

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060623\
 Data File : VD076331.D
 Acq On : 06 Jun 2023 09:59
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 07 06:09:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 06 02:52:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	236032	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	386157	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	352738	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	173406	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.228	65	100801	47.664	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.320%
35) Dibromofluoromethane	7.804	113	122301	49.881	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.760%
50) Toluene-d8	10.269	98	503705	51.599	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.200%
62) 4-Bromofluorobenzene	12.575	95	134793	52.176	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.360%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.934	85	98052	42.897	ug/l	96
3) Chloromethane	2.146	50	196630	44.768	ug/l	96
4) Vinyl Chloride	2.281	62	259232	44.970	ug/l	100
5) Bromomethane	2.687	94	175573	46.943	ug/l	100
6) Chloroethane	2.834	64	180494	46.724	ug/l	98
7) Trichlorofluoromethane	3.169	101	174775	45.664	ug/l	98
8) Diethyl Ether	3.593	74	60889	48.769	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.963	101	114631	46.823	ug/l	99
10) Methyl Iodide	4.158	142	169754	49.825	ug/l	98
11) Tert butyl alcohol	5.052	59	27423	232.017	ug/l #	73
12) 1,1-Dichloroethene	3.934	96	125485	48.284	ug/l	97
13) Acrolein	3.793	56	63235	245.913	ug/l	98
14) Allyl chloride	4.558	41	127325	49.860	ug/l	97
15) Acrylonitrile	5.252	53	122492	245.691	ug/l	100
16) Acetone	4.016	43	111639	288.206	ug/l	99
17) Carbon Disulfide	4.263	76	408093	47.077	ug/l	98
18) Methyl Acetate	4.563	43	76165	46.367	ug/l	98
19) Methyl tert-butyl Ether	5.316	73	246405	51.461	ug/l	99
20) Methylene Chloride	4.799	84	151034	46.894	ug/l	92
21) trans-1,2-Dichloroethene	5.305	96	146241	48.560	ug/l	97
22) Diisopropyl ether	6.210	45	292610	51.523	ug/l	98
23) Vinyl Acetate	6.152	43	591094m	276.630	ug/l	
24) 1,1-Dichloroethane	6.110	63	221878	47.837	ug/l	99
25) 2-Butanone	7.081	43	135334	252.312	ug/l	96
26) 2,2-Dichloropropane	7.075	77	183870	47.874	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	158658	48.768	ug/l	99
28) Bromochloromethane	7.422	49	55214	47.979	ug/l	98
29) Tetrahydrofuran	7.440	42	76989	243.293	ug/l	97
30) Chloroform	7.593	83	232994	47.864	ug/l	99
31) Cyclohexane	7.875	56	163760	46.121	ug/l	96
32) 1,1,1-Trichloroethane	7.793	97	185019	47.730	ug/l	98
36) 1,1-Dichloropropene	8.004	75	173310	49.198	ug/l	99
37) Ethyl Acetate	7.163	43	56609	48.709	ug/l	98
38) Carbon Tetrachloride	7.987	117	148283	48.019	ug/l	99
39) Methylcyclohexane	9.275	83	200811	49.891	ug/l	96
40) Benzene	8.252	78	550782	49.427	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	29969	50.613	ug/l	90
42) 1,2-Dichloroethane	8.322	62	123213	47.875	ug/l	99
43) Isopropyl Acetate	8.357	43	103998	49.930	ug/l	100
44) Trichloroethene	9.028	130	151341	48.572	ug/l	97
45) 1,2-Dichloropropane	9.304	63	127715	48.834	ug/l	95
46) Dibromomethane	9.393	93	71693	48.428	ug/l	96
47) Bromodichloromethane	9.581	83	172664	49.752	ug/l	98
48) Methyl methacrylate	9.381	41	48523	51.424	ug/l	94
49) 1,4-Dioxane	9.387	88	15824	975.247	ug/l	96
51) 4-Methyl-2-Pentanone	10.157	43	272375	248.089	ug/l	100
52) Toluene	10.334	92	347460	50.704	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	159027	49.375	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	202249	50.814	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	101678	48.507	ug/l	96
56) Ethyl methacrylate	10.598	69	110978	51.910	ug/l	99
57) 1,3-Dichloropropane	10.881	76	162815	48.904	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	225083	250.754	ug/l	98
59) 2-Hexanone	10.922	43	206518	274.161	ug/l	100
60) Dibromochloromethane	11.075	129	116030	48.831	ug/l	96
61) 1,2-Dibromoethane	11.181	107	94510	49.551	ug/l	98
64) Tetrachloroethene	10.810	164	123745	48.977	ug/l	96
65) Chlorobenzene	11.610	112	375454	49.679	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	126076	49.685	ug/l	99
67) Ethyl Benzene	11.687	91	623834	51.219	ug/l	98
68) m/p-Xylenes	11.793	106	514819	102.251	ug/l	97
69) o-Xylene	12.122	106	235592	51.899	ug/l	99
70) Styrene	12.134	104	409926	52.657	ug/l	99
71) Bromoform	12.304	173	67932	49.622	ug/l #	100
73) Isopropylbenzene	12.422	105	574547	51.756	ug/l	99
74) N-amyl acetate	12.234	43	94790	49.794	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.675	83	107422	48.339	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	86166m	53.232	ug/l	
77) Bromobenzene	12.698	156	150755	51.649	ug/l	98
78) n-propylbenzene	12.763	91	716349	52.194	ug/l	100
79) 2-Chlorotoluene	12.851	91	383377	51.209	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	480614	52.503	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	35466	52.477	ug/l	94
82) 4-Chlorotoluene	12.945	91	412144	51.705	ug/l	99
83) tert-Butylbenzene	13.169	119	396034	51.593	ug/l	98
84) 1,2,4-Trimethylbenzene	13.216	105	483305	52.864	ug/l	100
85) sec-Butylbenzene	13.345	105	609136	51.590	ug/l	99
86) p-Isopropyltoluene	13.463	119	516466	52.772	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	298806	50.783	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	293556	49.274	ug/l	99
89) n-Butylbenzene	13.792	91	472418	51.935	ug/l	100
90) Hexachloroethane	14.057	117	96721	49.223	ug/l	100
91) 1,2-Dichlorobenzene	13.834	146	255437	50.003	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	13515	46.037	ug/l	90
93) 1,2,4-Trichlorobenzene	15.104	180	157566	53.068	ug/l	97
94) Hexachlorobutadiene	15.204	225	72671	50.059	ug/l	98
95) Naphthalene	15.334	128	289816	46.994	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	135894	51.755	ug/l	99

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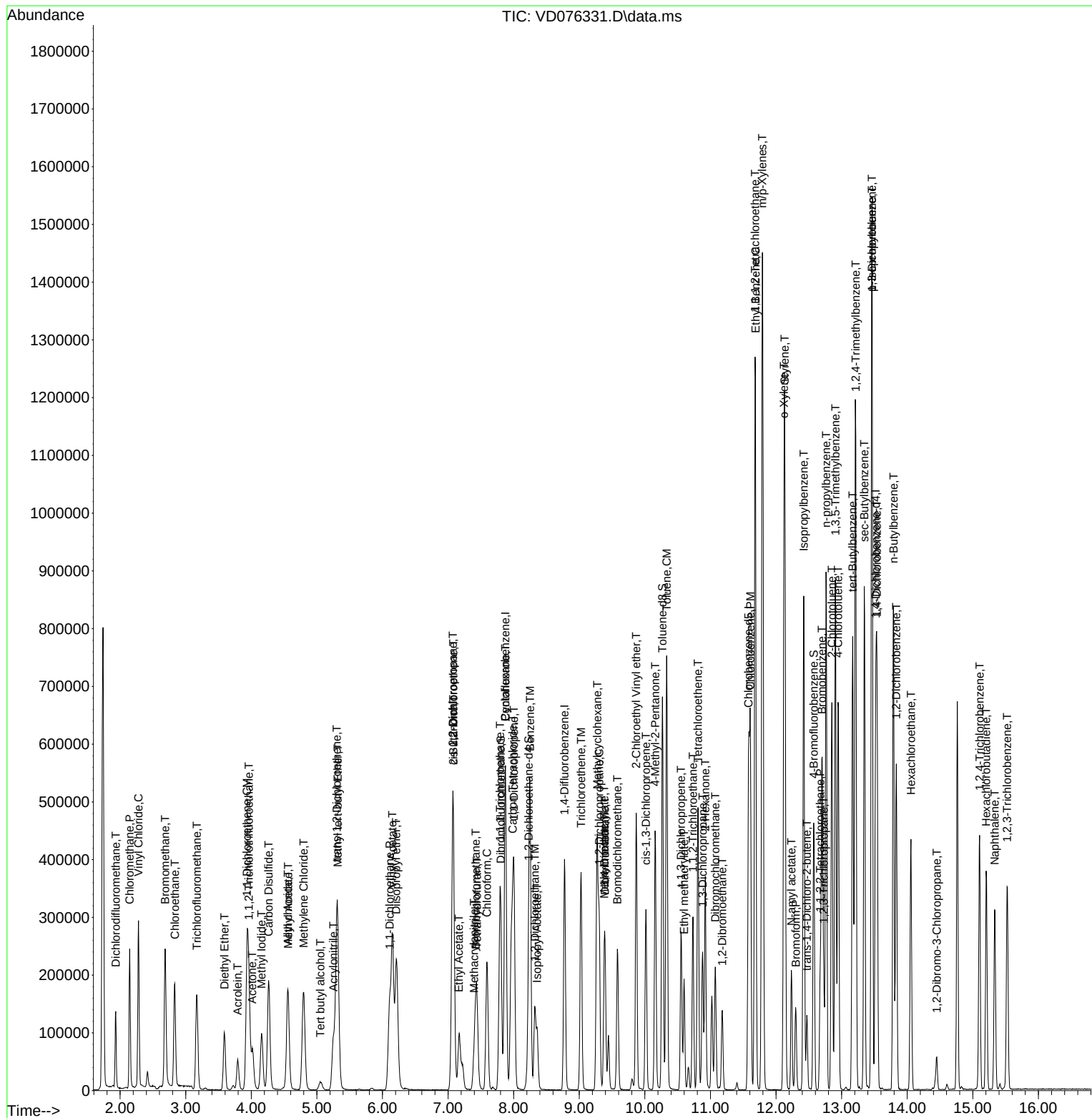
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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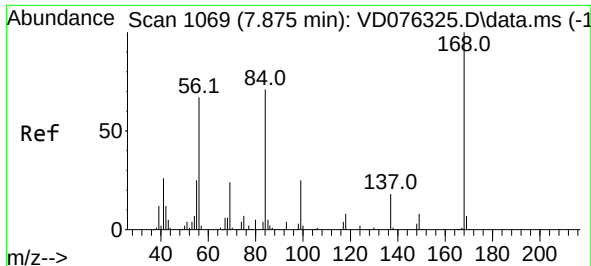
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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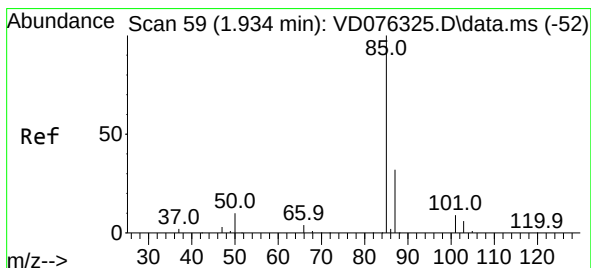
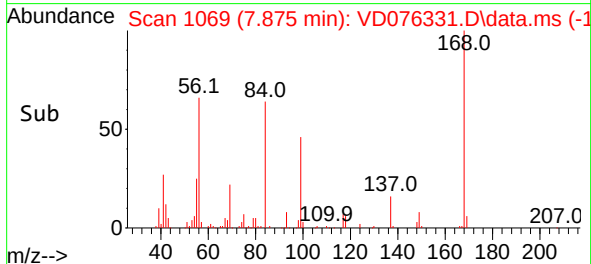
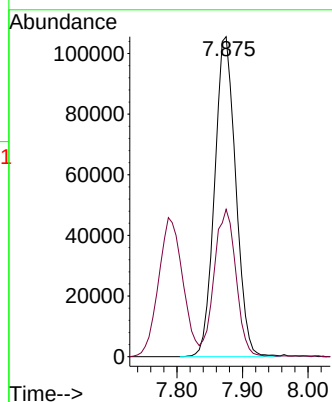
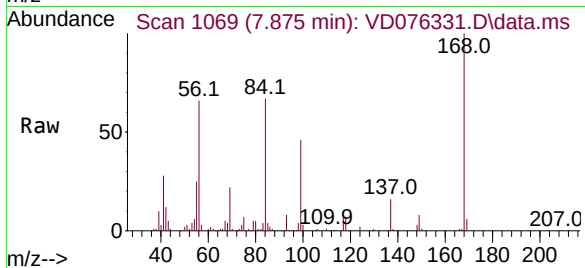




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
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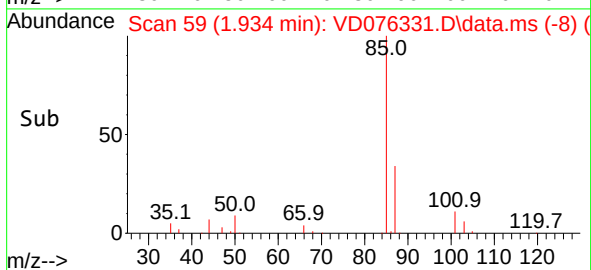
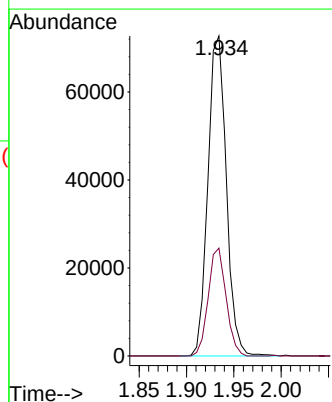
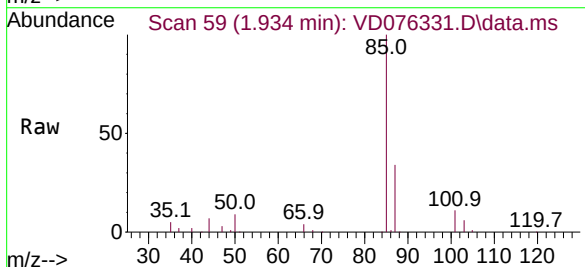
Instrument :
MSVOA_D
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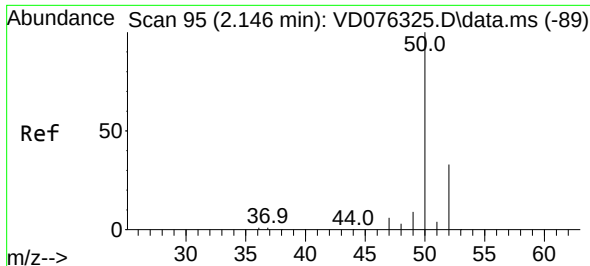
Tgt Ion:168 Resp: 236032
Ion Ratio Lower Upper
168 100
99 45.9 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 42.897 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD076331.D
Acq: 06 Jun 2023 09:59

Tgt Ion: 85 Resp: 98052
Ion Ratio Lower Upper
85 100
87 33.7 15.7 47.0

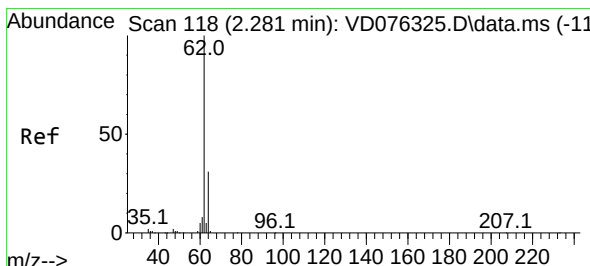
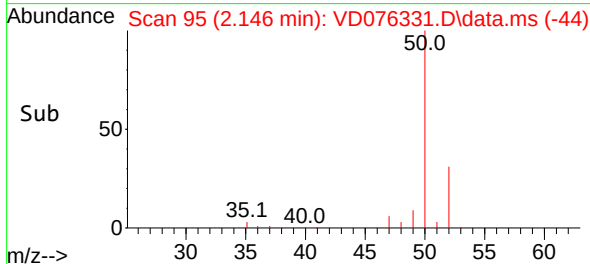
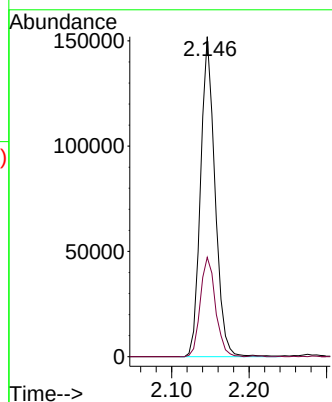
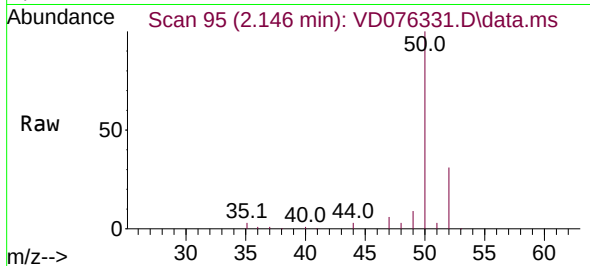




#3
Chloromethane
Concen: 44.768 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076331.D
Acq: 06 Jun 2023 09:59

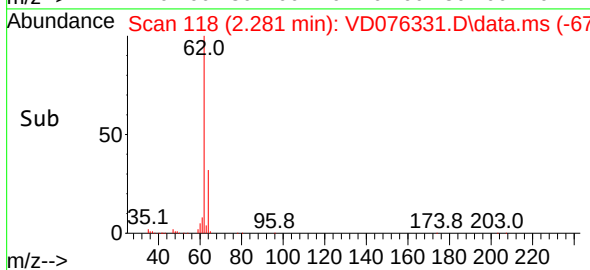
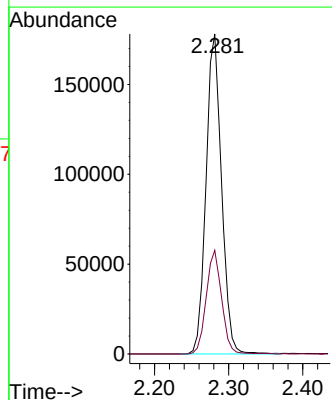
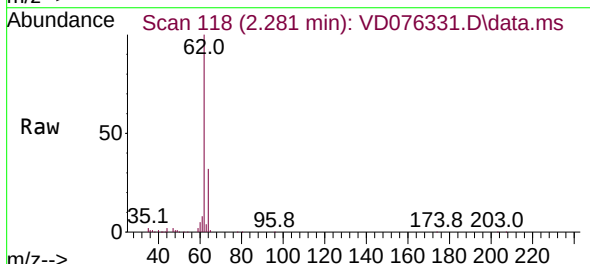
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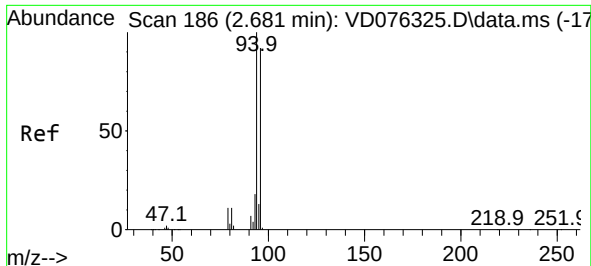
Tgt Ion: 50 Resp: 196630
Ion Ratio Lower Upper
50 100
52 31.0 26.6 40.0



#4
Vinyl Chloride
Concen: 44.970 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.000 min
Lab File: VD076331.D
Acq: 06 Jun 2023 09:59

Tgt Ion: 62 Resp: 259232
Ion Ratio Lower Upper
62 100
64 32.4 26.0 39.0

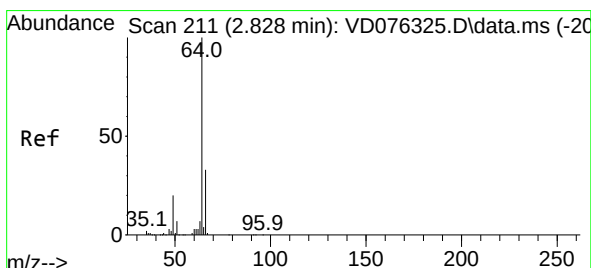
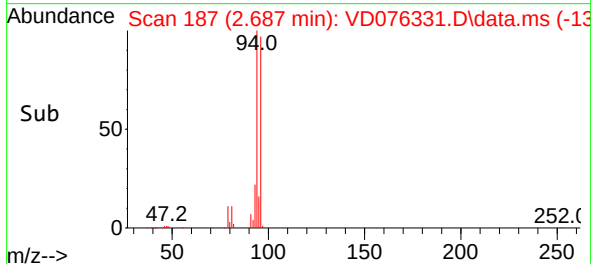
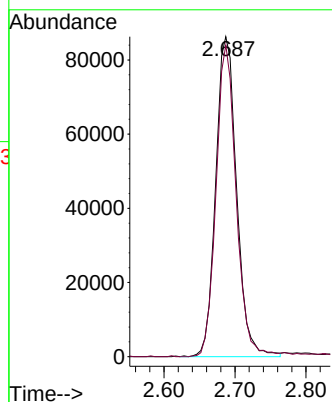
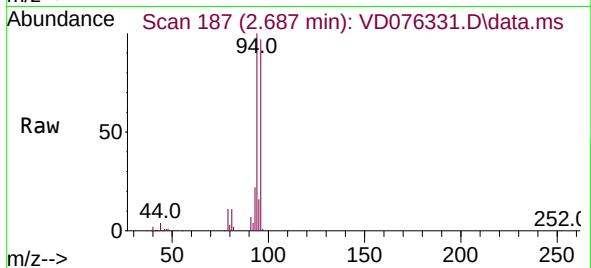




#5
Bromomethane
Concen: 46.943 ug/l
RT: 2.687 min Scan# 186
Delta R.T. 0.006 min
Lab File: VD076331.D
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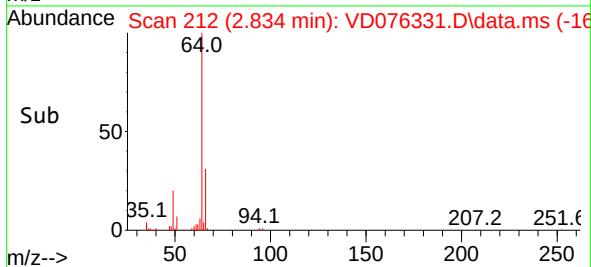
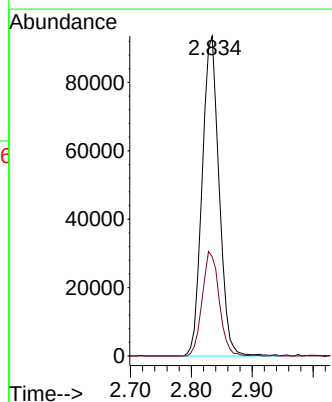
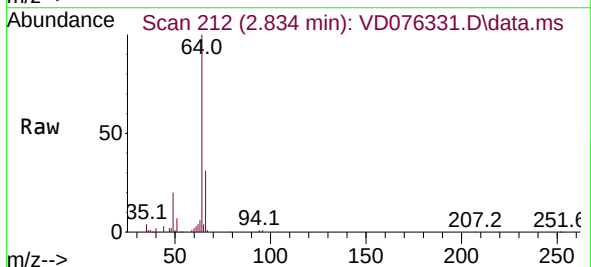
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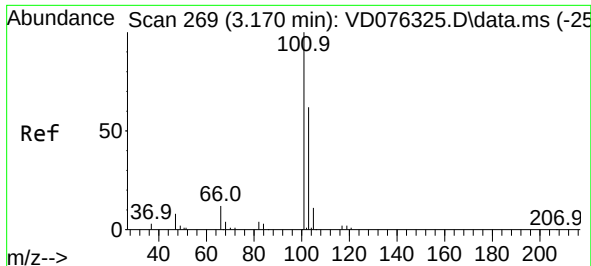
Tgt Ion: 94 Resp: 175573
Ion Ratio Lower Upper
94 100
96 94.4 75.8 113.8



#6
Chloroethane
Concen: 46.724 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.006 min
Lab File: VD076331.D
Acq: 06 Jun 2023 09:59

Tgt Ion: 64 Resp: 180494
Ion Ratio Lower Upper
64 100
66 31.0 25.5 38.3

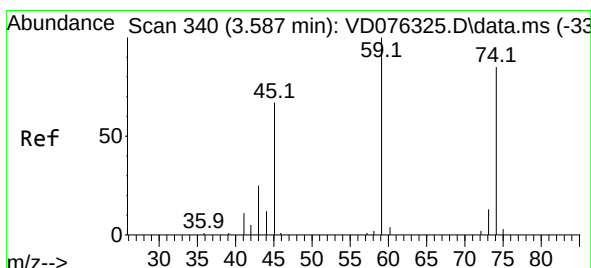
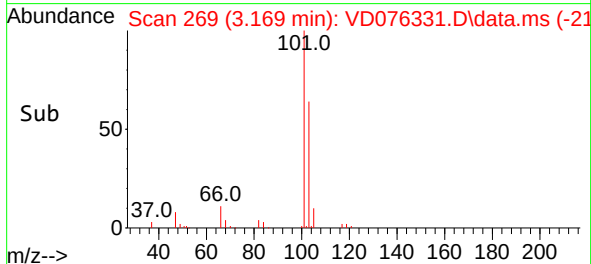
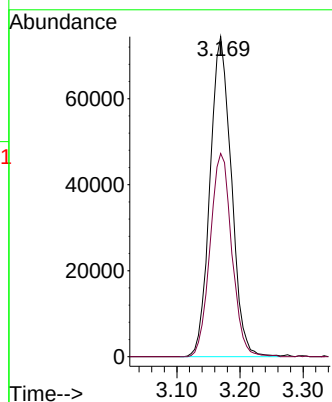
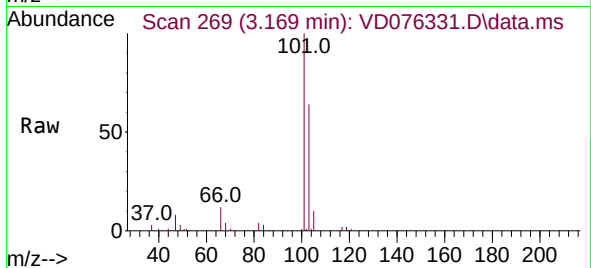




#7
Trichlorofluoromethane
Concen: 45.664 ug/l
RT: 3.169 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD076331.D
Acq: 06 Jun 2023 09:59

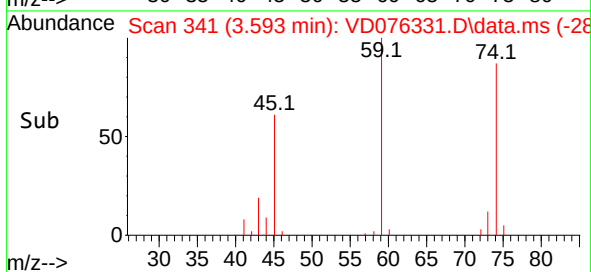
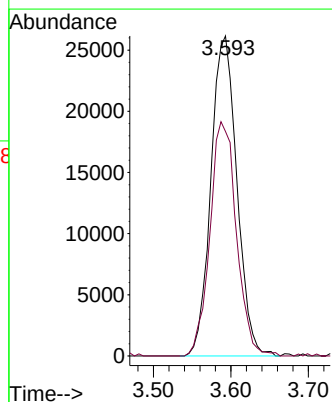
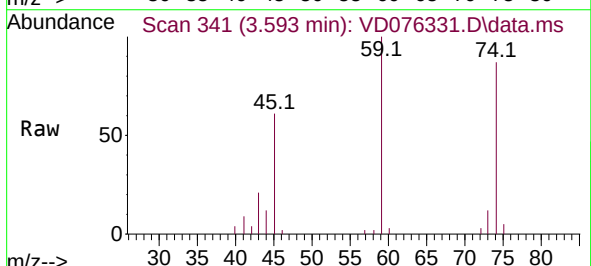
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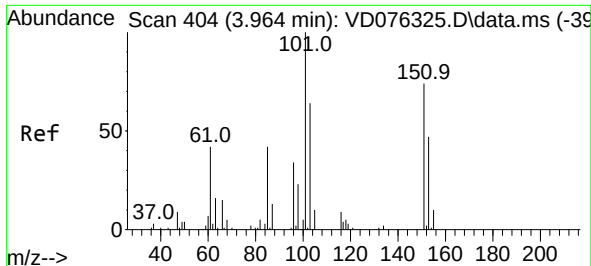
Tgt Ion:101 Resp: 174775
Ion Ratio Lower Upper
101 100
103 63.5 52.3 78.5



