

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060523\
 Data File : VD076322.D
 Acq On : 05 Jun 2023 12:51
 Operator : KP/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Quant Time: Jun 06 02:22:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 06 02:19:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	198506	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	356942	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	326028	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	154578	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	9638	5.419	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	10.840%#
35) Dibromofluoromethane	7.811	113	12261	5.410	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	10.820%#
50) Toluene-d8	10.269	98	41334	4.581	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	9.160%#
62) 4-Bromofluorobenzene	12.569	95	10511	4.402	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	8.800%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	10527	5.476	ug/l	100
3) Chloromethane	2.146	50	20885	5.654	ug/l	95
4) Vinyl Chloride	2.281	62	25734	5.308	ug/l	95
5) Bromomethane	2.687	94	19048	6.056	ug/l	97
6) Chloroethane	2.828	64	17955	5.527	ug/l	97
7) Trichlorofluoromethane	3.170	101	18111	5.626	ug/l	92
8) Diethyl Ether	3.587	74	5188	4.941	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.964	101	11119	5.400	ug/l	96
10) Methyl Iodide	4.158	142	13207	4.609	ug/l	96
11) Tert butyl alcohol	5.064	59	1360	13.682	ug/l #	73
12) 1,1-Dichloroethene	3.940	96	11215	5.131	ug/l #	88
13) Acrolein	3.793	56	5723	26.463	ug/l	95
14) Allyl chloride	4.552	41	10613	4.942	ug/l	99
15) Acrylonitrile	5.258	53	10309	24.586	ug/l	99
16) Acetone	4.028	43	8893	27.298	ug/l #	79
17) Carbon Disulfide	4.264	76	38606	5.295	ug/l	98
18) Methyl Acetate	4.564	43	7244	5.244	ug/l	98
19) Methyl tert-butyl Ether	5.317	73	18819	4.673	ug/l #	90
20) Methylene Chloride	4.799	84	20821	3.658	ug/l #	87
21) trans-1,2-Dichloroethene	5.311	96	13612	5.374	ug/l	90
22) Diisopropyl ether	6.216	45	21454	4.492	ug/l #	85
23) Vinyl Acetate	6.152	43	38989	21.464	ug/l	99
24) 1,1-Dichloroethane	6.105	63	20994	5.382	ug/l	98
25) 2-Butanone	7.087	43	11772	26.096	ug/l #	82
26) 2,2-Dichloropropane	7.075	77	17471	5.409	ug/l	94
27) cis-1,2-Dichloroethene	7.081	96	13350	4.879	ug/l	93
28) Bromochloromethane	7.428	49	6289	3.984	ug/l #	96
29) Tetrahydrofuran	7.446	42	6154	23.124	ug/l	96
30) Chloroform	7.593	83	22729	5.552	ug/l	87
31) Cyclohexane	7.875	56	16641	5.573	ug/l #	89
32) 1,1,1-Trichloroethane	7.787	97	17118	5.251	ug/l	98
36) 1,1-Dichloropropene	8.005	75	14781	4.539	ug/l	96
37) Ethyl Acetate	7.169	43	5193	4.834	ug/l #	90
38) Carbon Tetrachloride	7.987	117	13604	4.766	ug/l	93
39) Methylcyclohexane	9.275	83	15237	4.095	ug/l	95
40) Benzene	8.246	78	49547	4.810	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	2056	3.756	ug/l #	82
42) 1,2-Dichloroethane	8.322	62	12174	5.117	ug/l	99
43) Isopropyl Acetate	8.358	43	8228	4.274	ug/l #	82
44) Trichloroethene	9.028	130	13940	4.840	ug/l	96
45) 1,2-Dichloropropane	9.310	63	11653	4.820	ug/l	94
46) Dibromomethane	9.393	93	6815	4.980	ug/l	98
47) Bromodichloromethane	9.581	83	15573	4.855	ug/l	95
48) Methyl methacrylate	9.375	41	3861	4.427	ug/l	93
49) 1,4-Dioxane	9.387	88	1128	75.210	ug/l	97
51) 4-Methyl-2-Pentanone	10.157	43	21152	20.843	ug/l	95
52) Toluene	10.334	92	28291	4.466	ug/l	95
53) t-1,3-Dichloropropene	10.557	75	13128	4.410	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	16233	4.412	ug/l	99
55) 1,1,2-Trichloroethane	10.728	97	9930	5.125	ug/l	92
56) Ethyl methacrylate	10.599	69	7831	3.963	ug/l	95
57) 1,3-Dichloropropane	10.881	76	14304	4.648	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.869	63	18371	22.141	ug/l	97
59) 2-Hexanone	10.922	43	14130	20.293	ug/l	97
60) Dibromochloromethane	11.069	129	10481	4.772	ug/l	94
61) 1,2-Dibromoethane	11.181	107	8277	4.695	ug/l	95
64) Tetrachloroethene	10.810	164	10789	4.620	ug/l	90
65) Chlorobenzene	11.604	112	34383	4.922	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.681	131	11222	4.785	ug/l	96
67) Ethyl Benzene	11.681	91	48426	4.302	ug/l	97
68) m/p-Xylenes	11.793	106	39488	8.485	ug/l	94
69) o-Xylene	12.122	106	16885	4.024	ug/l	100
70) Styrene	12.134	104	28479	3.958	ug/l	98
71) Bromoform	12.299	173	5856	4.628	ug/l #	95
73) Isopropylbenzene	12.422	105	43465	4.392	ug/l	99
74) N-amyl acetate	12.234	43	7211	4.249	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.669	83	9702	4.898	ug/l	94
76) 1,2,3-Trichloropropane	12.722	75	11967	7.985	ug/l #	100
77) Bromobenzene	12.698	156	12078	4.642	ug/l	98
78) n-propylbenzene	12.763	91	53258	4.353	ug/l	96
79) 2-Chlorotoluene	12.851	91	30775	4.611	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	32891	4.031	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	2520	4.183	ug/l	95
82) 4-Chlorotoluene	12.951	91	32689	4.600	ug/l	95
83) tert-Butylbenzene	13.169	119	28435	4.156	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	32643	4.005	ug/l	95
85) sec-Butylbenzene	13.346	105	44712	4.248	ug/l	97
86) p-Isopropyltoluene	13.463	119	35788	4.102	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	24395	4.651	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	27548	5.187	ug/l	96
89) n-Butylbenzene	13.787	91	34677	4.277	ug/l	97
90) Hexachloroethane	14.051	117	8366	4.776	ug/l	96
91) 1,2-Dichlorobenzene	13.834	146	21984	4.828	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	1345	5.140	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	11637	4.397	ug/l	97
94) Hexachlorobutadiene	15.204	225	6055	4.679	ug/l	94
95) Naphthalene	15.334	128	19951	6.667	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.522	180	10742	4.589	ug/l	95

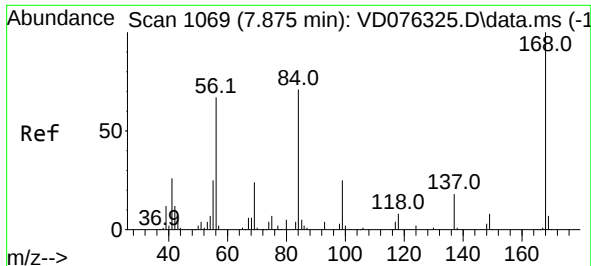
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060523\
Data File : VD076322.D
Acq On : 05 Jun 2023 12:51
Operator : KP/SY
Sample : VSTDICC005
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

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Quant Title : SW846 8260
QLast Update : Tue Jun 06 02:19:25 2023
Response via : Initial Calibration

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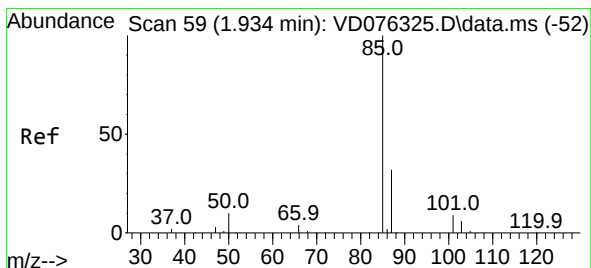
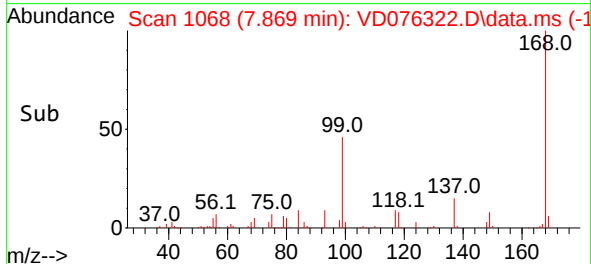
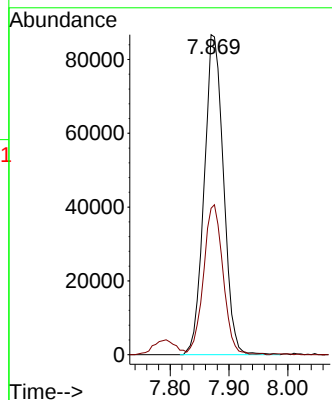
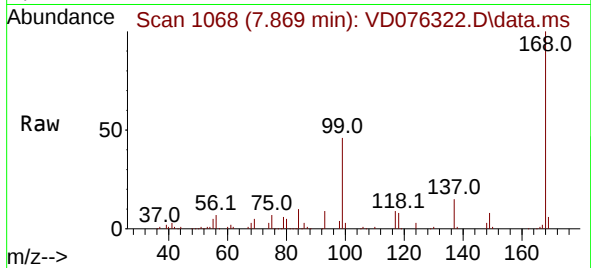
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD076322.D
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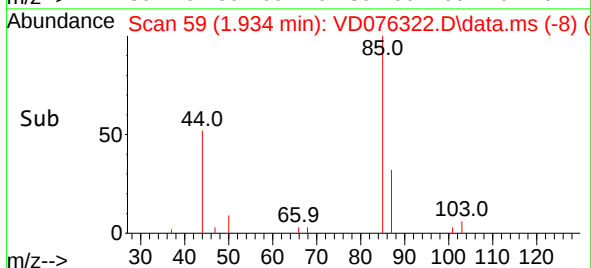
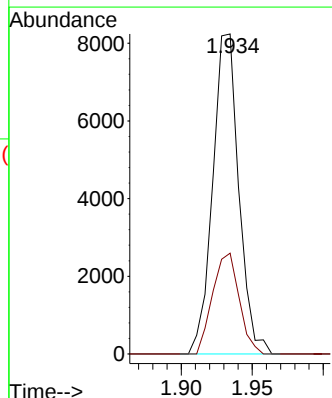
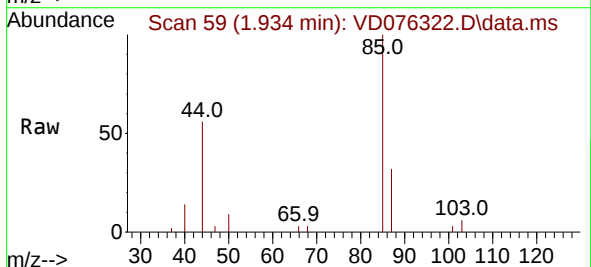
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MSVOA_D
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VSTDIC005

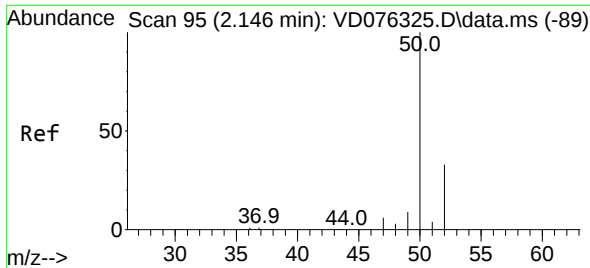
Tgt Ion:168 Resp: 198506
Ion Ratio Lower Upper
168 100
99 45.5 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 5.476 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD076322.D
Acq: 05 Jun 2023 12:51

Tgt Ion: 85 Resp: 10527
Ion Ratio Lower Upper
85 100
87 31.5 15.7 47.0

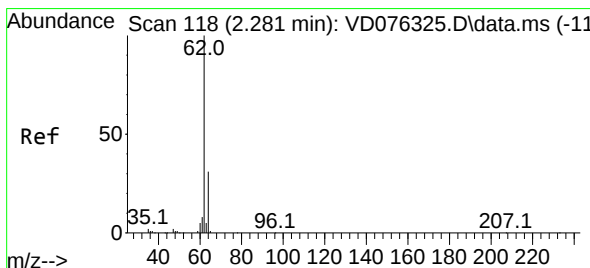
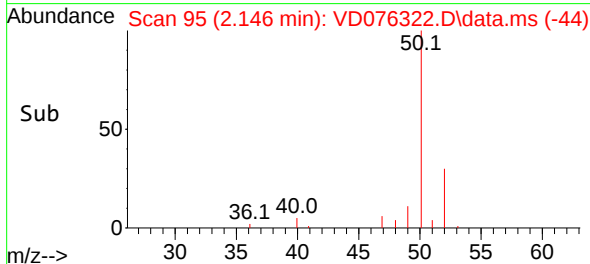
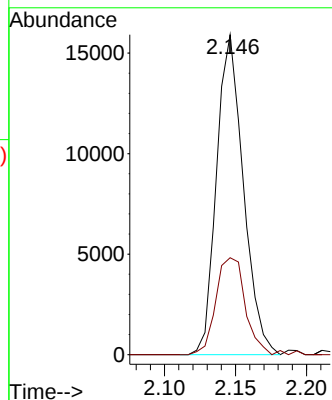
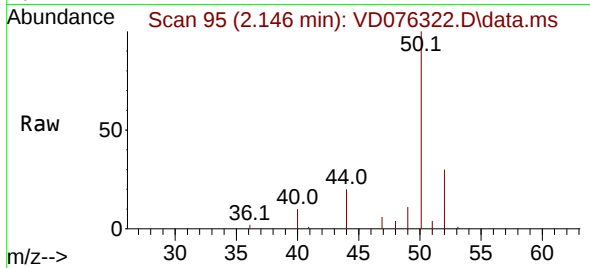




#3
Chloromethane
Concen: 5.654 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076322.D
Acq: 05 Jun 2023 12:51

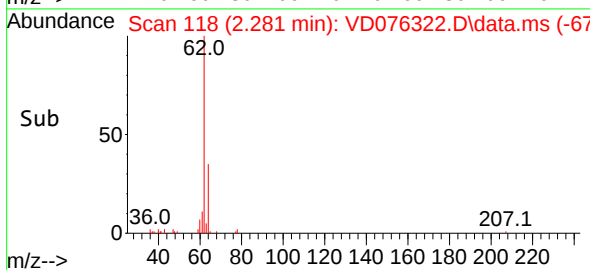
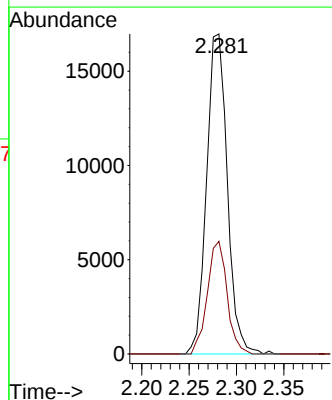
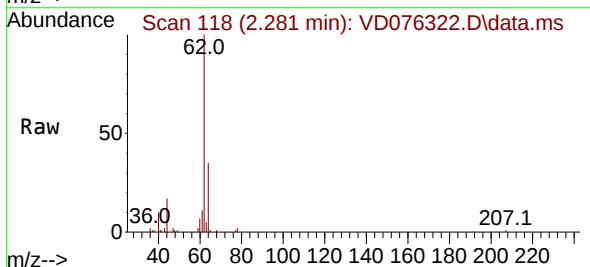
Instrument :
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ClientSampleId :
VSTDICC005

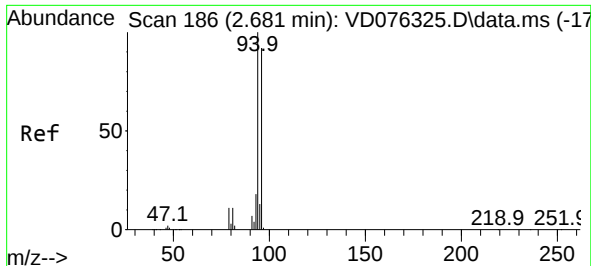
Tgt Ion: 50 Resp: 20885
Ion Ratio Lower Upper
50 100
52 30.3 26.6 40.0



#4
Vinyl Chloride
Concen: 5.308 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD076322.D
Acq: 05 Jun 2023 12:51

Tgt Ion: 62 Resp: 25734
Ion Ratio Lower Upper
62 100
64 35.2 26.0 39.0

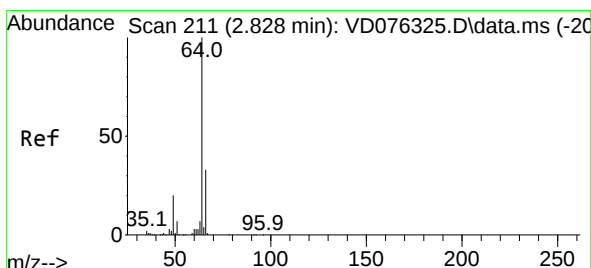
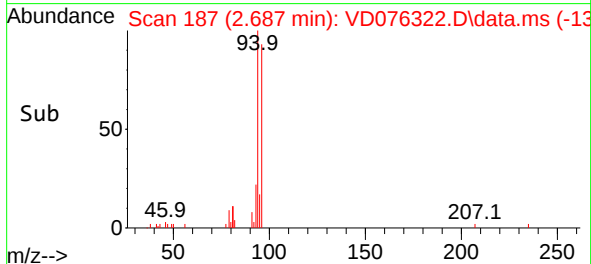
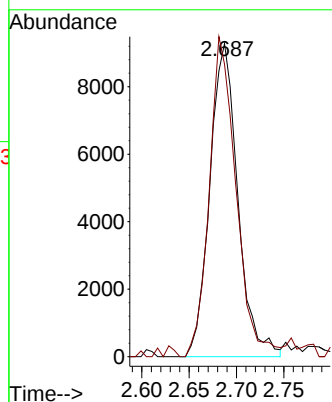
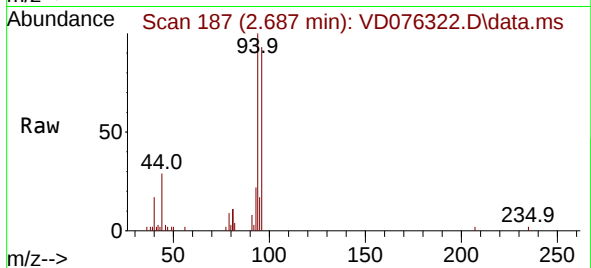




#5
Bromomethane
Concen: 6.056 ug/l
RT: 2.687 min Scan# 186
Delta R.T. 0.006 min
Lab File: VD076322.D
Acq: 05 Jun 2023 12:51

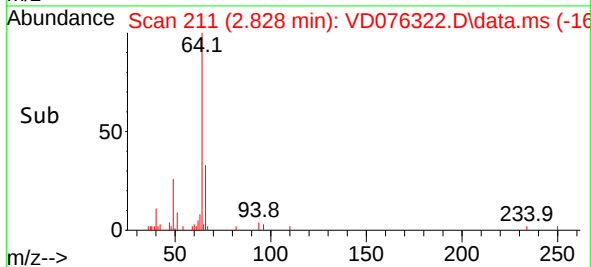
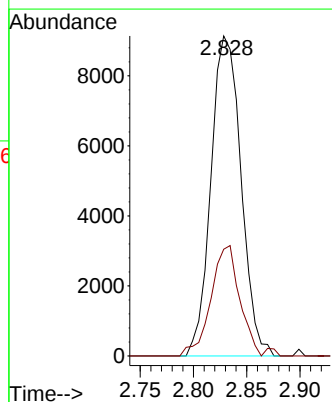
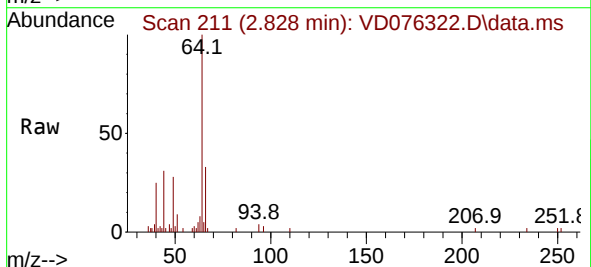
Instrument :
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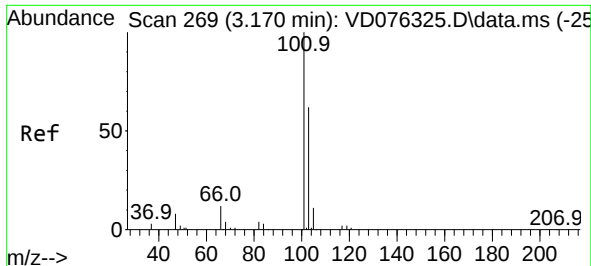
Tgt Ion: 94 Resp: 19048
Ion Ratio Lower Upper
94 100
96 97.9 75.8 113.8



#6
Chloroethane
Concen: 5.527 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD076322.D
Acq: 05 Jun 2023 12:51

Tgt Ion: 64 Resp: 17955
Ion Ratio Lower Upper
64 100
66 33.4 25.5 38.3

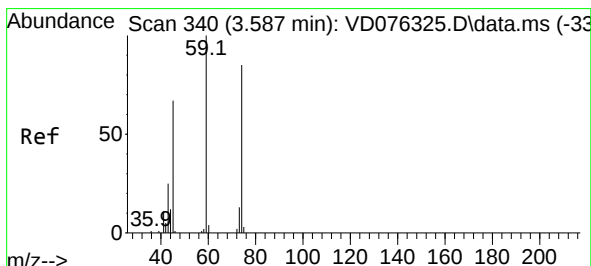
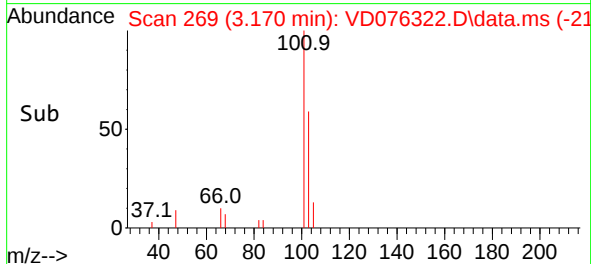
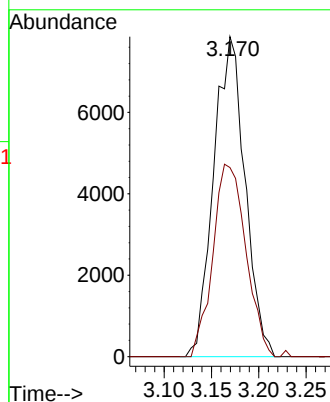
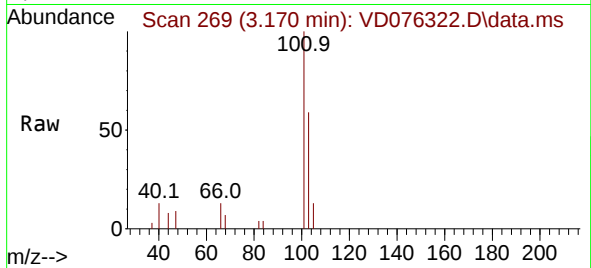




#7
 Trichlorofluoromethane
 Concen: 5.626 ug/l
 RT: 3.170 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD076322.D
 Acq: 05 Jun 2023 12:51

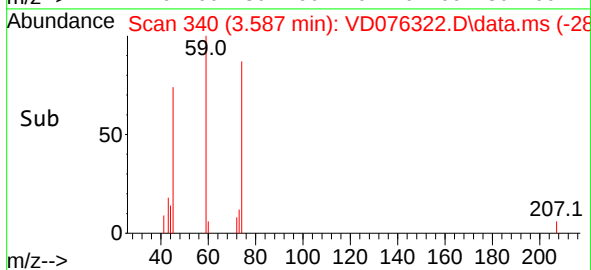
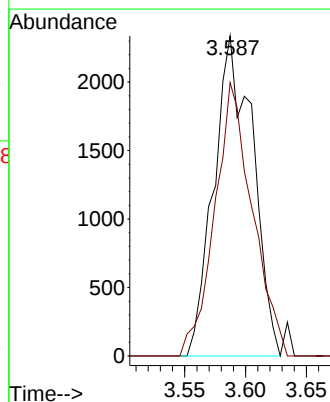
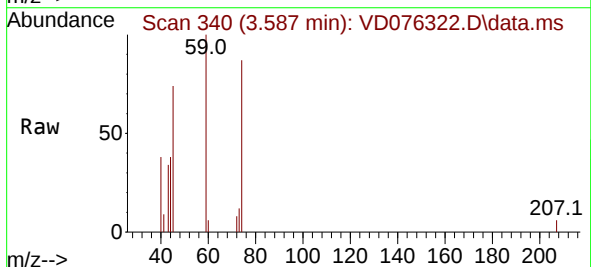
Instrument :
 MSVOA_D
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 VSTDIC005

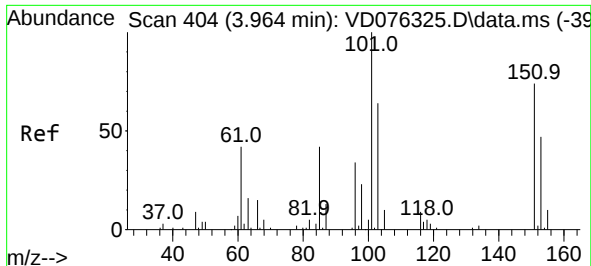
Tgt Ion:101 Resp: 18111
 Ion Ratio Lower Upper
 101 100
 103 59.1 52.3 78.5



#8
 Diethyl Ether
 Concen: 4.941 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. 0.000 min
 Lab File: VD076322.D
 Acq: 05 Jun 2023 12:51

Tgt Ion: 74 Resp: 5188
 Ion Ratio Lower Upper
 74 100
 45 82.8 37.5 112.7



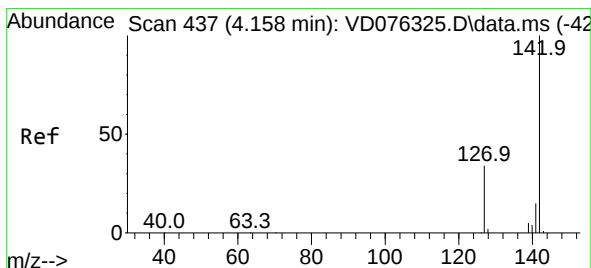
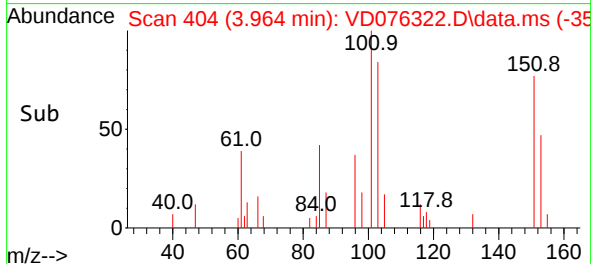
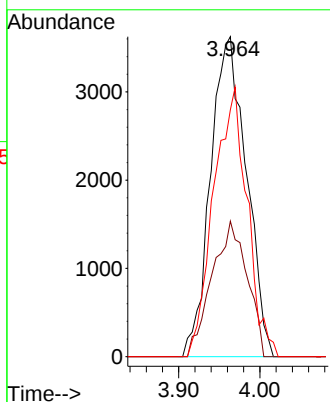
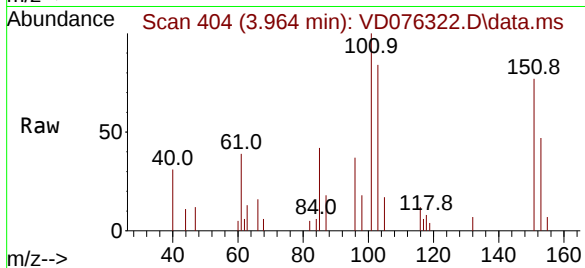


#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.400 ug/l
RT: 3.964 min Scan# 404
Delta R.T. 0.000 min
Lab File: VD076322.D
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Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 11119

