

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060523\
 Data File : VD076324.D
 Acq On : 05 Jun 2023 13:50
 Operator : KP/SY
 Sample : VSTDIC020
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Quant Time: Jun 06 02:24:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 06 02:19:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	214105	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	353539	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	328846	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	166726	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	38473	20.055	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	40.120%#
35) Dibromofluoromethane	7.805	113	43044	19.175	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	38.360%#
50) Toluene-d8	10.269	98	179145	20.044	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	40.080%#
62) 4-Bromofluorobenzene	12.575	95	46216	19.540	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	39.080%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.928	85	43485	20.973	ug/l	96
3) Chloromethane	2.146	50	81866	20.548	ug/l	99
4) Vinyl Chloride	2.281	62	107377	20.535	ug/l	96
5) Bromomethane	2.675	94	68518	20.196	ug/l	99
6) Chloroethane	2.828	64	72170	20.596	ug/l	97
7) Trichlorofluoromethane	3.169	101	69852	20.119	ug/l	95
8) Diethyl Ether	3.587	74	22592	19.948	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.964	101	45386	20.437	ug/l	97
10) Methyl Iodide	4.152	142	60787	19.669	ug/l	100
11) Tert butyl alcohol	5.069	59	10625	99.101	ug/l #	73
12) 1,1-Dichloroethene	3.934	96	47670	20.221	ug/l	92
13) Acrolein	3.793	56	23744	101.794	ug/l	98
14) Allyl chloride	4.558	41	46072	19.889	ug/l	97
15) Acrylonitrile	5.252	53	44617	98.657	ug/l	100
16) Acetone	4.022	43	32814	93.388	ug/l	87
17) Carbon Disulfide	4.264	76	160198	20.373	ug/l	98
18) Methyl Acetate	4.564	43	30493	20.464	ug/l	98
19) Methyl tert-butyl Ether	5.316	73	85128	19.600	ug/l	98
20) Methylene Chloride	4.793	84	67062	20.106	ug/l	94
21) trans-1,2-Dichloroethene	5.311	96	54970	20.122	ug/l	91
22) Diisopropyl ether	6.216	45	103445	20.080	ug/l	98
23) Vinyl Acetate	6.158	43	229491	117.135	ug/l	98
24) 1,1-Dichloroethane	6.110	63	83963	19.957	ug/l	98
25) 2-Butanone	7.081	43	47021	96.642	ug/l	96
26) 2,2-Dichloropropane	7.069	77	70708	20.295	ug/l	96
27) cis-1,2-Dichloroethene	7.081	96	57845	19.601	ug/l	97
28) Bromochloromethane	7.428	49	24220	21.353	ug/l	99
29) Tetrahydrofuran	7.446	42	27875	97.109	ug/l	98
30) Chloroform	7.587	83	87726	19.867	ug/l	91
31) Cyclohexane	7.869	56	62268	19.333	ug/l	92
32) 1,1,1-Trichloroethane	7.793	97	71255	20.264	ug/l	98
36) 1,1-Dichloropropene	8.010	75	65526	20.317	ug/l	99
37) Ethyl Acetate	7.169	43	22269	20.929	ug/l	99
38) Carbon Tetrachloride	7.987	117	57132	20.208	ug/l	98
39) Methylcyclohexane	9.275	83	73239	19.875	ug/l	97
40) Benzene	8.252	78	202607	19.859	ug/l	98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	8957	16.523	ug/l #	76
42) 1,2-Dichloroethane	8.322	62	48226	20.467	ug/l	96
43) Isopropyl Acetate	8.363	43	38706	20.297	ug/l	99
44) Trichloroethene	9.028	130	56351	19.754	ug/l	93
45) 1,2-Dichloropropane	9.304	63	48113	20.094	ug/l	97
46) Dibromomethane	9.393	93	27474	20.270	ug/l	98
47) Bromodichloromethane	9.581	83	63587	20.013	ug/l	94
48) Methyl methacrylate	9.381	41	15499	17.941	ug/l #	93
49) 1,4-Dioxane	9.387	88	6142	413.461	ug/l	94
51) 4-Methyl-2-Pentanone	10.157	43	100476	99.961	ug/l	98
52) Toluene	10.334	92	125967	20.078	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	57835	19.613	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	72843	19.990	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	38821	20.229	ug/l	94
56) Ethyl methacrylate	10.598	69	37520	19.169	ug/l	97
57) 1,3-Dichloropropane	10.881	76	62195	20.405	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	83014	101.014	ug/l	96
59) 2-Hexanone	10.922	43	68128	98.787	ug/l	98
60) Dibromochloromethane	11.075	129	43945	20.200	ug/l	94
61) 1,2-Dibromoethane	11.181	107	35914	20.567	ug/l	99
64) Tetrachloroethene	10.810	164	47077	19.986	ug/l	96
65) Chlorobenzene	11.604	112	139335	19.776	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	46783	19.776	ug/l	98
67) Ethyl Benzene	11.687	91	220453	19.415	ug/l	95
68) m/p-Xylenes	11.793	106	185170	39.450	ug/l	98
69) o-Xylene	12.122	106	81416	19.238	ug/l	99
70) Styrene	12.134	104	145401	20.034	ug/l	99
71) Bromoform	12.298	173	26495	20.760	ug/l #	98
73) Isopropylbenzene	12.422	105	203862	19.100	ug/l	100
74) N-amyl acetate	12.234	43	34945	19.092	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	42878	20.068	ug/l	100
76) 1,2,3-Trichloropropane	12.728	75	50630	31.321	ug/l #	100
77) Bromobenzene	12.698	156	53820	19.178	ug/l	97
78) n-propylbenzene	12.763	91	260561	19.745	ug/l	99
79) 2-Chlorotoluene	12.851	91	140468	19.515	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	174207	19.793	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	12856	19.784	ug/l	91
82) 4-Chlorotoluene	12.945	91	151085	19.714	ug/l	99
83) tert-Butylbenzene	13.169	119	145398	19.700	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	175090	19.919	ug/l	98
85) sec-Butylbenzene	13.345	105	222663	19.614	ug/l	98
86) p-Isopropyltoluene	13.463	119	183777	19.531	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	113364	20.038	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	115514	20.166	ug/l	100
89) n-Butylbenzene	13.787	91	166916	19.085	ug/l	98
90) Hexachloroethane	14.057	117	38435	20.344	ug/l	93
91) 1,2-Dichlorobenzene	13.834	146	97185	19.787	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5681	20.127	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	52605	18.427	ug/l	99
94) Hexachlorobutadiene	15.204	225	27494	19.698	ug/l	95
95) Naphthalene	15.334	128	98906	18.804	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	46566	18.445	ug/l	98

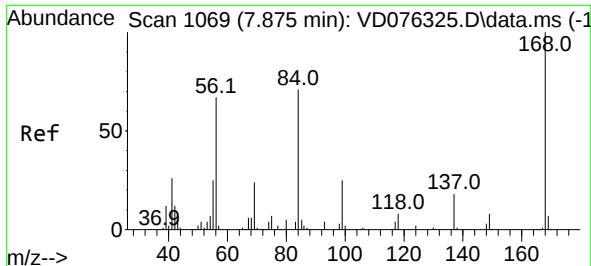
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Quant Title : SW846 8260
QLast Update : Tue Jun 06 02:19:25 2023
Response via : Initial Calibration

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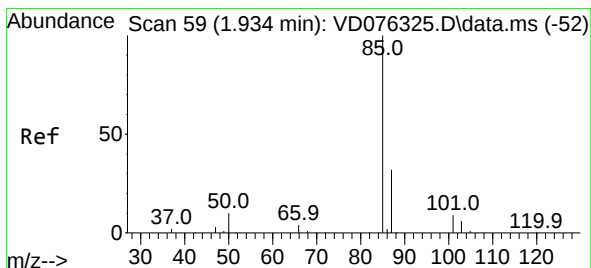
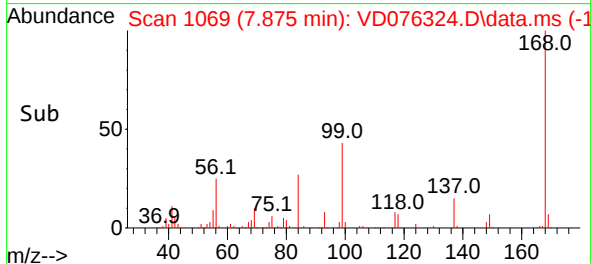
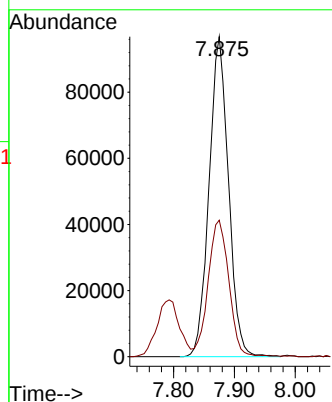
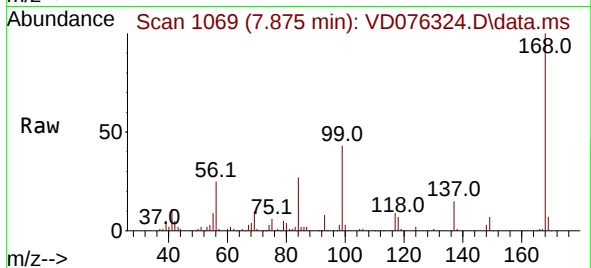
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076324.D
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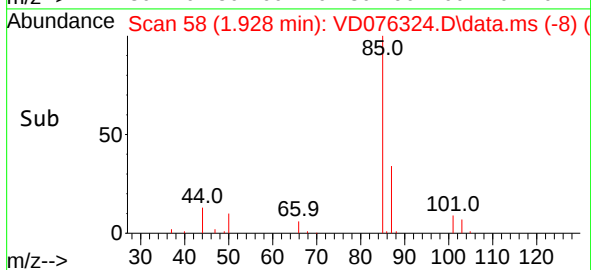
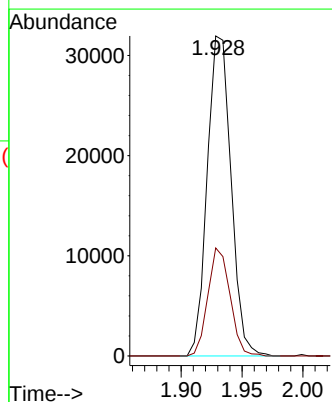
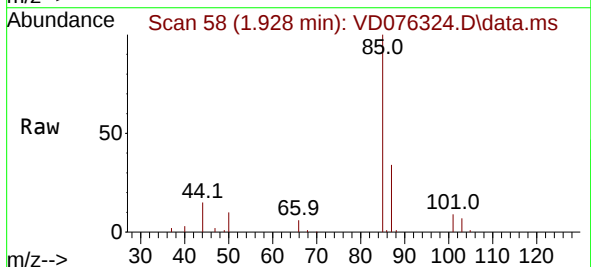
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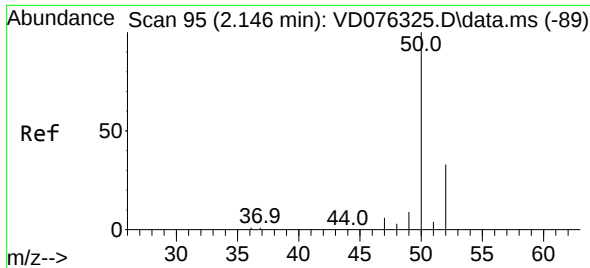
Tgt Ion:168 Resp: 214105
Ion Ratio Lower Upper
168 100
99 42.5 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 20.973 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.006 min
Lab File: VD076324.D
Acq: 05 Jun 2023 13:50

Tgt Ion: 85 Resp: 43485
Ion Ratio Lower Upper
85 100
87 33.8 15.7 47.0

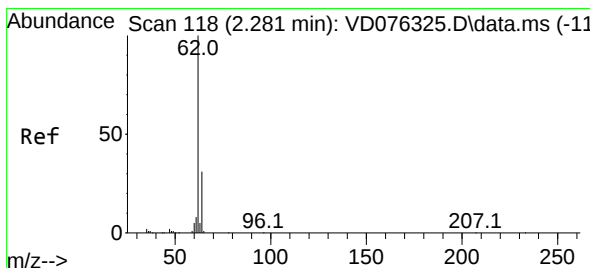
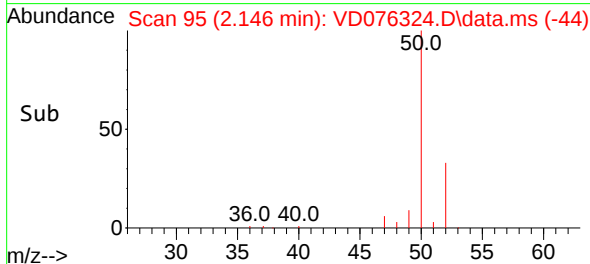
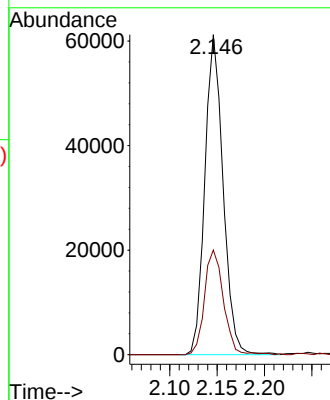
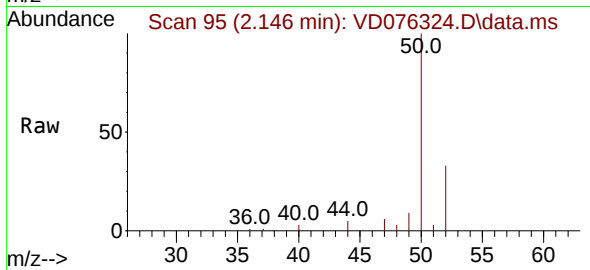




#3
Chloromethane
Concen: 20.548 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076324.D
Acq: 05 Jun 2023 13:50

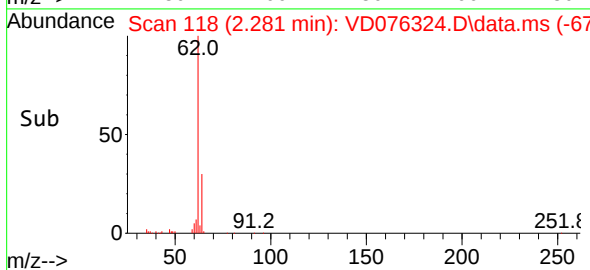
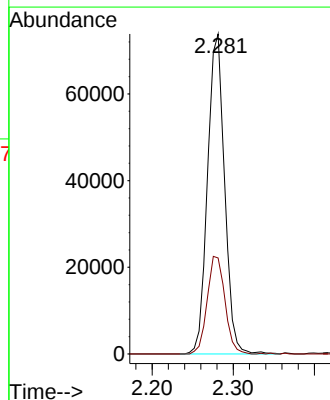
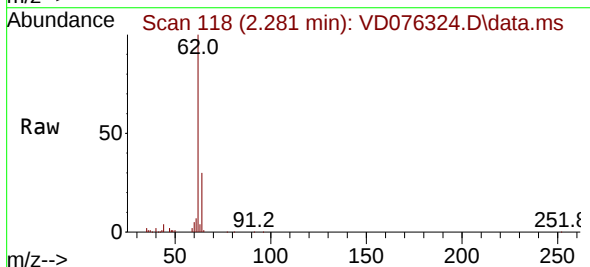
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ClientSampleId :
VSTDICC020

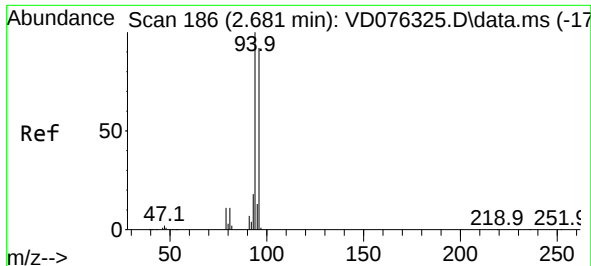
Tgt Ion: 50 Resp: 81866
Ion Ratio Lower Upper
50 100
52 32.7 26.6 40.0



#4
Vinyl Chloride
Concen: 20.535 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.000 min
Lab File: VD076324.D
Acq: 05 Jun 2023 13:50

Tgt Ion: 62 Resp: 107377
Ion Ratio Lower Upper
62 100
64 30.0 26.0 39.0

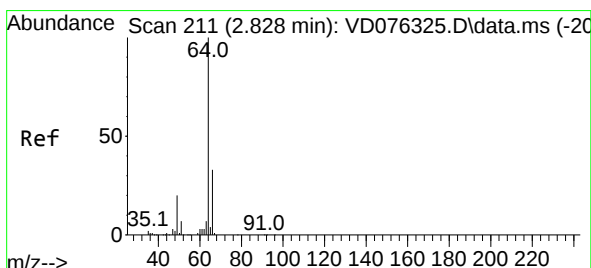
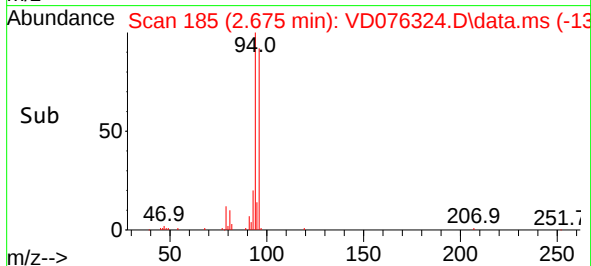
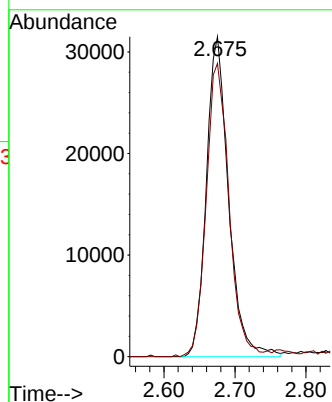
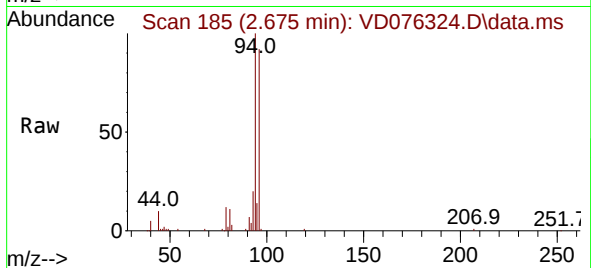




#5
Bromomethane
Concen: 20.196 ug/l
RT: 2.675 min Scan# 185
Delta R.T. -0.006 min
Lab File: VD076324.D
Acq: 05 Jun 2023 13:50