#8
Diethyl Ether
Concen: 48.769 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.006 min
Lab File: VD076331.D
Acq: 06 Jun 2023 09:59

Tgt Ion: 74 Resp: 60889
Ion Ratio Lower Upper
74 100
45 74.7 37.5 112.7

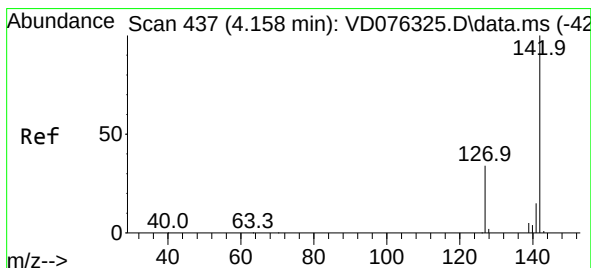
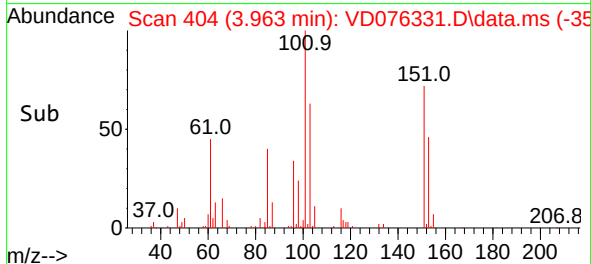
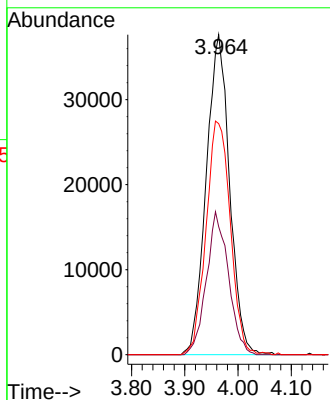
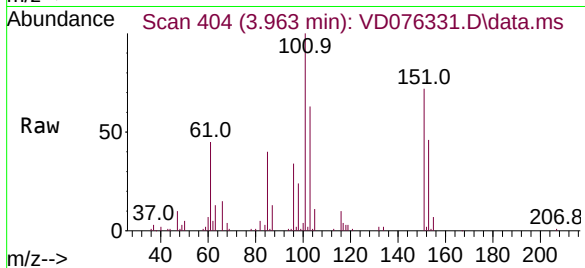




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.823 ug/l
RT: 3.963 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD076331.D
Acq: 06 Jun 2023 09:59

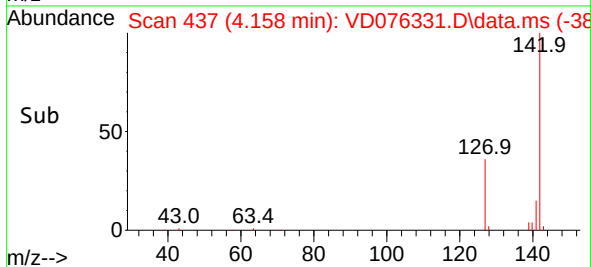
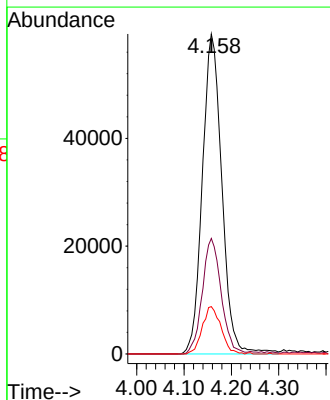
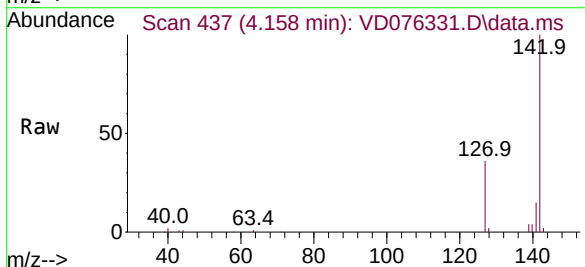
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

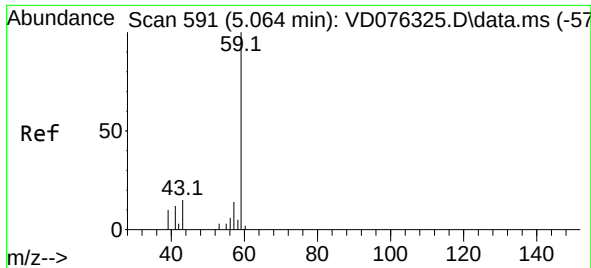
Tgt Ion:	101	Resp:	114631
Ion	Ratio	Lower	Upper
101	100		
85	42.2	33.8	50.6
151	75.8	59.8	89.6



#10
Methyl Iodide
Concen: 49.825 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD076331.D
Acq: 06 Jun 2023 09:59

Tgt Ion:	142	Resp:	169754
Ion	Ratio	Lower	Upper
142	100		
127	34.9	29.4	44.0
141	14.2	11.1	16.7

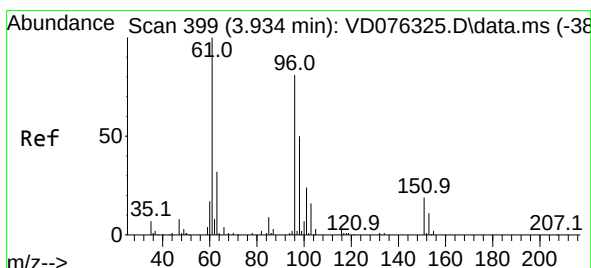
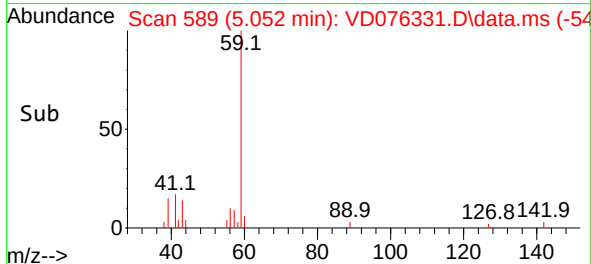
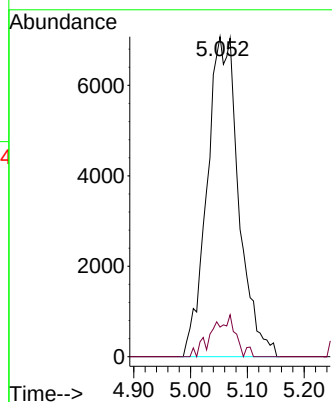
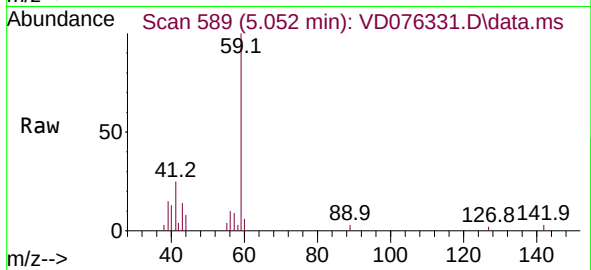




#11
Tert butyl alcohol
Concen: 232.017 ug/l
RT: 5.052 min Scan# 591
Delta R.T. -0.012 min
Lab File: VD076331.D
Acq: 06 Jun 2023 09:59

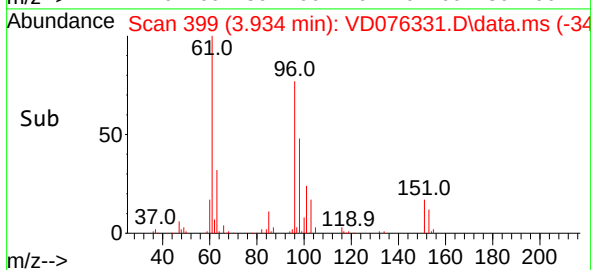
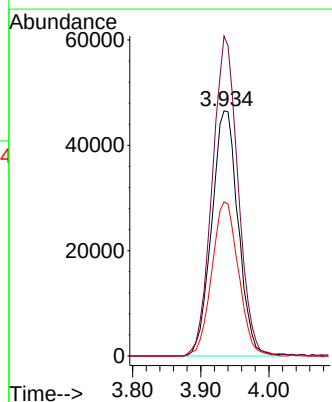
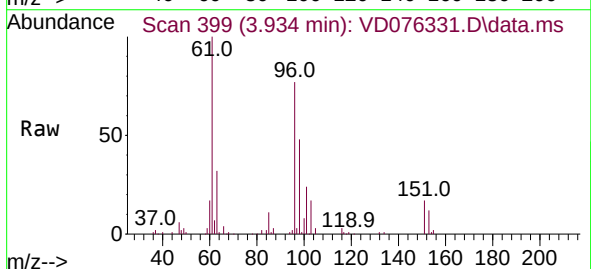
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

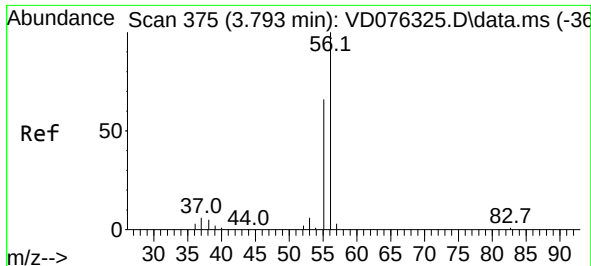
Tgt Ion: 59 Resp: 27423
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 48.284 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.000 min
Lab File: VD076331.D
Acq: 06 Jun 2023 09:59

Tgt Ion: 96 Resp: 125485
Ion Ratio Lower Upper
96 100
61 130.6 100.6 150.8
98 62.9 50.2 75.2

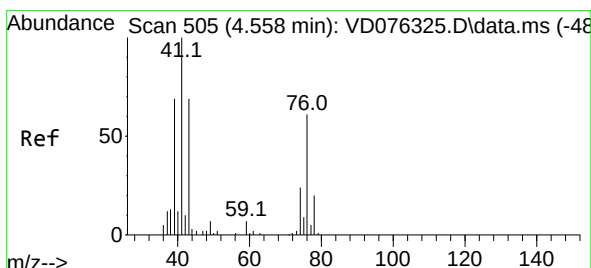
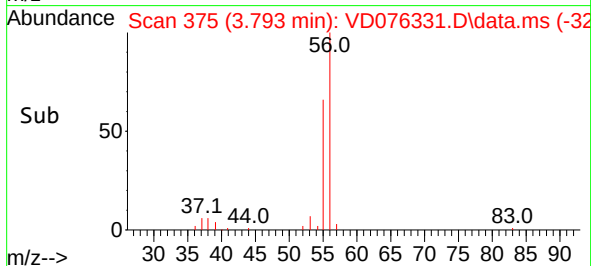
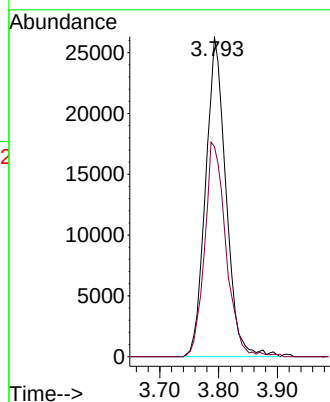
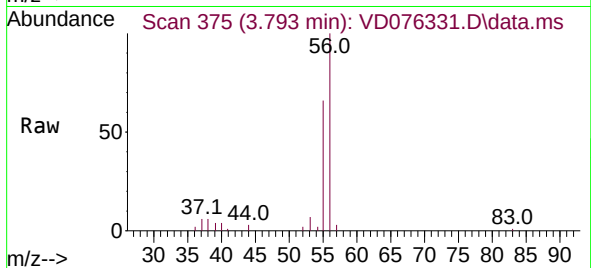




#13
Acrolein
Concen: 245.913 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD076331.D
Acq: 06 Jun 2023 09:59

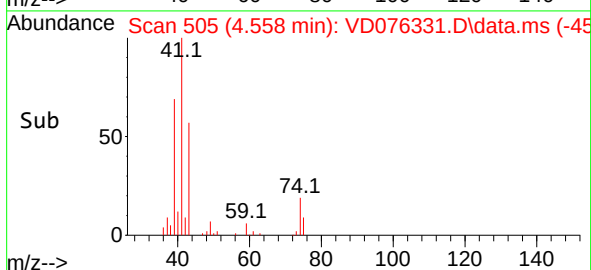
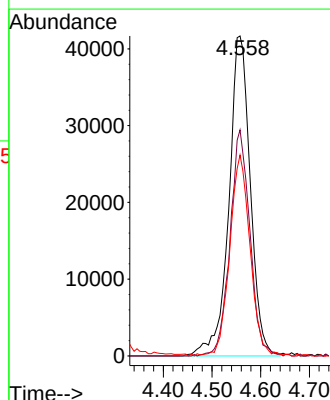
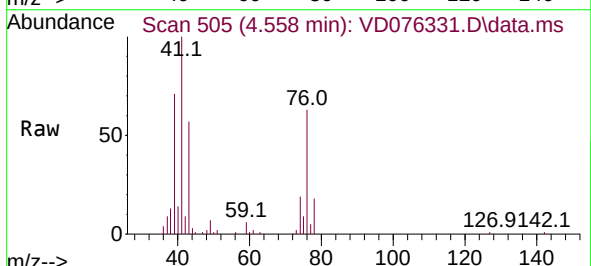
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

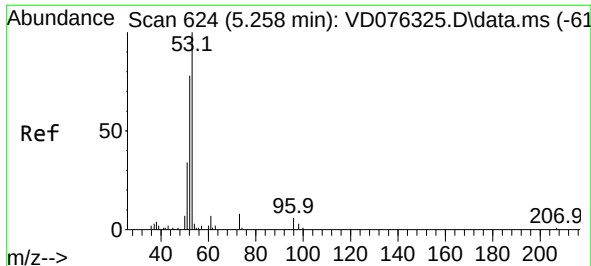
Tgt Ion: 56 Resp: 63235
Ion Ratio Lower Upper
56 100
55 70.3 55.1 82.7



#14
Allyl chloride
Concen: 49.860 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.000 min
Lab File: VD076331.D
Acq: 06 Jun 2023 09:59

Tgt Ion: 41 Resp: 127325
Ion Ratio Lower Upper
41 100
39 65.5 53.8 80.6
76 59.7 45.8 68.8

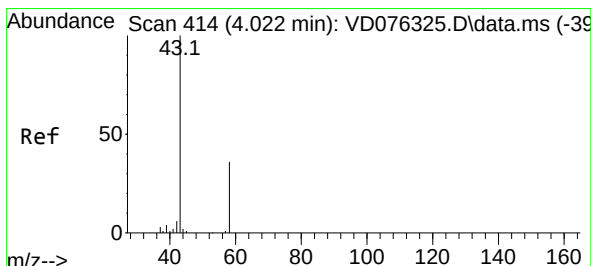
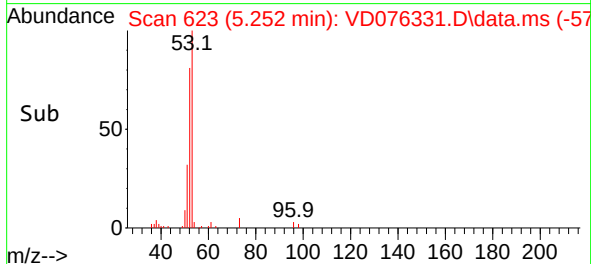
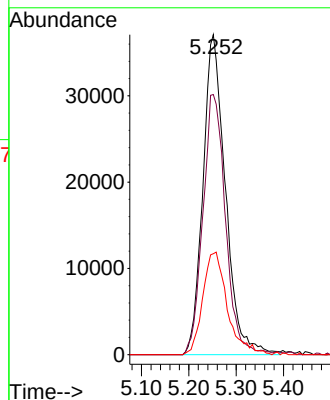
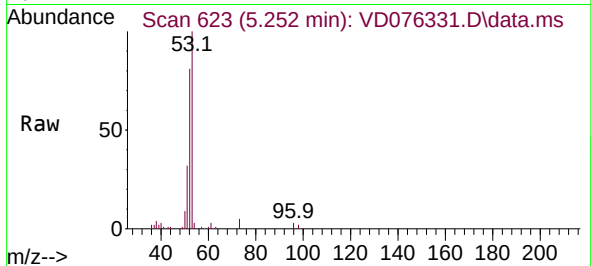




#15
Acrylonitrile
Concen: 245.691 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD076331.D
Acq: 06 Jun 2023 09:59

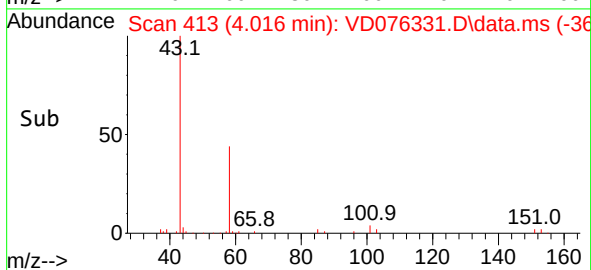
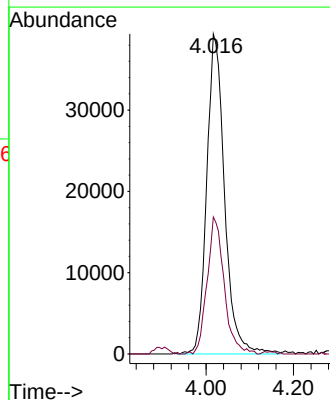
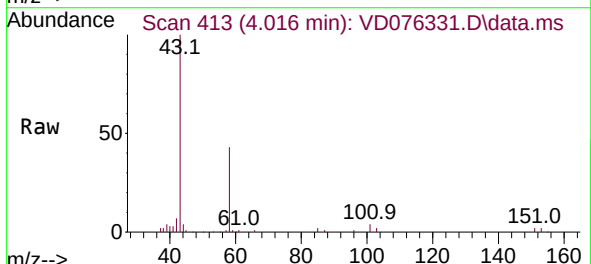
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

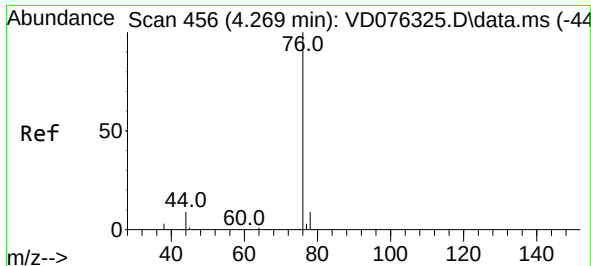
Tgt Ion: 53 Resp: 122492
Ion Ratio Lower Upper
53 100
52 81.1 65.0 97.4
51 35.0 28.3 42.5



#16
Acetone
Concen: 288.206 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD076331.D
Acq: 06 Jun 2023 09:59

Tgt Ion: 43 Resp: 111639
Ion Ratio Lower Upper
43 100
58 42.8 34.7 52.1

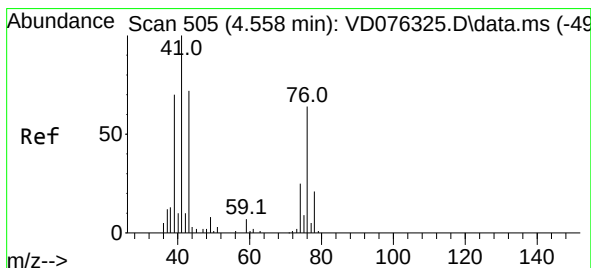
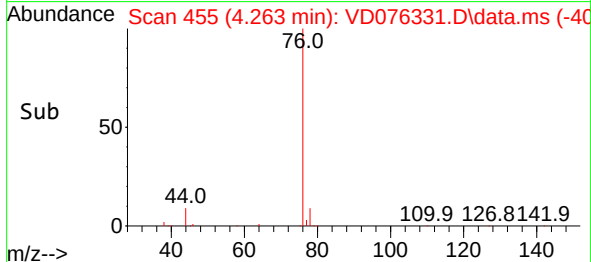
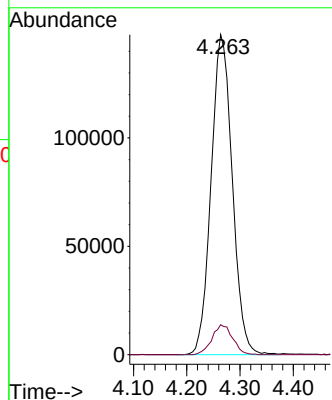
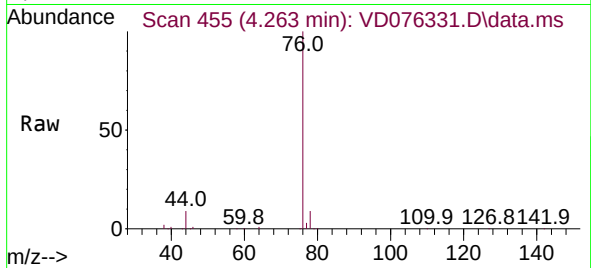




#17
Carbon Disulfide
Concen: 47.077 ug/l
RT: 4.263 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD076331.D
Acq: 06 Jun 2023 09:59

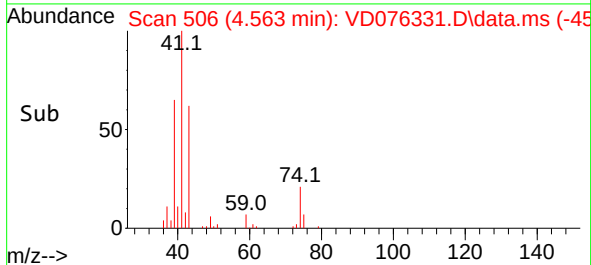
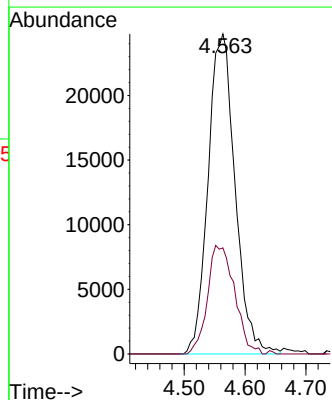
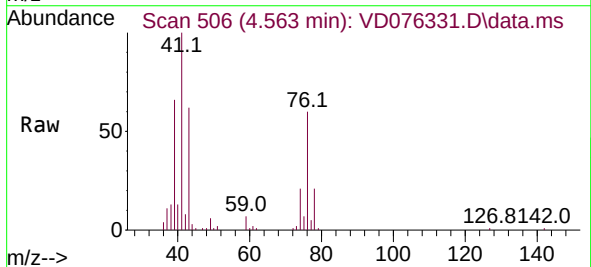
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

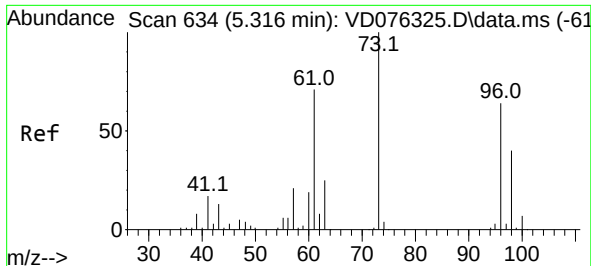
Tgt Ion: 76 Resp: 408093
Ion Ratio Lower Upper
76 100
78 9.4 6.8 10.2



#18
Methyl Acetate
Concen: 46.367 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.005 min
Lab File: VD076331.D
Acq: 06 Jun 2023 09:59

Tgt Ion: 43 Resp: 76165
Ion Ratio Lower Upper
43 100
74 34.0 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 51.461 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD076331.D

Acq: 06 Jun 2023 09:59

Instrument :

MSVOA_D

ClientSampleId :

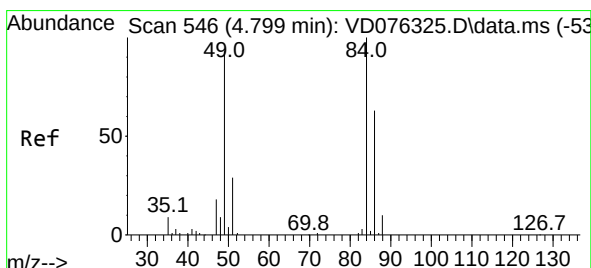
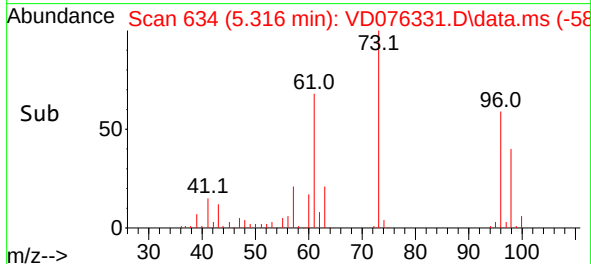
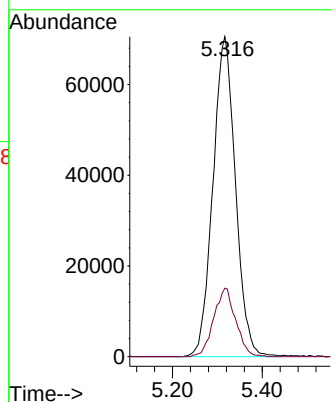
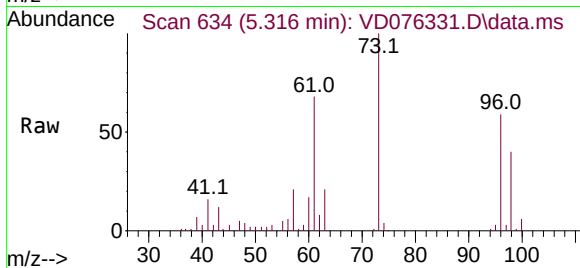
VSTDCCC050

Tgt Ion: 73 Resp: 246405

Ion Ratio Lower Upper

73 100

57 21.4 16.6 25.0



#20

Methylene Chloride

Concen: 46.894 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD076331.D

Acq: 06 Jun 2023 09:59

Tgt Ion: 84 Resp: 151034

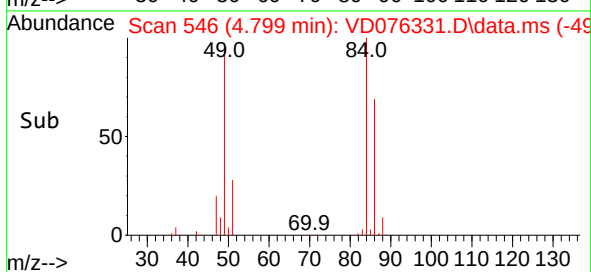
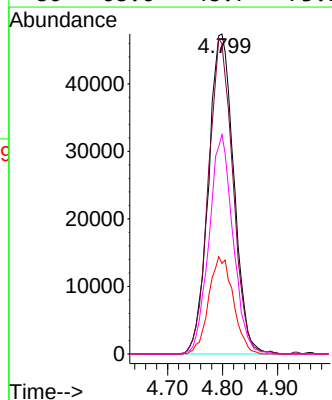
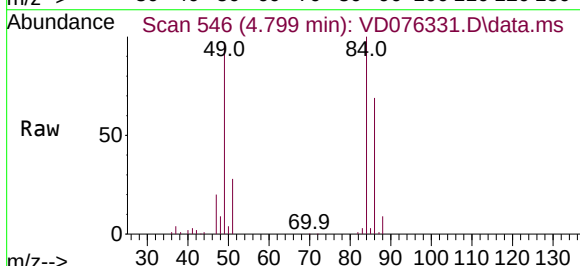
Ion Ratio Lower Upper