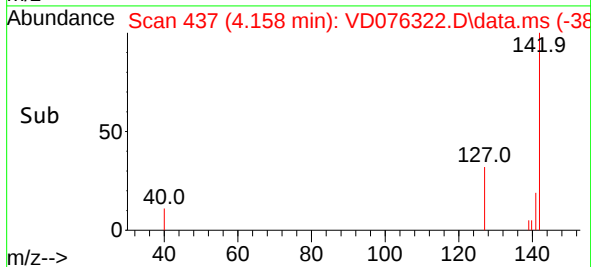
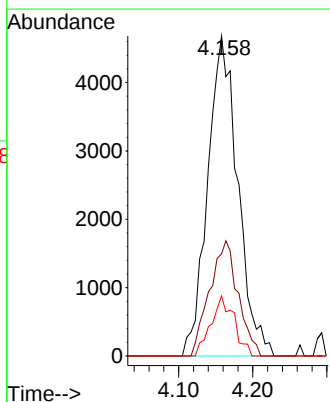
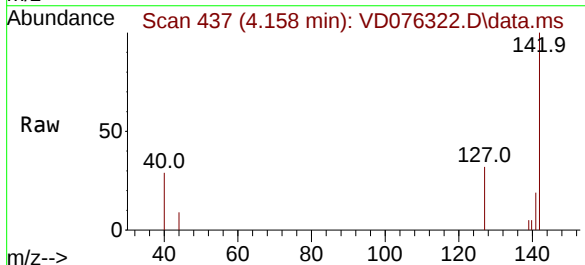
Ion	Ratio	Lower	Upper
101	100		
85	41.5	33.8	50.6
151	78.9	59.8	89.6

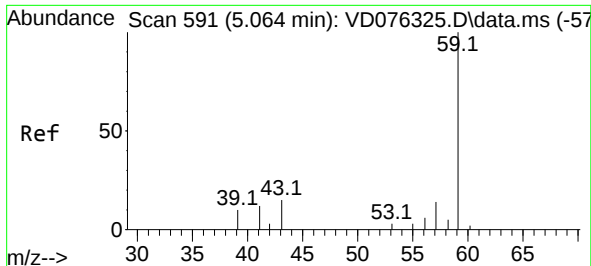


#10
Methyl Iodide
Concen: 4.609 ug/l
RT: 4.158 min Scan# 437
Delta R.T. 0.000 min
Lab File: VD076322.D
Acq: 05 Jun 2023 12:51

Tgt Ion:142 Resp: 13207

Ion	Ratio	Lower	Upper
142	100		
127	34.0	29.4	44.0
141	14.4	11.1	16.7





#11

Tert butyl alcohol

Concen: 13.682 ug/l

RT: 5.064 min Scan# 591

Delta R.T. 0.000 min

Lab File: VD076322.D

Acq: 05 Jun 2023 12:51

Instrument :

MSVOA_D

ClientSampleId :

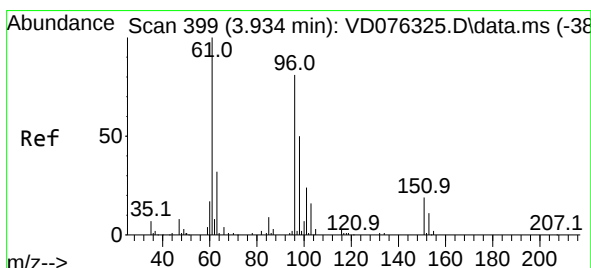
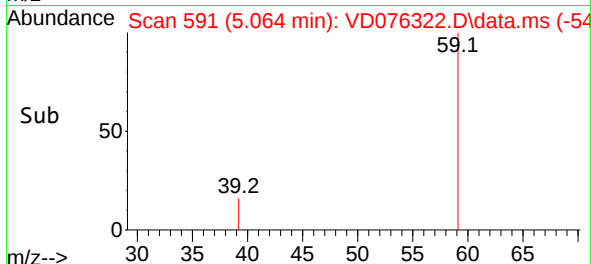
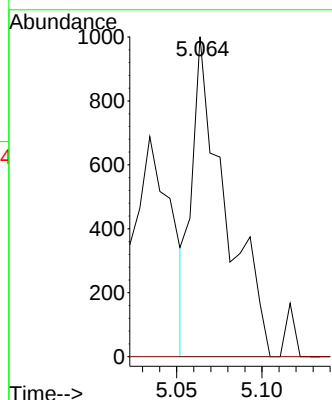
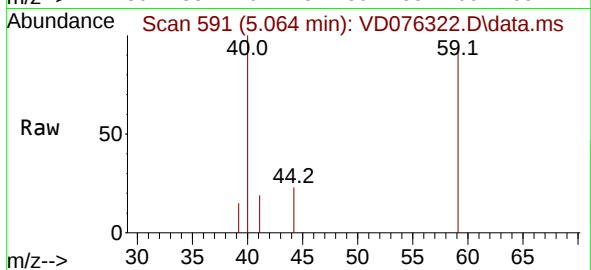
VSTDICC005

Tgt Ion: 59 Resp: 1360

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#12

1,1-Dichloroethene

Concen: 5.131 ug/l

RT: 3.940 min Scan# 400

Delta R.T. 0.006 min

Lab File: VD076322.D

Acq: 05 Jun 2023 12:51

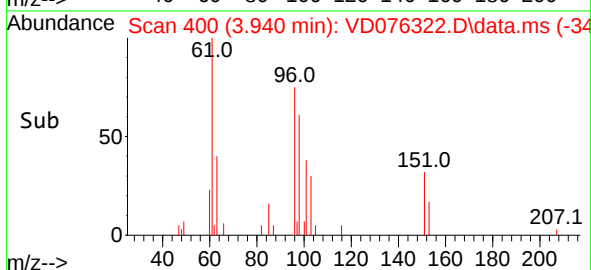
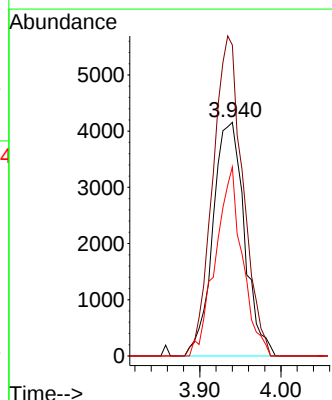
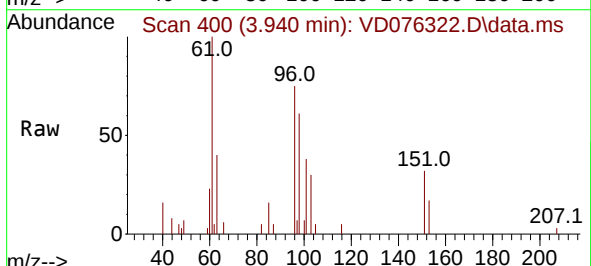
Tgt Ion: 96 Resp: 11215

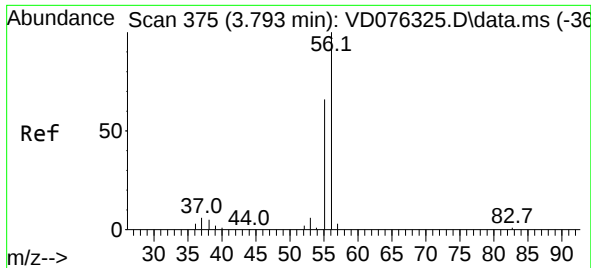
Ion Ratio Lower Upper

96 100

61 133.1 100.6 150.8

98 80.9 50.2 75.2#

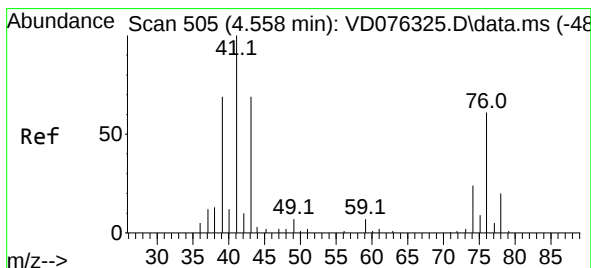
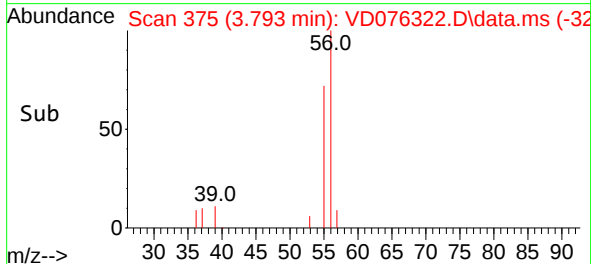
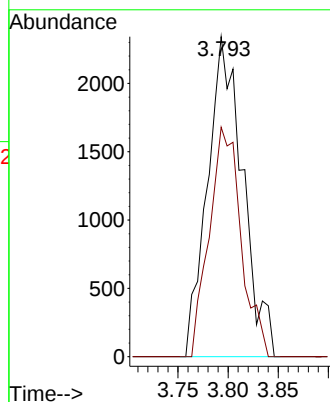
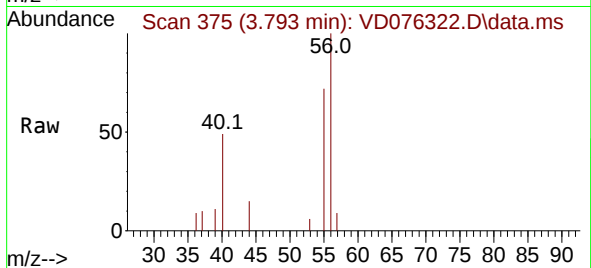




#13
Acrolein
Concen: 26.463 ug/l
RT: 3.793 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD076322.D
Acq: 05 Jun 2023 12:51

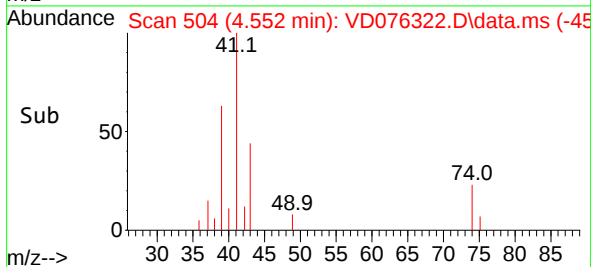
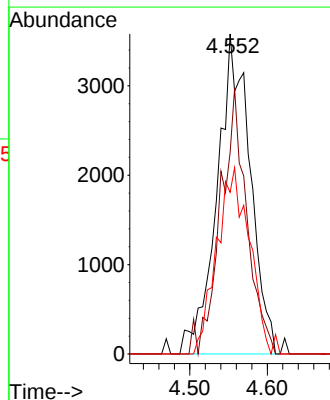
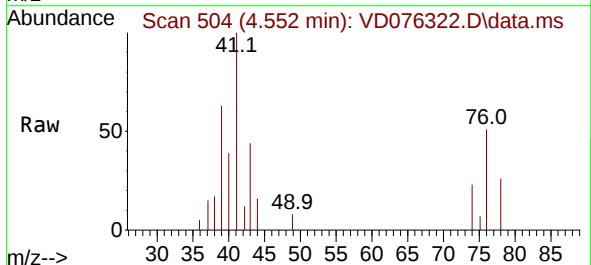
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

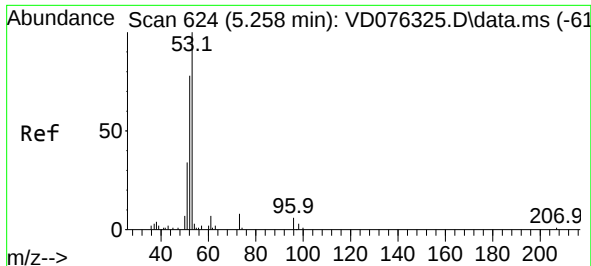
Tgt Ion: 56 Resp: 5723
Ion Ratio Lower Upper
56 100
55 64.7 55.1 82.7



#14
Allyl chloride
Concen: 4.942 ug/l
RT: 4.552 min Scan# 504
Delta R.T. -0.006 min
Lab File: VD076322.D
Acq: 05 Jun 2023 12:51

Tgt Ion: 41 Resp: 10613
Ion Ratio Lower Upper
41 100
39 66.5 53.8 80.6
76 57.3 45.8 68.8

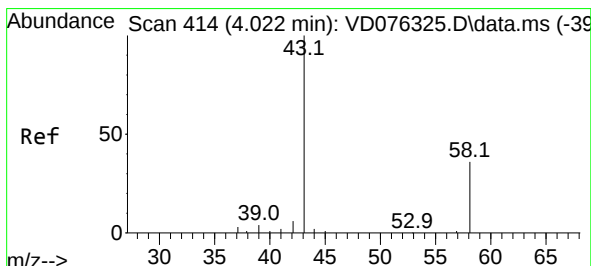
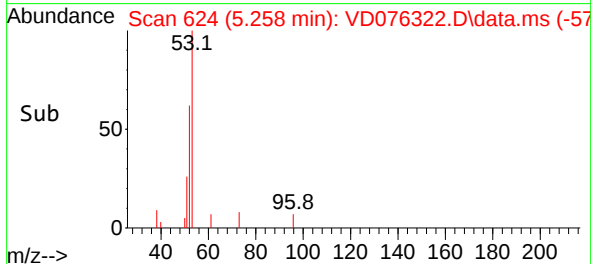
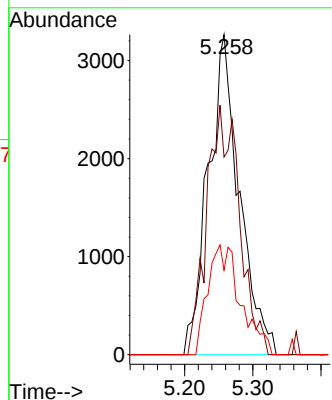
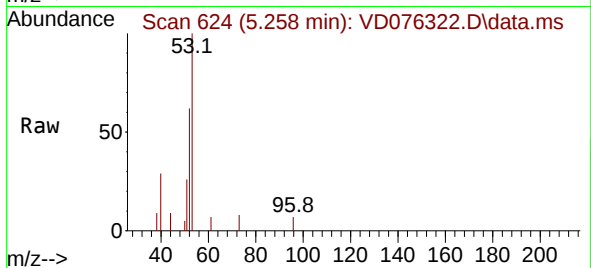




#15
Acrylonitrile
Concen: 24.586 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD076322.D
Acq: 05 Jun 2023 12:51

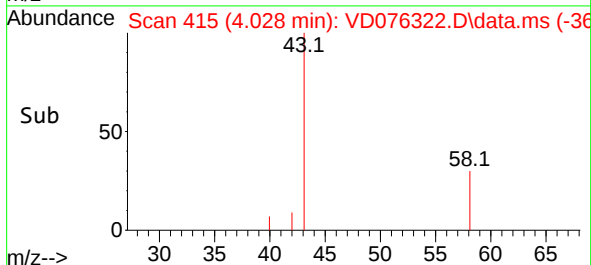
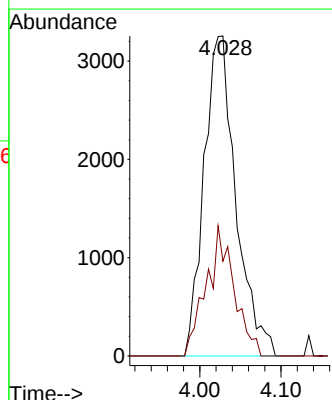
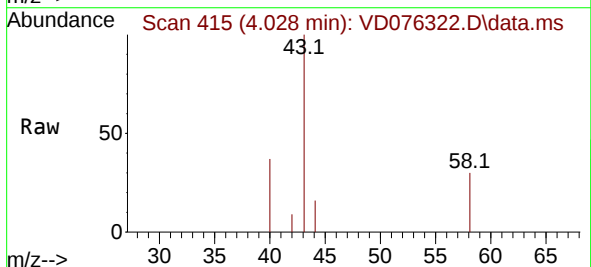
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

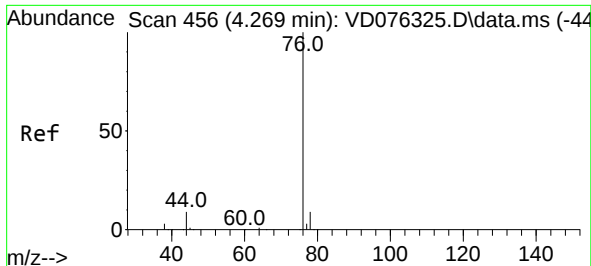
Tgt Ion:	53	Resp:	10309
Ion	Ratio	Lower	Upper
53	100		
52	81.8	65.0	97.4
51	36.4	28.3	42.5



#16
Acetone
Concen: 27.298 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD076322.D
Acq: 05 Jun 2023 12:51

Tgt Ion:	43	Resp:	8893
Ion	Ratio	Lower	Upper
43	100		
58	29.6	34.7	52.1#

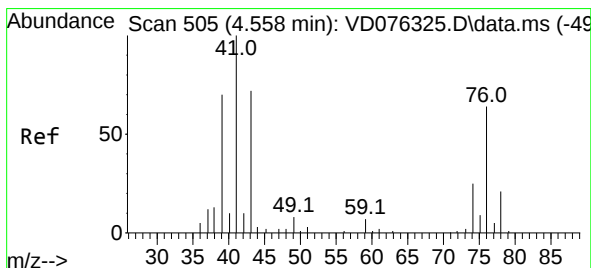
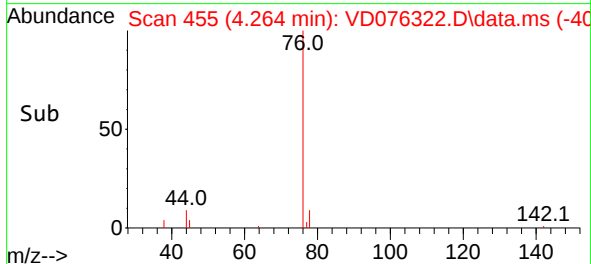
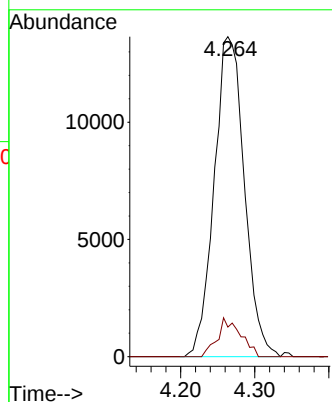
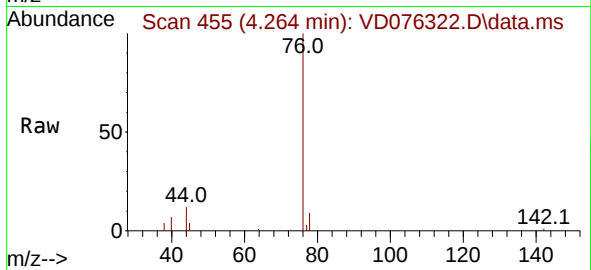




#17
Carbon Disulfide
Concen: 5.295 ug/l
RT: 4.264 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD076322.D
Acq: 05 Jun 2023 12:51

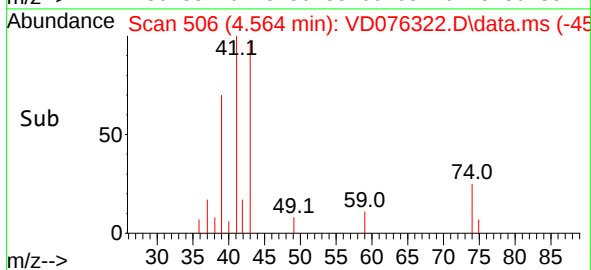
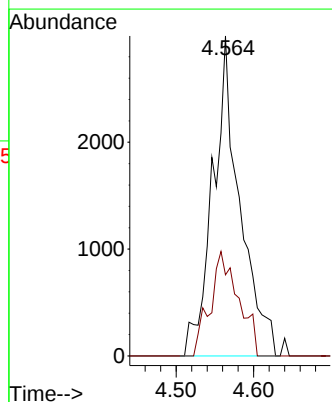
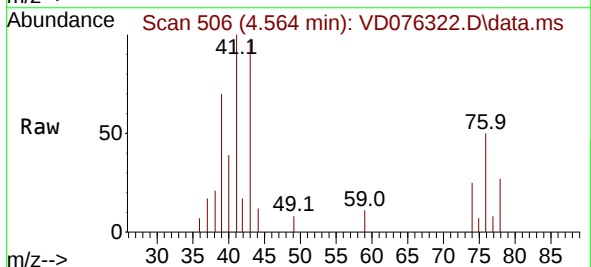
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

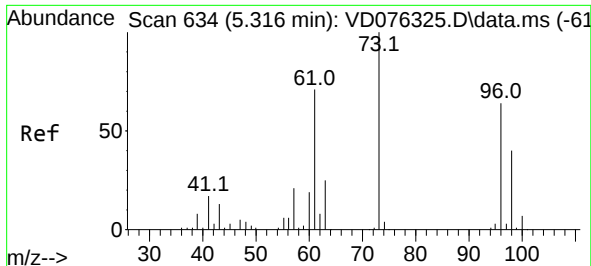
Tgt Ion: 76 Resp: 38606
Ion Ratio Lower Upper
76 100
78 9.3 6.8 10.2



#18
Methyl Acetate
Concen: 5.244 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD076322.D
Acq: 05 Jun 2023 12:51

Tgt Ion: 43 Resp: 7244
Ion Ratio Lower Upper
43 100
74 34.2 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 4.673 ug/l

RT: 5.317 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD076322.D

Acq: 05 Jun 2023 12:51

Instrument :

MSVOA_D

ClientSampleId :

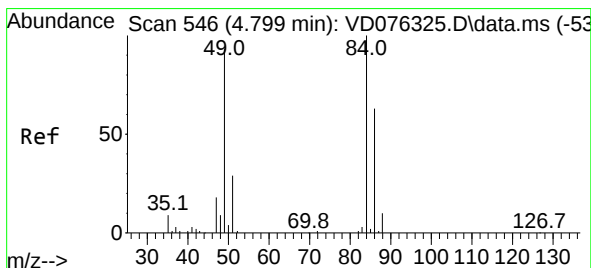
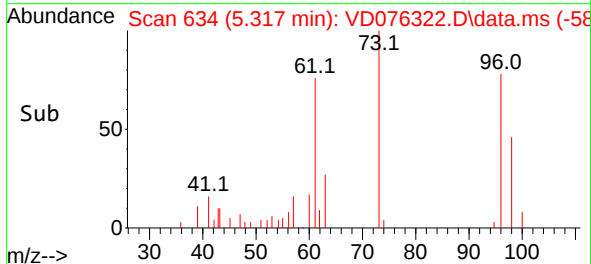
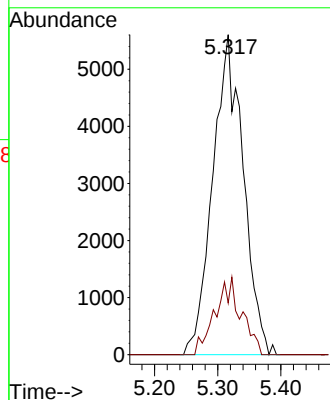
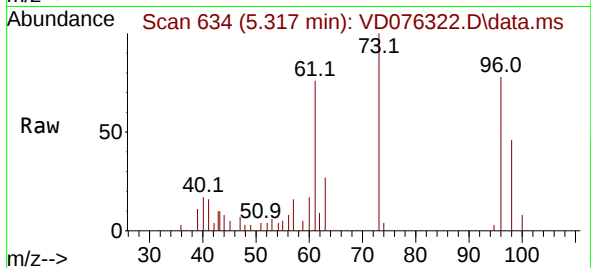
VSTDIC005

Tgt Ion: 73 Resp: 18819

Ion Ratio Lower Upper

73 100

57 16.1 16.6 25.0#



#20

Methylene Chloride

Concen: 3.658 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD076322.D

Acq: 05 Jun 2023 12:51

Tgt Ion: 84 Resp: 20821

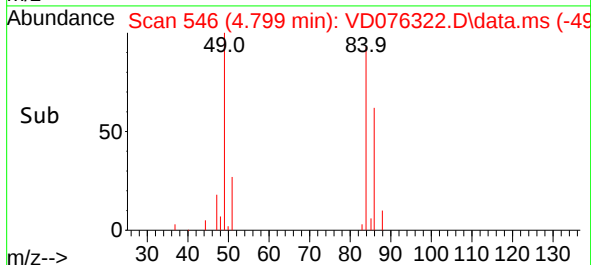
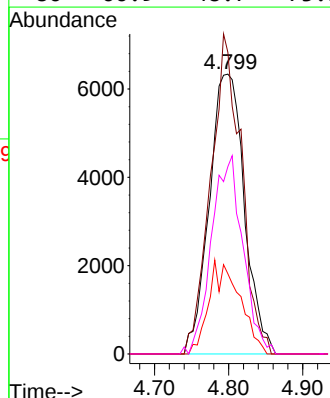
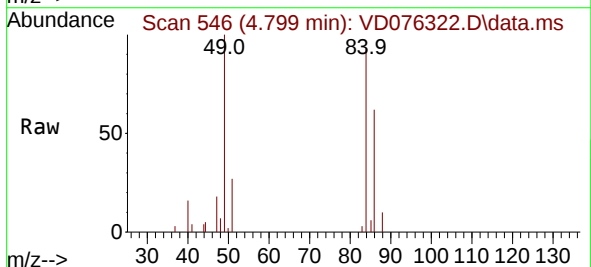
Ion Ratio Lower Upper

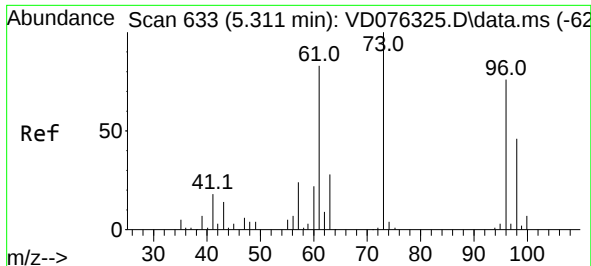
84 100

49 107.7 71.4 107.2#

51 28.6 24.5 36.7

86 66.9 48.7 73.1

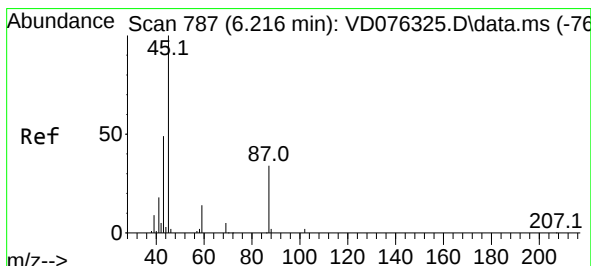
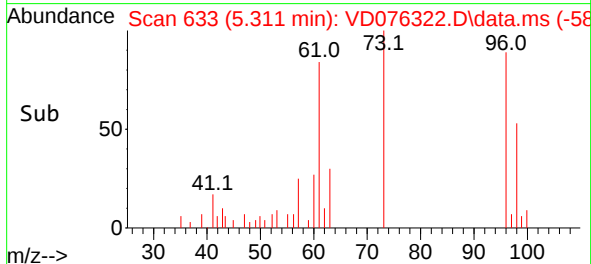
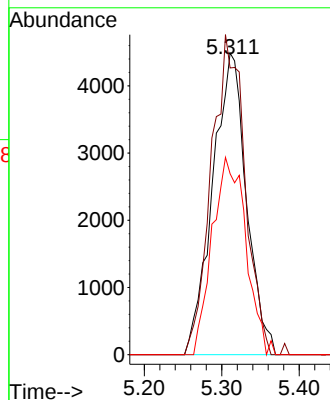
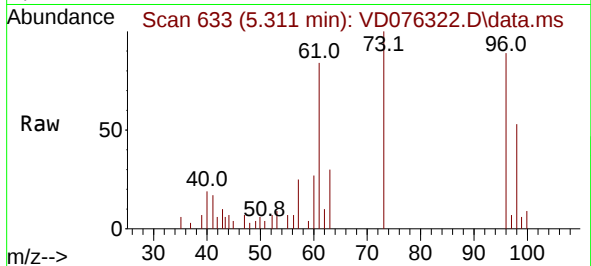




#21
trans-1,2-Dichloroethene
Concen: 5.374 ug/l
RT: 5.311 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD076322.D
Acq: 05 Jun 2023 12:51

