

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080823\
 Data File : VD076949.D
 Acq On : 08 Aug 2023 12:11
 Operator : KP/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Quant Time: Aug 09 05:58:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080823S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 09 05:56:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	198885	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	351401	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	320892	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	147747	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	8036	5.122	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	10.240%#
35) Dibromofluoromethane	7.810	113	9424	4.988	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	9.980%#
50) Toluene-d8	10.269	98	30009	4.946	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	9.900%#
62) 4-Bromofluorobenzene	12.575	95	10822	5.102	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	10.200%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	7721	4.563	ug/l	95
3) Chloromethane	2.146	50	9839	5.832	ug/l	93
4) Vinyl Chloride	2.275	62	14367	5.779	ug/l	97
5) Bromomethane	2.687	94	13817	6.145	ug/l	96
6) Chloroethane	2.834	64	12233	5.990	ug/l	96
7) Trichlorofluoromethane	3.175	101	16414	6.061	ug/l	96
8) Diethyl Ether	3.593	74	4769	5.473	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.958	101	12014	6.478	ug/l	91
10) Methyl Iodide	4.164	142	8715	4.879	ug/l #	49
11) Tert butyl alcohol	5.052	59	341	2.785	ug/l #	73
12) 1,1-Dichloroethene	3.934	96	9084	5.968	ug/l	88
13) Acrolein	3.805	56	1636	31.192	ug/l	95
14) Allyl chloride	4.558	41	10675	5.711	ug/l	89
15) Acrylonitrile	5.258	53	11888	27.435	ug/l #	90
16) Acetone	4.028	43	11974	24.359	ug/l	90
17) Carbon Disulfide	4.269	76	13755	5.338	ug/l	99
18) Methyl Acetate	4.563	43	8528	5.821	ug/l	93
19) Methyl tert-butyl Ether	5.322	73	23742	5.526	ug/l	93
20) Methylene Chloride	4.799	84	34536	2.922	ug/l	89
21) trans-1,2-Dichloroethene	5.316	96	9748	5.607	ug/l	97
22) Diisopropyl ether	6.205	45	25541	5.230	ug/l #	91
23) Vinyl Acetate	6.158	43	52988	23.136	ug/l	98
24) 1,1-Dichloroethane	6.110	63	20591	5.899	ug/l	92
25) 2-Butanone	7.081	43	16383	31.218	ug/l	89
26) 2,2-Dichloropropane	7.063	77	9673	3.052	ug/l #	65
27) cis-1,2-Dichloroethene	7.075	96	12885	5.401	ug/l	88
28) Bromochloromethane	7.434	49	8756	5.249	ug/l #	87
29) Tetrahydrofuran	7.446	42	8040	27.436	ug/l #	80
30) Chloroform	7.599	83	21945	5.511	ug/l	99
31) Cyclohexane	7.875	56	15086	4.962	ug/l #	81
32) 1,1,1-Trichloroethane	7.793	97	18715	5.726	ug/l	96
36) 1,1-Dichloropropene	8.010	75	12965	5.550	ug/l	98
37) Ethyl Acetate	7.181	43	7008	6.501	ug/l #	93
38) Carbon Tetrachloride	7.993	117	13759	5.503	ug/l #	93
39) Methylcyclohexane	9.281	83	13778	5.567	ug/l	92
40) Benzene	8.252	78	42211	5.619	ug/l	100

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Instrument :
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	3478	5.979	ug/l #	95
42) 1,2-Dichloroethane	8.328	62	11030	5.447	ug/l	98
43) Isopropyl Acetate	8.363	43	11105	5.482	ug/l	99
44) Trichloroethene	9.028	130	11576	5.582	ug/l	85
45) 1,2-Dichloropropane	9.304	63	11412	5.638	ug/l	94
46) Dibromomethane	9.393	93	7252	5.995	ug/l	87
47) Bromodichloromethane	9.581	83	17298	5.575	ug/l	94
48) Methyl methacrylate	9.381	41	4675	5.248	ug/l #	85
49) 1,4-Dioxane	9.387	88	1894	133.961	ug/l #	68
51) 4-Methyl-2-Pentanone	10.157	43	30976	27.703	ug/l	92
52) Toluene	10.334	92	26684	5.409	ug/l	94
53) t-1,3-Dichloropropene	10.551	75	14467	5.344	ug/l	92
54) cis-1,3-Dichloropropene	10.010	75	17216	5.484	ug/l #	87
55) 1,1,2-Trichloroethane	10.728	97	10290	5.732	ug/l	94
56) Ethyl methacrylate	10.598	69	9421	5.063	ug/l #	80
57) 1,3-Dichloropropane	10.881	76	15849	5.683	ug/l	93
58) 2-Chloroethyl Vinyl ether	9.875	63	19155	27.387	ug/l	98
59) 2-Hexanone	10.922	43	21221	27.881	ug/l	96
60) Dibromochloromethane	11.069	129	12060	5.571	ug/l	98
61) 1,2-Dibromoethane	11.181	107	8793	5.508	ug/l	100
64) Tetrachloroethene	10.810	164	9916	6.139	ug/l #	86
65) Chlorobenzene	11.610	112	32580	5.739	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.681	131	12922	5.768	ug/l	94
67) Ethyl Benzene	11.681	91	52701	5.502	ug/l	97
68) m/p-Xylenes	11.793	106	39869	10.718	ug/l	93
69) o-Xylene	12.122	106	19386	5.434	ug/l	96
70) Styrene	12.134	104	32998	5.189	ug/l	97
71) Bromoform	12.298	173	7298	5.876	ug/l #	87
73) Isopropylbenzene	12.422	105	51526	5.542	ug/l	96
74) N-amyl acetate	12.234	43	10931	5.901	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.675	83	11805	5.762	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	14411	10.397	ug/l #	100
77) Bromobenzene	12.704	156	13783	6.092	ug/l	94
78) n-propylbenzene	12.763	91	62565	5.532	ug/l	95
79) 2-Chlorotoluene	12.845	91	36247	5.829	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	41135	5.451	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	3590	6.085	ug/l	92
82) 4-Chlorotoluene	12.951	91	36550	5.616	ug/l	92
83) tert-Butylbenzene	13.163	119	38349	5.542	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	41680	5.420	ug/l	97
85) sec-Butylbenzene	13.345	105	56641	5.418	ug/l	99
86) p-Isopropyltoluene	13.457	119	46078	5.337	ug/l	97
87) 1,3-Dichlorobenzene	13.463	146	26714	5.693	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	27754	5.932	ug/l	94
89) n-Butylbenzene	13.787	91	46449	5.648	ug/l	97
90) Hexachloroethane	14.051	117	9934	5.694	ug/l	84
91) 1,2-Dichlorobenzene	13.828	146	24123	5.782	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.439	75	1802	6.469	ug/l	95
93) 1,2,4-Trichlorobenzene	15.104	180	16216	6.284	ug/l	90
94) Hexachlorobutadiene	15.204	225	8132	6.299	ug/l	98
95) Naphthalene	15.334	128	31906	6.079	ug/l	96
96) 1,2,3-Trichlorobenzene	15.522	180	14061	6.111	ug/l	96

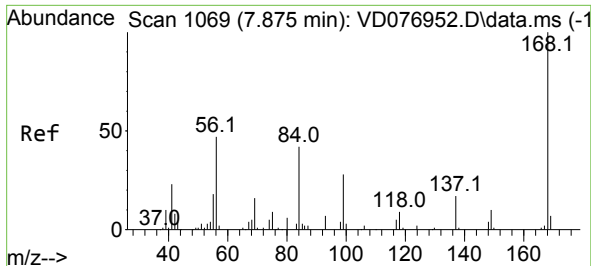
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080823\
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Quant Title : SW846 8260
QLast Update : Wed Aug 09 05:56:43 2023
Response via : Initial Calibration

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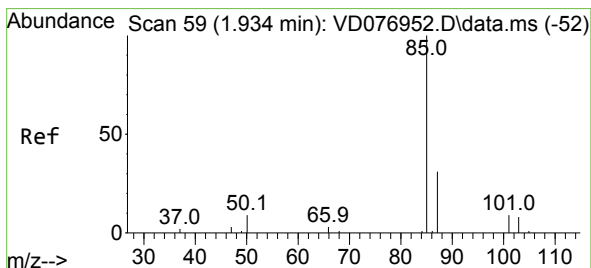
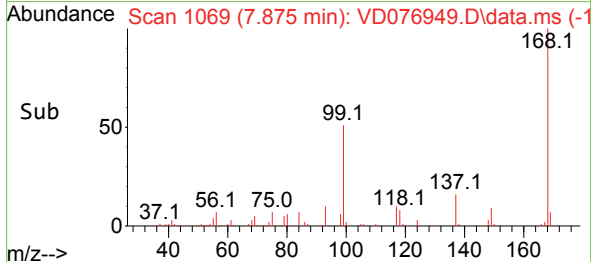
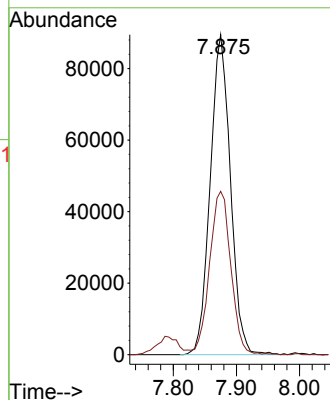
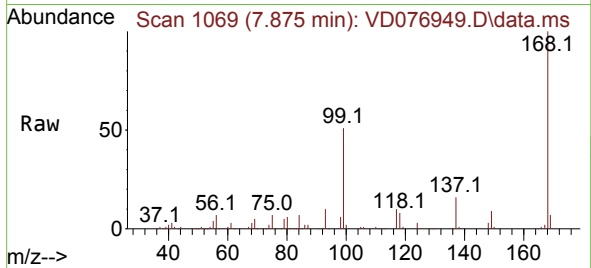
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076949.D
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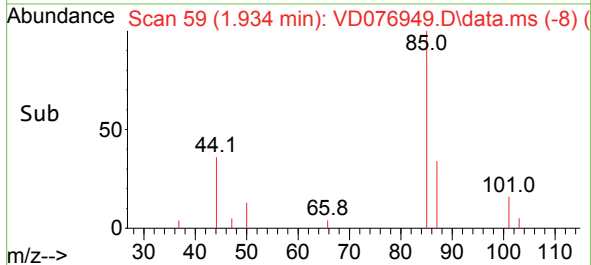
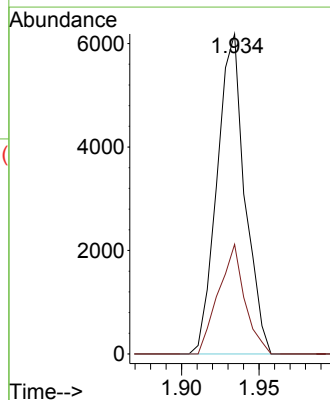
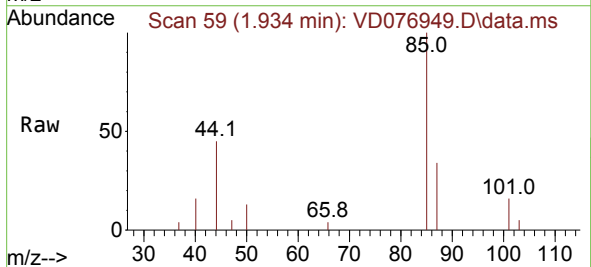
Instrument :
MSVOA_D
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VSTDIC005

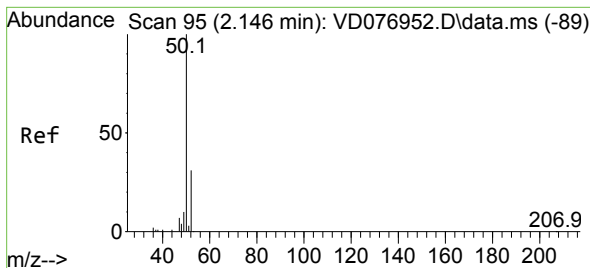
Tgt Ion:168 Resp: 198885
Ion Ratio Lower Upper
168 100
99 51.1 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 4.563 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD076949.D
Acq: 08 Aug 2023 12:11

Tgt Ion: 85 Resp: 7721
Ion Ratio Lower Upper
85 100
87 34.3 15.7 47.0





#3

Chloromethane

Concen: 5.832 ug/l

RT: 2.146 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD076949.D

Acq: 08 Aug 2023 12:11

Instrument :

MSVOA_D

ClientSampleId :

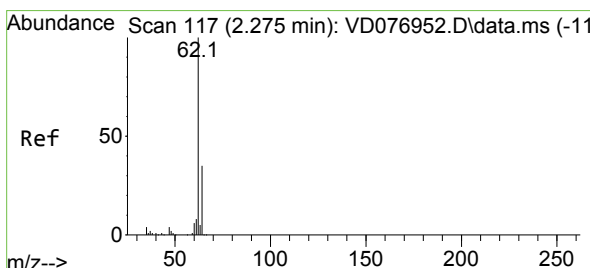
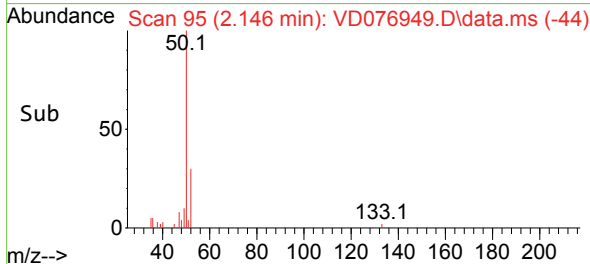
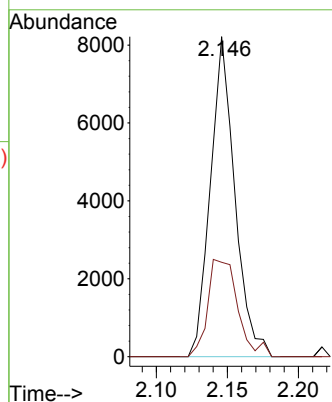
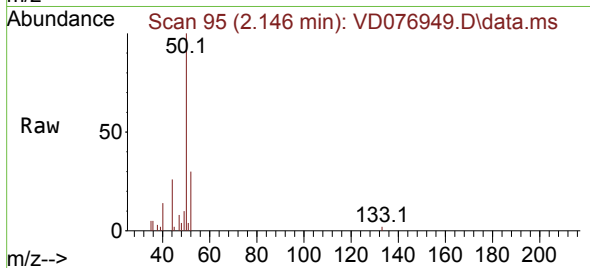
VSTDICC005

Tgt Ion: 50 Resp: 9839

Ion Ratio Lower Upper

50 100

52 29.5 26.6 40.0



#4

Vinyl Chloride

Concen: 5.779 ug/l

RT: 2.275 min Scan# 117

Delta R.T. 0.000 min

Lab File: VD076949.D

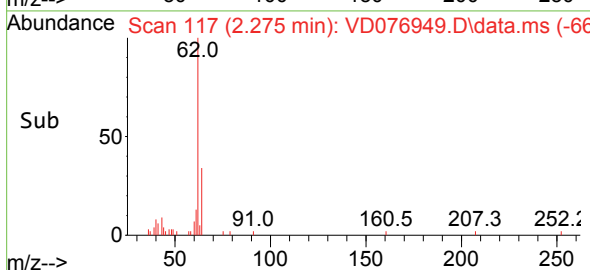
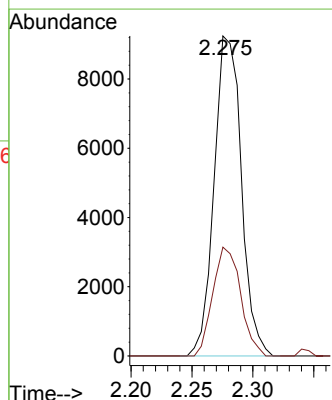
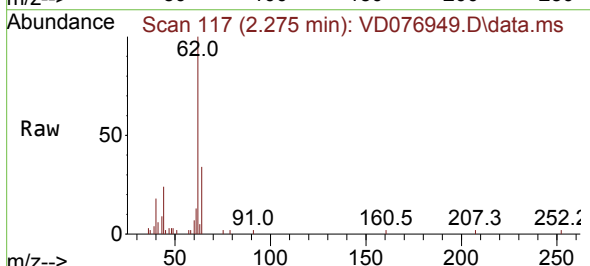
Acq: 08 Aug 2023 12:11

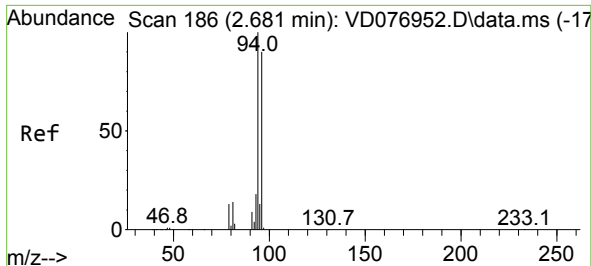
Tgt Ion: 62 Resp: 14367

Ion Ratio Lower Upper

62 100

64 34.0 26.0 39.0

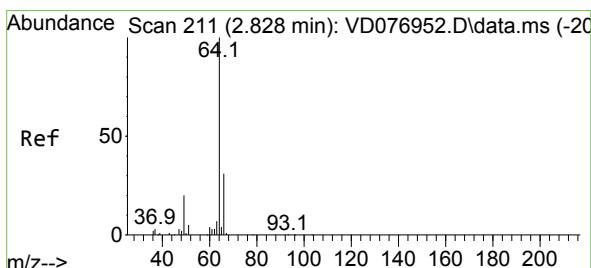
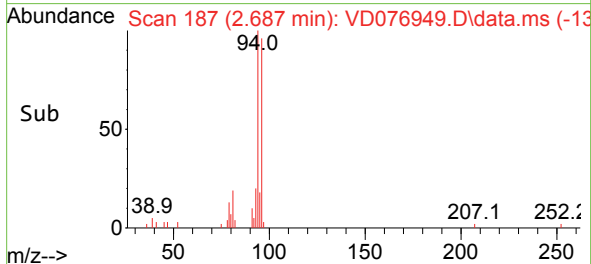
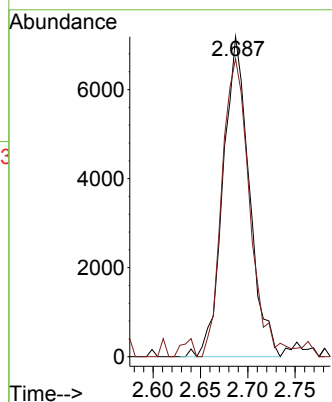
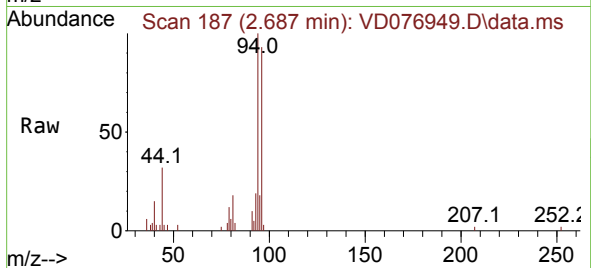




#5
Bromomethane
Concen: 6.145 ug/l
RT: 2.687 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076949.D
Acq: 08 Aug 2023 12:11

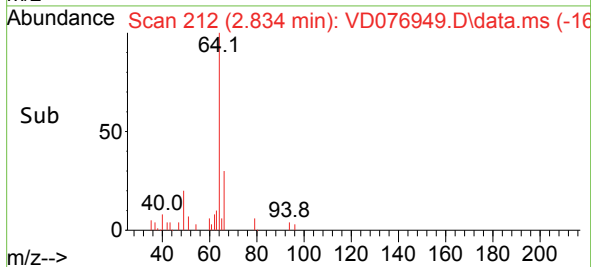
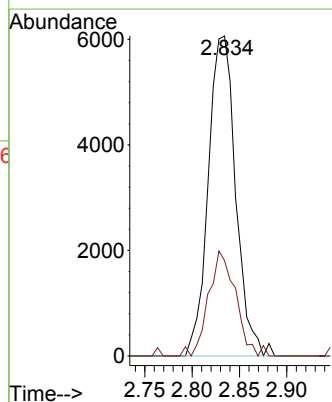
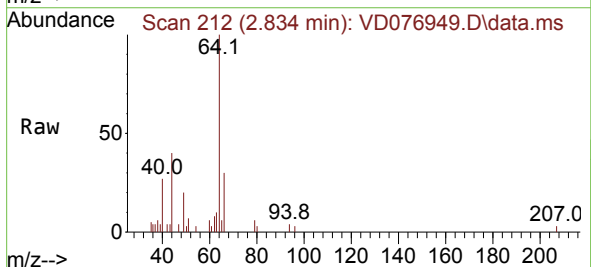
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

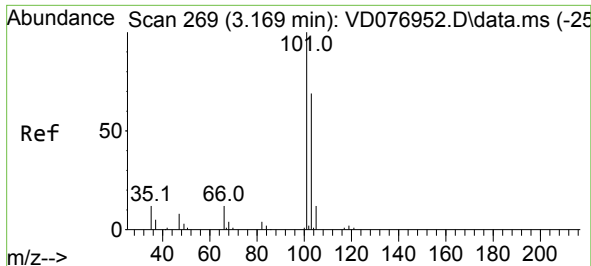
Tgt Ion: 94 Resp: 13817
Ion Ratio Lower Upper
94 100
96 98.7 75.8 113.8



#6
Chloroethane
Concen: 5.990 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.006 min
Lab File: VD076949.D
Acq: 08 Aug 2023 12:11

Tgt Ion: 64 Resp: 12233
Ion Ratio Lower Upper
64 100
66 29.8 25.5 38.3

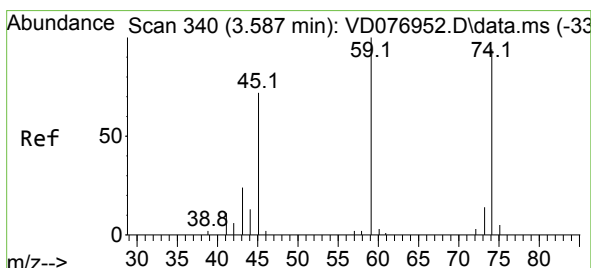
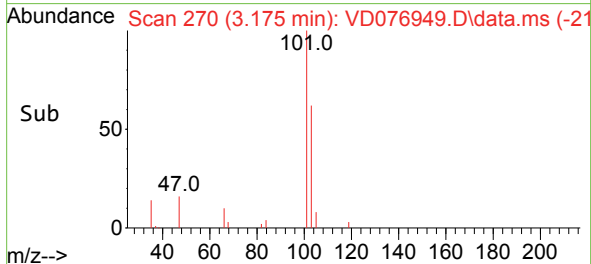
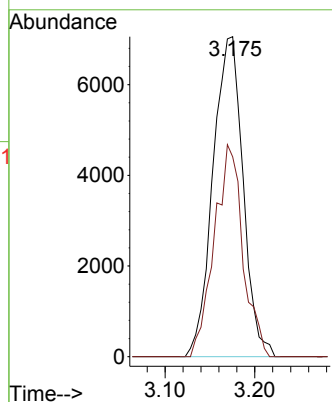
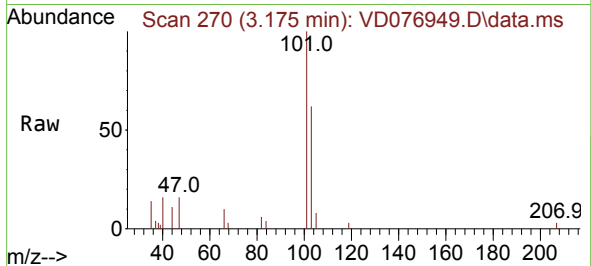




#7
 Trichlorofluoromethane
 Concen: 6.061 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD076949.D
 Acq: 08 Aug 2023 12:11

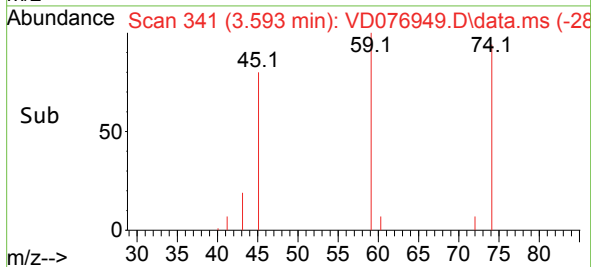
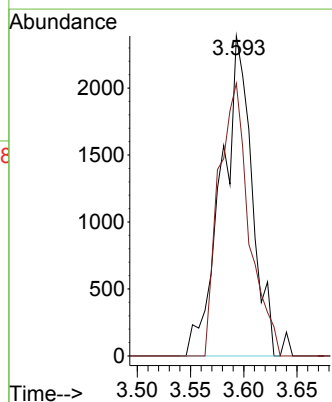
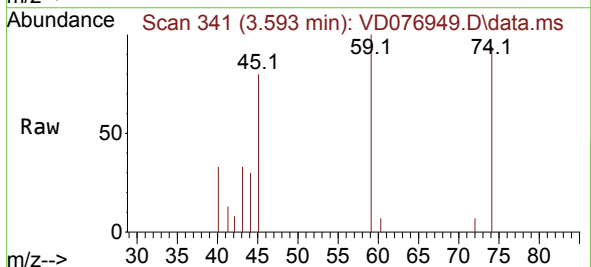
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 ClientSampleId :
 VSTDIC005

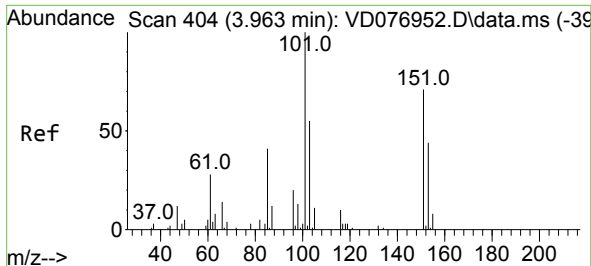
Tgt Ion:101 Resp: 16414
 Ion Ratio Lower Upper
 101 100
 103 62.4 52.3 78.5



#8
 Diethyl Ether
 Concen: 5.473 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VD076949.D
 Acq: 08 Aug 2023 12:11

Tgt Ion: 74 Resp: 4769
 Ion Ratio Lower Upper
 74 100
 45 84.7 37.5 112.7

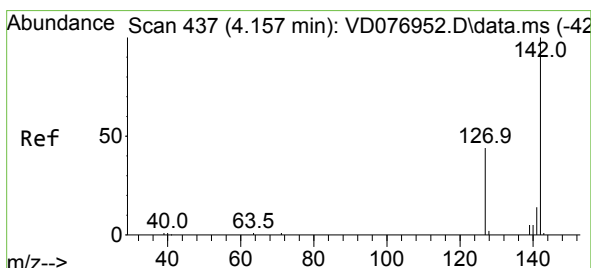
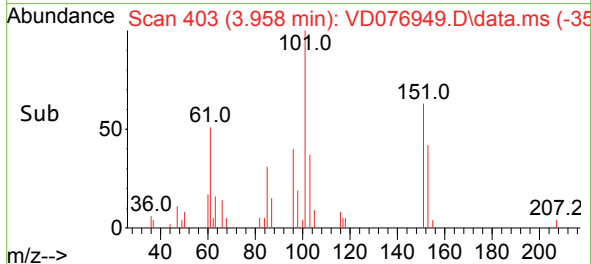
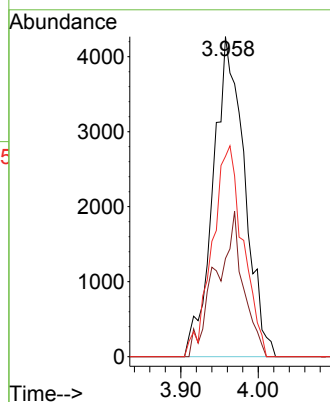
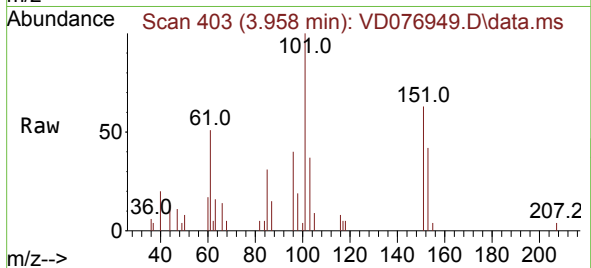




