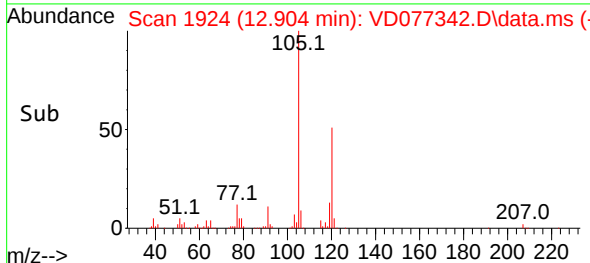
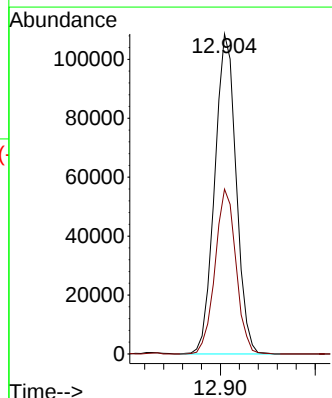
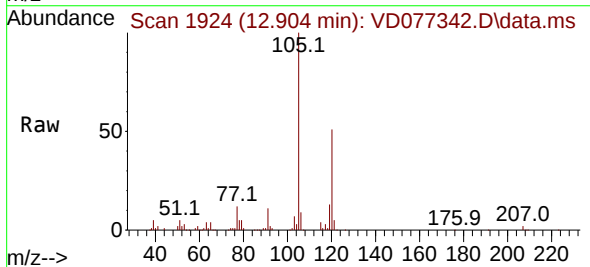
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

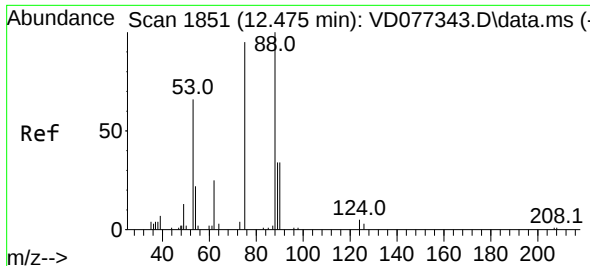
Tgt Ion: 91 Resp: 134139
Ion Ratio Lower Upper
91 100
126 38.0 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 20.192 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077342.D
Acq: 17 Oct 2023 16:01

Tgt Ion: 105 Resp: 170502
Ion Ratio Lower Upper
105 100
120 50.3 26.4 79.2

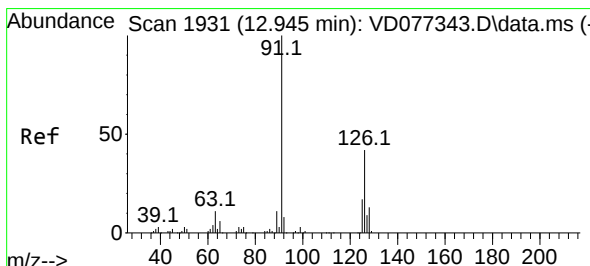
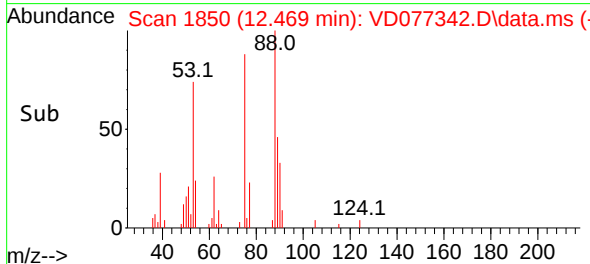
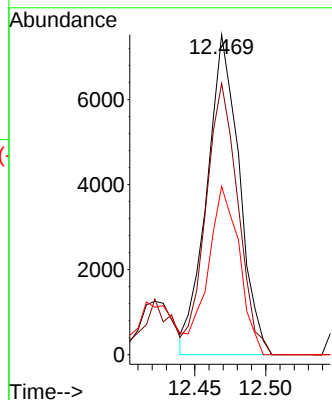
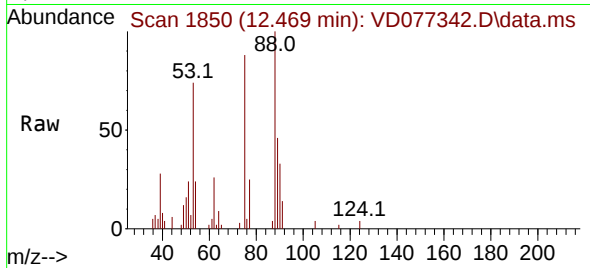




#81
trans-1,4-Dichloro-2-butene
Concen: 20.604 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD077342.D
Acq: 17 Oct 2023 16:01