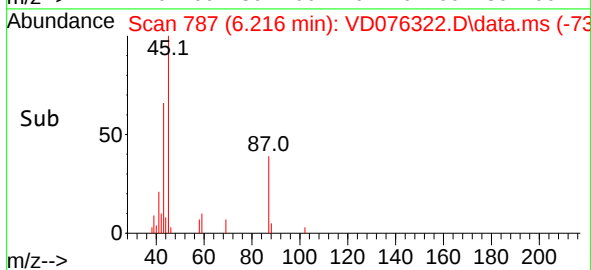
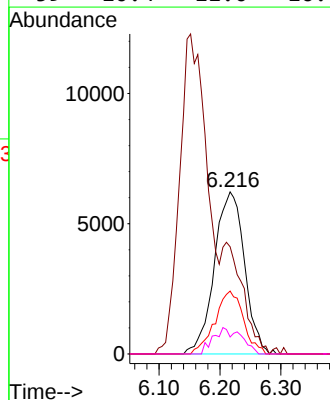
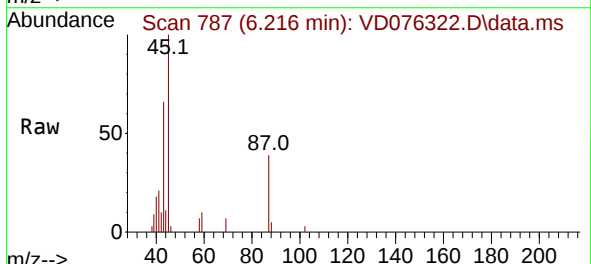
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

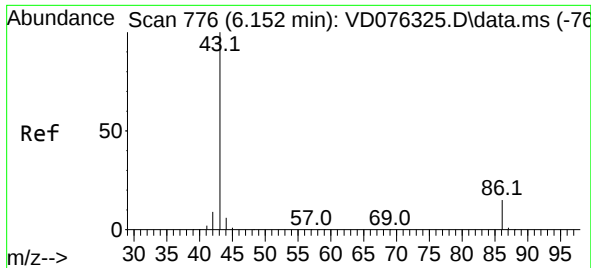
Tgt Ion: 96 Resp: 13612
Ion Ratio Lower Upper
96 100
61 95.1 89.3 133.9
98 60.0 48.6 73.0



#22
Diisopropyl ether
Concen: 4.492 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD076322.D
Acq: 05 Jun 2023 12:51

Tgt Ion: 45 Resp: 21454
Ion Ratio Lower Upper
45 100
43 66.1 40.0 60.0#
87 38.8 28.2 42.4
59 10.4 11.0 16.4#

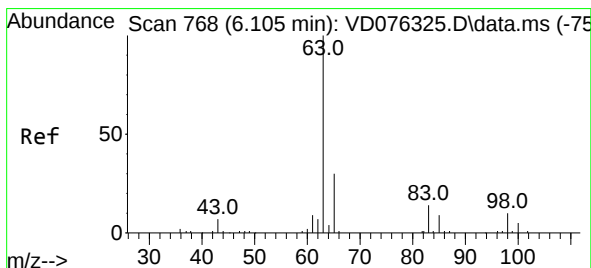
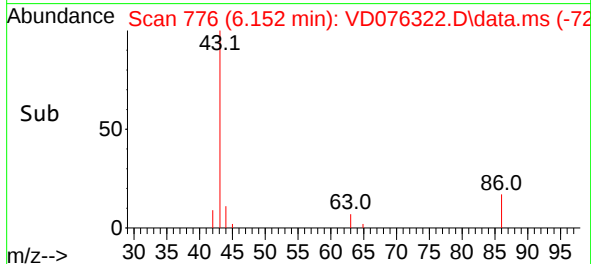
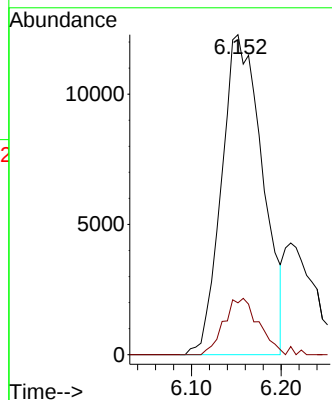
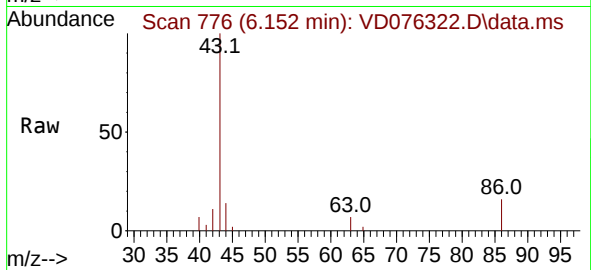




#23
 Vinyl Acetate
 Concen: 21.464 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. 0.000 min
 Lab File: VD076322.D
 Acq: 05 Jun 2023 12:51

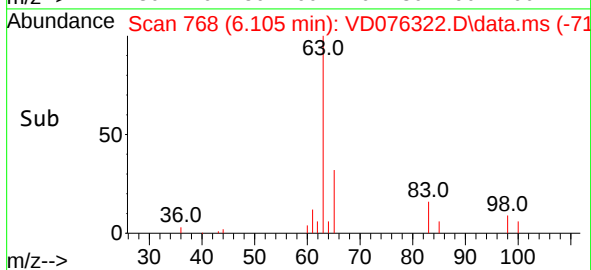
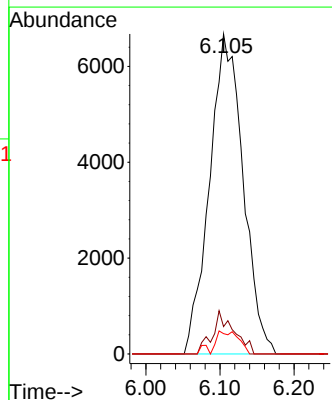
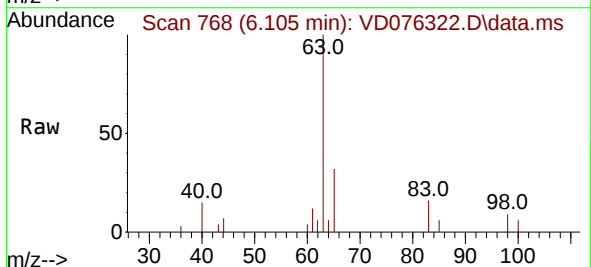
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

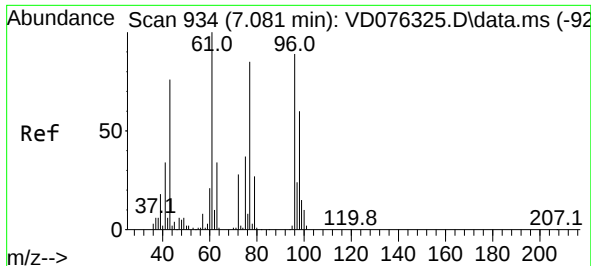
Tgt Ion: 43 Resp: 38989
 Ion Ratio Lower Upper
 43 100
 86 16.2 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 5.382 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. 0.000 min
 Lab File: VD076322.D
 Acq: 05 Jun 2023 12:51

Tgt Ion: 63 Resp: 20994
 Ion Ratio Lower Upper
 63 100
 98 8.5 4.5 13.7
 100 6.4 2.5 7.5

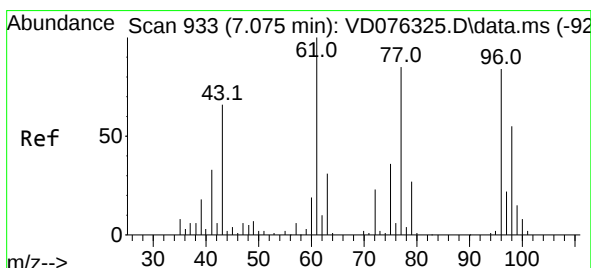
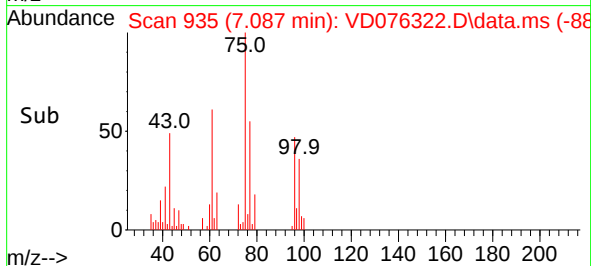
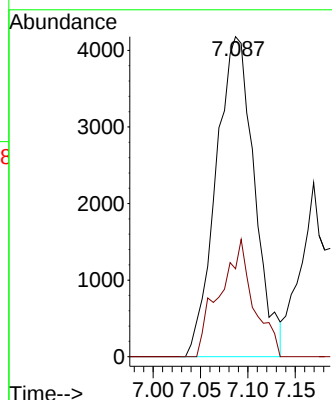
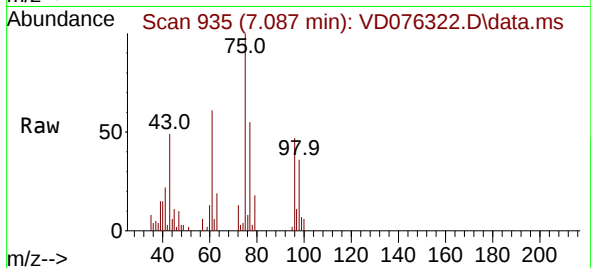




#25
2-Butanone
Concen: 26.096 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD076322.D
Acq: 05 Jun 2023 12:51

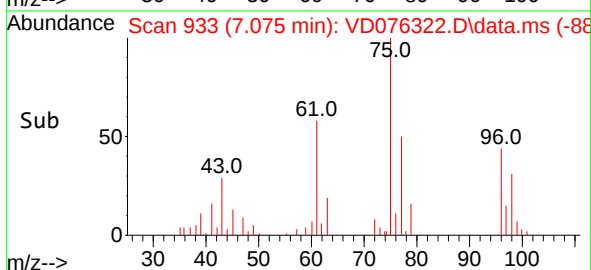
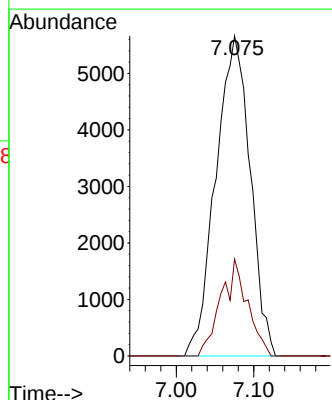
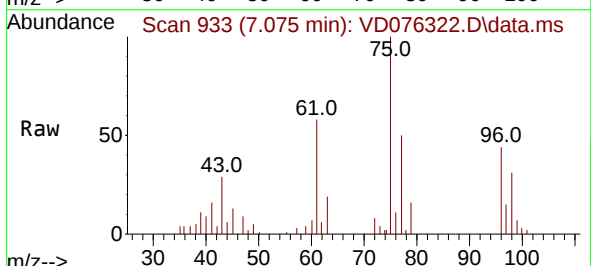
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

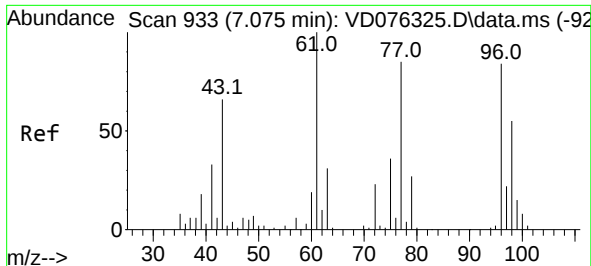
Tgt Ion: 43 Resp: 11772
Ion Ratio Lower Upper
43 100
72 27.4 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 5.409 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD076322.D
Acq: 05 Jun 2023 12:51

Tgt Ion: 77 Resp: 17471
Ion Ratio Lower Upper
77 100
97 23.5 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 4.879 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD076322.D

Acq: 05 Jun 2023 12:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

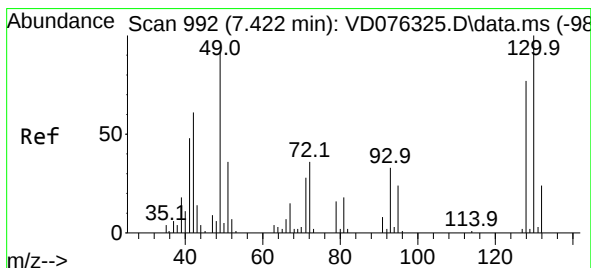
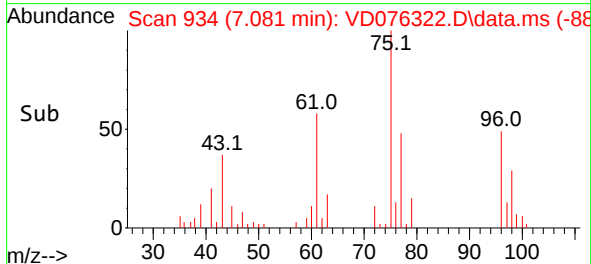
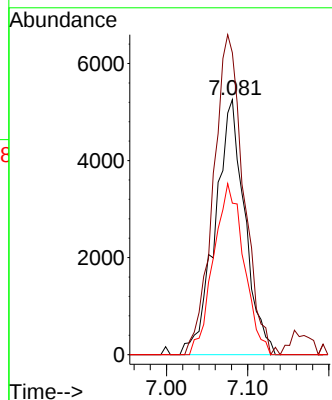
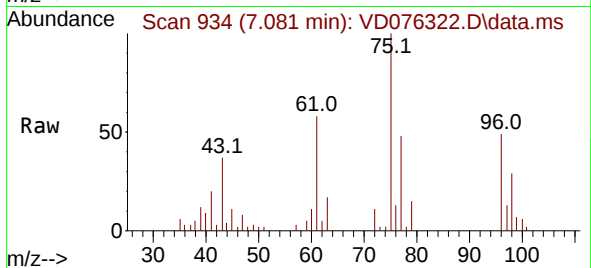
Tgt Ion: 96 Resp: 13350

Ion Ratio Lower Upper

96 100

61 128.2 0.0 239.2

98 68.7 0.0 128.6



#28

Bromochloromethane

Concen: 3.984 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.006 min

Lab File: VD076322.D

Acq: 05 Jun 2023 12:51

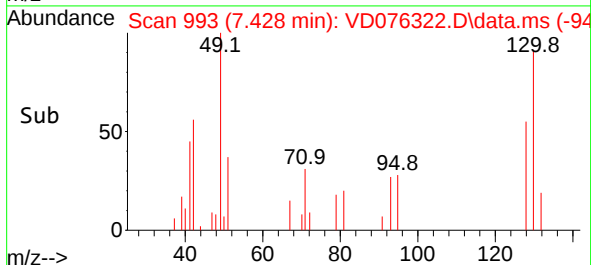
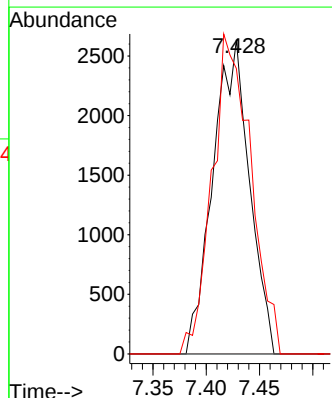
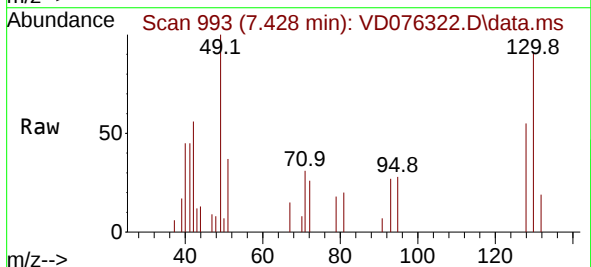
Tgt Ion: 49 Resp: 6289

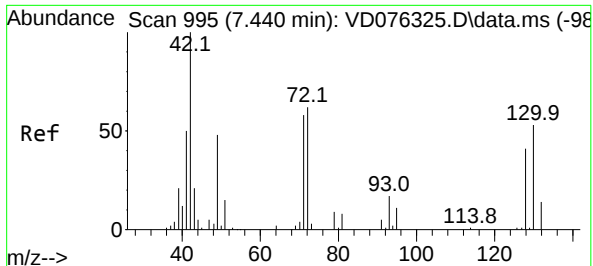
Ion Ratio Lower Upper

49 100

129 0.0 0.0 6.0

130 107.4 83.2 124.8





#29

Tetrahydrofuran

Concen: 23.124 ug/l

RT: 7.446 min Scan# 995

Delta R.T. 0.006 min

Lab File: VD076322.D

Acq: 05 Jun 2023 12:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

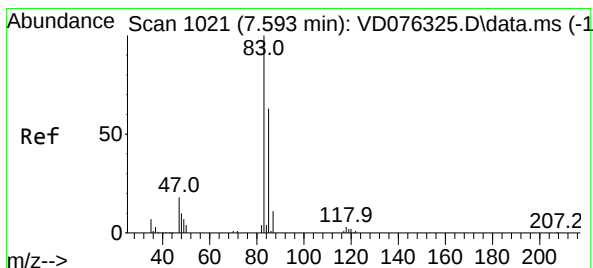
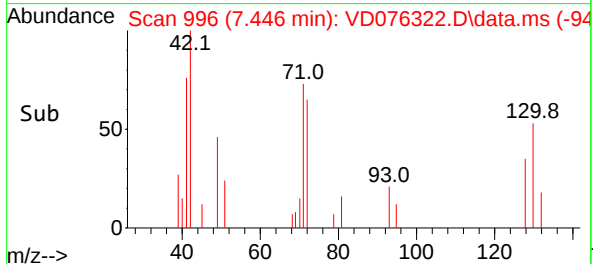
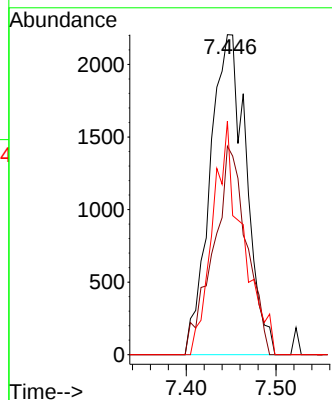
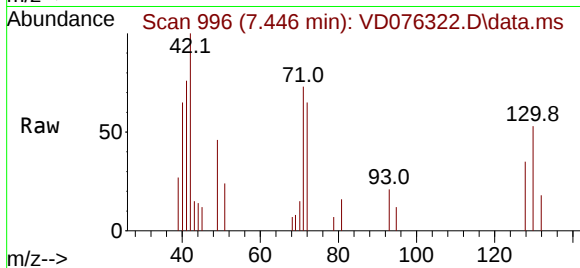
Tgt Ion: 42 Resp: 6154

Ion Ratio Lower Upper

42 100

72 60.2 46.5 69.7

71 60.1 44.5 66.7



#30

Chloroform

Concen: 5.552 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD076322.D

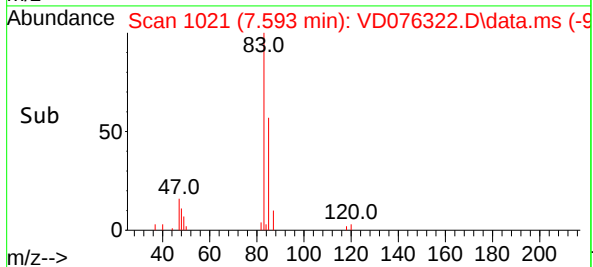
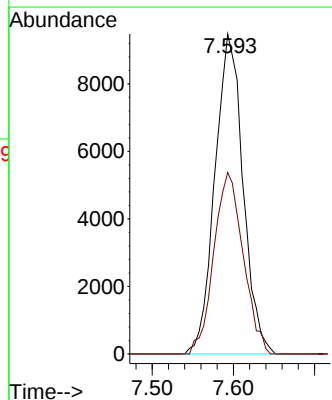
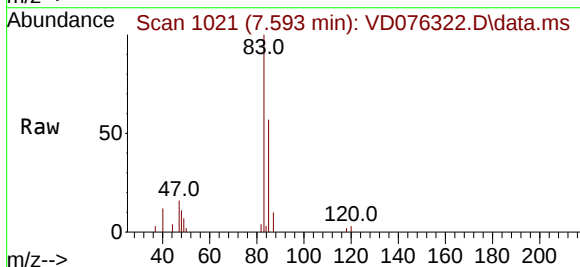
Acq: 05 Jun 2023 12:51

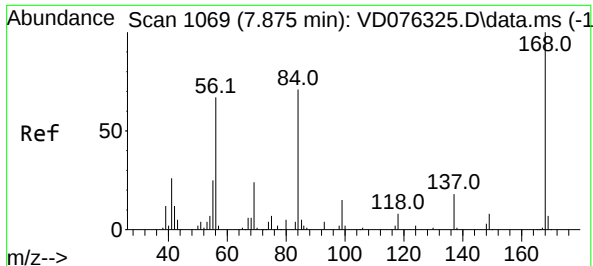
Tgt Ion: 83 Resp: 22729

Ion Ratio Lower Upper

83 100

85 56.7 53.4 80.2

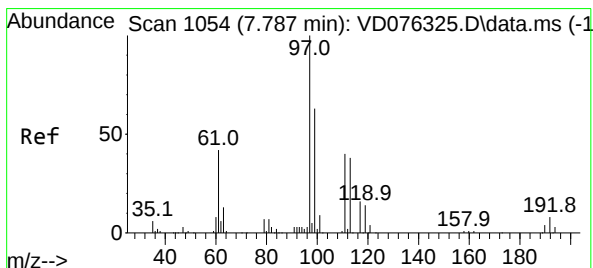
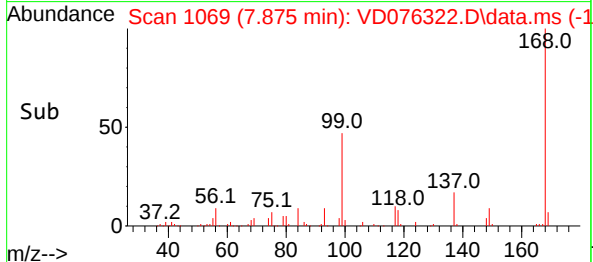
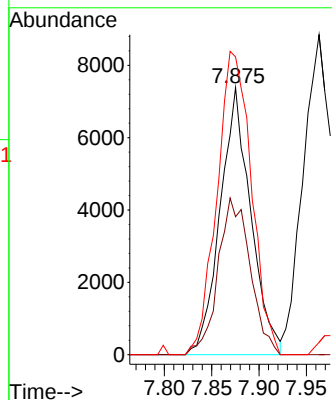
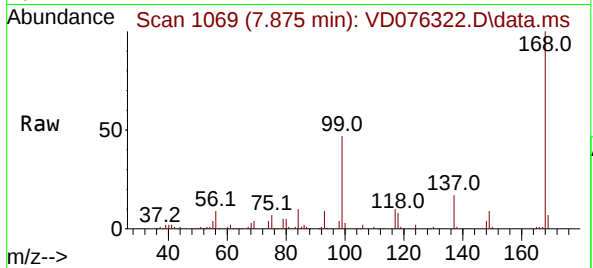




#31
Cyclohexane
Concen: 5.573 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076322.D
Acq: 05 Jun 2023 12:51

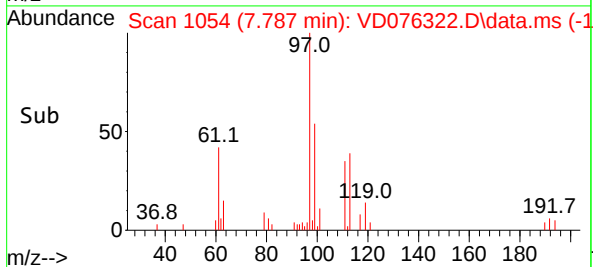
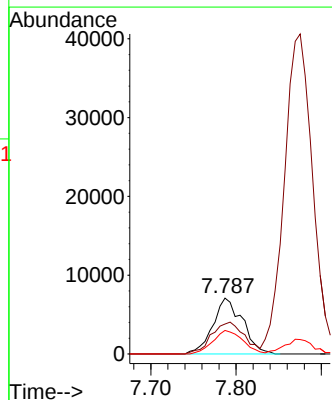
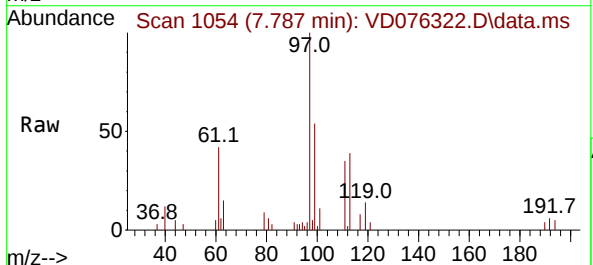
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

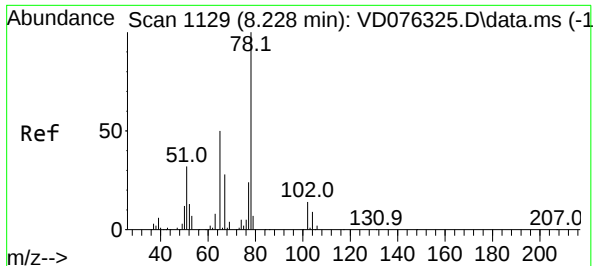
Tgt Ion: 56 Resp: 16641
Ion Ratio Lower Upper
56 100
69 51.6 28.6 43.0#
84 111.4 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 5.251 ug/l
RT: 7.787 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VD076322.D
Acq: 05 Jun 2023 12:51

Tgt Ion: 97 Resp: 17118
Ion Ratio Lower Upper
97 100
99 63.3 52.0 78.0
61 42.7 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 5.419 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD076322.D

Acq: 05 Jun 2023 12:51

Instrument :

MSVOA_D

ClientSampleId :

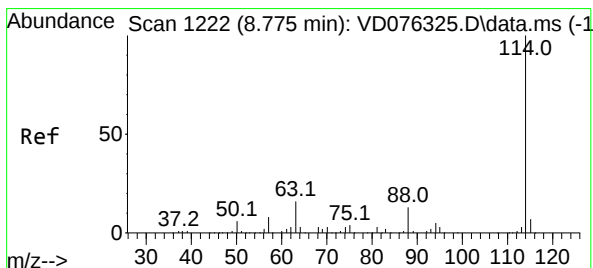
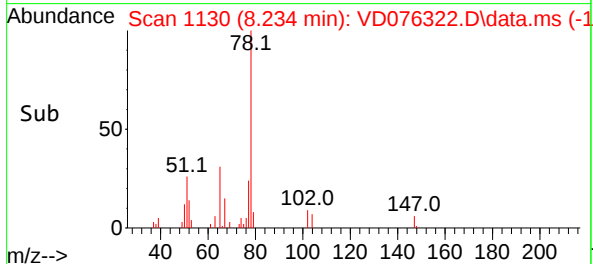
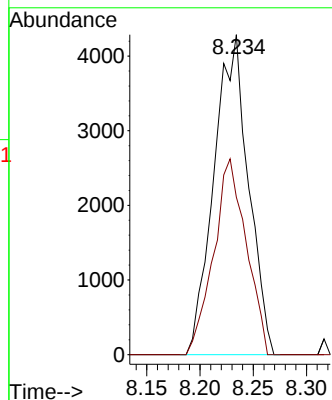
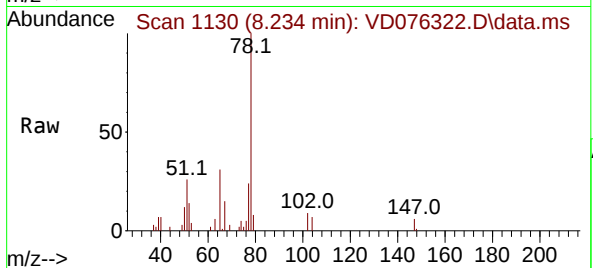
VSTDIC005

Tgt Ion: 65 Resp: 9638

Ion Ratio Lower Upper

65 100

67 58.0 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD076322.D

Acq: 05 Jun 2023 12:51

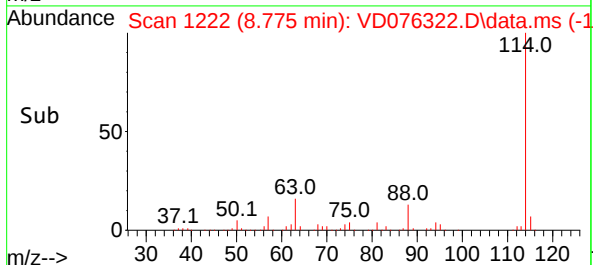
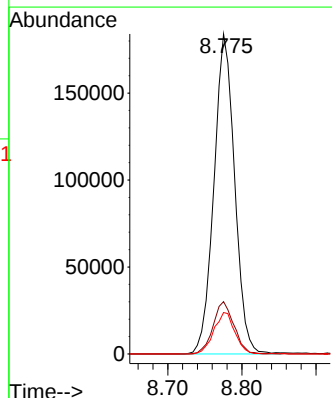
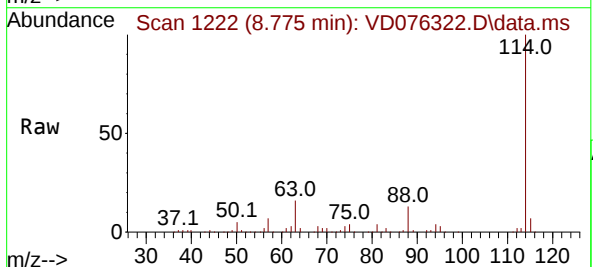
Tgt Ion: 114 Resp: 356942