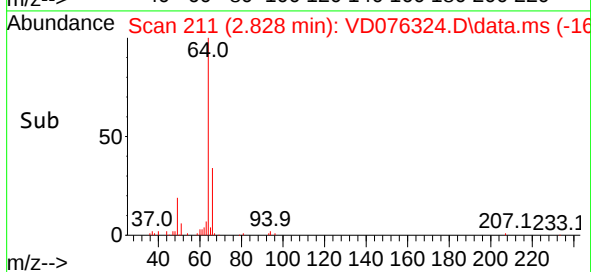
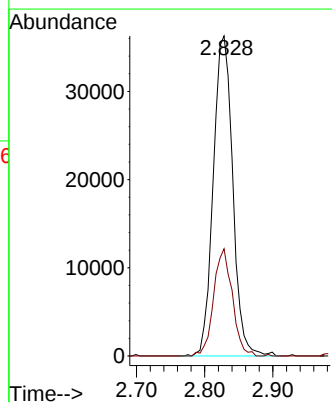
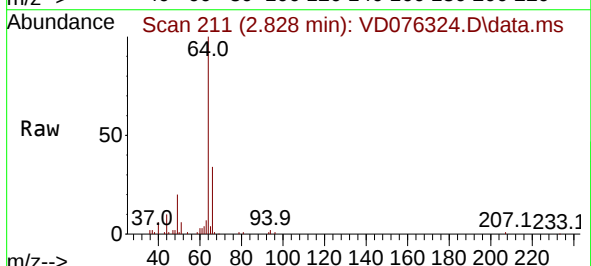
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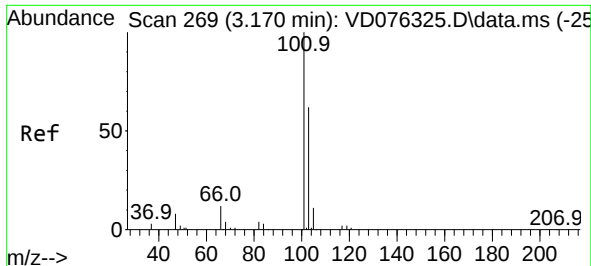
Tgt Ion: 94 Resp: 68518
Ion Ratio Lower Upper
94 100
96 93.9 75.8 113.8



#6
Chloroethane
Concen: 20.596 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.000 min
Lab File: VD076324.D
Acq: 05 Jun 2023 13:50

Tgt Ion: 64 Resp: 72170
Ion Ratio Lower Upper
64 100
66 33.5 25.5 38.3

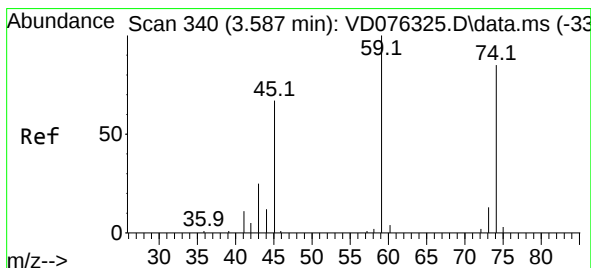
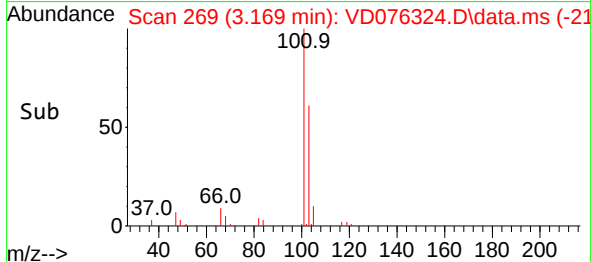
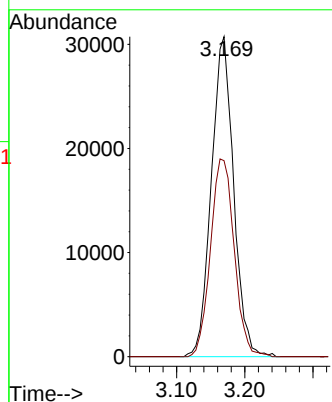
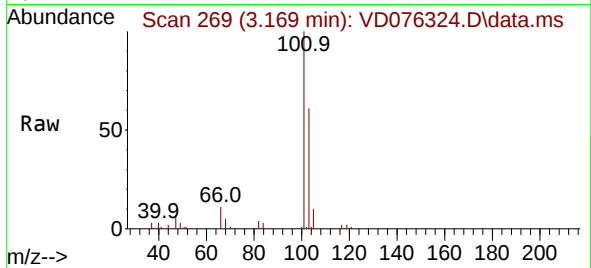




#7
Trichlorofluoromethane
Concen: 20.119 ug/l
RT: 3.169 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD076324.D
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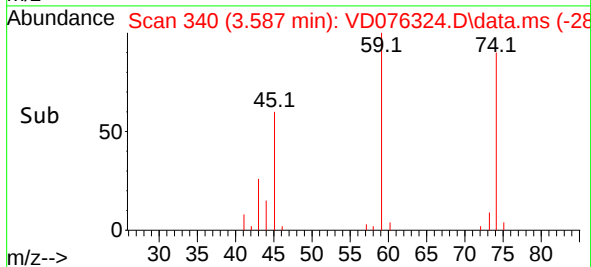
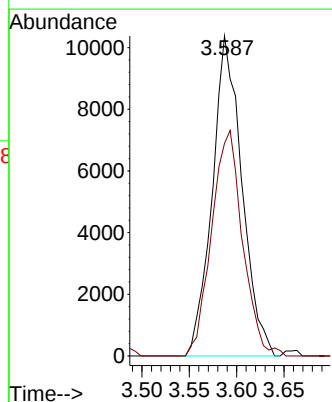
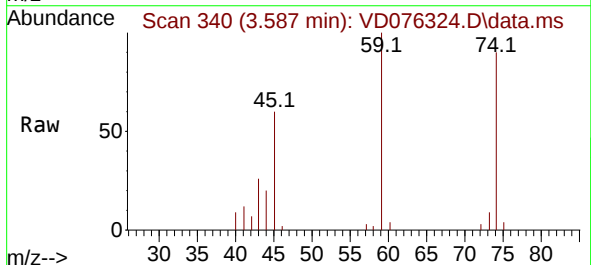
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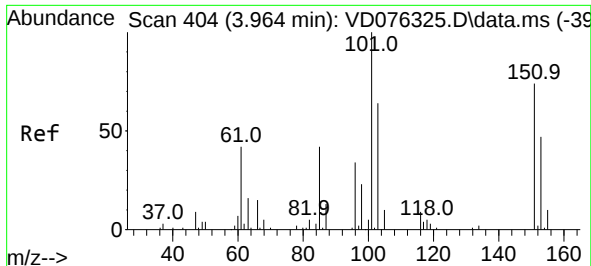
Tgt Ion:101 Resp: 69852
Ion Ratio Lower Upper
101 100
103 61.3 52.3 78.5



#8
Diethyl Ether
Concen: 19.948 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.000 min
Lab File: VD076324.D
Acq: 05 Jun 2023 13:50

Tgt Ion: 74 Resp: 22592
Ion Ratio Lower Upper
74 100
45 73.5 37.5 112.7

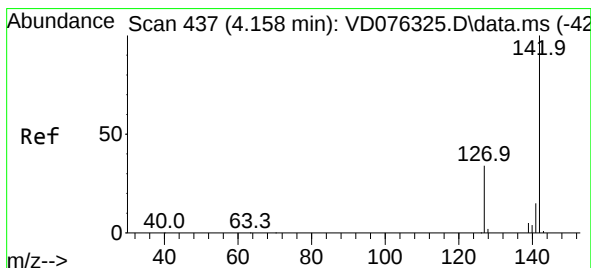
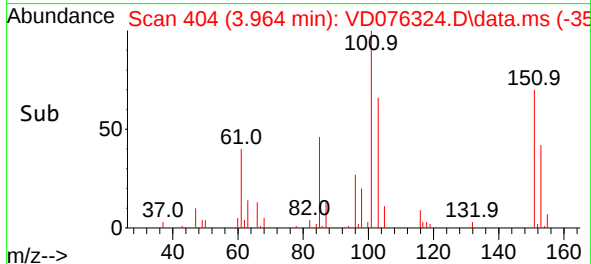
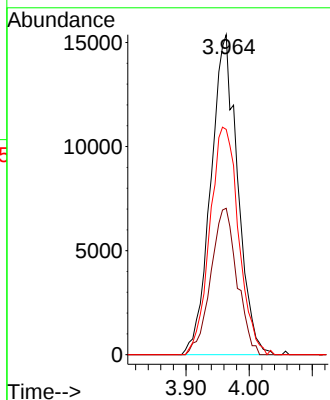
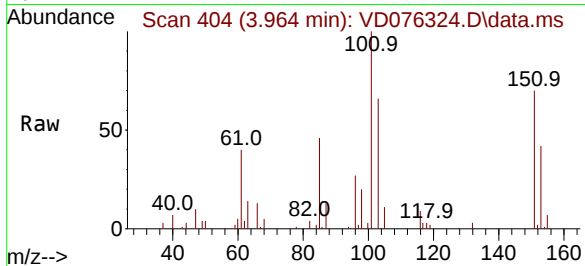




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.437 ug/l
RT: 3.964 min Scan# 404
Delta R.T. -0.000 min
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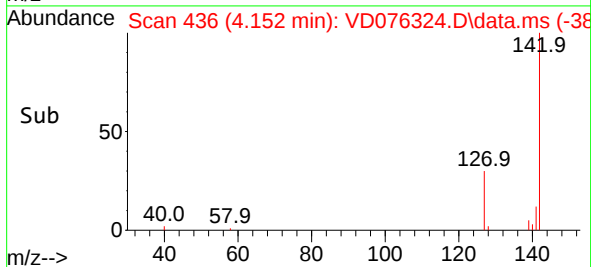
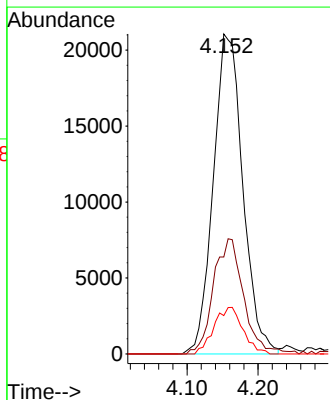
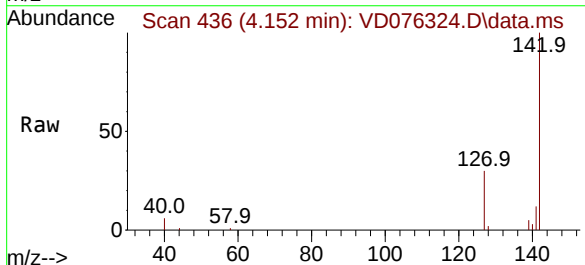
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

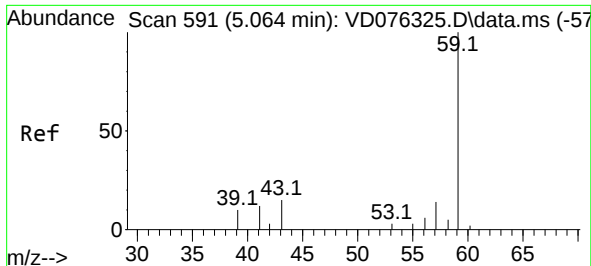
Tgt Ion:101 Resp: 45386
Ion Ratio Lower Upper
101 100
85 44.9 33.8 50.6
151 76.1 59.8 89.6



#10
Methyl Iodide
Concen: 19.669 ug/l
RT: 4.152 min Scan# 436
Delta R.T. -0.006 min
Lab File: VD076324.D
Acq: 05 Jun 2023 13:50

Tgt Ion:142 Resp: 60787
Ion Ratio Lower Upper
142 100
127 36.7 29.4 44.0
141 14.3 11.1 16.7

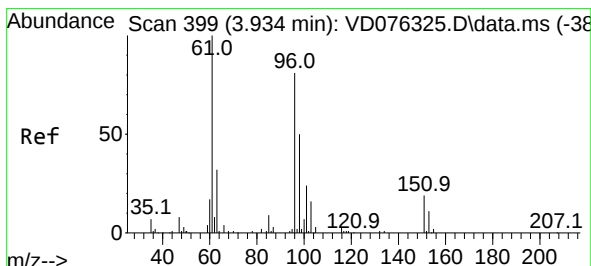
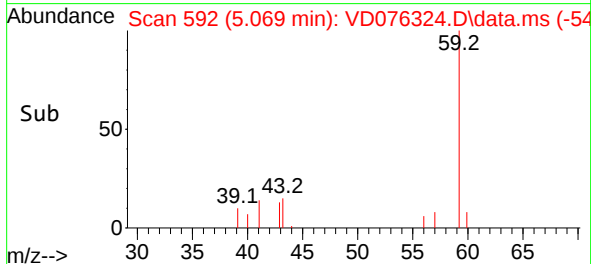
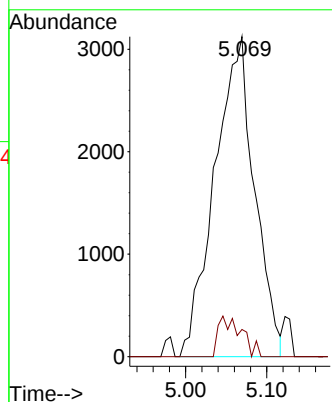
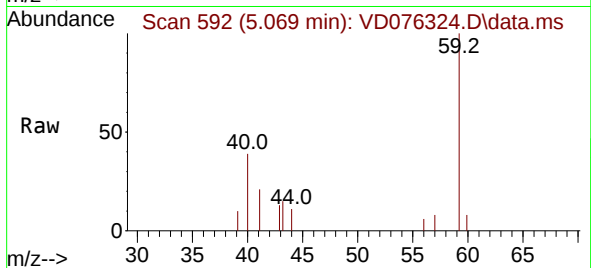




#11
Tert butyl alcohol
Concen: 99.101 ug/l
RT: 5.069 min Scan# 591
Delta R.T. 0.006 min
Lab File: VD076324.D
Acq: 05 Jun 2023 13:50

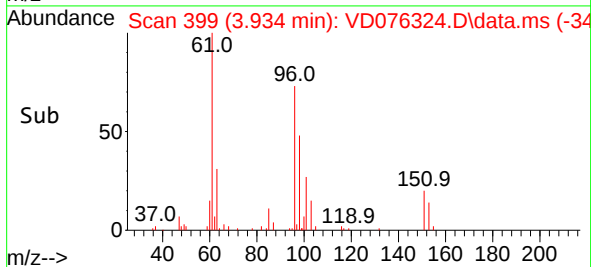
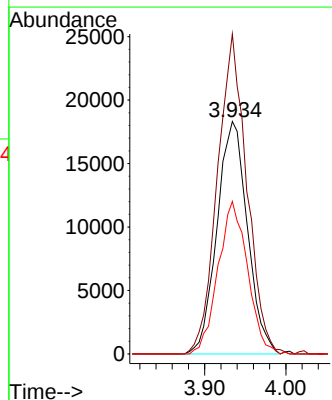
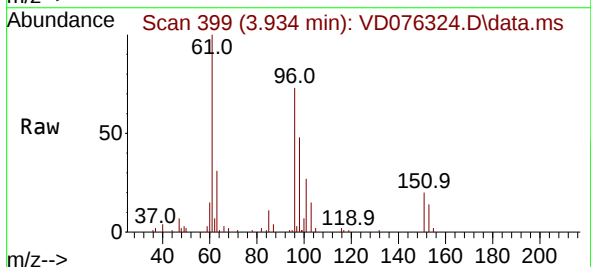
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

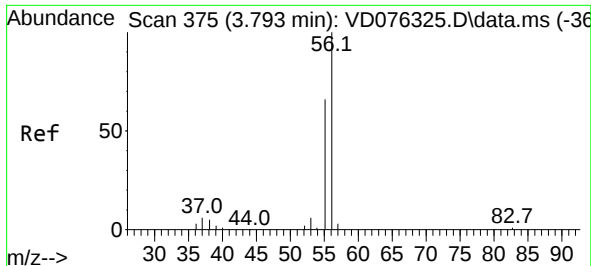
Tgt Ion: 59 Resp: 10625
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 20.221 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.000 min
Lab File: VD076324.D
Acq: 05 Jun 2023 13:50

Tgt Ion: 96 Resp: 47670
Ion Ratio Lower Upper
96 100
61 137.6 100.6 150.8
98 65.5 50.2 75.2

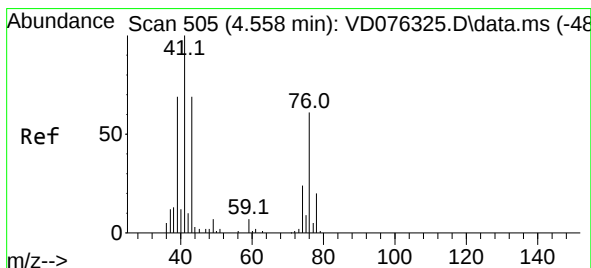
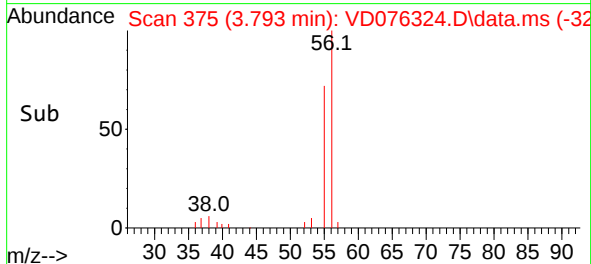
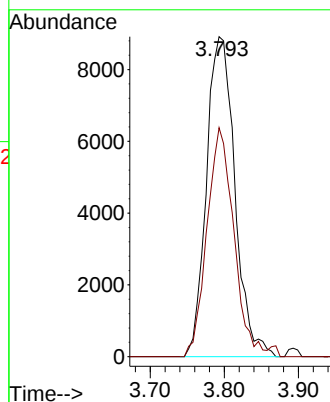
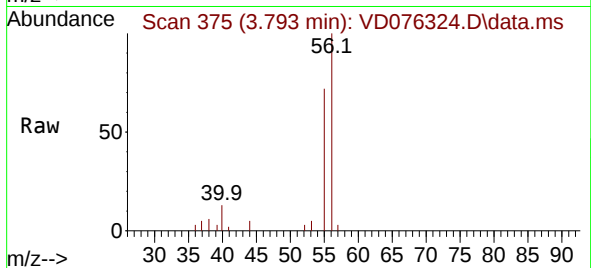




#13
Acrolein
Concen: 101.794 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD076324.D
Acq: 05 Jun 2023 13:50

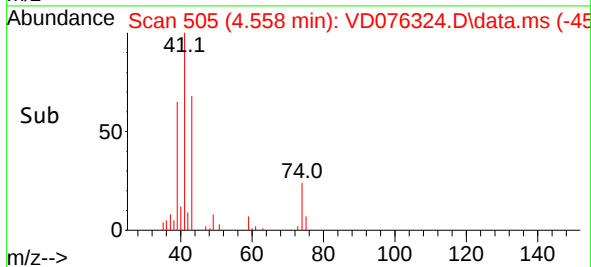
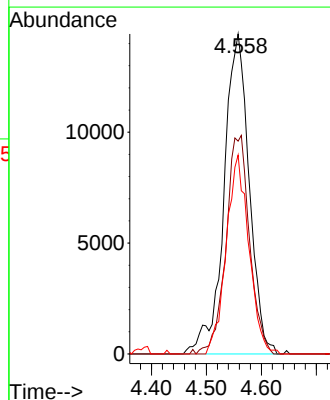
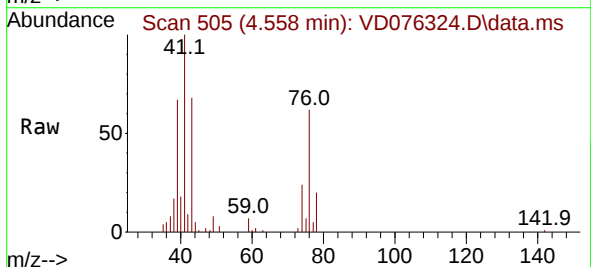
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