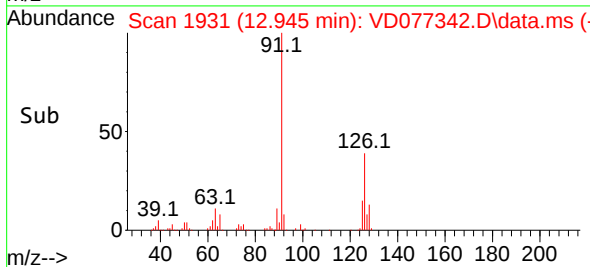
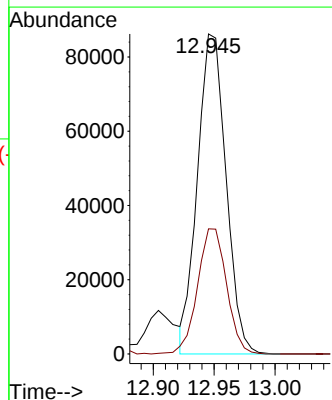
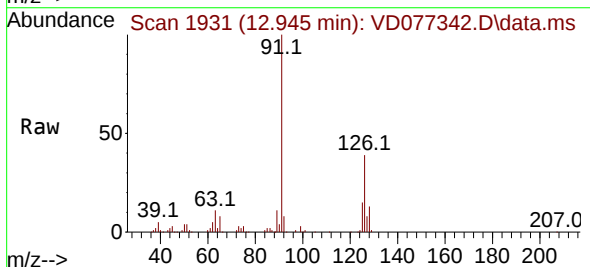
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

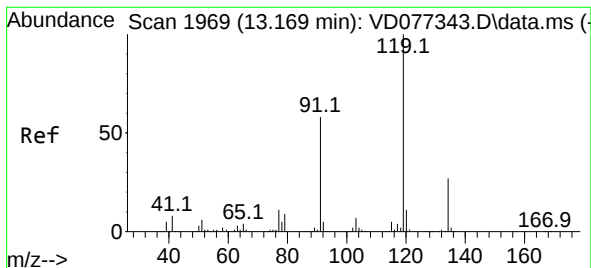
Tgt Ion: 75 Resp: 11895
Ion Ratio Lower Upper
75 100
53 84.4 63.0 94.4
89 50.0 37.9 56.9



#82
4-Chlorotoluene
Concen: 20.186 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077342.D
Acq: 17 Oct 2023 16:01

Tgt Ion: 91 Resp: 141062
Ion Ratio Lower Upper
91 100
126 39.8 19.4 58.4





#83

tert-Butylbenzene

Concen: 18.956 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD077342.D

Acq: 17 Oct 2023 16:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

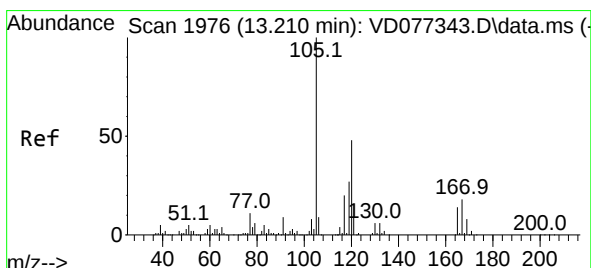
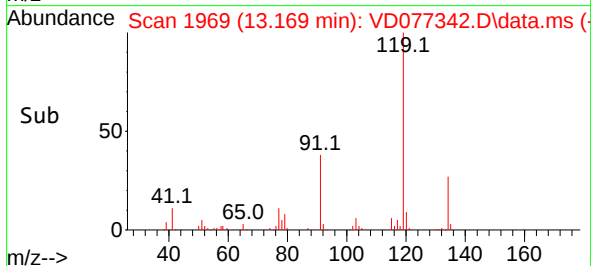
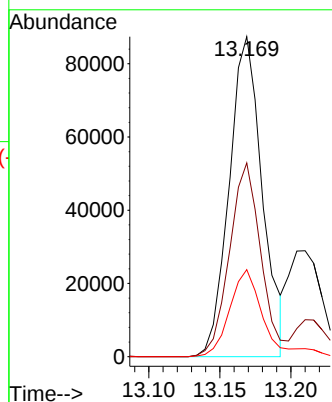
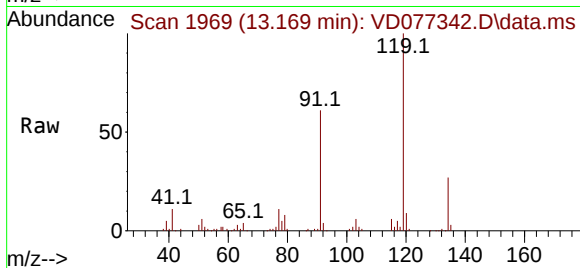
Tgt Ion:119 Resp: 141906