#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.478 ug/l
RT: 3.958 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD076949.D
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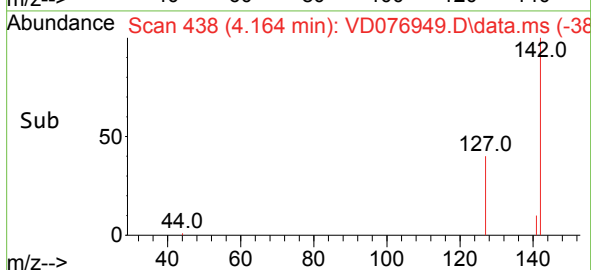
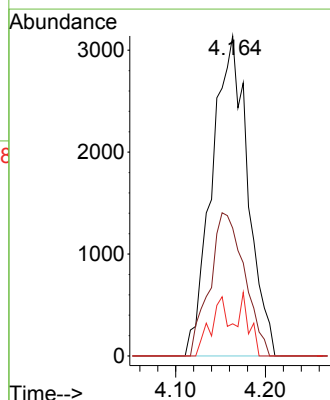
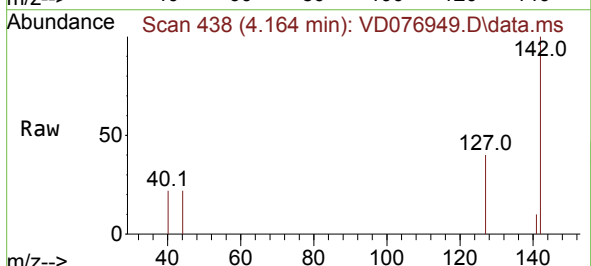
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

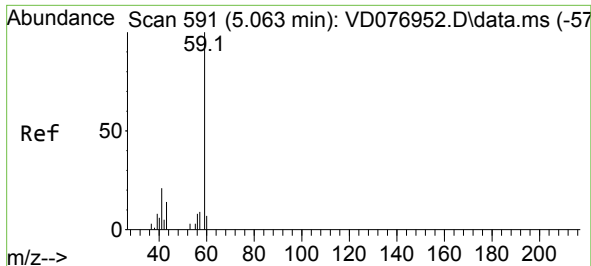
Tgt Ion:101	Resp:	12014
Ion	Ratio	Lower Upper
101	100	
85	39.7	33.8 50.6
151	65.0	59.8 89.6



#10
Methyl Iodide
Concen: 4.879 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.006 min
Lab File: VD076949.D
Acq: 08 Aug 2023 12:11

Tgt Ion:142	Resp:	8715
Ion	Ratio	Lower Upper
142	100	
127	0.0	29.4 44.0#
141	4.7	11.1 16.7#

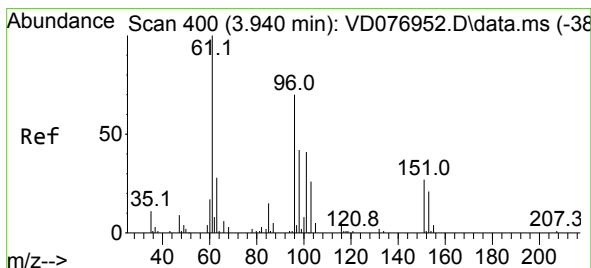
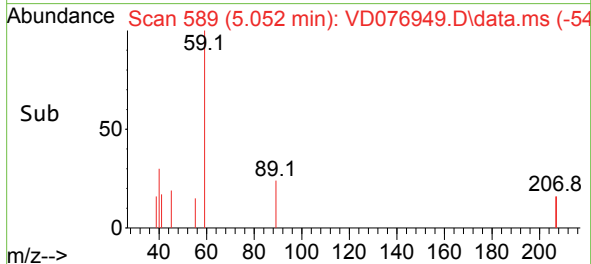
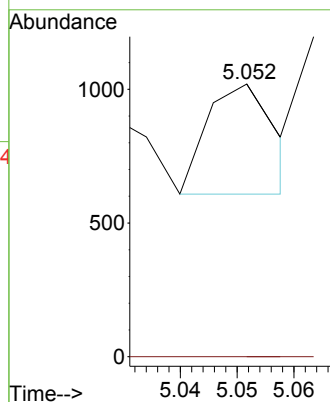
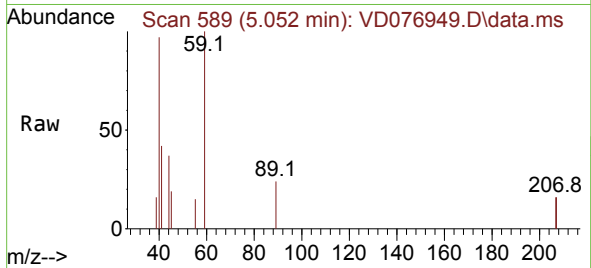




#11
Tert butyl alcohol
Concen: 2.785 ug/l
RT: 5.052 min Scan# 51
Delta R.T. -0.011 min
Lab File: VD076949.D
Acq: 08 Aug 2023 12:11

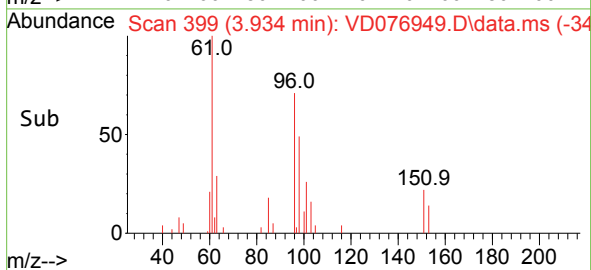
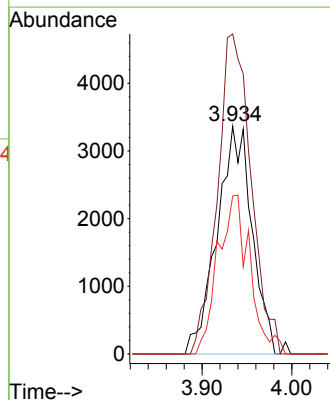
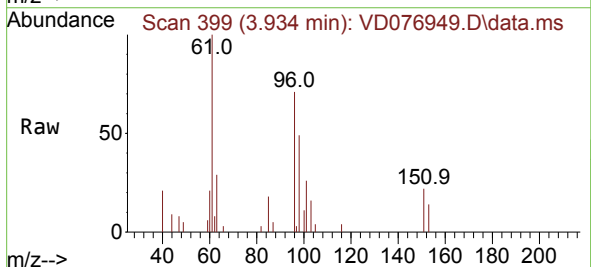
Instrument :
MSVOA_D
ClientSampleId :
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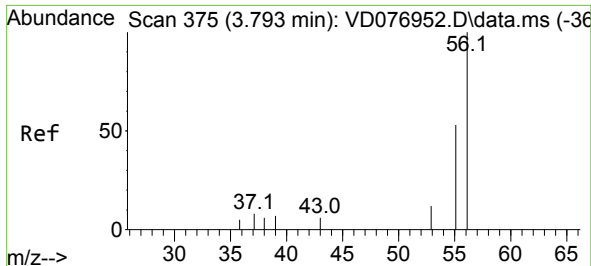
Tgt Ion: 59 Resp: 341
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 5.968 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD076949.D
Acq: 08 Aug 2023 12:11

Tgt Ion: 96 Resp: 9084
Ion Ratio Lower Upper
96 100
61 140.5 100.6 150.8
98 69.4 50.2 75.2

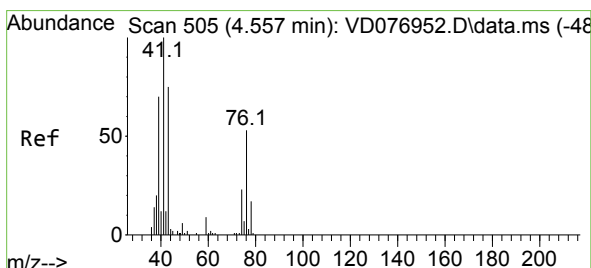
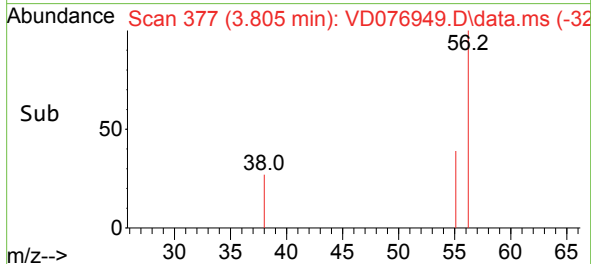
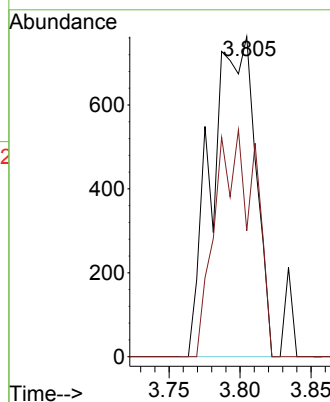
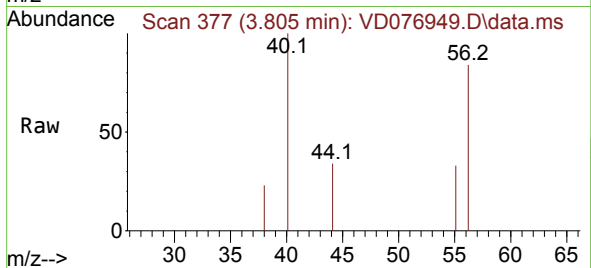




#13
Acrolein
Concen: 31.192 ug/l
RT: 3.805 min Scan# 31
Delta R.T. 0.012 min
Lab File: VD076949.D
Acq: 08 Aug 2023 12:11

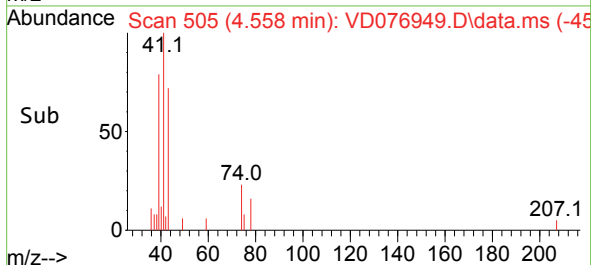
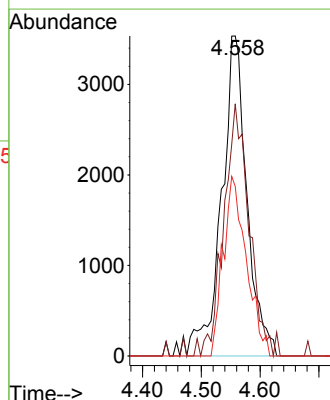
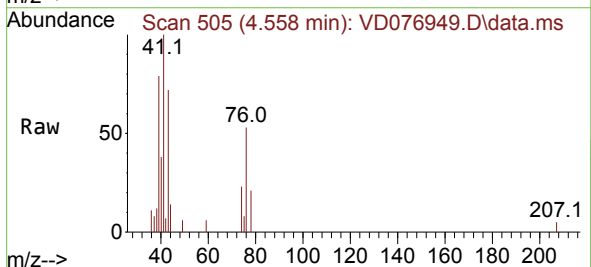
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

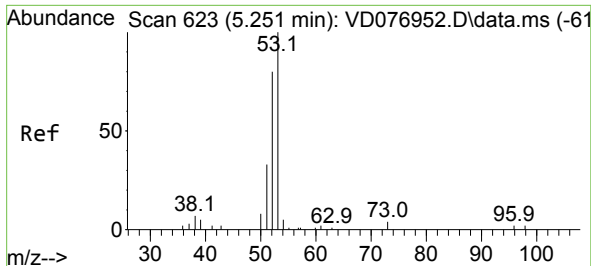
Tgt Ion: 56 Resp: 1636
Ion Ratio Lower Upper
56 100
55 64.7 55.1 82.7



#14
Allyl chloride
Concen: 5.711 ug/l
RT: 4.558 min Scan# 505
Delta R.T. 0.000 min
Lab File: VD076949.D
Acq: 08 Aug 2023 12:11

Tgt Ion: 41 Resp: 10675
Ion Ratio Lower Upper
41 100
39 77.6 53.8 80.6
76 50.9 45.8 68.8

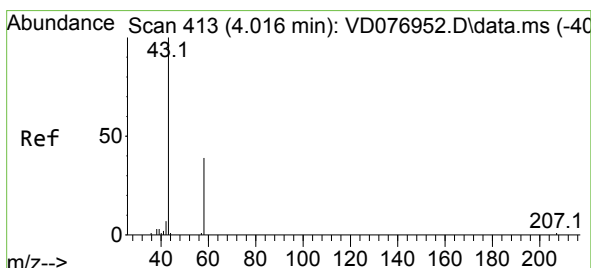
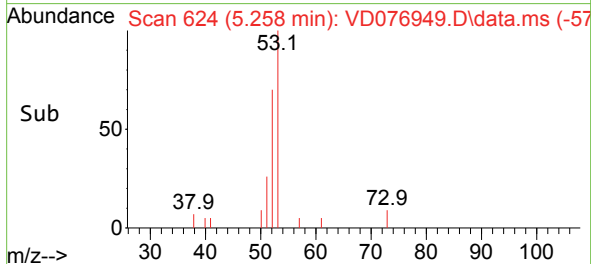
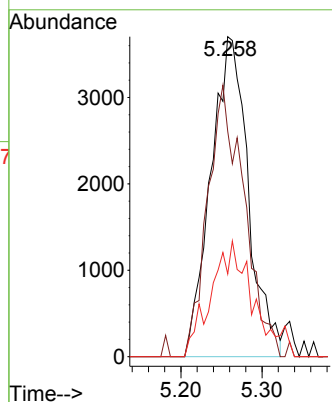
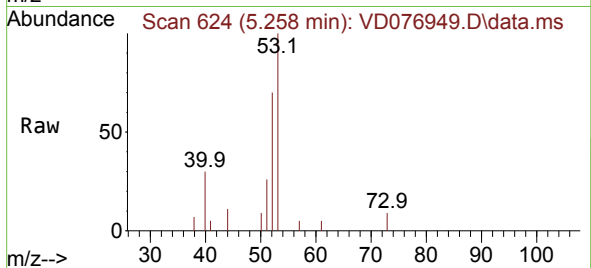




#15
Acrylonitrile
Concen: 27.435 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD076949.D
Acq: 08 Aug 2023 12:11

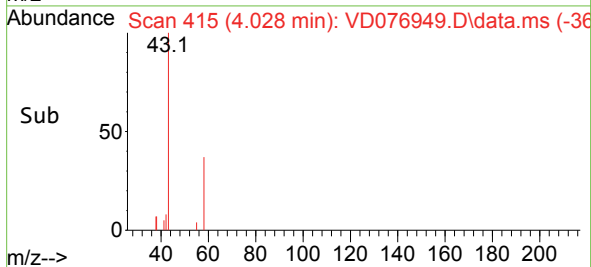
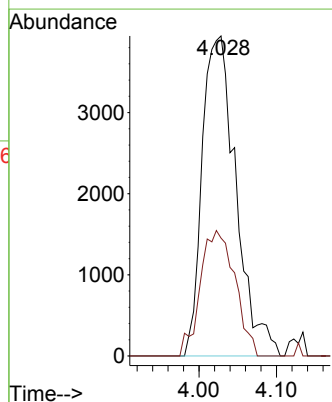
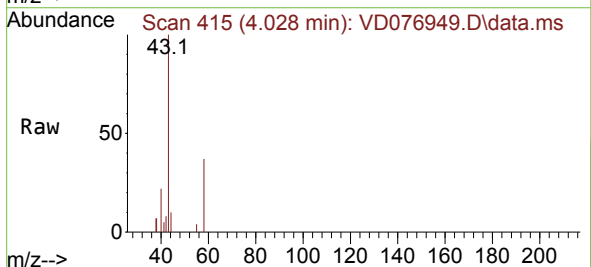
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

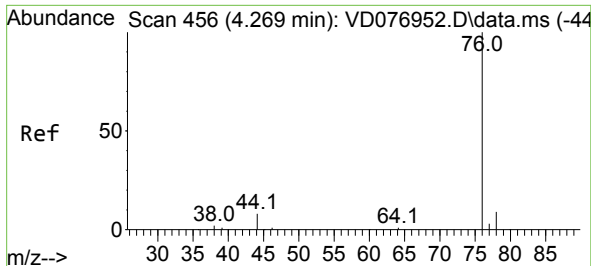
Tgt Ion: 53 Resp: 11888
Ion Ratio Lower Upper
53 100
52 82.6 65.0 97.4
51 17.9 28.3 42.5#



#16
Acetone
Concen: 24.359 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.012 min
Lab File: VD076949.D
Acq: 08 Aug 2023 12:11

Tgt Ion: 43 Resp: 11974
Ion Ratio Lower Upper
43 100
58 36.9 34.7 52.1

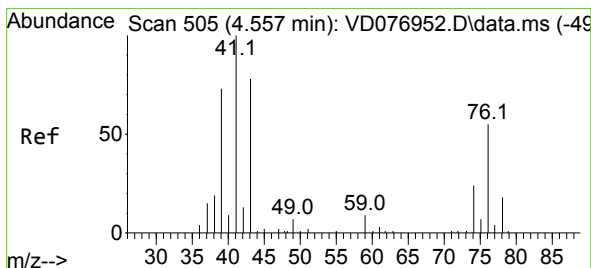
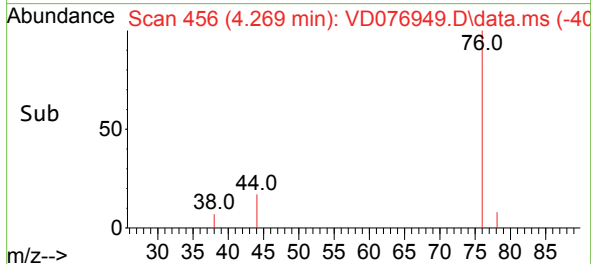
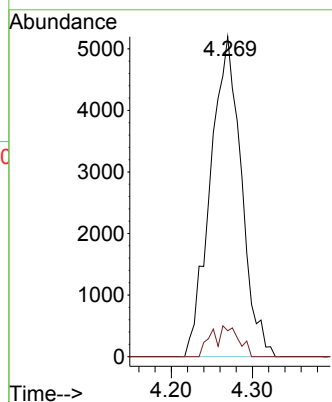
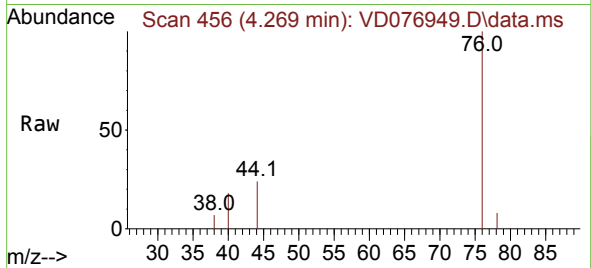




#17
Carbon Disulfide
Concen: 5.338 ug/l
RT: 4.269 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD076949.D
Acq: 08 Aug 2023 12:11

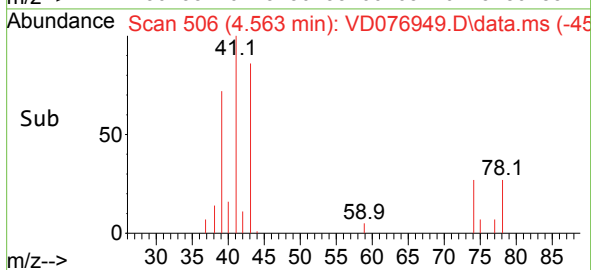
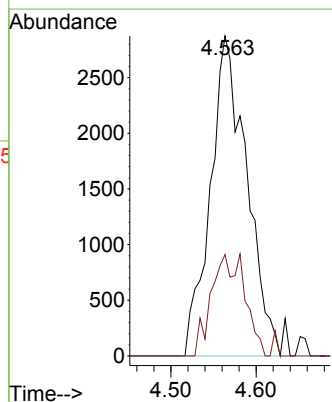
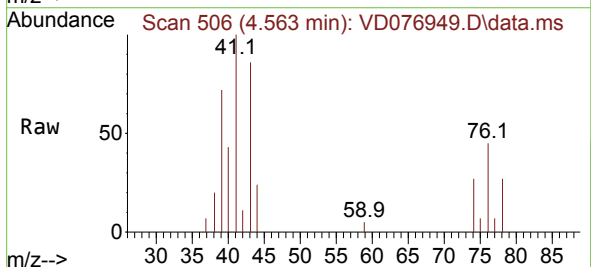
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

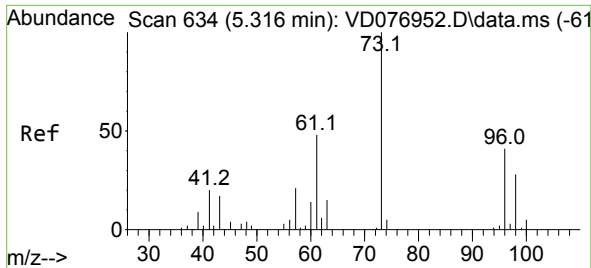
Tgt Ion: 76 Resp: 13755
Ion Ratio Lower Upper
76 100
78 8.1 6.8 10.2



#18
Methyl Acetate
Concen: 5.821 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD076949.D
Acq: 08 Aug 2023 12:11

Tgt Ion: 43 Resp: 8528
Ion Ratio Lower Upper
43 100
74 29.2 26.4 39.6

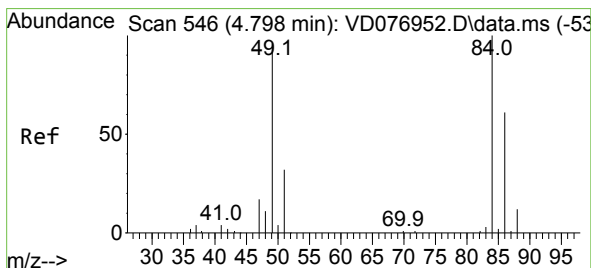
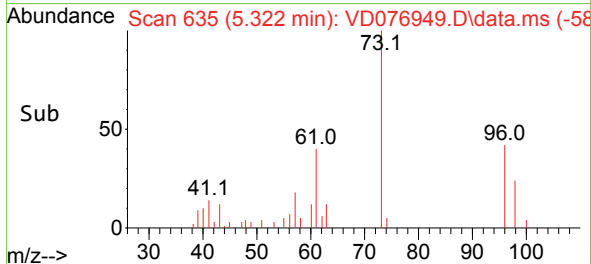
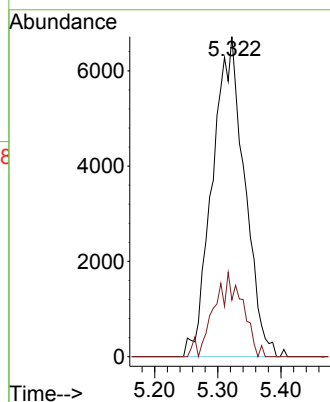
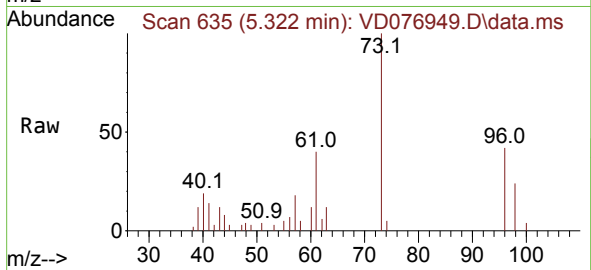




#19
Methyl tert-butyl Ether
Concen: 5.526 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD076949.D
Acq: 08 Aug 2023 12:11

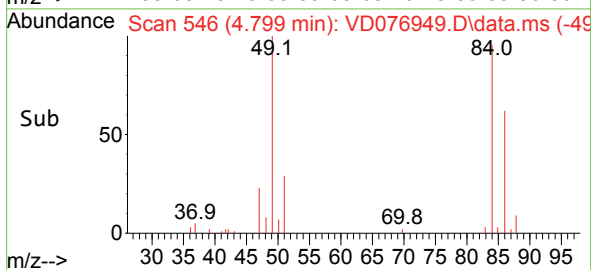
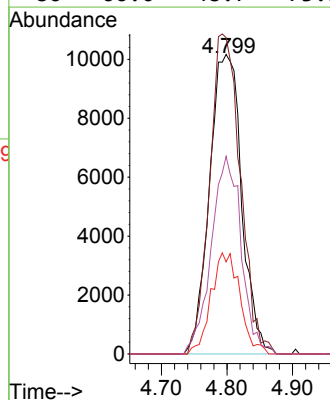
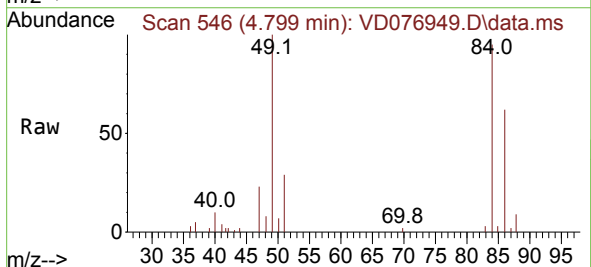
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

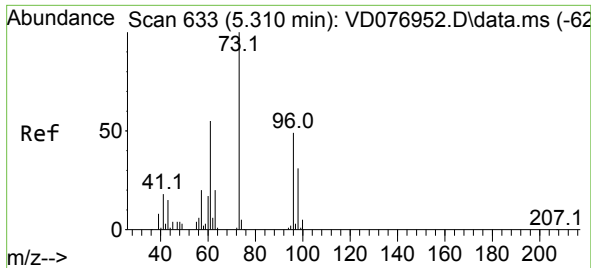
Tgt Ion: 73 Resp: 23742
Ion Ratio Lower Upper
73 100
57 17.7 16.6 25.0



#20
Methylene Chloride
Concen: 2.922 ug/l
RT: 4.799 min Scan# 546
Delta R.T. 0.001 min
Lab File: VD076949.D
Acq: 08 Aug 2023 12:11

Tgt Ion: 84 Resp: 34536
Ion Ratio Lower Upper
84 100
49 105.6 71.4 107.2
51 30.8 24.5 36.7
86 66.0 48.7 73.1

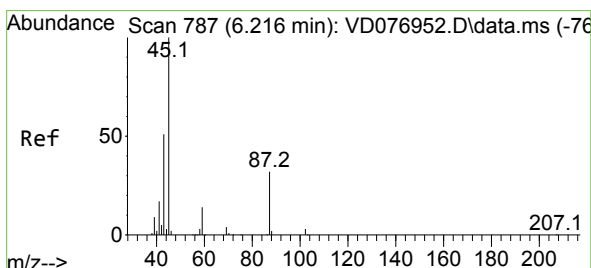
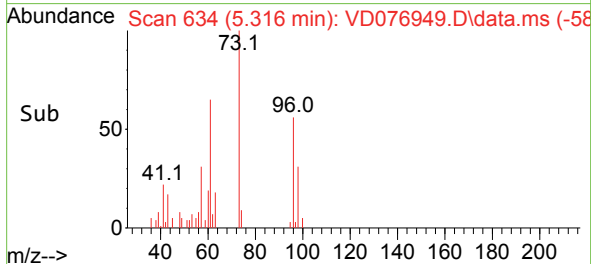
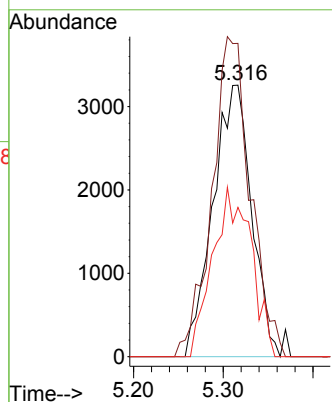
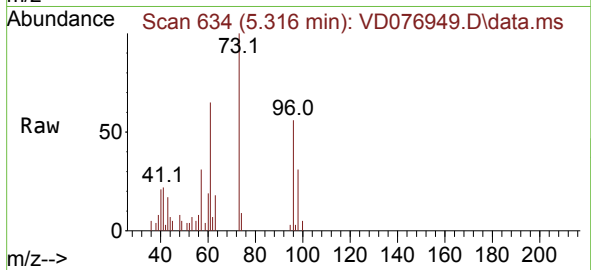




#21
trans-1,2-Dichloroethene
Concen: 5.607 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD076949.D
Acq: 08 Aug 2023 12:11