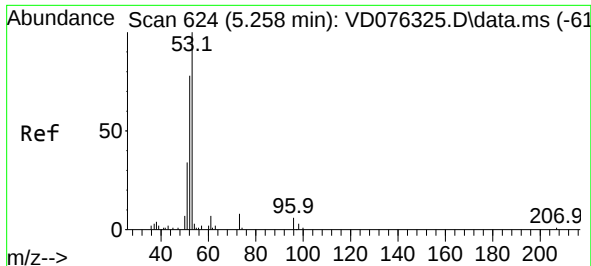
Tgt Ion: 56 Resp: 23744
Ion Ratio Lower Upper
56 100
55 67.6 55.1 82.7



#14
Allyl chloride
Concen: 19.889 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.000 min
Lab File: VD076324.D
Acq: 05 Jun 2023 13:50

Tgt Ion: 41 Resp: 46072
Ion Ratio Lower Upper
41 100
39 64.0 53.8 80.6
76 55.7 45.8 68.8

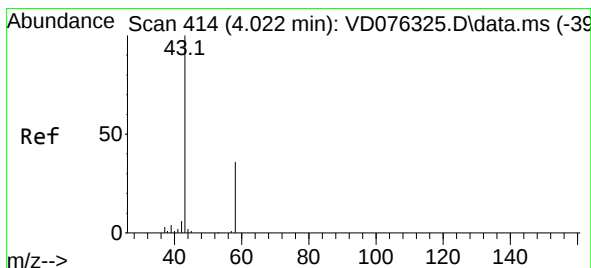
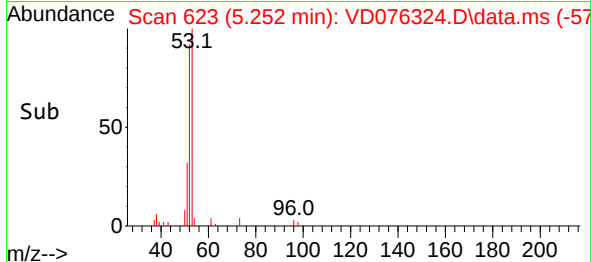
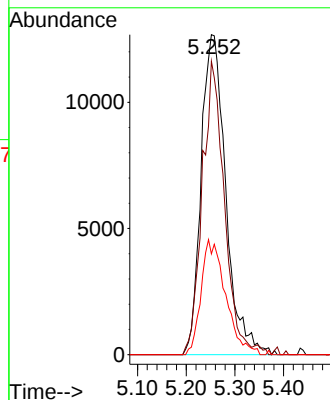
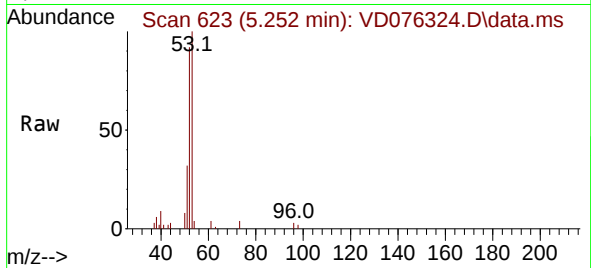




#15
Acrylonitrile
Concen: 98.657 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD076324.D
Acq: 05 Jun 2023 13:50

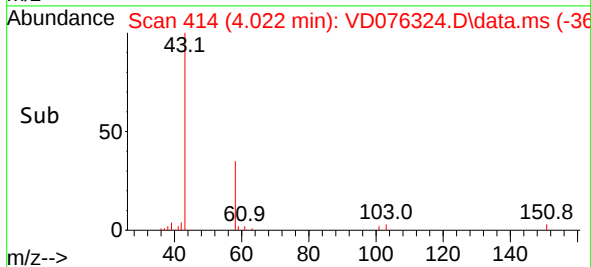
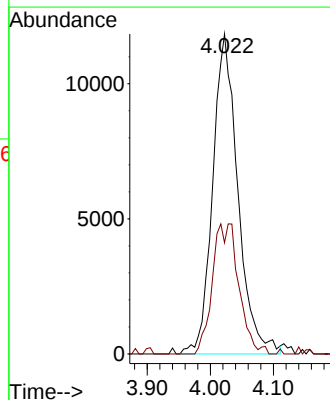
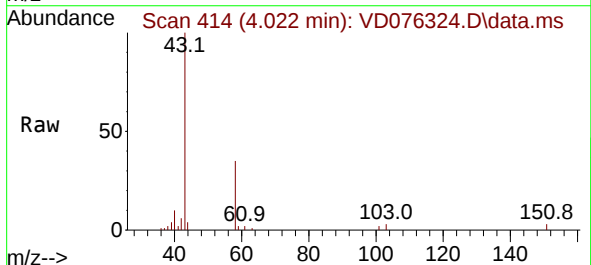
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

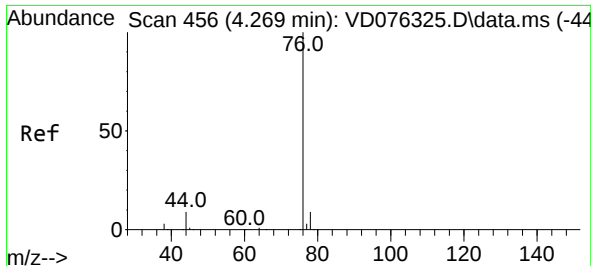
Tgt Ion: 53 Resp: 44617
Ion Ratio Lower Upper
53 100
52 81.2 65.0 97.4
51 35.7 28.3 42.5



#16
Acetone
Concen: 93.388 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD076324.D
Acq: 05 Jun 2023 13:50

Tgt Ion: 43 Resp: 32814
Ion Ratio Lower Upper
43 100
58 34.8 34.7 52.1

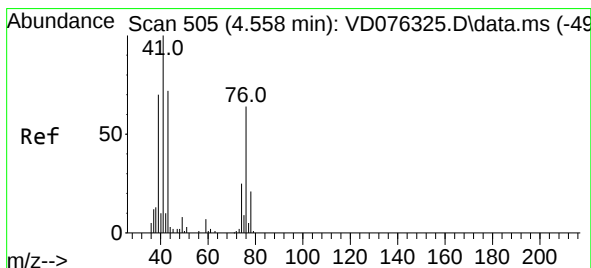
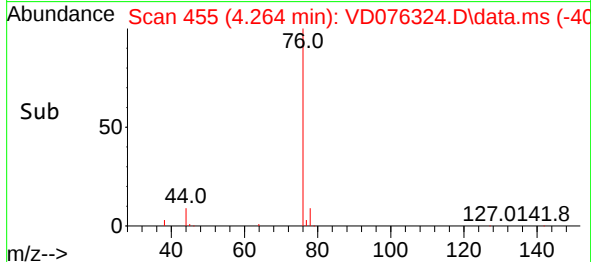
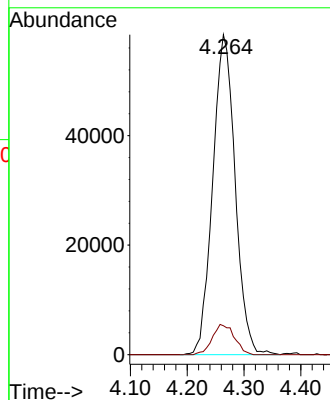
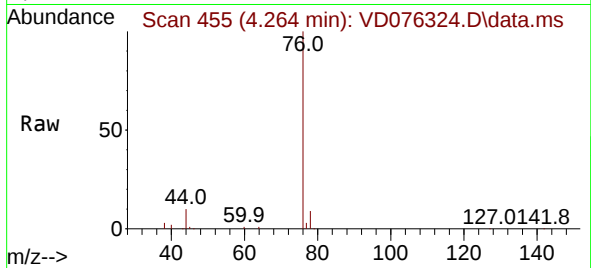




#17
Carbon Disulfide
Concen: 20.373 ug/l
RT: 4.264 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD076324.D
Acq: 05 Jun 2023 13:50

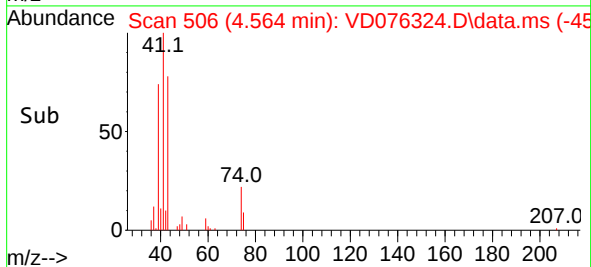
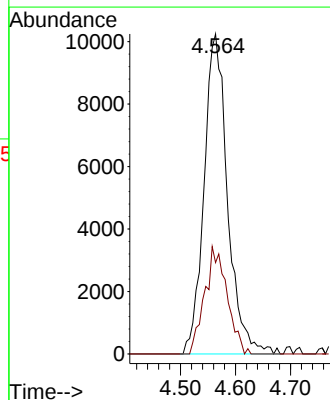
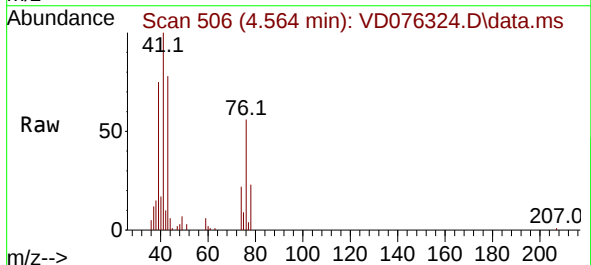
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

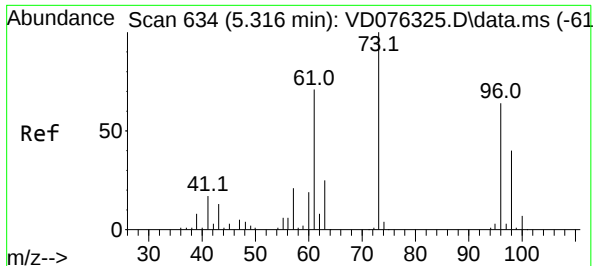
Tgt Ion: 76 Resp: 160198
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2



#18
Methyl Acetate
Concen: 20.464 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD076324.D
Acq: 05 Jun 2023 13:50

Tgt Ion: 43 Resp: 30493
Ion Ratio Lower Upper
43 100
74 31.8 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 19.600 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.000 min

Lab File: VD076324.D

Acq: 05 Jun 2023 13:50

Instrument :

MSVOA_D

ClientSampleId :

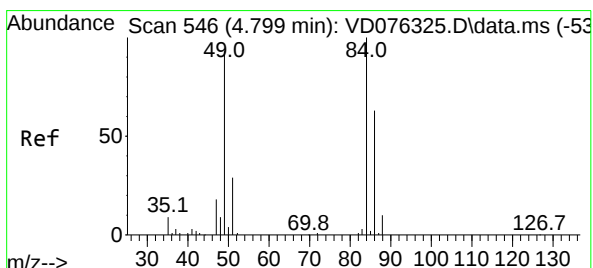
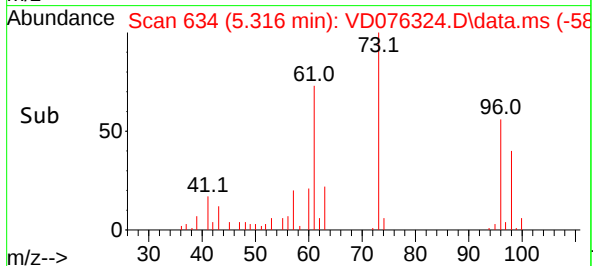
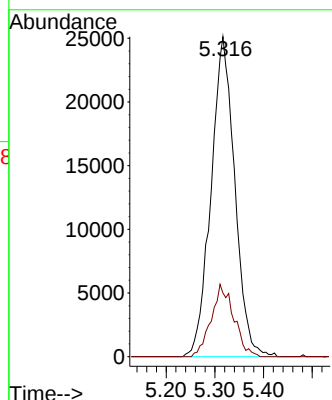
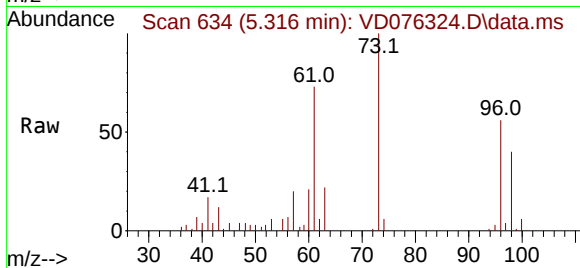
VSTDIC020

Tgt Ion: 73 Resp: 85128

Ion Ratio Lower Upper

73 100

57 19.9 16.6 25.0



#20

Methylene Chloride

Concen: 20.106 ug/l

RT: 4.793 min Scan# 545

Delta R.T. -0.006 min

Lab File: VD076324.D

Acq: 05 Jun 2023 13:50

Tgt Ion: 84 Resp: 67062

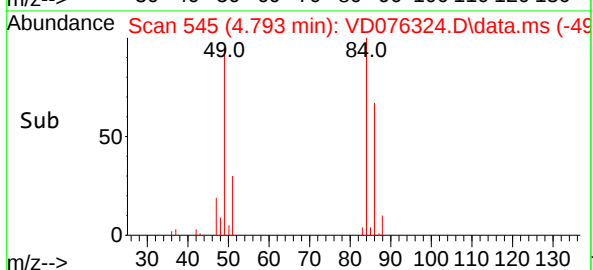
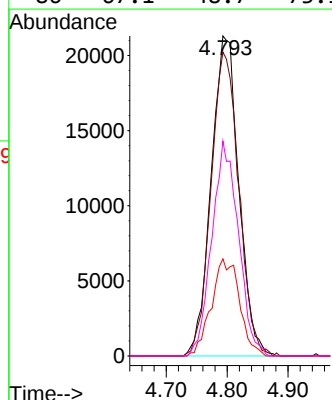
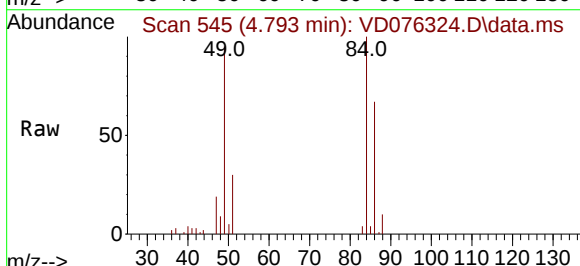
Ion Ratio Lower Upper

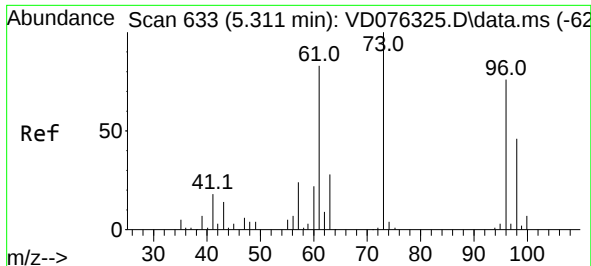
84 100

49 95.0 71.4 107.2

51 30.3 24.5 36.7

86 67.1 48.7 73.1

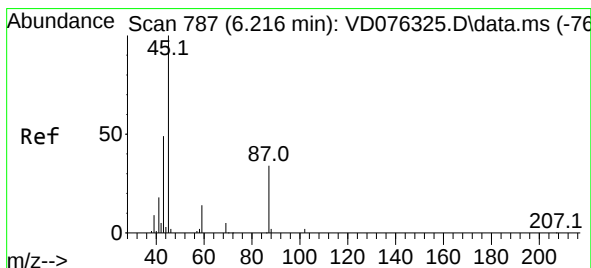
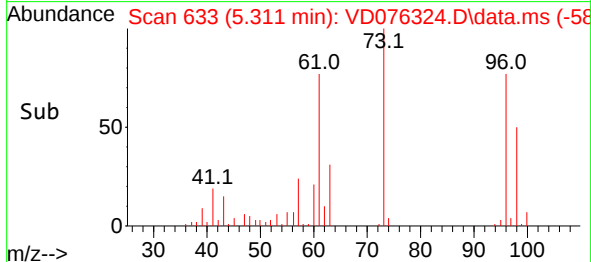
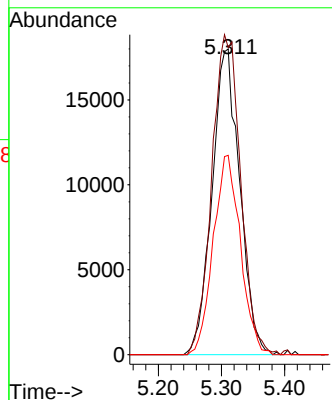
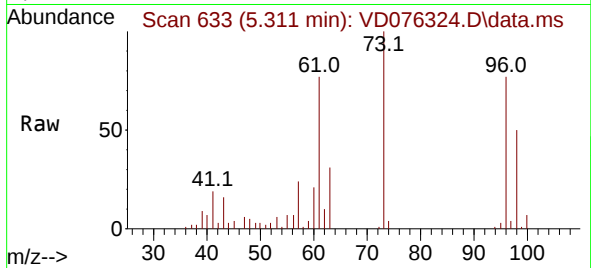




#21
trans-1,2-Dichloroethene
Concen: 20.122 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD076324.D
Acq: 05 Jun 2023 13:50

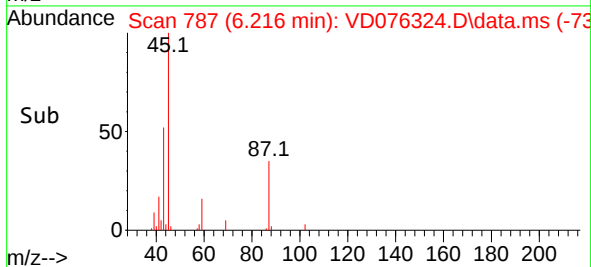
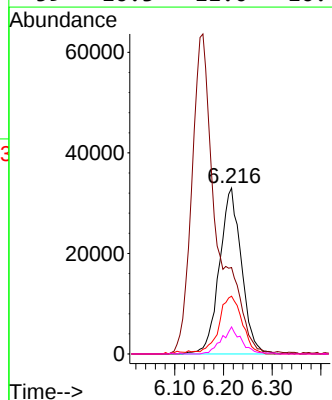
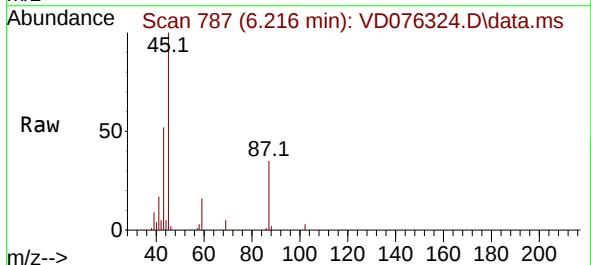
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

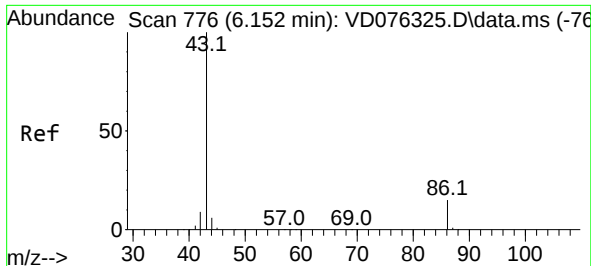
Tgt Ion: 96 Resp: 54970
Ion Ratio Lower Upper
96 100
61 100.5 89.3 133.9
98 65.2 48.6 73.0



#22
Diisopropyl ether
Concen: 20.080 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.000 min
Lab File: VD076324.D
Acq: 05 Jun 2023 13:50