Ion Ratio Lower Upper

119 100

91 57.8 29.3 87.8

134 27.9 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 20.041 ug/l

RT: 13.216 min Scan# 1977

Delta R.T. 0.006 min

Lab File: VD077342.D

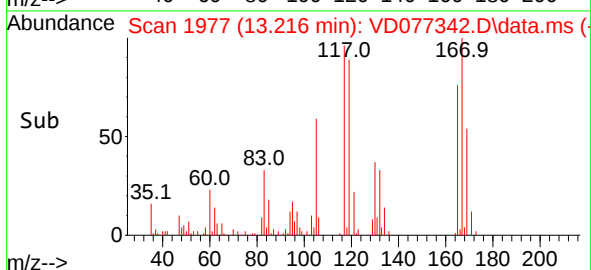
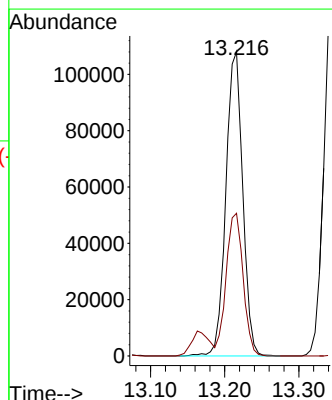
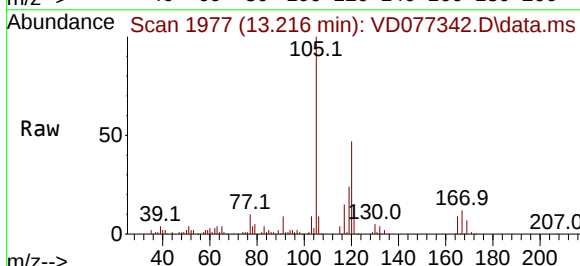
Acq: 17 Oct 2023 16:01

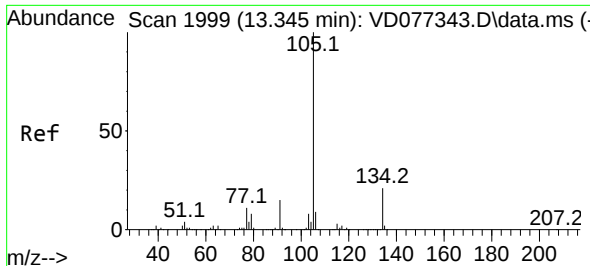
Tgt Ion:105 Resp: 170380

Ion Ratio Lower Upper

105 100

120 47.2 24.3 72.9

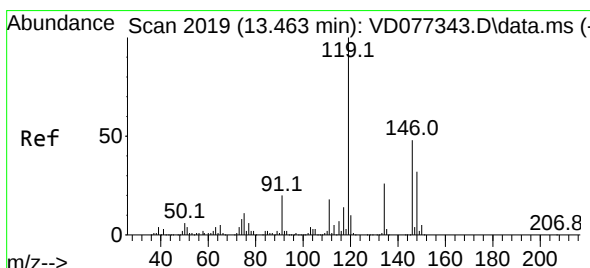
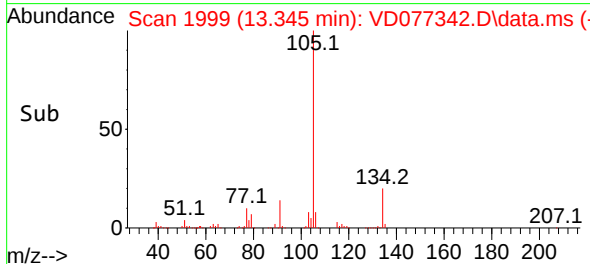
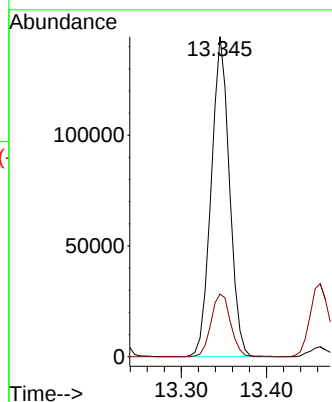
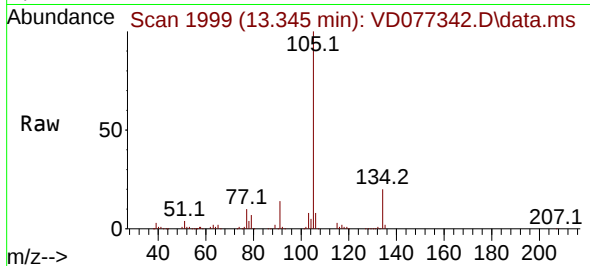




#85
 sec-Butylbenzene
 Concen: 19.058 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077342.D
 Acq: 17 Oct 2023 16:01