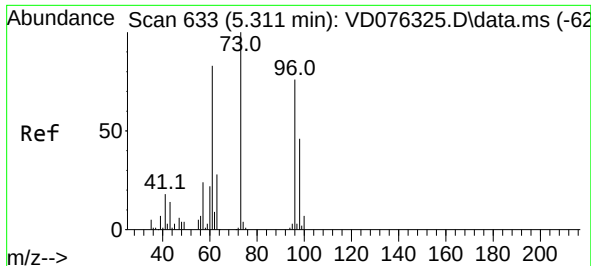
84 100

49 96.9 71.4 107.2

51 28.3 24.5 36.7

86 68.6 48.7 73.1

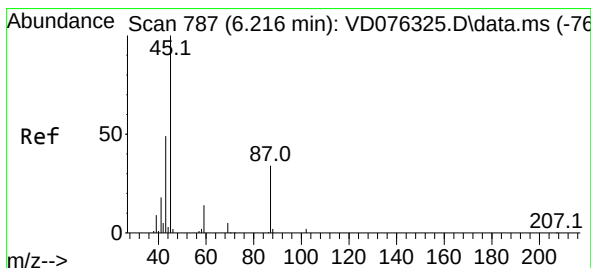
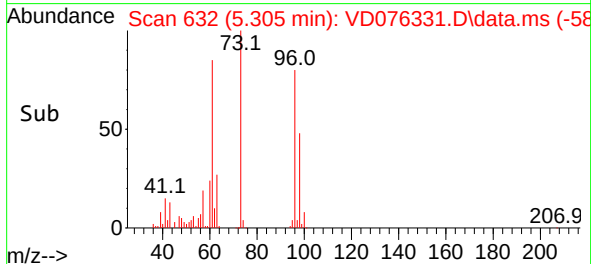
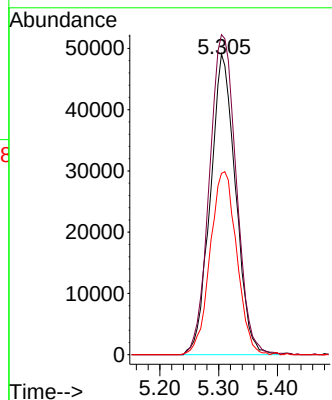
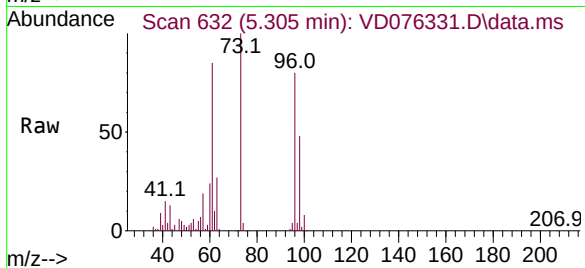




#21
trans-1,2-Dichloroethene
Concen: 48.560 ug/l
RT: 5.305 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD076331.D
Acq: 06 Jun 2023 09:59

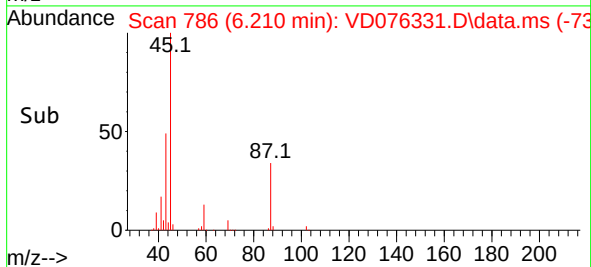
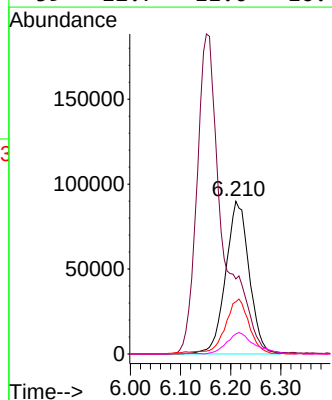
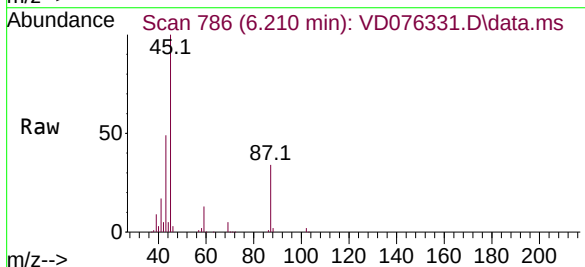
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

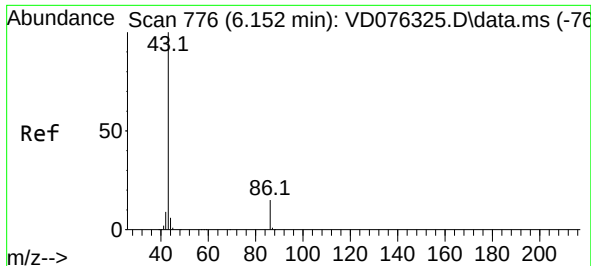
Tgt Ion: 96 Resp: 146241
Ion Ratio Lower Upper
96 100
61 106.4 89.3 133.9
98 60.3 48.6 73.0



#22
Diisopropyl ether
Concen: 51.523 ug/l
RT: 6.210 min Scan# 786
Delta R.T. -0.006 min
Lab File: VD076331.D
Acq: 06 Jun 2023 09:59

Tgt Ion: 45 Resp: 292610
Ion Ratio Lower Upper
45 100
43 48.5 40.0 60.0
87 33.9 28.2 42.4
59 12.7 11.0 16.4

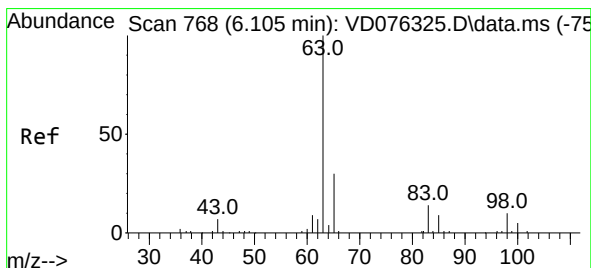
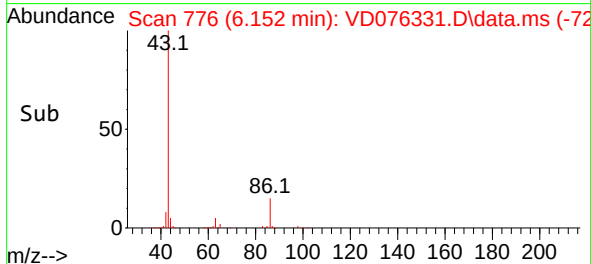
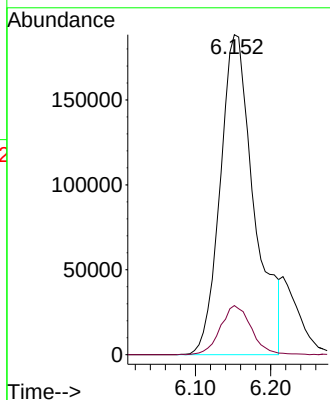
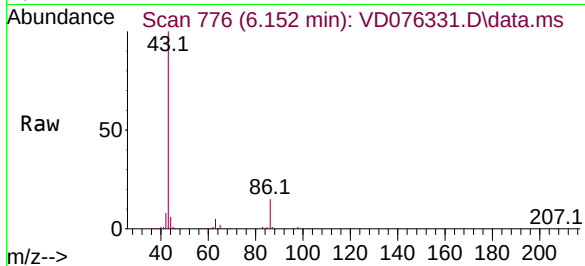




#23
 Vinyl Acetate
 Concen: 276.630 ug/l m
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD076331.D
 Acq: 06 Jun 2023 09:59

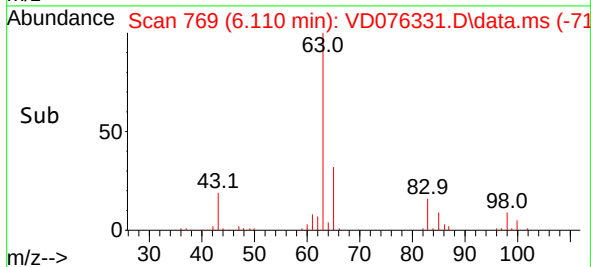
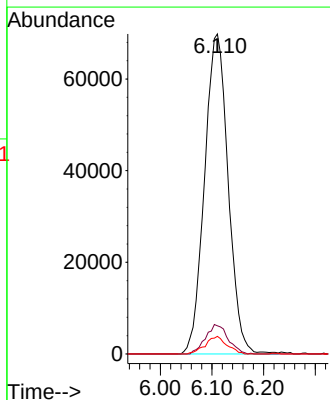
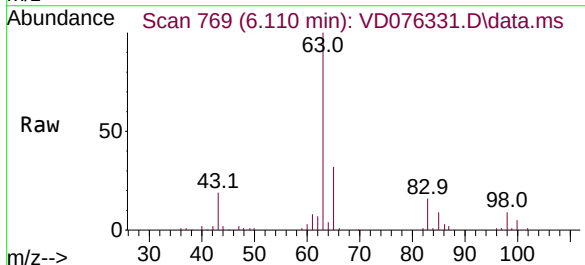
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

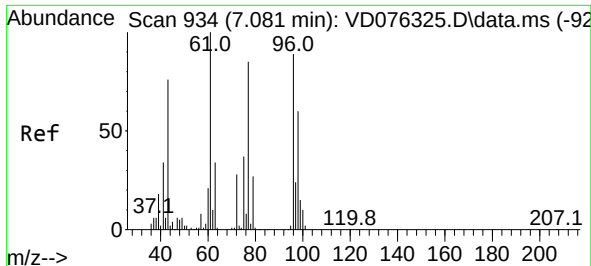
Tgt Ion: 43 Resp: 591094
 Ion Ratio Lower Upper
 43 100
 86 15.3 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 47.837 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.006 min
 Lab File: VD076331.D
 Acq: 06 Jun 2023 09:59

Tgt Ion: 63 Resp: 221878
 Ion Ratio Lower Upper
 63 100
 98 8.8 4.5 13.7
 100 5.5 2.5 7.5

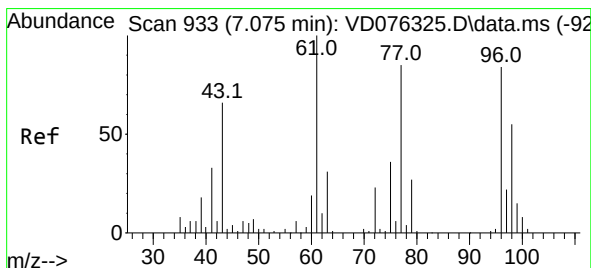
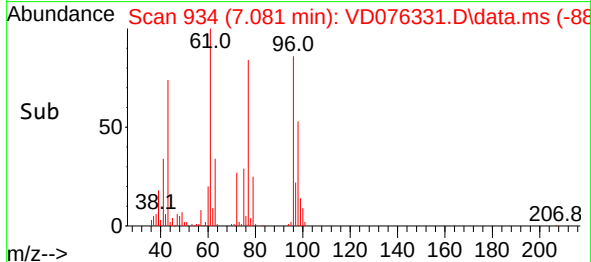
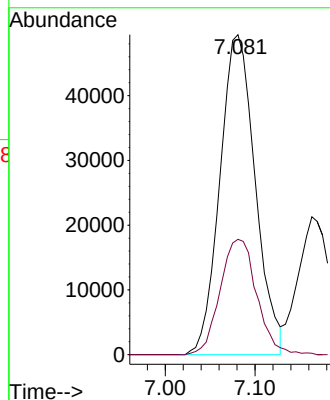
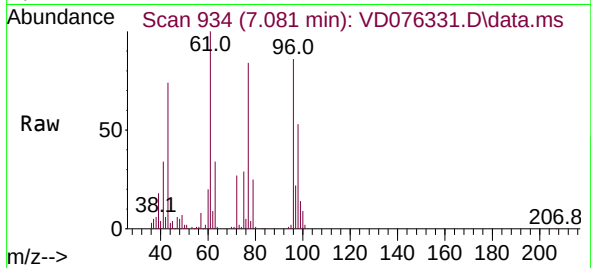




#25
2-Butanone
Concen: 252.312 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076331.D
Acq: 06 Jun 2023 09:59

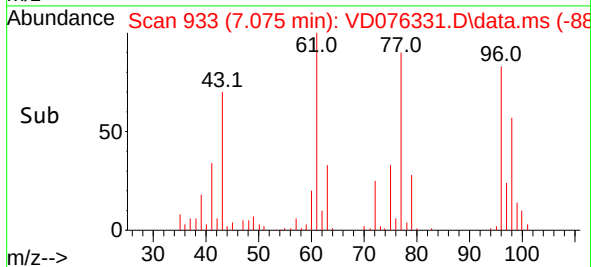
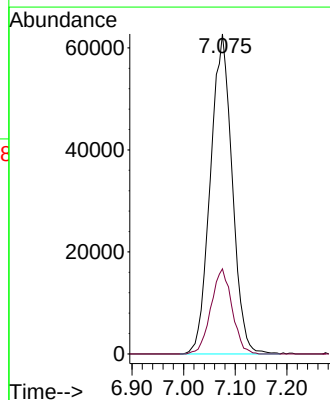
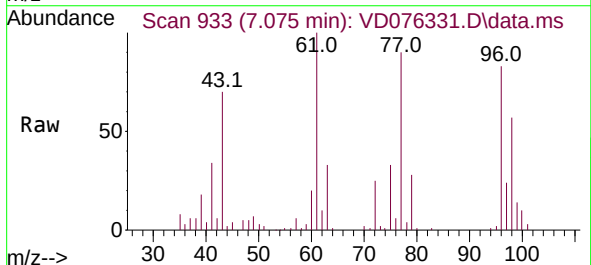
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

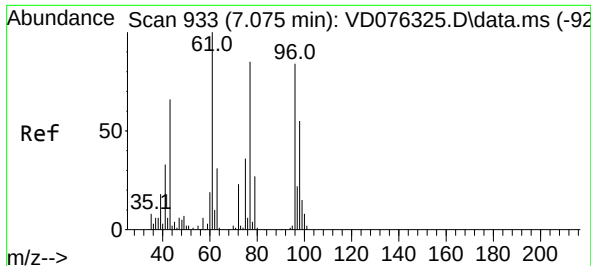
Tgt Ion: 43 Resp: 135334
Ion Ratio Lower Upper
43 100
72 36.1 30.7 46.1



#26
2,2-Dichloropropane
Concen: 47.874 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.000 min
Lab File: VD076331.D
Acq: 06 Jun 2023 09:59

Tgt Ion: 77 Resp: 183870
Ion Ratio Lower Upper
77 100
97 25.7 13.2 39.6



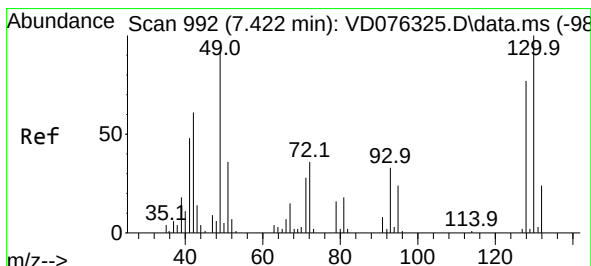
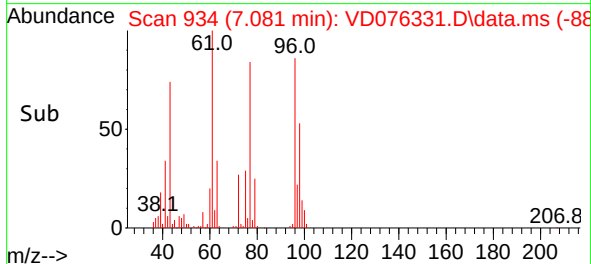
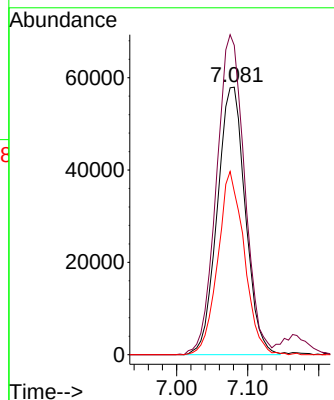
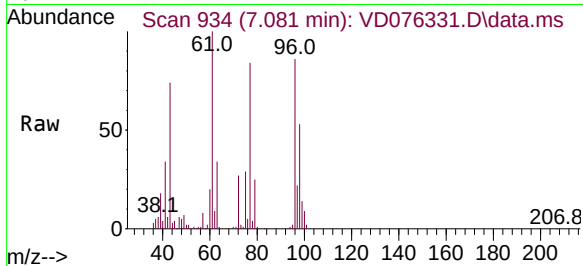


#27
 cis-1,2-Dichloroethene
 Concen: 48.768 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD076331.D
 Acq: 06 Jun 2023 09:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 158658

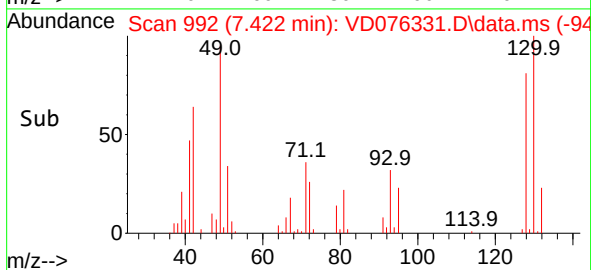
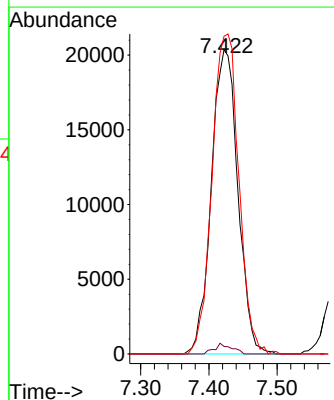
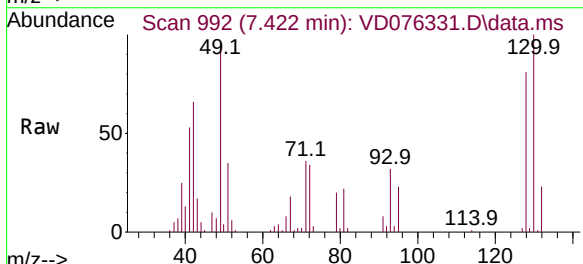
Ion	Ratio	Lower	Upper
96	100		
61	120.3	0.0	239.2
98	64.6	0.0	128.6

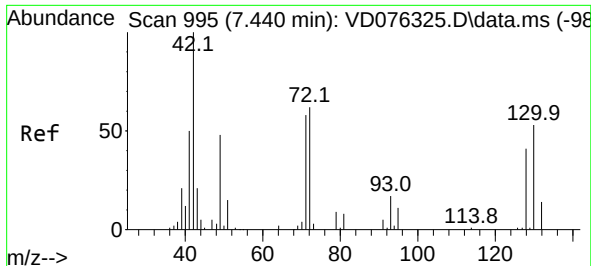


#28
 Bromochloromethane
 Concen: 47.979 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. 0.000 min
 Lab File: VD076331.D
 Acq: 06 Jun 2023 09:59

Tgt Ion: 49 Resp: 55214

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	6.0
130	106.1	83.2	124.8





#29

Tetrahydrofuran

Concen: 243.293 ug/l

RT: 7.440 min Scan# 995

Delta R.T. -0.000 min

Lab File: VD076331.D

Acq: 06 Jun 2023 09:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

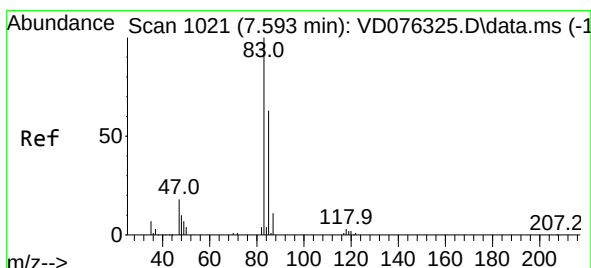
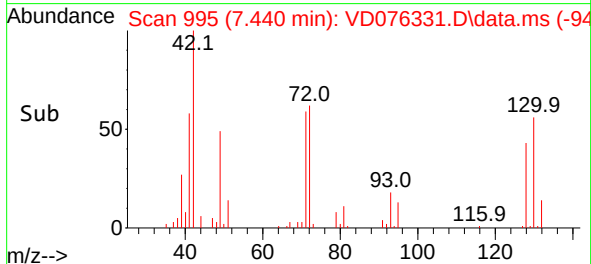
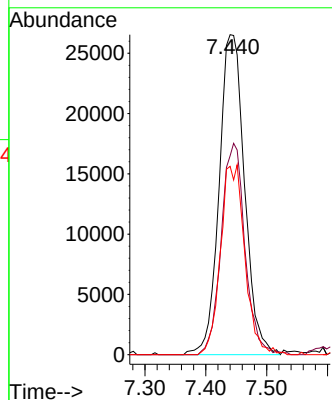
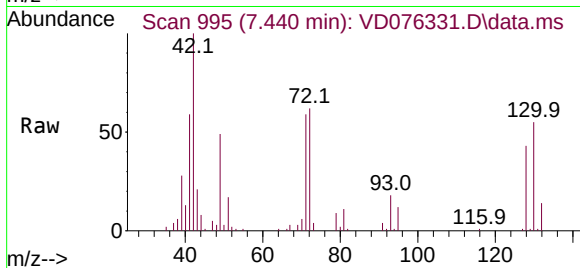
Tgt Ion: 42 Resp: 76989

Ion Ratio Lower Upper

42 100

72 61.8 46.5 69.7

71 56.8 44.5 66.7



#30

Chloroform

Concen: 47.864 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD076331.D

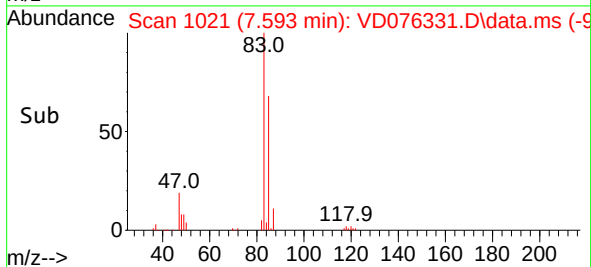
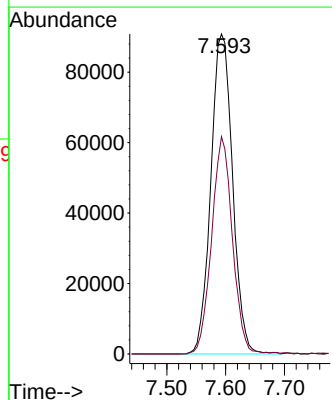
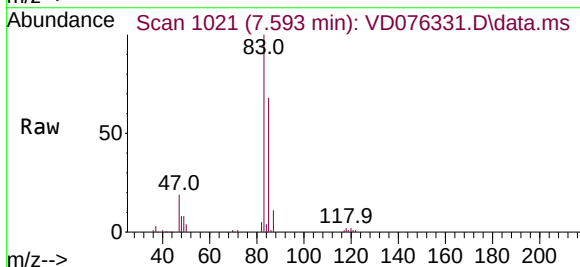
Acq: 06 Jun 2023 09:59

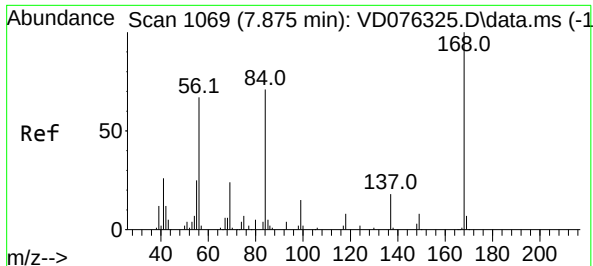
Tgt Ion: 83 Resp: 232994

Ion Ratio Lower Upper

83 100

85 67.9 53.4 80.2

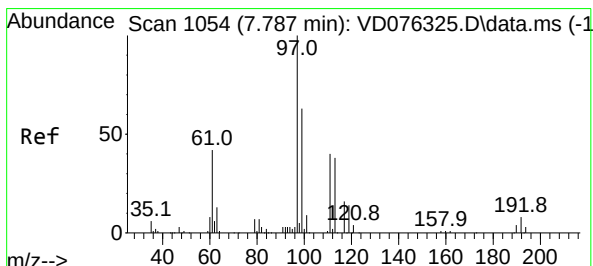
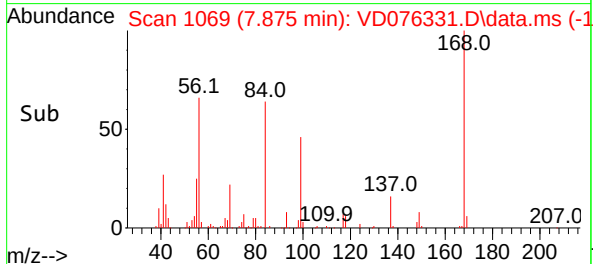
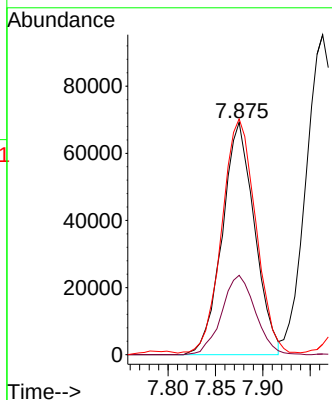
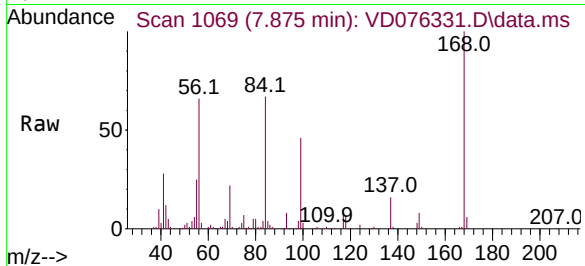




#31
Cyclohexane
Concen: 46.121 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076331.D
Acq: 06 Jun 2023 09:59

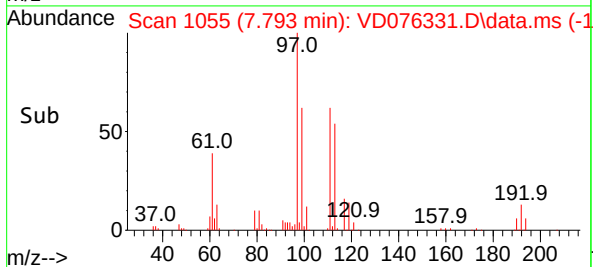
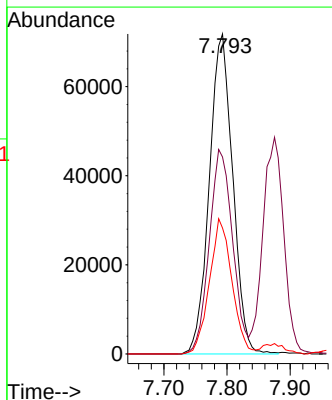
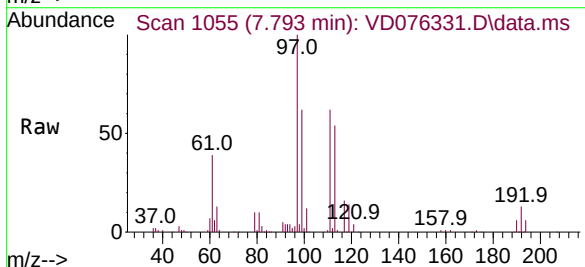
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

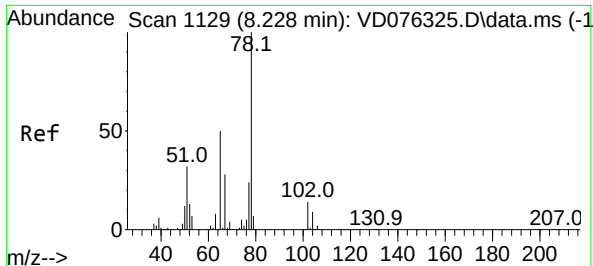
Tgt Ion: 56 Resp: 163760
Ion Ratio Lower Upper
56 100
69 34.2 28.6 43.0
84 100.8 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 47.730 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VD076331.D
Acq: 06 Jun 2023 09:59

Tgt Ion: 97 Resp: 185019
Ion Ratio Lower Upper
97 100
99 63.8 52.0 78.0
61 40.6 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 47.664 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076331.D

Acq: 06 Jun 2023 09:59

Instrument :

MSVOA_D

ClientSampleId :

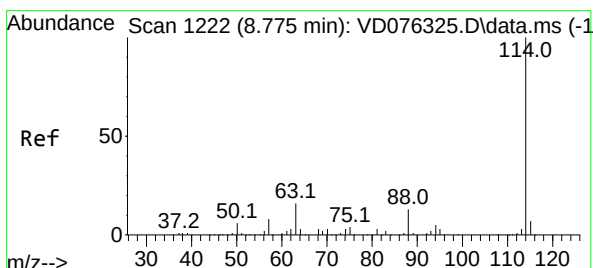
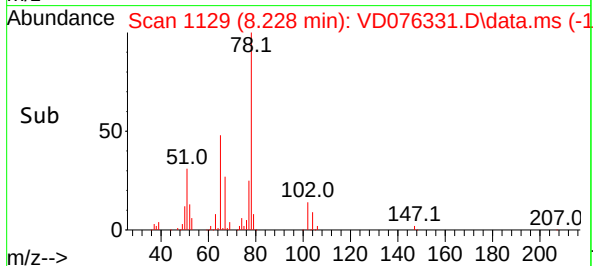
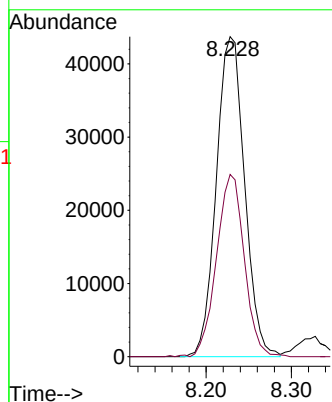
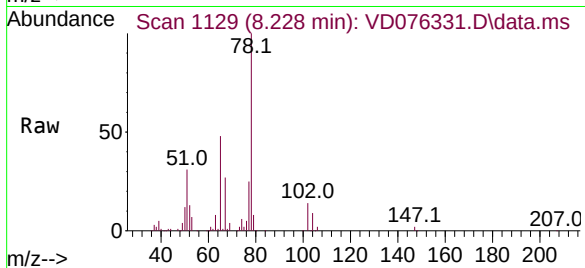
VSTDCCC050