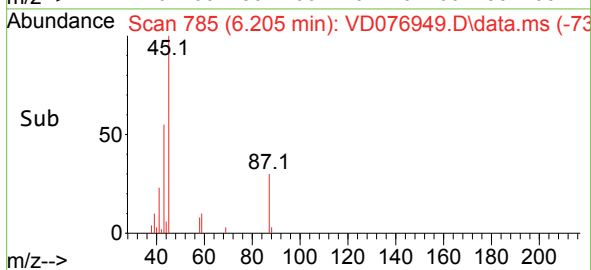
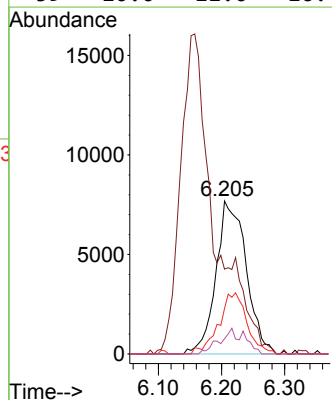
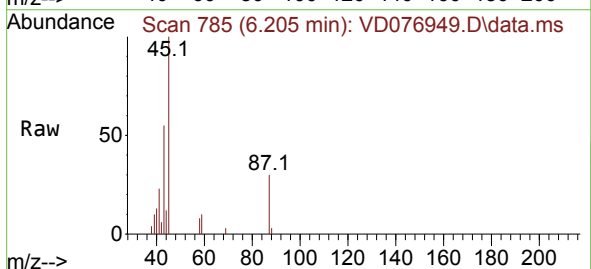
Instrument :
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ClientSampleId :
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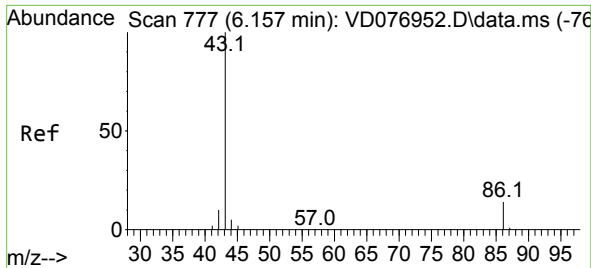
Tgt Ion: 96 Resp: 9748
Ion Ratio Lower Upper
96 100
61 110.3 89.3 133.9
98 55.0 48.6 73.0



#22
Diisopropyl ether
Concen: 5.230 ug/l
RT: 6.205 min Scan# 785
Delta R.T. -0.011 min
Lab File: VD076949.D
Acq: 08 Aug 2023 12:11

Tgt Ion: 45 Resp: 25541
Ion Ratio Lower Upper
45 100
43 55.5 40.0 60.0
87 29.7 28.2 42.4
59 10.0 11.0 16.4#

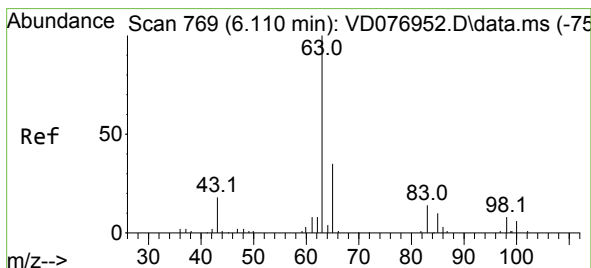
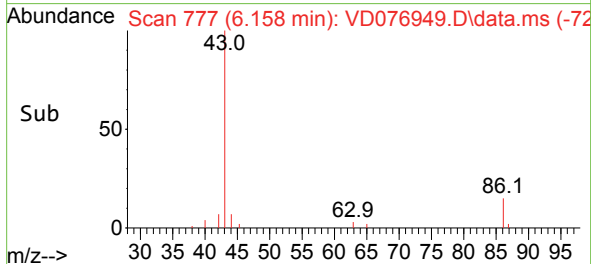
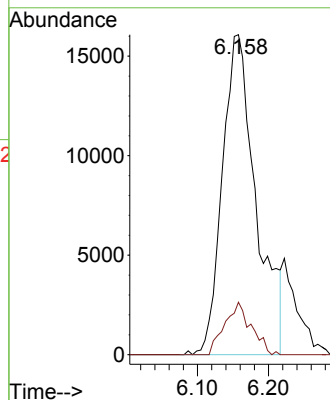
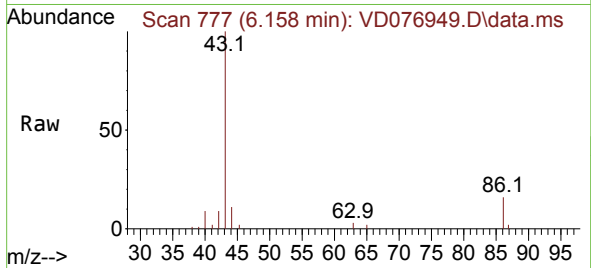




#23
 Vinyl Acetate
 Concen: 23.136 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD076949.D
 Acq: 08 Aug 2023 12:11

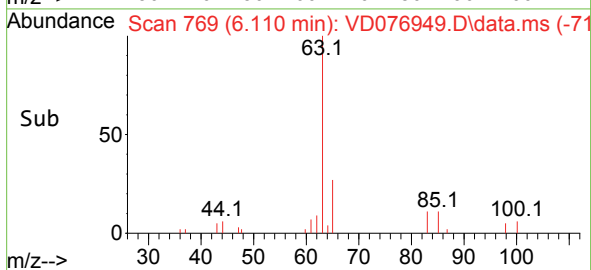
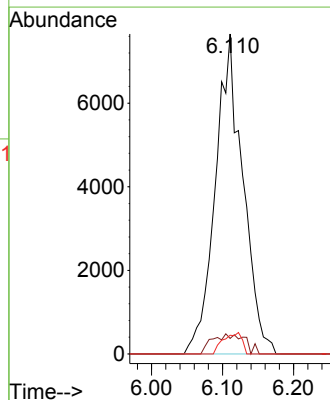
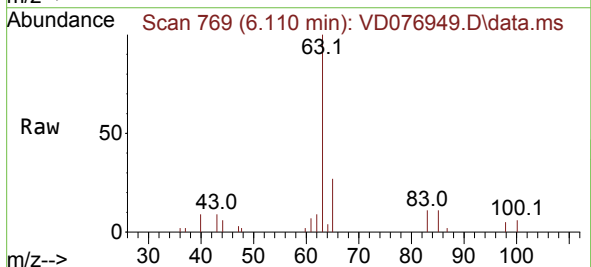
Instrument :
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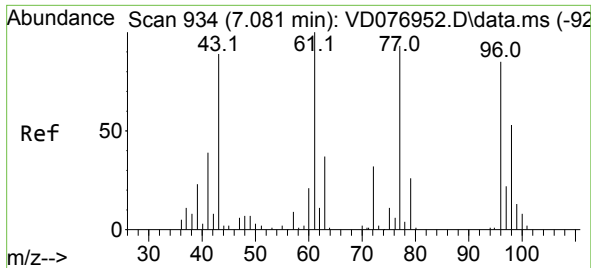
Tgt Ion: 43 Resp: 52988
 Ion Ratio Lower Upper
 43 100
 86 16.4 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 5.899 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD076949.D
 Acq: 08 Aug 2023 12:11

Tgt Ion: 63 Resp: 20591
 Ion Ratio Lower Upper
 63 100
 98 4.8 4.5 13.7
 100 5.9 2.5 7.5

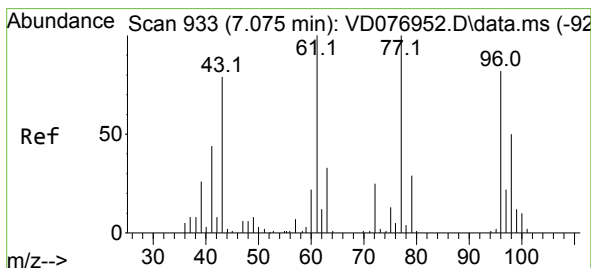
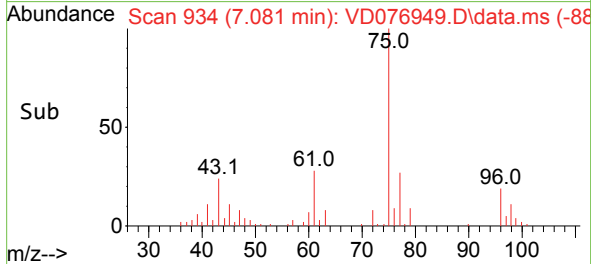
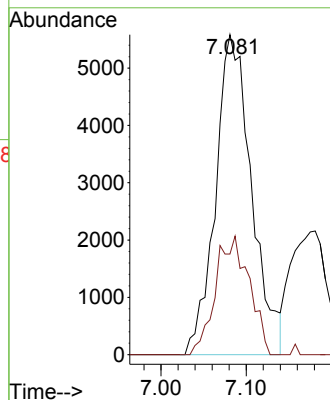
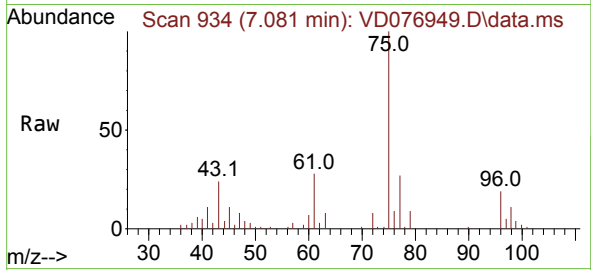




#25
2-Butanone
Concen: 31.218 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076949.D
Acq: 08 Aug 2023 12:11

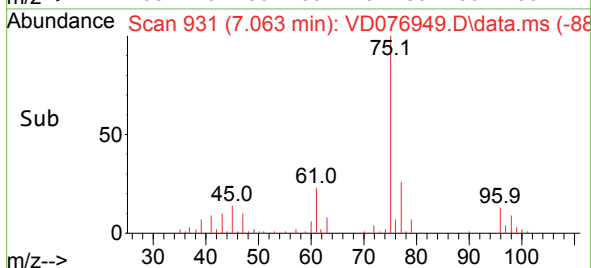
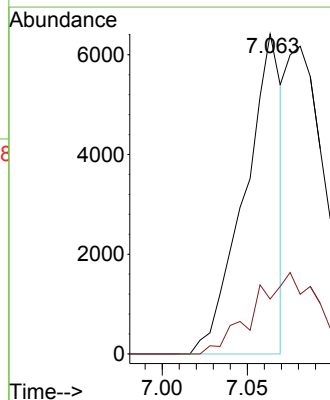
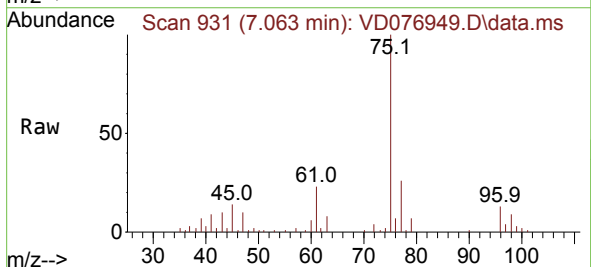
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

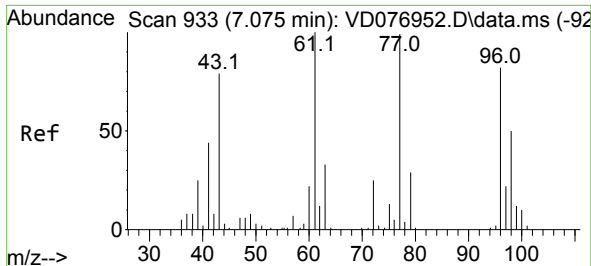
Tgt Ion: 43 Resp: 16383
Ion Ratio Lower Upper
43 100
72 31.5 30.7 46.1



#26
2,2-Dichloropropane
Concen: 3.052 ug/l
RT: 7.063 min Scan# 931
Delta R.T. -0.011 min
Lab File: VD076949.D
Acq: 08 Aug 2023 12:11

Tgt Ion: 77 Resp: 9673
Ion Ratio Lower Upper
77 100
97 44.6 13.2 39.6#





#27

cis-1,2-Dichloroethene

Concen: 5.401 ug/l

RT: 7.075 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD076949.D

Acq: 08 Aug 2023 12:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

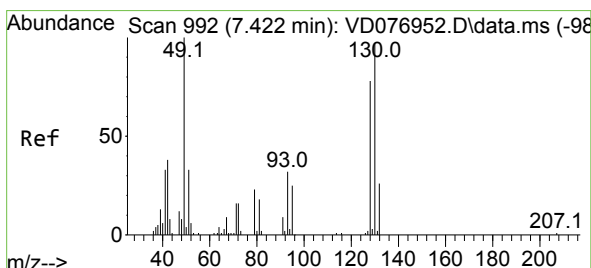
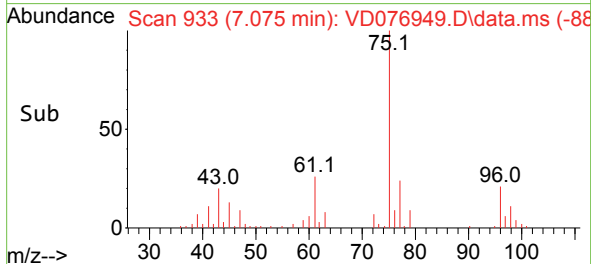
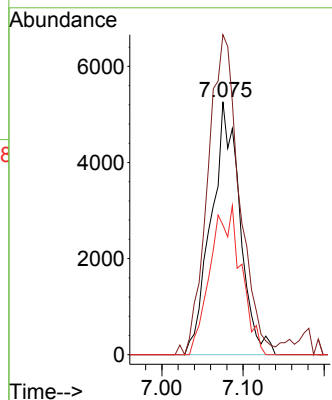
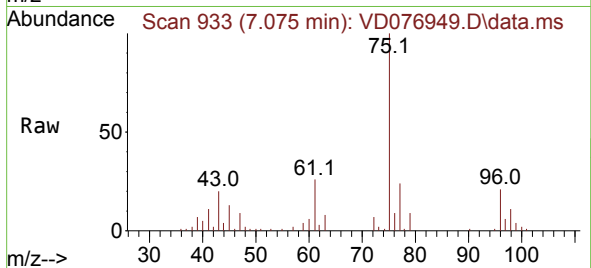
Tgt Ion: 96 Resp: 12885

Ion Ratio Lower Upper

96 100

61 139.9 0.0 239.2

98 63.5 0.0 128.6



#28

Bromochloromethane

Concen: 5.249 ug/l

RT: 7.434 min Scan# 994

Delta R.T. 0.012 min

Lab File: VD076949.D

Acq: 08 Aug 2023 12:11

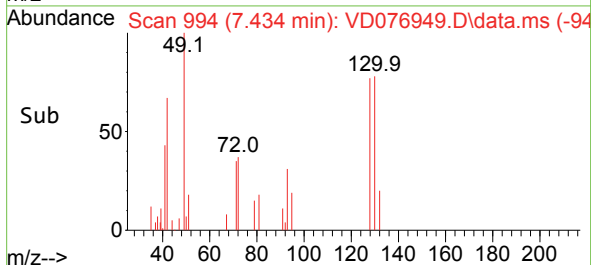
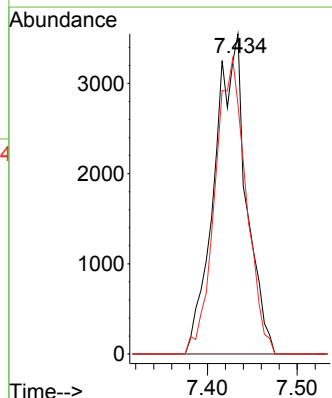
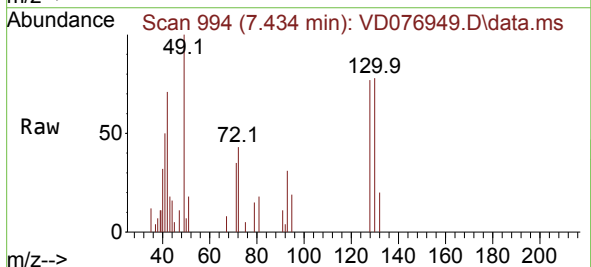
Tgt Ion: 49 Resp: 8756

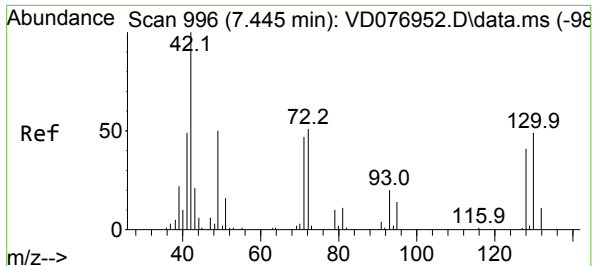
Ion Ratio Lower Upper

49 100

129 0.0 0.0 6.0

130 90.5 83.2 124.8





#29

Tetrahydrofuran

Concen: 27.436 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD076949.D

Acq: 08 Aug 2023 12:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

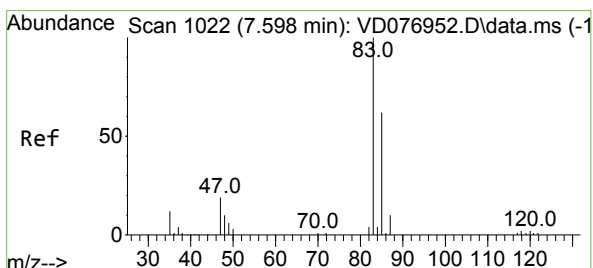
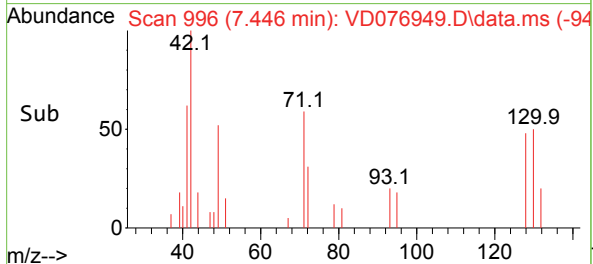
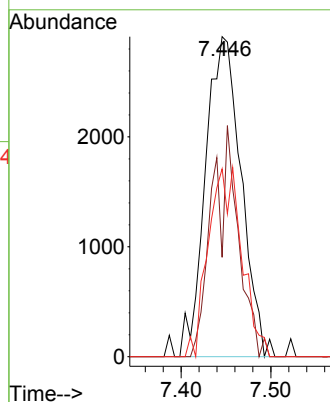
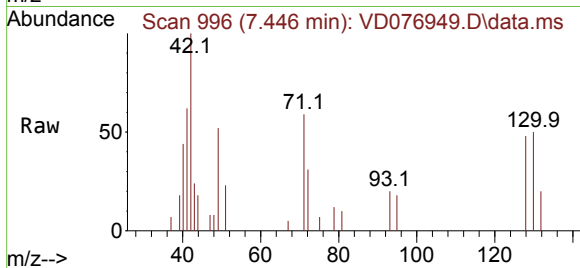
Tgt Ion: 42 Resp: 8040

Ion Ratio Lower Upper

42 100

72 28.5 46.5 69.7#

71 55.4 44.5 66.7



#30

Chloroform

Concen: 5.511 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD076949.D

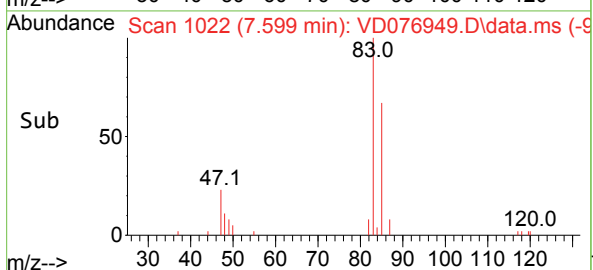
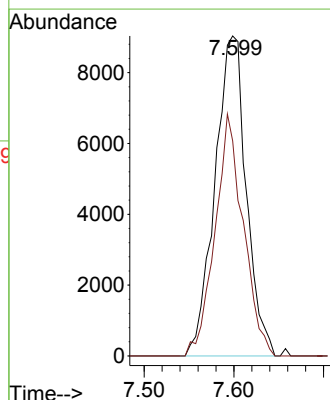
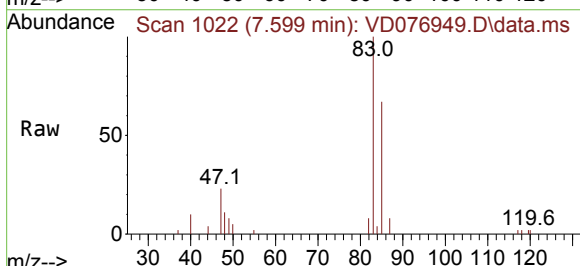
Acq: 08 Aug 2023 12:11

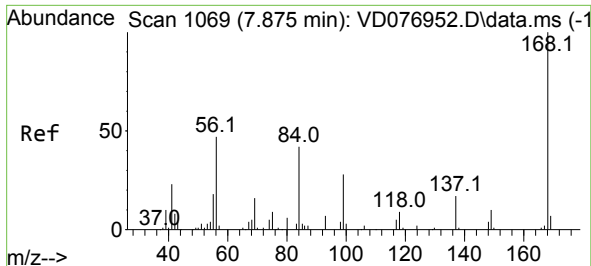
Tgt Ion: 83 Resp: 21945

Ion Ratio Lower Upper

83 100

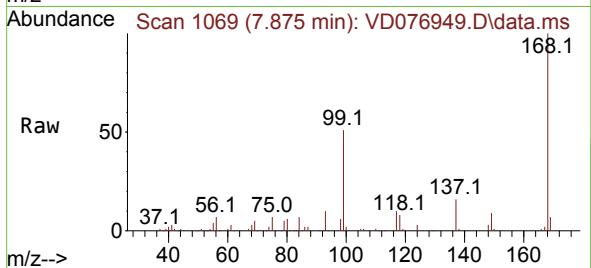
85 67.2 53.4 80.2



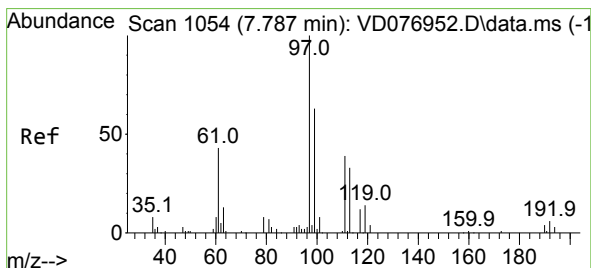
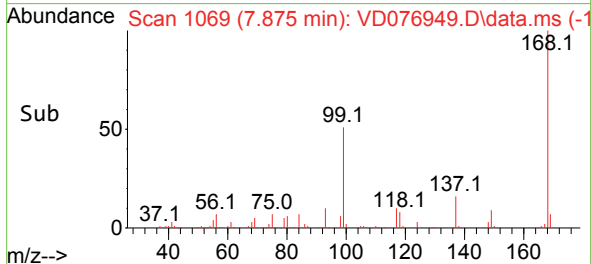
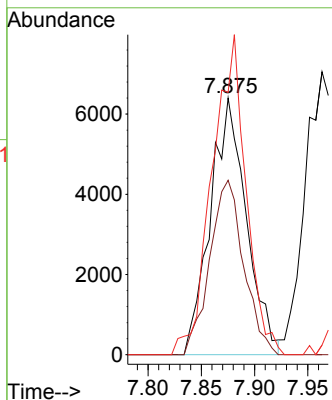


#31
Cyclohexane
Concen: 4.962 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076949.D
Acq: 08 Aug 2023 12:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

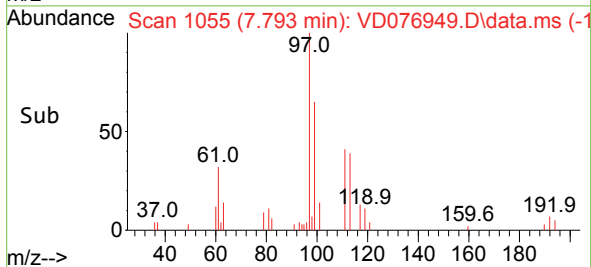
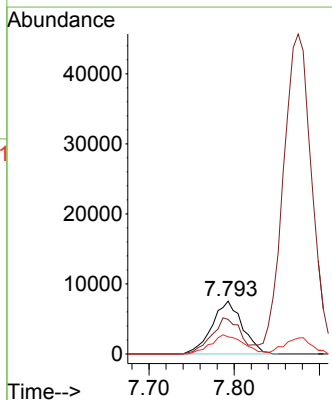
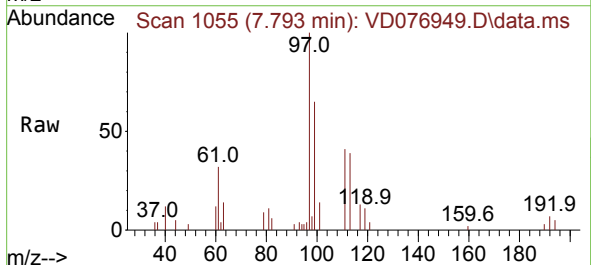


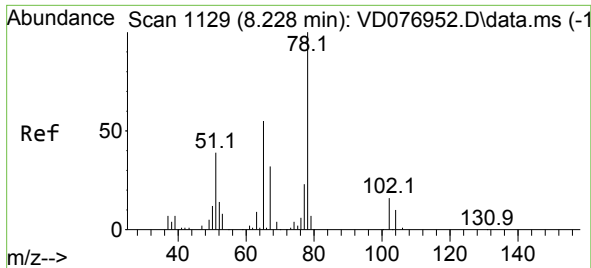
Tgt Ion: 56 Resp: 15086
Ion Ratio Lower Upper
56 100
69 67.9 28.6 43.0#
84 99.2 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 5.726 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VD076949.D
Acq: 08 Aug 2023 12:11

Tgt Ion: 97 Resp: 18715
Ion Ratio Lower Upper
97 100
99 67.4 52.0 78.0
61 38.2 33.8 50.8

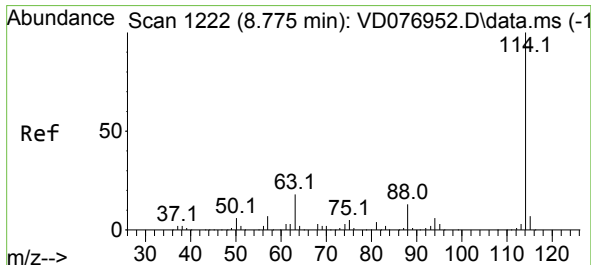
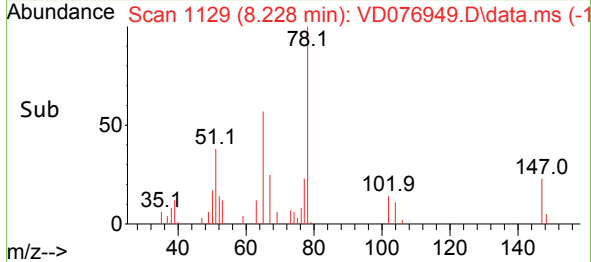
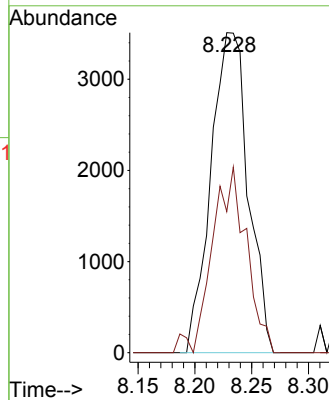
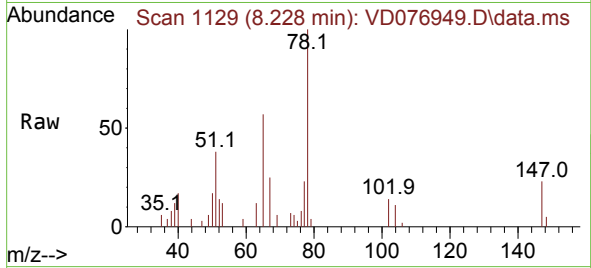




#33
 1,2-Dichloroethane-d4
 Concen: 5.122 ug/l
 RT: 8.228 min Scan# 1129
 Delta R.T. 0.000 min
 Lab File: VD076949.D
 Acq: 08 Aug 2023 12:11

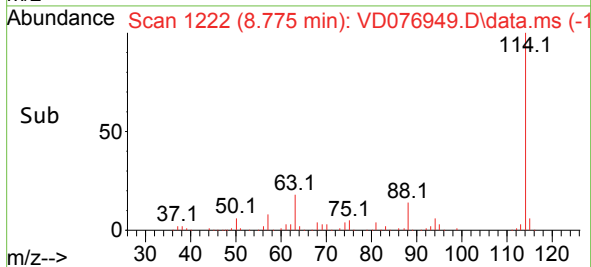
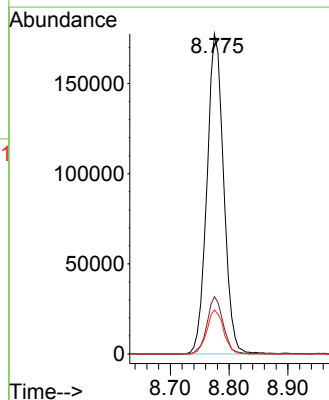
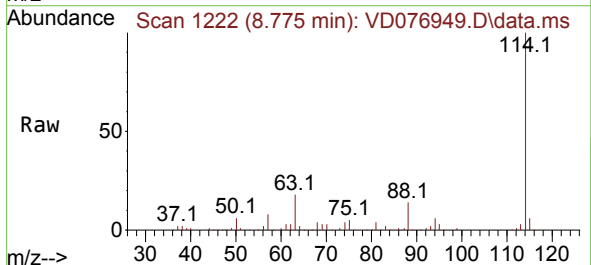
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