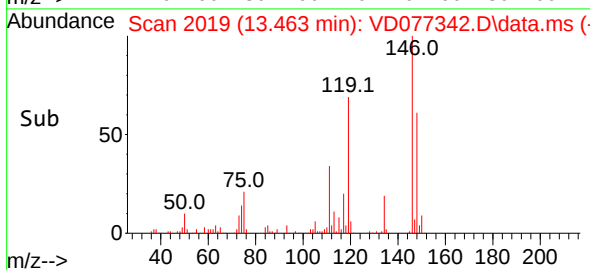
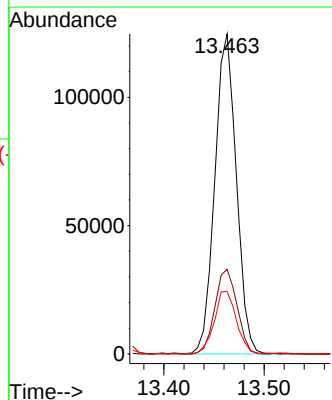
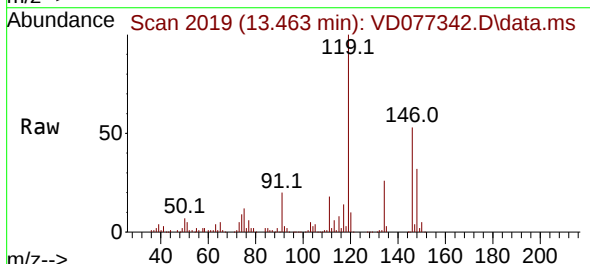
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

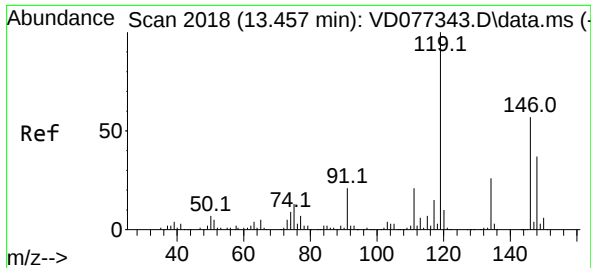
Tgt Ion:105 Resp: 214697
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 18.974 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077342.D
 Acq: 17 Oct 2023 16:01

Tgt Ion:119 Resp: 185690
 Ion Ratio Lower Upper
 119 100
 134 27.2 14.2 42.6
 91 20.2 10.5 31.5

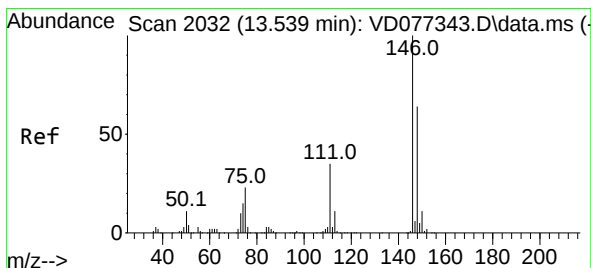
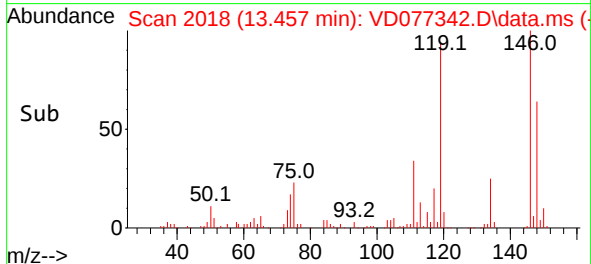
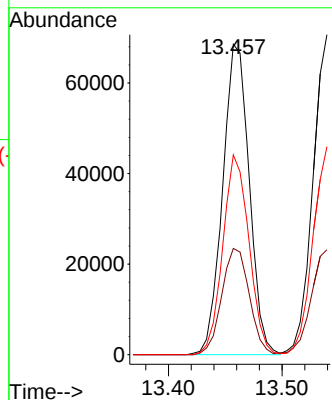
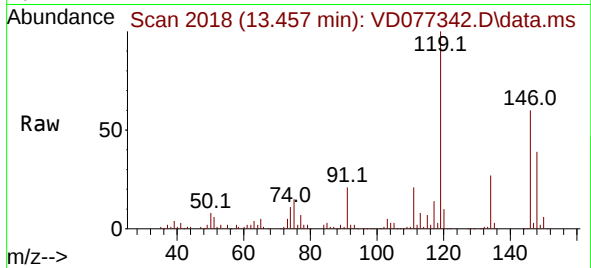




#87
1,3-Dichlorobenzene
Concen: 19.755 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD077342.D
Acq: 17 Oct 2023 16:01