Tgt Ion: 65 Resp: 100801

Ion Ratio Lower Upper

65 100

67 55.9 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: VD076331.D

Acq: 06 Jun 2023 09:59

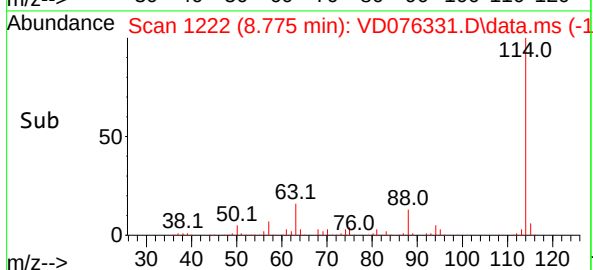
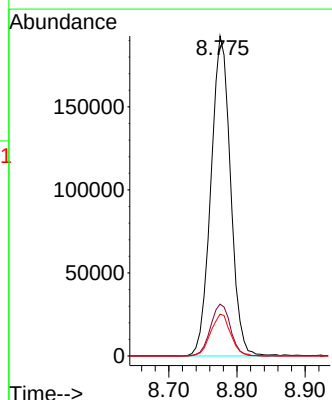
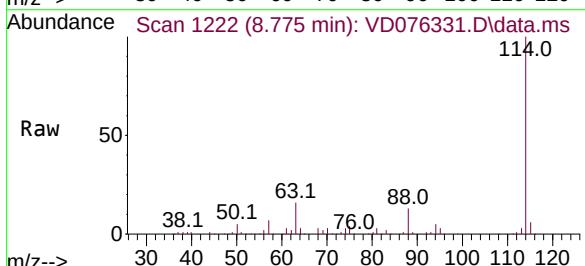
Tgt Ion: 114 Resp: 386157

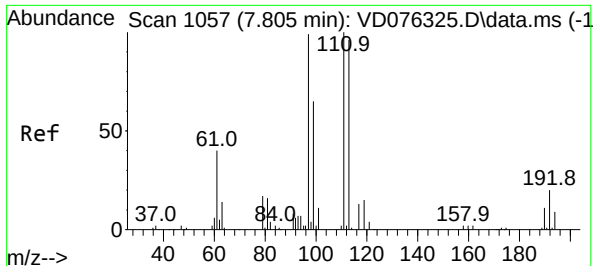
Ion Ratio Lower Upper

114 100

63 16.2 0.0 33.4

88 13.1 0.0 26.2





#35

Dibromofluoromethane

Concen: 49.881 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076331.D

Acq: 06 Jun 2023 09:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

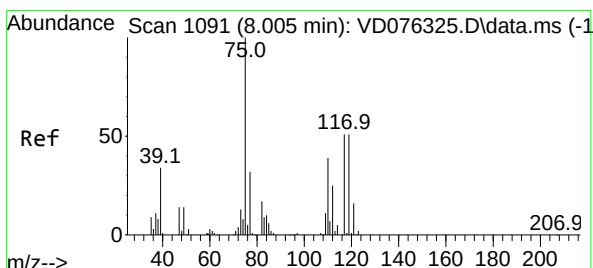
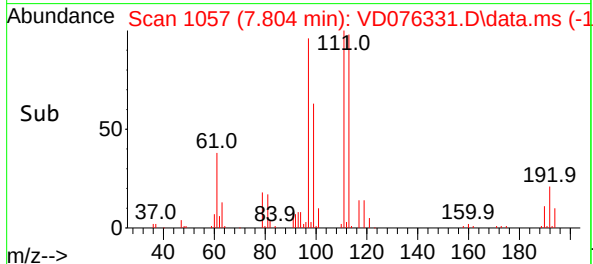
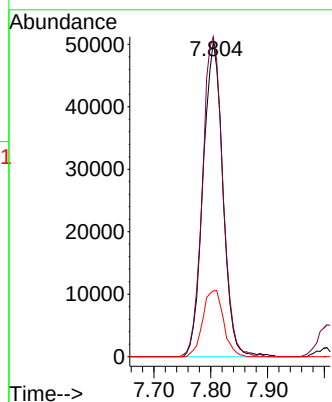
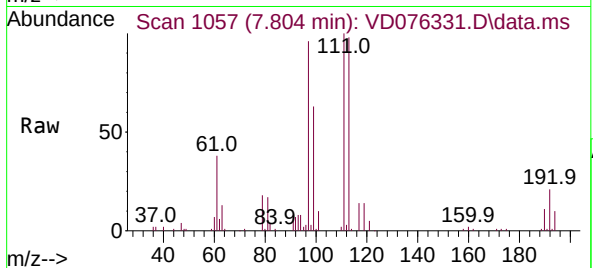
Tgt Ion:113 Resp: 122301

Ion Ratio Lower Upper

113 100

111 103.8 84.7 127.1

192 22.0 16.8 25.2



#36

1,1-Dichloropropene

Concen: 49.198 ug/l

RT: 8.004 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VD076331.D

Acq: 06 Jun 2023 09:59

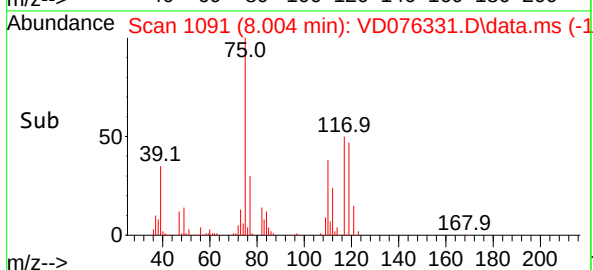
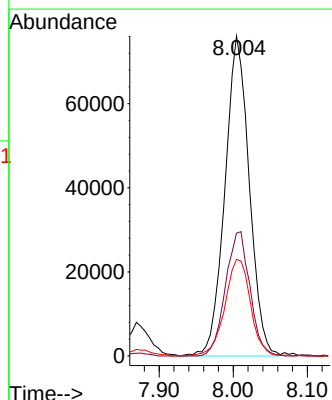
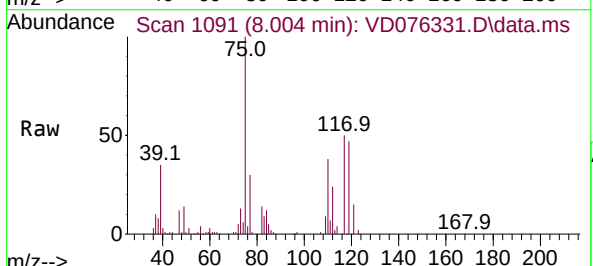
Tgt Ion: 75 Resp: 173310

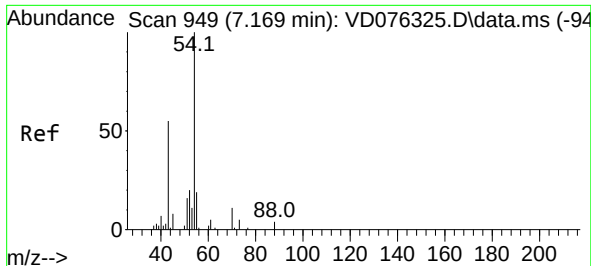
Ion Ratio Lower Upper

75 100

110 39.0 19.9 59.6

77 31.9 24.7 37.1





#37

Ethyl Acetate

Concen: 48.709 ug/l

RT: 7.163 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD076331.D

Acq: 06 Jun 2023 09:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

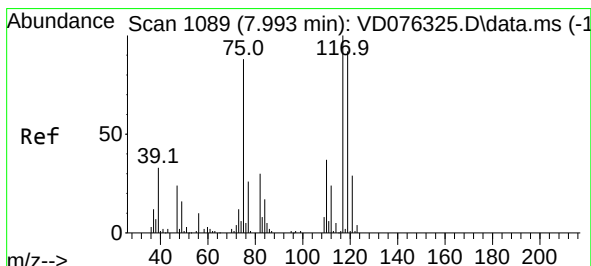
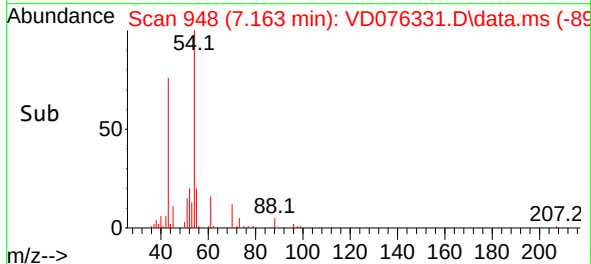
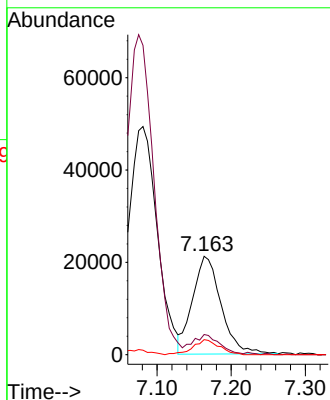
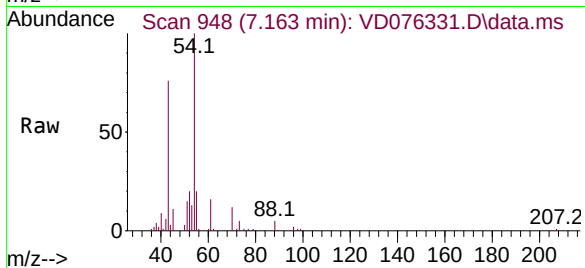
Tgt Ion: 43 Resp: 56609

Ion Ratio Lower Upper

43 100

61 18.2 14.9 22.3

70 14.1 10.0 15.0



#38

Carbon Tetrachloride

Concen: 48.019 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD076331.D

Acq: 06 Jun 2023 09:59

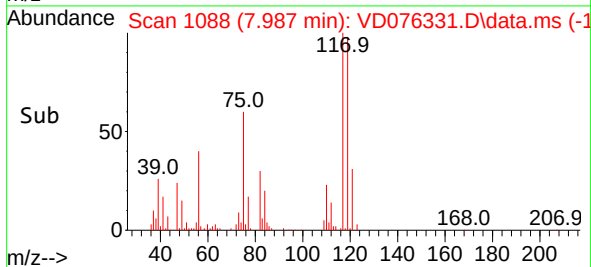
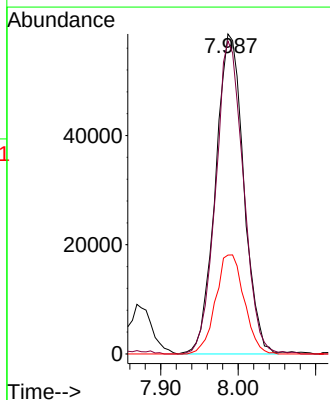
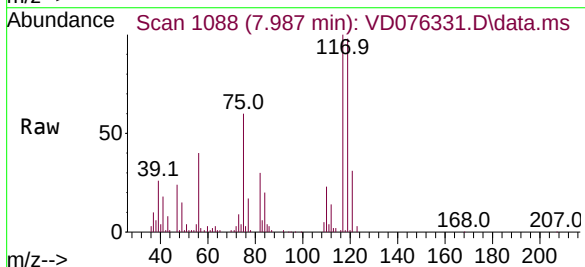
Tgt Ion: 117 Resp: 148283

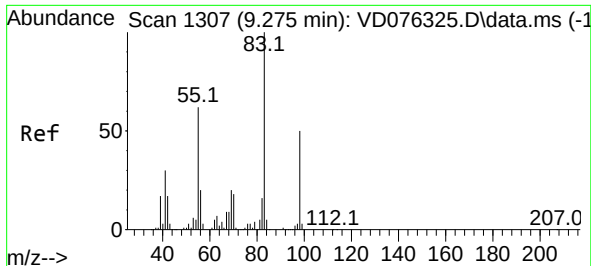
Ion Ratio Lower Upper

117 100

119 97.8 78.0 117.0

121 30.9 24.2 36.2





#39

Methylcyclohexane

Concen: 49.891 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD076331.D

Acq: 06 Jun 2023 09:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

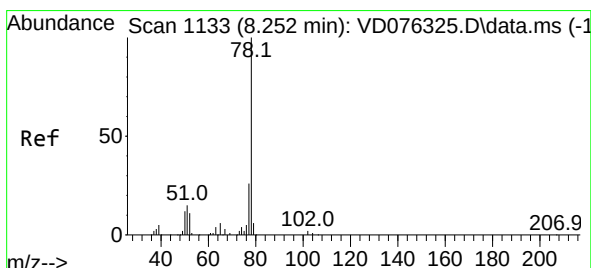
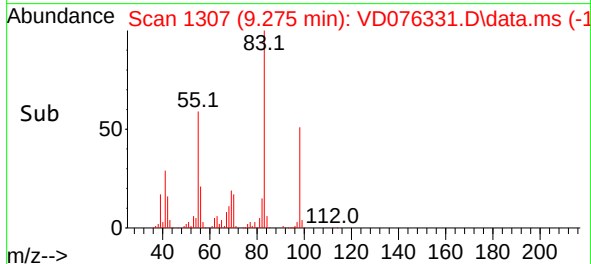
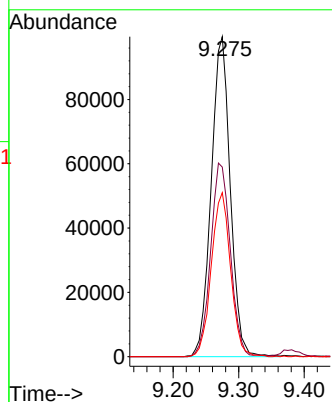
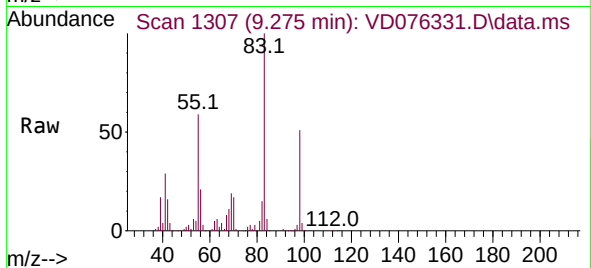
Tgt Ion: 83 Resp: 200811

Ion Ratio Lower Upper

83 100

55 59.2 49.4 74.0

98 51.2 38.4 57.6



#40

Benzene

Concen: 49.427 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD076331.D

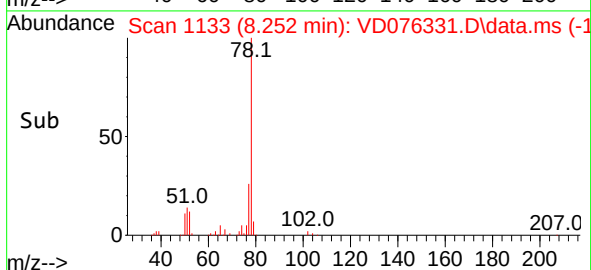
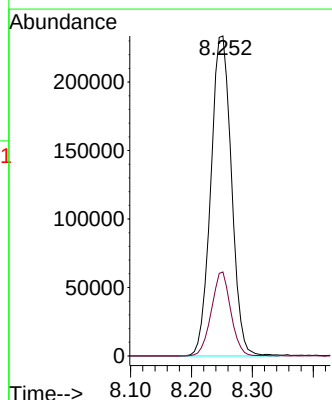
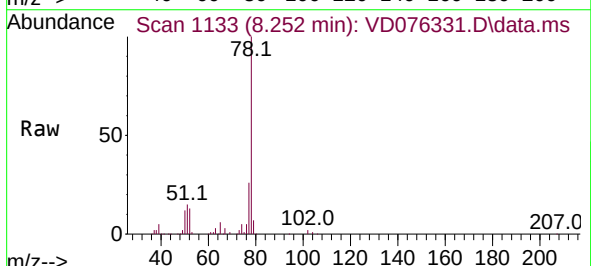
Acq: 06 Jun 2023 09:59

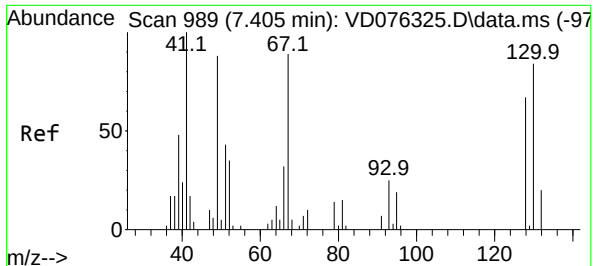
Tgt Ion: 78 Resp: 550782

Ion Ratio Lower Upper

78 100

77 26.2 19.4 29.0



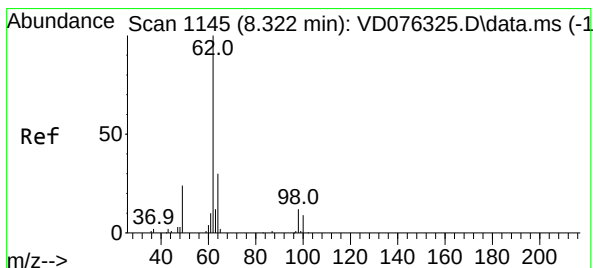
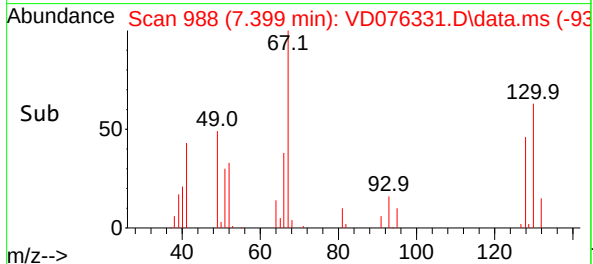
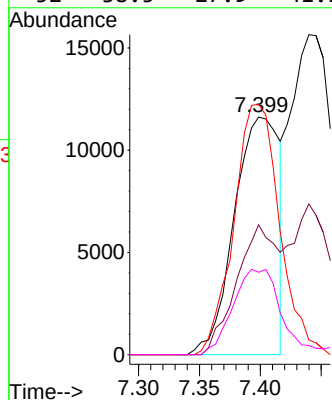
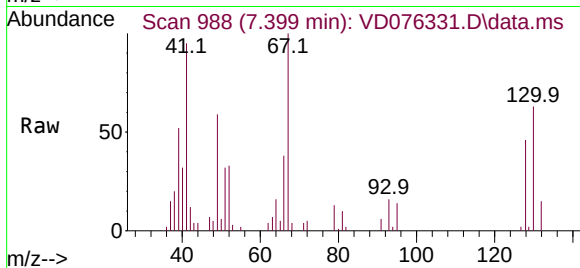


#41
Methacrylonitrile
Concen: 50.613 ug/l
RT: 7.399 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD076331.D
Acq: 06 Jun 2023 09:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 29969

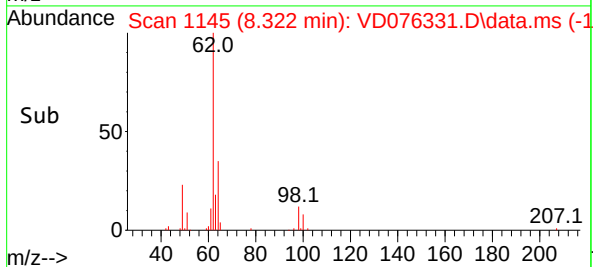
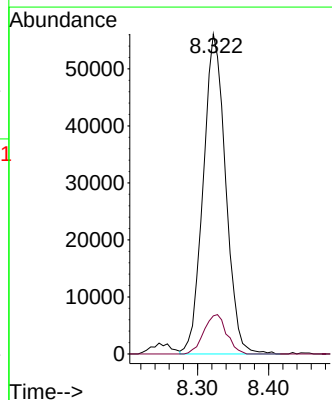
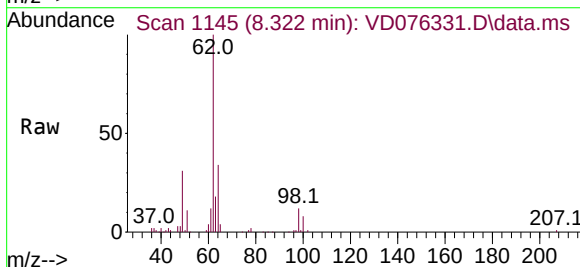
Ion	Ratio	Lower	Upper
41	100		
39	49.7	34.0	51.0
67	107.0	77.0	115.4
52	38.5	27.9	41.9

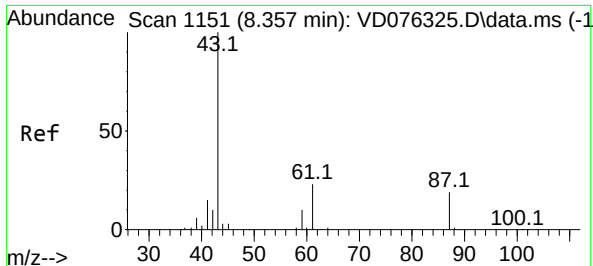


#42
1,2-Dichloroethane
Concen: 47.875 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VD076331.D
Acq: 06 Jun 2023 09:59

Tgt Ion: 62 Resp: 123213

Ion	Ratio	Lower	Upper
62	100		
98	12.5	0.0	25.4

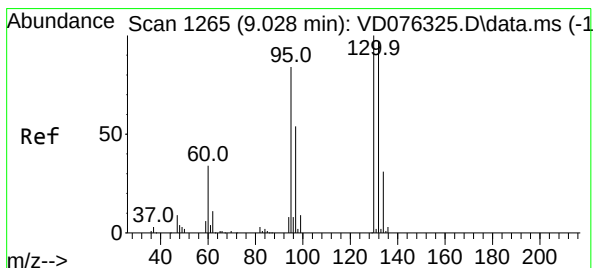
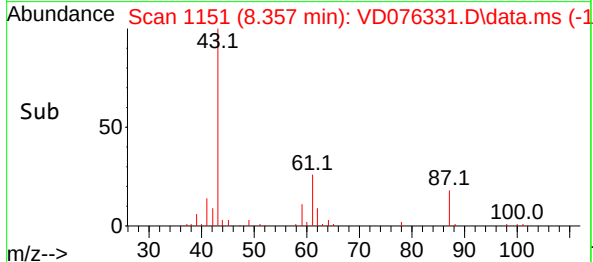
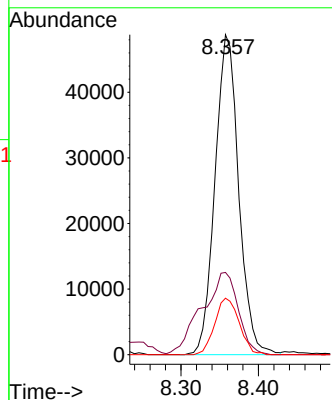
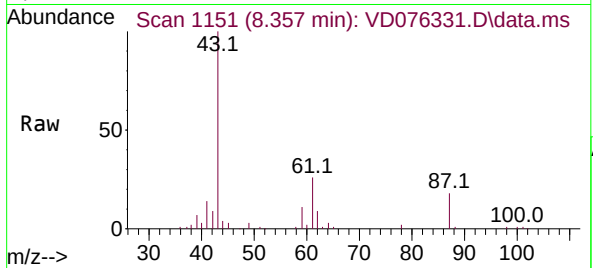




#43
Isopropyl Acetate
Concen: 49.930 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.000 min
Lab File: VD076331.D
Acq: 06 Jun 2023 09:59

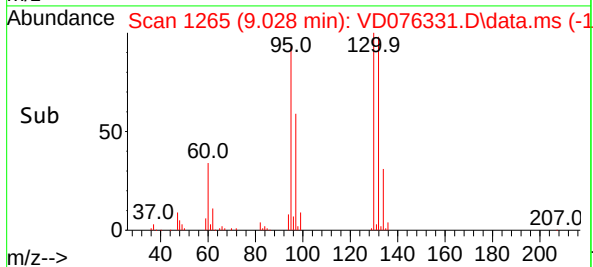
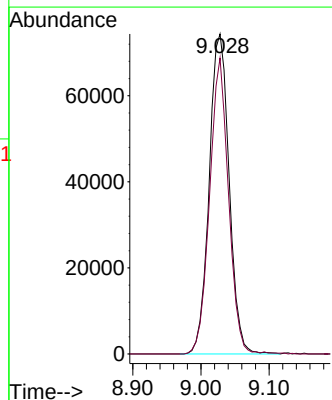
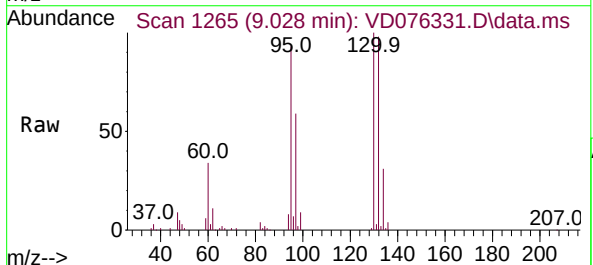
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

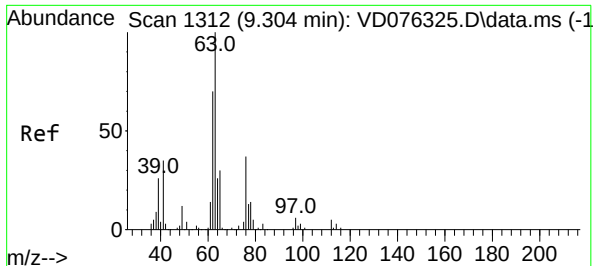
Tgt Ion: 43 Resp: 103998
Ion Ratio Lower Upper
43 100
61 39.3 31.4 47.0
87 18.2 14.9 22.3



#44
Trichloroethene
Concen: 48.572 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD076331.D
Acq: 06 Jun 2023 09:59

Tgt Ion: 130 Resp: 151341
Ion Ratio Lower Upper
130 100
95 92.5 0.0 179.2





#45

1,2-Dichloropropane

Concen: 48.834 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD076331.D

Acq: 06 Jun 2023 09:59

Instrument :

MSVOA_D

ClientSampleId :

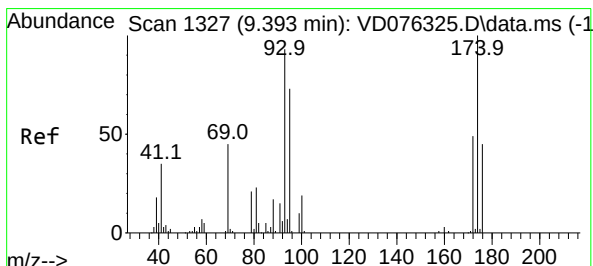
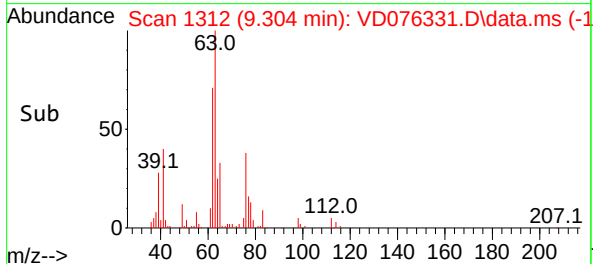
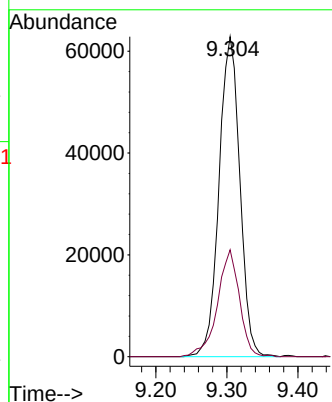
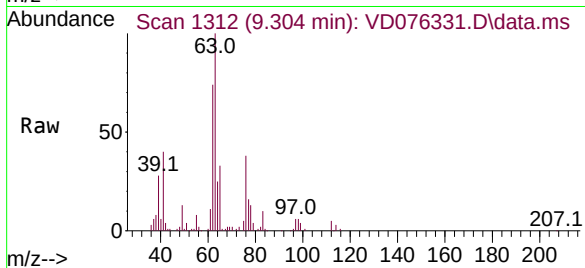
VSTDCCC050