Tgt Ion: 45 Resp: 103445
Ion Ratio Lower Upper
45 100
43 50.9 40.0 60.0
87 34.9 28.2 42.4
59 16.3 11.0 16.4

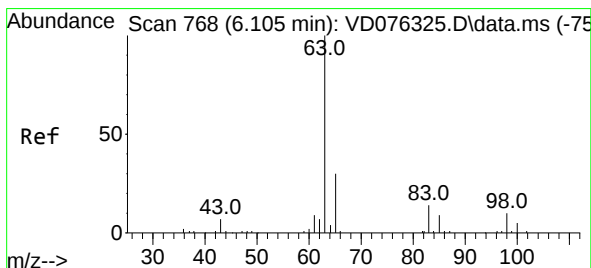
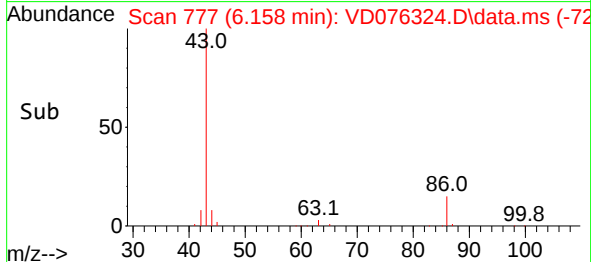
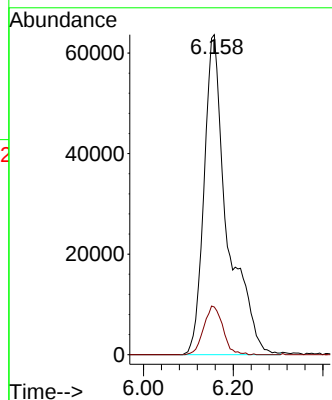
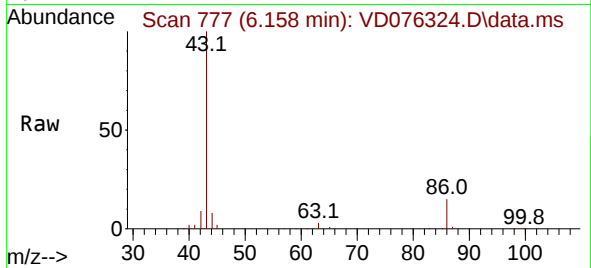




#23
 Vinyl Acetate
 Concen: 117.135 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. 0.006 min
 Lab File: VD076324.D
 Acq: 05 Jun 2023 13:50

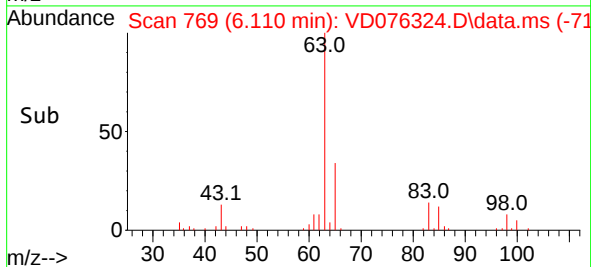
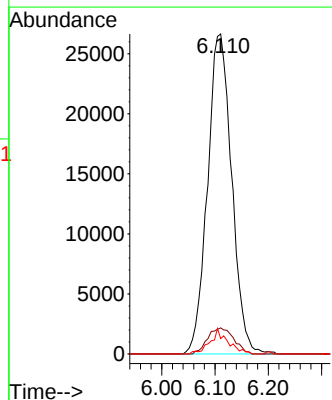
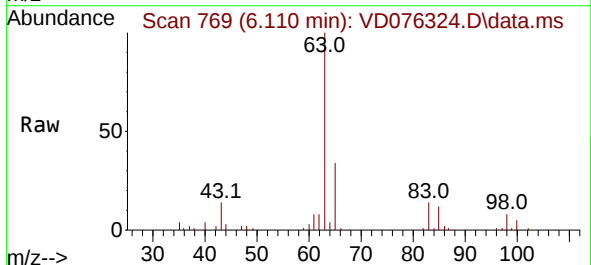
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

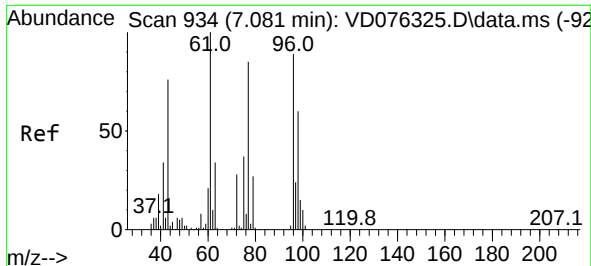
Tgt Ion: 43 Resp: 229491
 Ion Ratio Lower Upper
 43 100
 86 14.9 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 19.957 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.006 min
 Lab File: VD076324.D
 Acq: 05 Jun 2023 13:50

Tgt Ion: 63 Resp: 83963
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.5 13.7
 100 4.8 2.5 7.5





#25

2-Butanone

Concen: 96.642 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD076324.D

Acq: 05 Jun 2023 13:50

Instrument :

MSVOA_D

ClientSampleId :

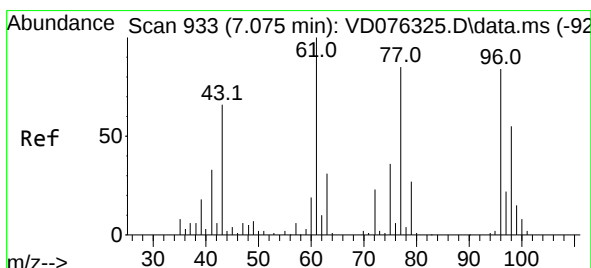
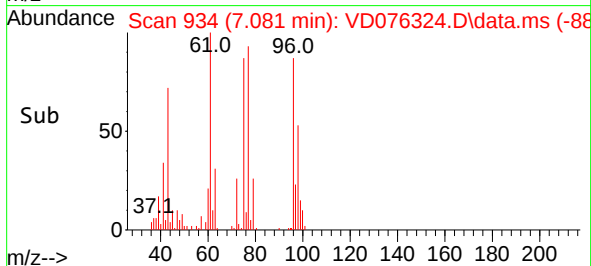
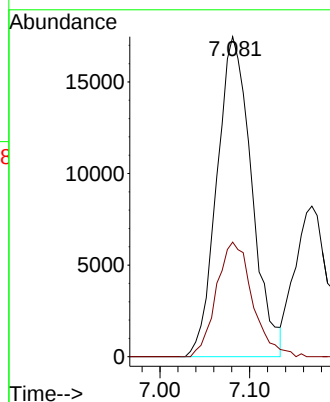
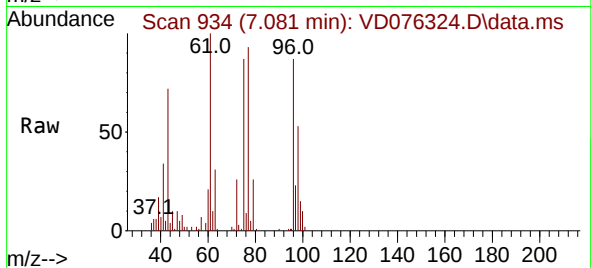
VSTDIC020

Tgt Ion: 43 Resp: 47021

Ion Ratio Lower Upper

43 100

72 35.8 30.7 46.1



#26

2,2-Dichloropropane

Concen: 20.295 ug/l

RT: 7.069 min Scan# 932

Delta R.T. -0.006 min

Lab File: VD076324.D

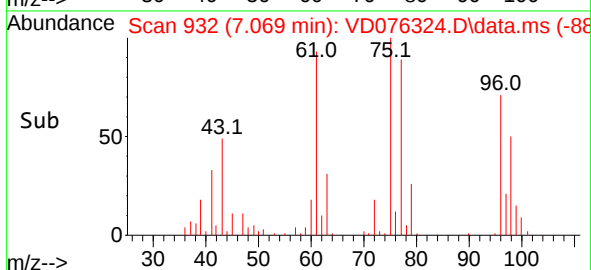
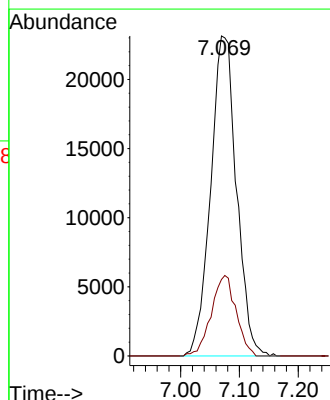
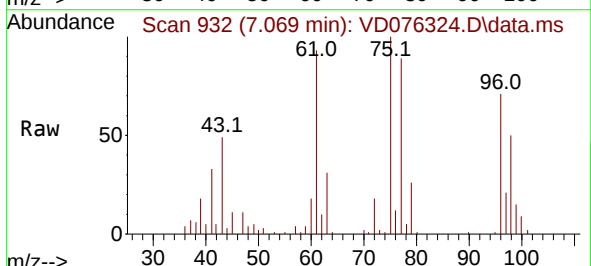
Acq: 05 Jun 2023 13:50

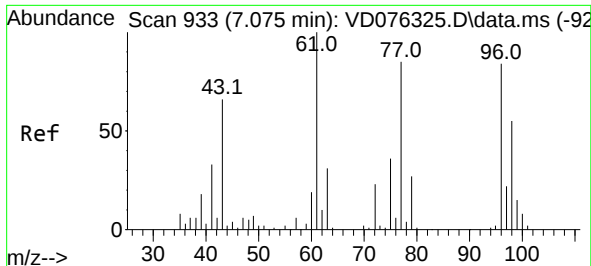
Tgt Ion: 77 Resp: 70708

Ion Ratio Lower Upper

77 100

97 24.1 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 19.601 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD076324.D

Acq: 05 Jun 2023 13:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

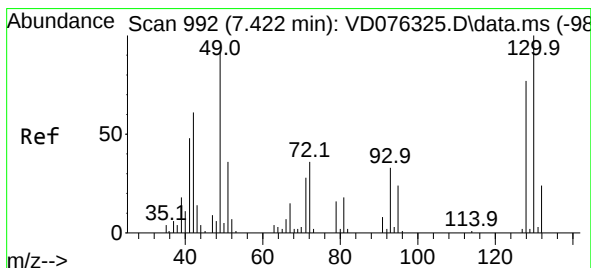
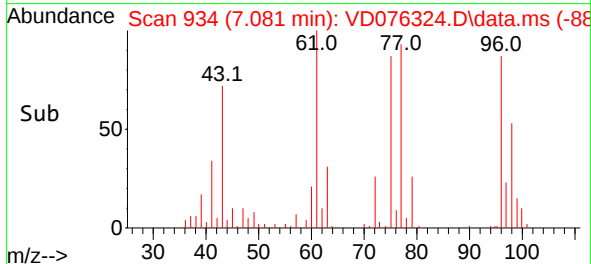
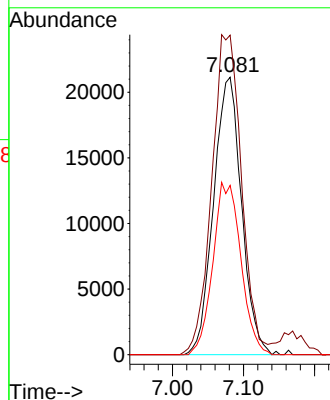
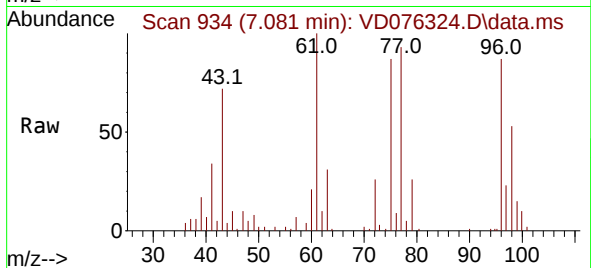
Tgt Ion: 96 Resp: 57845

Ion Ratio Lower Upper

96 100

61 122.4 0.0 239.2

98 62.1 0.0 128.6



#28

Bromochloromethane

Concen: 21.353 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.006 min

Lab File: VD076324.D

Acq: 05 Jun 2023 13:50

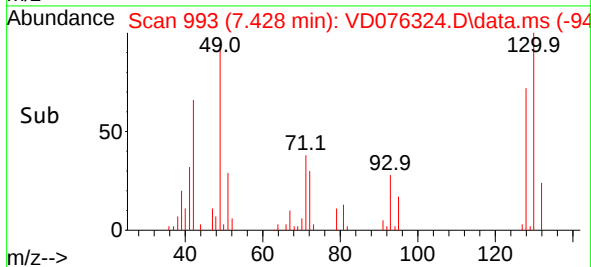
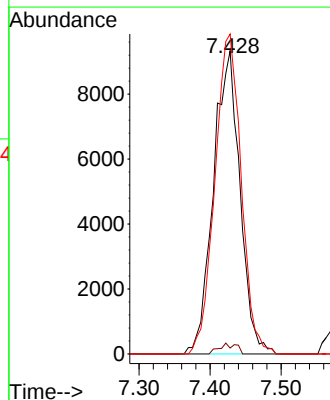
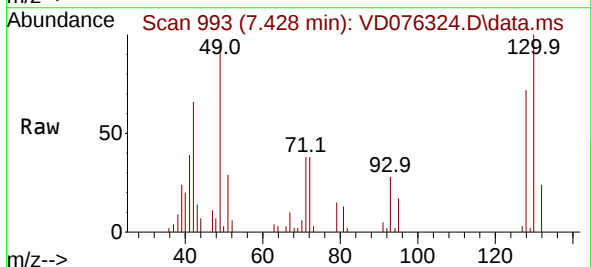
Tgt Ion: 49 Resp: 24220

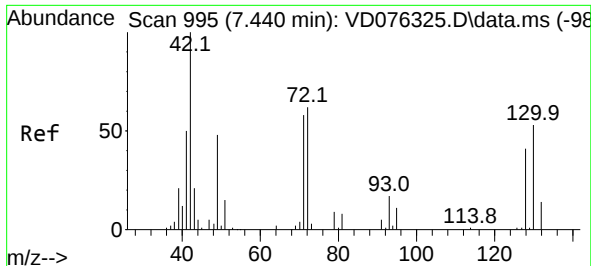
Ion Ratio Lower Upper

49 100

129 2.3 0.0 6.0

130 104.6 83.2 124.8





#29

Tetrahydrofuran

Concen: 97.109 ug/l

RT: 7.446 min Scan# 995

Delta R.T. 0.006 min

Lab File: VD076324.D

Acq: 05 Jun 2023 13:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

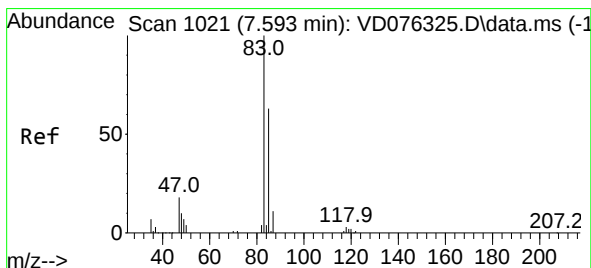
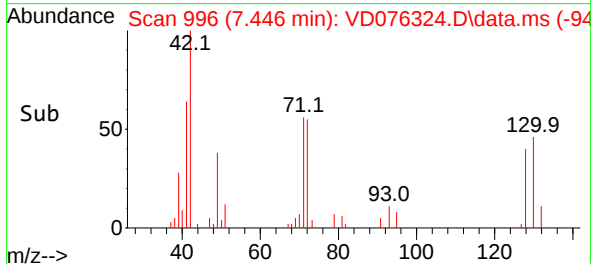
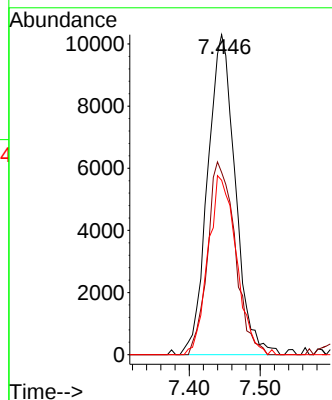
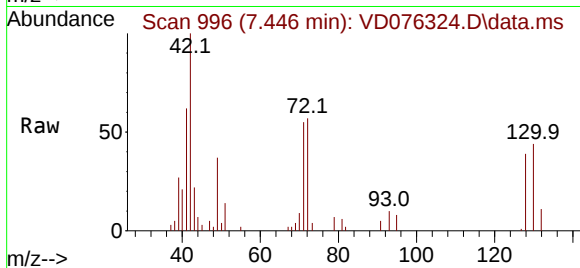
Tgt Ion: 42 Resp: 27875

Ion Ratio Lower Upper

42 100

72 59.7 46.5 69.7

71 57.1 44.5 66.7



#30

Chloroform

Concen: 19.867 ug/l

RT: 7.587 min Scan# 1020

Delta R.T. -0.006 min

Lab File: VD076324.D

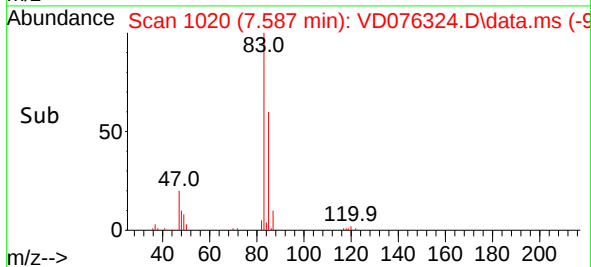
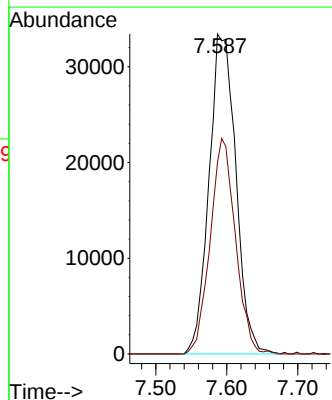
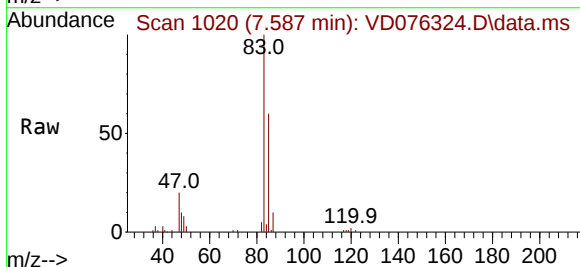
Acq: 05 Jun 2023 13:50