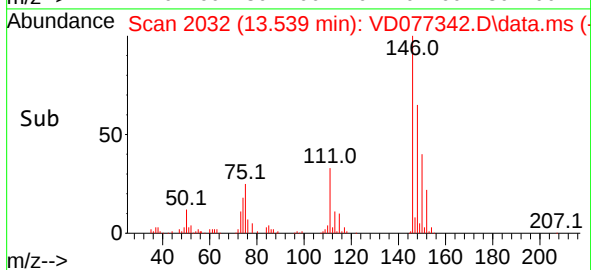
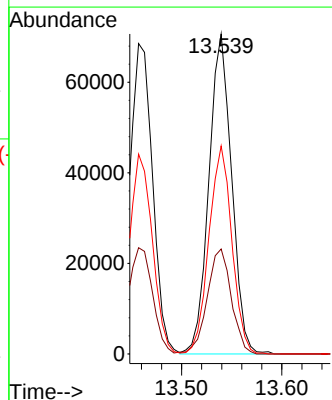
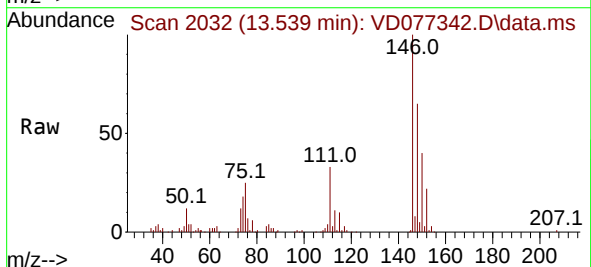
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

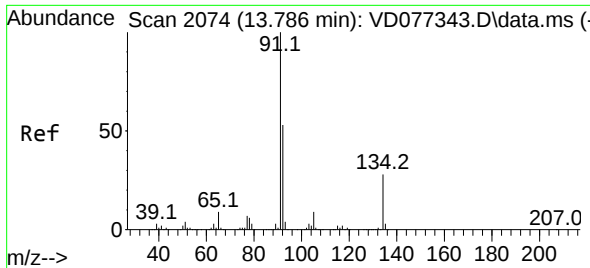
Tgt Ion:146 Resp: 111680
Ion Ratio Lower Upper
146 100
111 35.4 17.9 53.8
148 63.4 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 19.920 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077342.D
Acq: 17 Oct 2023 16:01

Tgt Ion:146 Resp: 111599
Ion Ratio Lower Upper
146 100
111 34.8 17.4 52.3
148 65.6 31.7 95.1

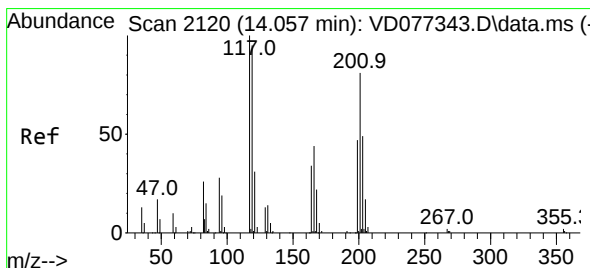
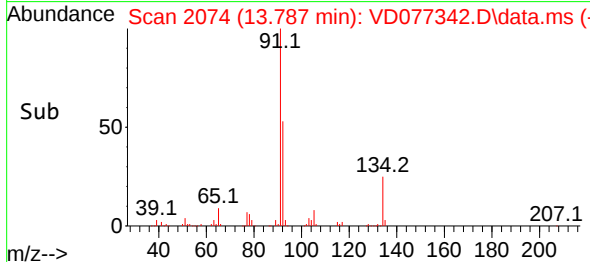
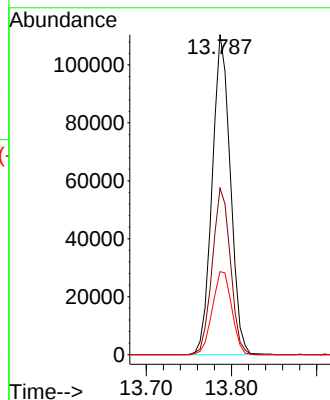
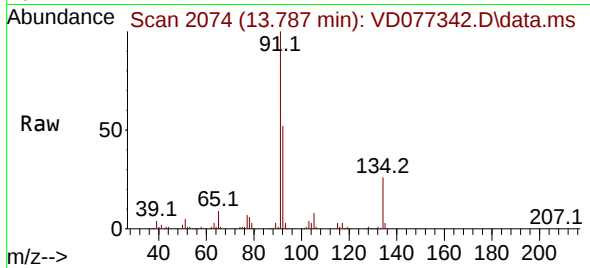




#89
n-Butylbenzene
Concen: 19.200 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD077342.D
Acq: 17 Oct 2023 16:01