Tgt Ion: 63 Resp: 127715

Ion Ratio Lower Upper

63 100

65 33.4 24.5 36.7



#46

Dibromomethane

Concen: 48.428 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD076331.D

Acq: 06 Jun 2023 09:59

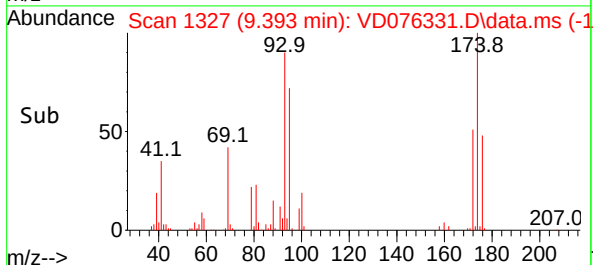
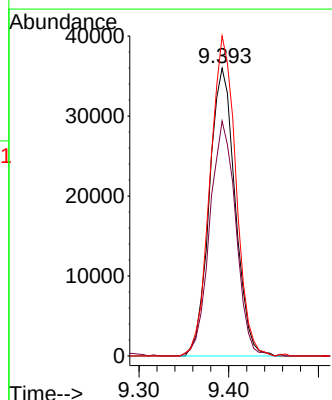
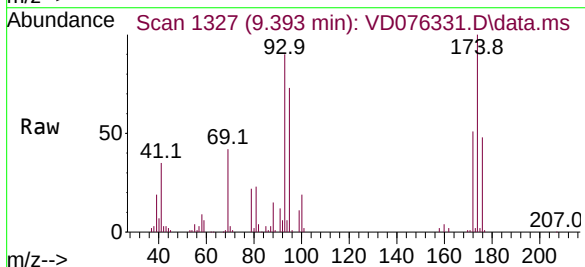
Tgt Ion: 93 Resp: 71693

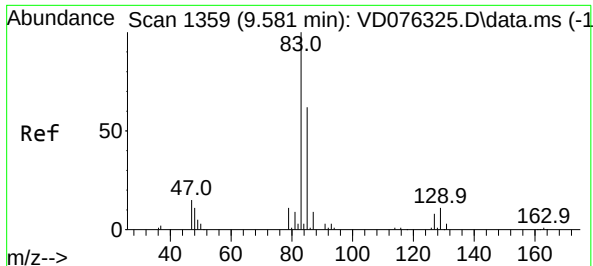
Ion Ratio Lower Upper

93 100

95 82.3 67.7 101.5

174 111.3 85.4 128.2

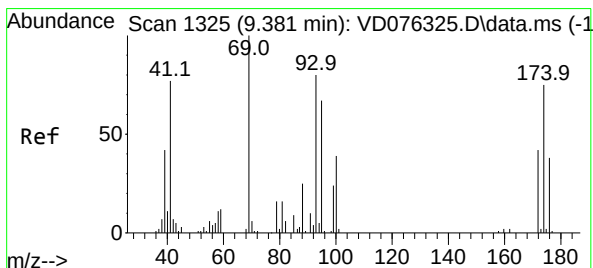
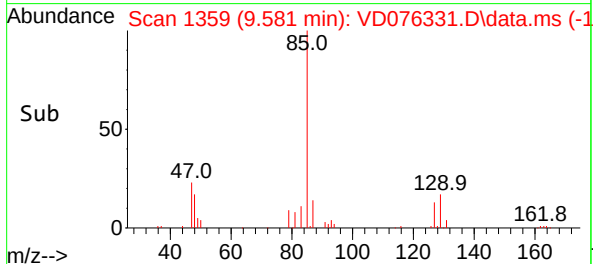
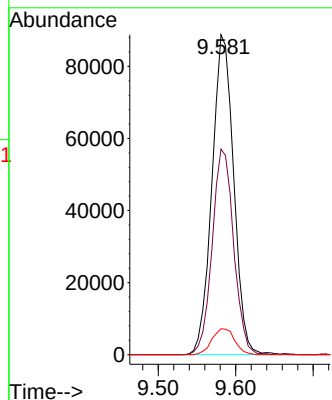
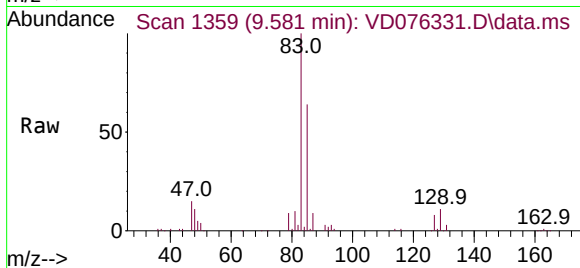




#47
Bromodichloromethane
Concen: 49.752 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VD076331.D
Acq: 06 Jun 2023 09:59

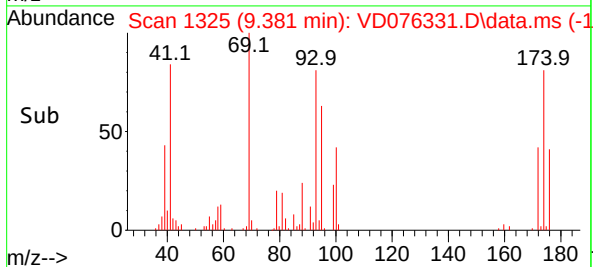
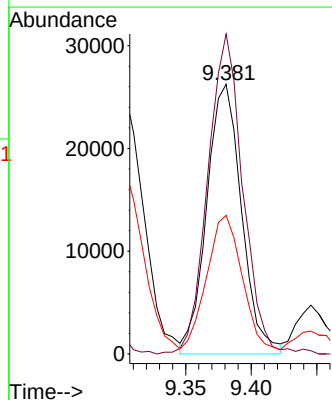
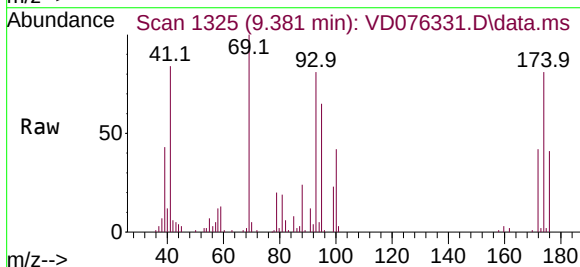
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

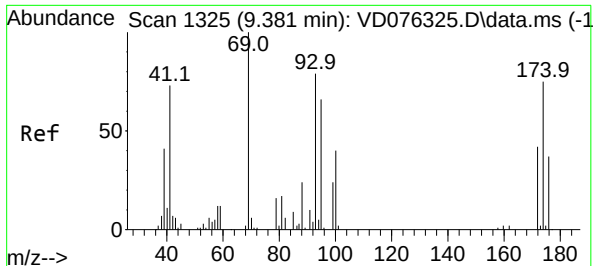
Tgt Ion: 83 Resp: 172664
Ion Ratio Lower Upper
83 100
85 64.2 50.2 75.4
127 8.1 6.3 9.5



#48
Methyl methacrylate
Concen: 51.424 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD076331.D
Acq: 06 Jun 2023 09:59

Tgt Ion: 41 Resp: 48523
Ion Ratio Lower Upper
41 100
69 119.2 102.2 153.2
39 53.6 41.4 62.2





#49

1,4-Dioxane

Concen: 975.247 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD076331.D

Acq: 06 Jun 2023 09:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

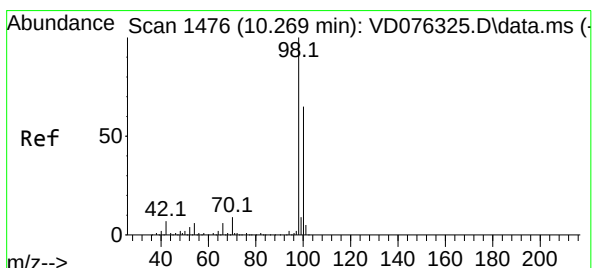
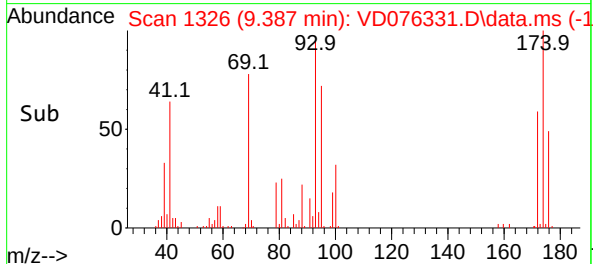
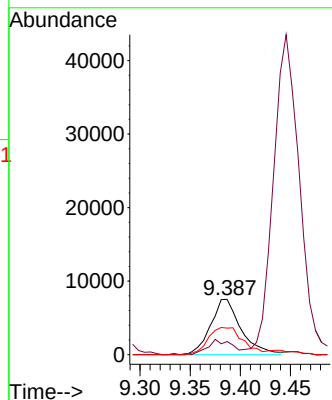
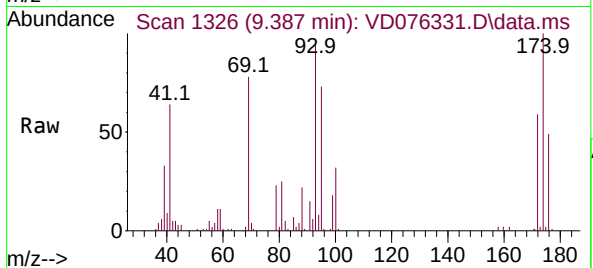
Tgt Ion: 88 Resp: 15824

Ion Ratio Lower Upper

88 100

43 21.5 19.0 28.6

58 56.9 43.5 65.3



#50

Toluene-d8

Concen: 51.599 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD076331.D

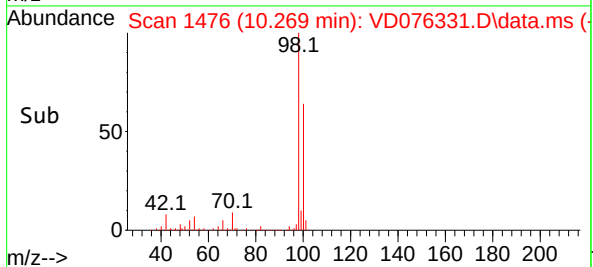
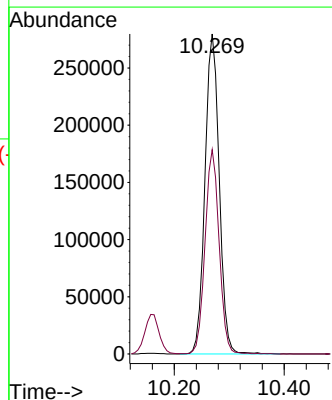
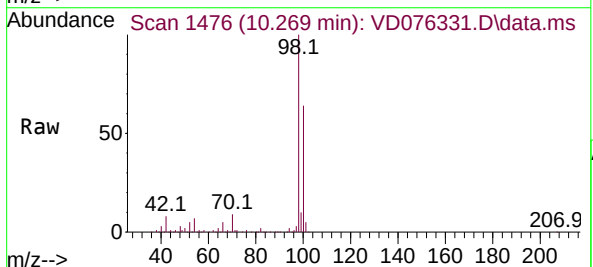
Acq: 06 Jun 2023 09:59

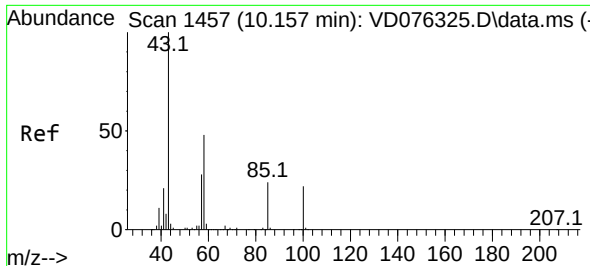
Tgt Ion: 98 Resp: 503705

Ion Ratio Lower Upper

98 100

100 62.7 50.3 75.5

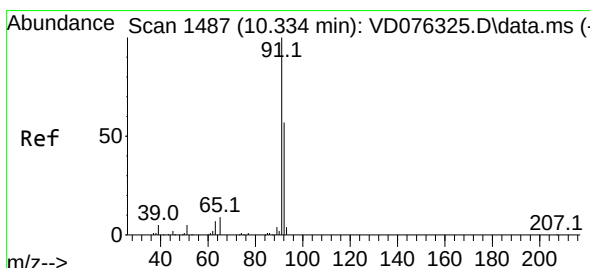
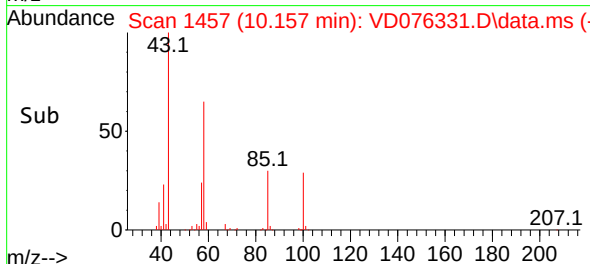
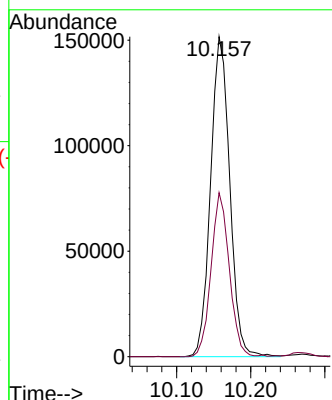
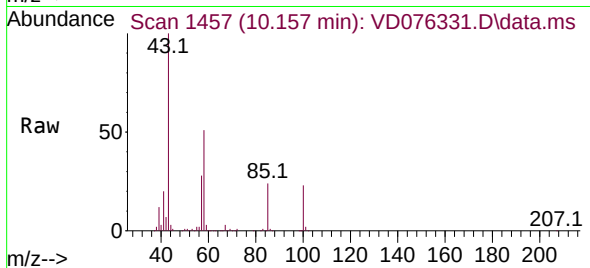




#51
4-Methyl-2-Pentanone
Concen: 248.089 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD076331.D
Acq: 06 Jun 2023 09:59

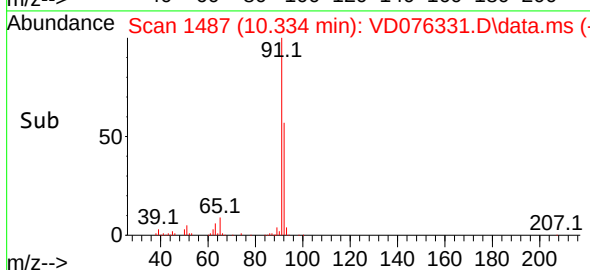
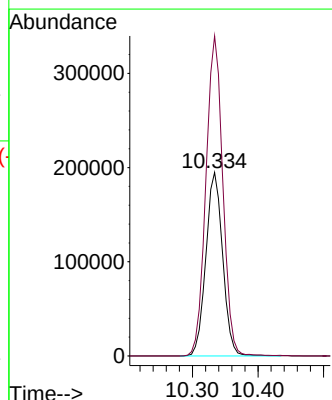
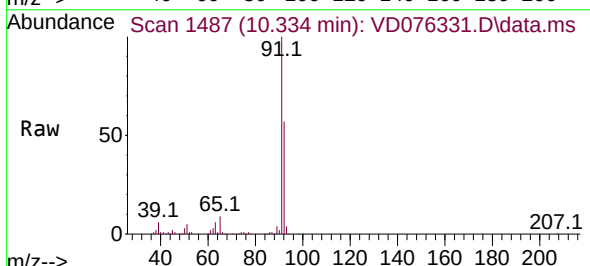
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

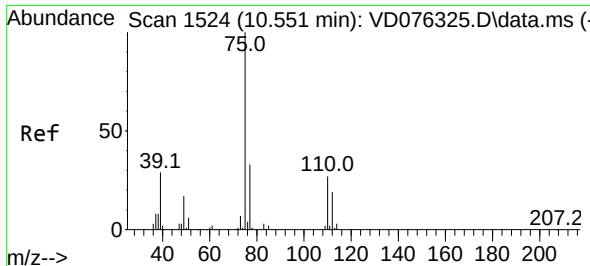
Tgt Ion: 43 Resp: 272375
Ion Ratio Lower Upper
43 100
58 48.7 38.9 58.3



#52
Toluene
Concen: 50.704 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076331.D
Acq: 06 Jun 2023 09:59

Tgt Ion: 92 Resp: 347460
Ion Ratio Lower Upper
92 100
91 175.5 143.0 214.4

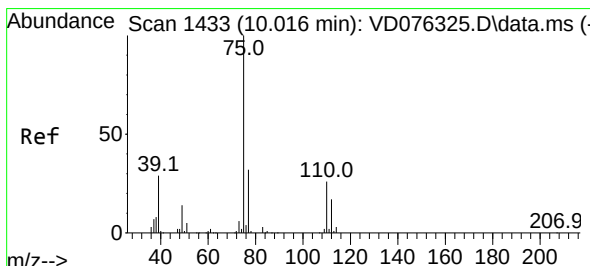
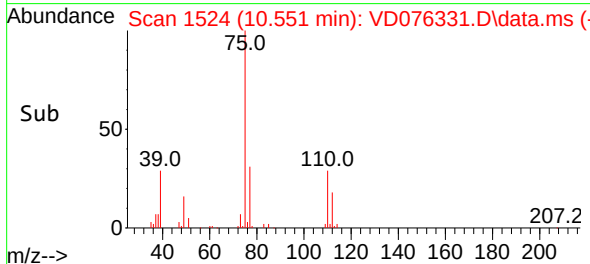
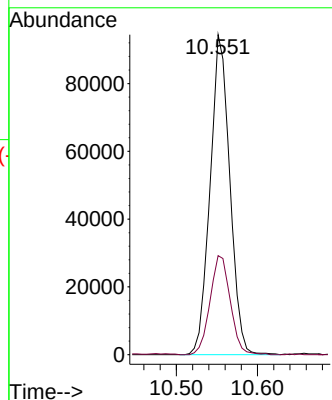
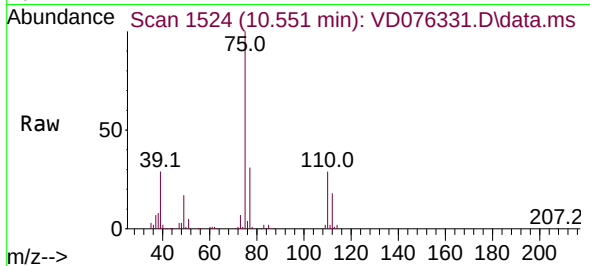




#53
 t-1,3-Dichloropropene
 Concen: 49.375 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VD076331.D
 Acq: 06 Jun 2023 09:59

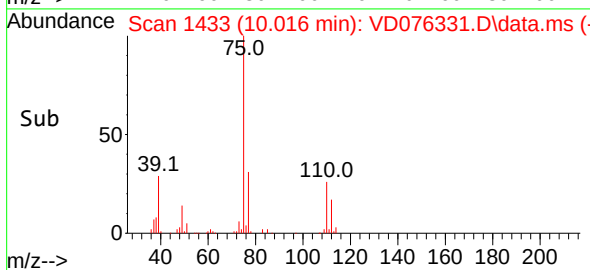
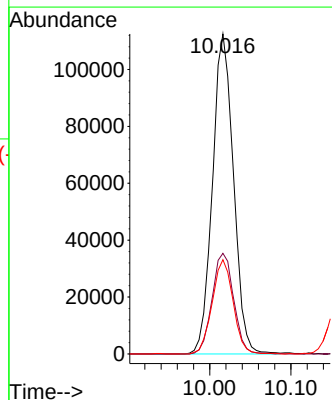
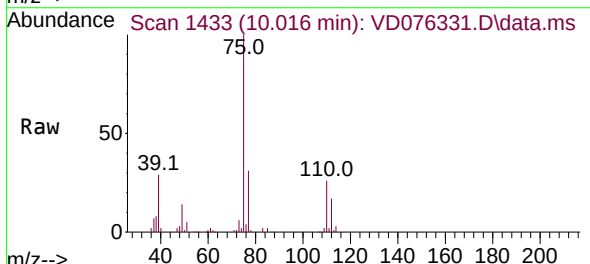
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

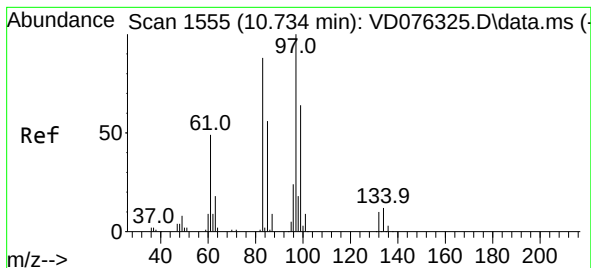
Tgt Ion: 75 Resp: 159027
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 50.814 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD076331.D
 Acq: 06 Jun 2023 09:59

Tgt Ion: 75 Resp: 202249
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.5 38.3
 39 29.5 22.1 33.1





#55

1,1,2-Trichloroethane

Concen: 48.507 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD076331.D

Acq: 06 Jun 2023 09:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 101678

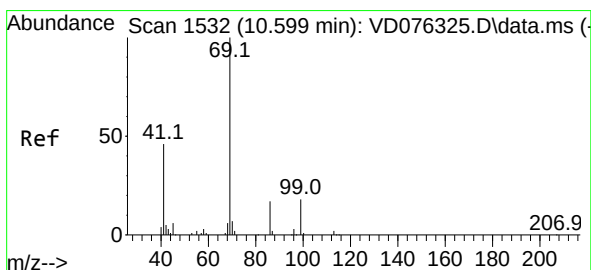
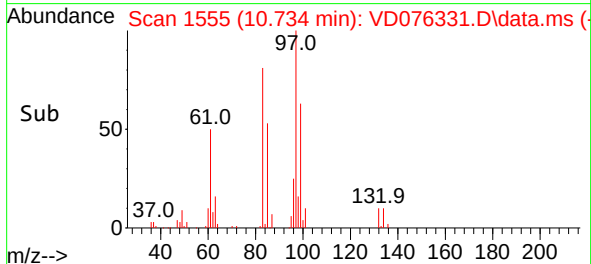
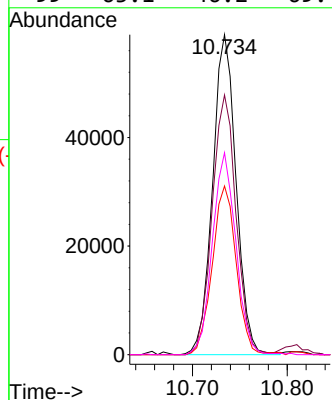
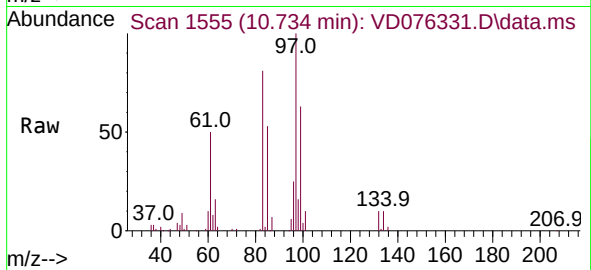
Ion Ratio Lower Upper

97 100

83 81.2 65.8 98.6

85 52.7 45.7 68.5

99 63.1 46.2 69.4



#56

Ethyl methacrylate

Concen: 51.910 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. -0.000 min

Lab File: VD076331.D

Acq: 06 Jun 2023 09:59

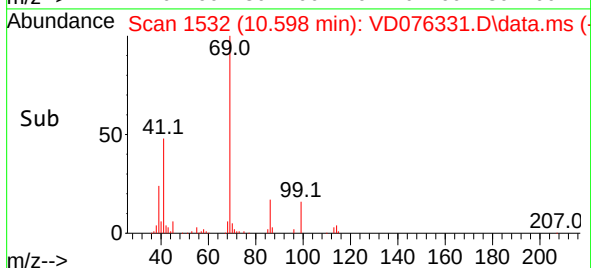
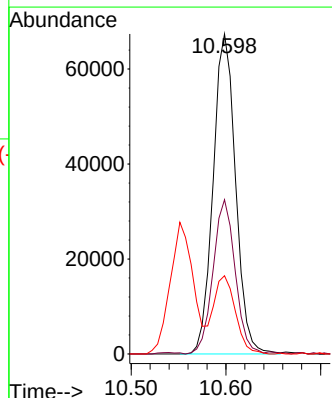
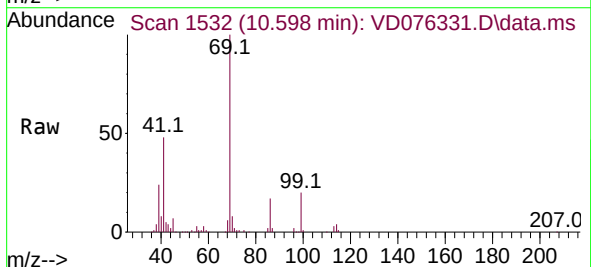
Tgt Ion: 69 Resp: 110978

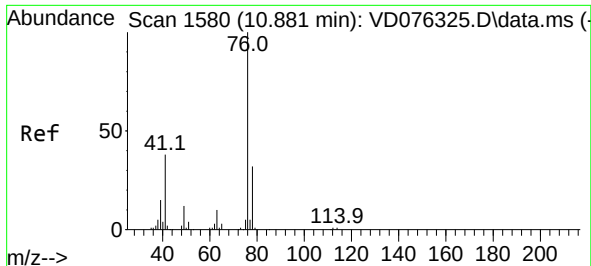
Ion Ratio Lower Upper

69 100

41 47.9 39.1 58.7

39 24.7 20.0 30.0





#57

1,3-Dichloropropane

Concen: 48.904 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD076331.D

Acq: 06 Jun 2023 09:59

Instrument :

MSVOA_D

ClientSampleId :

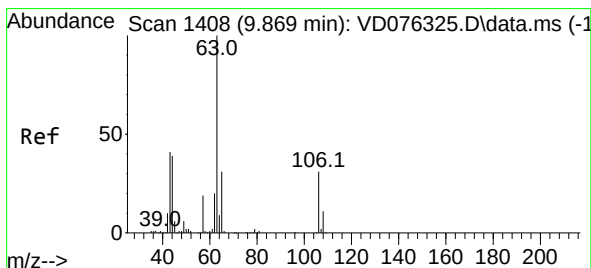
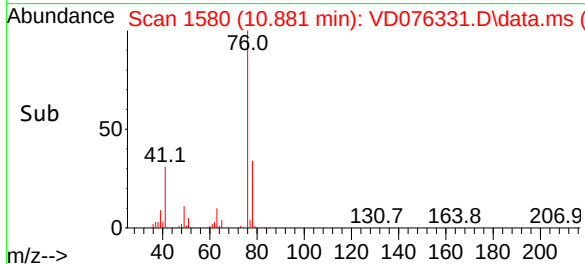
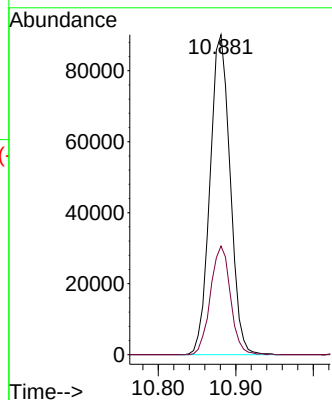
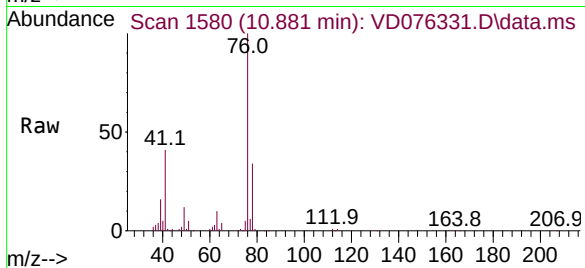
VSTDCCC050

Tgt Ion: 76 Resp: 162815

Ion Ratio Lower Upper

76 100

78 33.7 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 250.754 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD076331.D

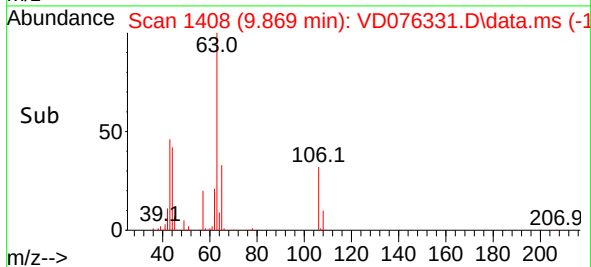
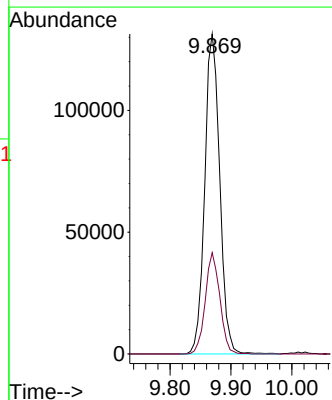
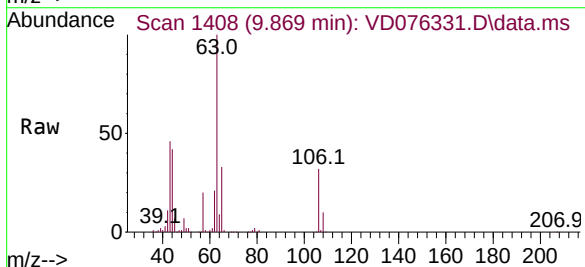
Acq: 06 Jun 2023 09:59