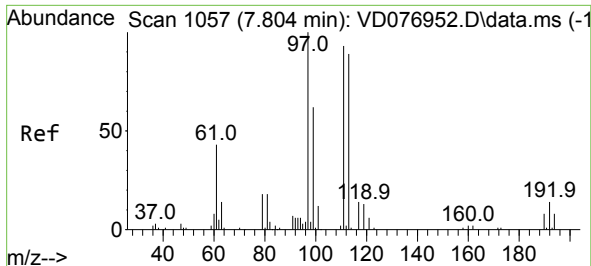
Tgt Ion: 65 Resp: 8036
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 115.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.775 min Scan# 1222
 Delta R.T. 0.000 min
 Lab File: VD076949.D
 Acq: 08 Aug 2023 12:11

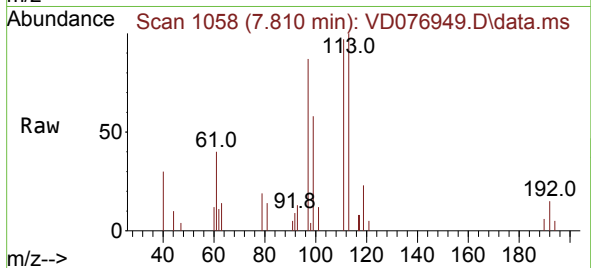
Tgt Ion: 114 Resp: 351401
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 33.4
 88 13.8 0.0 26.2



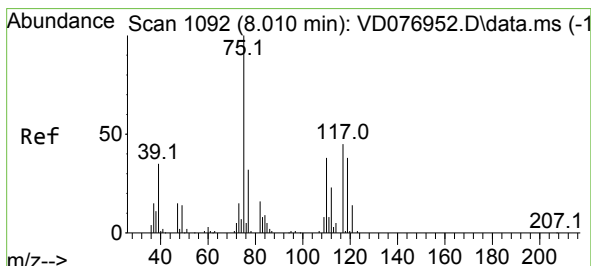
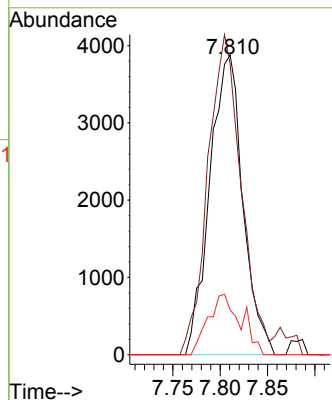
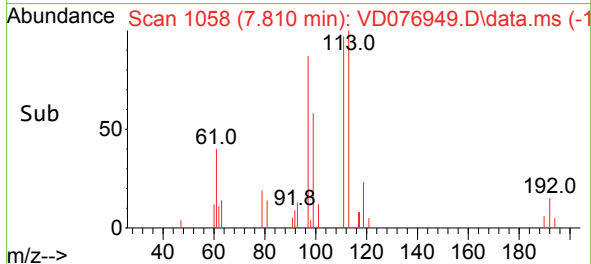


#35
Dibromofluoromethane
Concen: 4.988 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD076949.D
Acq: 08 Aug 2023 12:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

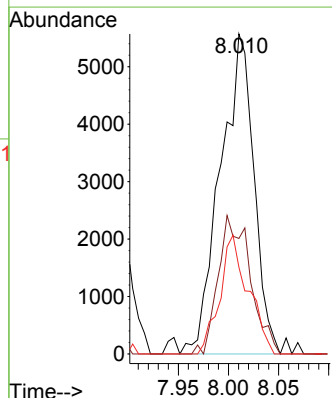
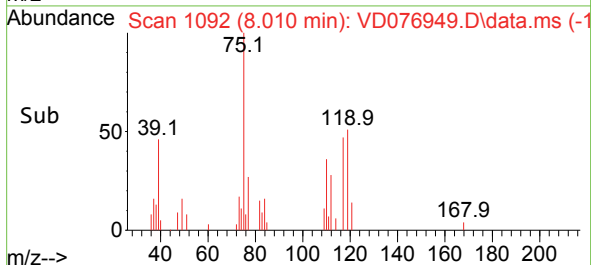
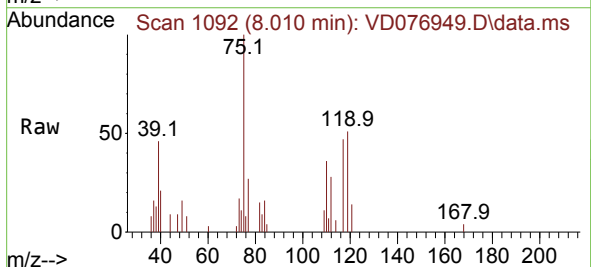


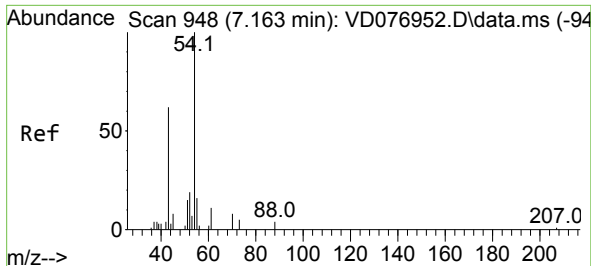
Tgt Ion:113 Resp: 9424
Ion Ratio Lower Upper
113 100
111 106.8 84.7 127.1
192 20.0 16.8 25.2



#36
1,1-Dichloropropene
Concen: 5.550 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD076949.D
Acq: 08 Aug 2023 12:11

Tgt Ion: 75 Resp: 12965
Ion Ratio Lower Upper
75 100
110 41.3 19.9 59.6
77 31.4 24.7 37.1





#37

Ethyl Acetate

Concen: 6.501 ug/l

RT: 7.181 min Scan# 91

Delta R.T. 0.018 min

Lab File: VD076949.D

Acq: 08 Aug 2023 12:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

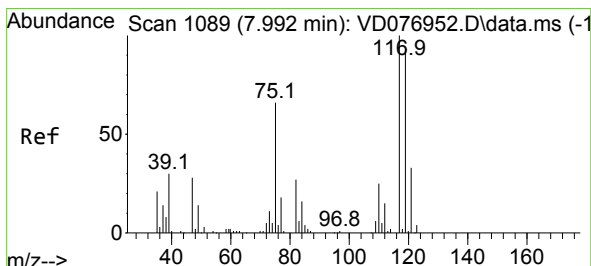
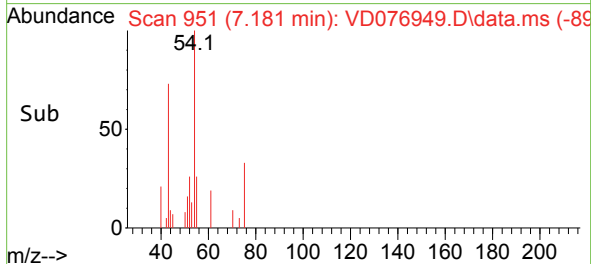
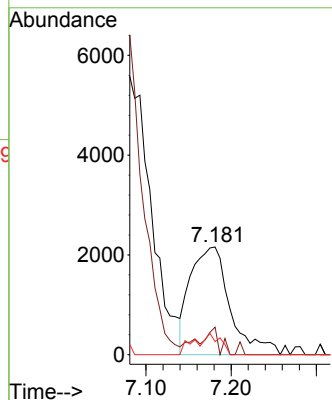
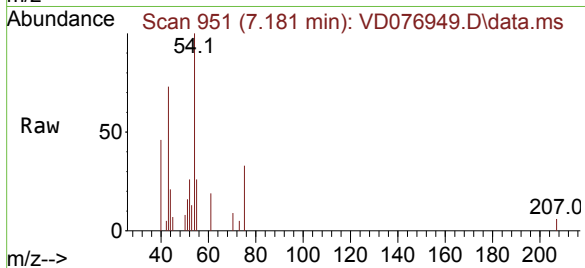
Tgt Ion: 43 Resp: 7008

Ion Ratio Lower Upper

43 100

61 13.4 14.9 22.3#

70 12.6 10.0 15.0



#38

Carbon Tetrachloride

Concen: 5.503 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD076949.D

Acq: 08 Aug 2023 12:11

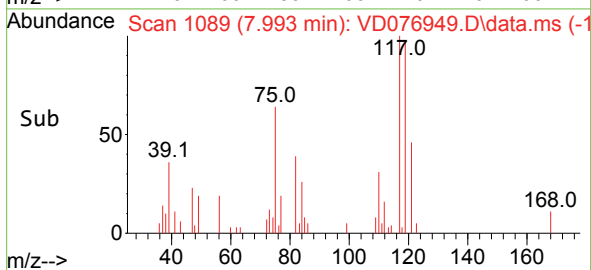
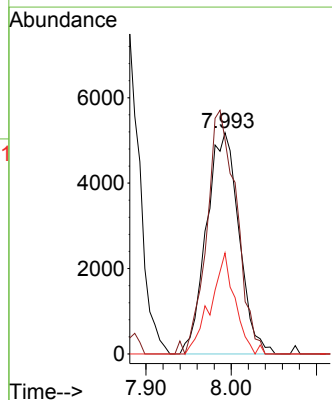
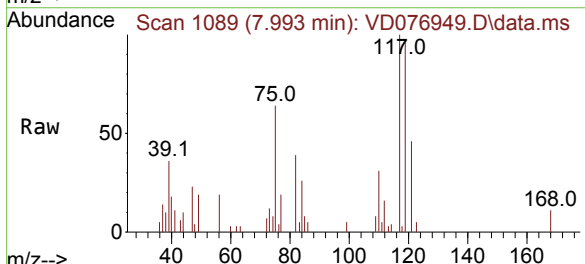
Tgt Ion: 117 Resp: 13759

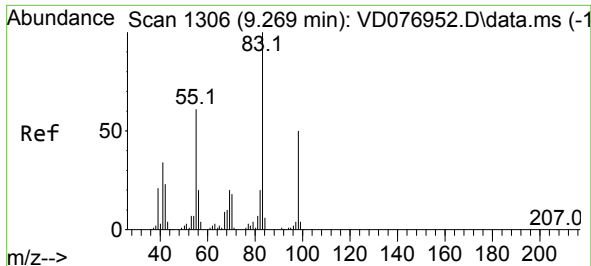
Ion Ratio Lower Upper

117 100

119 96.9 78.0 117.0

121 45.6 24.2 36.2#





#39

Methylcyclohexane

Concen: 5.567 ug/l

RT: 9.281 min Scan# 11308

Delta R.T. 0.012 min

Lab File: VD076949.D

Acq: 08 Aug 2023 12:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

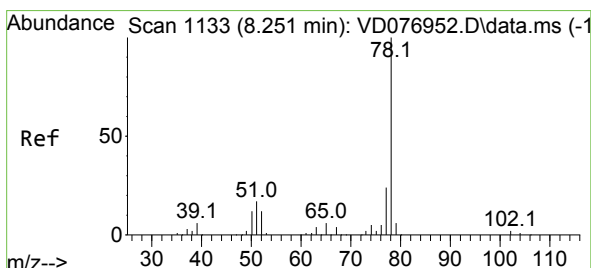
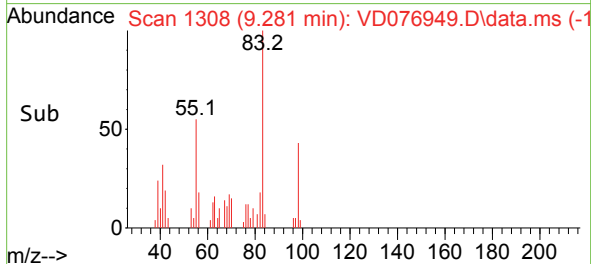
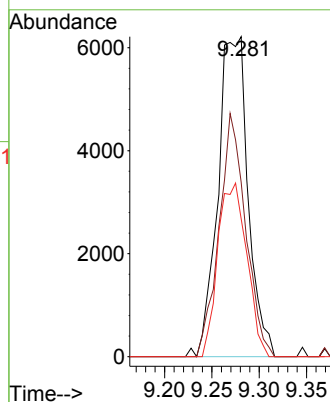
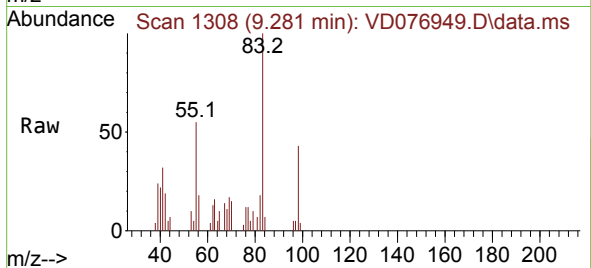
Tgt Ion: 83 Resp: 13778

Ion Ratio Lower Upper

83 100

55 54.5 49.4 74.0

98 43.1 38.4 57.6



#40

Benzene

Concen: 5.619 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD076949.D

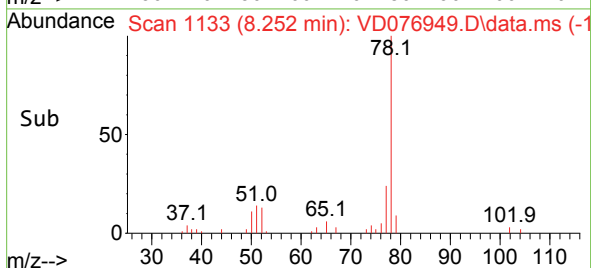
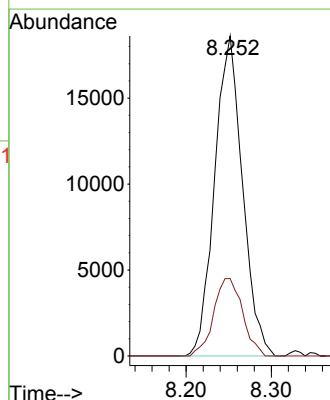
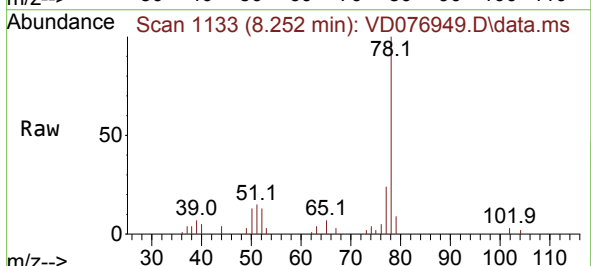
Acq: 08 Aug 2023 12:11

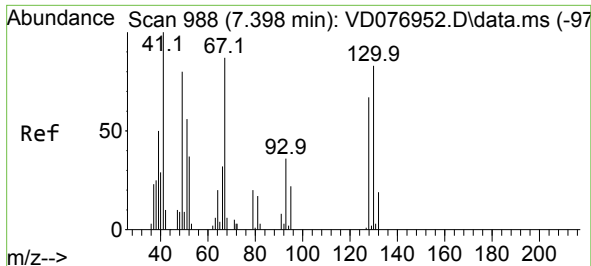
Tgt Ion: 78 Resp: 42211

Ion Ratio Lower Upper

78 100

77 24.2 19.4 29.0

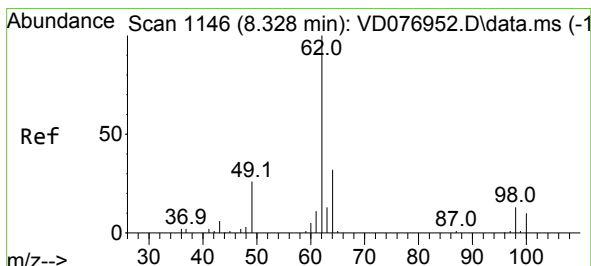
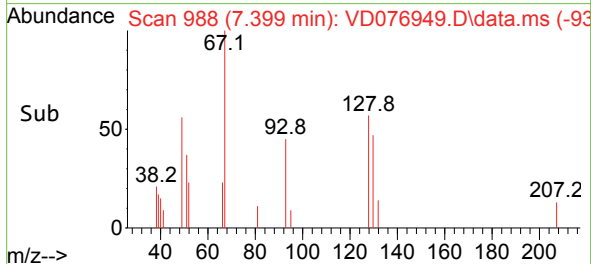
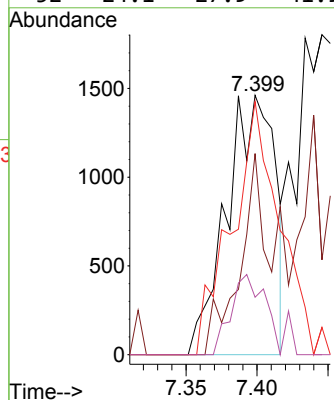
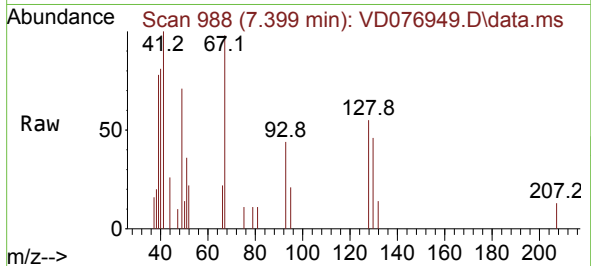




#41
Methacrylonitrile
Concen: 5.979 ug/l
RT: 7.399 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076949.D
Acq: 08 Aug 2023 12:11

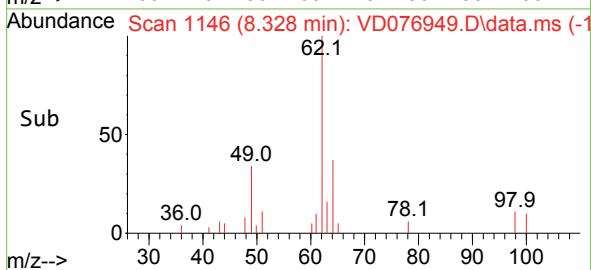
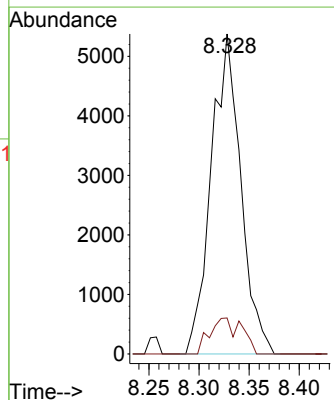
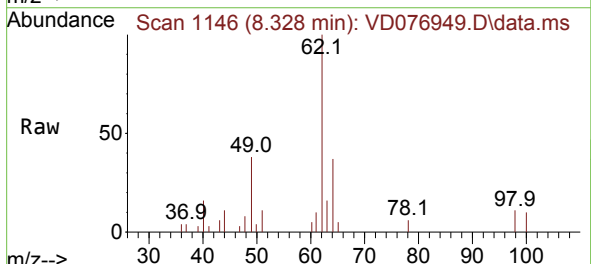
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

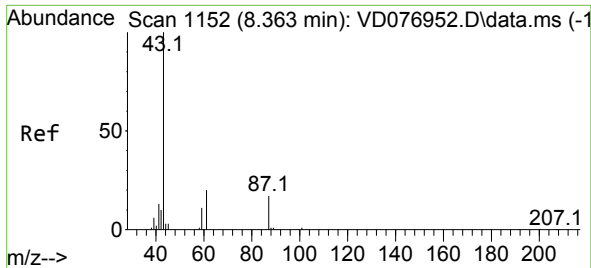
Tgt Ion: 41 Resp: 3478
Ion Ratio Lower Upper
41 100
39 41.1 34.0 51.0
67 97.0 77.0 115.4
52 24.1 27.9 41.9#



#42
1,2-Dichloroethane
Concen: 5.447 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD076949.D
Acq: 08 Aug 2023 12:11

Tgt Ion: 62 Resp: 11030
Ion Ratio Lower Upper
62 100
98 12.1 0.0 25.4

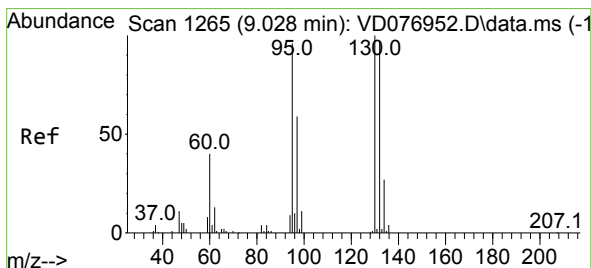
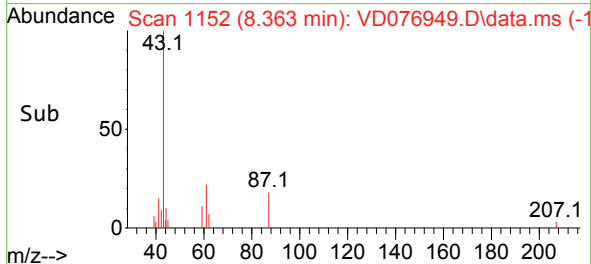
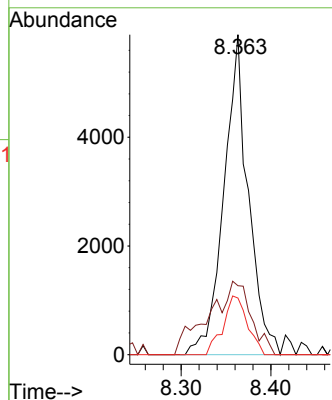
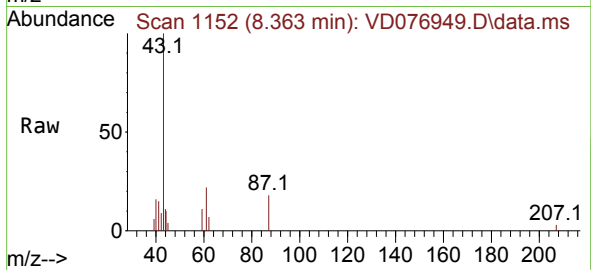




#43
Isopropyl Acetate
Concen: 5.482 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD076949.D
Acq: 08 Aug 2023 12:11

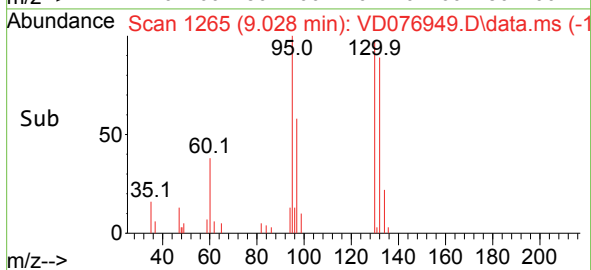
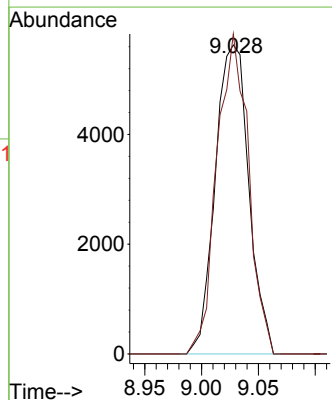
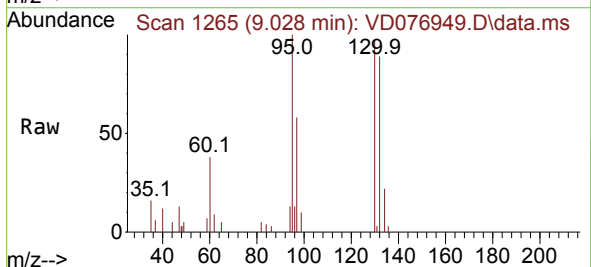
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

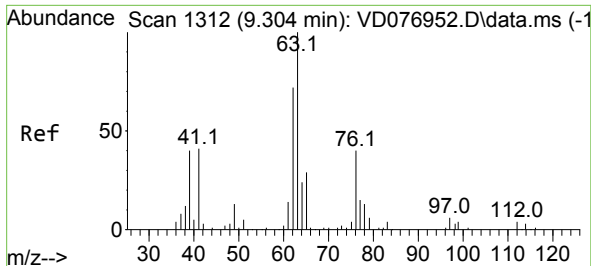
Tgt Ion:	43	Resp:	11105
Ion	Ratio	Lower	Upper
43	100		
61	40.2	31.4	47.0
87	18.2	14.9	22.3



#44
Trichloroethene
Concen: 5.582 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD076949.D
Acq: 08 Aug 2023 12:11

Tgt Ion:	130	Resp:	11576
Ion	Ratio	Lower	Upper
130	100		
95	103.6	0.0	179.2





#45

1,2-Dichloropropane

Concen: 5.638 ug/l

RT: 9.304 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD076949.D

Acq: 08 Aug 2023 12:11

Instrument :

MSVOA_D

ClientSampleId :

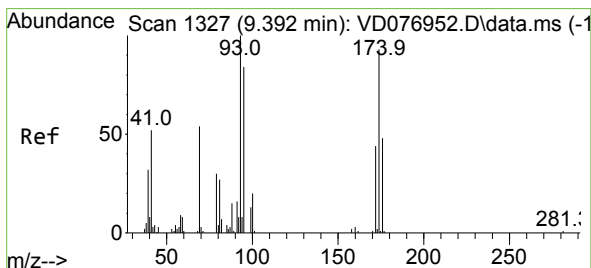
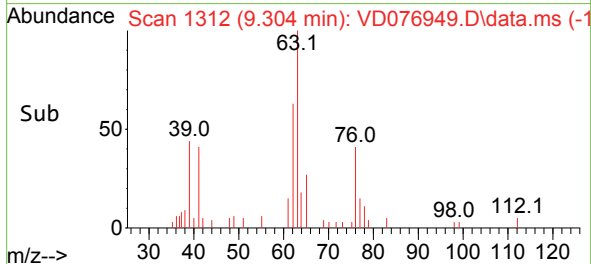
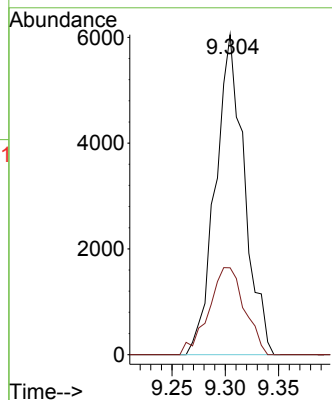
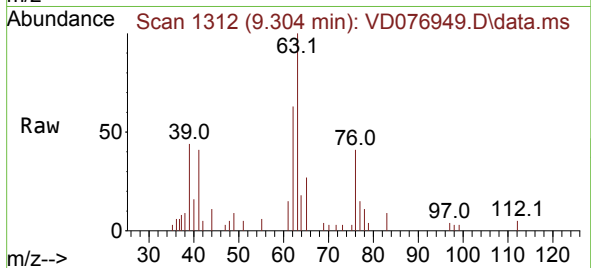
VSTDIC005

Tgt Ion: 63 Resp: 11412

Ion Ratio Lower Upper

63 100

65 27.2 24.5 36.7



#46

Dibromomethane

Concen: 5.995 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD076949.D

Acq: 08 Aug 2023 12:11

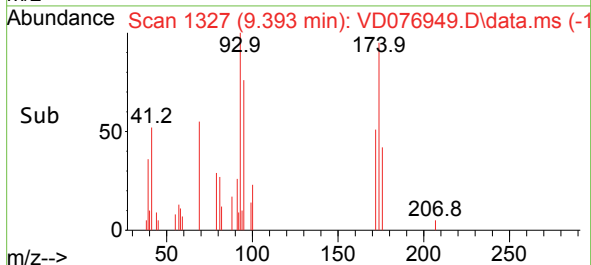
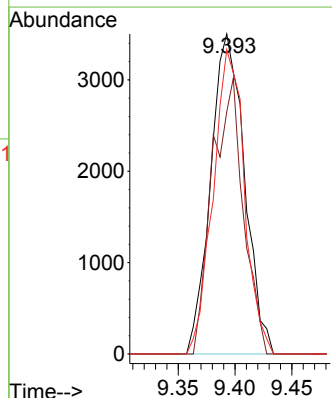
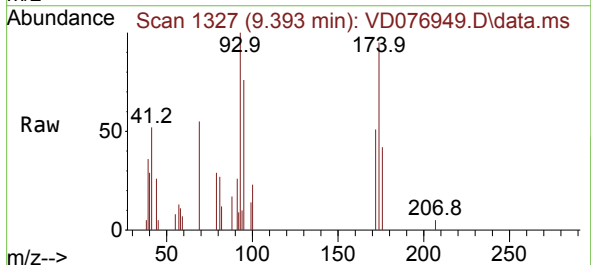
Tgt Ion: 93 Resp: 7252