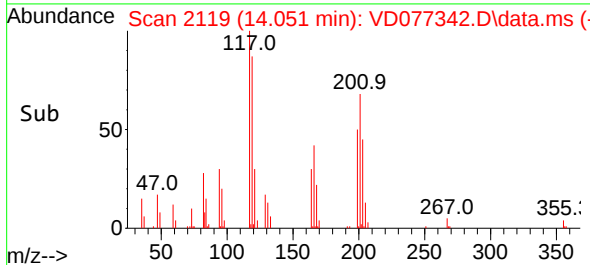
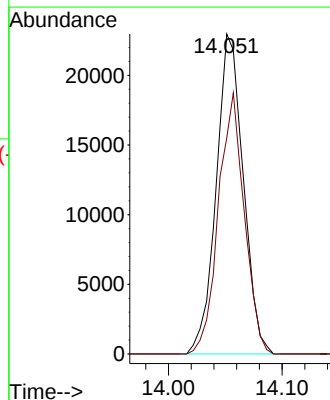
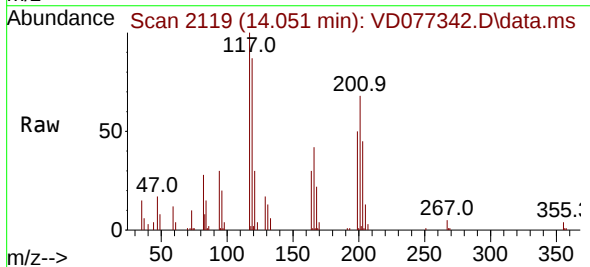
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

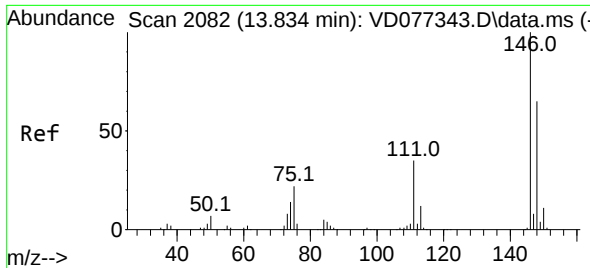
Tgt Ion: 91 Resp: 163623
Ion Ratio Lower Upper
91 100
92 51.9 26.5 79.5
134 27.7 13.8 41.3



#90
Hexachloroethane
Concen: 19.211 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD077342.D
Acq: 17 Oct 2023 16:01

Tgt Ion: 117 Resp: 38004
Ion Ratio Lower Upper
117 100
201 77.9 38.5 115.5

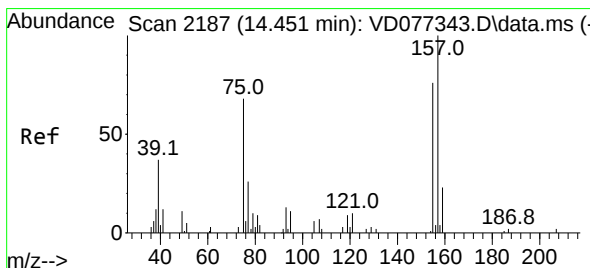
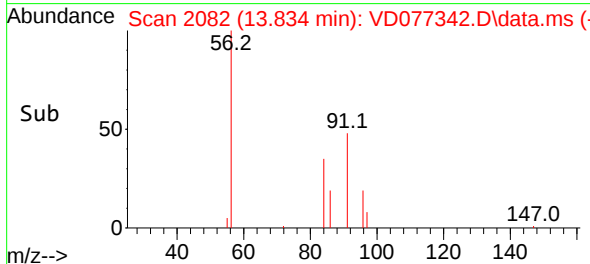
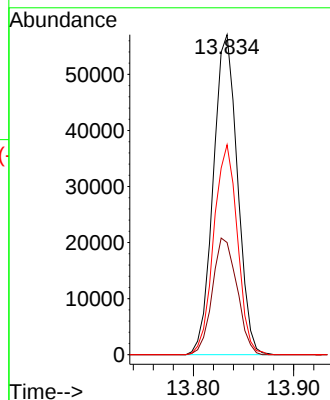
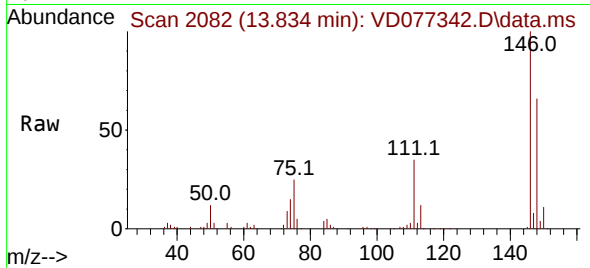




#91
1,2-Dichlorobenzene
Concen: 19.995 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077342.D
Acq: 17 Oct 2023 16:01