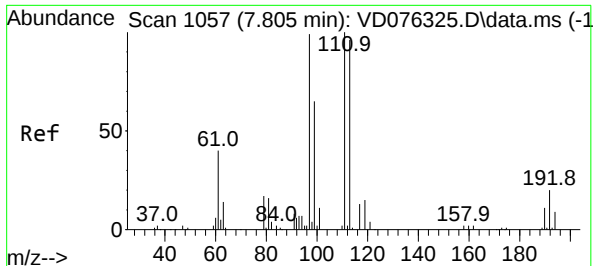
Ion Ratio Lower Upper

114 100

63 16.4 0.0 33.4

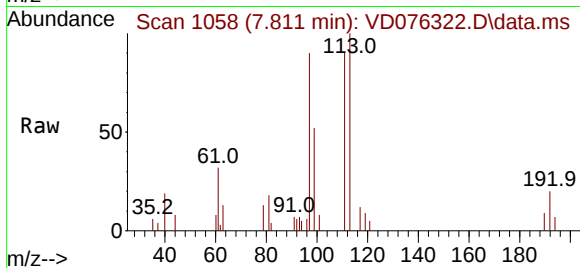
88 13.0 0.0 26.2



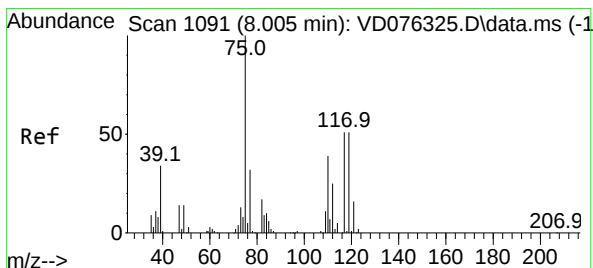
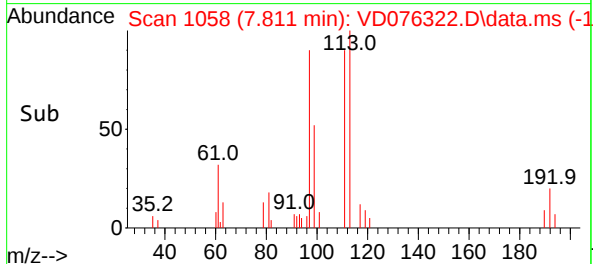
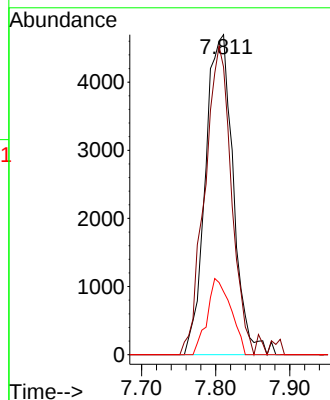


#35
Dibromofluoromethane
Concen: 5.410 ug/l
RT: 7.811 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD076322.D
Acq: 05 Jun 2023 12:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

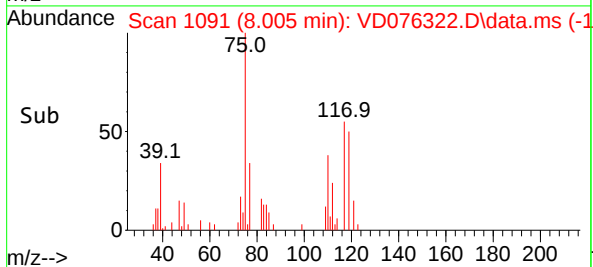
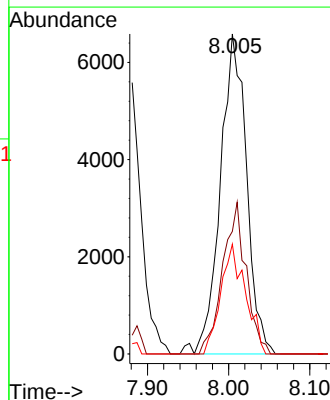
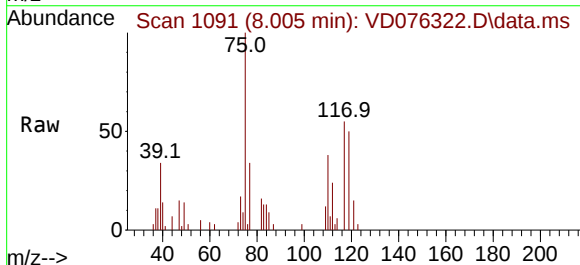


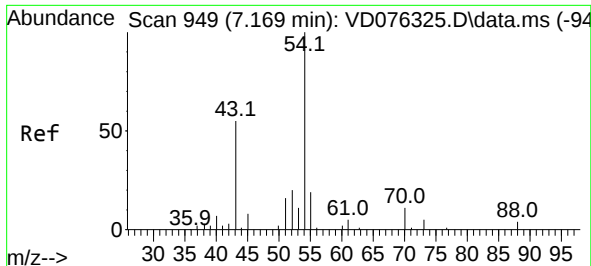
Tgt Ion:113 Resp: 12261
Ion Ratio Lower Upper
113 100
111 92.3 84.7 127.1
192 20.1 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.539 ug/l
RT: 8.005 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD076322.D
Acq: 05 Jun 2023 12:51

Tgt Ion: 75 Resp: 14781
Ion Ratio Lower Upper
75 100
110 42.5 19.9 59.6
77 32.4 24.7 37.1





#37

Ethyl Acetate

Concen: 4.834 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD076322.D

Acq: 05 Jun 2023 12:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

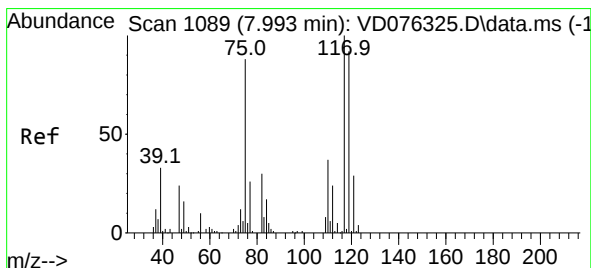
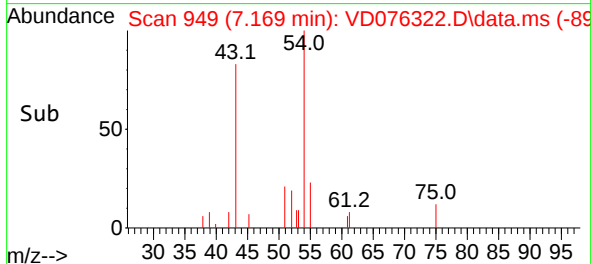
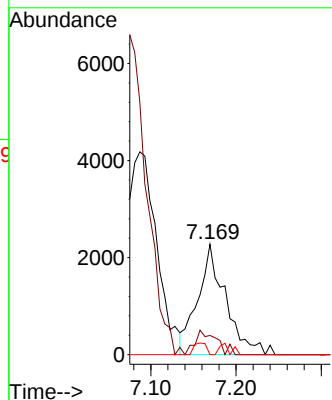
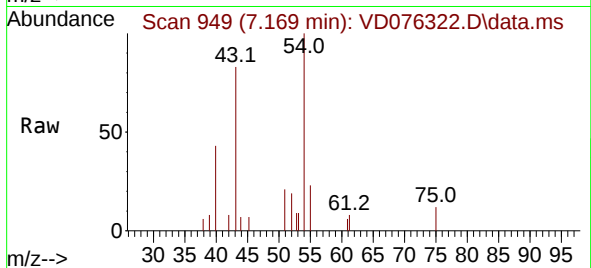
Tgt Ion: 43 Resp: 5193

Ion Ratio Lower Upper

43 100

61 17.1 14.9 22.3

70 4.6 10.0 15.0#



#38

Carbon Tetrachloride

Concen: 4.766 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD076322.D

Acq: 05 Jun 2023 12:51

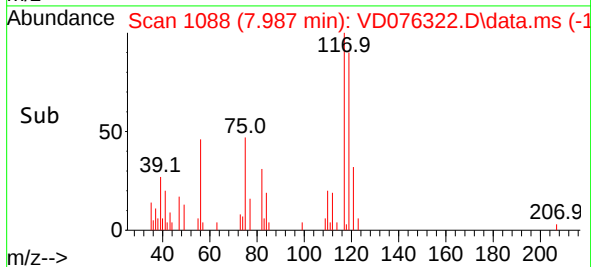
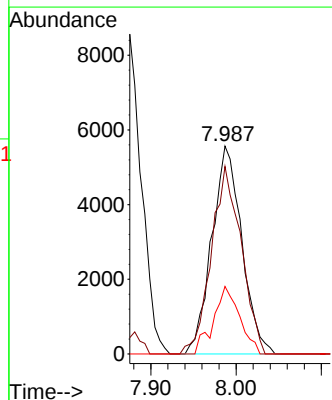
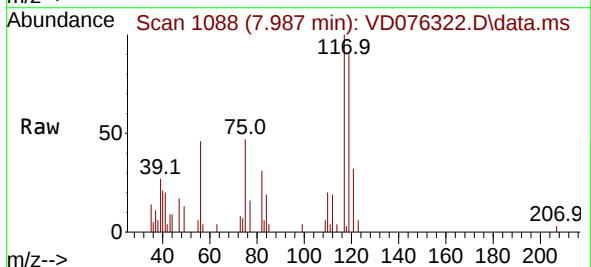
Tgt Ion: 117 Resp: 13604

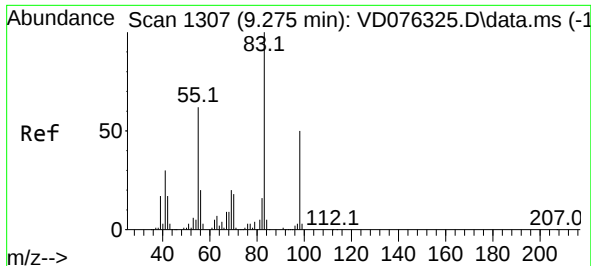
Ion Ratio Lower Upper

117 100

119 90.2 78.0 117.0

121 32.5 24.2 36.2





#39

Methylcyclohexane

Concen: 4.095 ug/l

RT: 9.275 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD076322.D

Acq: 05 Jun 2023 12:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

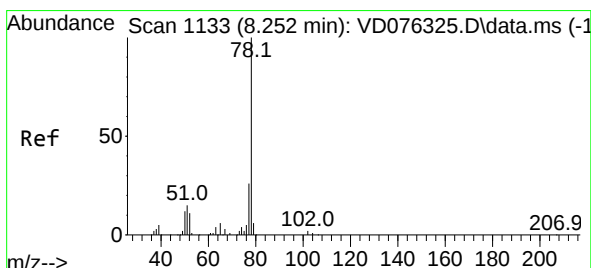
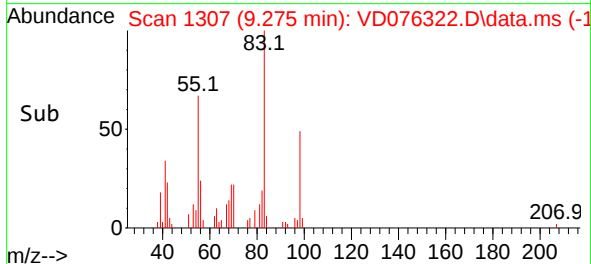
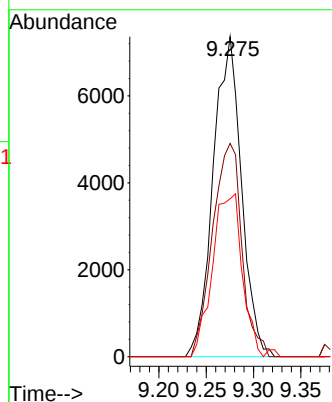
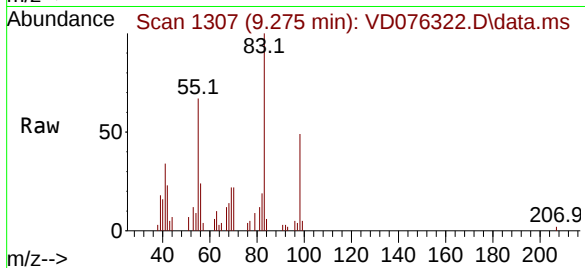
Tgt Ion: 83 Resp: 15237

Ion Ratio Lower Upper

83 100

55 66.7 49.4 74.0

98 49.4 38.4 57.6



#40

Benzene

Concen: 4.810 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VD076322.D

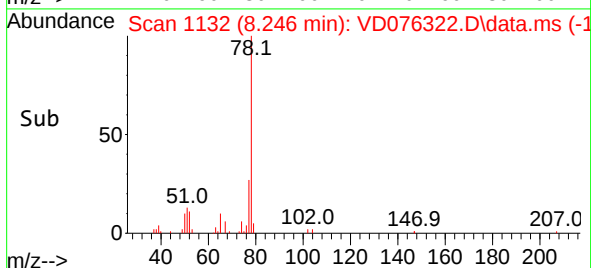
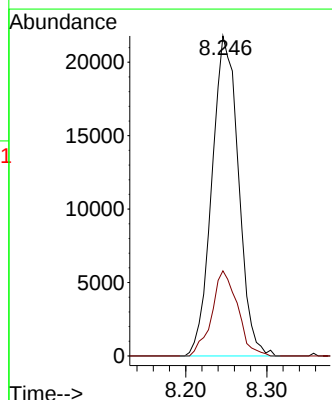
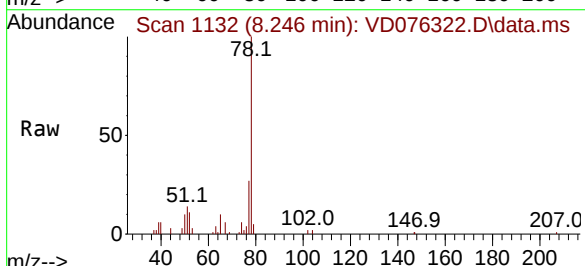
Acq: 05 Jun 2023 12:51

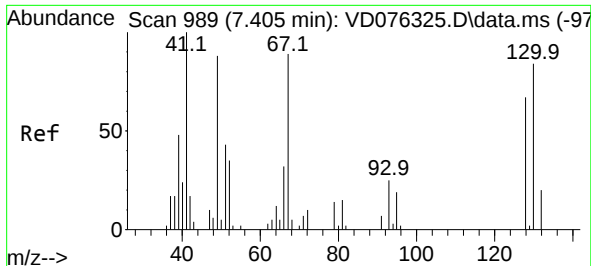
Tgt Ion: 78 Resp: 49547

Ion Ratio Lower Upper

78 100

77 26.6 19.4 29.0

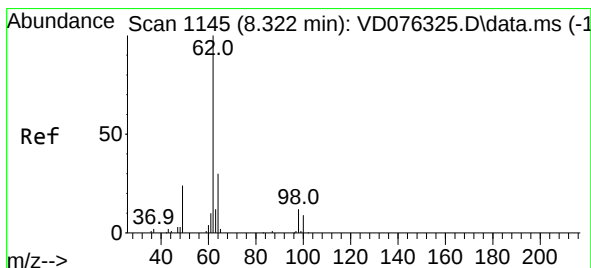
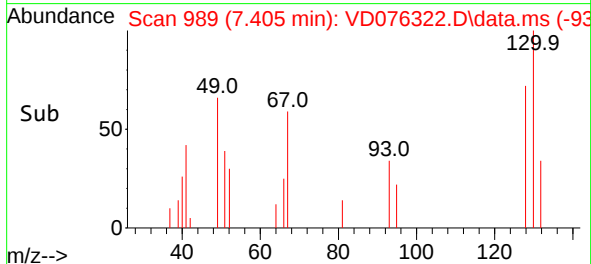
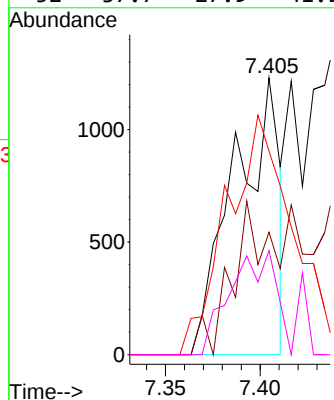
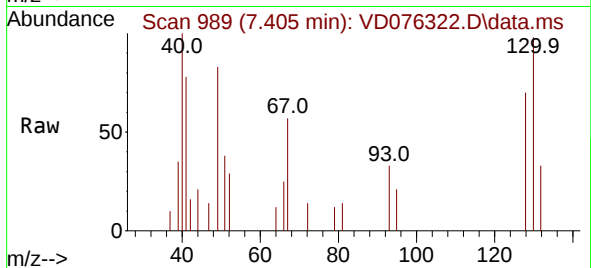




#41
Methacrylonitrile
Concen: 3.756 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076322.D
Acq: 05 Jun 2023 12:51

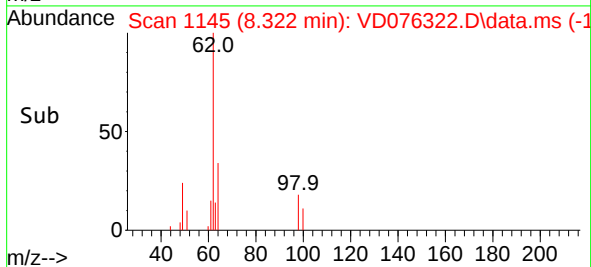
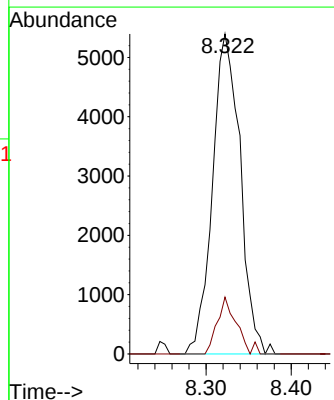
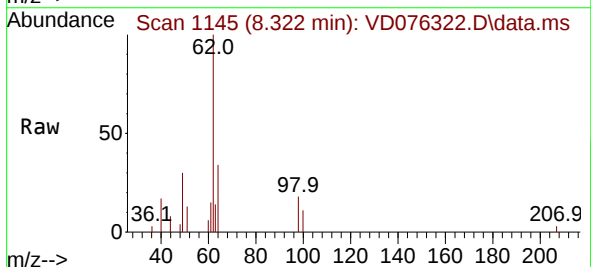
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

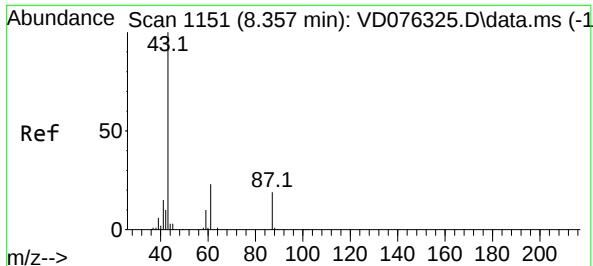
Tgt Ion: 41	Resp: 2056
Ion Ratio	Lower Upper
41 100	
39 48.5	34.0 51.0
67 122.9	77.0 115.4#
52 37.7	27.9 41.9



#42
1,2-Dichloroethane
Concen: 5.117 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD076322.D
Acq: 05 Jun 2023 12:51

Tgt Ion: 62	Resp: 12174
Ion Ratio	Lower Upper
62 100	
98 12.4	0.0 25.4





#43

Isopropyl Acetate

Concen: 4.274 ug/l

RT: 8.358 min Scan# 1151

Delta R.T. 0.000 min

Lab File: VD076322.D

Acq: 05 Jun 2023 12:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

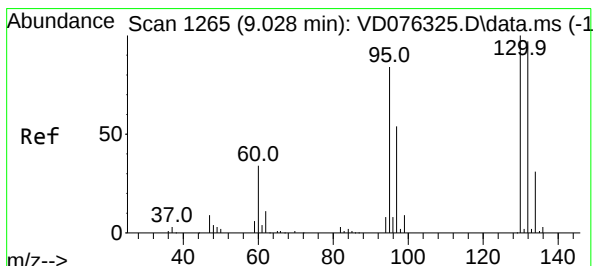
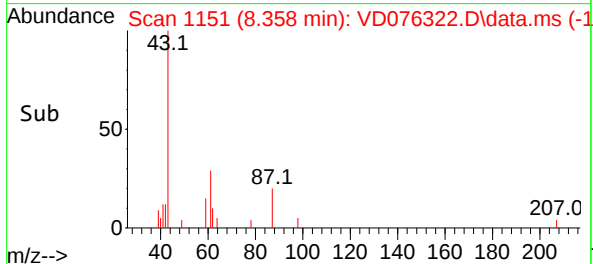
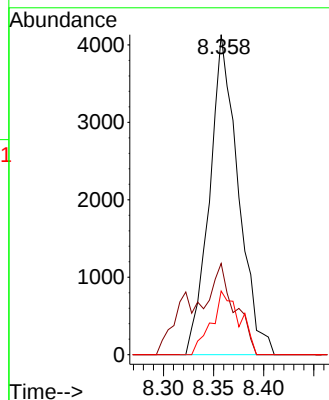
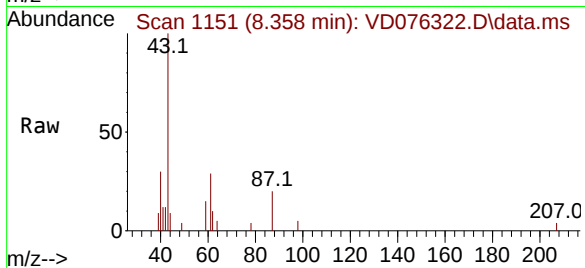
Tgt Ion: 43 Resp: 8228

Ion Ratio Lower Upper

43 100

61 23.6 31.4 47.0#

87 19.6 14.9 22.3



#44

Trichloroethene

Concen: 4.840 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD076322.D

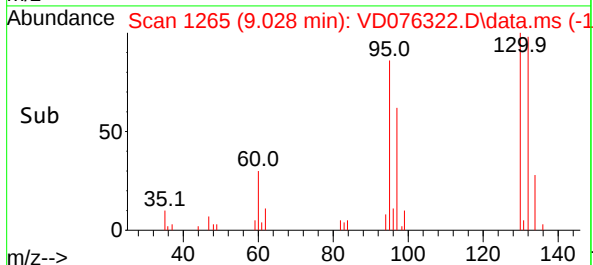
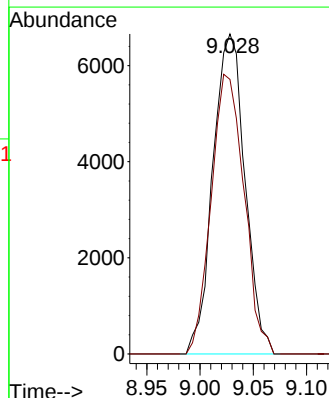
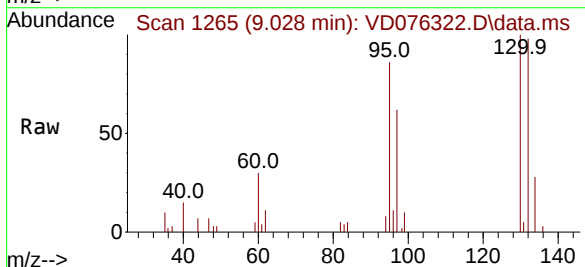
Acq: 05 Jun 2023 12:51

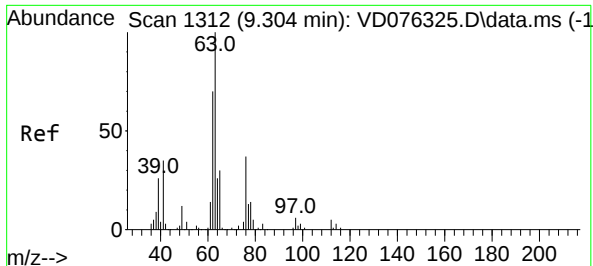
Tgt Ion:130 Resp: 13940

Ion Ratio Lower Upper

130 100

95 85.8 0.0 179.2





#45

1,2-Dichloropropane

Concen: 4.820 ug/l

RT: 9.310 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD076322.D

Acq: 05 Jun 2023 12:51

Instrument :

MSVOA_D

ClientSampleId :

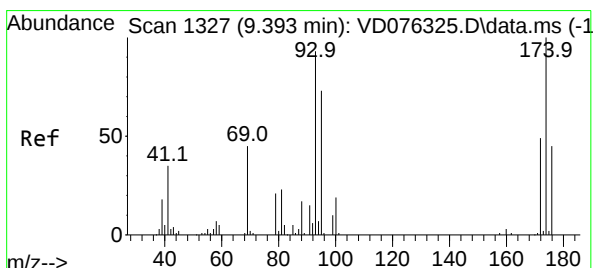
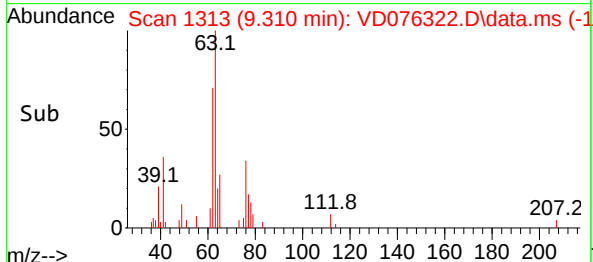
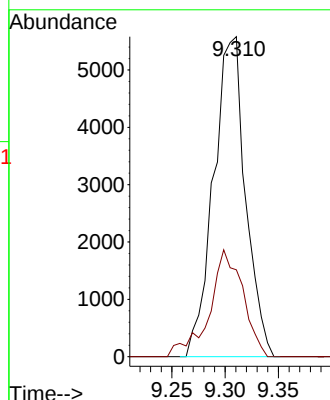
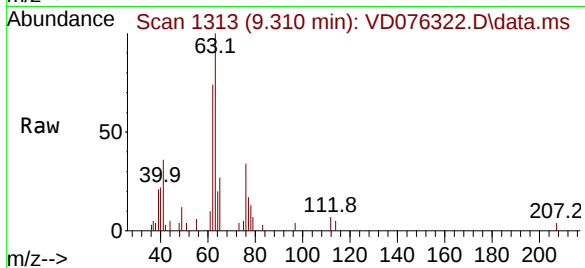
VSTDIC005

Tgt Ion: 63 Resp: 11653

Ion Ratio Lower Upper

63 100

65 27.1 24.5 36.7



#46

Dibromomethane

Concen: 4.980 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD076322.D

Acq: 05 Jun 2023 12:51

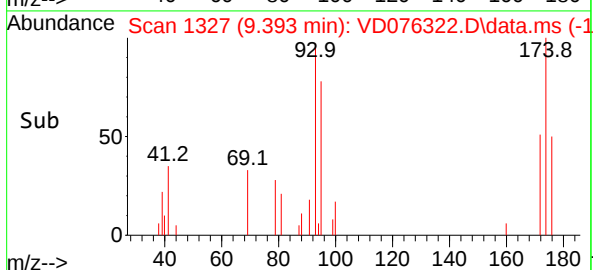
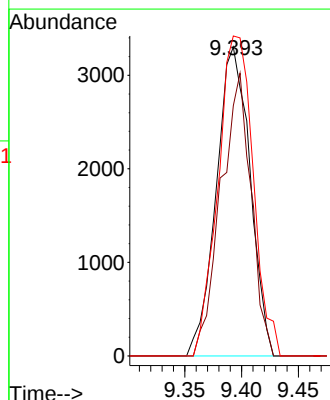
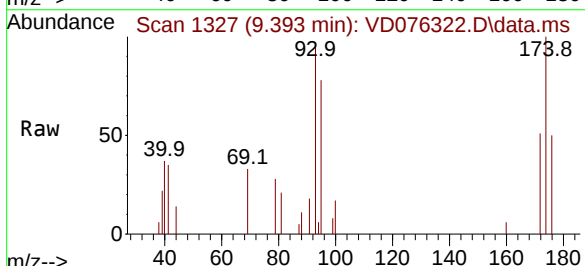
Tgt Ion: 93 Resp: 6815