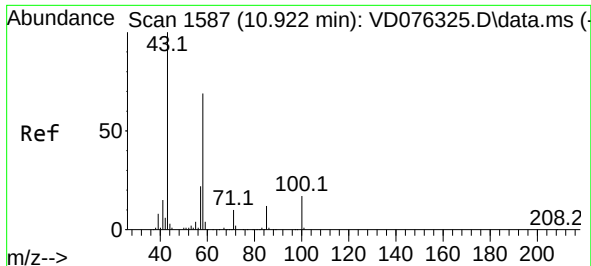
Tgt Ion: 63 Resp: 225083

Ion Ratio Lower Upper

63 100

106 30.7 25.3 37.9

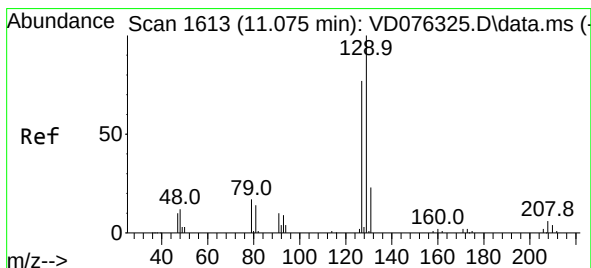
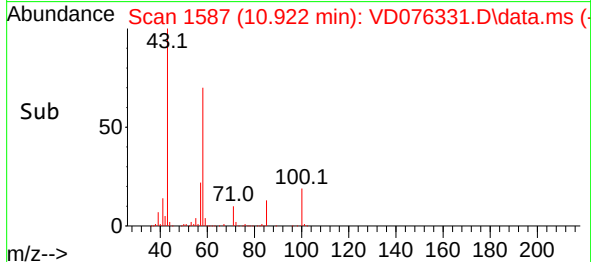
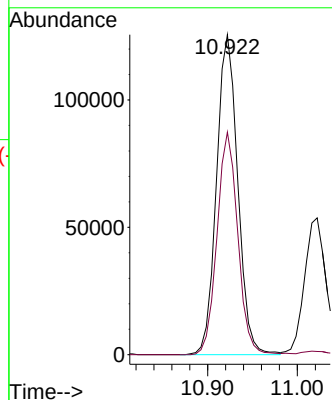
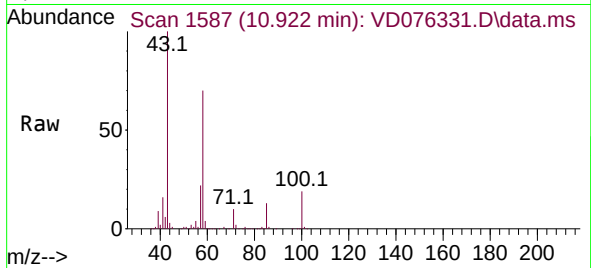




#59
2-Hexanone
Concen: 274.161 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD076331.D
Acq: 06 Jun 2023 09:59

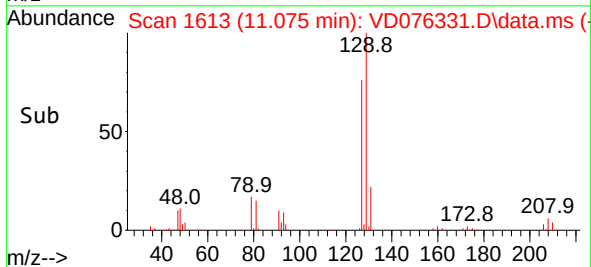
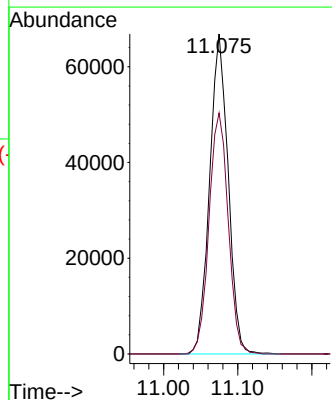
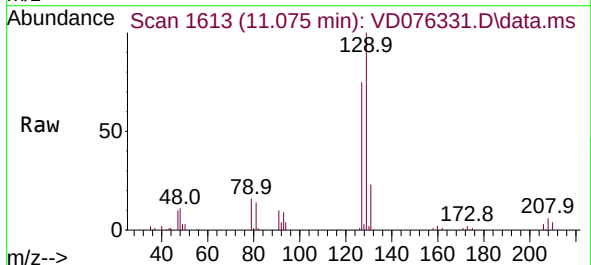
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

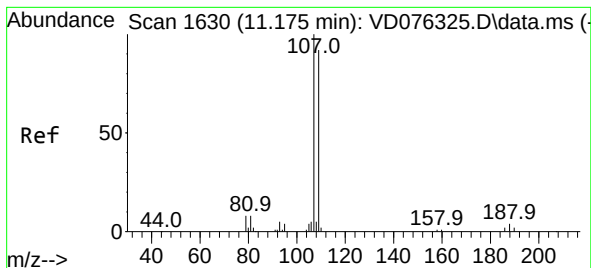
Tgt Ion: 43 Resp: 206518
Ion Ratio Lower Upper
43 100
58 68.0 34.1 102.2



#60
Dibromochloromethane
Concen: 48.831 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076331.D
Acq: 06 Jun 2023 09:59

Tgt Ion:129 Resp: 116030
Ion Ratio Lower Upper
129 100
127 78.0 37.1 111.5

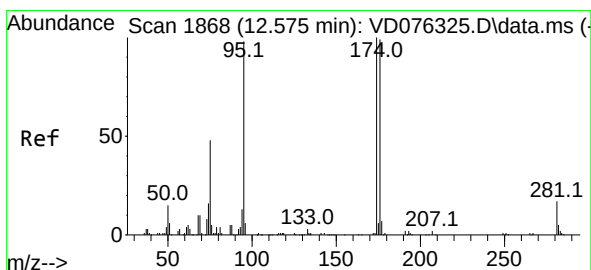
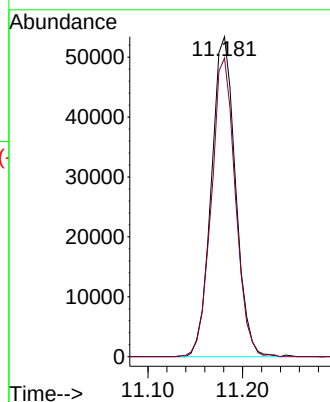
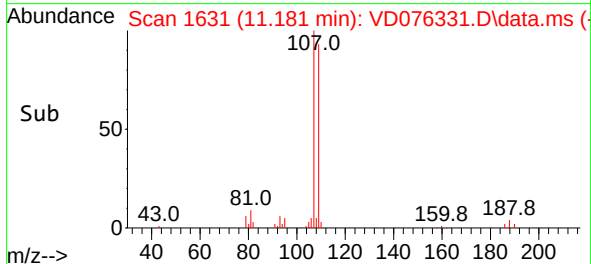
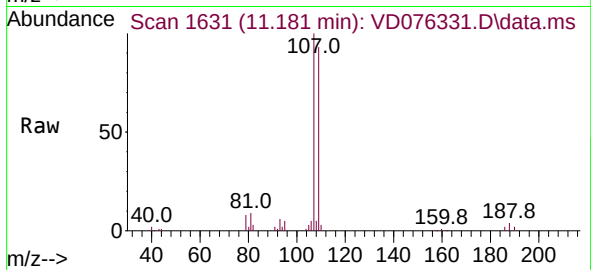




#61
1,2-Dibromoethane
Concen: 49.551 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.006 min
Lab File: VD076331.D
Acq: 06 Jun 2023 09:59

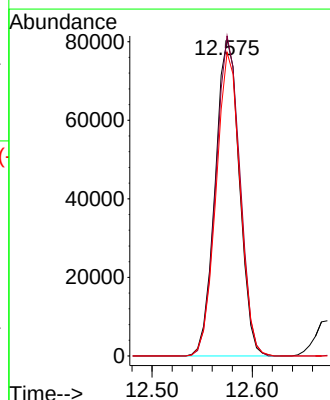
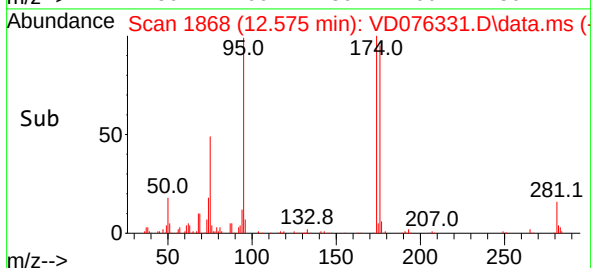
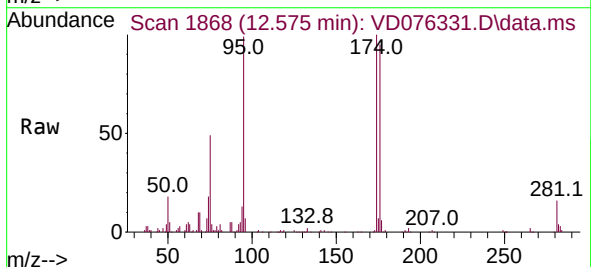
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

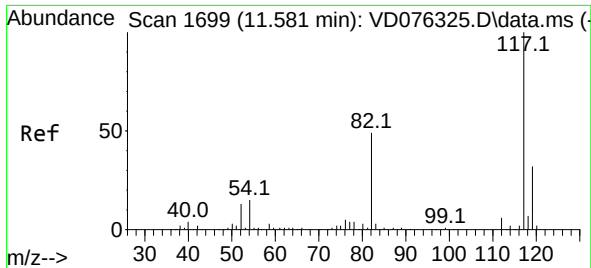
Tgt Ion:107 Resp: 94510
Ion Ratio Lower Upper
107 100
109 92.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 52.176 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076331.D
Acq: 06 Jun 2023 09:59

Tgt Ion: 95 Resp: 134793
Ion Ratio Lower Upper
95 100
174 100.3 0.0 201.8
176 95.2 0.0 191.8

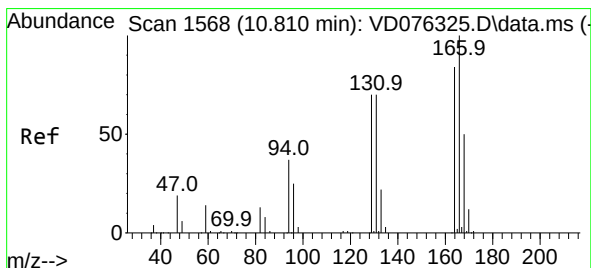
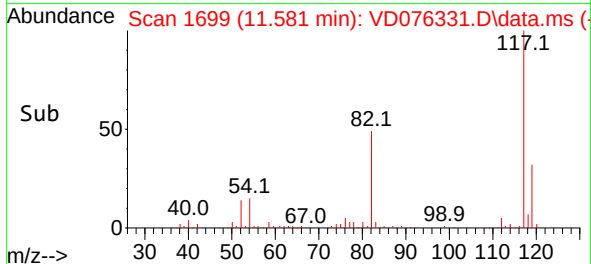
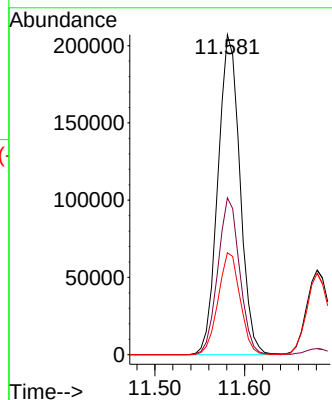
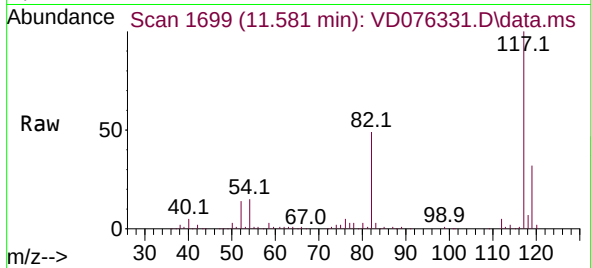




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076331.D
Acq: 06 Jun 2023 09:59

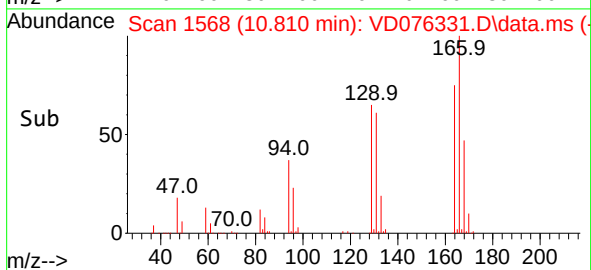
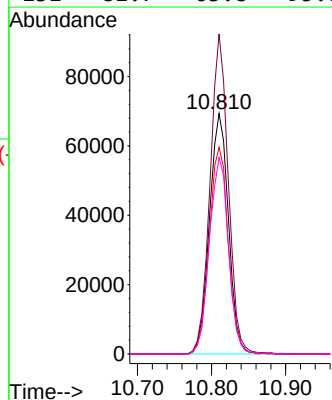
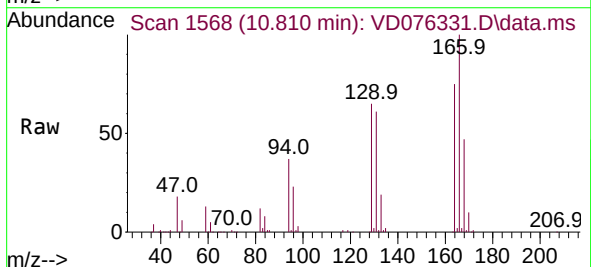
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

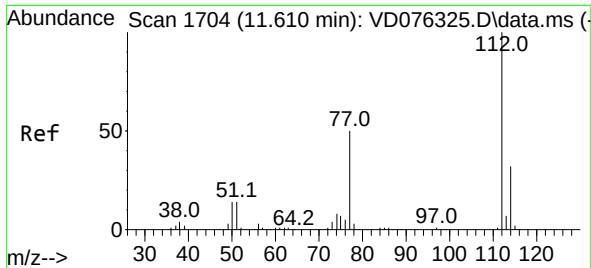
Tgt Ion:117 Resp: 352738
Ion Ratio Lower Upper
117 100
82 49.0 38.3 57.5
119 31.9 25.0 37.4



#64
Tetrachloroethene
Concen: 48.977 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD076331.D
Acq: 06 Jun 2023 09:59

Tgt Ion:164 Resp: 123745
Ion Ratio Lower Upper
164 100
166 133.0 99.2 148.8
129 85.9 68.4 102.6
131 81.7 63.8 95.8

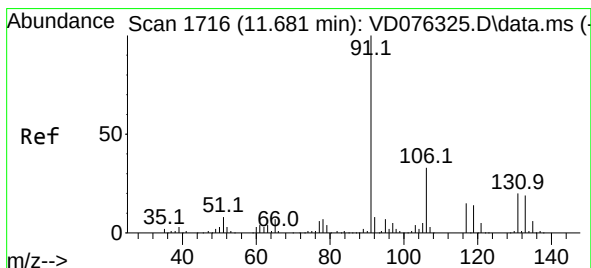
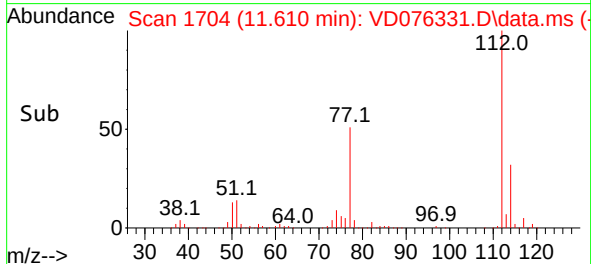
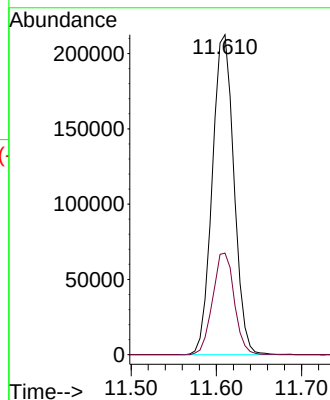
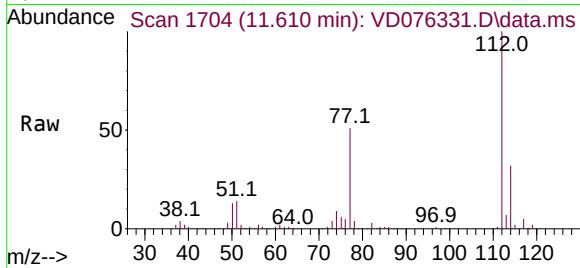




#65
Chlorobenzene
Concen: 49.679 ug/l
RT: 11.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076331.D
Acq: 06 Jun 2023 09:59

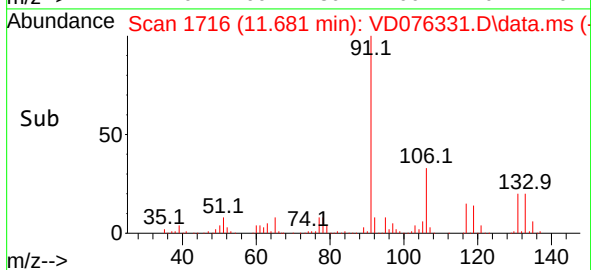
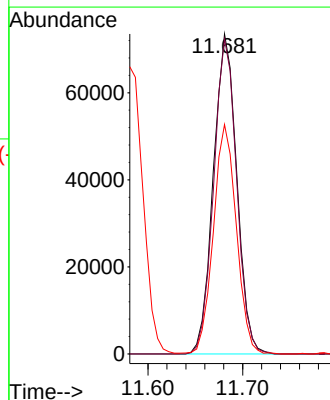
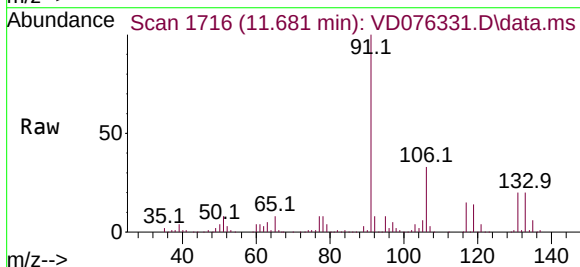
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

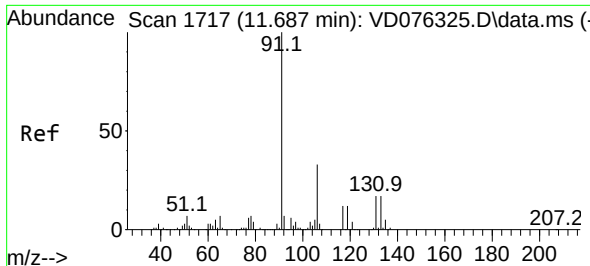
Tgt Ion:112 Resp: 375454
Ion Ratio Lower Upper
112 100
114 31.8 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 49.685 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076331.D
Acq: 06 Jun 2023 09:59

Tgt Ion:131 Resp: 126076
Ion Ratio Lower Upper
131 100
133 96.5 48.5 145.5
119 70.5 35.6 106.9

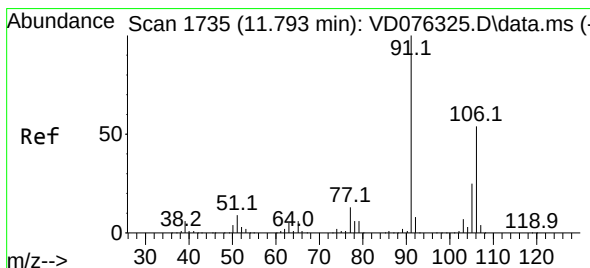
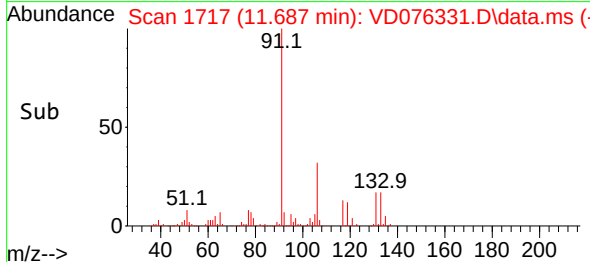
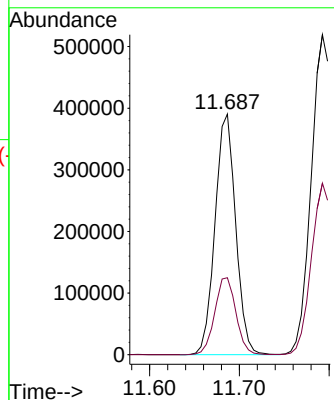
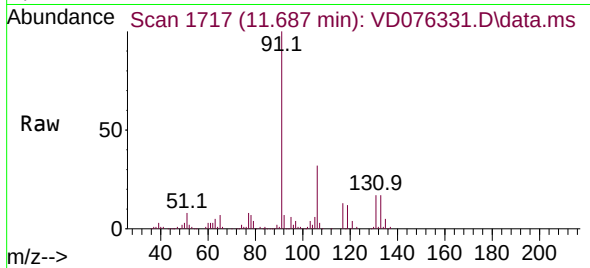




#67
Ethyl Benzene
Concen: 51.219 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD076331.D
Acq: 06 Jun 2023 09:59

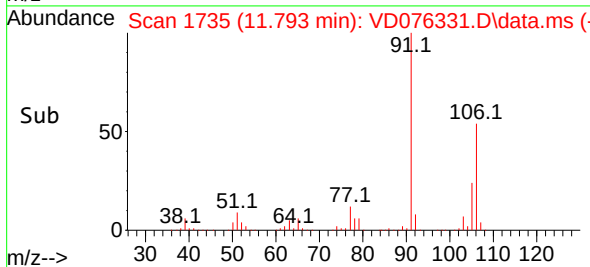
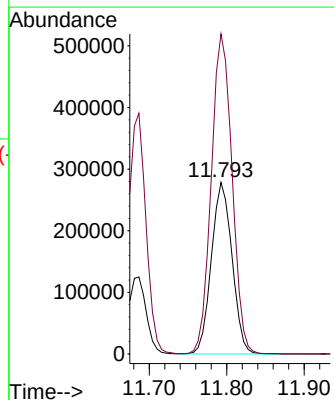
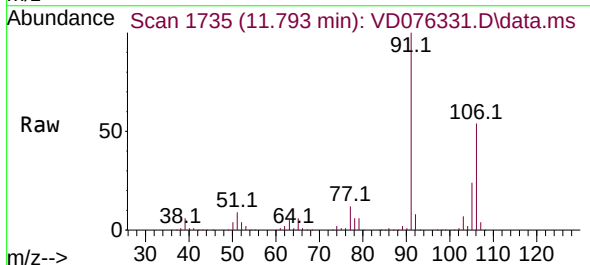
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

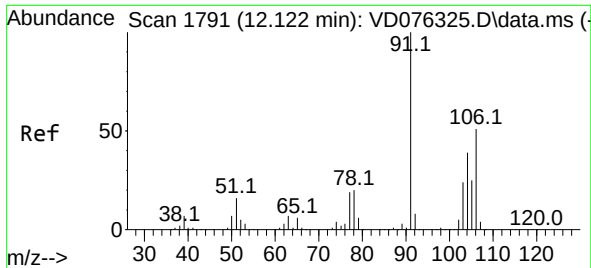
Tgt Ion: 91 Resp: 623834
Ion Ratio Lower Upper
91 100
106 32.0 26.5 39.7



#68
m/p-Xylenes
Concen: 102.251 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076331.D
Acq: 06 Jun 2023 09:59

Tgt Ion: 106 Resp: 514819
Ion Ratio Lower Upper
106 100
91 188.2 147.0 220.6

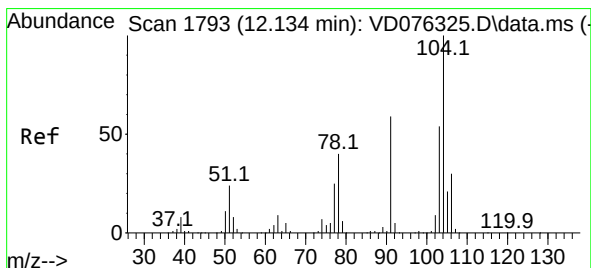
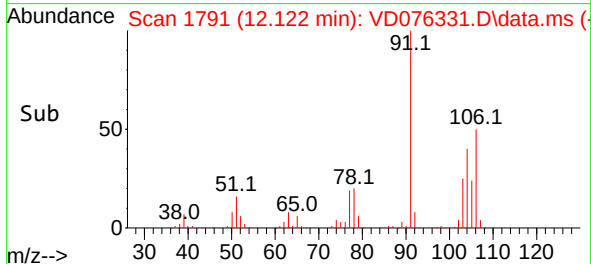
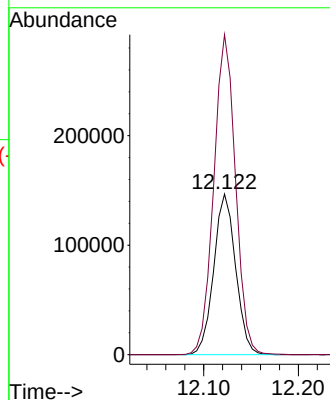
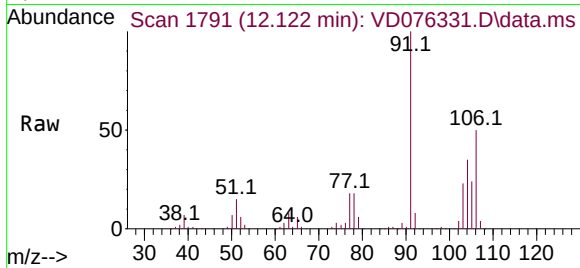




#69
o-Xylene
Concen: 51.899 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076331.D
Acq: 06 Jun 2023 09:59

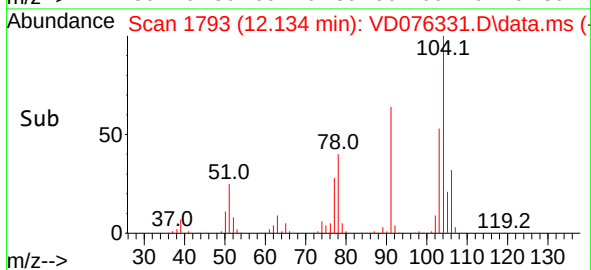
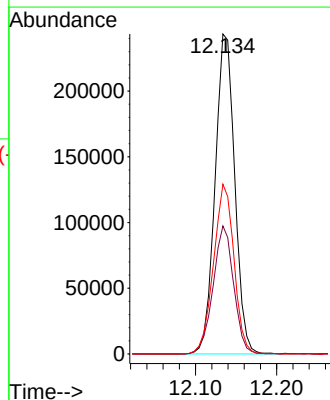
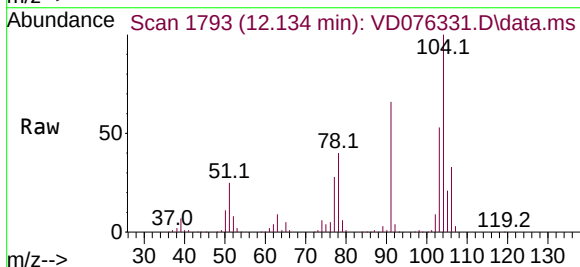
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

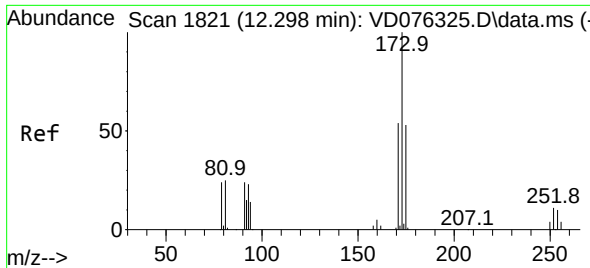
Tgt Ion:106 Resp: 235592
Ion Ratio Lower Upper
106 100
91 197.8 97.9 293.6



#70
Styrene
Concen: 52.657 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076331.D
Acq: 06 Jun 2023 09:59

Tgt Ion:104 Resp: 409926
Ion Ratio Lower Upper
104 100
78 41.8 33.2 49.8
103 55.3 43.6 65.4