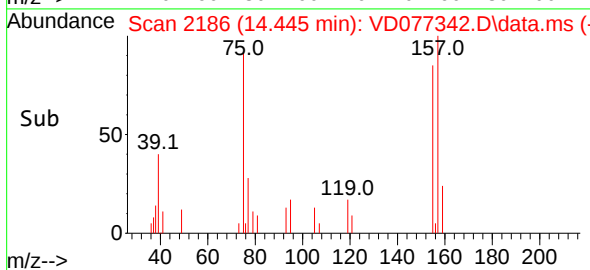
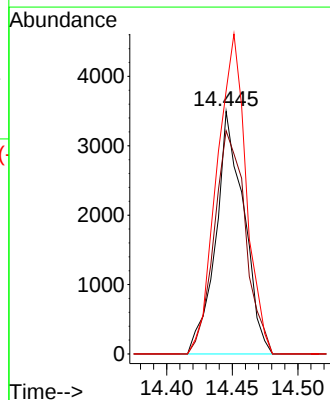
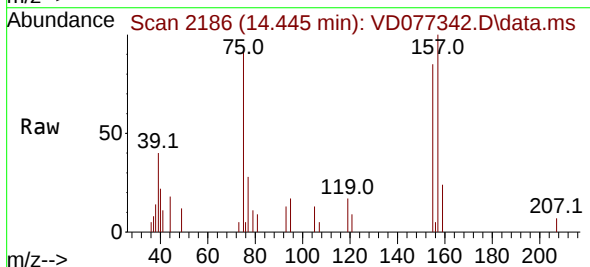
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

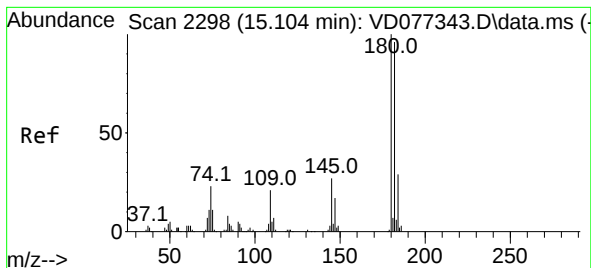
Tgt Ion:	146	Resp:	95488
Ion Ratio	Lower	Upper	
146	100		
111	37.2	18.3	54.8
148	64.3	31.6	94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.826 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD077342.D
Acq: 17 Oct 2023 16:01

Tgt Ion:	75	Resp:	5195
Ion Ratio	Lower	Upper	
75	100		
155	102.5	47.9	143.8
157	138.2	59.9	179.7





#93

1,2,4-Trichlorobenzene

Concen: 18.869 ug/l

RT: 15.104 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VD077342.D

Acq: 17 Oct 2023 16:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

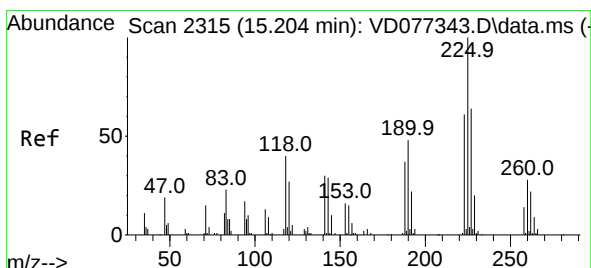
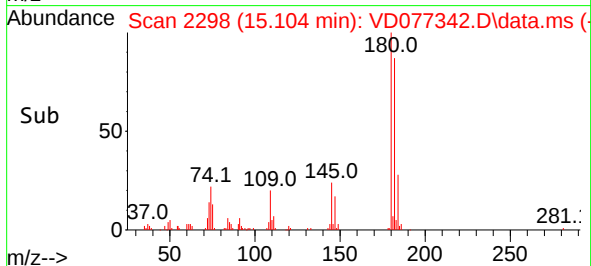
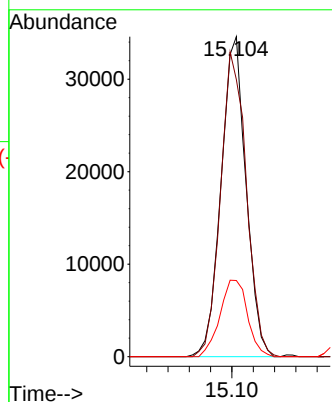
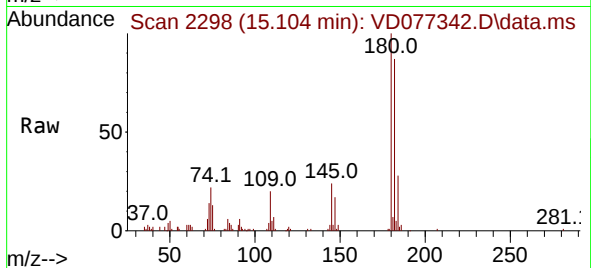
Tgt Ion:180 Resp: 56144