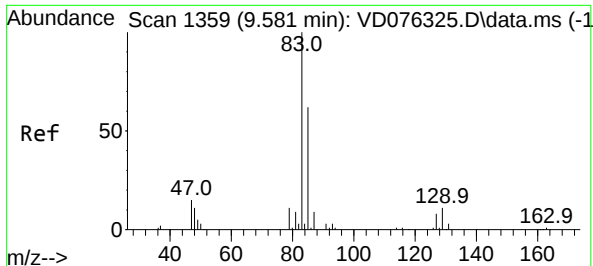
Ion Ratio Lower Upper

93 100

95 82.2 67.7 101.5

174 108.2 85.4 128.2





#47

Bromodichloromethane

Concen: 4.855 ug/l

RT: 9.581 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD076322.D

Acq: 05 Jun 2023 12:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

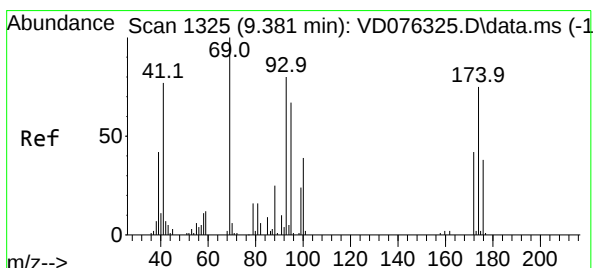
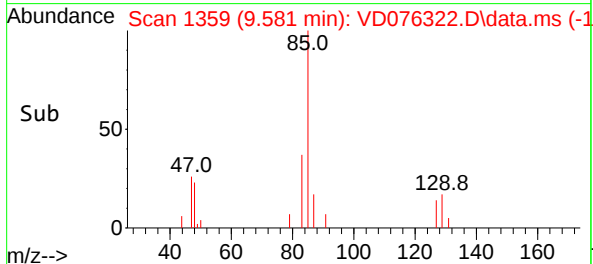
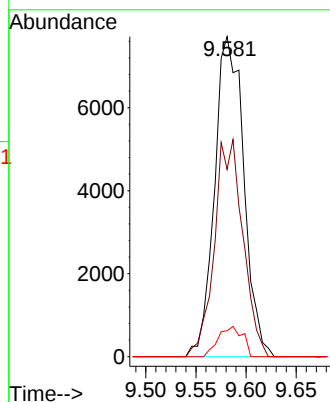
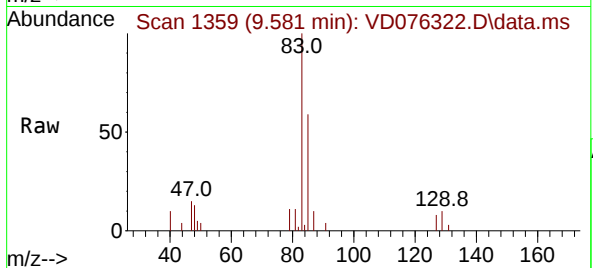
Tgt Ion: 83 Resp: 15573

Ion Ratio Lower Upper

83 100

85 58.5 50.2 75.4

127 8.1 6.3 9.5



#48

Methyl methacrylate

Concen: 4.427 ug/l

RT: 9.375 min Scan# 1324

Delta R.T. -0.006 min

Lab File: VD076322.D

Acq: 05 Jun 2023 12:51

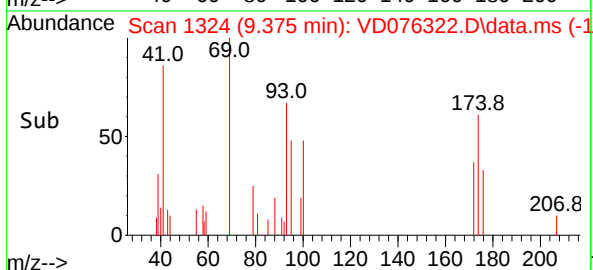
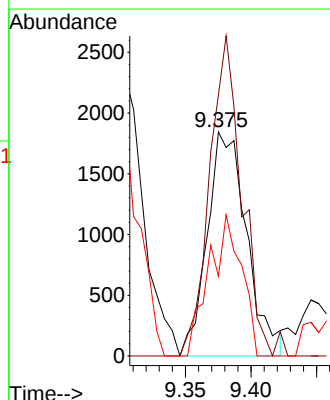
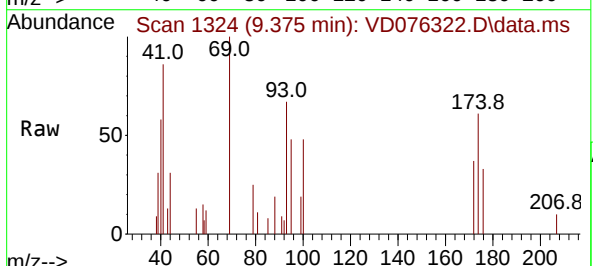
Tgt Ion: 41 Resp: 3861

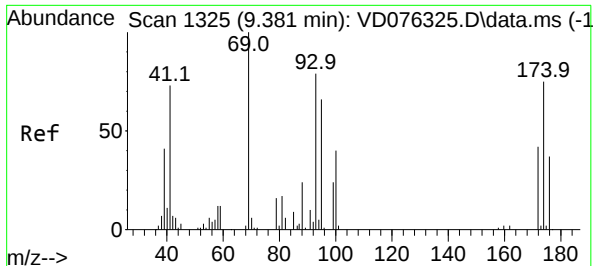
Ion Ratio Lower Upper

41 100

69 115.6 102.2 153.2

39 51.7 41.4 62.2





#49

1,4-Dioxane

Concen: 75.210 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD076322.D

Acq: 05 Jun 2023 12:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

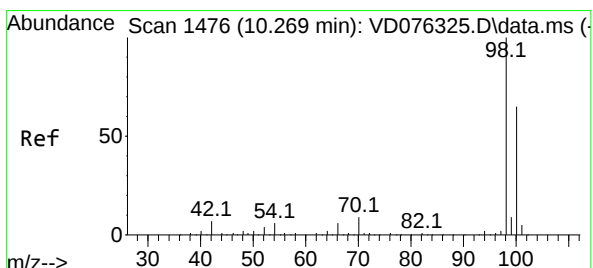
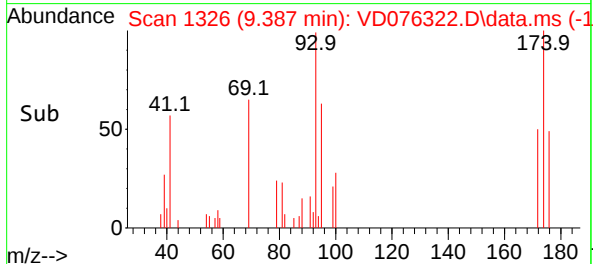
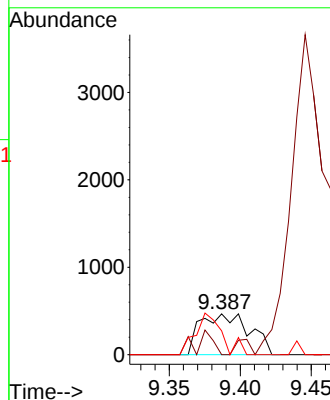
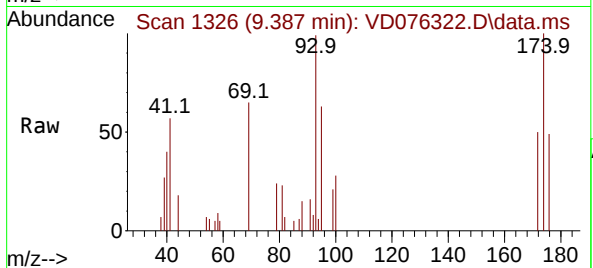
Tgt Ion: 88 Resp: 1128

Ion Ratio Lower Upper

88 100

43 20.2 19.0 28.6

58 55.1 43.5 65.3



#50

Toluene-d8

Concen: 4.581 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076322.D

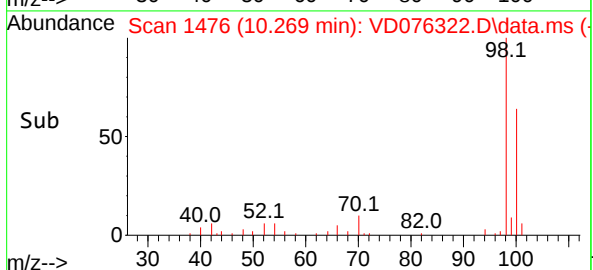
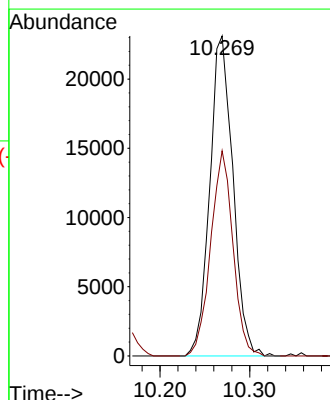
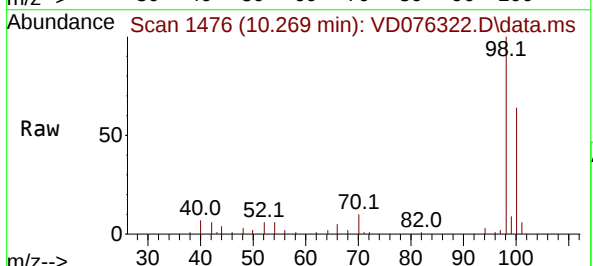
Acq: 05 Jun 2023 12:51

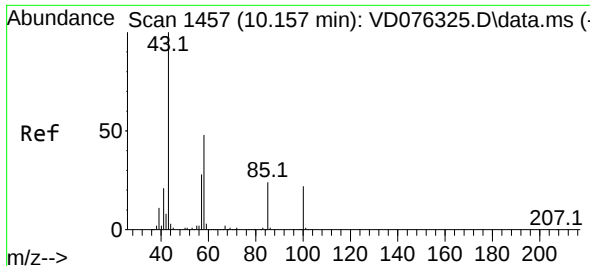
Tgt Ion: 98 Resp: 41334

Ion Ratio Lower Upper

98 100

100 61.7 50.3 75.5

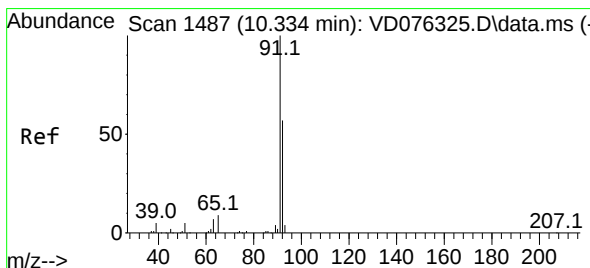
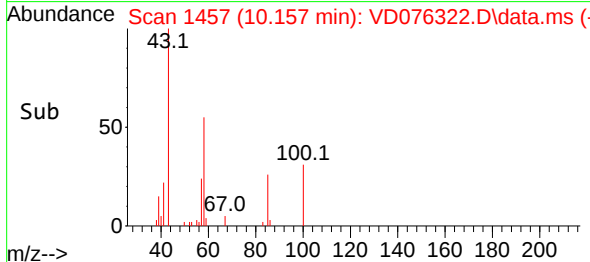
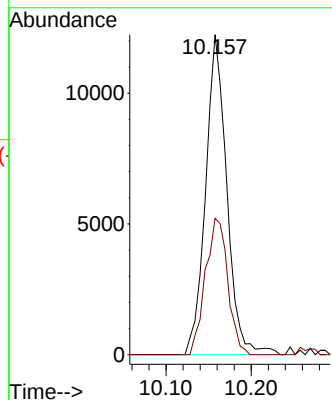
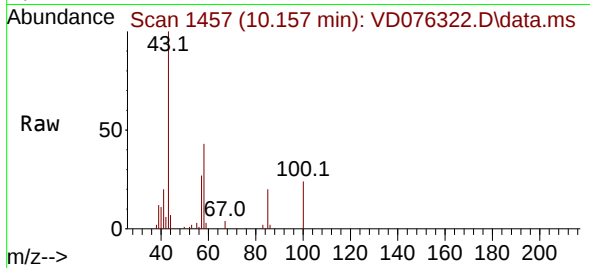




#51
4-Methyl-2-Pentanone
Concen: 20.843 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076322.D
Acq: 05 Jun 2023 12:51

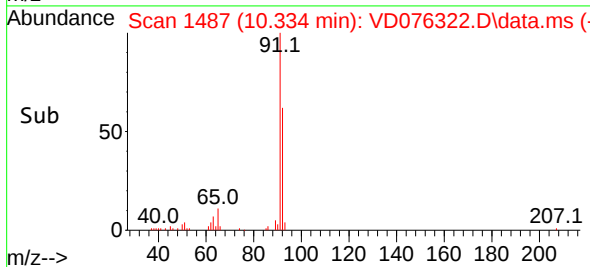
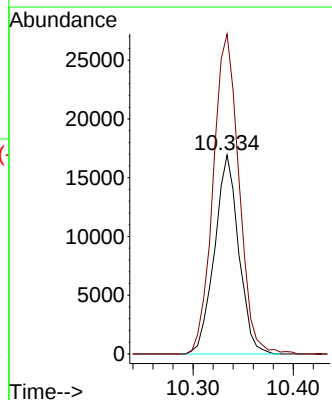
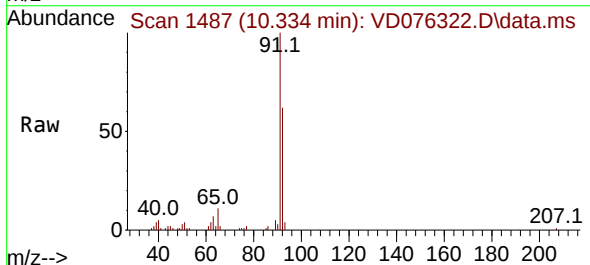
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

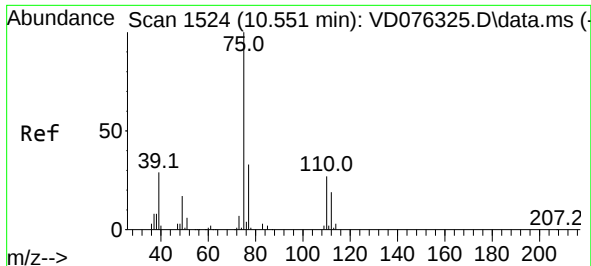
Tgt Ion: 43 Resp: 21152
Ion Ratio Lower Upper
43 100
58 44.9 38.9 58.3



#52
Toluene
Concen: 4.466 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD076322.D
Acq: 05 Jun 2023 12:51

Tgt Ion: 92 Resp: 28291
Ion Ratio Lower Upper
92 100
91 172.0 143.0 214.4

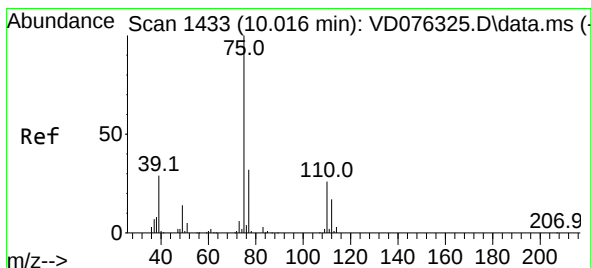
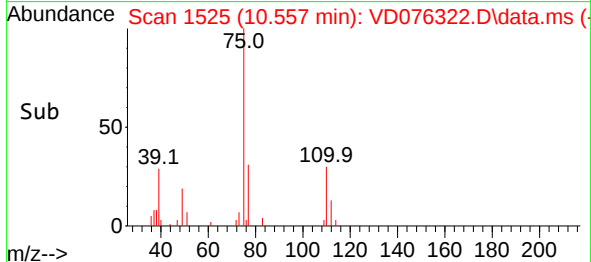
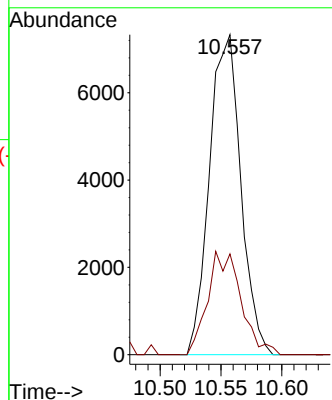
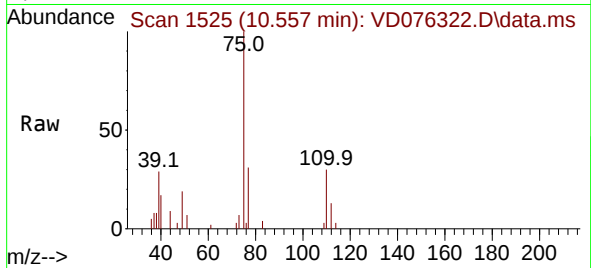




#53
 t-1,3-Dichloropropene
 Concen: 4.410 ug/l
 RT: 10.557 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VD076322.D
 Acq: 05 Jun 2023 12:51

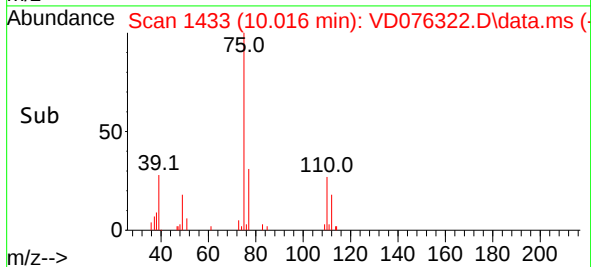
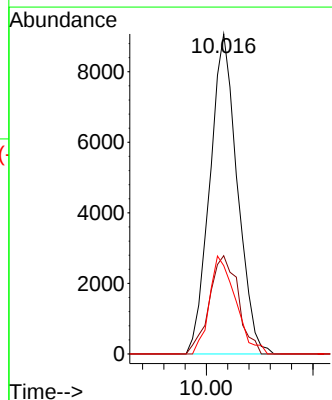
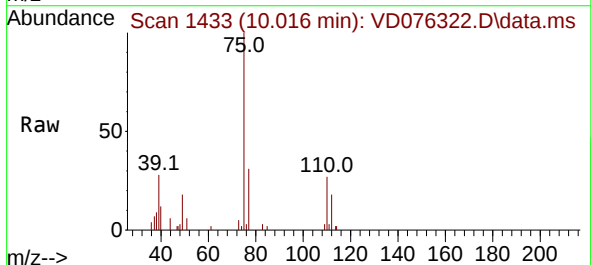
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

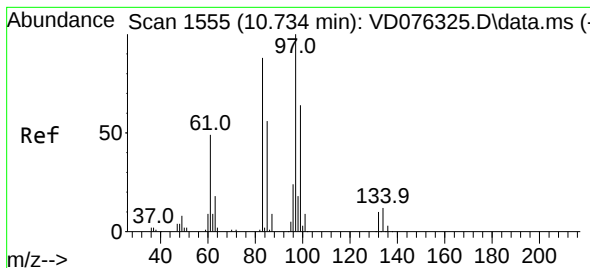
Tgt Ion: 75 Resp: 13128
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 4.412 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD076322.D
 Acq: 05 Jun 2023 12:51

Tgt Ion: 75 Resp: 16233
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.5 38.3
 39 27.6 22.1 33.1





#55

1,1,2-Trichloroethane

Concen: 5.125 ug/l

RT: 10.728 min Scan# 1554

Delta R.T. -0.006 min

Lab File: VD076322.D

Acq: 05 Jun 2023 12:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 9930

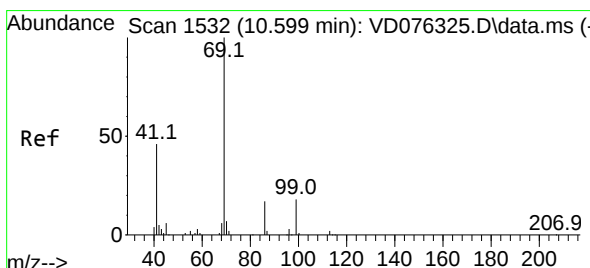
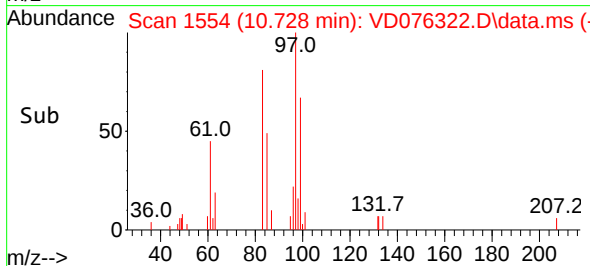
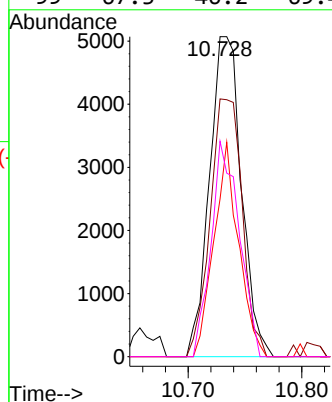
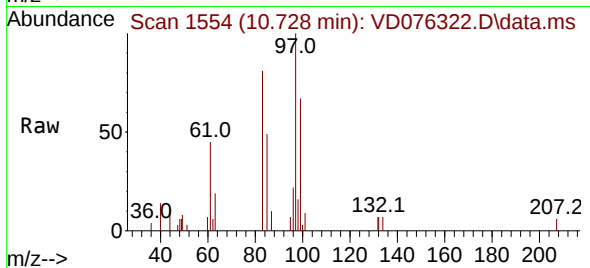
Ion Ratio Lower Upper

97 100

83 80.5 65.8 98.6

85 49.3 45.7 68.5

99 67.3 46.2 69.4



#56

Ethyl methacrylate

Concen: 3.963 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD076322.D

Acq: 05 Jun 2023 12:51

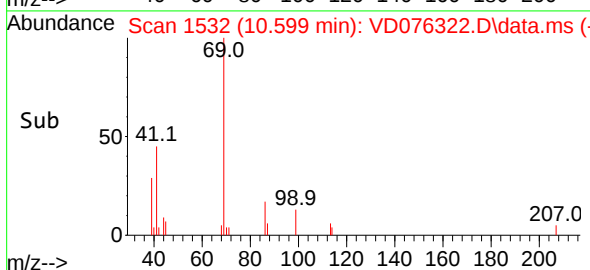
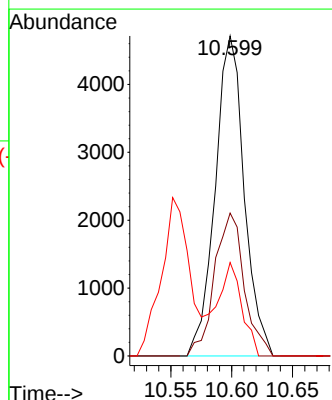
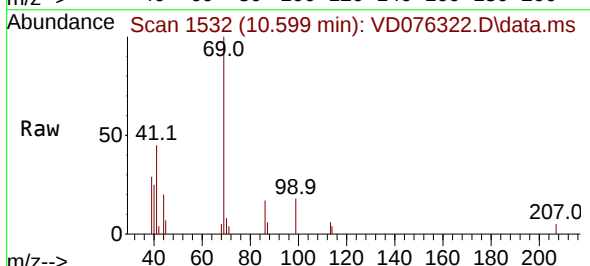
Tgt Ion: 69 Resp: 7831

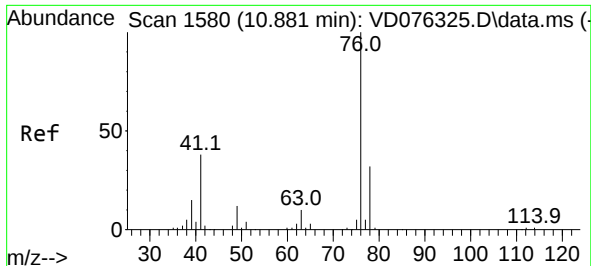
Ion Ratio Lower Upper

69 100

41 45.7 39.1 58.7

39 22.8 20.0 30.0





#57

1,3-Dichloropropane

Concen: 4.648 ug/l

RT: 10.881 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD076322.D

Acq: 05 Jun 2023 12:51

Instrument :

MSVOA_D

ClientSampleId :

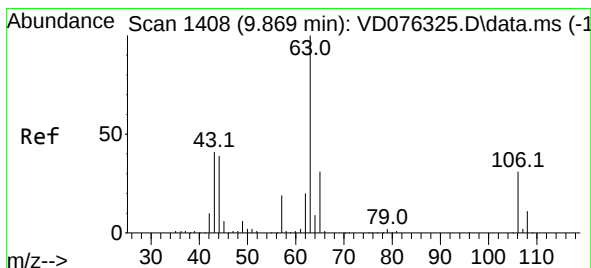
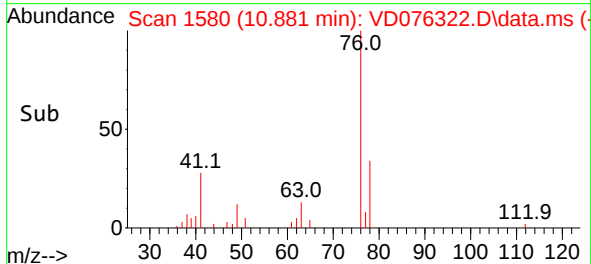
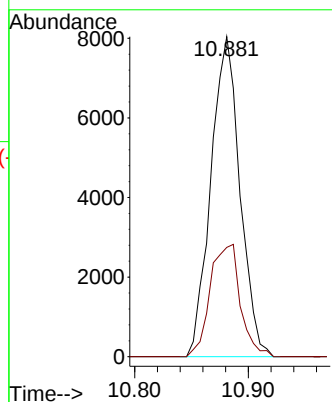
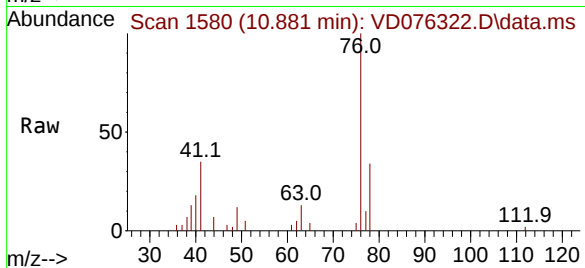
VSTDIC005

Tgt Ion: 76 Resp: 14304

Ion Ratio Lower Upper

76 100

78 36.3 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 22.141 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD076322.D

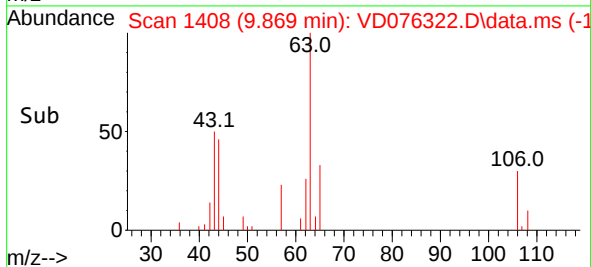
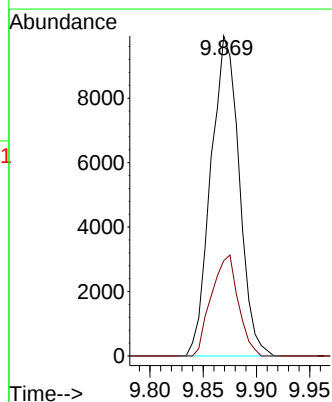
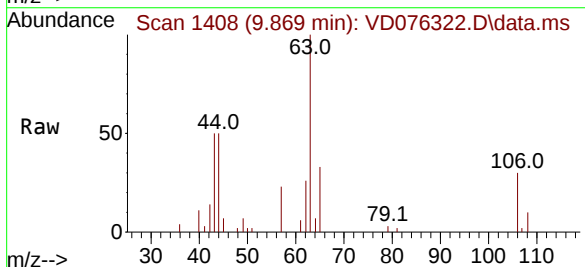
Acq: 05 Jun 2023 12:51