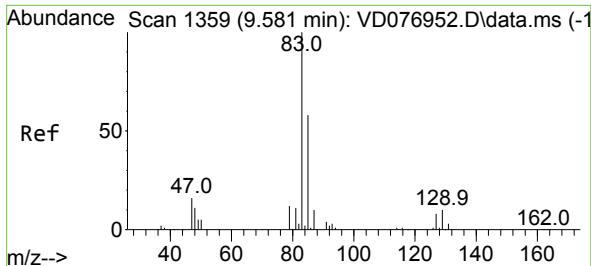
Ion Ratio Lower Upper

93 100

95 79.2 67.7 101.5

174 87.6 85.4 128.2

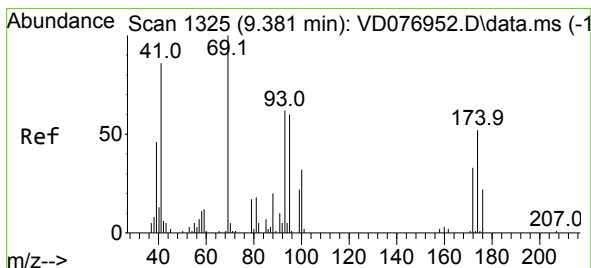
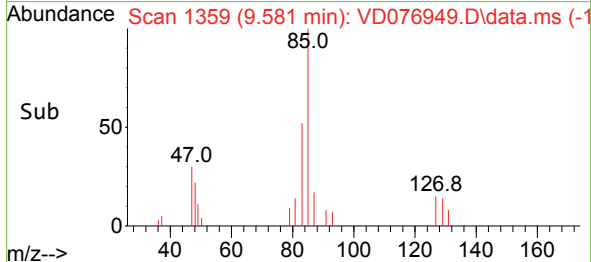
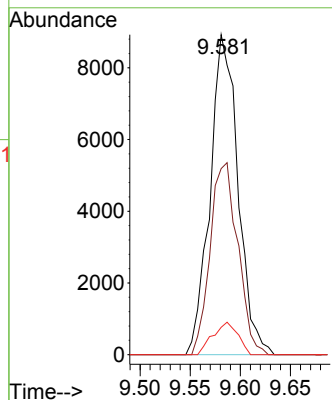
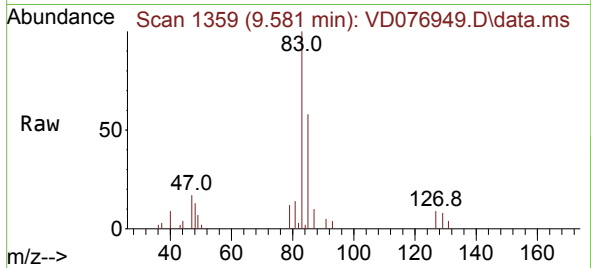




#47
Bromodichloromethane
Concen: 5.575 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VD076949.D
Acq: 08 Aug 2023 12:11

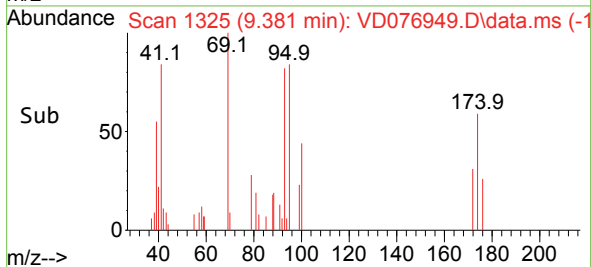
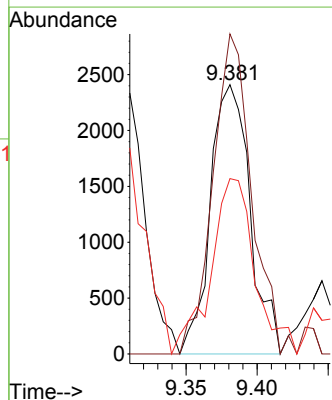
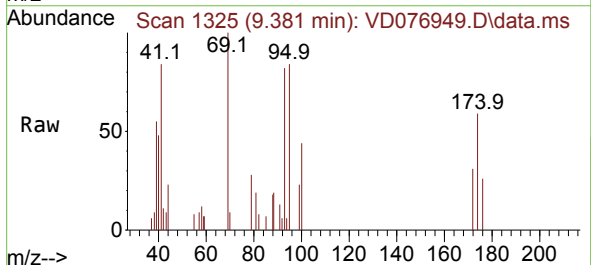
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

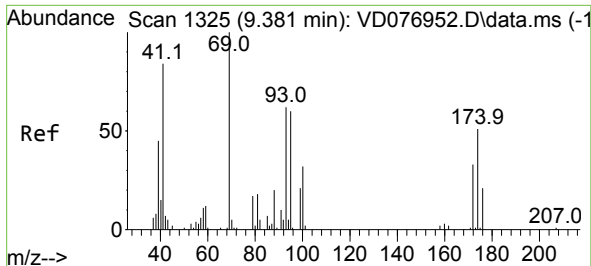
Tgt Ion:	83	Resp:	17298
Ion	Ratio	Lower	Upper
83	100		
85	58.2	50.2	75.4
127	8.5	6.3	9.5



#48
Methyl methacrylate
Concen: 5.248 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD076949.D
Acq: 08 Aug 2023 12:11

Tgt Ion:	41	Resp:	4675
Ion	Ratio	Lower	Upper
41	100		
69	116.3	102.2	153.2
39	71.9	41.4	62.2





#49

1,4-Dioxane

Concen: 133.961 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD076949.D

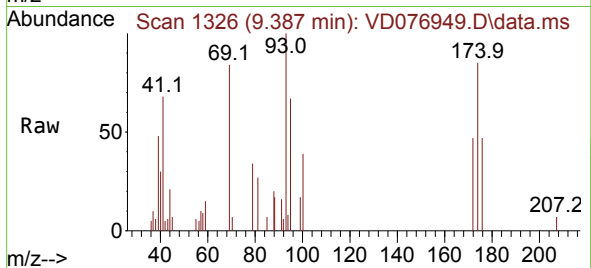
Acq: 08 Aug 2023 12:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005



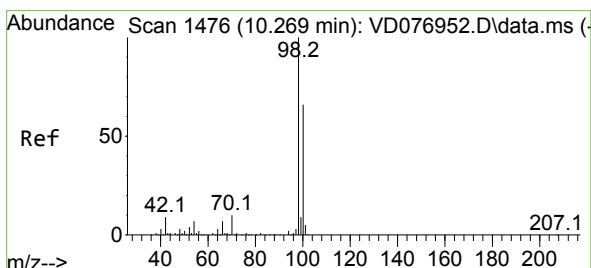
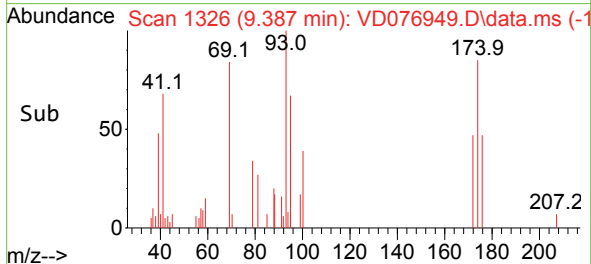
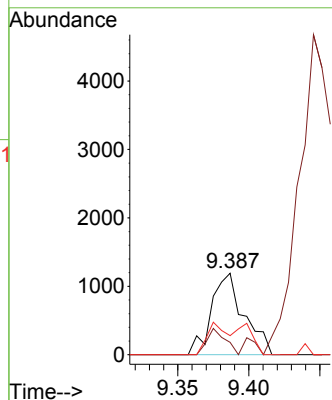
Tgt Ion: 88 Resp: 1894

Ion Ratio Lower Upper

88 100

43 18.2 19.0 28.6#

58 24.6 43.5 65.3#



#50

Toluene-d8

Concen: 4.946 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076949.D

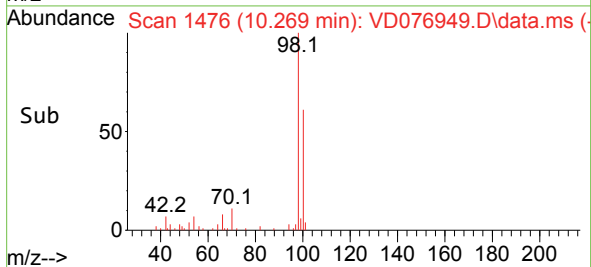
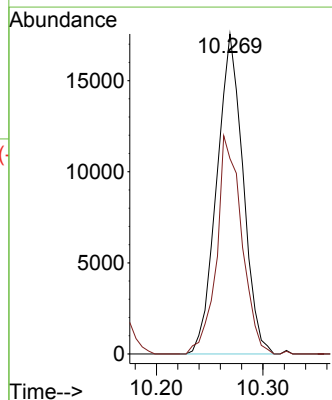
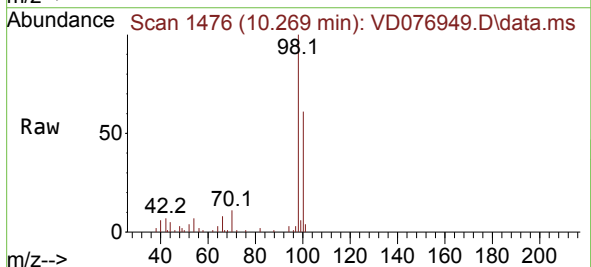
Acq: 08 Aug 2023 12:11

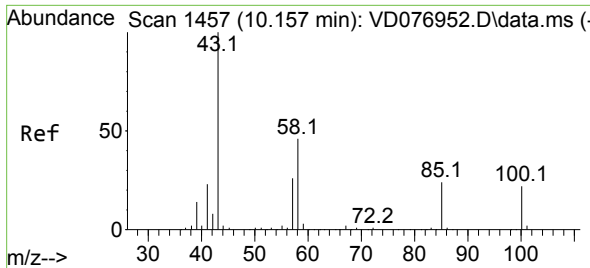
Tgt Ion: 98 Resp: 30009

Ion Ratio Lower Upper

98 100

100 65.0 50.3 75.5

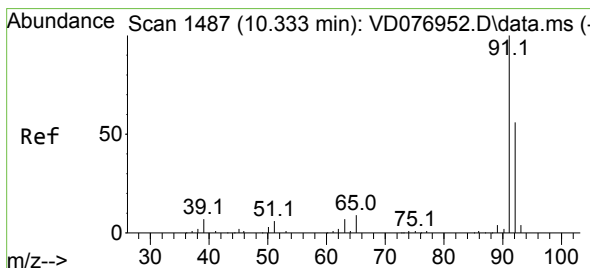
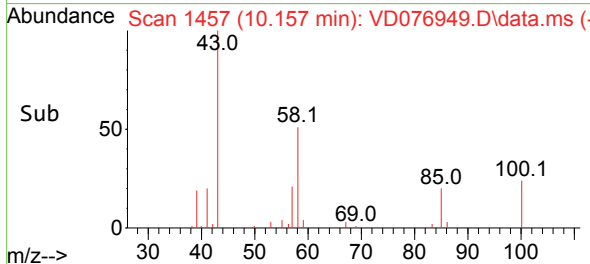
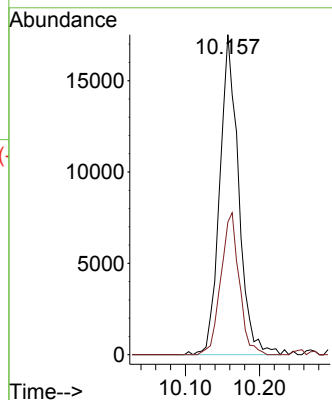
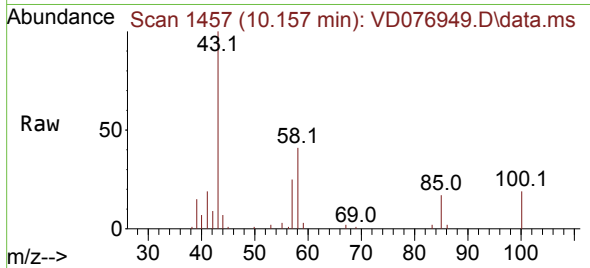




#51
4-Methyl-2-Pentanone
Concen: 27.703 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076949.D
Acq: 08 Aug 2023 12:11

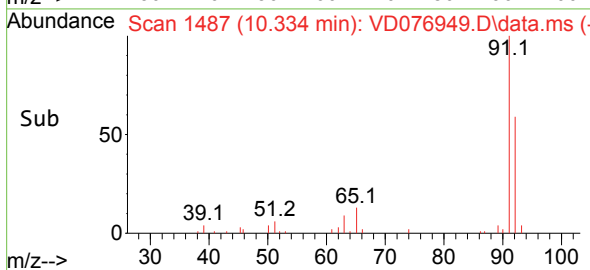
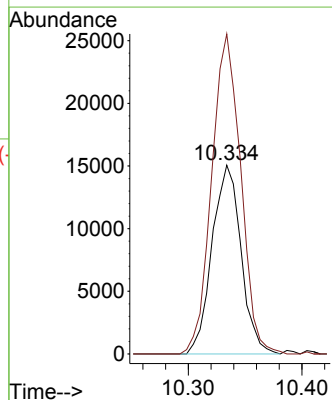
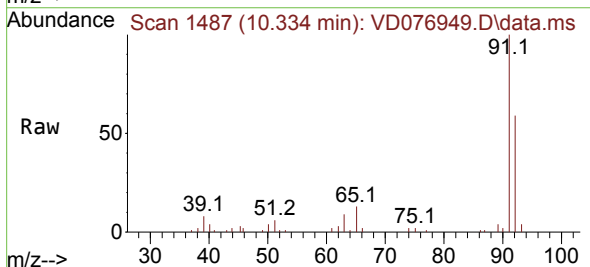
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

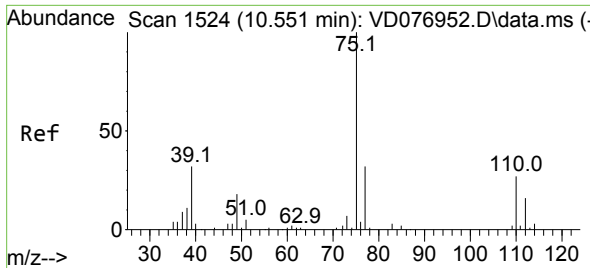
Tgt Ion: 43 Resp: 30976
Ion Ratio Lower Upper
43 100
58 43.2 38.9 58.3



#52
Toluene
Concen: 5.409 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD076949.D
Acq: 08 Aug 2023 12:11

Tgt Ion: 92 Resp: 26684
Ion Ratio Lower Upper
92 100
91 170.0 143.0 214.4

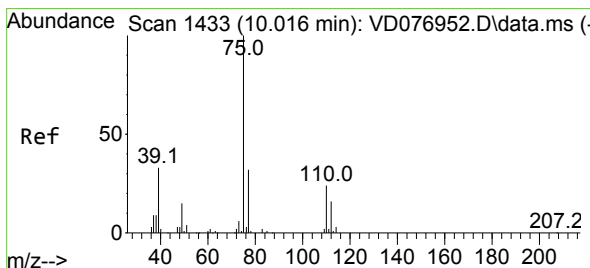
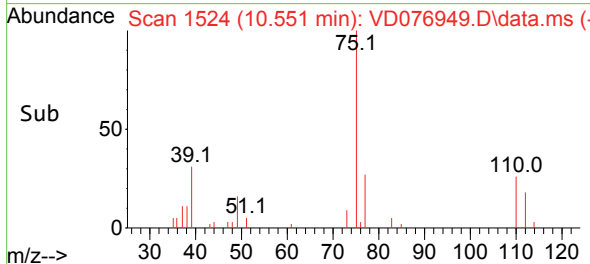
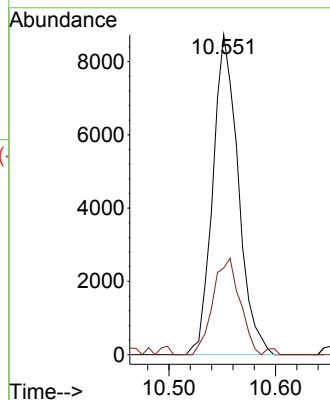
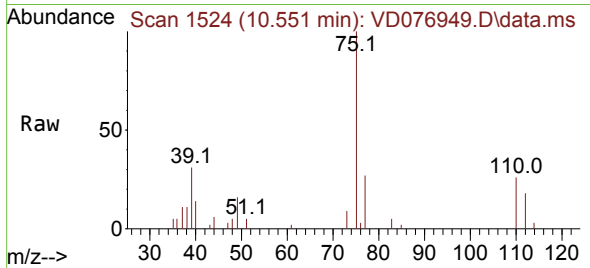




#53
 t-1,3-Dichloropropene
 Concen: 5.344 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VD076949.D
 Acq: 08 Aug 2023 12:11

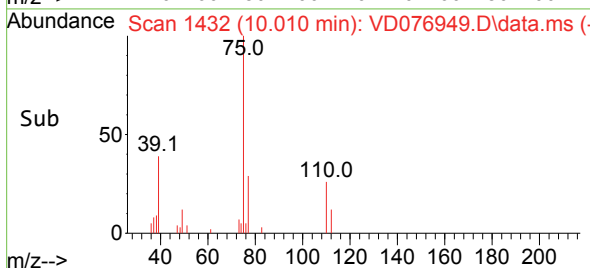
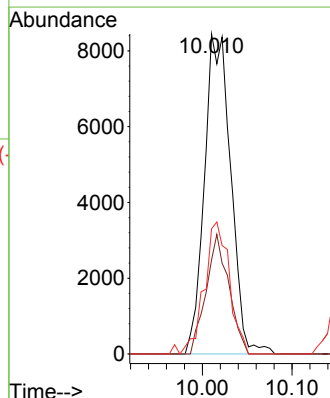
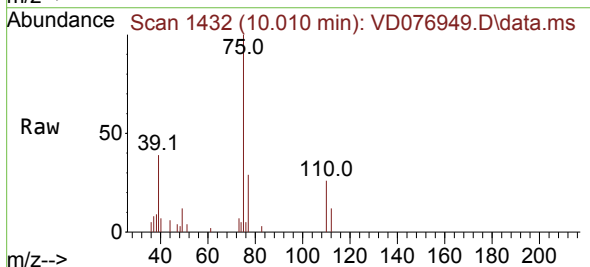
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

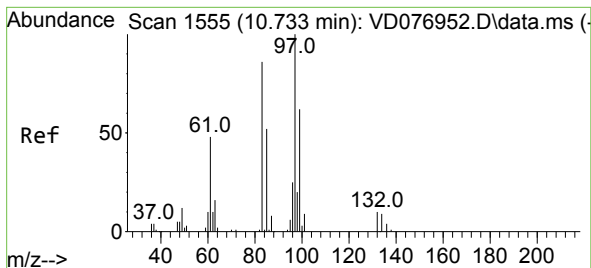
Tgt Ion: 75 Resp: 14467
 Ion Ratio Lower Upper
 75 100
 77 27.1 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 5.484 ug/l
 RT: 10.010 min Scan# 1432
 Delta R.T. -0.006 min
 Lab File: VD076949.D
 Acq: 08 Aug 2023 12:11

Tgt Ion: 75 Resp: 17216
 Ion Ratio Lower Upper
 75 100
 77 29.4 25.5 38.3
 39 39.2 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 5.732 ug/l

RT: 10.728 min Scan# 1554

Delta R.T. -0.006 min

Lab File: VD076949.D

Acq: 08 Aug 2023 12:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

Tgt Ion: 97 Resp: 10290

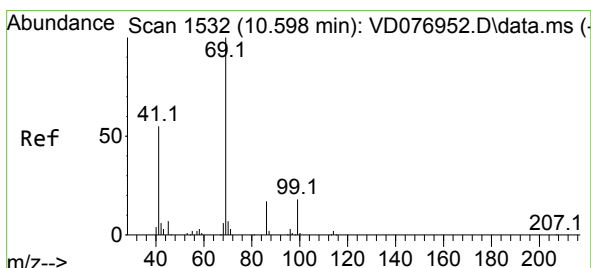
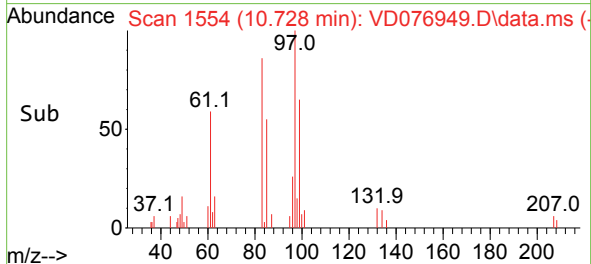
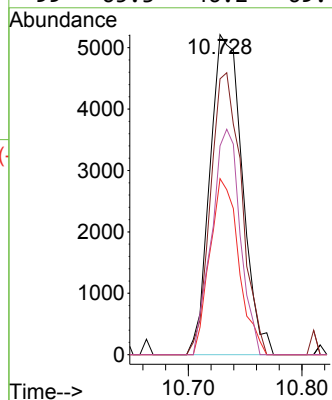
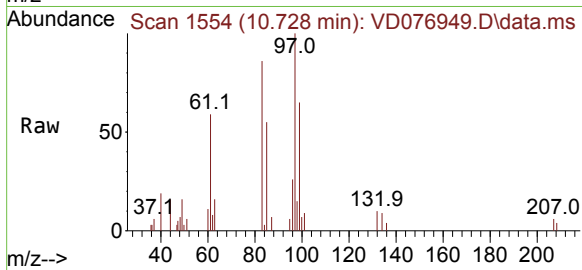
Ion Ratio Lower Upper

97 100

83 86.2 65.8 98.6

85 55.0 45.7 68.5

99 65.3 46.2 69.4



#56

Ethyl methacrylate

Concen: 5.063 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD076949.D

Acq: 08 Aug 2023 12:11

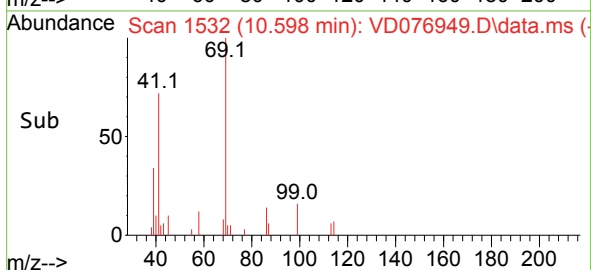
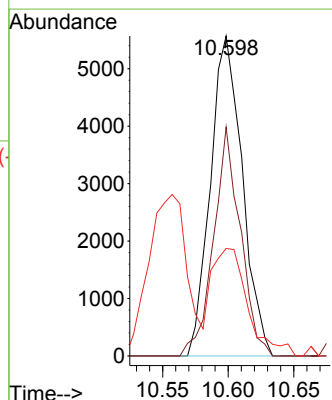
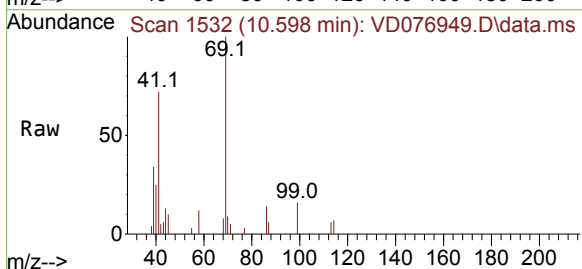
Tgt Ion: 69 Resp: 9421

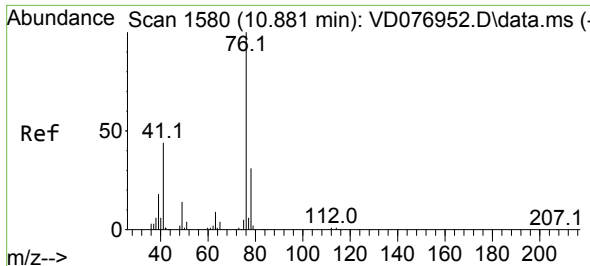
Ion Ratio Lower Upper

69 100

41 60.1 39.1 58.7#

39 38.3 20.0 30.0#





#57

1,3-Dichloropropane

Concen: 5.683 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD076949.D

Acq: 08 Aug 2023 12:11

Instrument :

MSVOA_D

ClientSampleId :

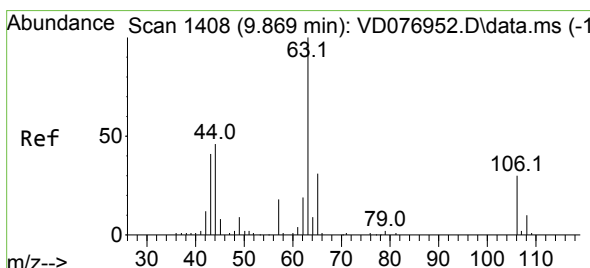
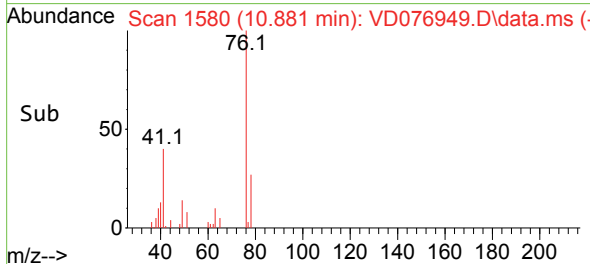
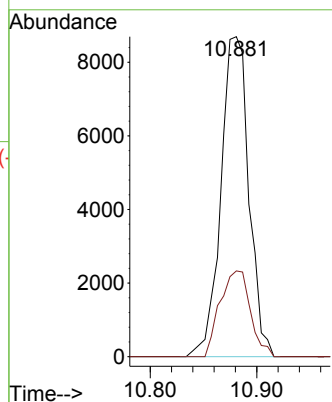
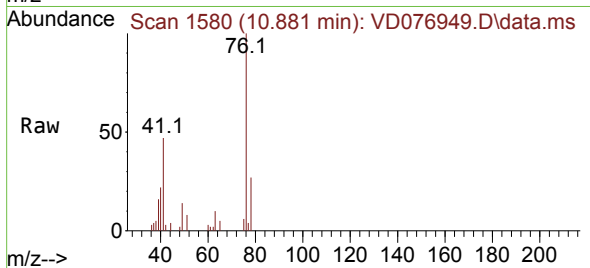
VSTDIC005

Tgt Ion: 76 Resp: 15849

Ion Ratio Lower Upper

76 100

78 29.1 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 27.387 ug/l

RT: 9.875 min Scan# 1409

Delta R.T. 0.006 min

Lab File: VD076949.D

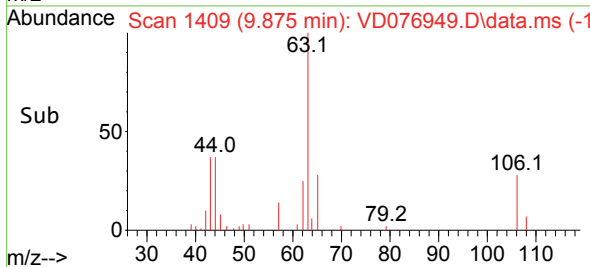
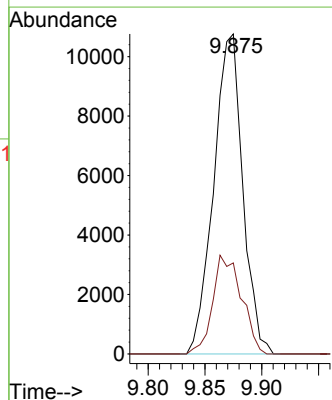
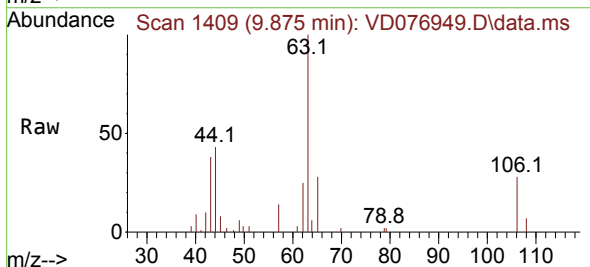
Acq: 08 Aug 2023 12:11