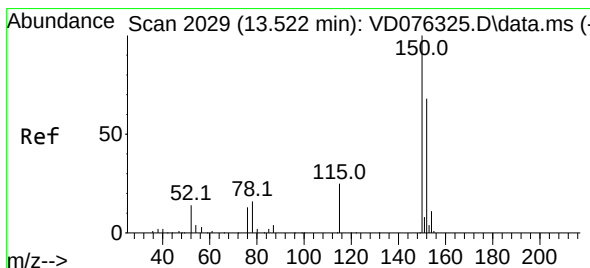
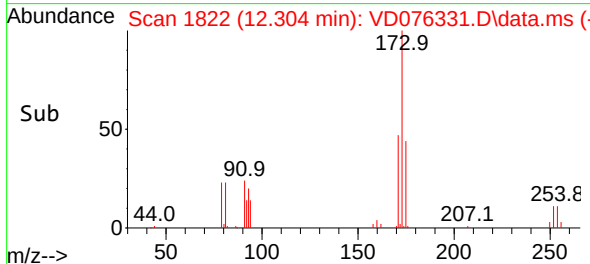
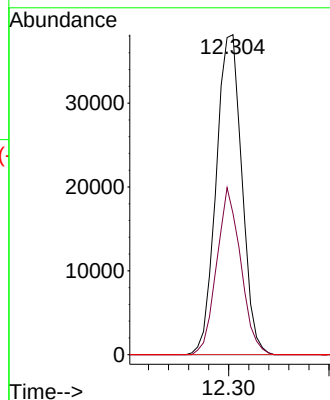
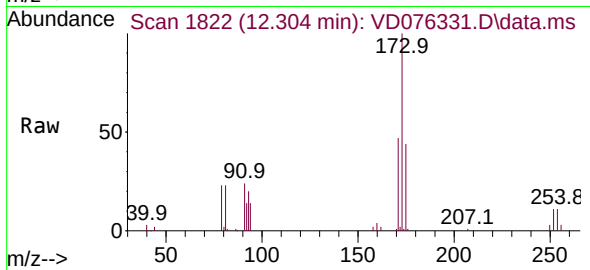




#71
Bromoform
Concen: 49.622 ug/l
RT: 12.304 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VD076331.D
Acq: 06 Jun 2023 09:59

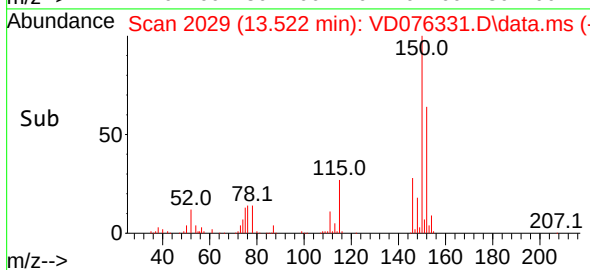
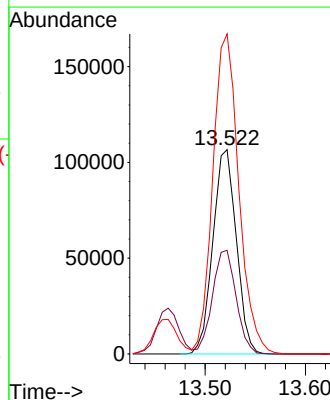
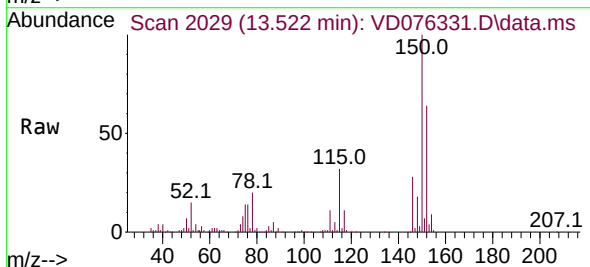
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

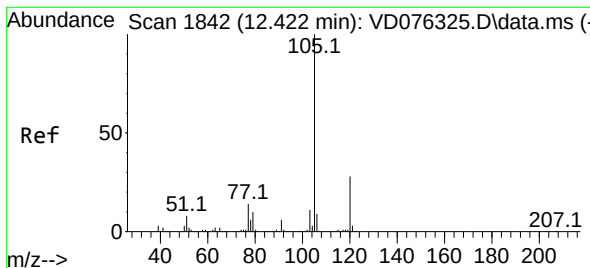
Tgt Ion:173 Resp: 67932
Ion Ratio Lower Upper
173 100
175 48.9 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076331.D
Acq: 06 Jun 2023 09:59

Tgt Ion:152 Resp: 173406
Ion Ratio Lower Upper
152 100
115 51.5 27.1 81.3
150 173.3 0.0 353.6





#73

Isopropylbenzene

Concen: 51.756 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD076331.D

Acq: 06 Jun 2023 09:59

Instrument :

MSVOA_D

ClientSampleId :

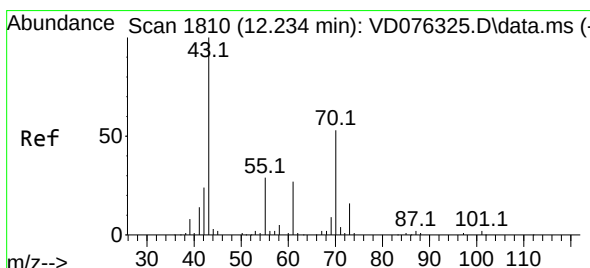
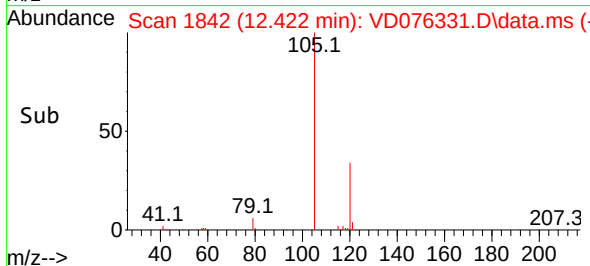
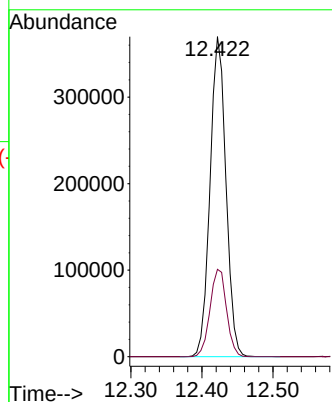
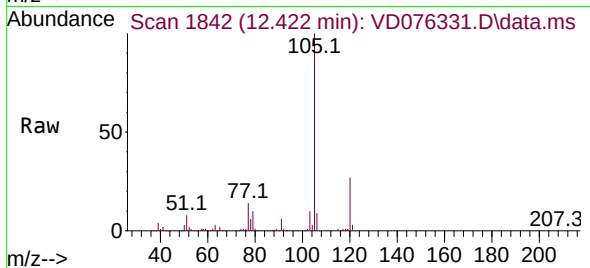
VSTDCCC050

Tgt Ion:105 Resp: 574547

Ion Ratio Lower Upper

105 100

120 28.3 14.3 42.9



#74

N-ethyl acetate

Concen: 49.794 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD076331.D

Acq: 06 Jun 2023 09:59

Tgt Ion: 43 Resp: 94790

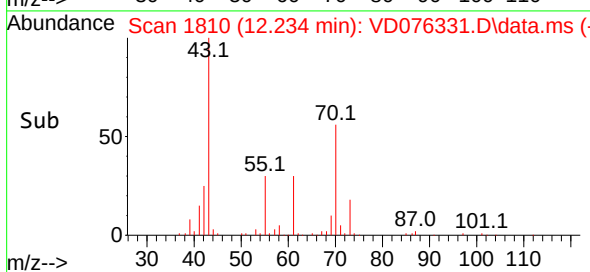
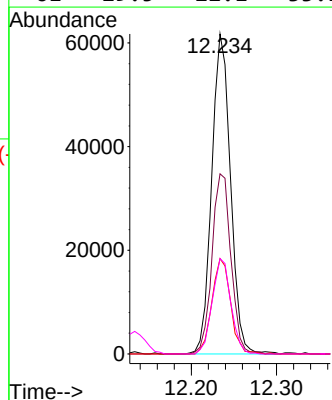
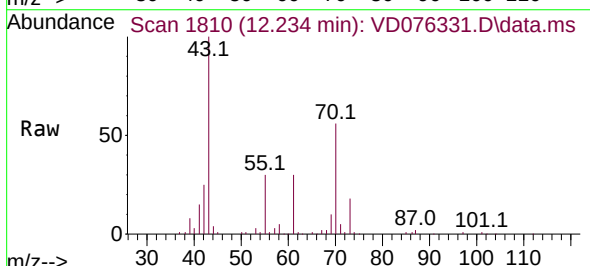
Ion Ratio Lower Upper

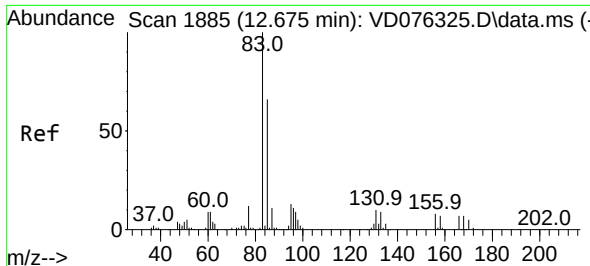
43 100

70 56.8 45.0 67.4

55 29.6 23.8 35.6

61 29.5 22.1 33.1

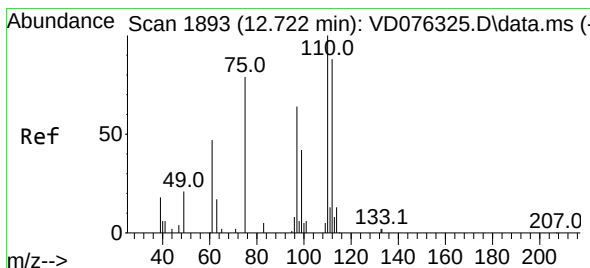
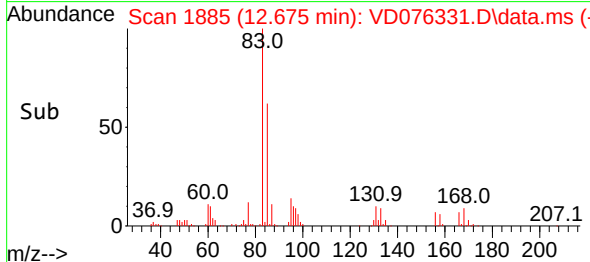
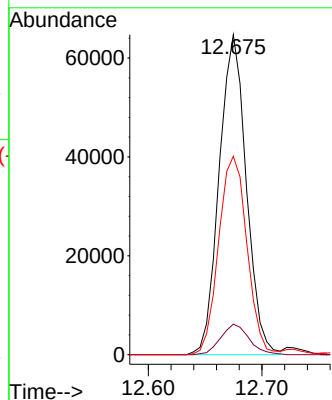
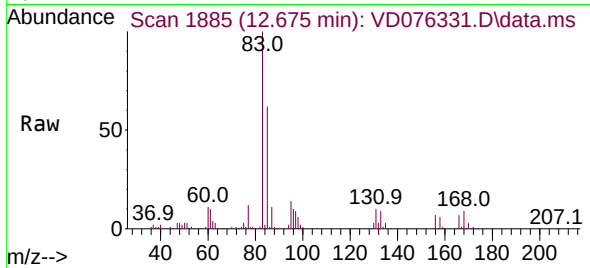




#75
1,1,2,2-Tetrachloroethane
Concen: 48.339 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD076331.D
Acq: 06 Jun 2023 09:59

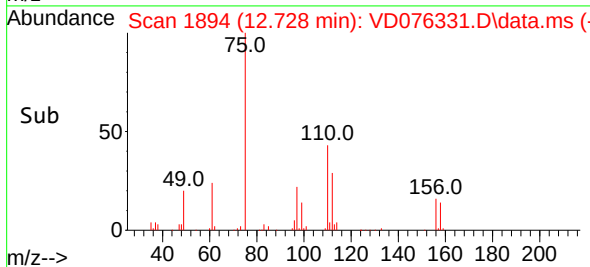
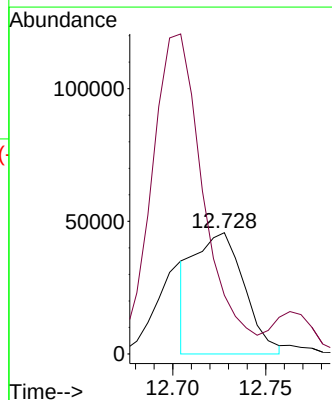
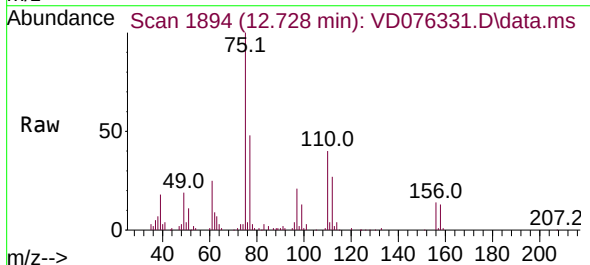
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

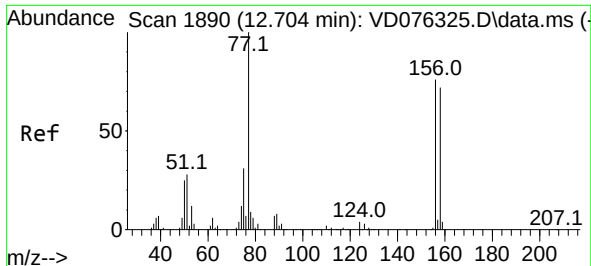
Tgt Ion: 83 Resp: 107422
Ion Ratio Lower Upper
83 100
131 9.9 5.1 15.3
85 64.7 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 53.232 ug/l m
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD076331.D
Acq: 06 Jun 2023 09:59

Tgt Ion: 75 Resp: 86166
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

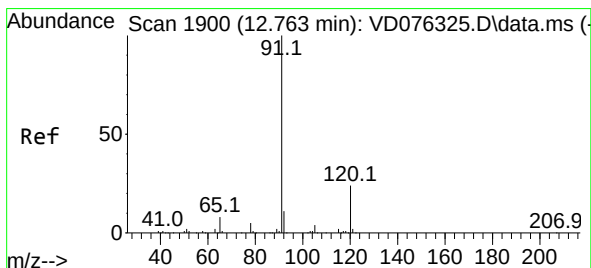
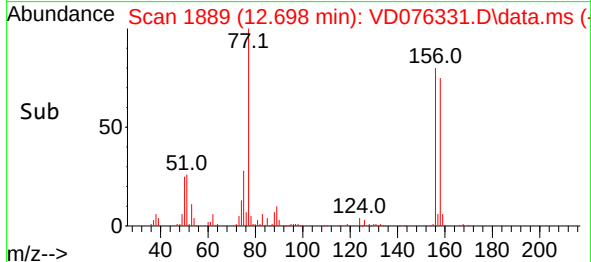
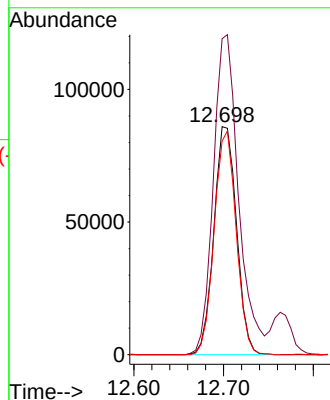
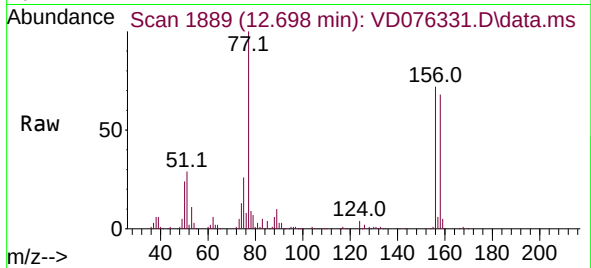




#77
Bromobenzene
Concen: 51.649 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD076331.D
Acq: 06 Jun 2023 09:59

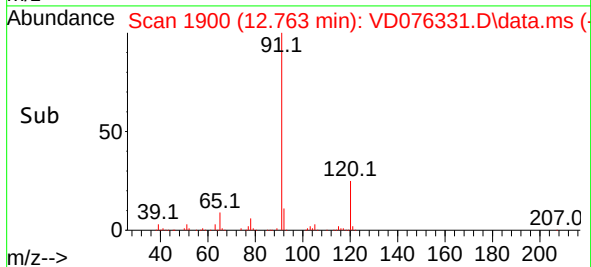
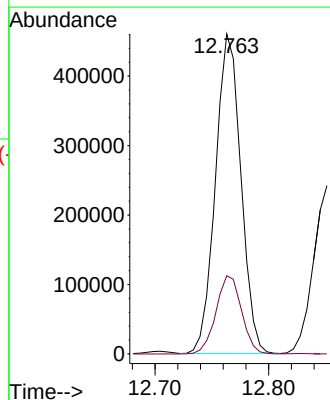
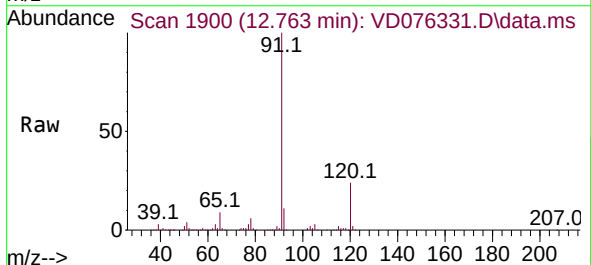
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

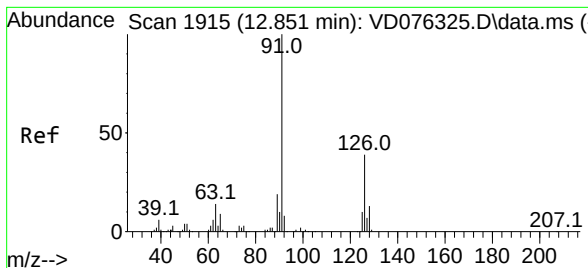
Tgt Ion:156 Resp: 150755
Ion Ratio Lower Upper
156 100
77 156.1 76.8 230.4
158 95.1 48.6 145.9



#78
n-propylbenzene
Concen: 52.194 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD076331.D
Acq: 06 Jun 2023 09:59

Tgt Ion: 91 Resp: 716349
Ion Ratio Lower Upper
91 100
120 24.6 12.4 37.2

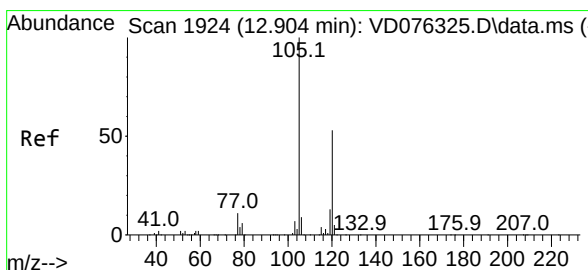
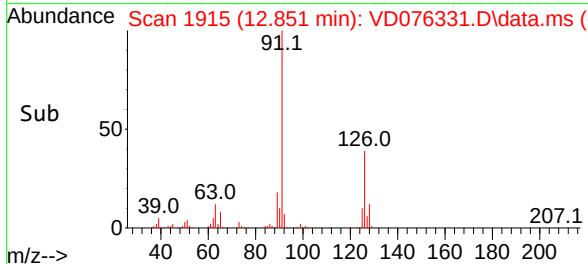
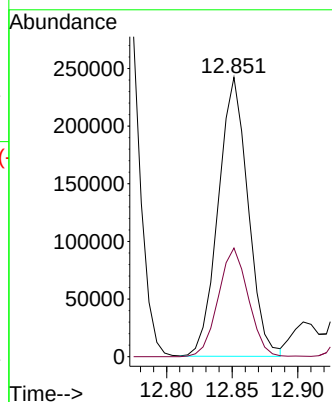
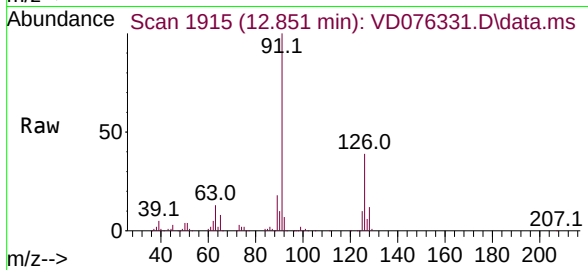




#79
2-Chlorotoluene
Concen: 51.209 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD076331.D
Acq: 06 Jun 2023 09:59

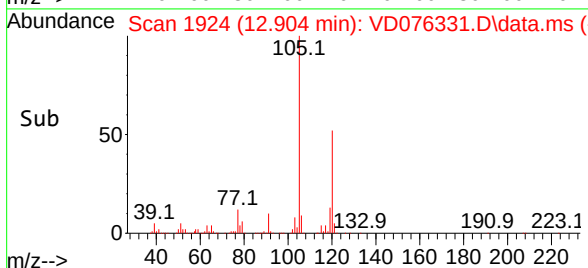
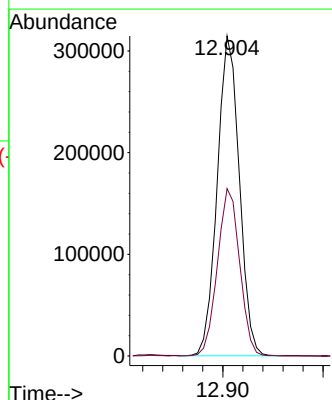
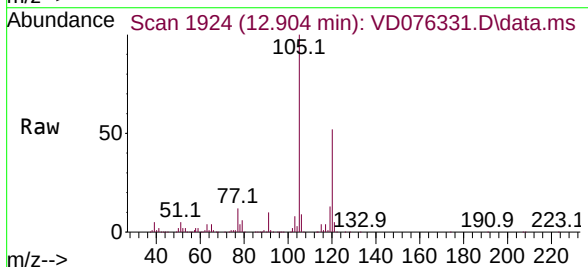
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

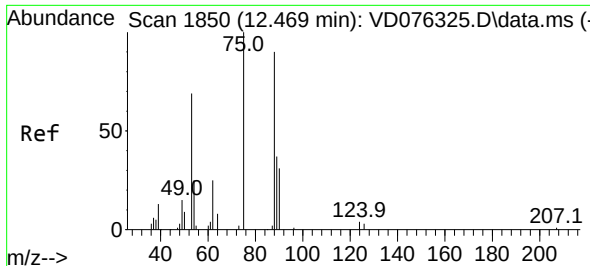
Tgt Ion: 91 Resp: 383377
Ion Ratio Lower Upper
91 100
126 39.2 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 52.503 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD076331.D
Acq: 06 Jun 2023 09:59

Tgt Ion:105 Resp: 480614
Ion Ratio Lower Upper
105 100
120 52.8 26.4 79.2

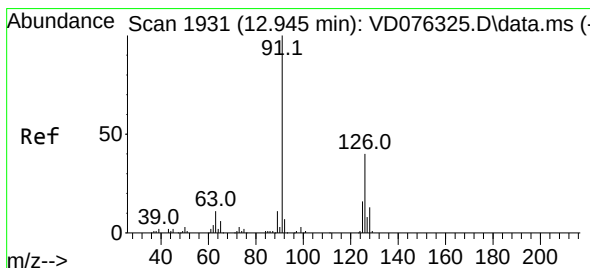
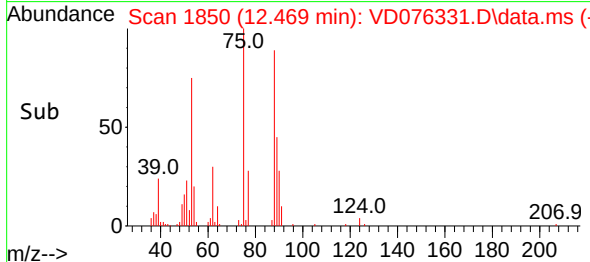
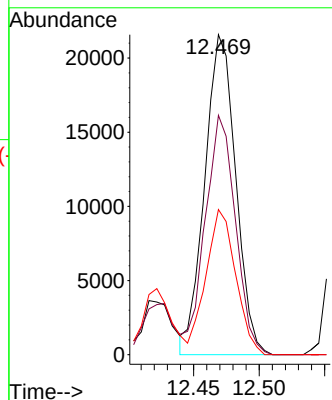
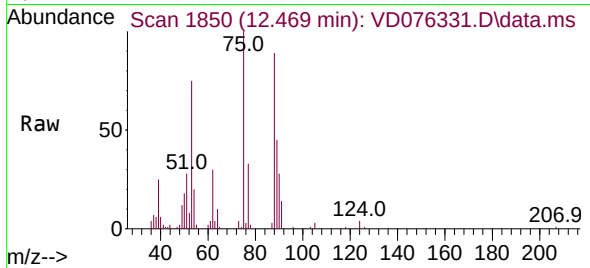




#81
trans-1,4-Dichloro-2-butene
Concen: 52.477 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD076331.D
Acq: 06 Jun 2023 09:59

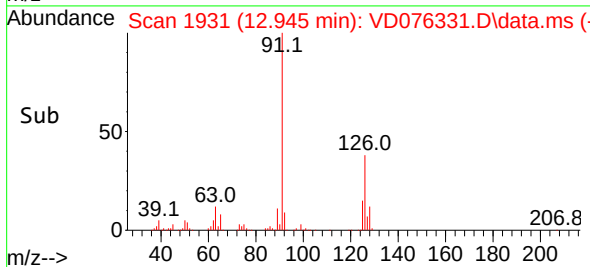
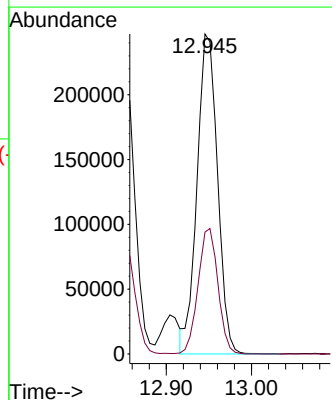
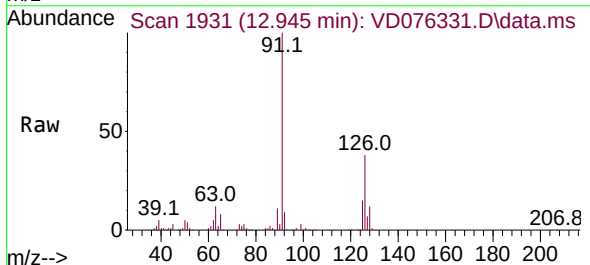
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

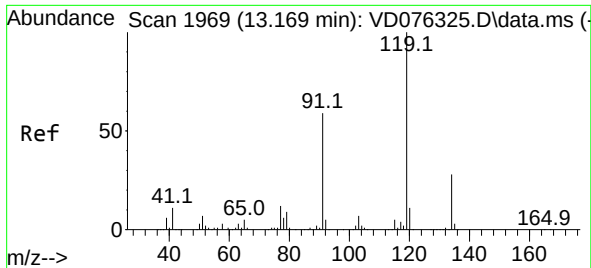
Tgt Ion:	75	Resp:	35466
Ion Ratio	Lower	Upper	
75	100		
53	73.5	63.0	94.4
89	43.5	37.9	56.9



#82
4-Chlorotoluene
Concen: 51.705 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD076331.D
Acq: 06 Jun 2023 09:59

Tgt Ion:	91	Resp:	412144
Ion Ratio	Lower	Upper	
91	100		
126	38.1	19.4	58.4

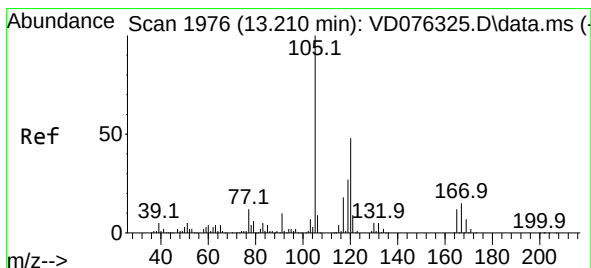
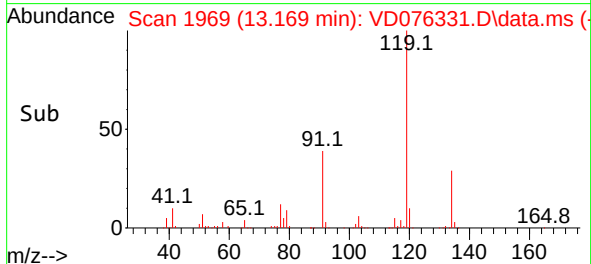
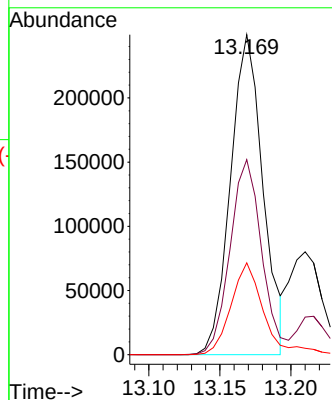
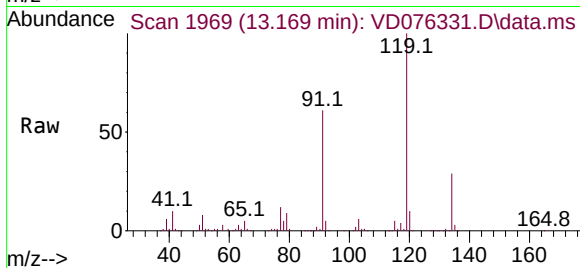