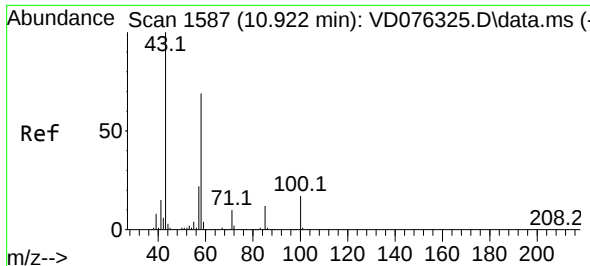
Tgt Ion: 63 Resp: 18371

Ion Ratio Lower Upper

63 100

106 29.9 25.3 37.9

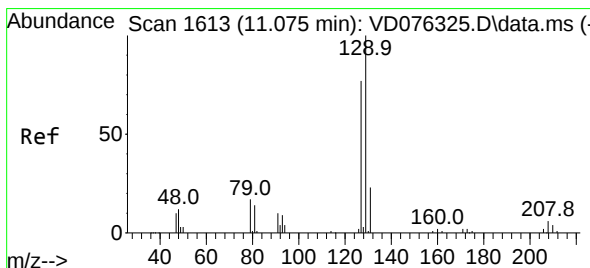
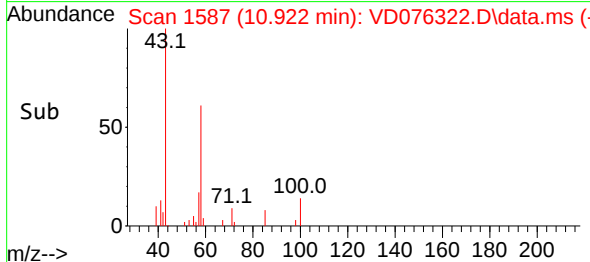
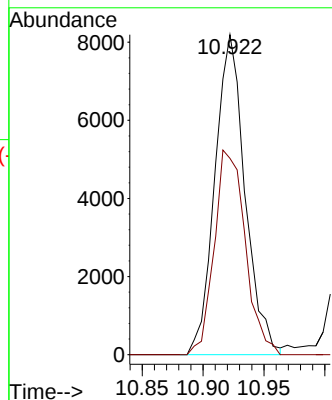
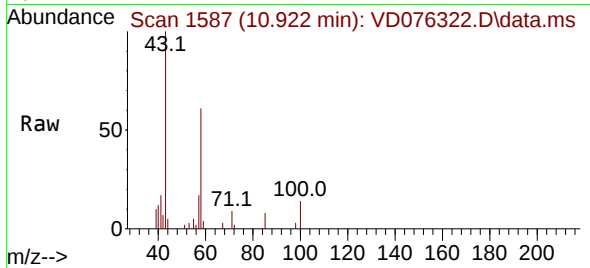




#59
2-Hexanone
Concen: 20.293 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076322.D
Acq: 05 Jun 2023 12:51

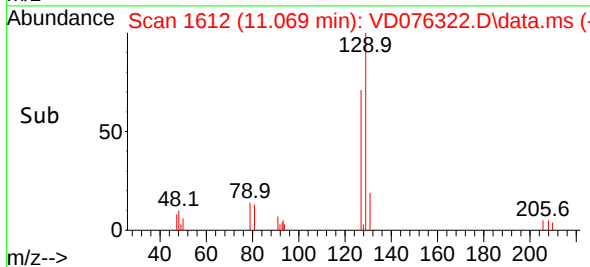
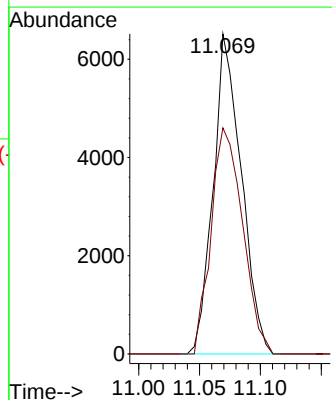
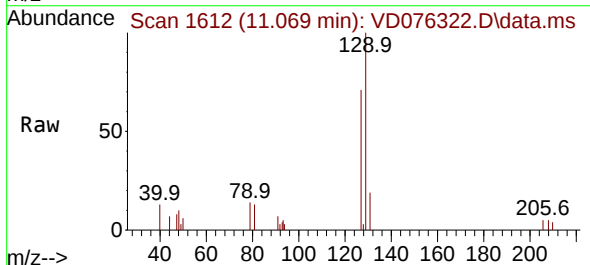
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

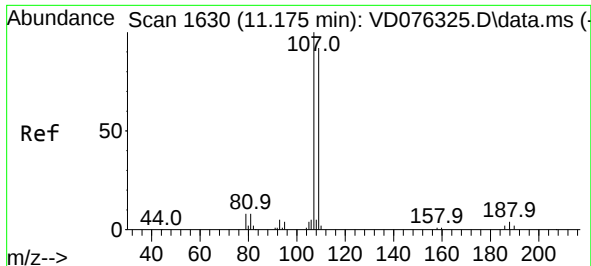
Tgt Ion: 43 Resp: 14130
Ion Ratio Lower Upper
43 100
58 65.5 34.1 102.2



#60
Dibromochloromethane
Concen: 4.772 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD076322.D
Acq: 05 Jun 2023 12:51

Tgt Ion: 129 Resp: 10481
Ion Ratio Lower Upper
129 100
127 79.1 37.1 111.5

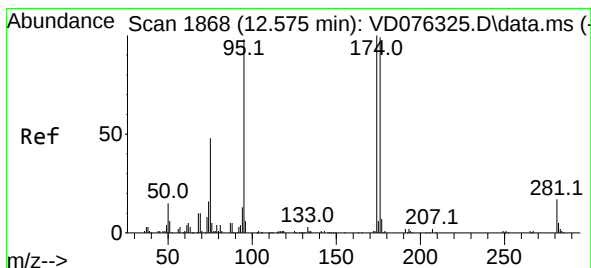
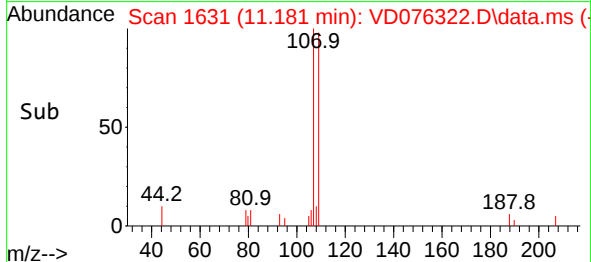
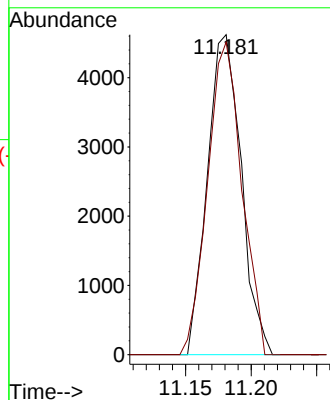
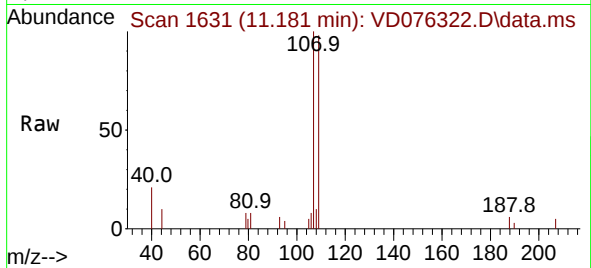




#61
1,2-Dibromoethane
Concen: 4.695 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.006 min
Lab File: VD076322.D
Acq: 05 Jun 2023 12:51

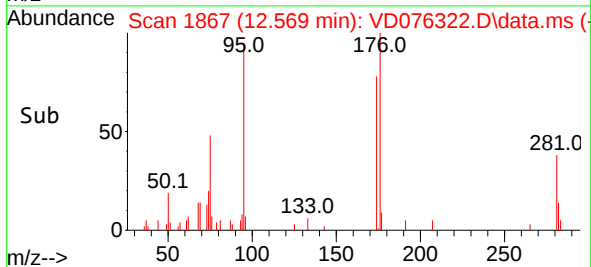
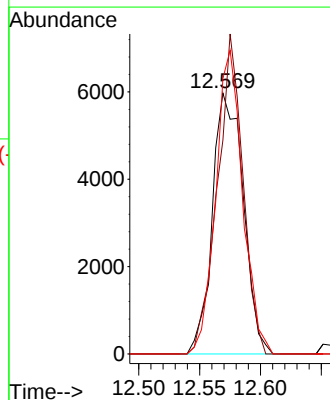
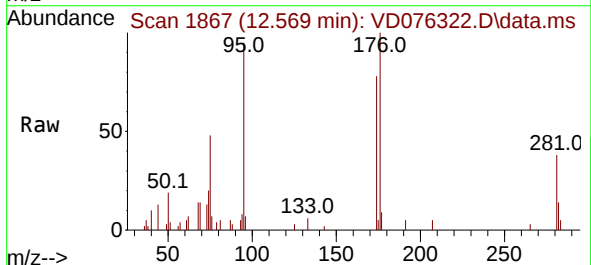
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

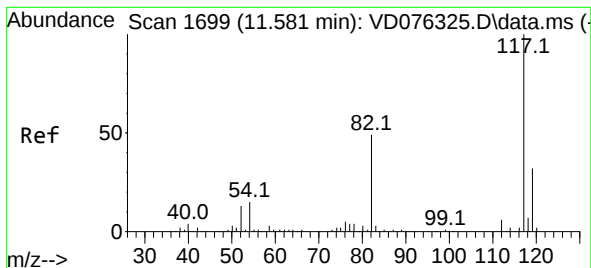
Tgt Ion:107 Resp: 8277
Ion Ratio Lower Upper
107 100
109 99.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 4.402 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD076322.D
Acq: 05 Jun 2023 12:51

Tgt Ion: 95 Resp: 10511
Ion Ratio Lower Upper
95 100
174 101.1 0.0 201.8
176 102.1 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: VD076322.D

Acq: 05 Jun 2023 12:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

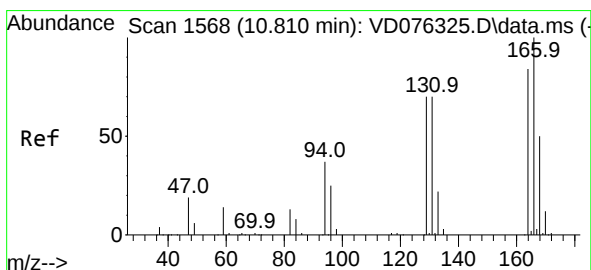
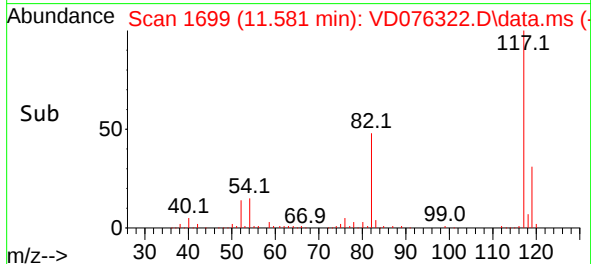
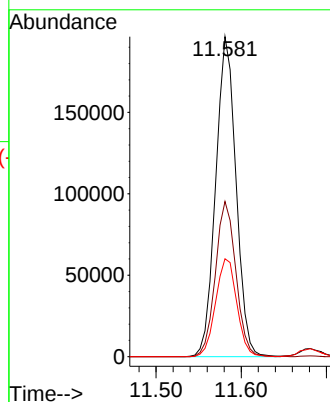
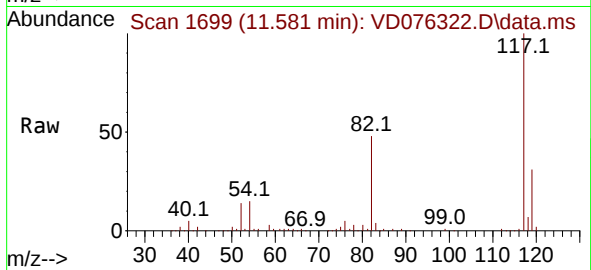
Tgt Ion:117 Resp: 326028

Ion Ratio Lower Upper

117 100

82 48.5 38.3 57.5

119 30.6 25.0 37.4



#64

Tetrachloroethene

Concen: 4.620 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD076322.D

Acq: 05 Jun 2023 12:51

Tgt Ion:164 Resp: 10789

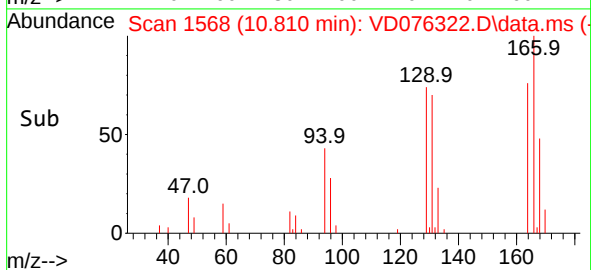
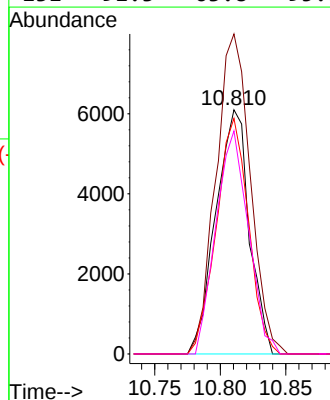
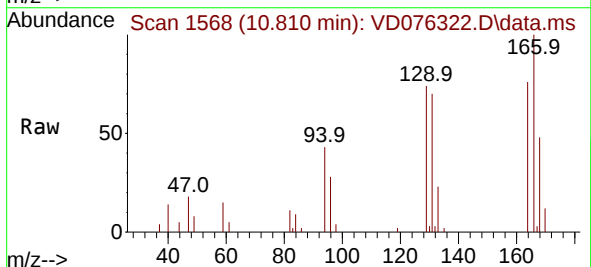
Ion Ratio Lower Upper

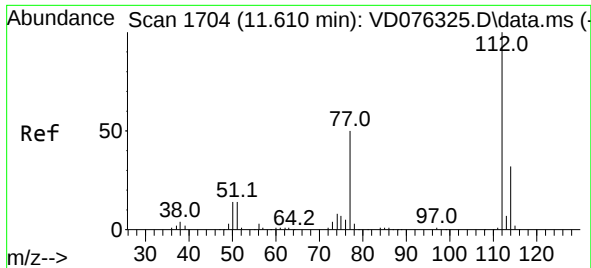
164 100

166 131.1 99.2 148.8

129 96.5 68.4 102.6

131 91.3 63.8 95.8

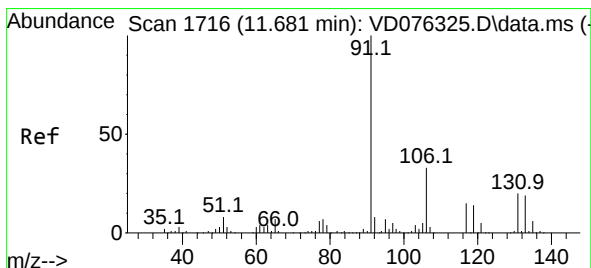
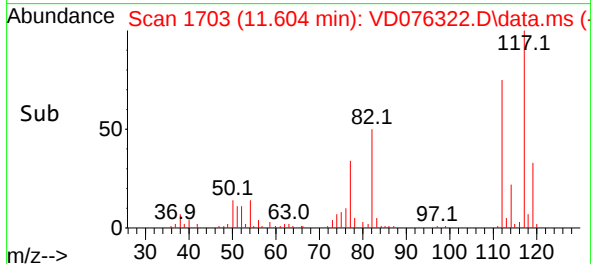
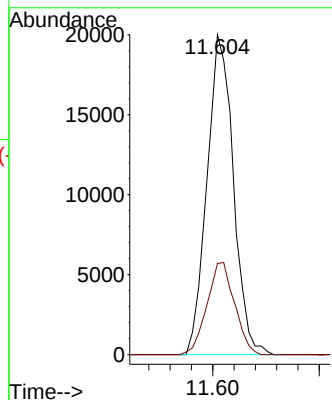
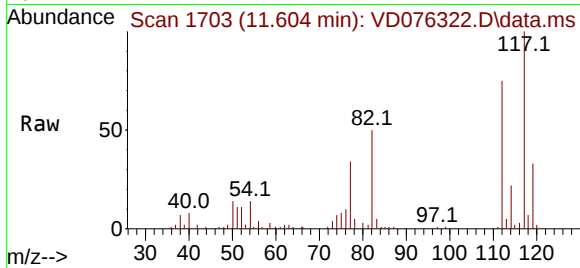




#65
Chlorobenzene
Concen: 4.922 ug/l
RT: 11.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD076322.D
Acq: 05 Jun 2023 12:51

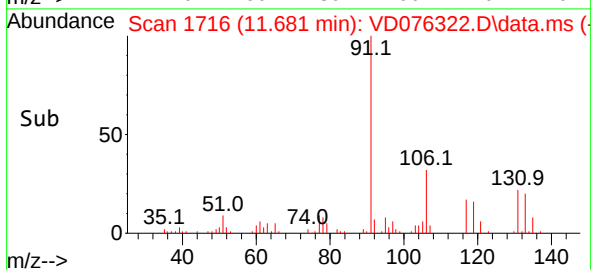
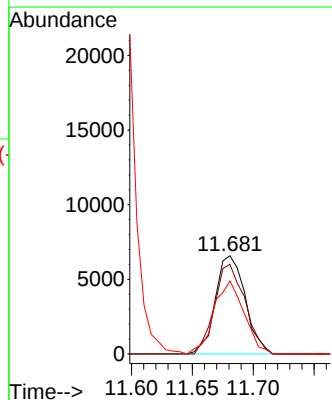
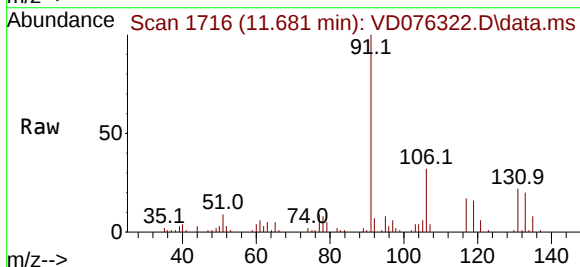
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

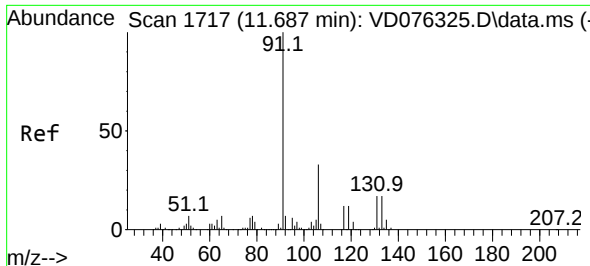
Tgt Ion:112 Resp: 34383
Ion Ratio Lower Upper
112 100
114 28.5 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 4.785 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD076322.D
Acq: 05 Jun 2023 12:51

Tgt Ion:131 Resp: 11222
Ion Ratio Lower Upper
131 100
133 93.3 48.5 145.5
119 75.1 35.6 106.9

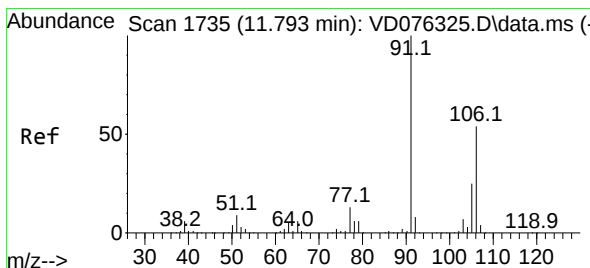
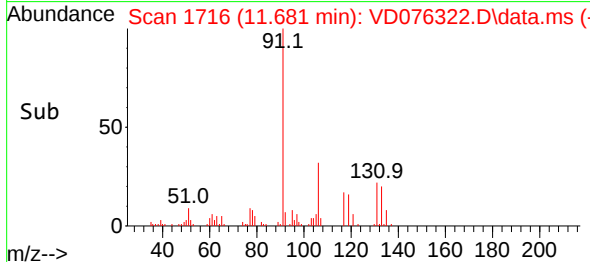
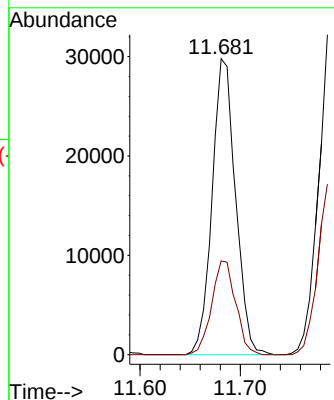
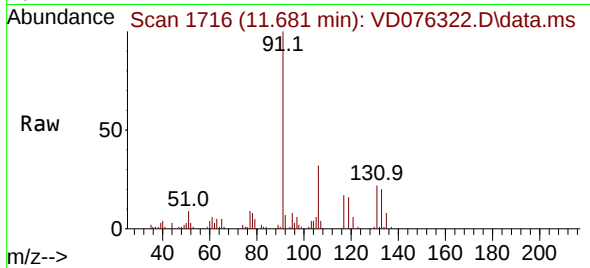




#67
Ethyl Benzene
Concen: 4.302 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD076322.D
Acq: 05 Jun 2023 12:51

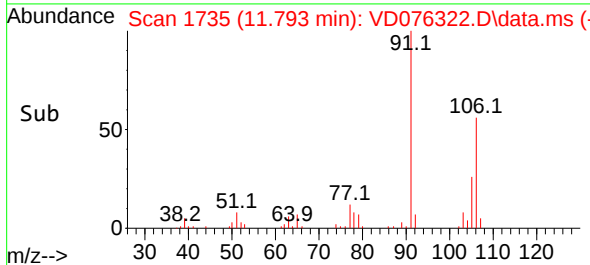
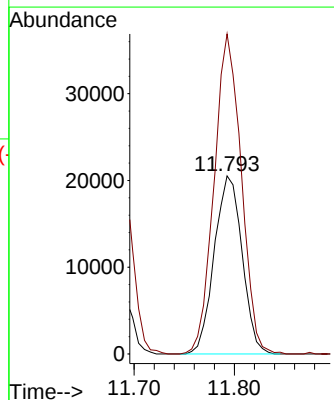
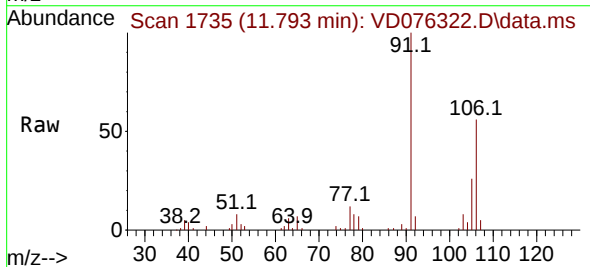
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

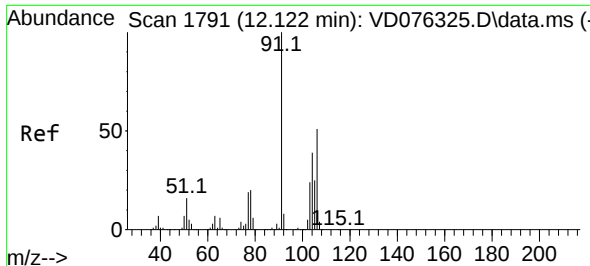
Tgt Ion: 91 Resp: 48426
Ion Ratio Lower Upper
91 100
106 31.7 26.5 39.7



#68
m/p-Xylenes
Concen: 8.485 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD076322.D
Acq: 05 Jun 2023 12:51

Tgt Ion: 106 Resp: 39488
Ion Ratio Lower Upper
106 100
91 175.3 147.0 220.6

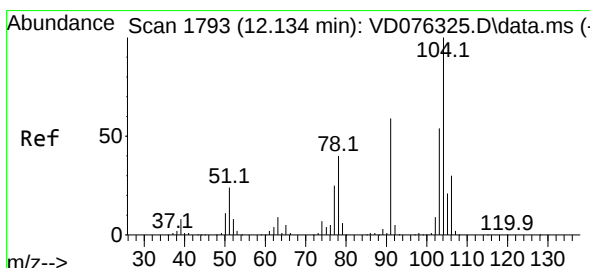
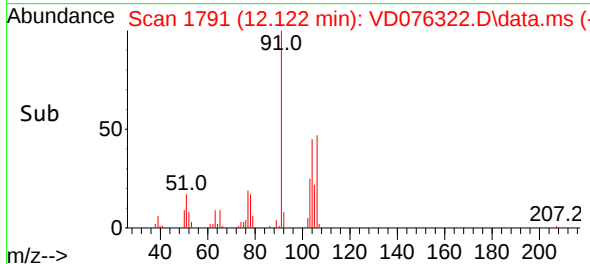
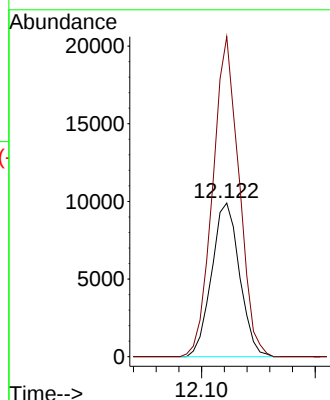
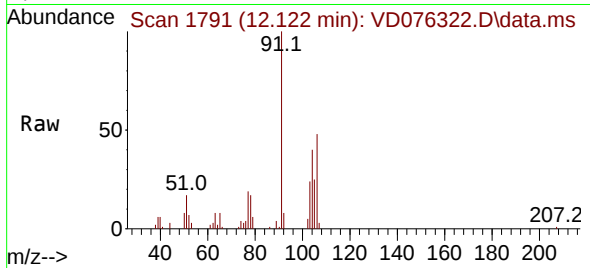




#69
o-Xylene
Concen: 4.024 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD076322.D
Acq: 05 Jun 2023 12:51

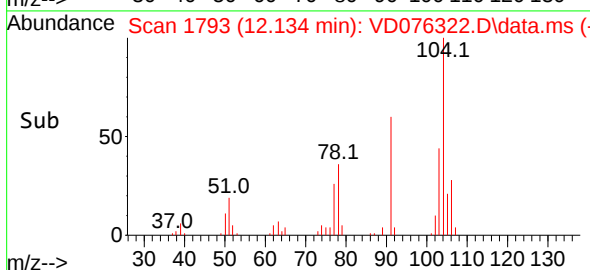
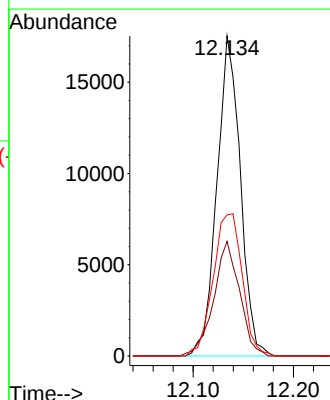
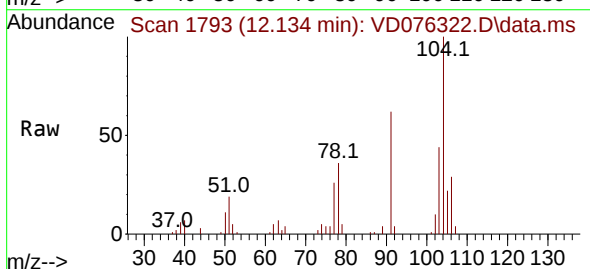
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

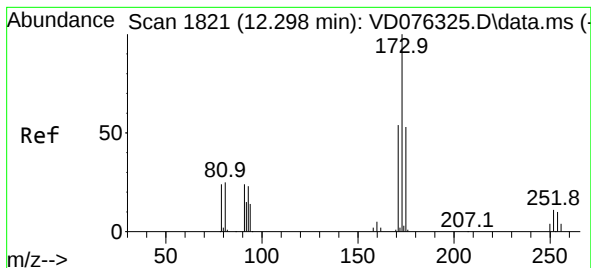
Tgt Ion:106 Resp: 16885
Ion Ratio Lower Upper
106 100
91 196.2 97.9 293.6



#70
Styrene
Concen: 3.958 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD076322.D
Acq: 05 Jun 2023 12:51

Tgt Ion:104 Resp: 28479
Ion Ratio Lower Upper
104 100
78 39.5 33.2 49.8
103 55.1 43.6 65.4