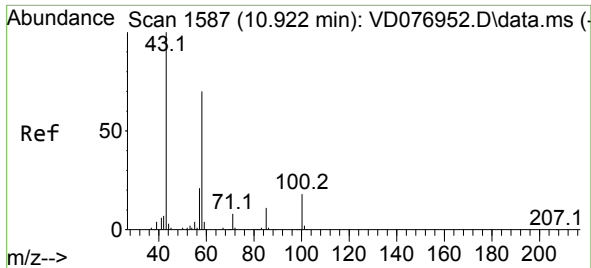
Tgt Ion: 63 Resp: 19155

Ion Ratio Lower Upper

63 100

106 30.6 25.3 37.9

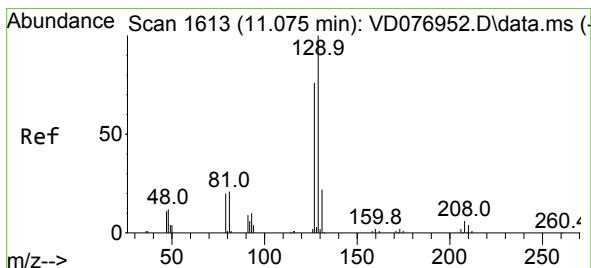
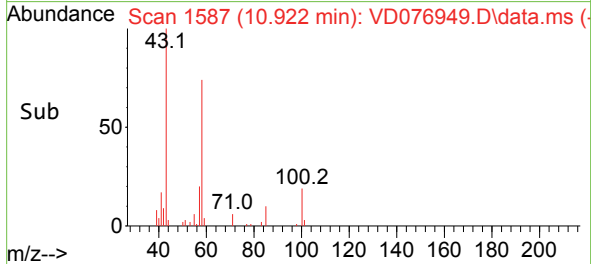
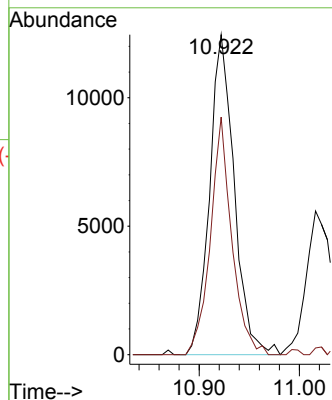
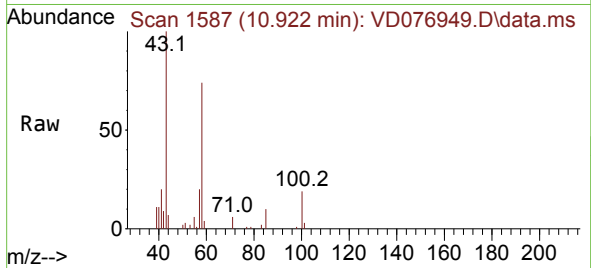




#59
2-Hexanone
Concen: 27.881 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD076949.D
Acq: 08 Aug 2023 12:11

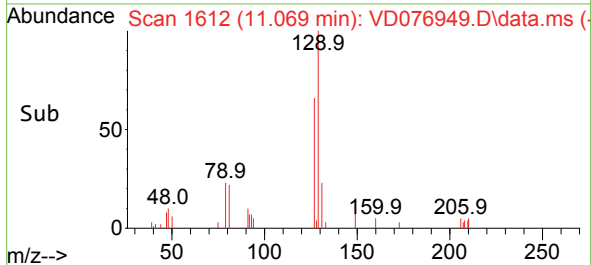
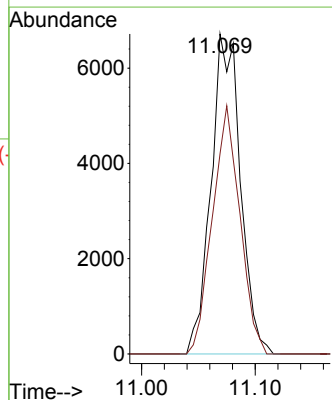
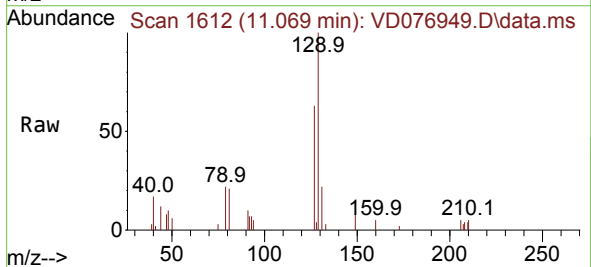
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

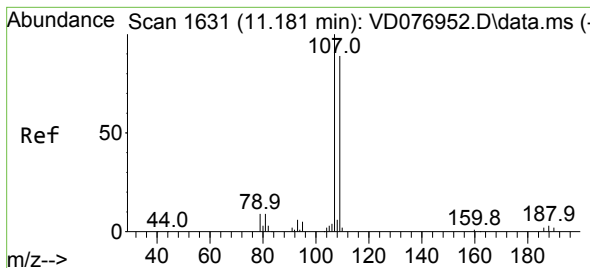
Tgt Ion: 43 Resp: 21221
Ion Ratio Lower Upper
43 100
58 64.6 34.1 102.2



#60
Dibromochloromethane
Concen: 5.571 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD076949.D
Acq: 08 Aug 2023 12:11

Tgt Ion: 129 Resp: 12060
Ion Ratio Lower Upper
129 100
127 72.8 37.1 111.5

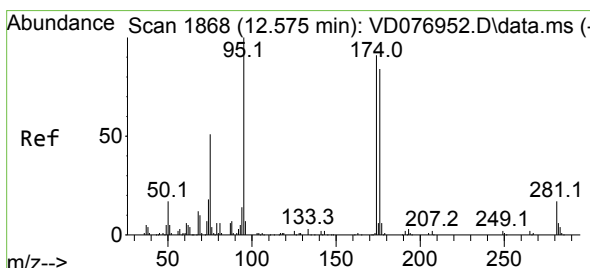
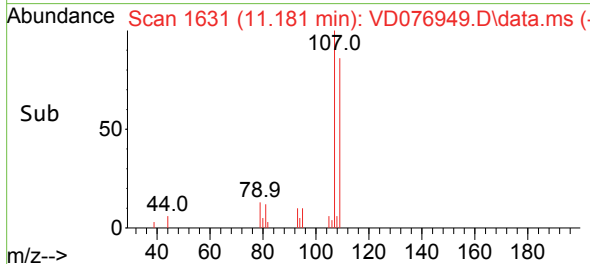
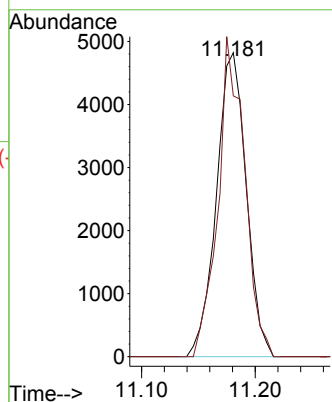
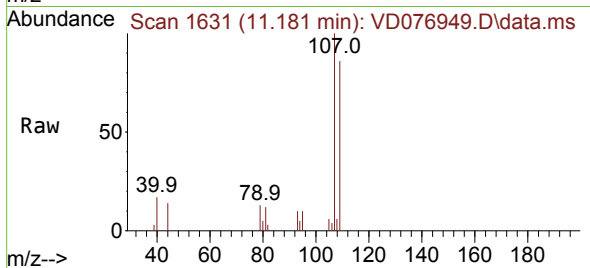




#61
1,2-Dibromoethane
Concen: 5.508 ug/l
RT: 11.181 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076949.D
Acq: 08 Aug 2023 12:11

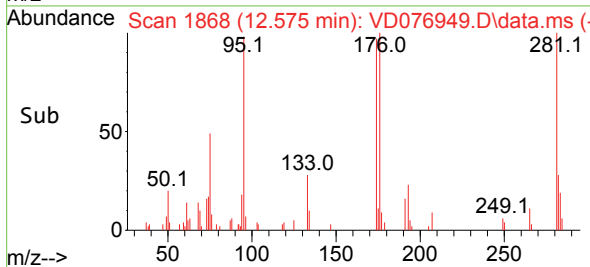
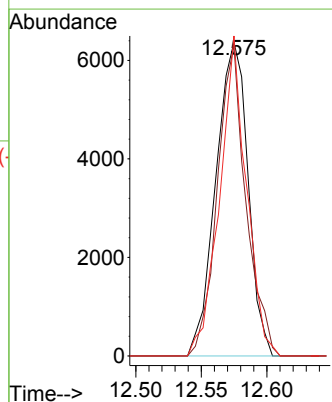
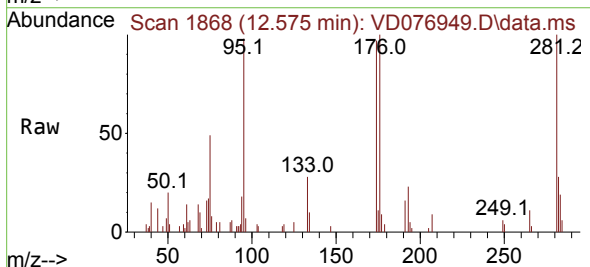
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

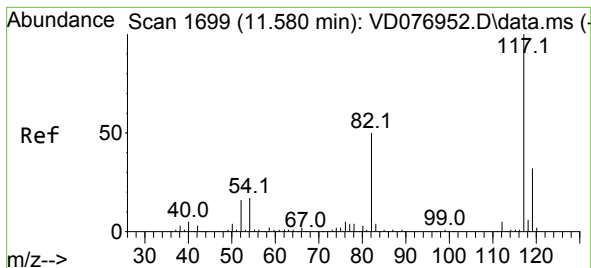
Tgt Ion:107 Resp: 8793
Ion Ratio Lower Upper
107 100
109 94.1 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 5.102 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076949.D
Acq: 08 Aug 2023 12:11

Tgt Ion: 95 Resp: 10822
Ion Ratio Lower Upper
95 100
174 88.2 0.0 201.8
176 85.2 0.0 191.8

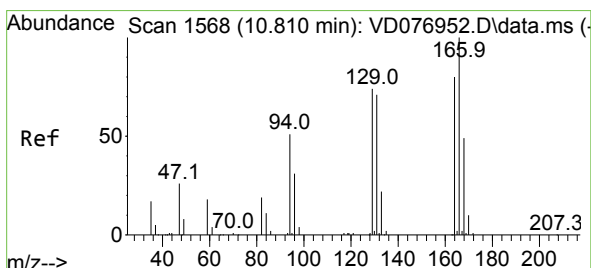
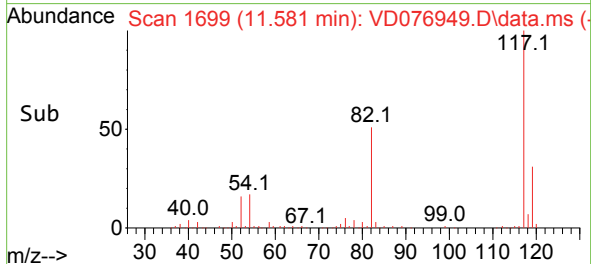
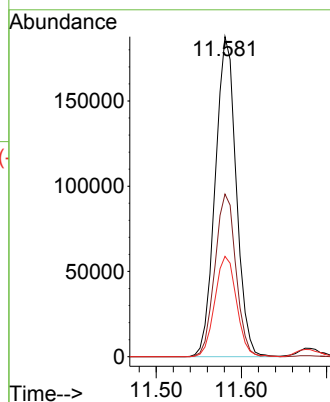
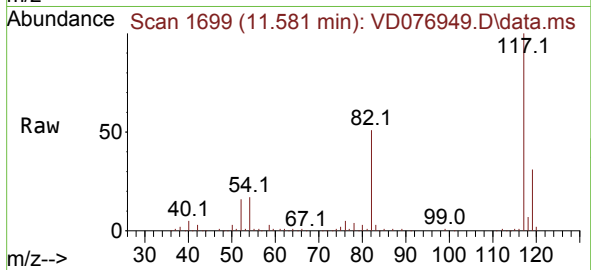




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD076949.D
Acq: 08 Aug 2023 12:11

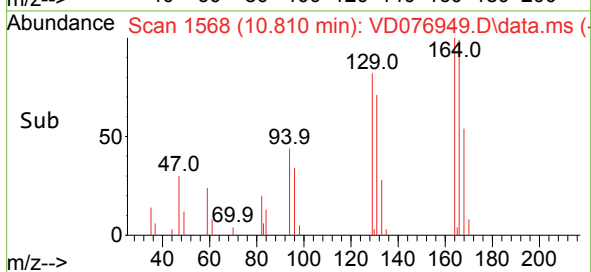
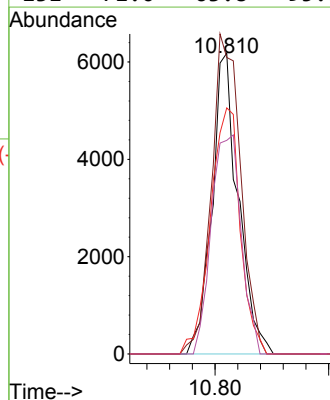
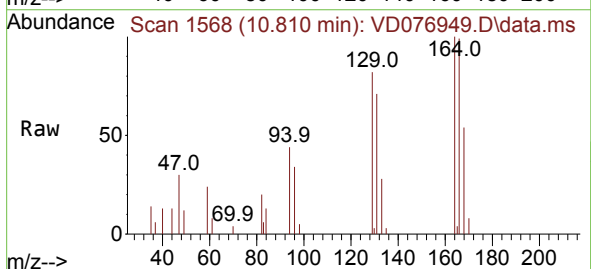
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

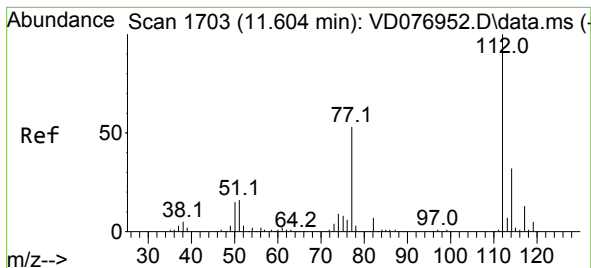
Tgt Ion:117 Resp: 320892
Ion Ratio Lower Upper
117 100
82 50.8 38.3 57.5
119 31.4 25.0 37.4



#64
Tetrachloroethene
Concen: 6.139 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076949.D
Acq: 08 Aug 2023 12:11

Tgt Ion:164 Resp: 9916
Ion Ratio Lower Upper
164 100
166 98.6 99.2 148.8#
129 81.8 68.4 102.6
131 71.0 63.8 95.8





#65

Chlorobenzene

Concen: 5.739 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VD076949.D

Acq: 08 Aug 2023 12:11

Instrument :

MSVOA_D

ClientSampleId :

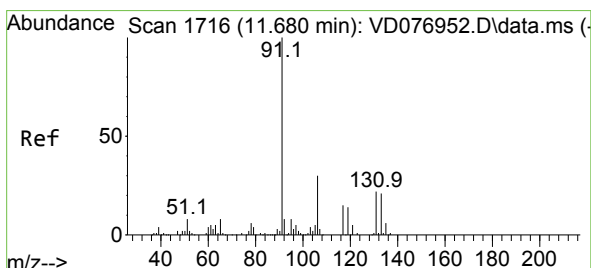
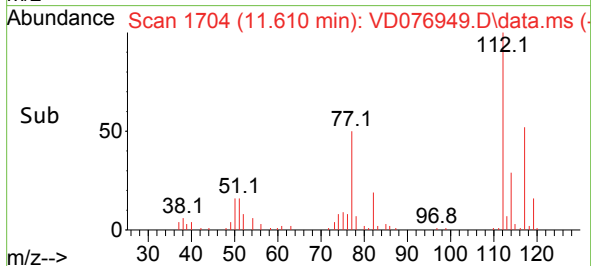
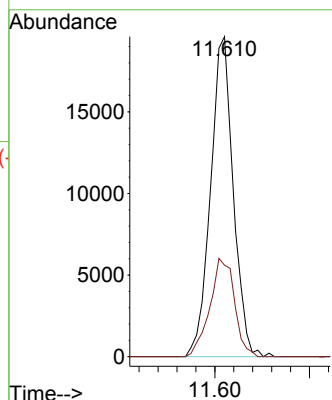
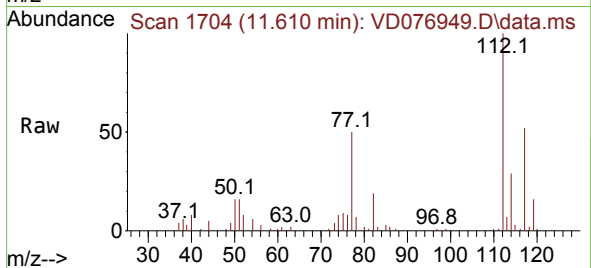
VSTDIC005

Tgt Ion:112 Resp: 32580

Ion Ratio Lower Upper

112 100

114 28.6 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 5.768 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD076949.D

Acq: 08 Aug 2023 12:11

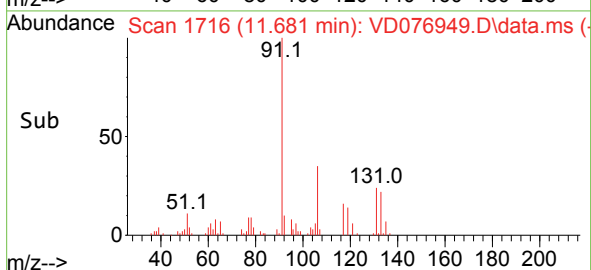
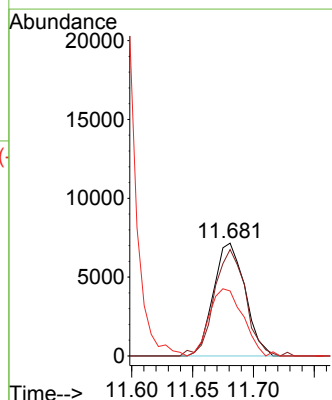
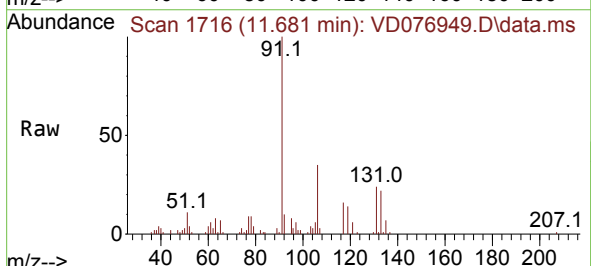
Tgt Ion:131 Resp: 12922

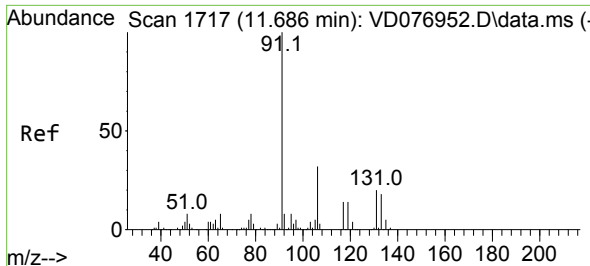
Ion Ratio Lower Upper

131 100

133 93.0 48.5 145.5

119 64.0 35.6 106.9

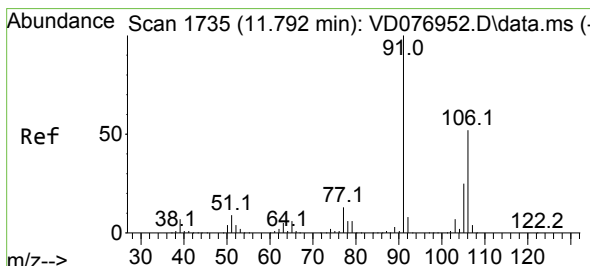
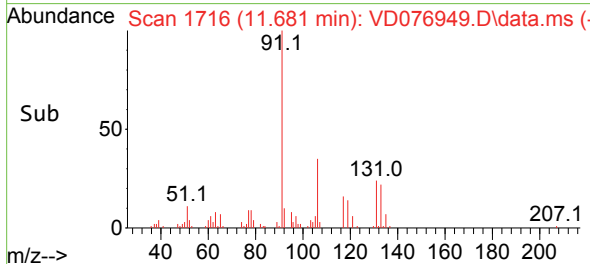
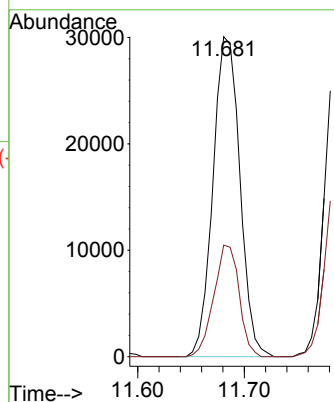
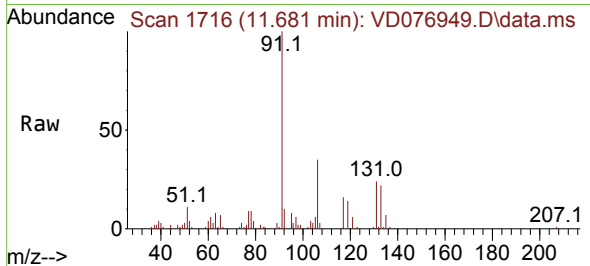




#67
Ethyl Benzene
Concen: 5.502 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD076949.D
Acq: 08 Aug 2023 12:11

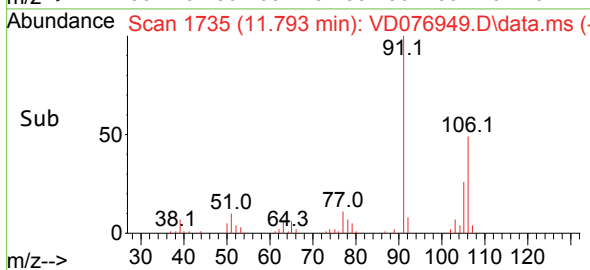
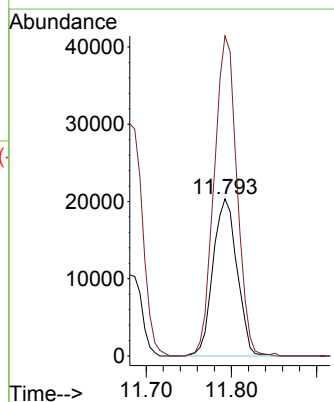
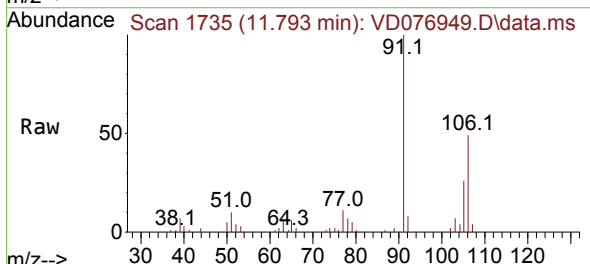
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

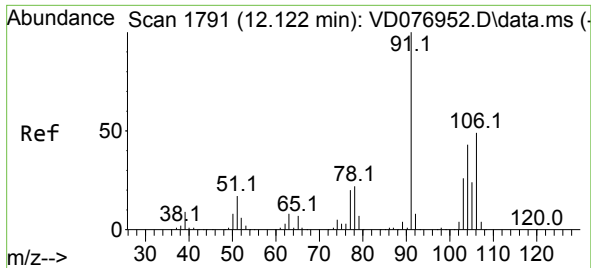
Tgt Ion: 91 Resp: 52701
Ion Ratio Lower Upper
91 100
106 34.9 26.5 39.7



#68
m/p-Xylenes
Concen: 10.718 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD076949.D
Acq: 08 Aug 2023 12:11

Tgt Ion: 106 Resp: 39869
Ion Ratio Lower Upper
106 100
91 193.5 147.0 220.6

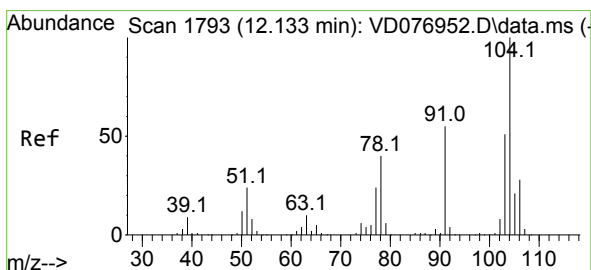
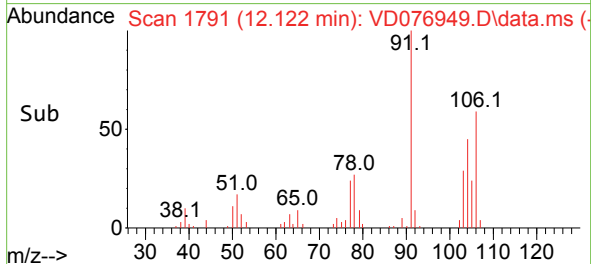
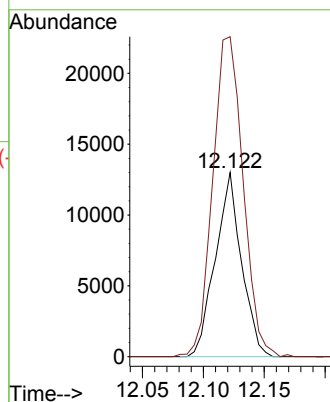
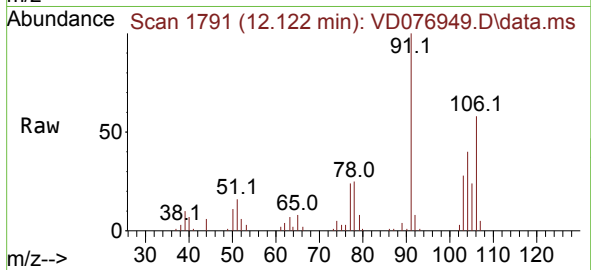




#69
o-Xylene
Concen: 5.434 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD076949.D
Acq: 08 Aug 2023 12:11

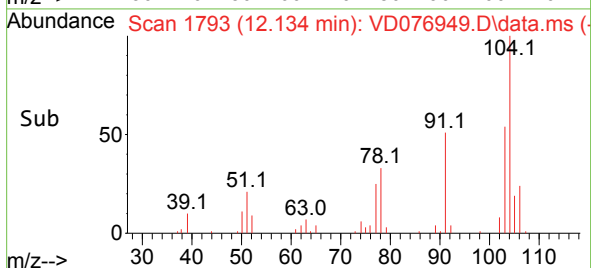
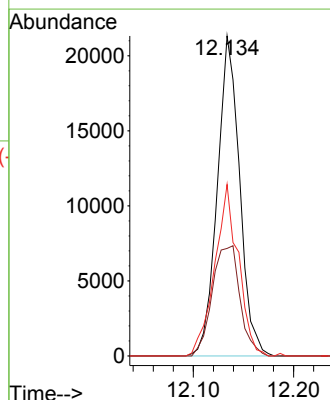
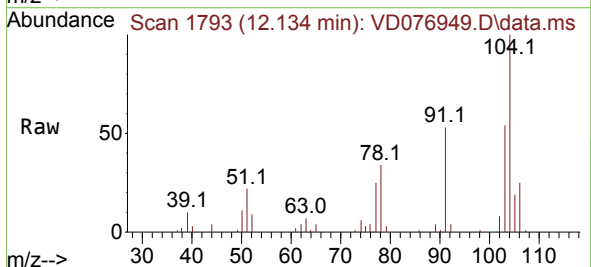
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

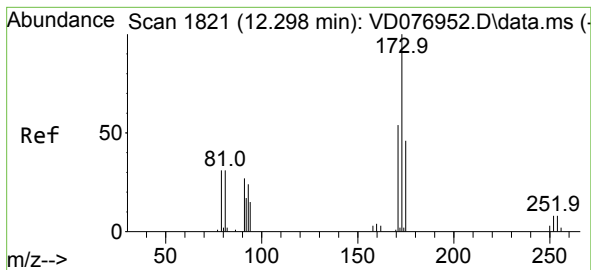
Tgt Ion:106 Resp: 19386
Ion Ratio Lower Upper
106 100
91 201.5 97.9 293.6



#70
Styrene
Concen: 5.189 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD076949.D
Acq: 08 Aug 2023 12:11

Tgt Ion:104 Resp: 32998
Ion Ratio Lower Upper
104 100
78 42.9 33.2 49.8
103 56.7 43.6 65.4