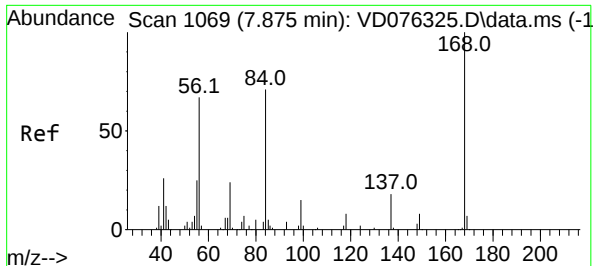
Tgt Ion: 83 Resp: 87726

Ion Ratio Lower Upper

83 100

85 59.8 53.4 80.2

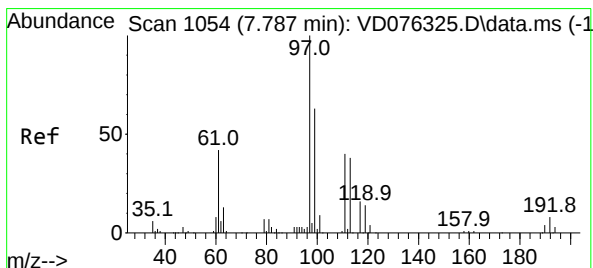
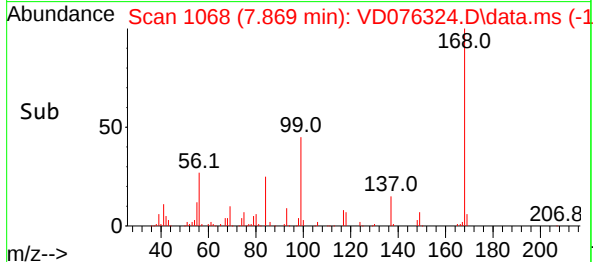
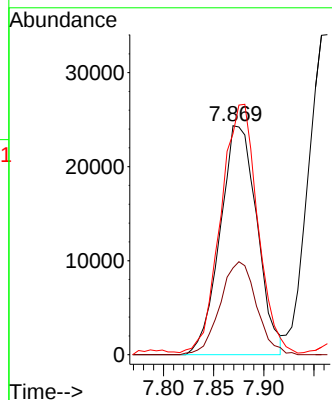
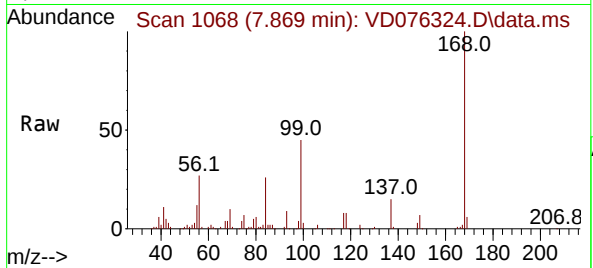




#31
Cyclohexane
Concen: 19.333 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076324.D
Acq: 05 Jun 2023 13:50

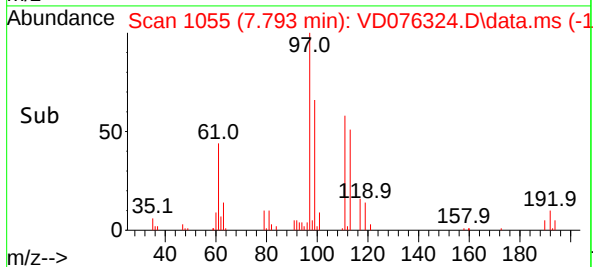
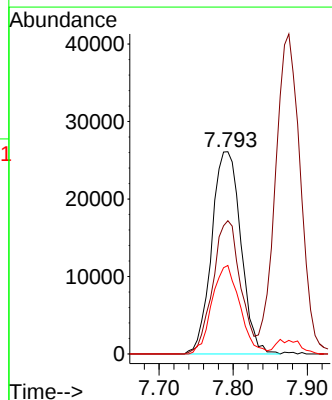
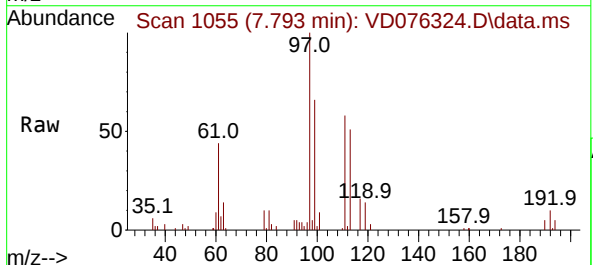
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

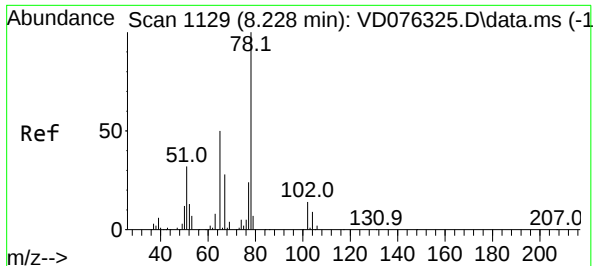
Tgt Ion: 56 Resp: 62268
Ion Ratio Lower Upper
56 100
69 37.9 28.6 43.0
84 95.6 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 20.264 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VD076324.D
Acq: 05 Jun 2023 13:50

Tgt Ion: 97 Resp: 71255
Ion Ratio Lower Upper
97 100
99 62.0 52.0 78.0
61 42.1 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 20.055 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076324.D

Acq: 05 Jun 2023 13:50

Instrument :

MSVOA_D

ClientSampleId :

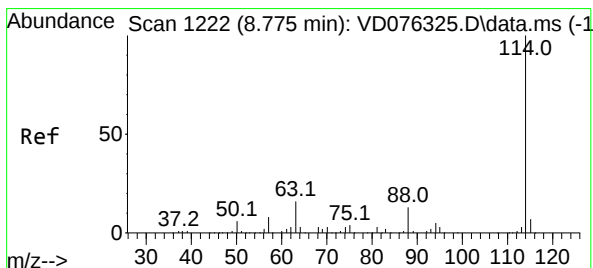
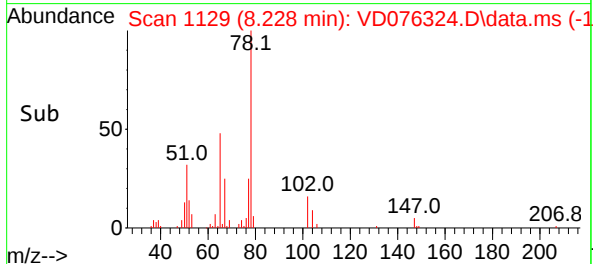
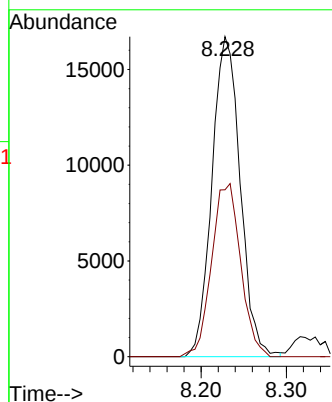
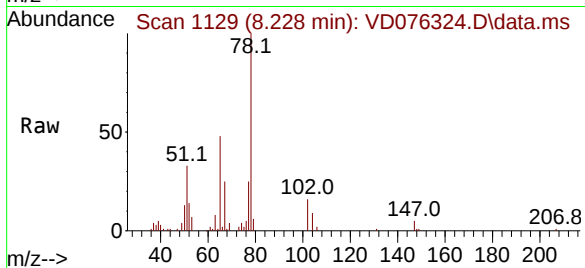
VSTDIC020

Tgt Ion: 65 Resp: 38473

Ion Ratio Lower Upper

65 100

67 55.6 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: VD076324.D

Acq: 05 Jun 2023 13:50

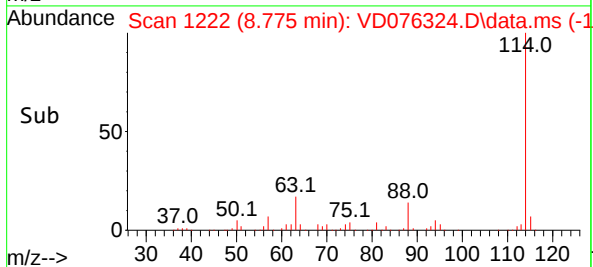
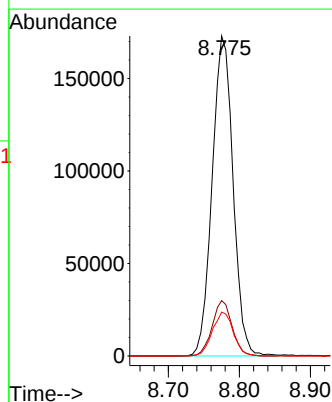
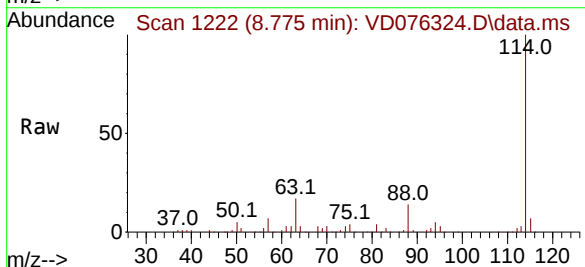
Tgt Ion: 114 Resp: 353539

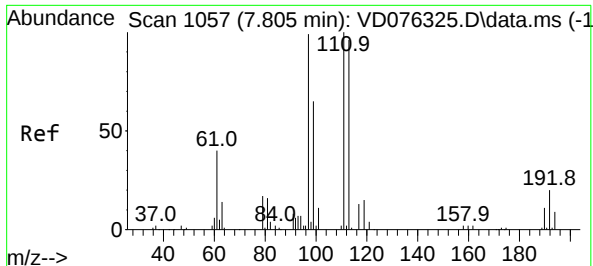
Ion Ratio Lower Upper

114 100

63 17.3 0.0 33.4

88 13.7 0.0 26.2





#35

Dibromofluoromethane

Concen: 19.175 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076324.D

Acq: 05 Jun 2023 13:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

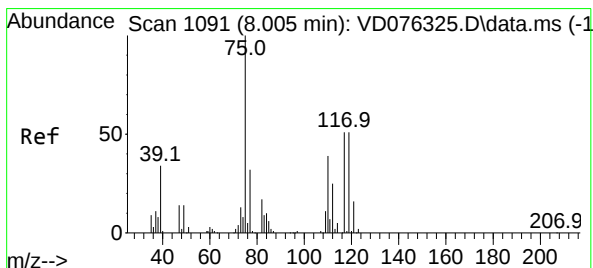
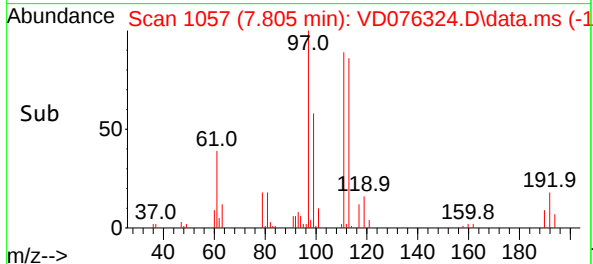
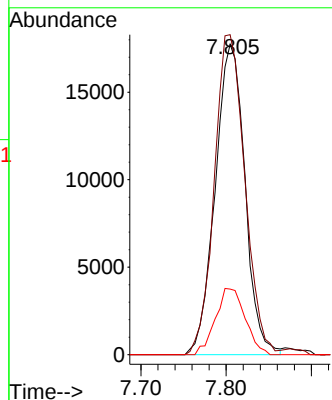
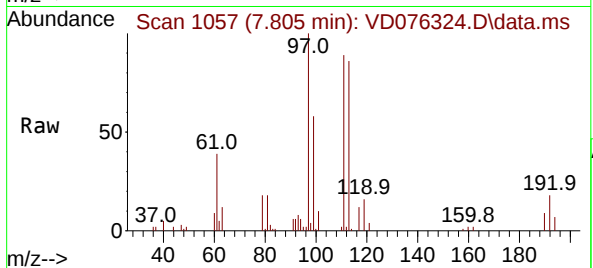
Tgt Ion:113 Resp: 43044

Ion Ratio Lower Upper

113 100

111 105.6 84.7 127.1

192 21.3 16.8 25.2



#36

1,1-Dichloropropene

Concen: 20.317 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.006 min

Lab File: VD076324.D

Acq: 05 Jun 2023 13:50

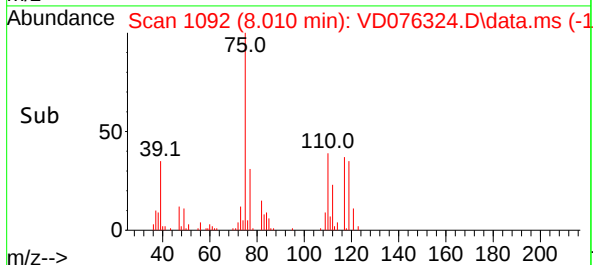
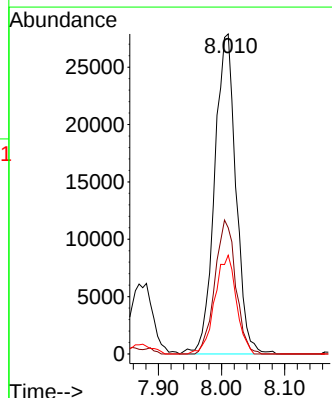
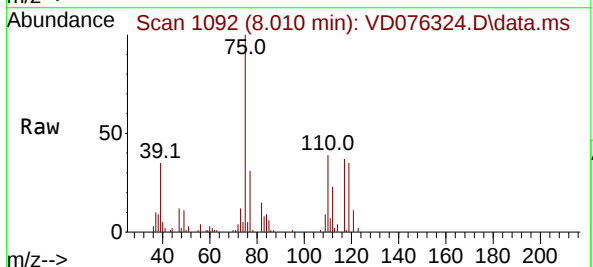
Tgt Ion: 75 Resp: 65526

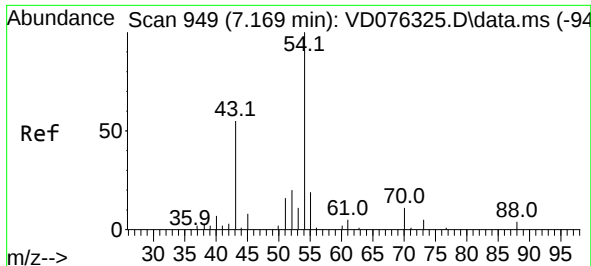
Ion Ratio Lower Upper

75 100

110 40.8 19.9 59.6

77 31.1 24.7 37.1





#37

Ethyl Acetate

Concen: 20.929 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.000 min

Lab File: VD076324.D

Acq: 05 Jun 2023 13:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

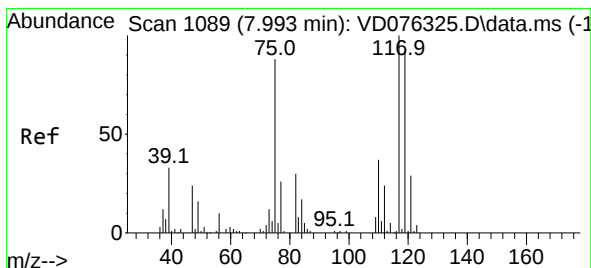
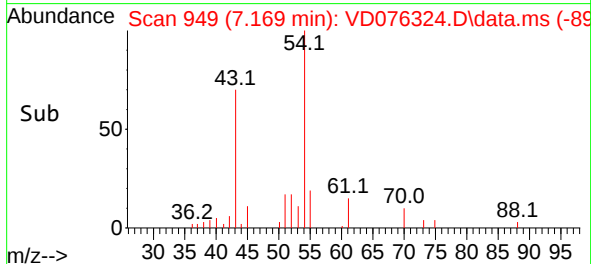
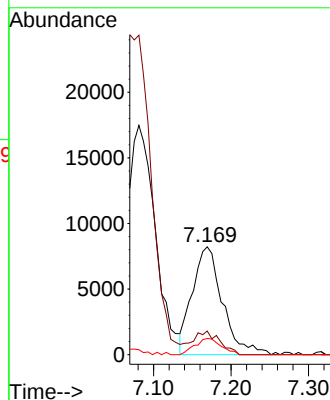
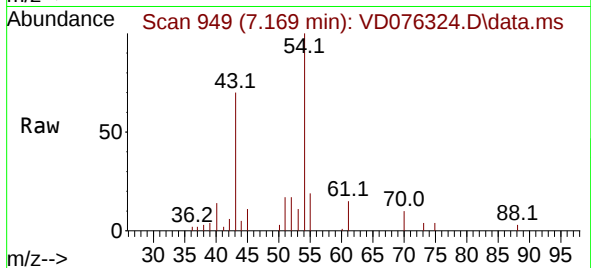
Tgt Ion: 43 Resp: 22269

Ion Ratio Lower Upper

43 100

61 18.9 14.9 22.3

70 13.0 10.0 15.0



#38

Carbon Tetrachloride

Concen: 20.208 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD076324.D

Acq: 05 Jun 2023 13:50

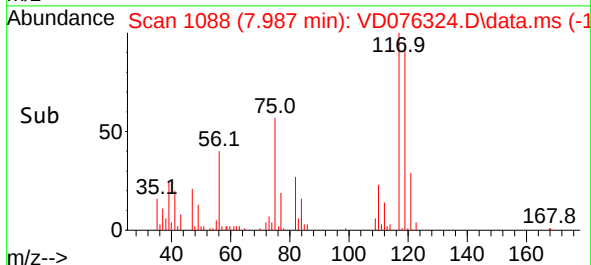
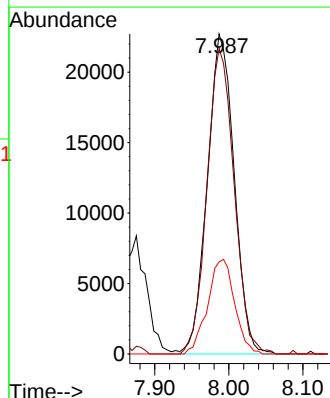
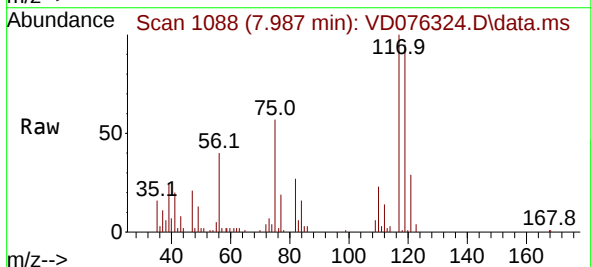
Tgt Ion: 117 Resp: 57132

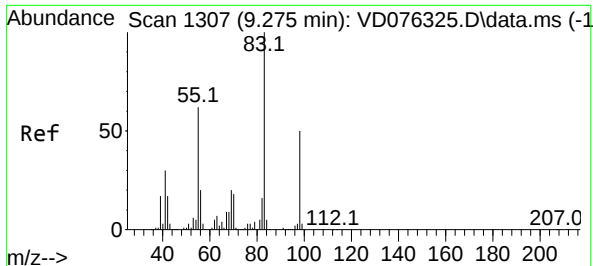
Ion Ratio Lower Upper

117 100

119 95.5 78.0 117.0

121 28.8 24.2 36.2





#39

Methylcyclohexane

Concen: 19.875 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD076324.D

Acq: 05 Jun 2023 13:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

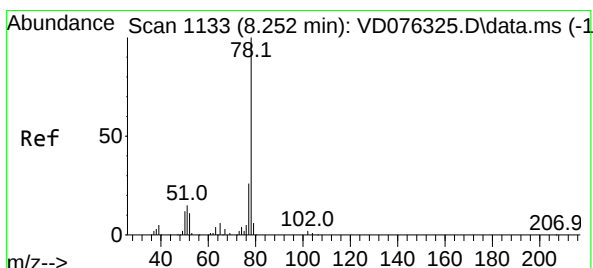
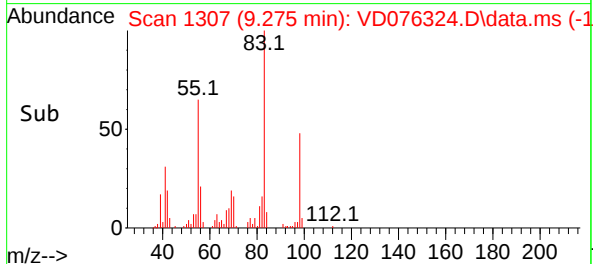
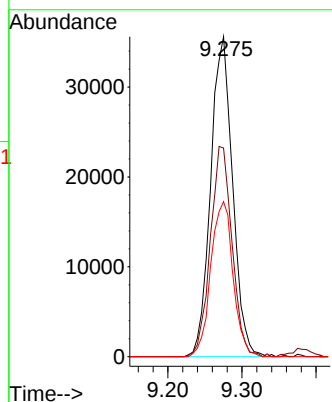
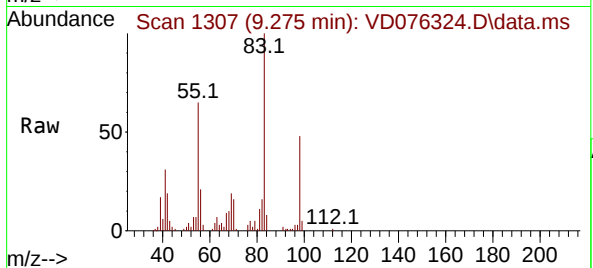
Tgt Ion: 83 Resp: 73239