#71

Bromoform

Concen: 4.628 ug/l

RT: 12.299 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD076322.D

Acq: 05 Jun 2023 12:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

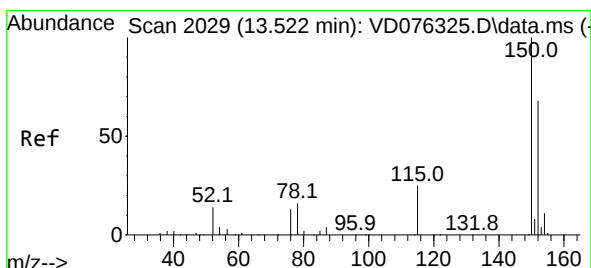
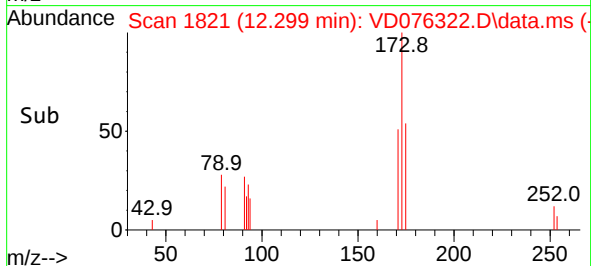
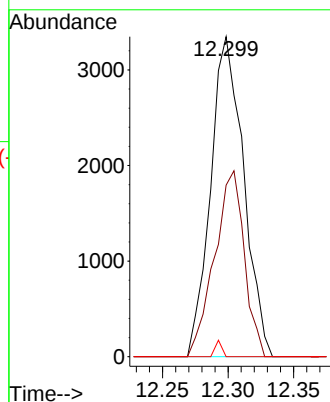
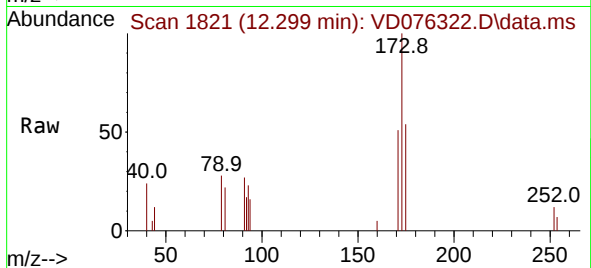
Tgt Ion:173 Resp: 5856

Ion Ratio Lower Upper

173 100

175 52.4 24.6 73.8

254 1.0 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: VD076322.D

Acq: 05 Jun 2023 12:51

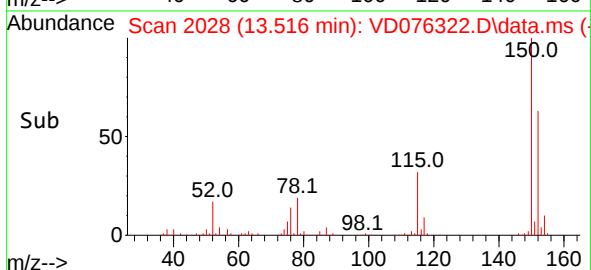
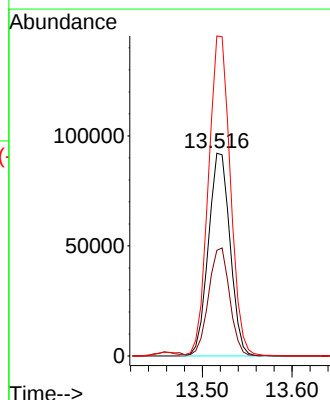
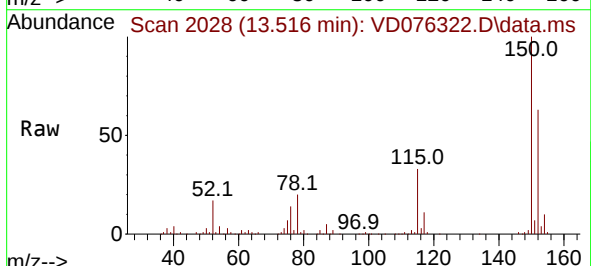
Tgt Ion:152 Resp: 154578

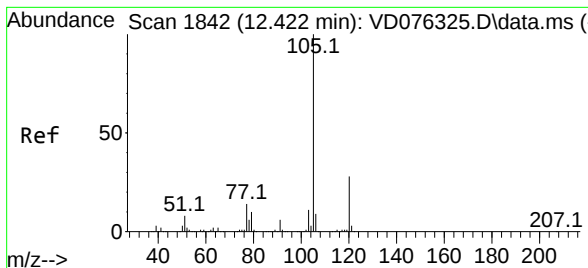
Ion Ratio Lower Upper

152 100

115 52.0 27.1 81.3

150 159.8 0.0 353.6





#73

Isopropylbenzene

Concen: 4.392 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD076322.D

Acq: 05 Jun 2023 12:51

Instrument :

MSVOA_D

ClientSampleId :

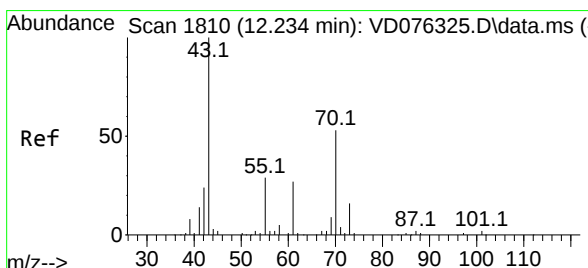
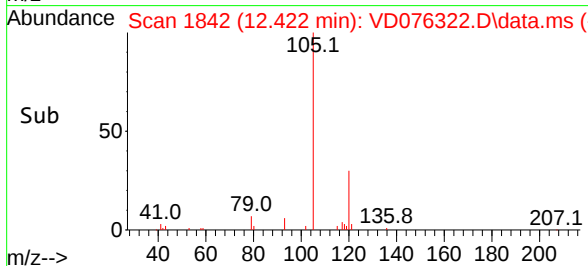
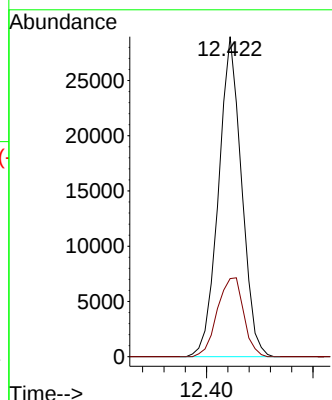
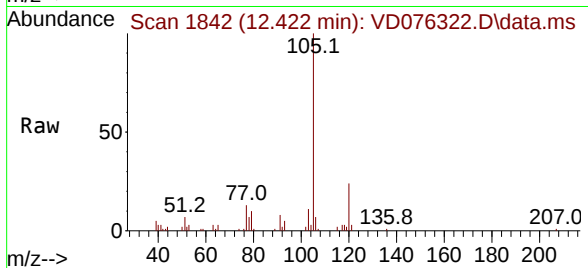
VSTDIC005

Tgt Ion:105 Resp: 43465

Ion Ratio Lower Upper

105 100

120 28.1 14.3 42.9



#74

N-ethyl acetate

Concen: 4.249 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD076322.D

Acq: 05 Jun 2023 12:51

Tgt Ion: 43 Resp: 7211

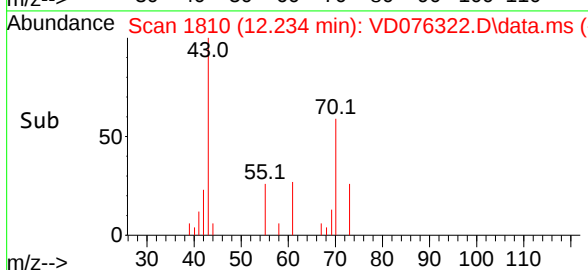
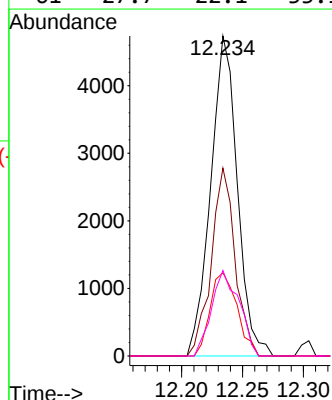
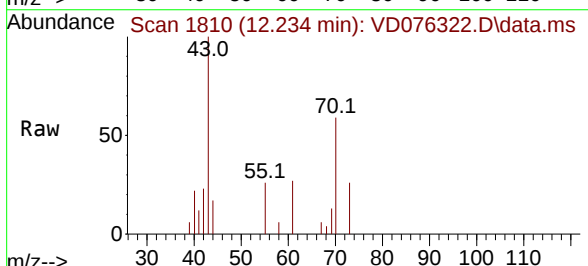
Ion Ratio Lower Upper

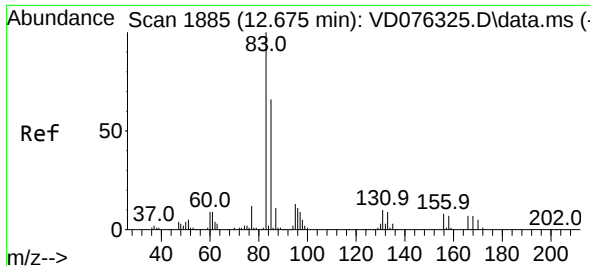
43 100

70 52.4 45.0 67.4

55 26.3 23.8 35.6

61 27.7 22.1 33.1

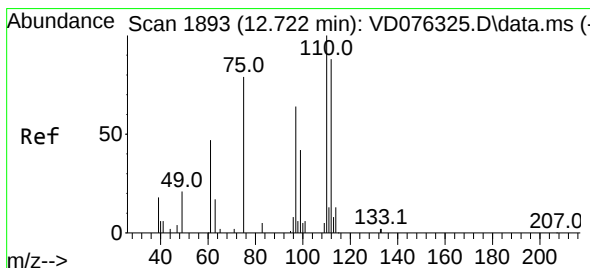
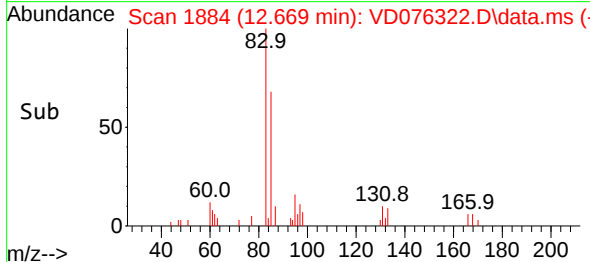
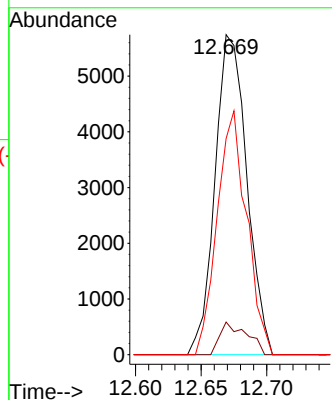
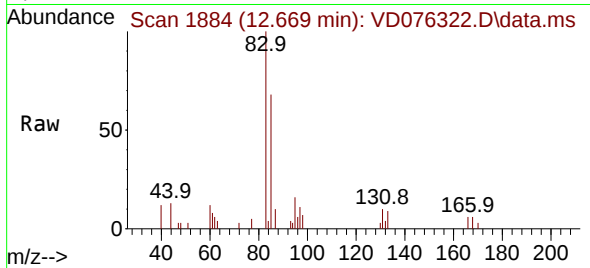




#75
1,1,2-Tetrachloroethane
Concen: 4.898 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VD076322.D
Acq: 05 Jun 2023 12:51

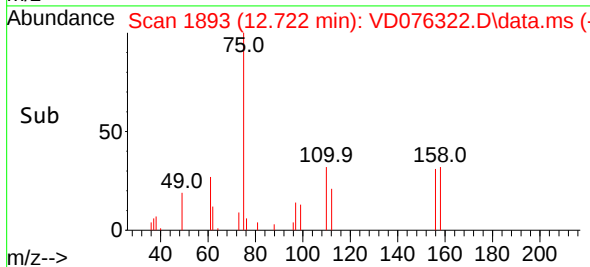
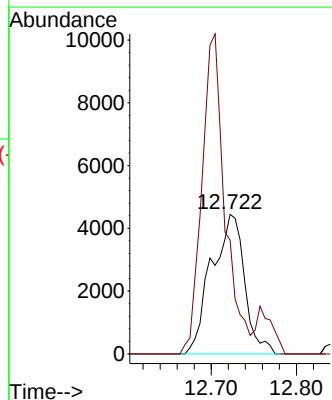
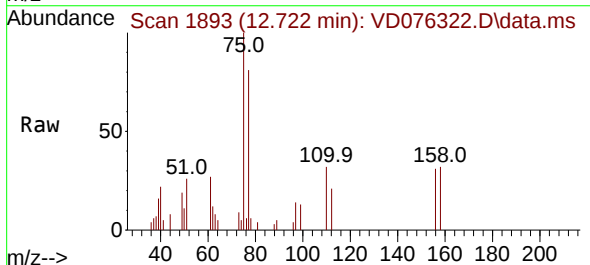
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

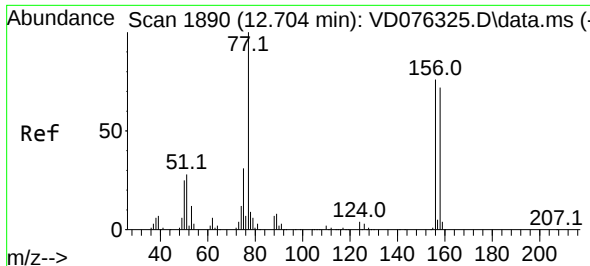
Tgt Ion: 83 Resp: 9702
Ion Ratio Lower Upper
83 100
131 8.6 5.1 15.3
85 70.5 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 7.985 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD076322.D
Acq: 05 Jun 2023 12:51

Tgt Ion: 75 Resp: 11967
Ion Ratio Lower Upper
75 100
77 159.7 0.0 0.0#

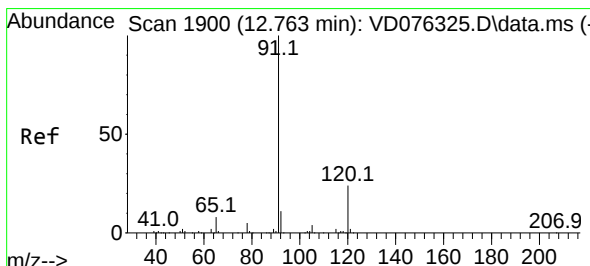
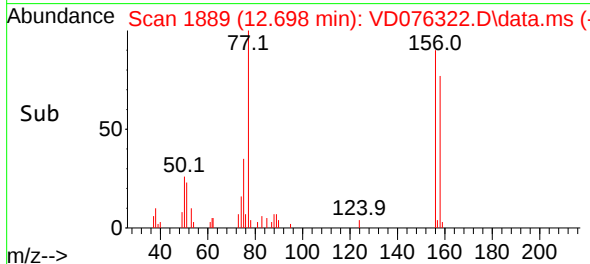
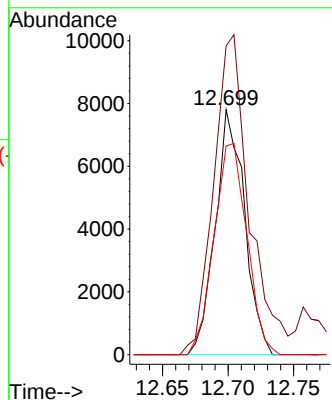
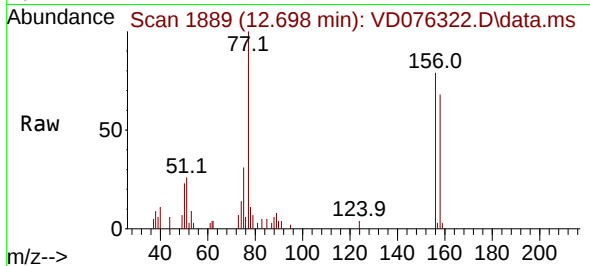




#77
Bromobenzene
Concen: 4.642 ug/l
RT: 12.698 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD076322.D
Acq: 05 Jun 2023 12:51

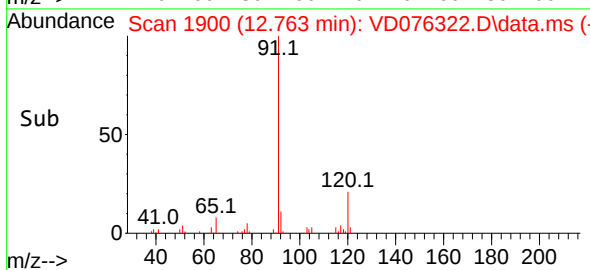
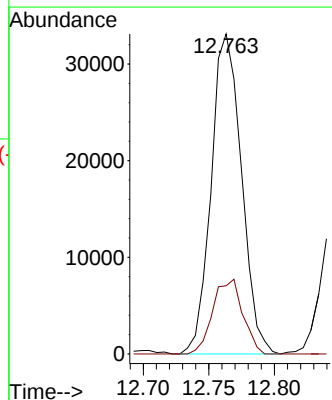
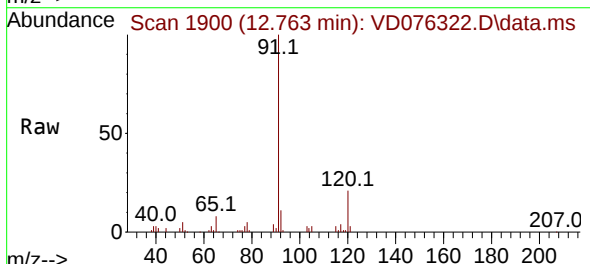
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

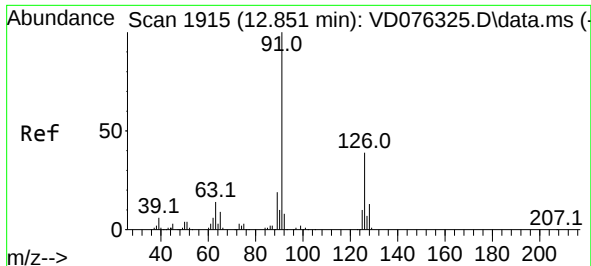
Tgt Ion:156 Resp: 12078
Ion Ratio Lower Upper
156 100
77 158.3 76.8 230.4
158 97.1 48.6 145.9



#78
n-propylbenzene
Concen: 4.353 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD076322.D
Acq: 05 Jun 2023 12:51

Tgt Ion: 91 Resp: 53258
Ion Ratio Lower Upper
91 100
120 23.0 12.4 37.2

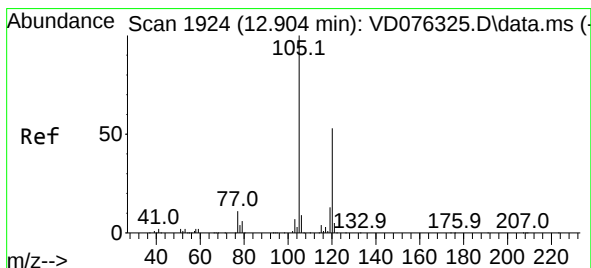
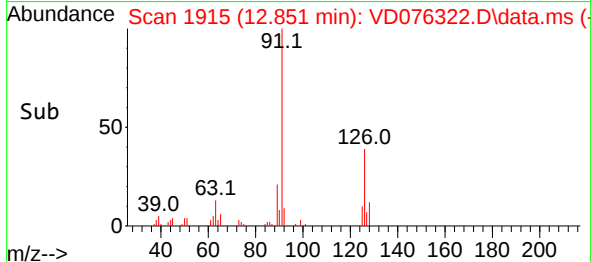
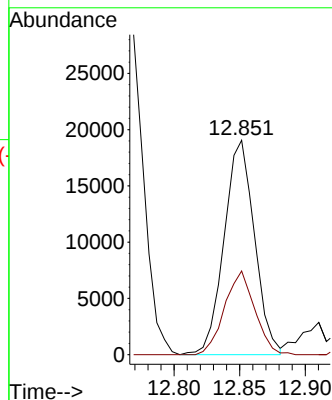
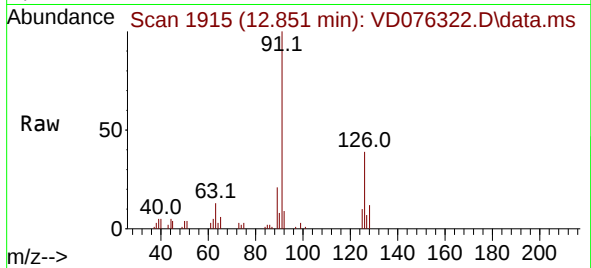




#79
2-Chlorotoluene
Concen: 4.611 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD076322.D
Acq: 05 Jun 2023 12:51

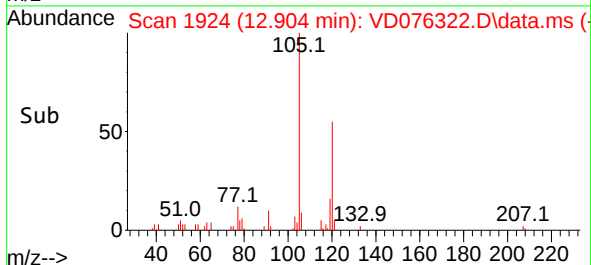
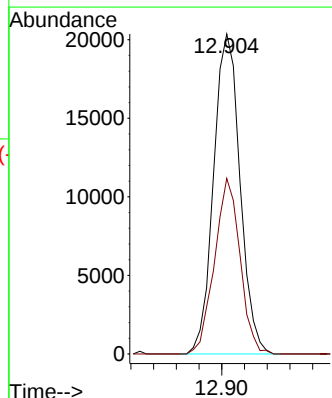
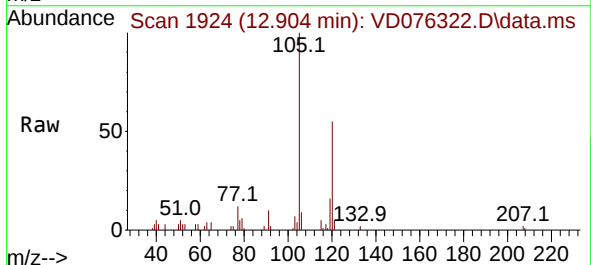
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

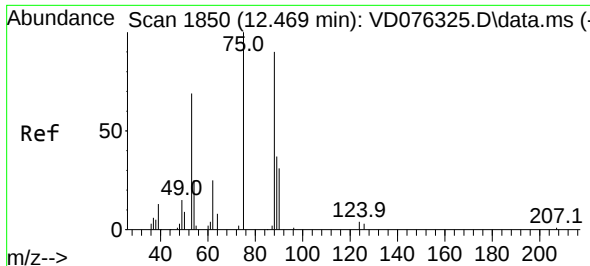
Tgt Ion: 91 Resp: 30775
Ion Ratio Lower Upper
91 100
126 38.8 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 4.031 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076322.D
Acq: 05 Jun 2023 12:51

Tgt Ion: 105 Resp: 32891
Ion Ratio Lower Upper
105 100
120 53.0 26.4 79.2

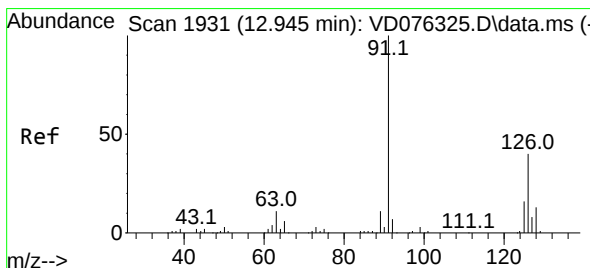
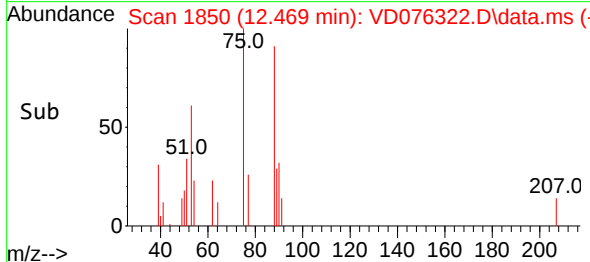
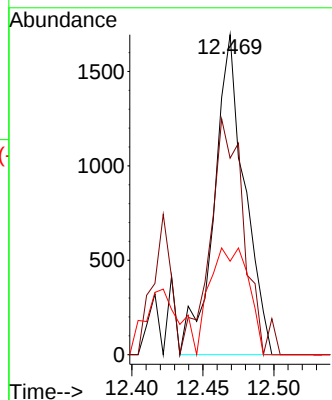
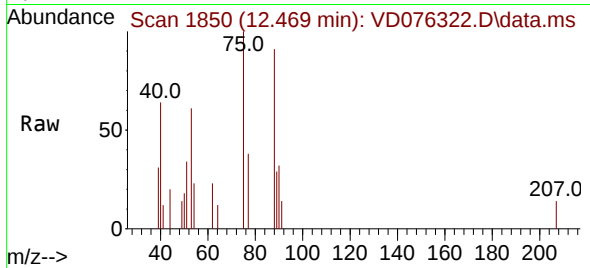




#81
trans-1,4-Dichloro-2-butene
Concen: 4.183 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD076322.D
Acq: 05 Jun 2023 12:51

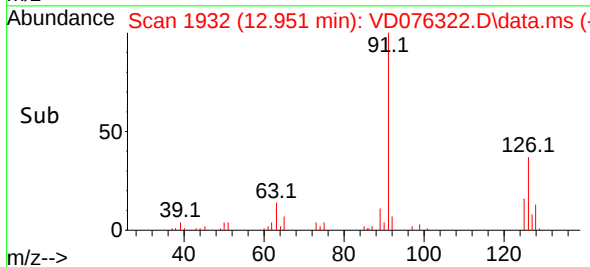
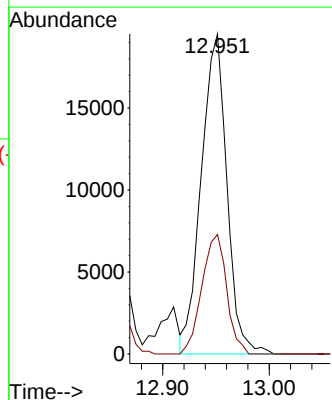
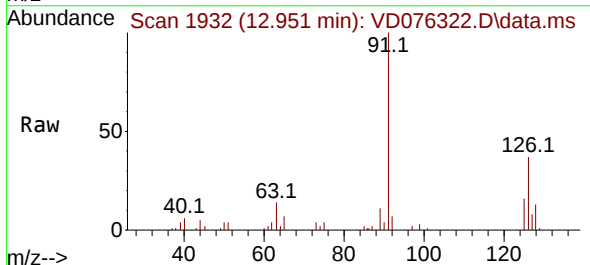
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

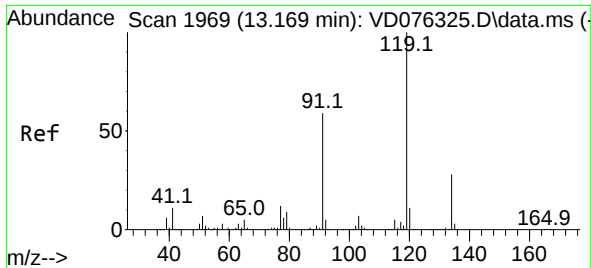
Tgt Ion: 75 Resp: 2520
Ion Ratio Lower Upper
75 100
53 82.7 63.0 94.4
89 42.9 37.9 56.9



#82
4-Chlorotoluene
Concen: 4.600 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD076322.D
Acq: 05 Jun 2023 12:51

Tgt Ion: 91 Resp: 32689
Ion Ratio Lower Upper
91 100
126 36.1 19.4 58.4

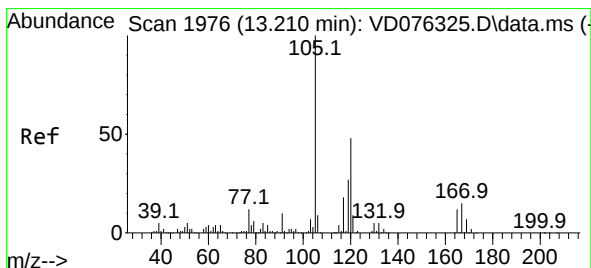
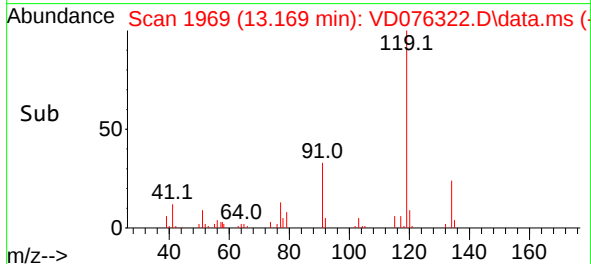
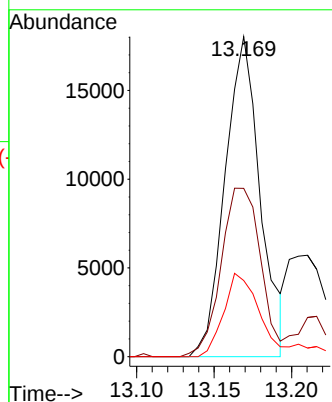
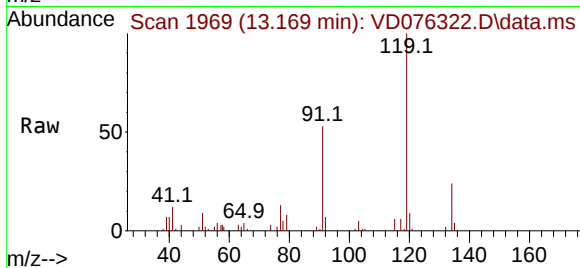