#83
tert-Butylbenzene
Concen: 51.593 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD076331.D
Acq: 06 Jun 2023 09:59

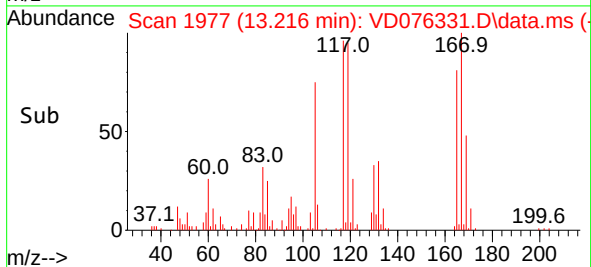
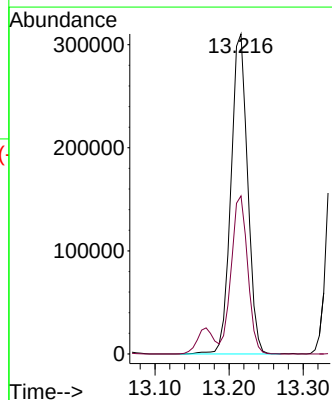
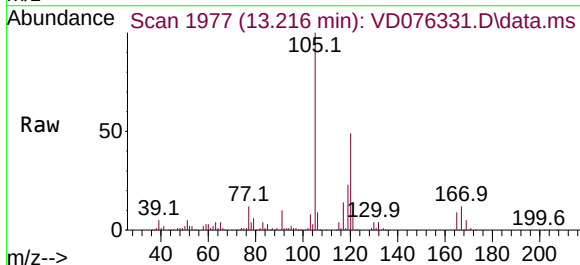
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

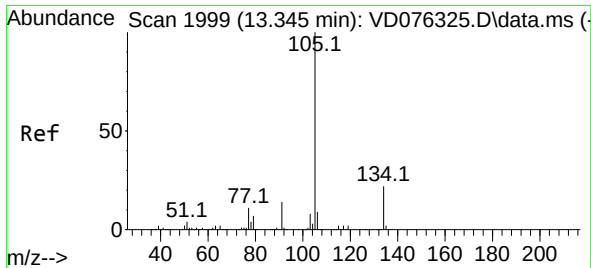
Tgt Ion:119 Resp: 396034
Ion Ratio Lower Upper
119 100
91 59.9 29.3 87.8
134 29.0 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 52.864 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD076331.D
Acq: 06 Jun 2023 09:59

Tgt Ion:105 Resp: 483305
Ion Ratio Lower Upper
105 100
120 48.7 24.3 72.9

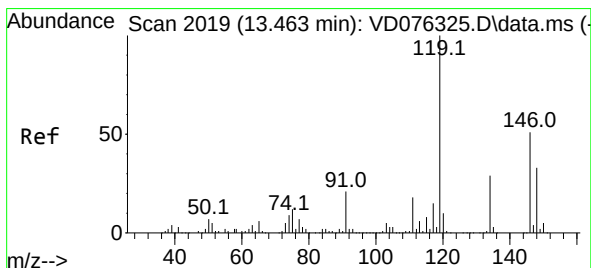
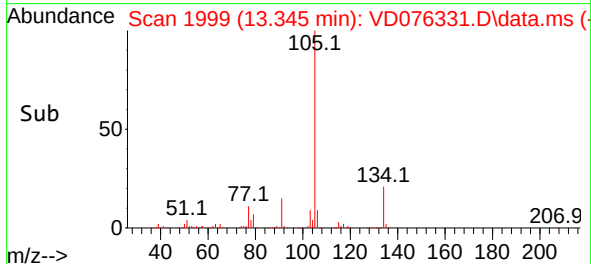
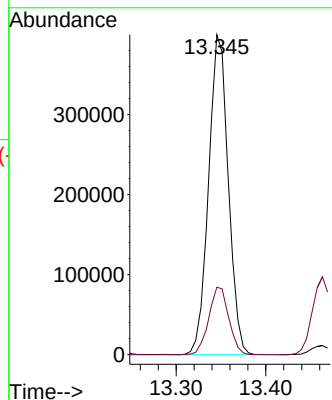
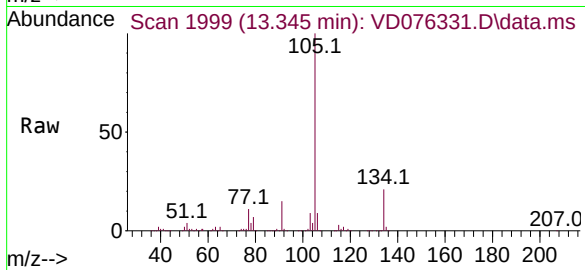




#85
 sec-Butylbenzene
 Concen: 51.590 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD076331.D
 Acq: 06 Jun 2023 09:59

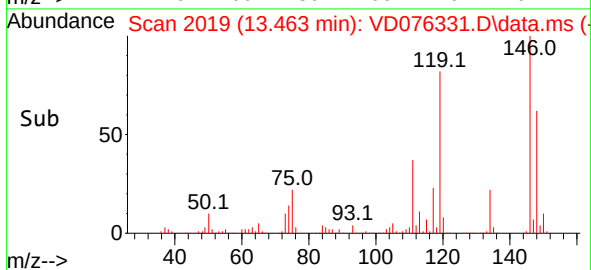
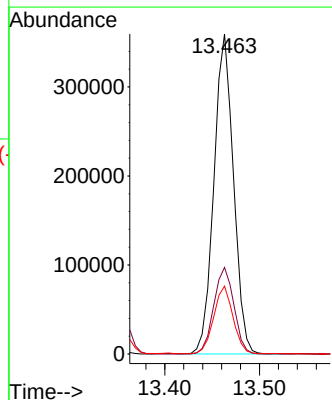
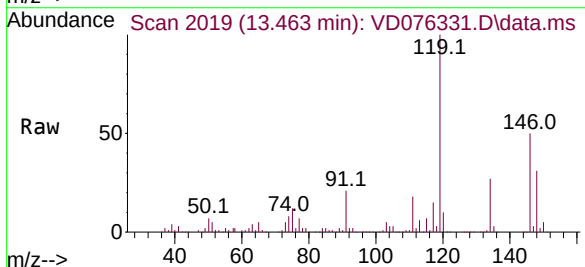
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

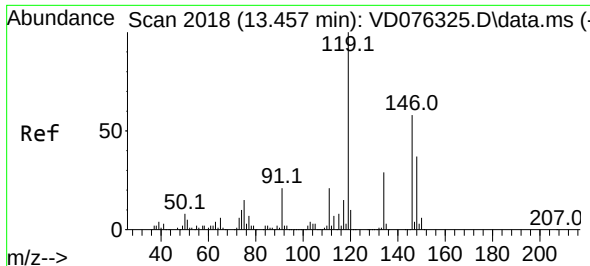
Tgt Ion:105 Resp: 609136
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 52.772 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD076331.D
 Acq: 06 Jun 2023 09:59

Tgt Ion:119 Resp: 516466
 Ion Ratio Lower Upper
 119 100
 134 27.8 14.2 42.6
 91 20.8 10.5 31.5

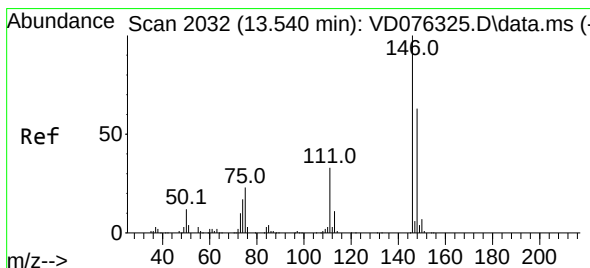
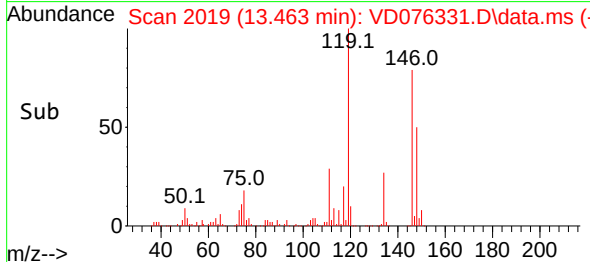
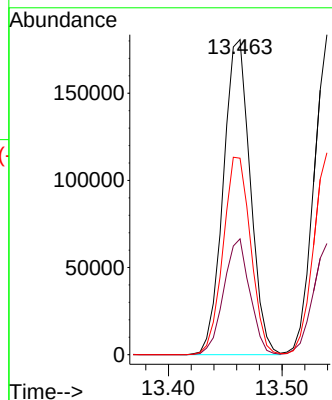
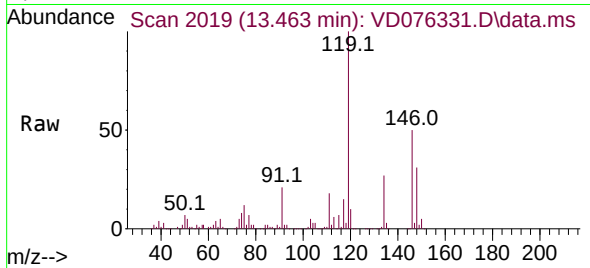




#87
 1,3-Dichlorobenzene
 Concen: 50.783 ug/l
 RT: 13.463 min Scan# 2018
 Delta R.T. 0.006 min
 Lab File: VD076331.D
 Acq: 06 Jun 2023 09:59

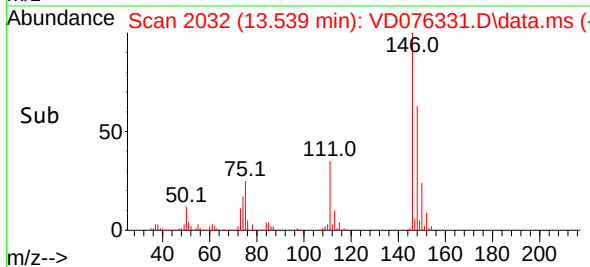
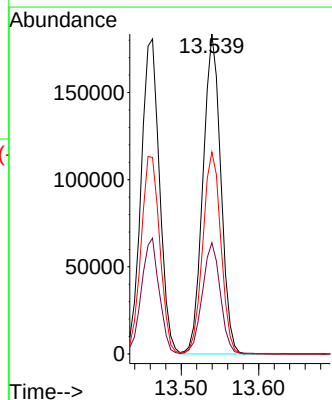
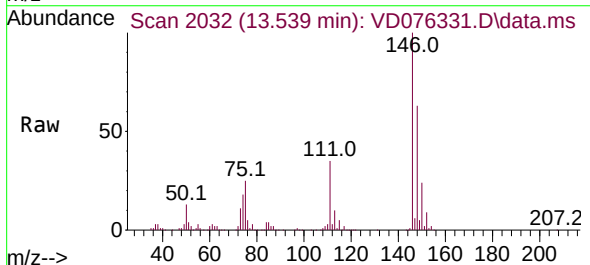
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

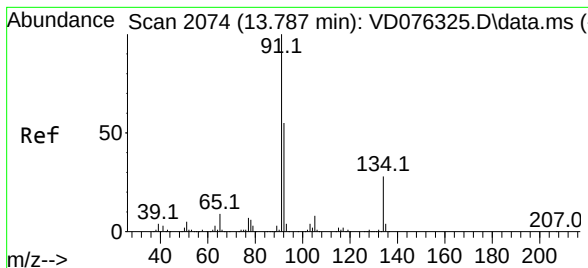
Tgt Ion:146 Resp: 298806
 Ion Ratio Lower Upper
 146 100
 111 35.5 17.9 53.8
 148 63.9 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 49.274 ug/l
 RT: 13.539 min Scan# 2032
 Delta R.T. -0.000 min
 Lab File: VD076331.D
 Acq: 06 Jun 2023 09:59

Tgt Ion:146 Resp: 293556
 Ion Ratio Lower Upper
 146 100
 111 35.0 17.4 52.3
 148 64.0 31.7 95.1





#89

n-Butylbenzene

Concen: 51.935 ug/l

RT: 13.792 min Scan# 2074

Delta R.T. 0.005 min

Lab File: VD076331.D

Acq: 06 Jun 2023 09:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

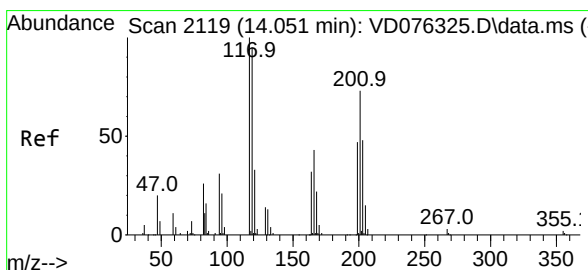
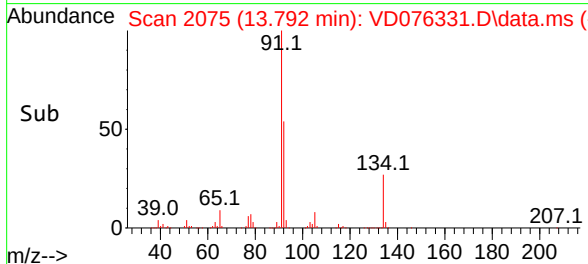
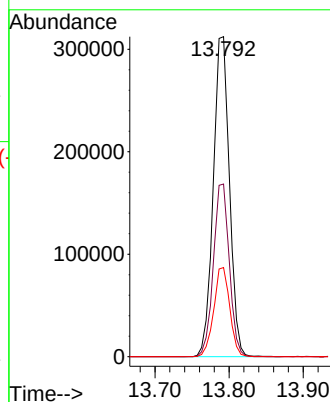
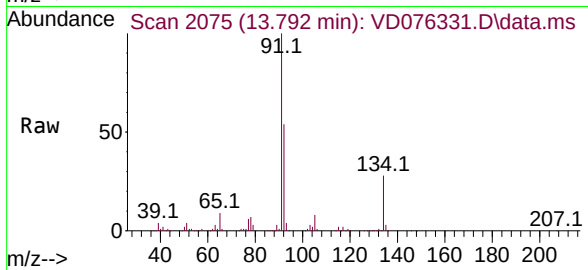
Tgt Ion: 91 Resp: 472418

Ion Ratio Lower Upper

91 100

92 53.2 26.5 79.5

134 27.6 13.8 41.3



#90

Hexachloroethane

Concen: 49.223 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. 0.006 min

Lab File: VD076331.D

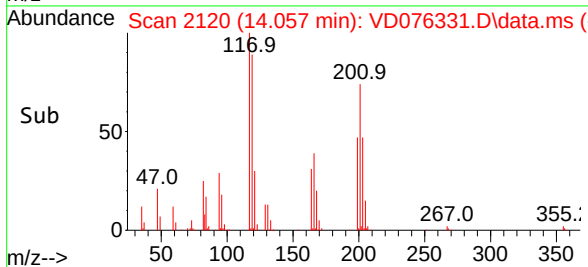
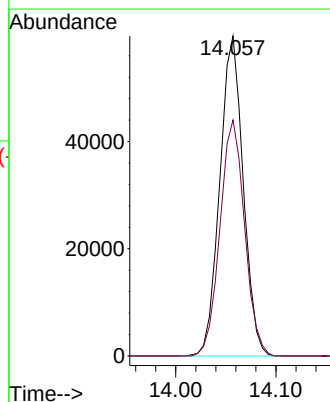
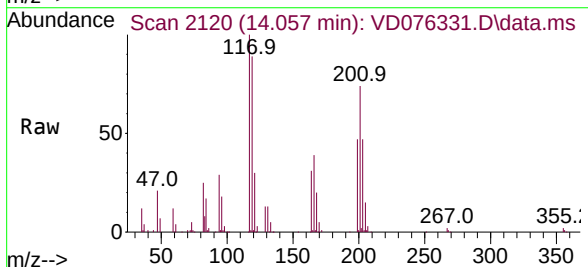
Acq: 06 Jun 2023 09:59

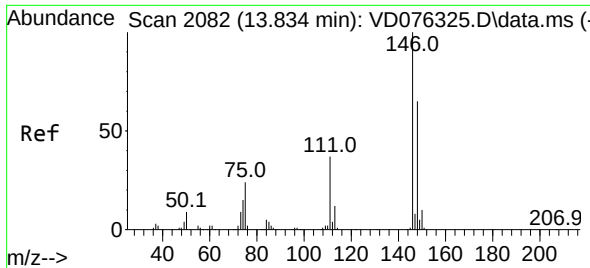
Tgt Ion: 117 Resp: 96721

Ion Ratio Lower Upper

117 100

201 77.4 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 50.003 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD076331.D

Acq: 06 Jun 2023 09:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

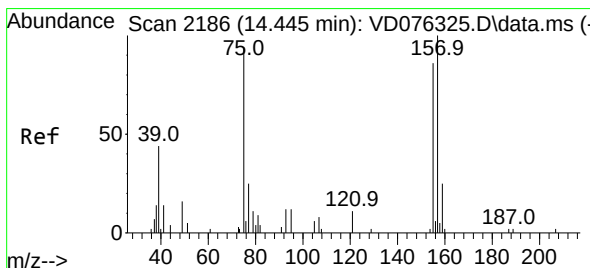
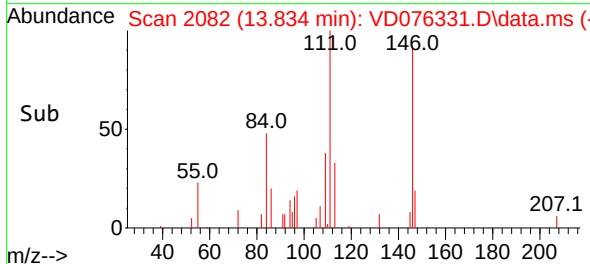
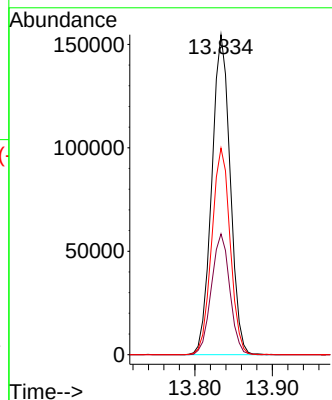
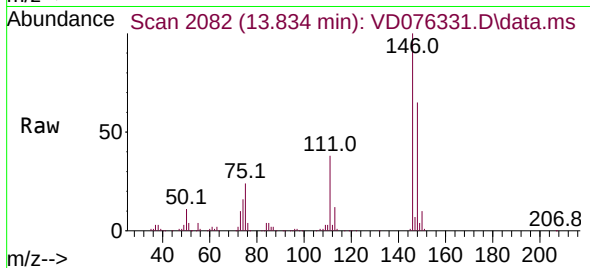
Tgt Ion:146 Resp: 255437

Ion Ratio Lower Upper

146 100

111 37.7 18.3 54.8

148 64.4 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.037 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.006 min

Lab File: VD076331.D

Acq: 06 Jun 2023 09:59

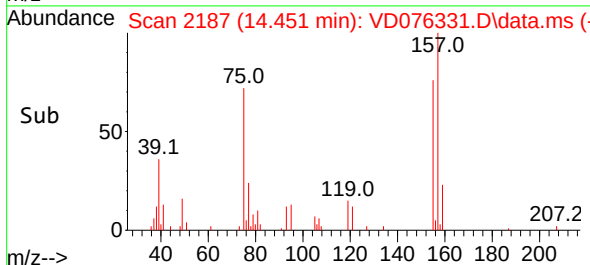
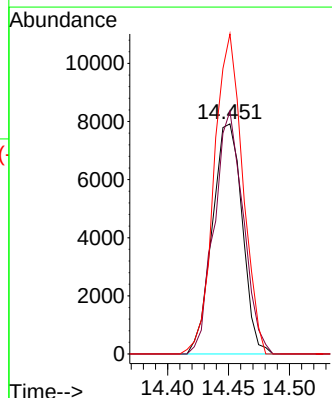
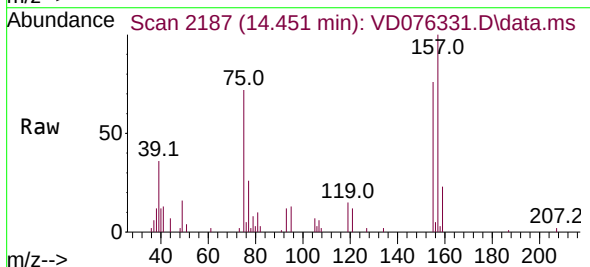
Tgt Ion: 75 Resp: 13515

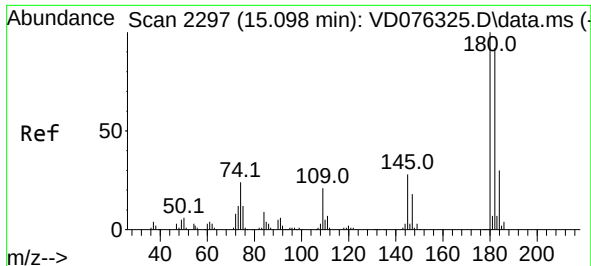
Ion Ratio Lower Upper

75 100

155 102.7 47.9 143.8

157 132.8 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 53.068 ug/l

RT: 15.104 min Scan# 2297

Delta R.T. 0.006 min

Lab File: VD076331.D

Acq: 06 Jun 2023 09:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

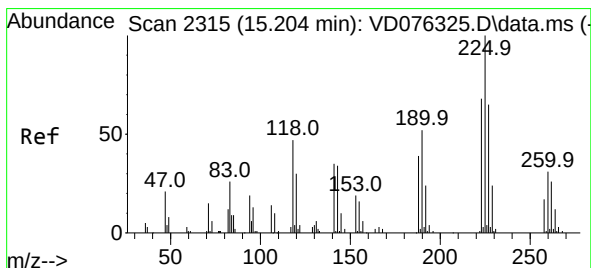
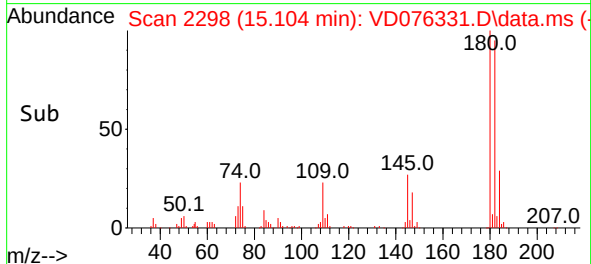
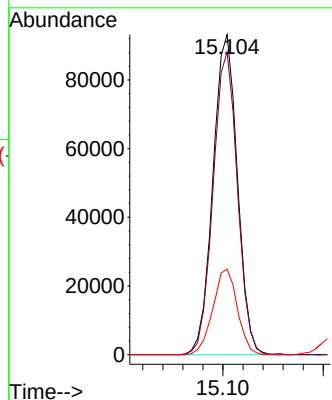
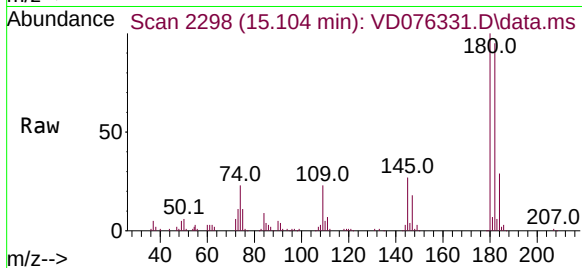
Tgt Ion:180 Resp: 157566

Ion Ratio Lower Upper

180 100

182 93.9 48.5 145.6

145 26.8 14.2 42.6



#94

Hexachlorobutadiene

Concen: 50.059 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD076331.D

Acq: 06 Jun 2023 09:59

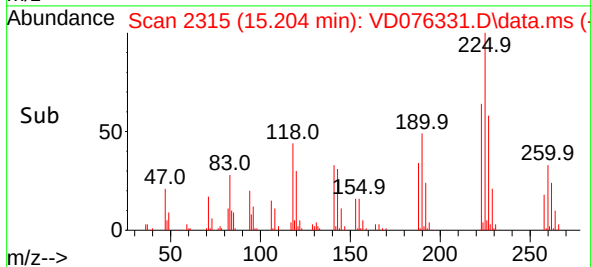
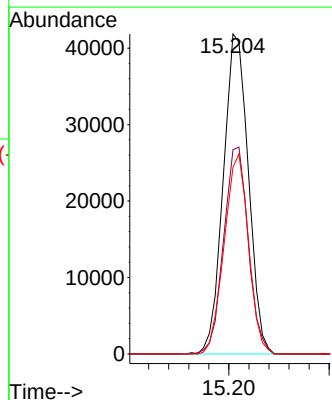
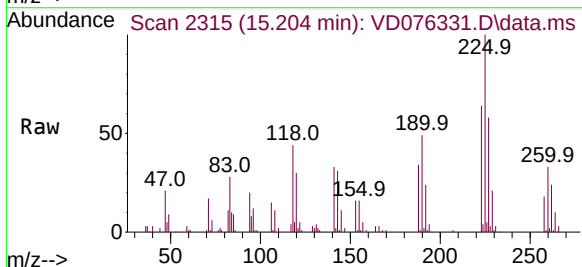
Tgt Ion:225 Resp: 72671

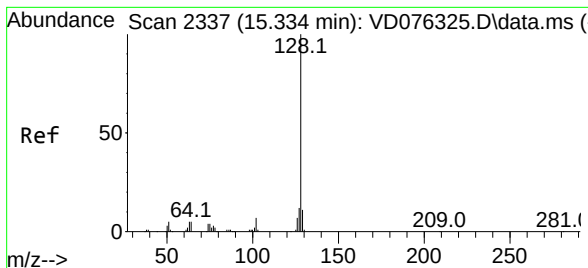
Ion Ratio Lower Upper

225 100

223 63.3 31.6 94.8

227 60.5 31.7 95.1





#95

Naphthalene

Concen: 46.994 ug/l

RT: 15.334 min Scan# 2337

Delta R.T. -0.000 min

Lab File: VD076331.D

Acq: 06 Jun 2023 09:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

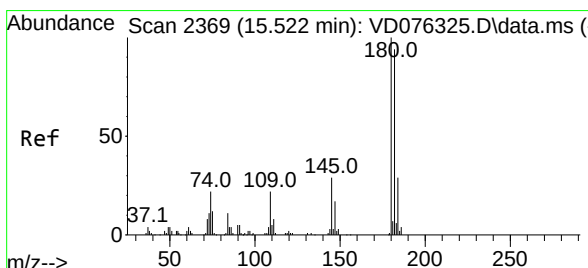
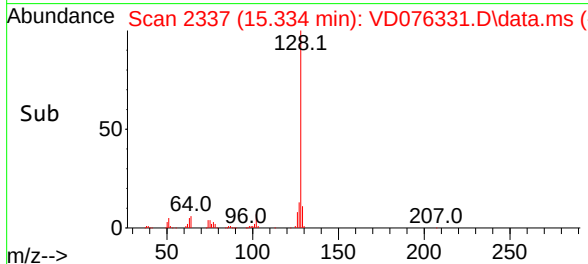
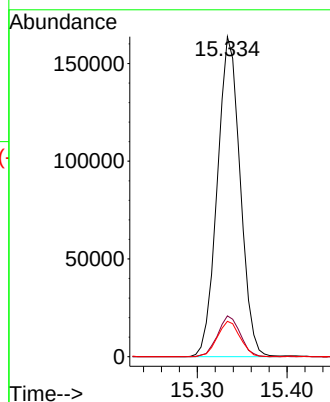
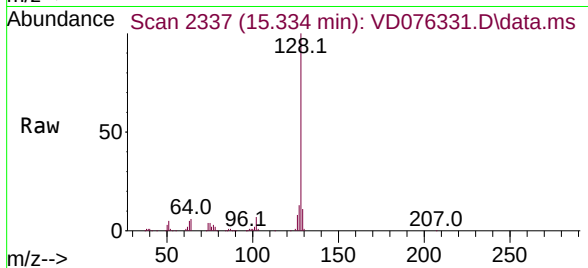
Tgt Ion:128 Resp: 289816

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

129 11.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 51.755 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD076331.D

Acq: 06 Jun 2023 09:59

Tgt Ion:180 Resp: 135894

Ion Ratio Lower Upper

180 100

182 95.7 47.3 141.9

145 29.3 15.1 45.3