Ion Ratio Lower Upper

83 100

55 65.2 49.4 74.0

98 48.5 38.4 57.6



#40

Benzene

Concen: 19.859 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD076324.D

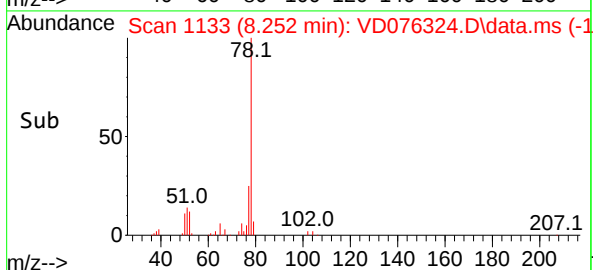
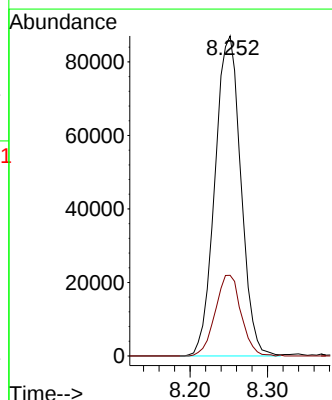
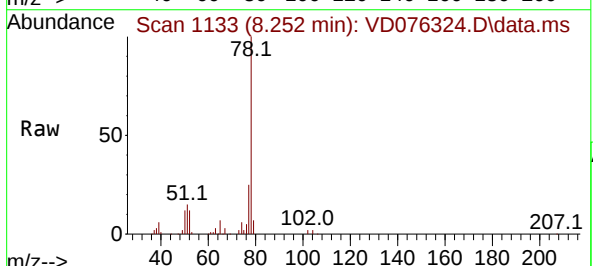
Acq: 05 Jun 2023 13:50

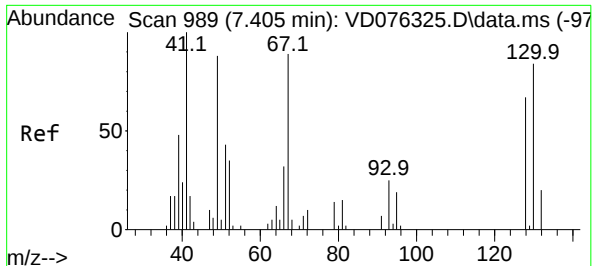
Tgt Ion: 78 Resp: 202607

Ion Ratio Lower Upper

78 100

77 25.2 19.4 29.0

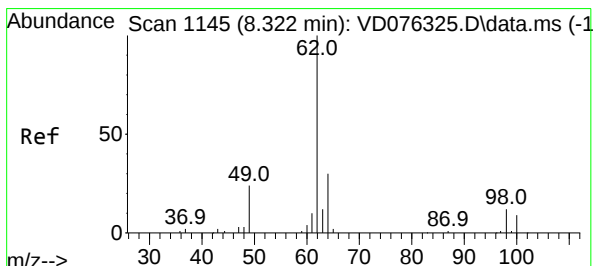
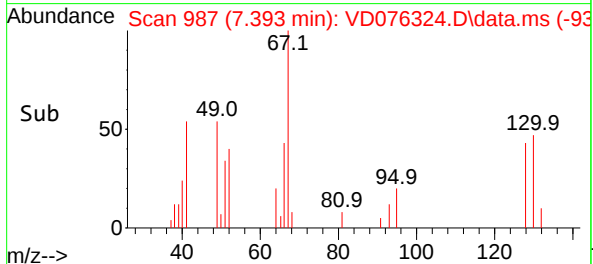
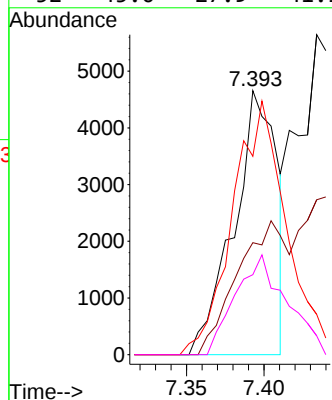
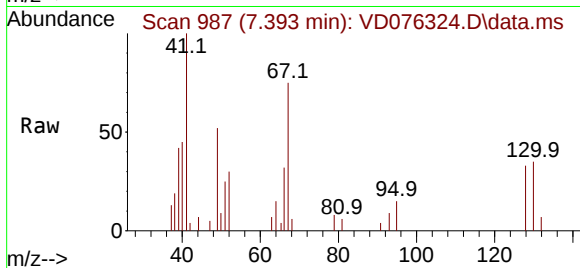




#41
Methacrylonitrile
Concen: 16.523 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD076324.D
Acq: 05 Jun 2023 13:50

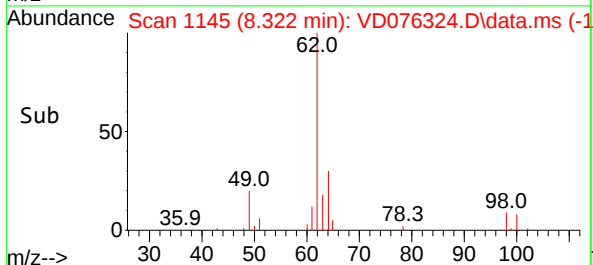
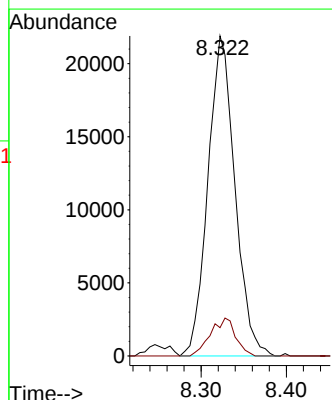
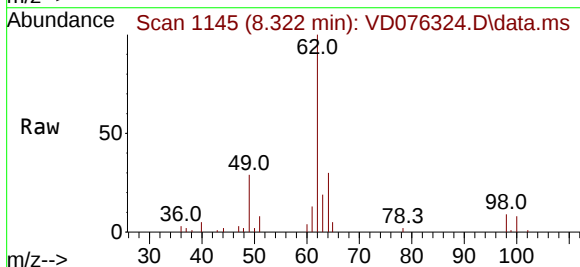
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

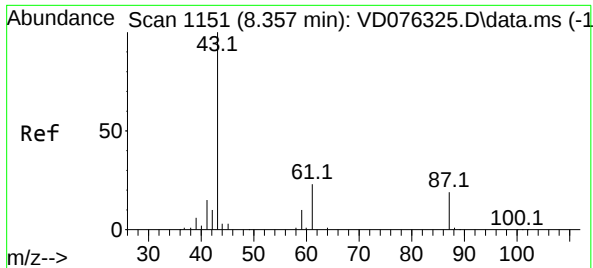
Tgt Ion:	41	Resp:	8957
Ion	Ratio	Lower	Upper
41	100		
39	59.1	34.0	51.0#
67	121.7	77.0	115.4#
52	45.0	27.9	41.9#



#42
1,2-Dichloroethane
Concen: 20.467 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VD076324.D
Acq: 05 Jun 2023 13:50

Tgt Ion:	62	Resp:	48226
Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	25.4

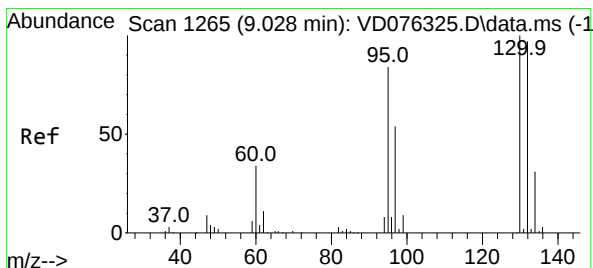
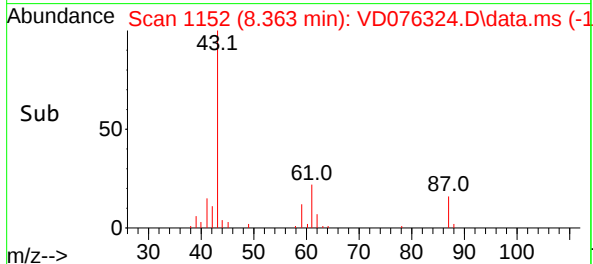
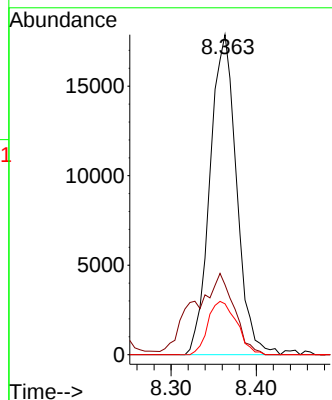
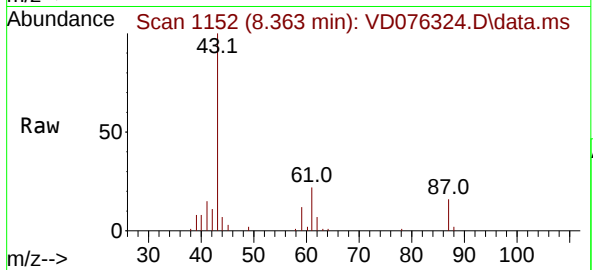




#43
Isopropyl Acetate
Concen: 20.297 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.006 min
Lab File: VD076324.D
Acq: 05 Jun 2023 13:50

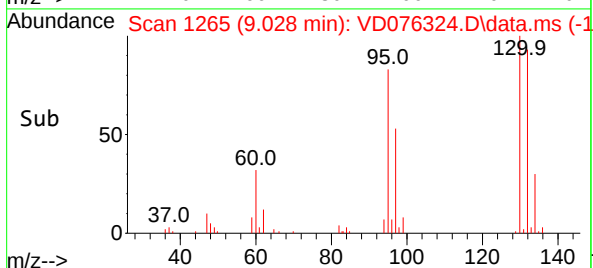
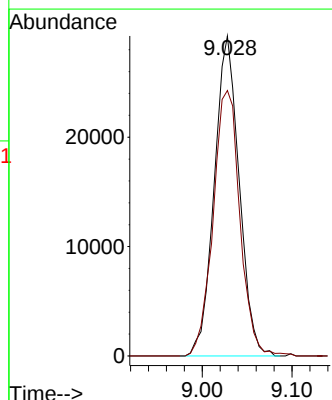
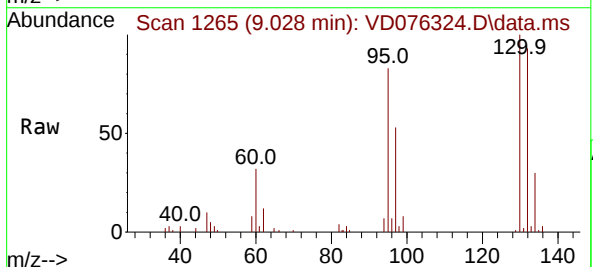
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

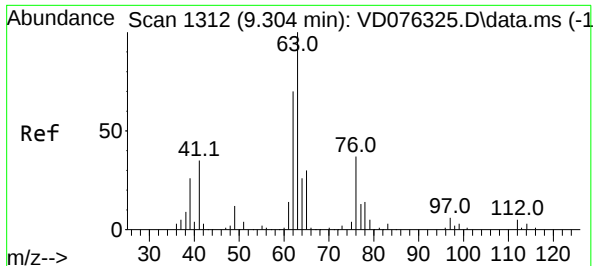
Tgt Ion: 43 Resp: 38706
Ion Ratio Lower Upper
43 100
61 39.0 31.4 47.0
87 18.1 14.9 22.3



#44
Trichloroethene
Concen: 19.754 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD076324.D
Acq: 05 Jun 2023 13:50

Tgt Ion: 130 Resp: 56351
Ion Ratio Lower Upper
130 100
95 83.0 0.0 179.2





#45

1,2-Dichloropropane

Concen: 20.094 ug/l

RT: 9.304 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076324.D

Acq: 05 Jun 2023 13:50

Instrument :

MSVOA_D

ClientSampleId :

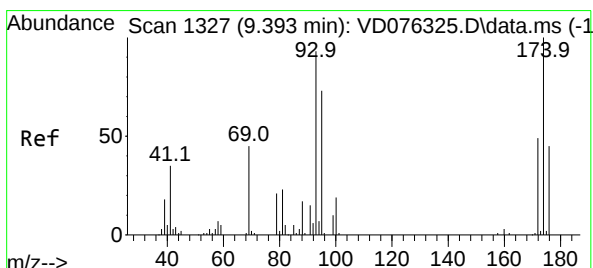
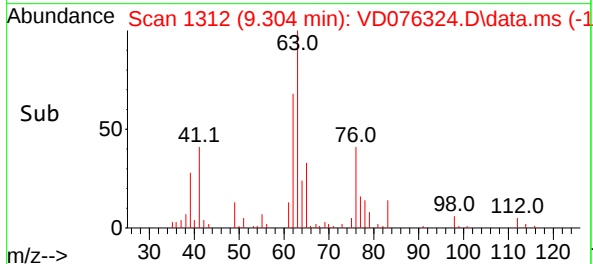
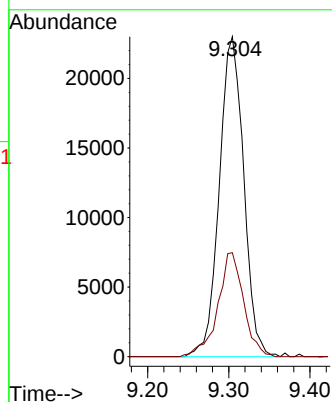
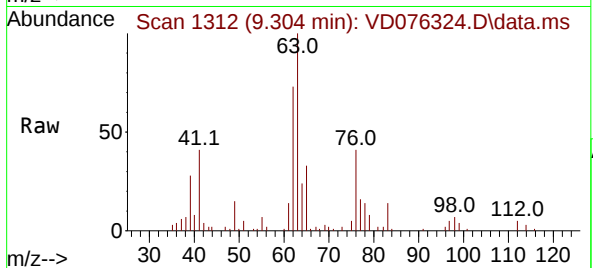
VSTDICC020

Tgt Ion: 63 Resp: 48113

Ion Ratio Lower Upper

63 100

65 32.5 24.5 36.7



#46

Dibromomethane

Concen: 20.270 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD076324.D

Acq: 05 Jun 2023 13:50

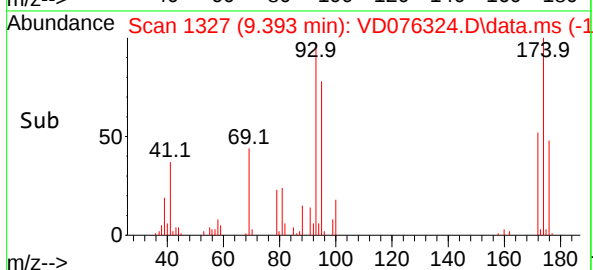
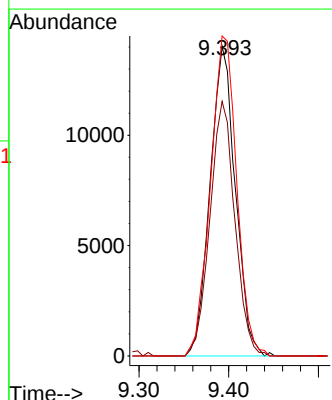
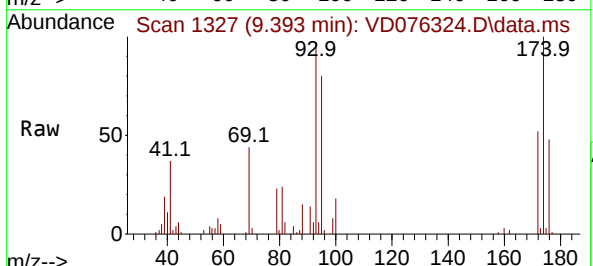
Tgt Ion: 93 Resp: 27474

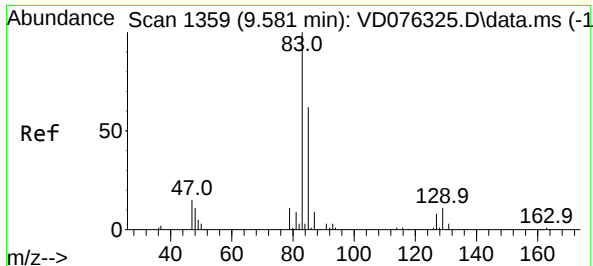
Ion Ratio Lower Upper

93 100

95 81.2 67.7 101.5

174 107.0 85.4 128.2

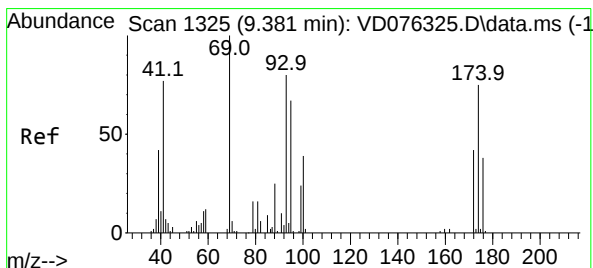
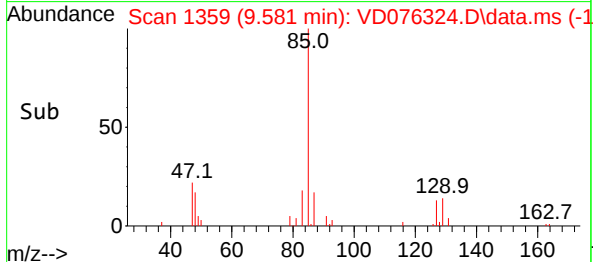
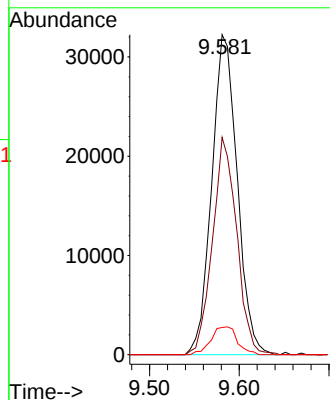
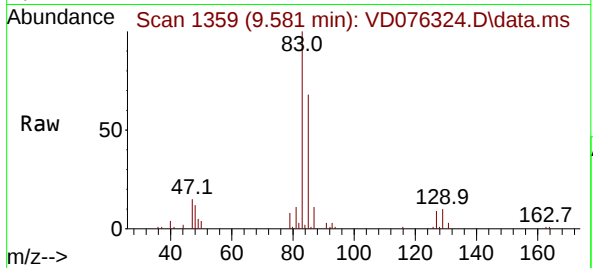