#71

Bromoform

Concen: 5.876 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD076949.D

Acq: 08 Aug 2023 12:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

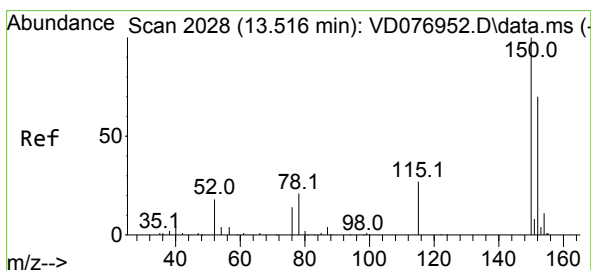
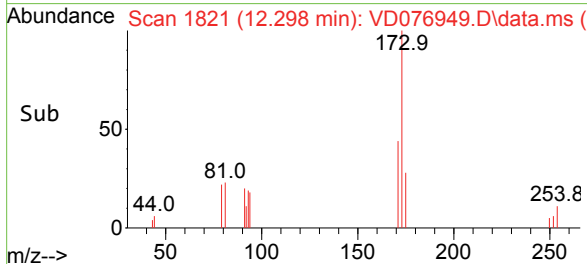
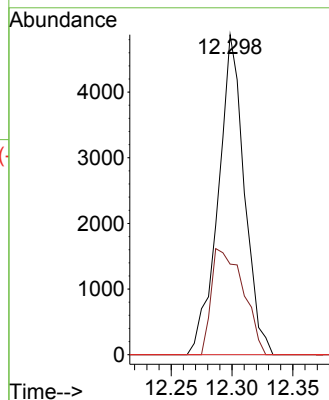
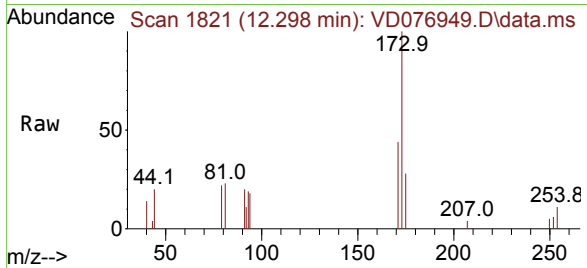
Tgt Ion:173 Resp: 7298

Ion Ratio Lower Upper

173 100

175 40.2 24.6 73.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. 0.000 min

Lab File: VD076949.D

Acq: 08 Aug 2023 12:11

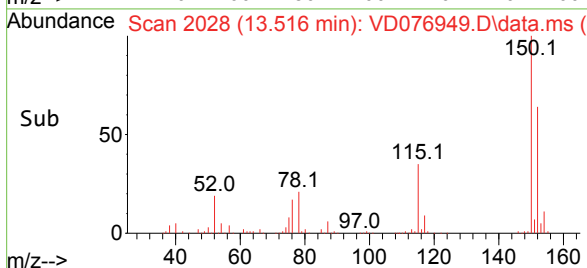
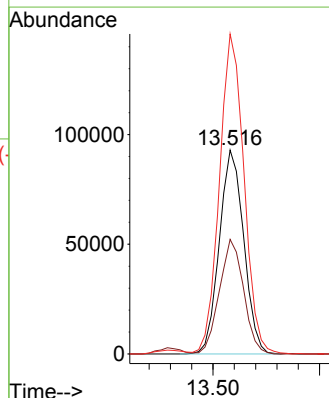
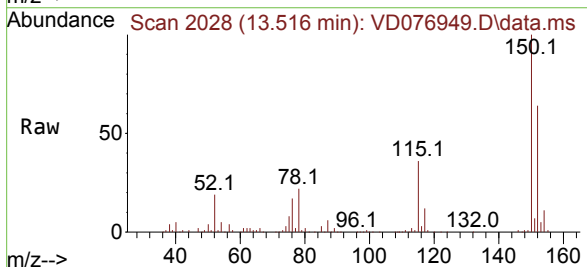
Tgt Ion:152 Resp: 147747

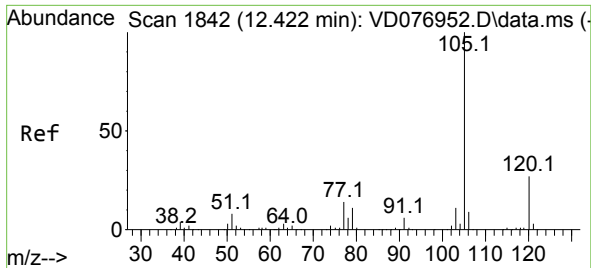
Ion Ratio Lower Upper

152 100

115 55.7 27.1 81.3

150 157.9 0.0 353.6

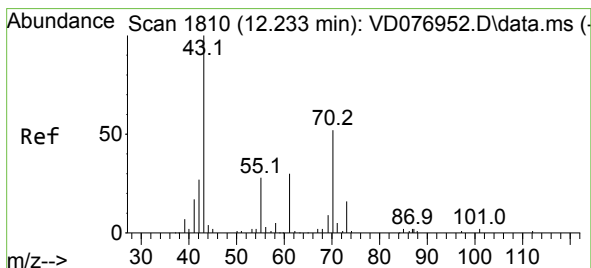
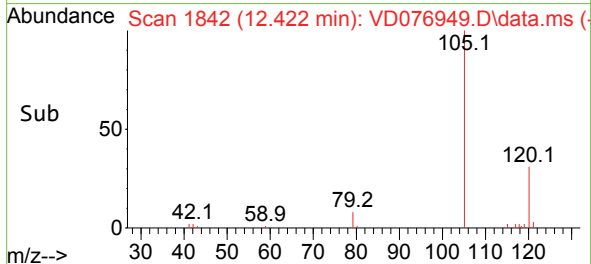
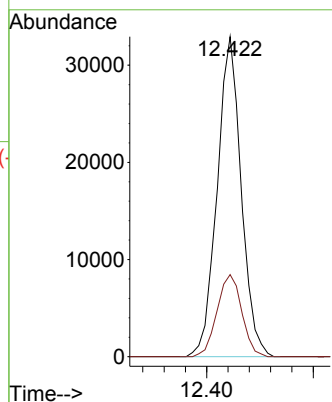
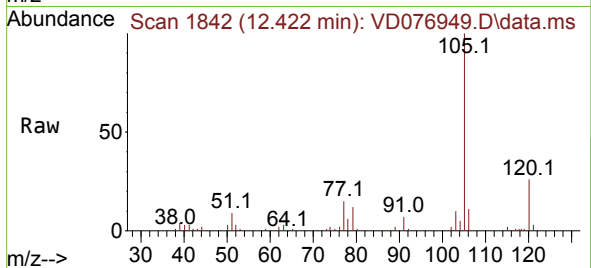




#73
Isopropylbenzene
Concen: 5.542 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD076949.D
Acq: 08 Aug 2023 12:11

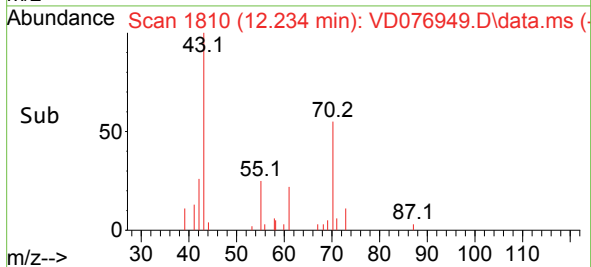
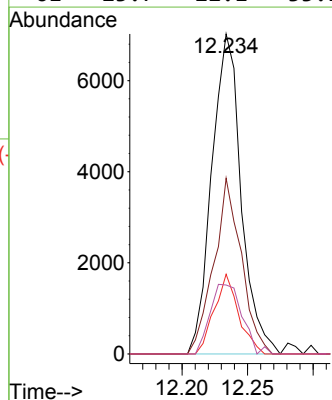
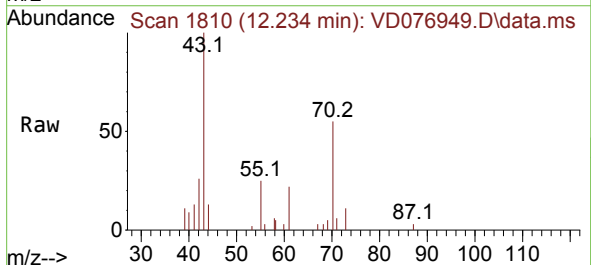
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

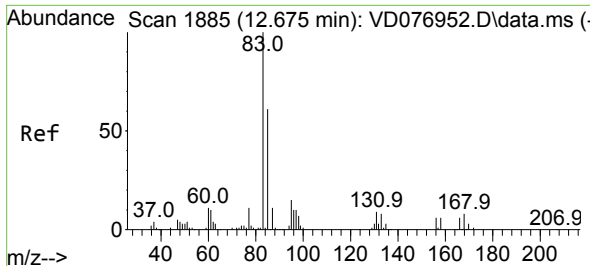
Tgt Ion:105 Resp: 51526
Ion Ratio Lower Upper
105 100
120 26.3 14.3 42.9



#74
N-ethyl acetate
Concen: 5.901 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD076949.D
Acq: 08 Aug 2023 12:11

Tgt Ion: 43 Resp: 10931
Ion Ratio Lower Upper
43 100
70 51.4 45.0 67.4
55 20.7 23.8 35.6#
61 23.7 22.1 33.1

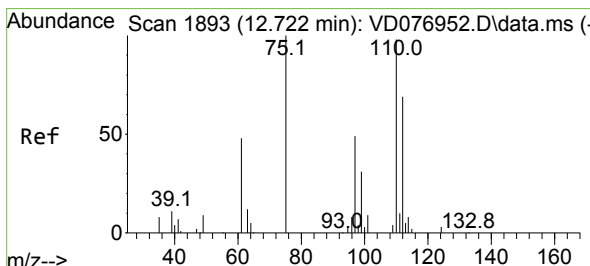
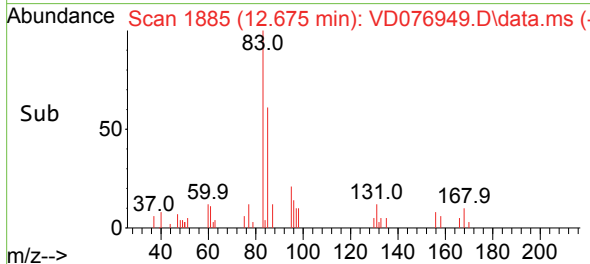
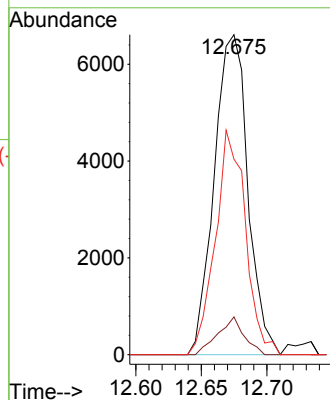
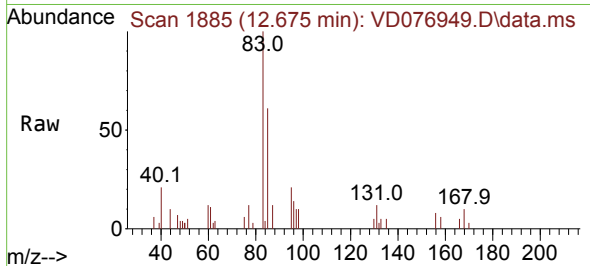




#75
1,1,2,2-Tetrachloroethane
Concen: 5.762 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD076949.D
Acq: 08 Aug 2023 12:11

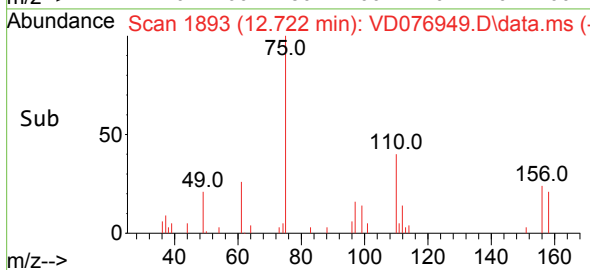
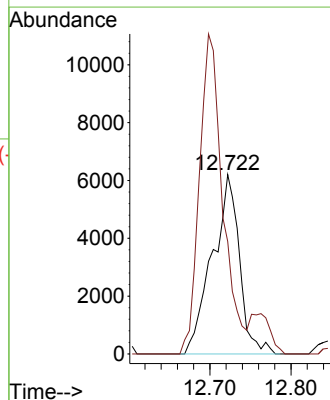
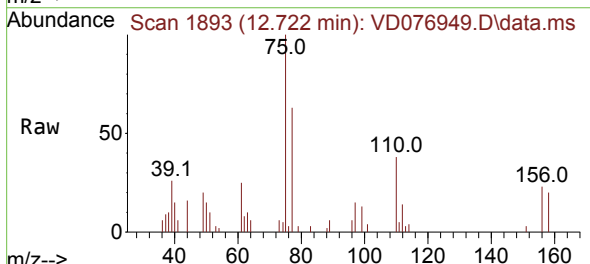
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

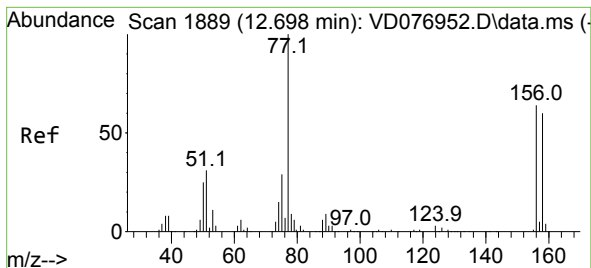
Tgt Ion: 83 Resp: 11805
Ion Ratio Lower Upper
83 100
131 9.3 5.1 15.3
85 62.6 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 10.397 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD076949.D
Acq: 08 Aug 2023 12:11

Tgt Ion: 75 Resp: 14411
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 6.092 ug/l

RT: 12.704 min Scan# 1889

Delta R.T. 0.006 min

Lab File: VD076949.D

Acq: 08 Aug 2023 12:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

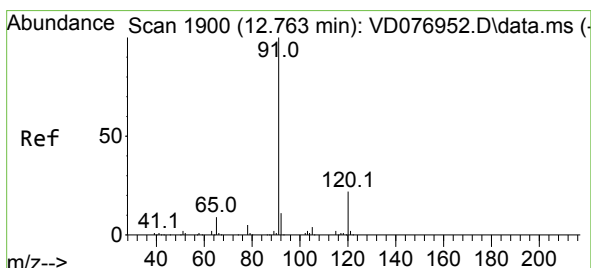
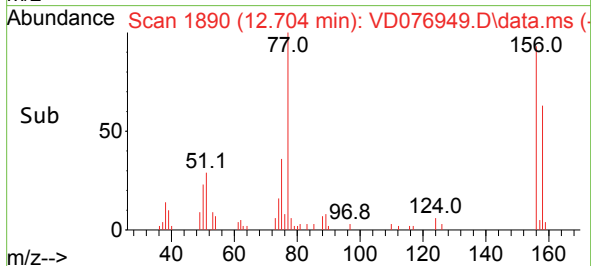
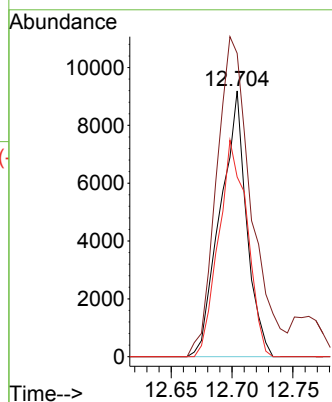
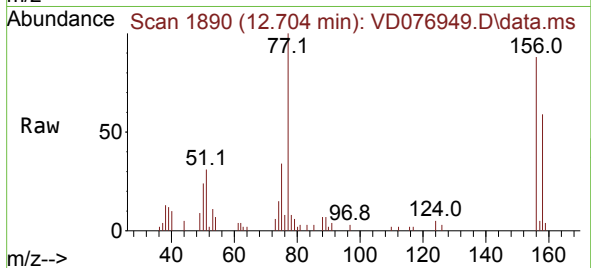
Tgt Ion:156 Resp: 13783

Ion Ratio Lower Upper

156 100

77 159.8 76.8 230.4

158 88.6 48.6 145.9



#78

n-propylbenzene

Concen: 5.532 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD076949.D

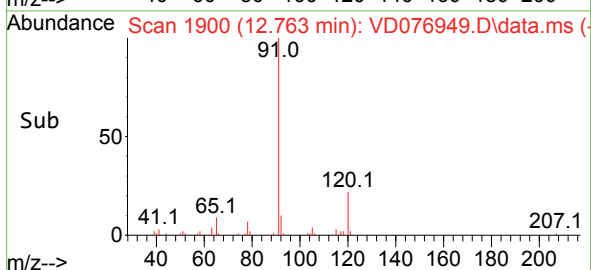
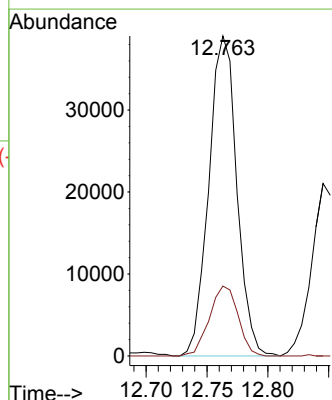
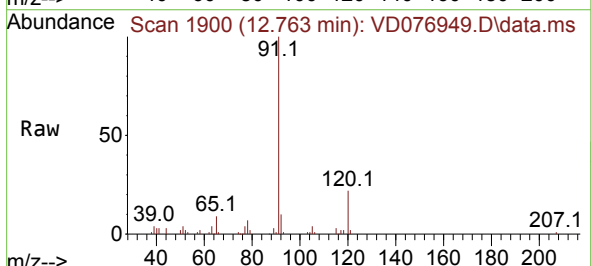
Acq: 08 Aug 2023 12:11

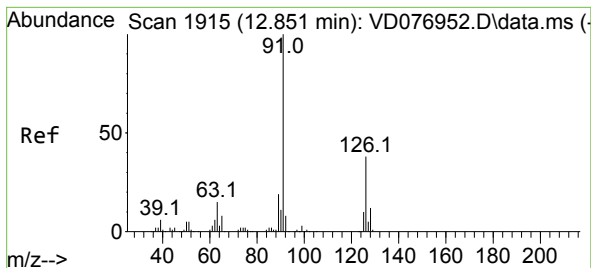
Tgt Ion: 91 Resp: 62565

Ion Ratio Lower Upper

91 100

120 22.3 12.4 37.2





#79

2-Chlorotoluene

Concen: 5.829 ug/l

RT: 12.845 min Scan# 1914

Delta R.T. -0.006 min

Lab File: VD076949.D

Acq: 08 Aug 2023 12:11

Instrument :

MSVOA_D

ClientSampleId :

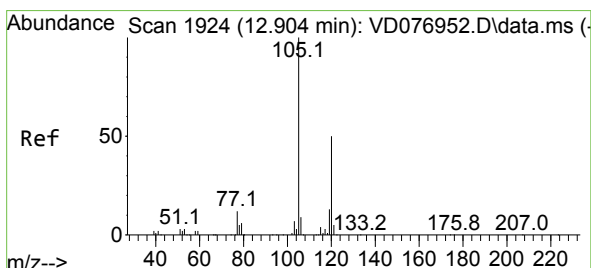
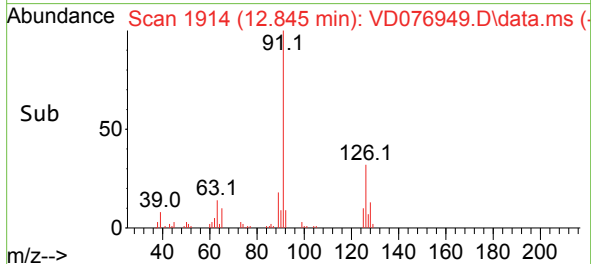
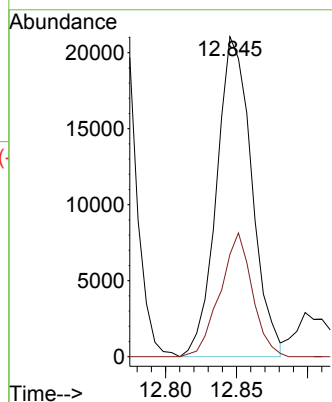
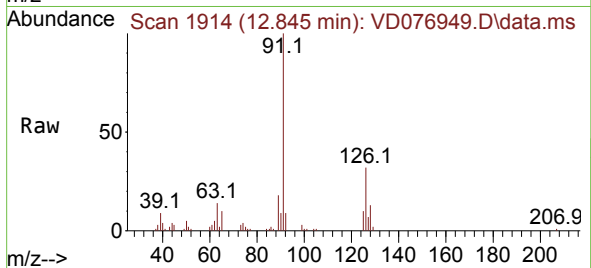
VSTDIC005

Tgt Ion: 91 Resp: 36247

Ion Ratio Lower Upper

91 100

126 35.4 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 5.451 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD076949.D

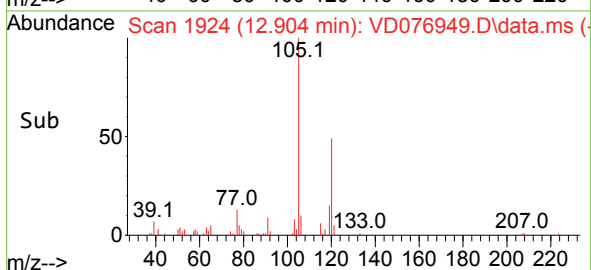
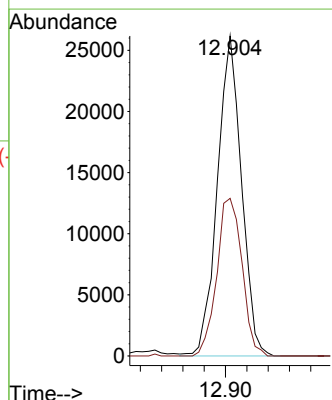
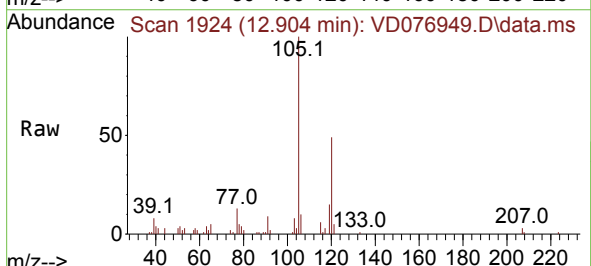
Acq: 08 Aug 2023 12:11

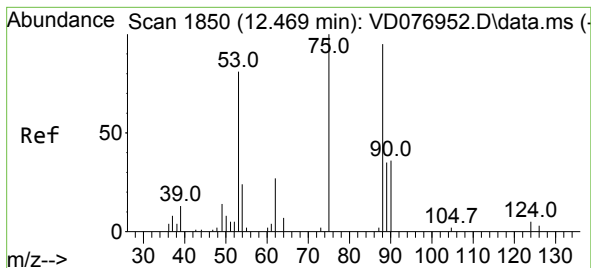
Tgt Ion: 105 Resp: 41135

Ion Ratio Lower Upper

105 100

120 51.5 26.4 79.2

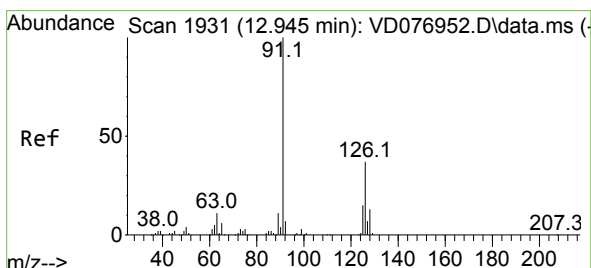
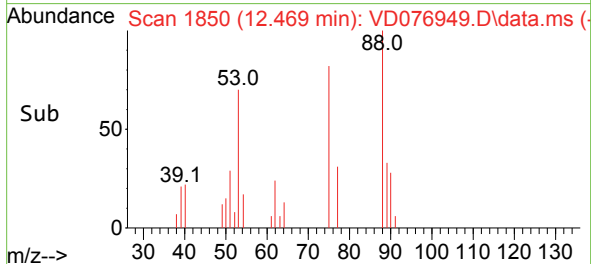
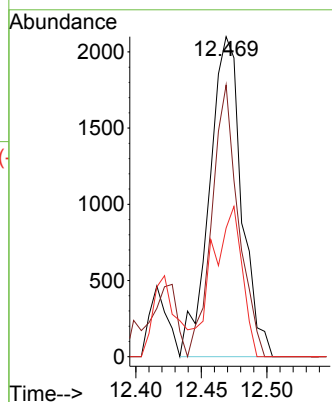
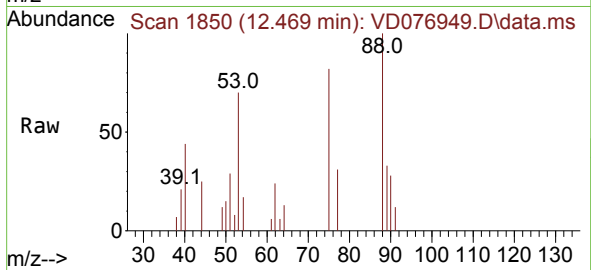




#81
trans-1,4-Dichloro-2-butene
Concen: 6.085 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD076949.D
Acq: 08 Aug 2023 12:11

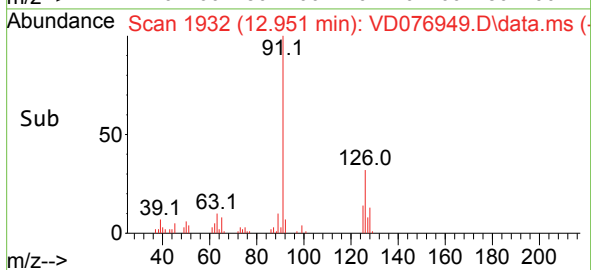
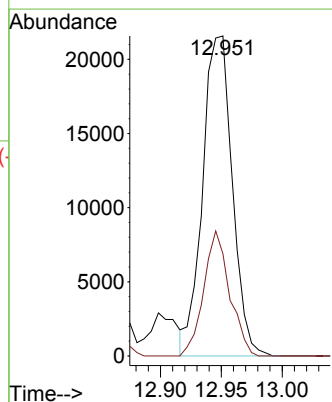
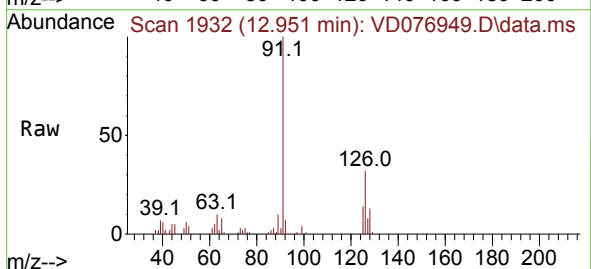
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

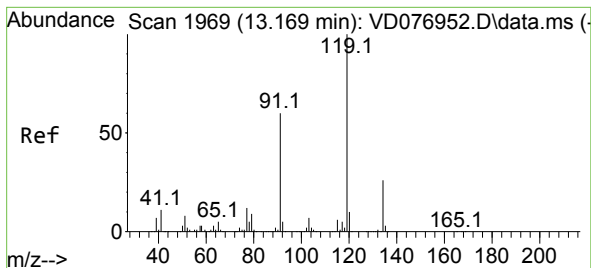
Tgt Ion: 75 Resp: 3590
Ion Ratio Lower Upper
75 100
53 69.7 63.0 94.4
89 43.8 37.9 56.9



#82
4-Chlorotoluene
Concen: 5.616 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD076949.D
Acq: 08 Aug 2023 12:11

Tgt Ion: 91 Resp: 36550
Ion Ratio Lower Upper
91 100
126 34.1 19.4 58.4





#83

tert-Butylbenzene

Concen: 5.542 ug/l

RT: 13.163 min Scan# 1969

Delta R.T. -0.006 min

Lab File: VD076949.D

Acq: 08 Aug 2023 12:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

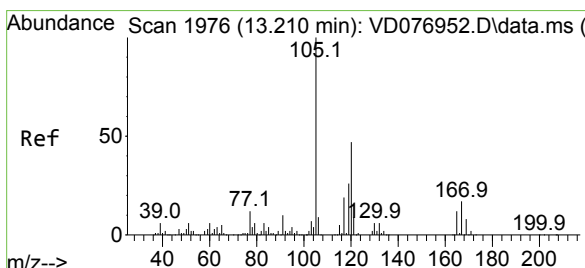
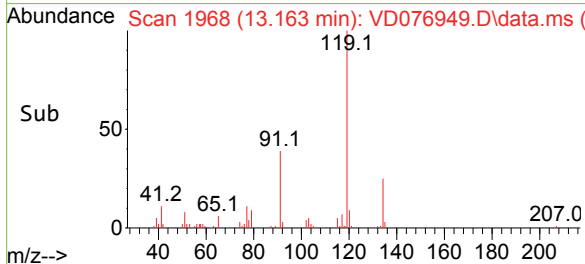
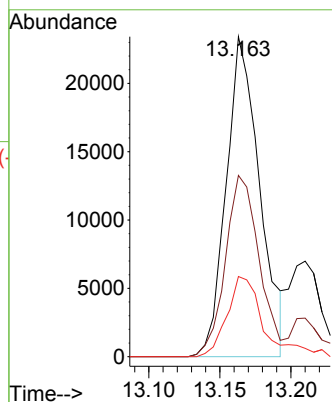
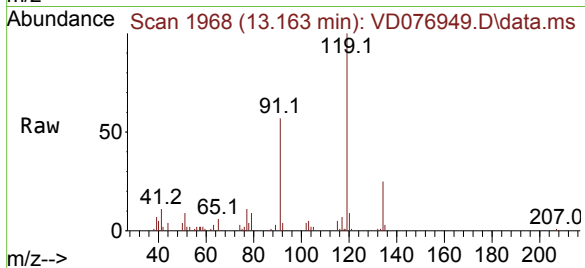
Tgt Ion:119 Resp: 38349