#83
tert-Butylbenzene
Concen: 4.156 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD076322.D
Acq: 05 Jun 2023 12:51

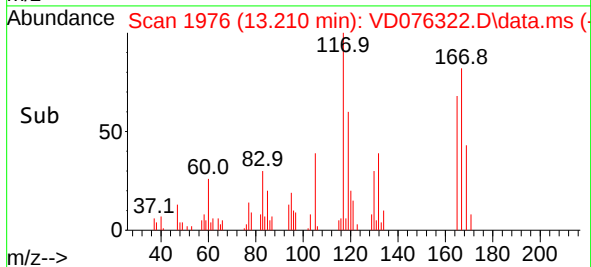
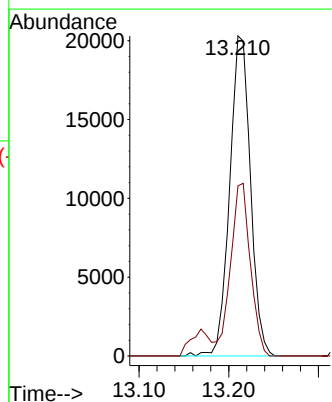
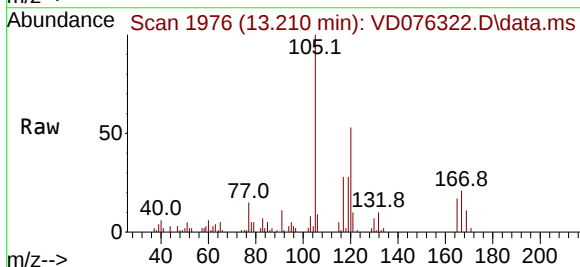
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

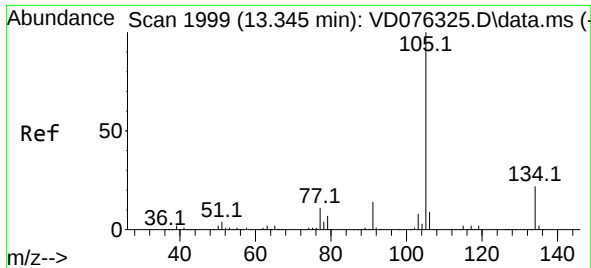
Tgt Ion:119	Resp:	28435
Ion	Ratio	Lower Upper
119	100	
91	59.1	29.3 87.8
134	26.4	14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 4.005 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD076322.D
Acq: 05 Jun 2023 12:51

Tgt Ion:105	Resp:	32643
Ion	Ratio	Lower Upper
105	100	
120	51.8	24.3 72.9

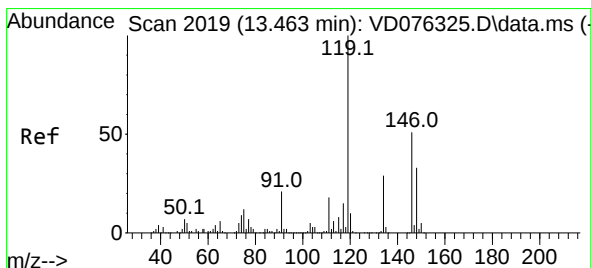
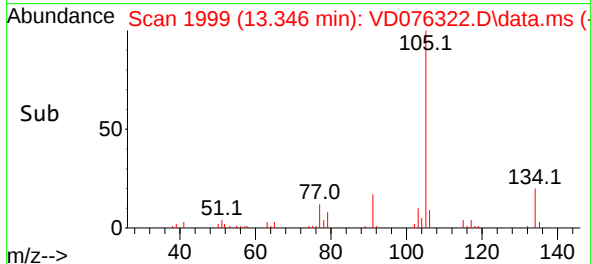
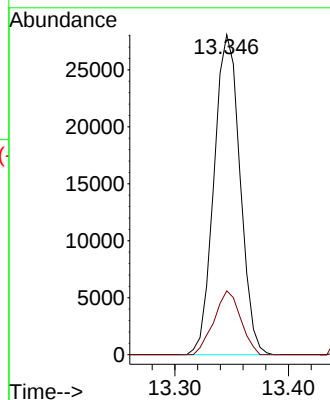
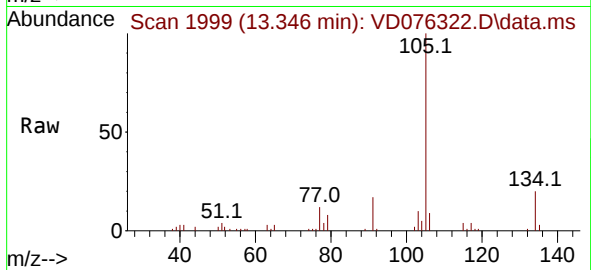




#85
 sec-Butylbenzene
 Concen: 4.248 ug/l
 RT: 13.346 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD076322.D
 Acq: 05 Jun 2023 12:51

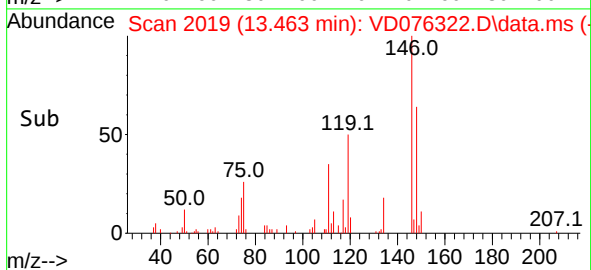
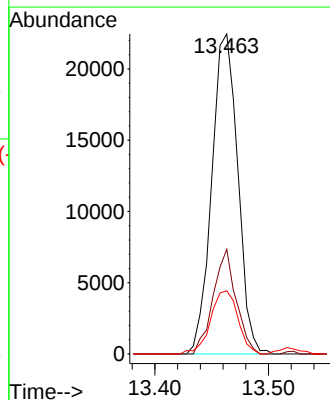
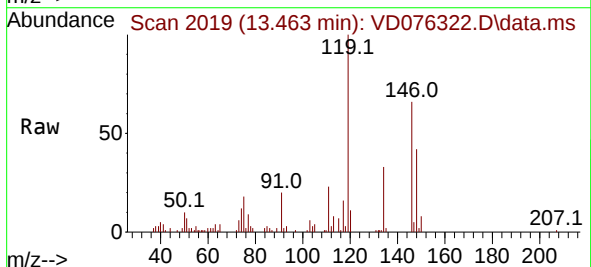
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

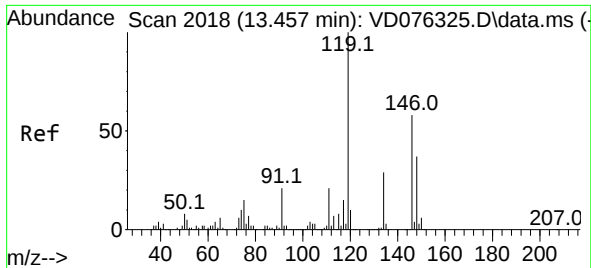
Tgt Ion:105 Resp: 44712
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 4.102 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD076322.D
 Acq: 05 Jun 2023 12:51

Tgt Ion:119 Resp: 35788
 Ion Ratio Lower Upper
 119 100
 134 28.8 14.2 42.6
 91 20.8 10.5 31.5

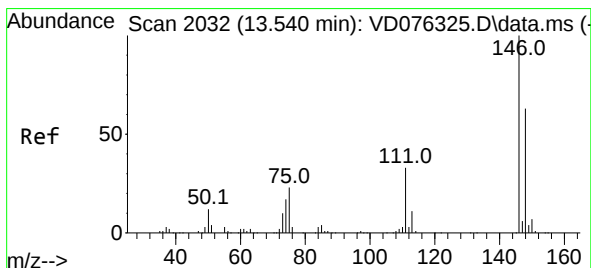
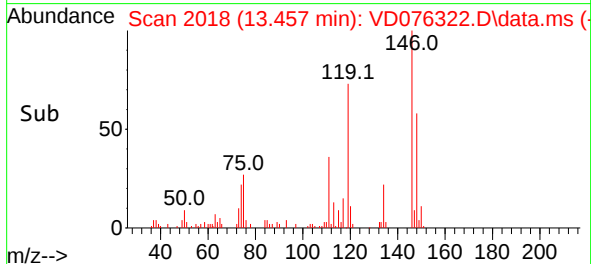
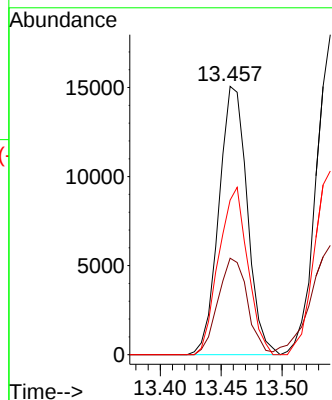
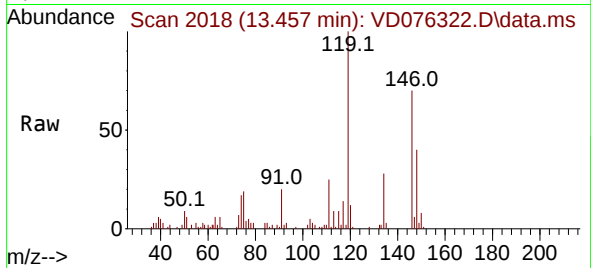




#87
 1,3-Dichlorobenzene
 Concen: 4.651 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD076322.D
 Acq: 05 Jun 2023 12:51

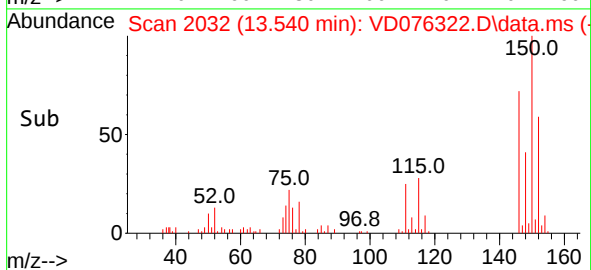
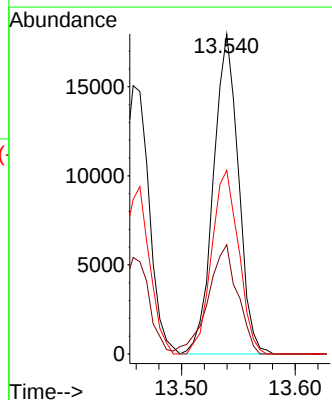
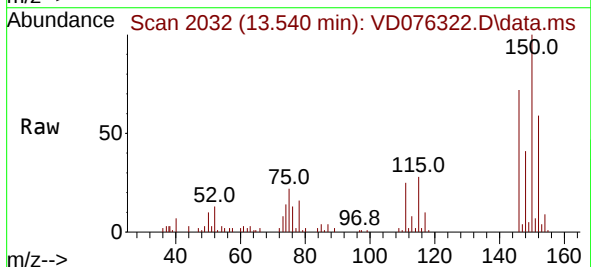
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

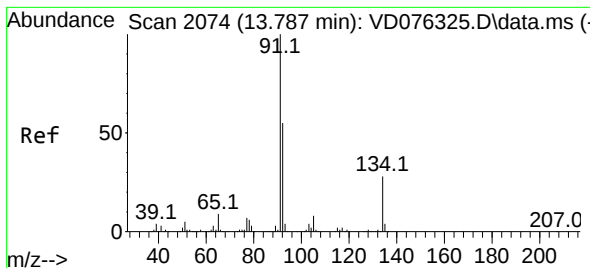
Tgt Ion:146	Resp:	24395
Ion Ratio	Lower	Upper
146	100	
111	37.3	17.9 53.8
148	63.6	32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 5.187 ug/l
 RT: 13.540 min Scan# 2032
 Delta R.T. 0.000 min
 Lab File: VD076322.D
 Acq: 05 Jun 2023 12:51

Tgt Ion:146	Resp:	27548
Ion Ratio	Lower	Upper
146	100	
111	40.2	17.4 52.3
148	62.0	31.7 95.1





#89

n-Butylbenzene

Concen: 4.277 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD076322.D

Acq: 05 Jun 2023 12:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

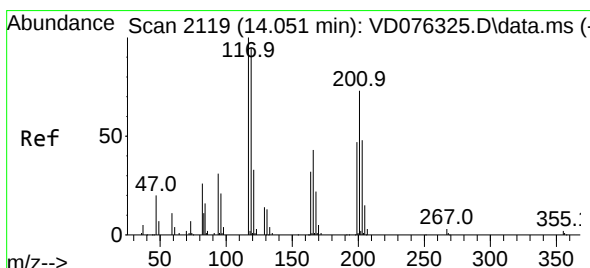
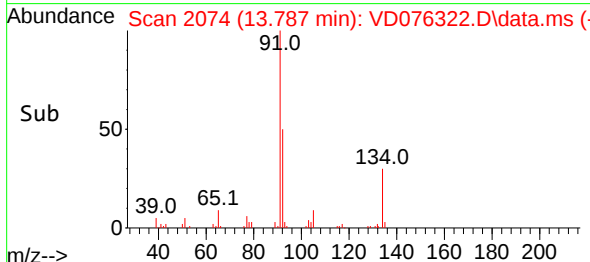
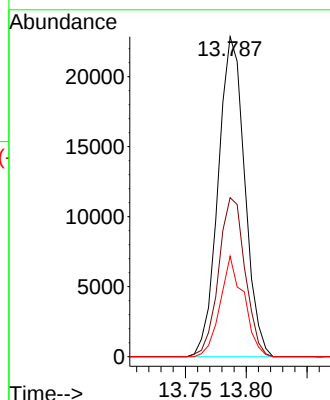
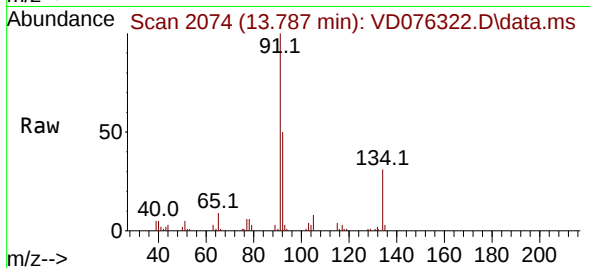
Tgt Ion: 91 Resp: 34677

Ion Ratio Lower Upper

91 100

92 49.6 26.5 79.5

134 27.9 13.8 41.3



#90

Hexachloroethane

Concen: 4.776 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD076322.D

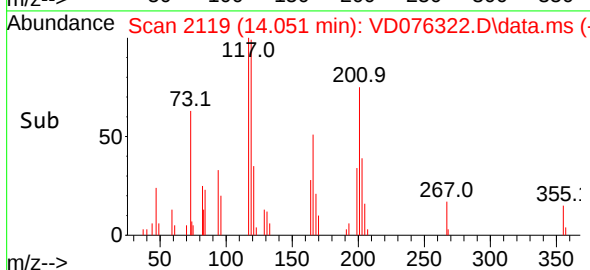
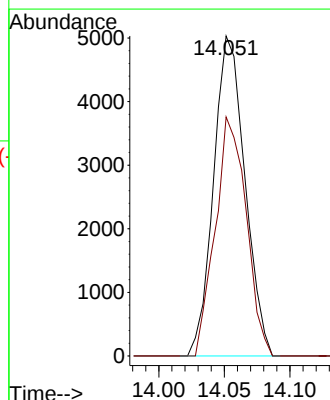
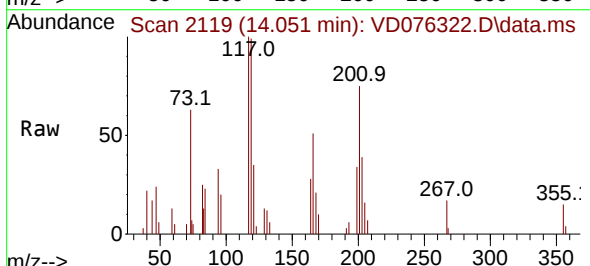
Acq: 05 Jun 2023 12:51

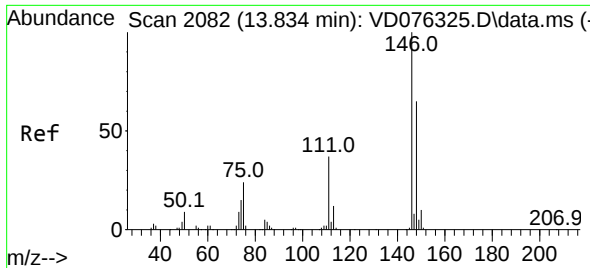
Tgt Ion: 117 Resp: 8366

Ion Ratio Lower Upper

117 100

201 73.7 38.5 115.5

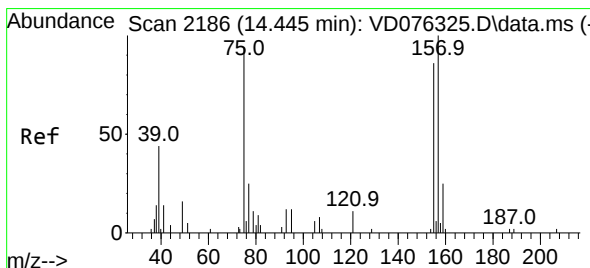
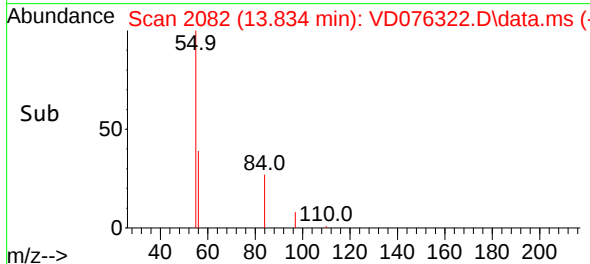
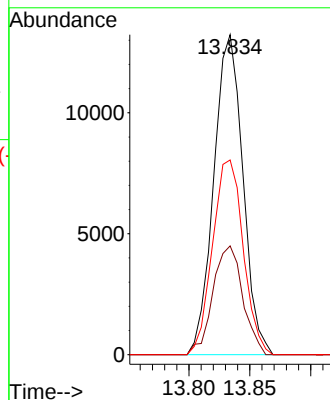
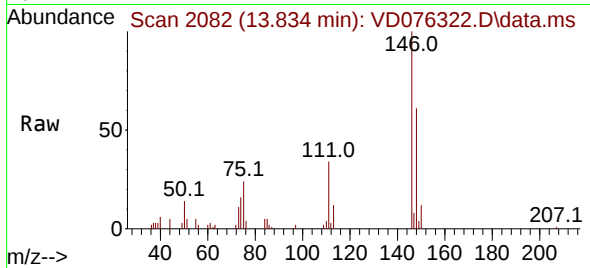




#91
1,2-Dichlorobenzene
Concen: 4.828 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD076322.D
Acq: 05 Jun 2023 12:51

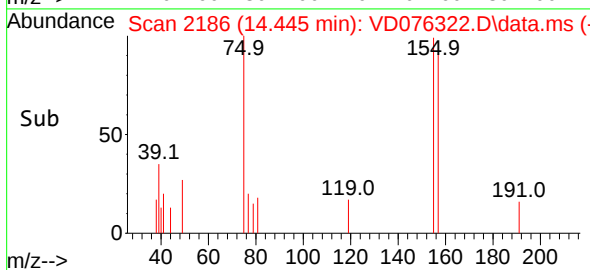
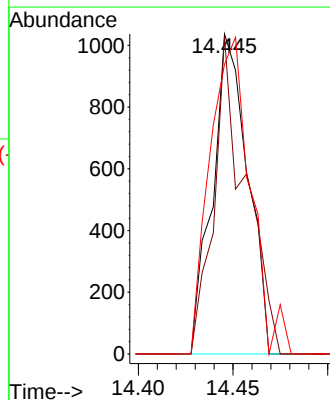
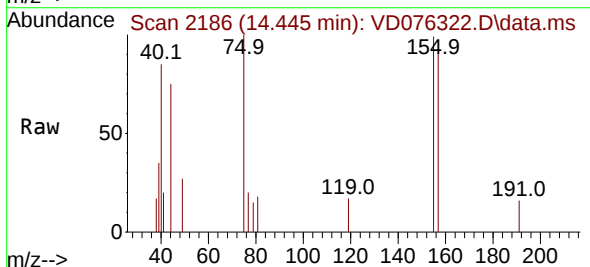
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

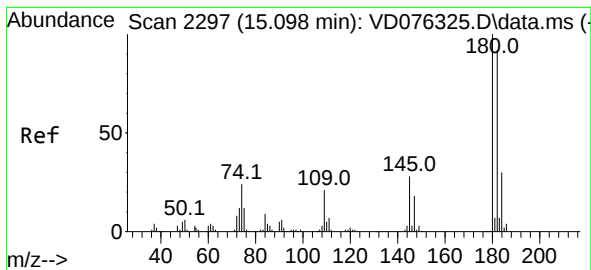
Tgt Ion:146	Resp:	21984
Ion Ratio	Lower	Upper
146	100	
111	35.0	18.3 54.8
148	64.2	31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.140 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD076322.D
Acq: 05 Jun 2023 12:51

Tgt Ion: 75	Resp:	1345
Ion Ratio	Lower	Upper
75	100	
155	89.1	47.9 143.8
157	113.3	59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 4.397 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD076322.D

Acq: 05 Jun 2023 12:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

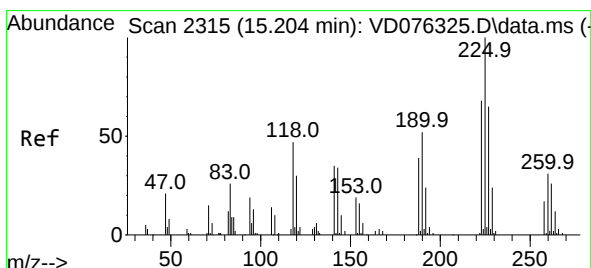
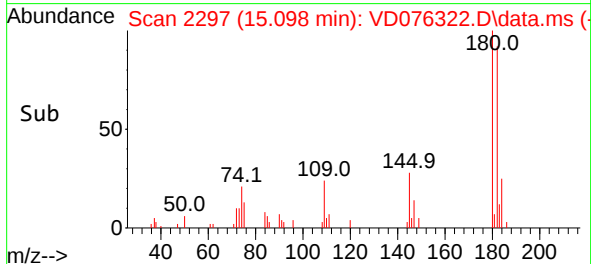
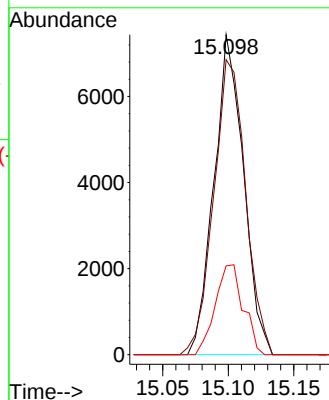
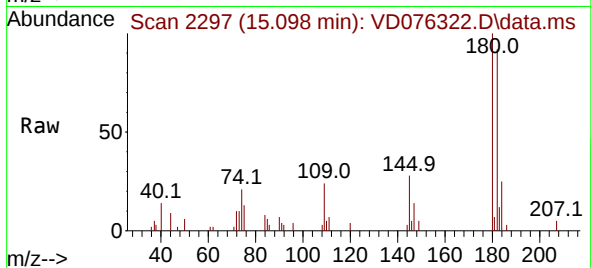
Tgt Ion:180 Resp: 11637

Ion Ratio Lower Upper

180 100

182 99.6 48.5 145.6

145 26.8 14.2 42.6



#94

Hexachlorobutadiene

Concen: 4.679 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD076322.D

Acq: 05 Jun 2023 12:51

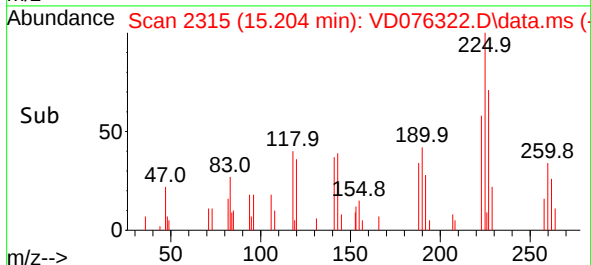
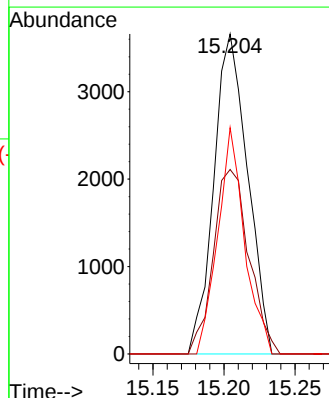
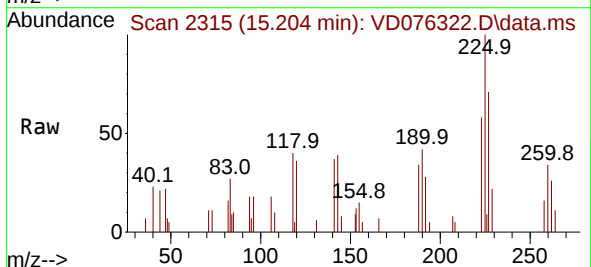
Tgt Ion:225 Resp: 6055

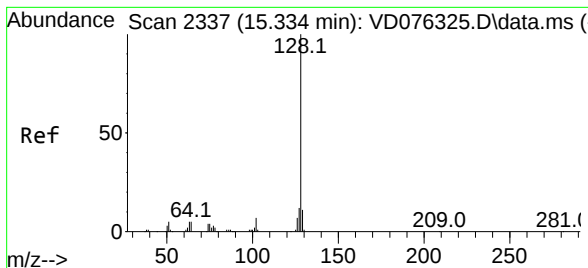
Ion Ratio Lower Upper

225 100

223 60.9 31.6 94.8

227 55.9 31.7 95.1





#95

Naphthalene

Concen: 6.667 ug/l

RT: 15.334 min Scan# 2337

Delta R.T. -0.000 min

Lab File: VD076322.D

Acq: 05 Jun 2023 12:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

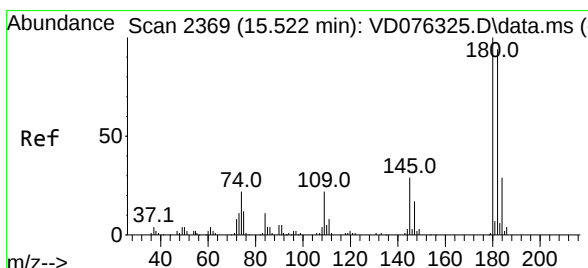
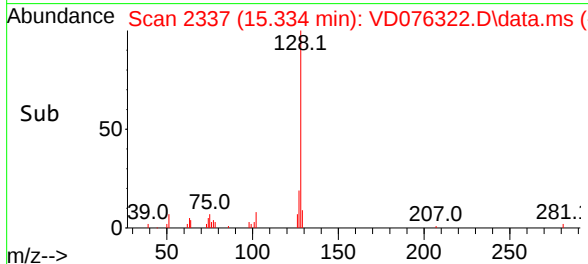
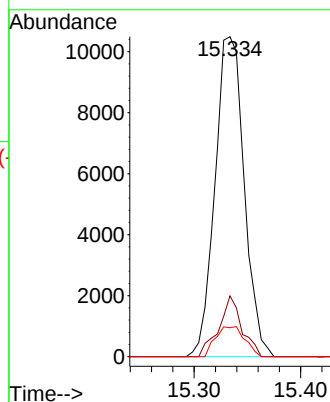
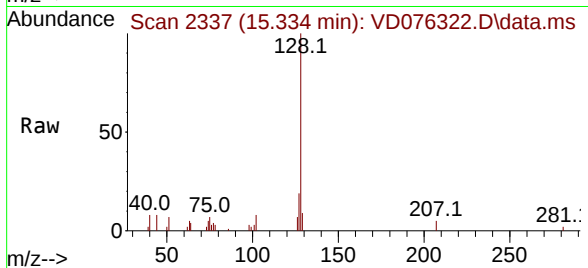
Tgt Ion:128 Resp: 19951

Ion Ratio Lower Upper

128 100

127 19.0 10.5 15.7#

129 9.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 4.589 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD076322.D

Acq: 05 Jun 2023 12:51

Tgt Ion:180 Resp: 10742

Ion Ratio Lower Upper

180 100

182 88.7 47.3 141.9

145 29.5 15.1 45.3