Ion Ratio Lower Upper

180 100

182 98.3 48.5 145.6

145 26.5 14.2 42.6



#94

Hexachlorobutadiene

Concen: 19.005 ug/l

RT: 15.210 min Scan# 2316

Delta R.T. 0.006 min

Lab File: VD077342.D

Acq: 17 Oct 2023 16:01

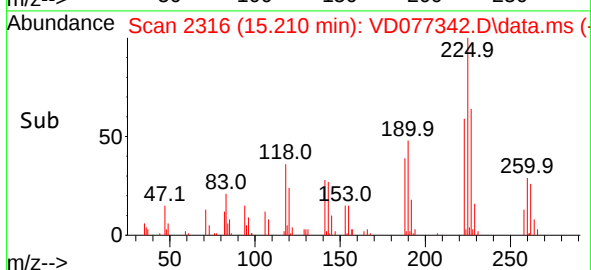
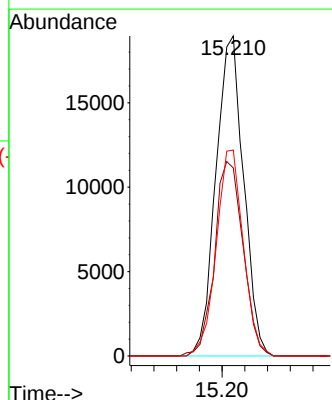
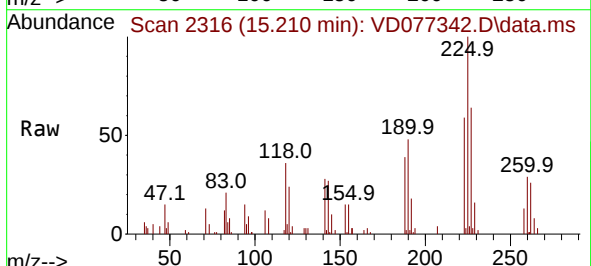
Tgt Ion:225 Resp: 32116

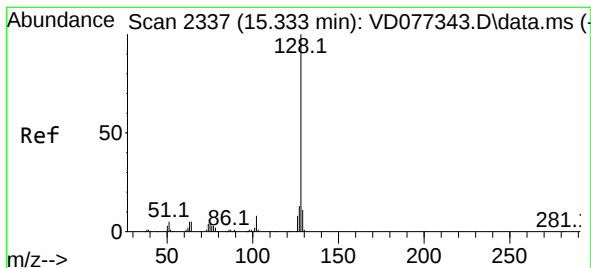
Ion Ratio Lower Upper

225 100

223 62.2 31.6 94.8

227 62.8 31.7 95.1





#95

Naphthalene

Concen: 19.475 ug/l

RT: 15.334 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD077342.D

Acq: 17 Oct 2023 16:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

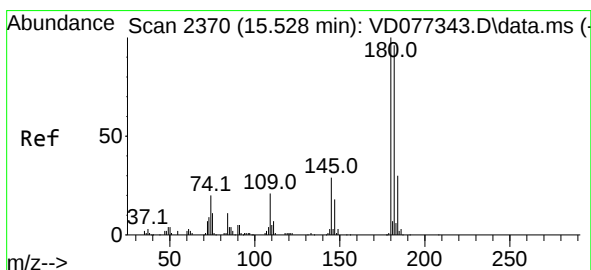
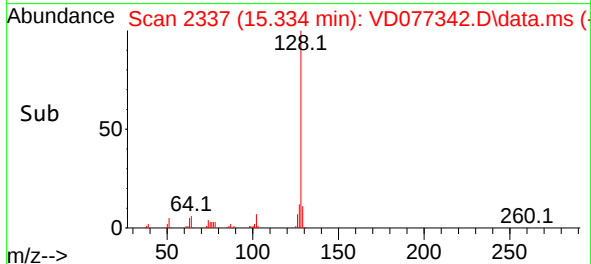
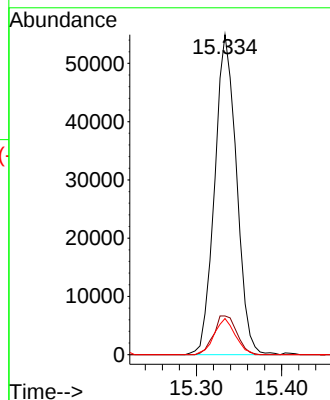
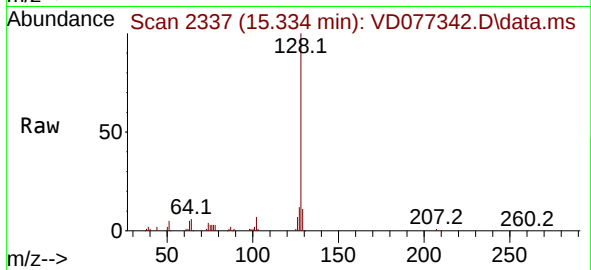
Tgt Ion:128 Resp: 97839

Ion Ratio Lower Upper

128 100

127 12.1 10.5 15.7

129 11.3 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 19.698 ug/l

RT: 15.528 min Scan# 2370

Delta R.T. 0.000 min

Lab File: VD077342.D

Acq: 17 Oct 2023 16:01

Tgt Ion:180 Resp: 50874

Ion Ratio Lower Upper

180 100

182 97.8 47.3 141.9

145 31.2 15.1 45.3