Ion Ratio Lower Upper

119 100

91 57.0 29.3 87.8

134 27.4 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 5.420 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD076949.D

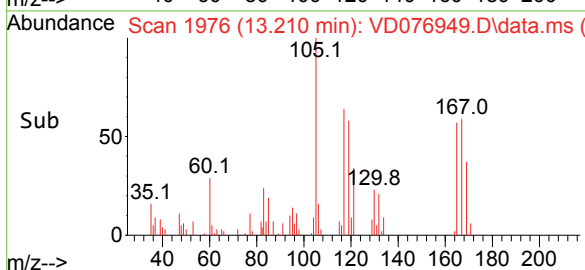
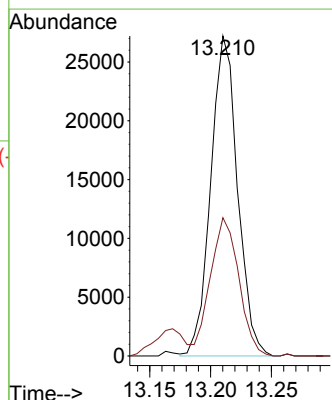
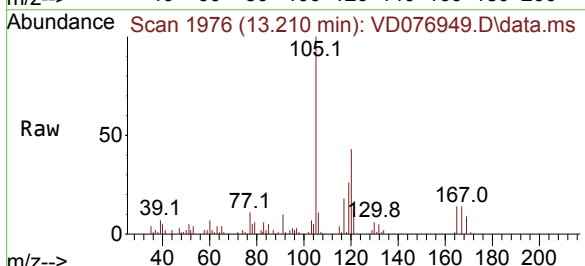
Acq: 08 Aug 2023 12:11

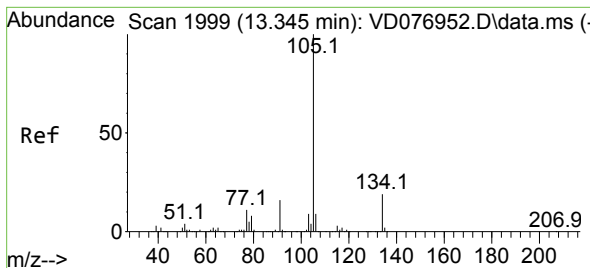
Tgt Ion:105 Resp: 41680

Ion Ratio Lower Upper

105 100

120 46.4 24.3 72.9





#85

sec-Butylbenzene

Concen: 5.418 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD076949.D

Acq: 08 Aug 2023 12:11

Instrument :

MSVOA_D

ClientSampleId :

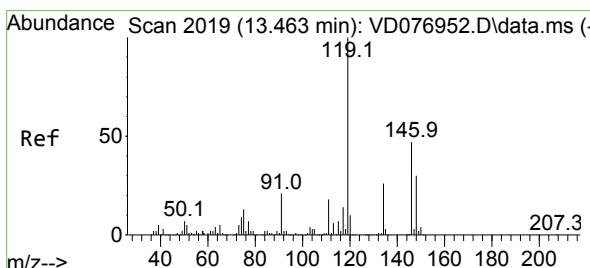
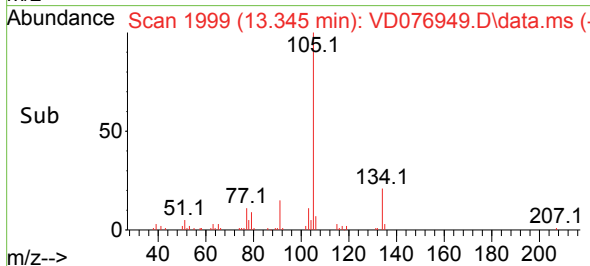
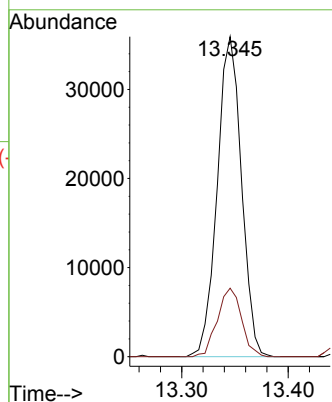
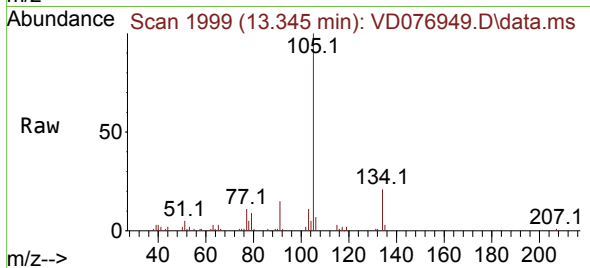
VSTDIC005

Tgt Ion:105 Resp: 56641

Ion Ratio Lower Upper

105 100

134 21.4 10.9 32.9



#86

p-Isopropyltoluene

Concen: 5.337 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.006 min

Lab File: VD076949.D

Acq: 08 Aug 2023 12:11

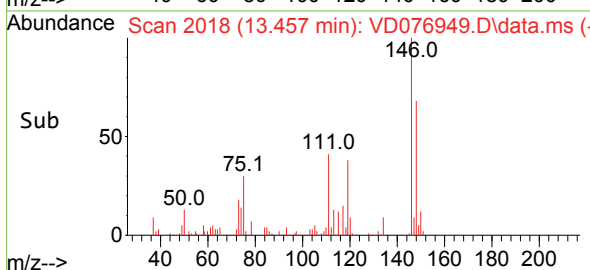
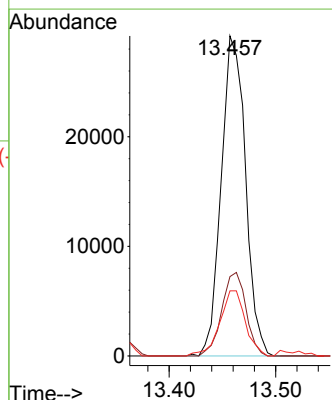
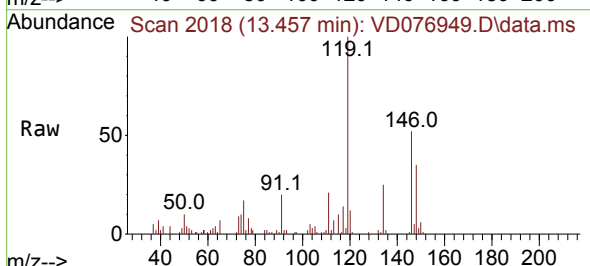
Tgt Ion:119 Resp: 46078

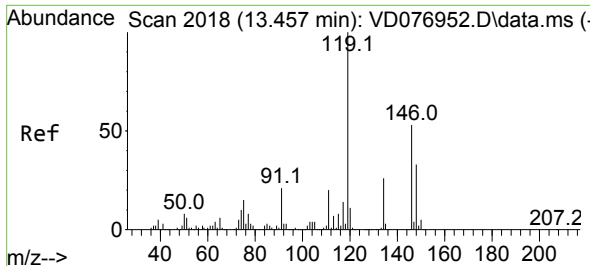
Ion Ratio Lower Upper

119 100

134 26.0 14.2 42.6

91 21.5 10.5 31.5

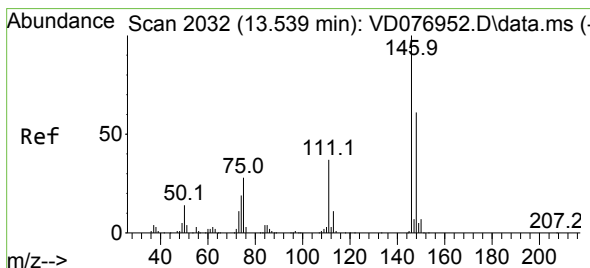
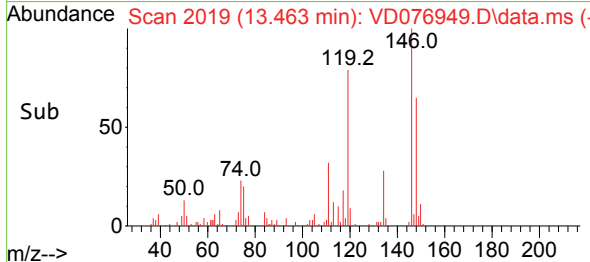
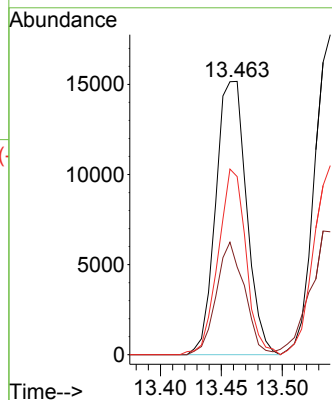
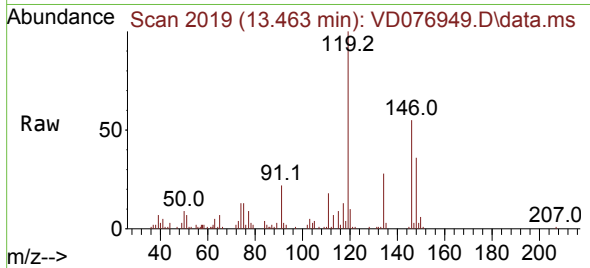




#87
1,3-Dichlorobenzene
Concen: 5.693 ug/l
RT: 13.463 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VD076949.D
Acq: 08 Aug 2023 12:11

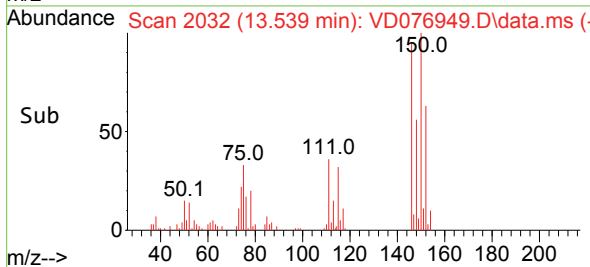
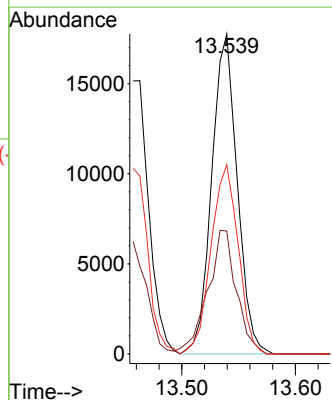
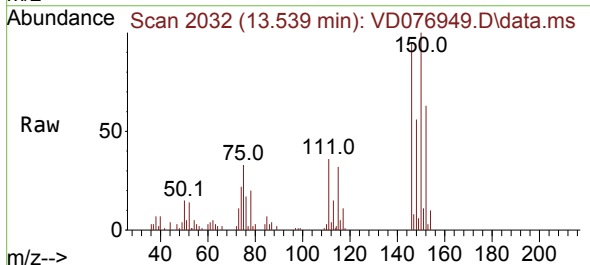
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

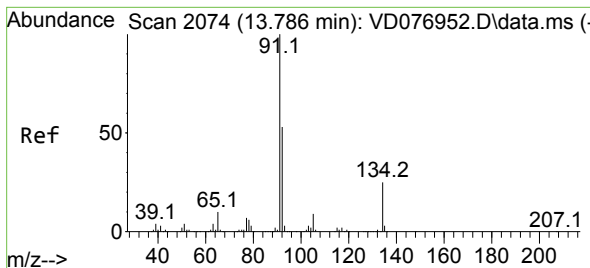
Tgt Ion:146 Resp: 26714
Ion Ratio Lower Upper
146 100
111 37.7 17.9 53.8
148 61.2 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 5.932 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD076949.D
Acq: 08 Aug 2023 12:11

Tgt Ion:146 Resp: 27754
Ion Ratio Lower Upper
146 100
111 43.6 17.4 52.3
148 62.9 31.7 95.1





#89

n-Butylbenzene

Concen: 5.648 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD076949.D

Acq: 08 Aug 2023 12:11

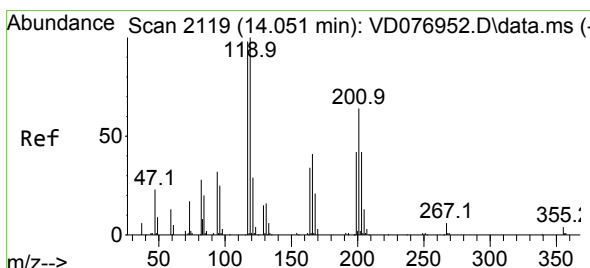
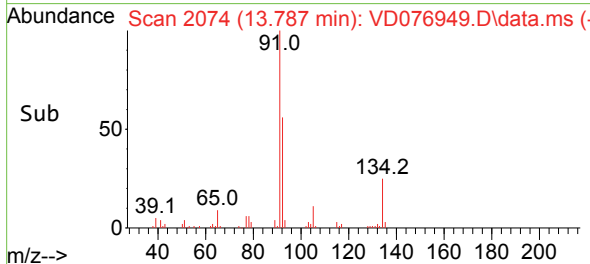
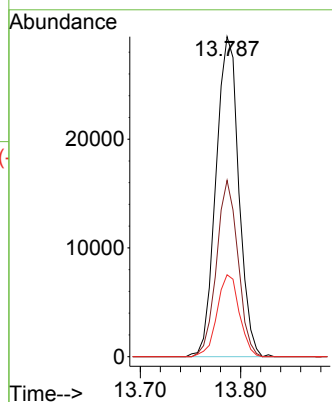
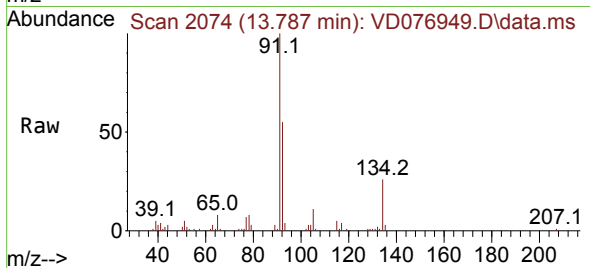
Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tgt Ion:	91	Resp:	46449
Ion	Ratio	Lower	Upper
91	100		
92	51.7	26.5	79.5
134	24.9	13.8	41.3



#90

Hexachloroethane

Concen: 5.694 ug/l

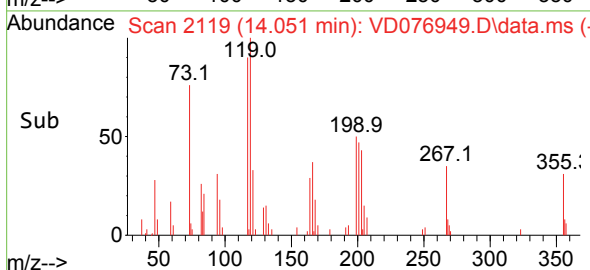
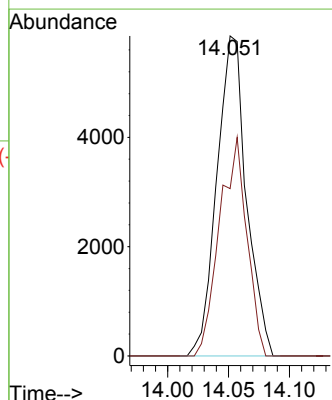
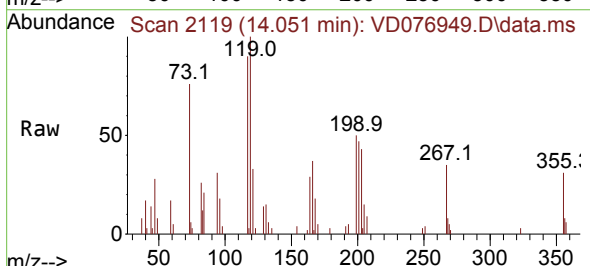
RT: 14.051 min Scan# 2119

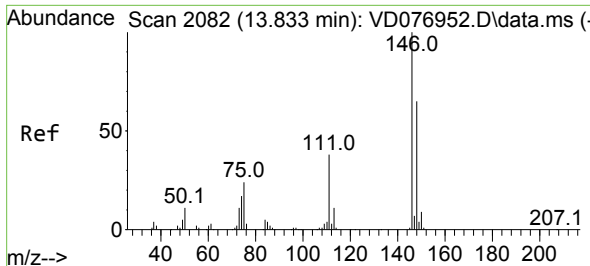
Delta R.T. 0.000 min

Lab File: VD076949.D

Acq: 08 Aug 2023 12:11

Tgt Ion:	117	Resp:	9934
Ion	Ratio	Lower	Upper
117	100		
201	62.9	38.5	115.5





#91

1,2-Dichlorobenzene

Concen: 5.782 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VD076949.D

Acq: 08 Aug 2023 12:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

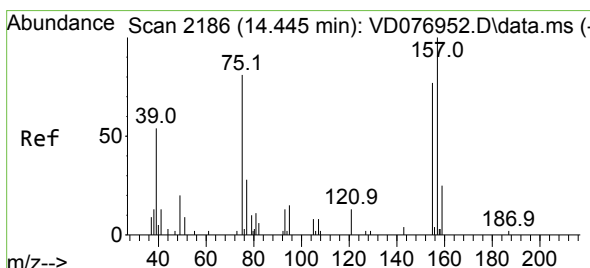
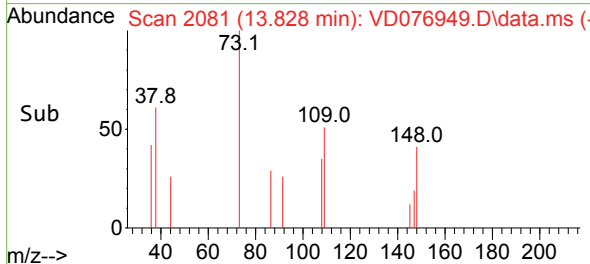
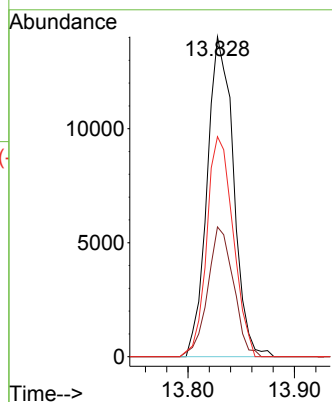
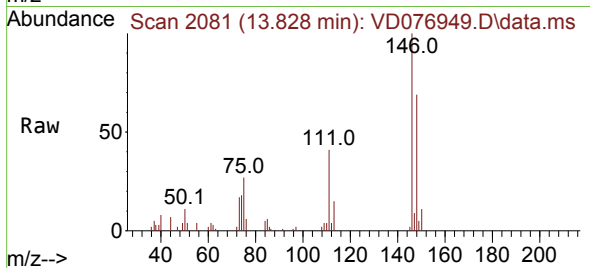
Tgt Ion:146 Resp: 24123

Ion Ratio Lower Upper

146 100

111 39.6 18.3 54.8

148 68.8 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 6.469 ug/l

RT: 14.439 min Scan# 2185

Delta R.T. -0.006 min

Lab File: VD076949.D

Acq: 08 Aug 2023 12:11

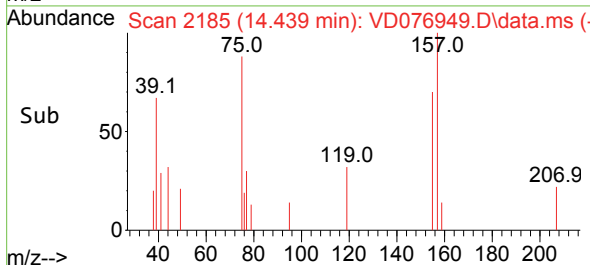
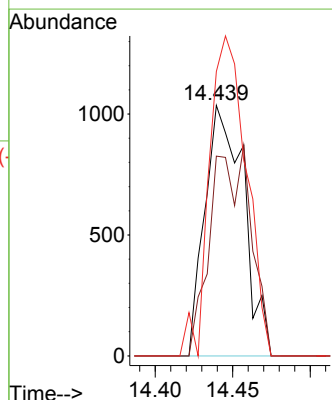
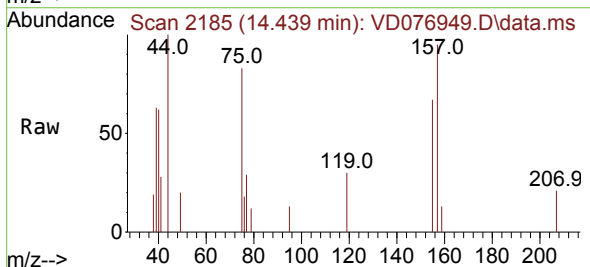
Tgt Ion: 75 Resp: 1802

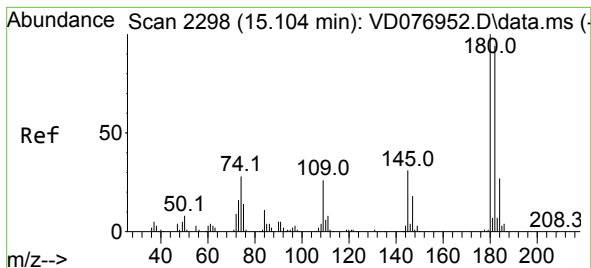
Ion Ratio Lower Upper

75 100

155 87.0 47.9 143.8

157 122.1 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 6.284 ug/l

RT: 15.104 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VD076949.D

Acq: 08 Aug 2023 12:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

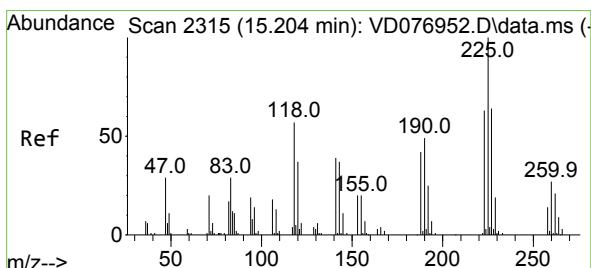
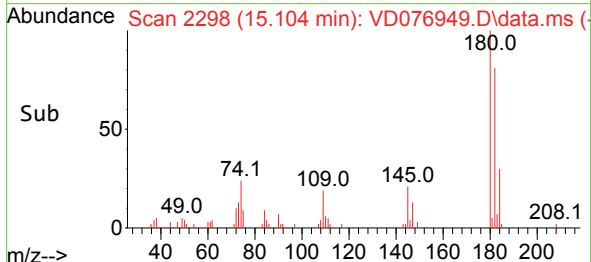
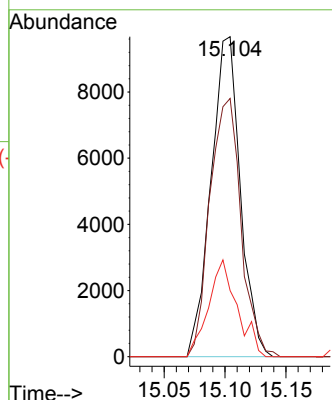
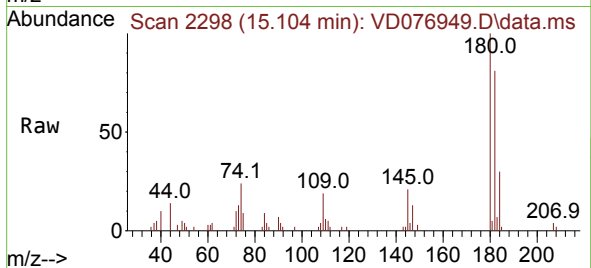
Tgt Ion:180 Resp: 16216

Ion Ratio Lower Upper

180 100

182 85.3 48.5 145.6

145 29.6 14.2 42.6



#94

Hexachlorobutadiene

Concen: 6.299 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD076949.D

Acq: 08 Aug 2023 12:11

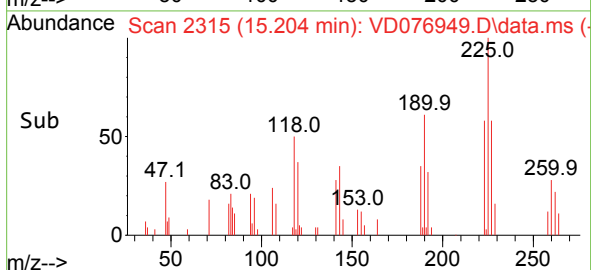
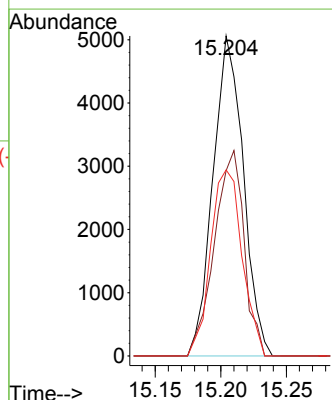
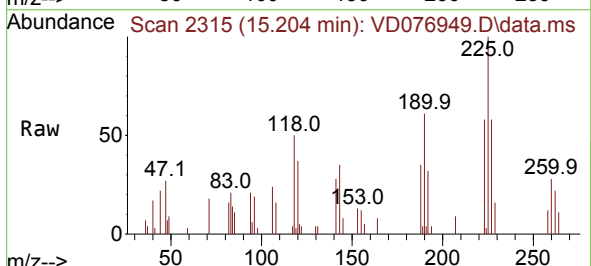
Tgt Ion:225 Resp: 8132

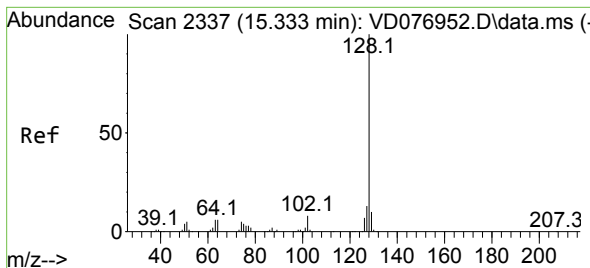
Ion Ratio Lower Upper

225 100

223 62.7 31.6 94.8

227 60.5 31.7 95.1





#95

Naphthalene

Concen: 6.079 ug/l

RT: 15.334 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD076949.D

Acq: 08 Aug 2023 12:11

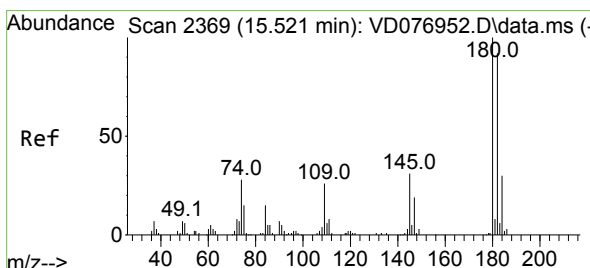
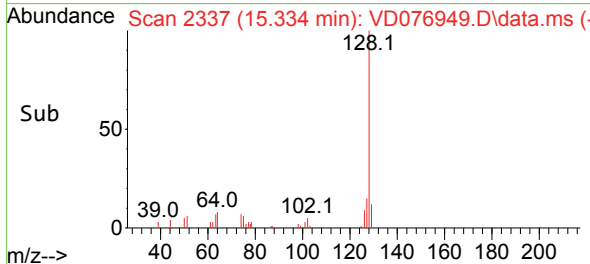
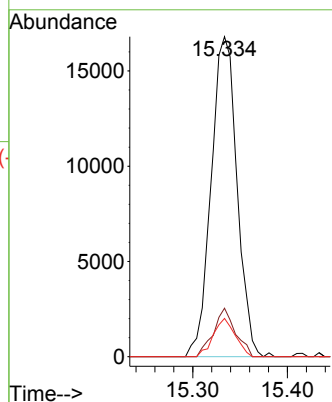
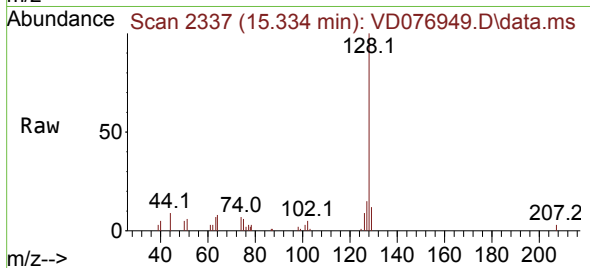
Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tgt Ion:128	Resp:	31906
Ion Ratio	Lower	Upper
128	100	
127	15.2	10.5 15.7
129	11.9	8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 6.111 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD076949.D

Acq: 08 Aug 2023 12:11

Tgt Ion:180	Resp:	14061
Ion Ratio	Lower	Upper
180	100	
182	91.3	47.3 141.9
145	34.2	15.1 45.3