#47
Bromodichloromethane
Concen: 20.013 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VD076324.D
Acq: 05 Jun 2023 13:50

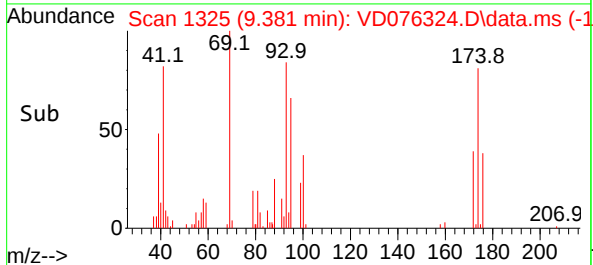
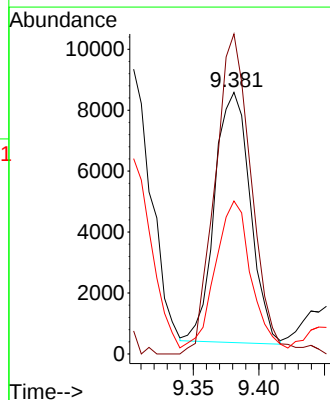
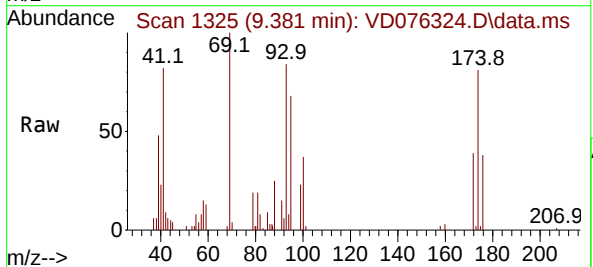
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

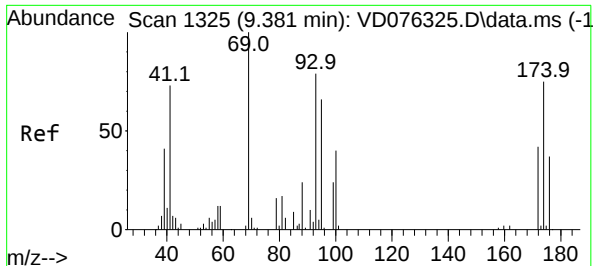
Tgt Ion: 83 Resp: 63587
Ion Ratio Lower Upper
83 100
85 67.9 50.2 75.4
127 8.5 6.3 9.5



#48
Methyl methacrylate
Concen: 17.941 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD076324.D
Acq: 05 Jun 2023 13:50

Tgt Ion: 41 Resp: 15499
Ion Ratio Lower Upper
41 100
69 131.7 102.2 153.2
39 63.7 41.4 62.2#





#49

1,4-Dioxane

Concen: 413.461 ug/l

RT: 9.387 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD076324.D

Acq: 05 Jun 2023 13:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

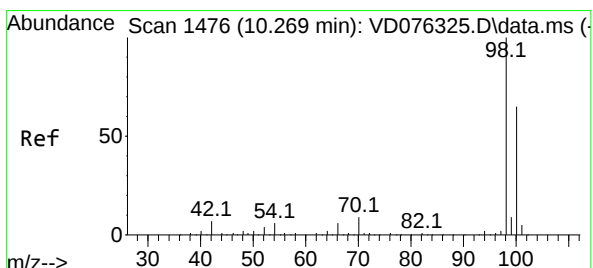
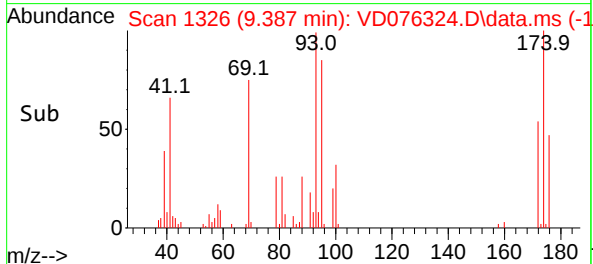
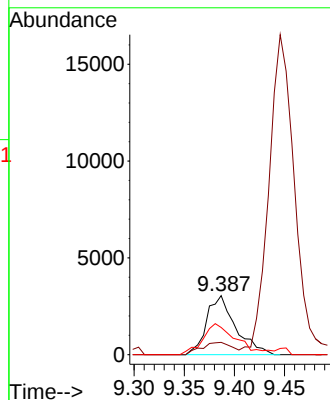
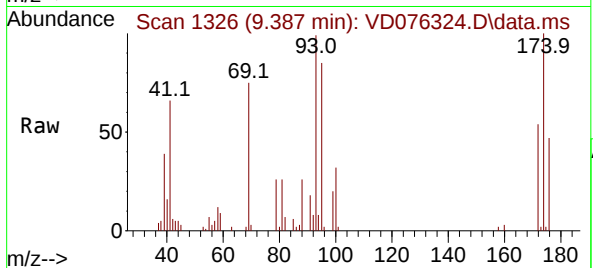
Tgt Ion: 88 Resp: 6142

Ion Ratio Lower Upper

88 100

43 22.0 19.0 28.6

58 59.0 43.5 65.3



#50

Toluene-d8

Concen: 20.044 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD076324.D

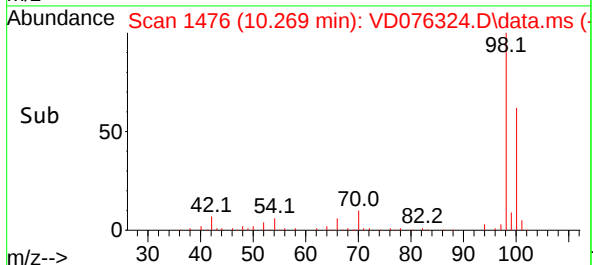
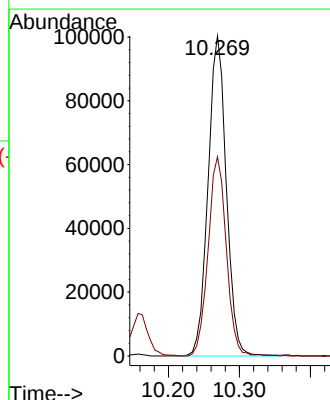
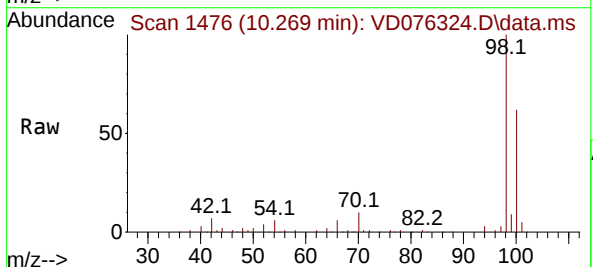
Acq: 05 Jun 2023 13:50

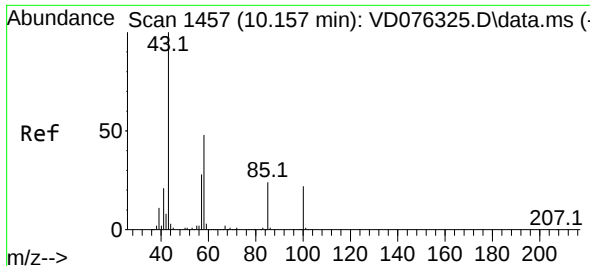
Tgt Ion: 98 Resp: 179145

Ion Ratio Lower Upper

98 100

100 62.1 50.3 75.5

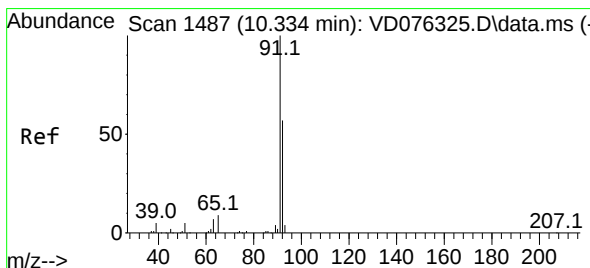
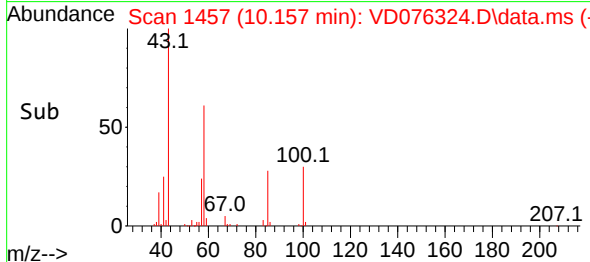
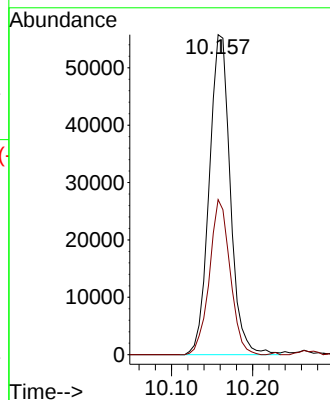
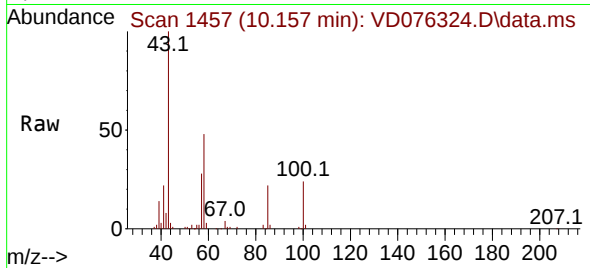




#51
4-Methyl-2-Pentanone
Concen: 99.961 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD076324.D
Acq: 05 Jun 2023 13:50

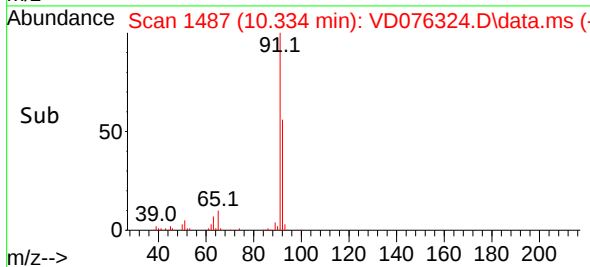
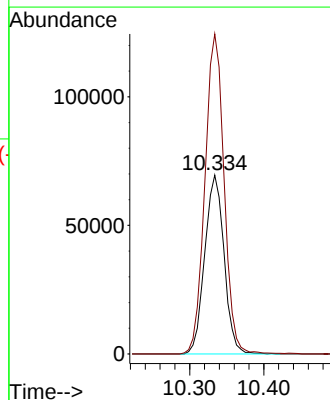
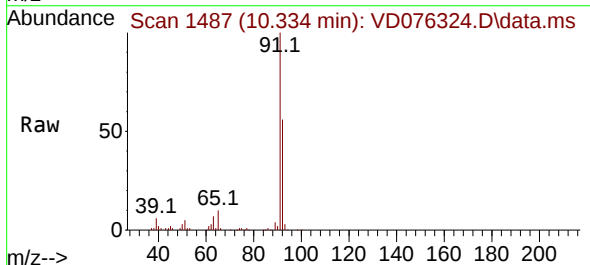
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

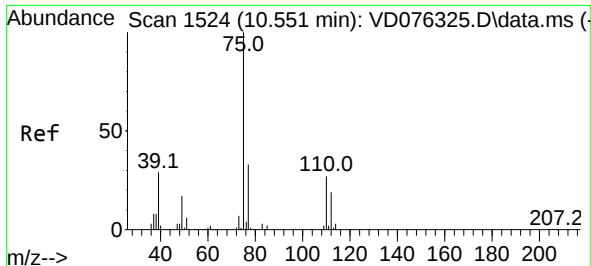
Tgt Ion: 43 Resp: 100476
Ion Ratio Lower Upper
43 100
58 47.6 38.9 58.3



#52
Toluene
Concen: 20.078 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076324.D
Acq: 05 Jun 2023 13:50

Tgt Ion: 92 Resp: 125967
Ion Ratio Lower Upper
92 100
91 177.4 143.0 214.4

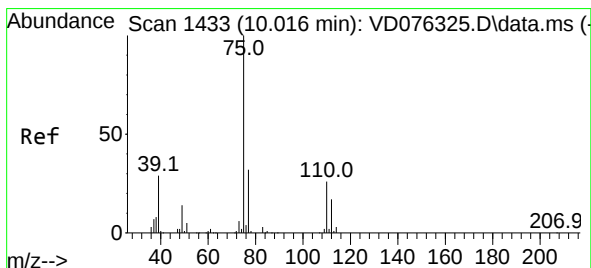
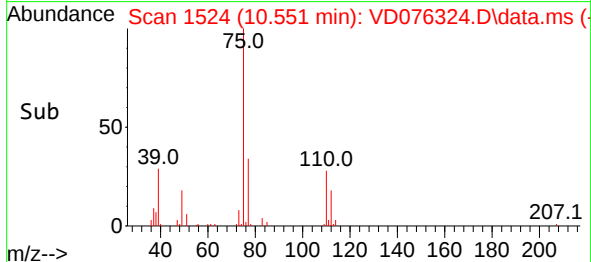
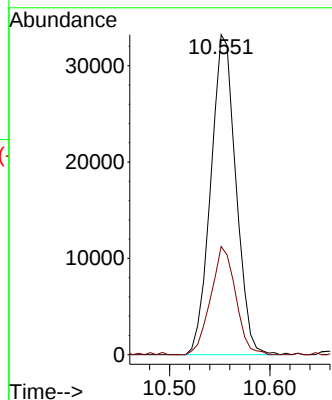
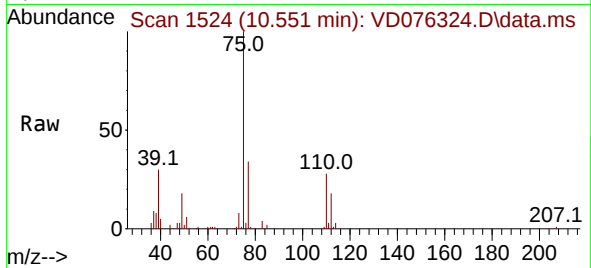




#53
 t-1,3-Dichloropropene
 Concen: 19.613 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VD076324.D
 Acq: 05 Jun 2023 13:50

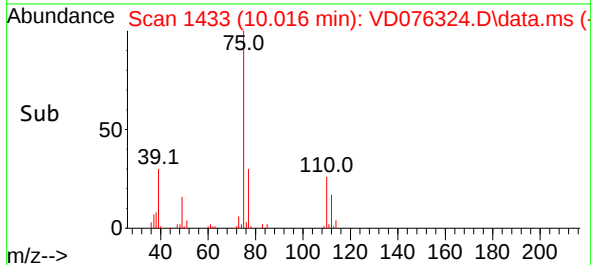
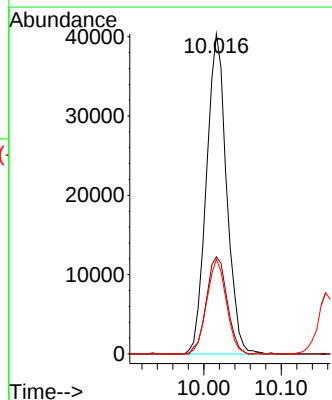
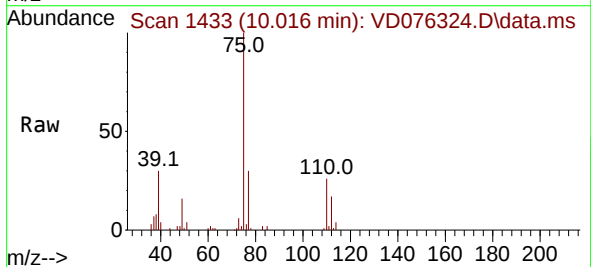
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

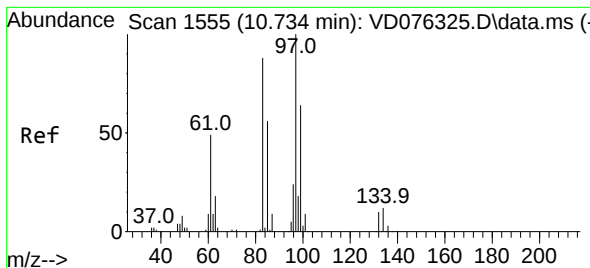
Tgt Ion: 75 Resp: 57835
 Ion Ratio Lower Upper
 75 100
 77 33.8 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 19.990 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD076324.D
 Acq: 05 Jun 2023 13:50

Tgt Ion: 75 Resp: 72843
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.5 38.3
 39 29.6 22.1 33.1





#55

1,1,2-Trichloroethane

Concen: 20.229 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD076324.D

Acq: 05 Jun 2023 13:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 97 Resp: 38821

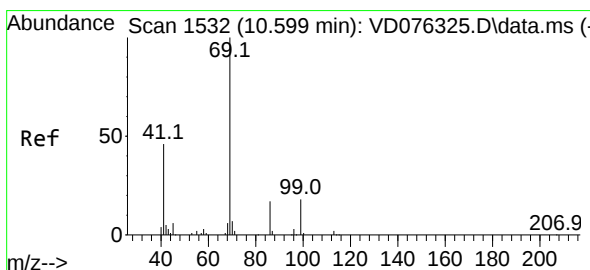
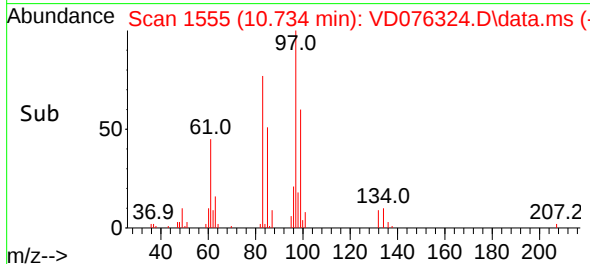
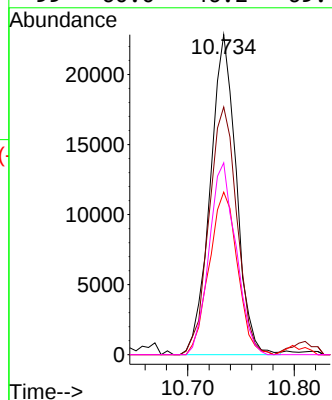
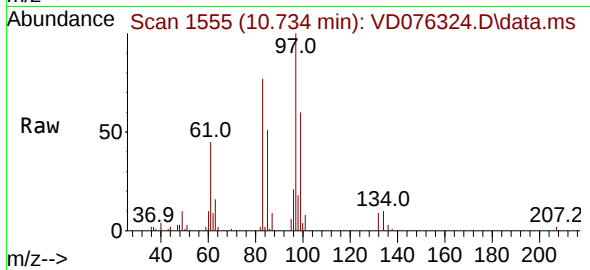
Ion Ratio Lower Upper

97 100

83 77.4 65.8 98.6

85 50.8 45.7 68.5

99 60.0 46.2 69.4



#56

Ethyl methacrylate

Concen: 19.169 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. -0.000 min

Lab File: VD076324.D

Acq: 05 Jun 2023 13:50

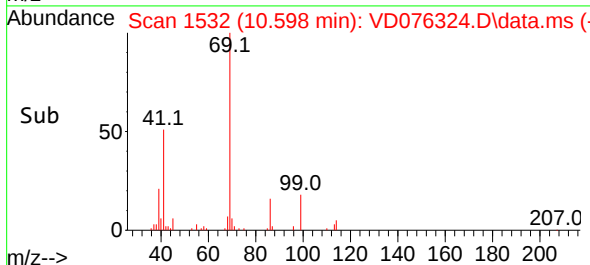
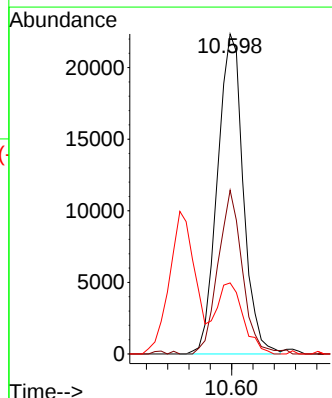
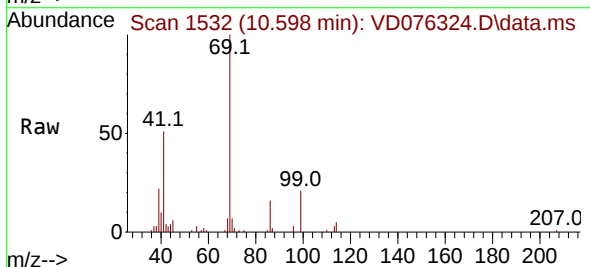
Tgt Ion: 69 Resp: 37520

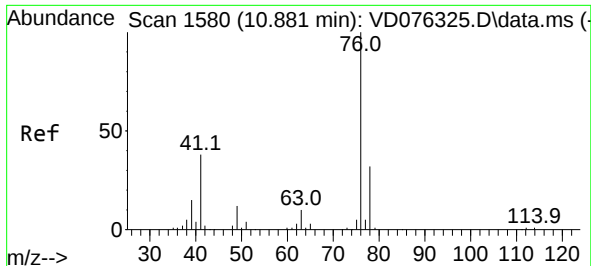
Ion Ratio Lower Upper

69 100

41 48.5 39.1 58.7

39 21.6 20.0 30.0





#57

1,3-Dichloropropane

Concen: 20.405 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD076324.D

Acq: 05 Jun 2023 13:50

Instrument :

MSVOA_D

ClientSampleId :

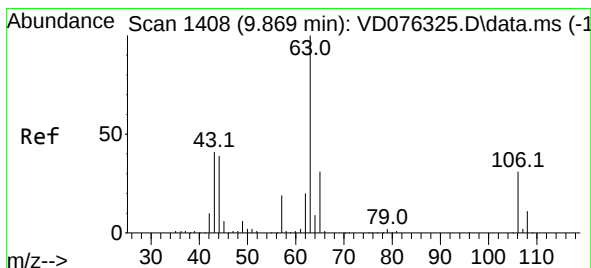
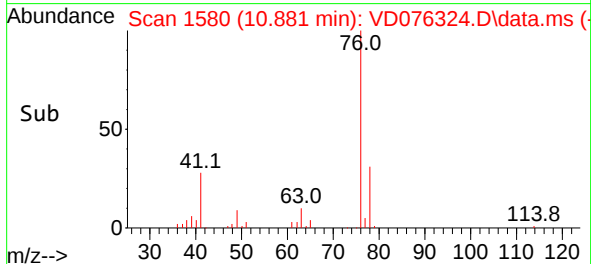
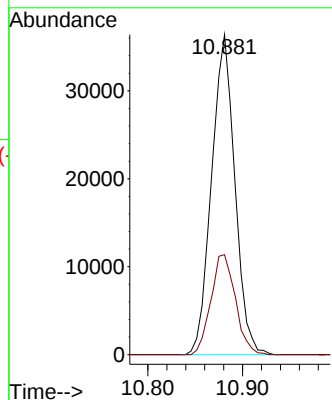
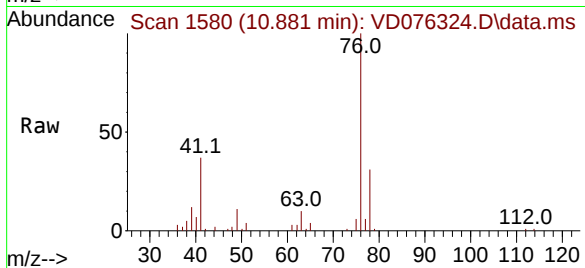
VSTDIC020

Tgt Ion: 76 Resp: 62195

Ion Ratio Lower Upper

76 100

78 32.9 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 101.014 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD076324.D

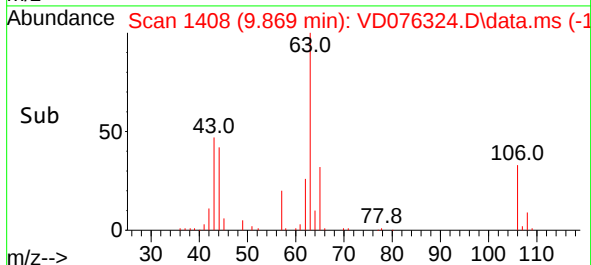
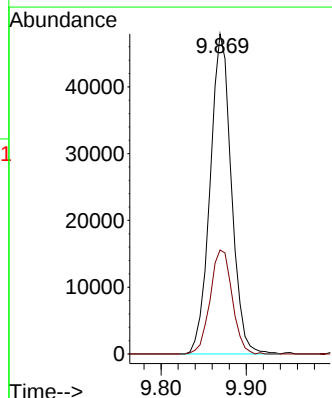
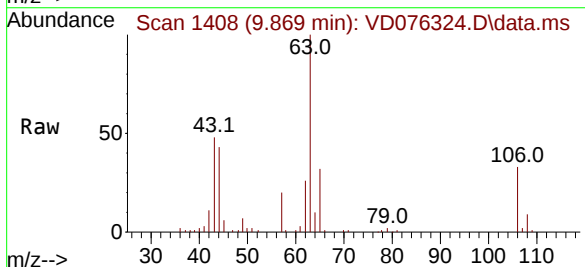
Acq: 05 Jun 2023 13:50

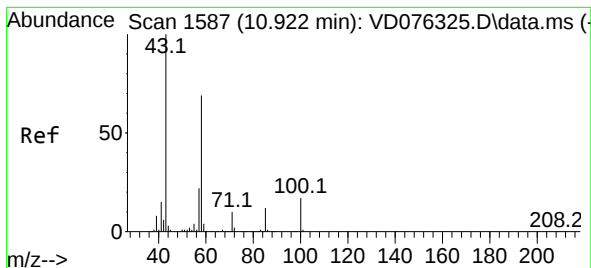
Tgt Ion: 63 Resp: 83014

Ion Ratio Lower Upper

63 100

106 33.6 25.3 37.9

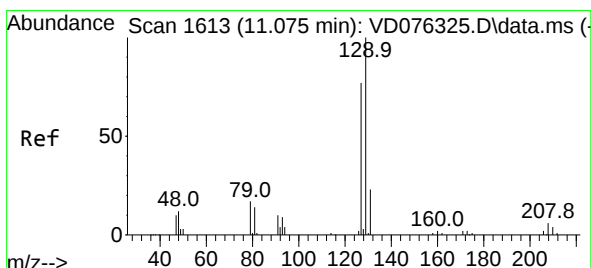
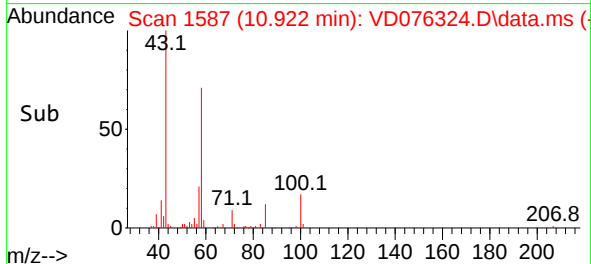
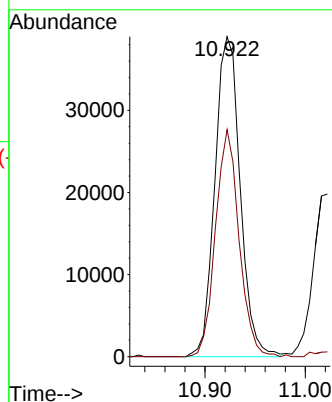
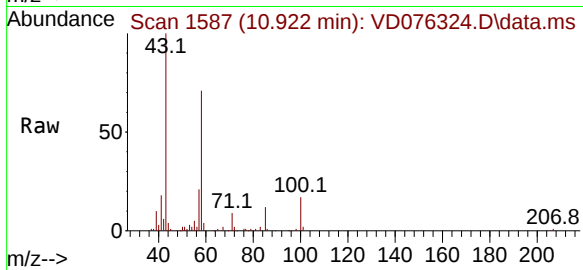




#59
2-Hexanone
Concen: 98.787 ug/l
RT: 10.922 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076324.D
Acq: 05 Jun 2023 13:50

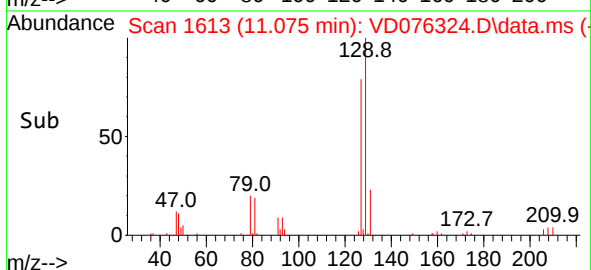
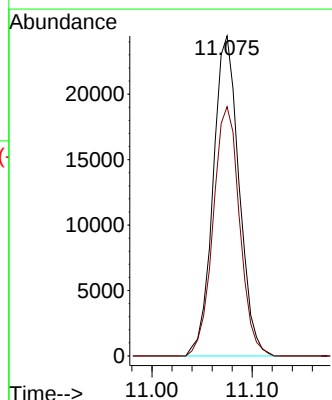
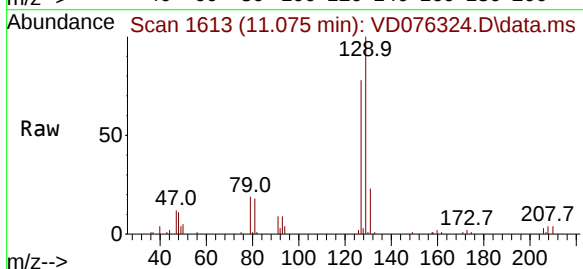
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

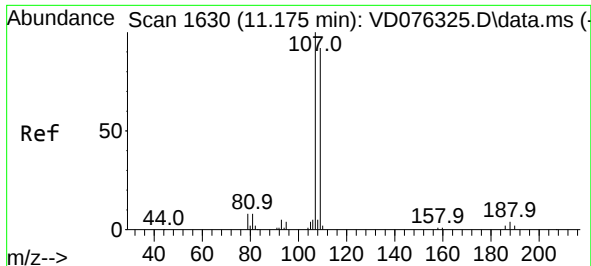
Tgt Ion: 43 Resp: 68128
Ion Ratio Lower Upper
43 100
58 66.3 34.1 102.2



#60
Dibromochloromethane
Concen: 20.200 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076324.D
Acq: 05 Jun 2023 13:50

Tgt Ion: 129 Resp: 43945
Ion Ratio Lower Upper
129 100
127 79.3 37.1 111.5

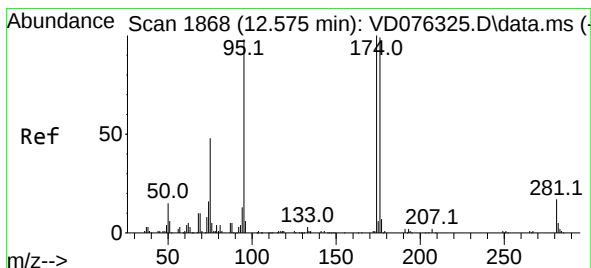
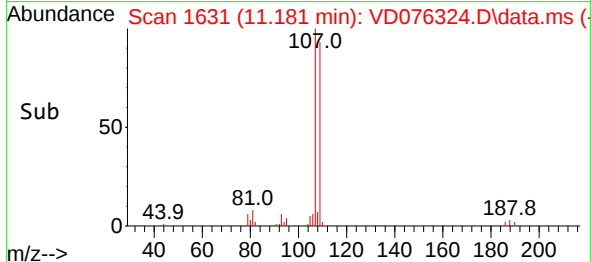
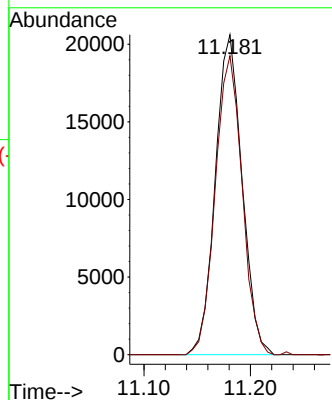
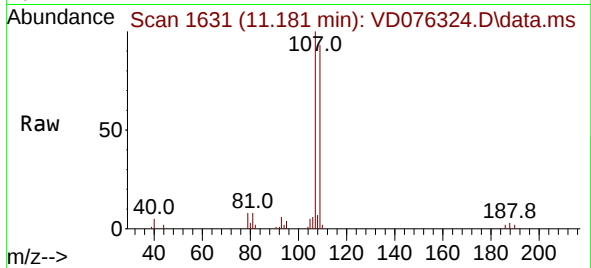




#61
1,2-Dibromoethane
Concen: 20.567 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.006 min
Lab File: VD076324.D
Acq: 05 Jun 2023 13:50

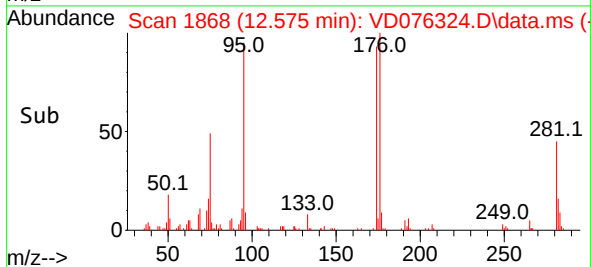
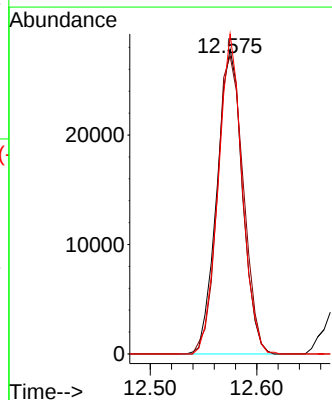
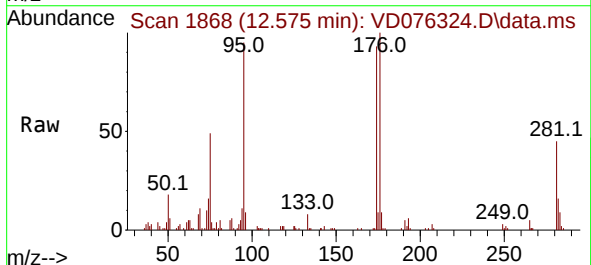
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

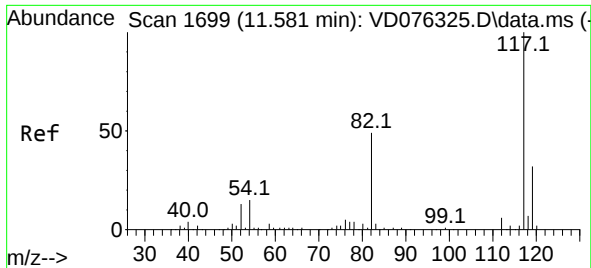
Tgt Ion:107 Resp: 35914
Ion Ratio Lower Upper
107 100
109 93.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 19.540 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076324.D
Acq: 05 Jun 2023 13:50

Tgt Ion: 95 Resp: 46216
Ion Ratio Lower Upper
95 100
174 100.4 0.0 201.8
176 98.3 0.0 191.8

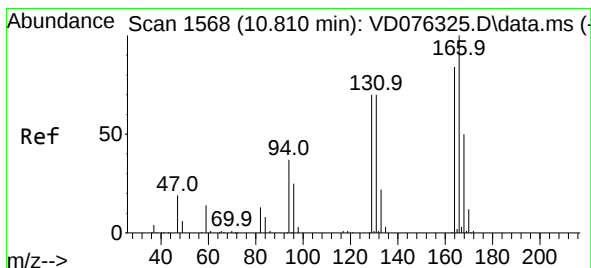
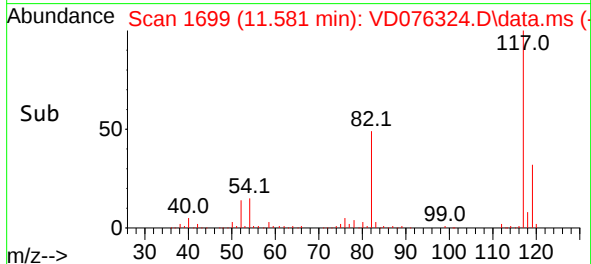
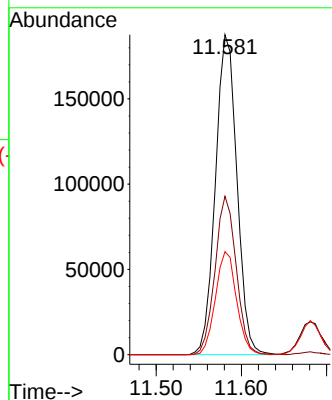
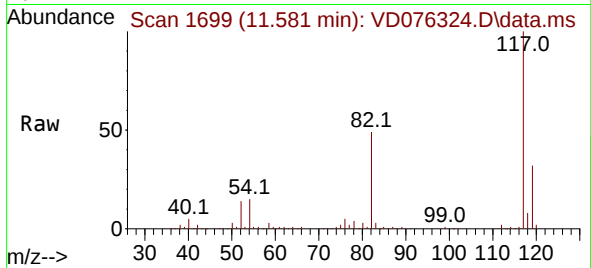




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076324.D
Acq: 05 Jun 2023 13:50

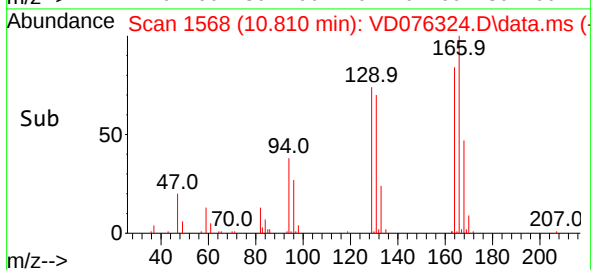
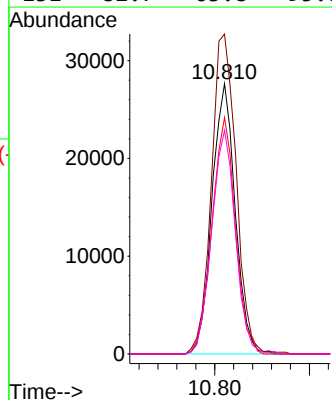
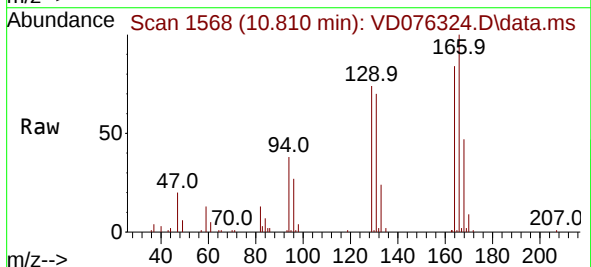
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

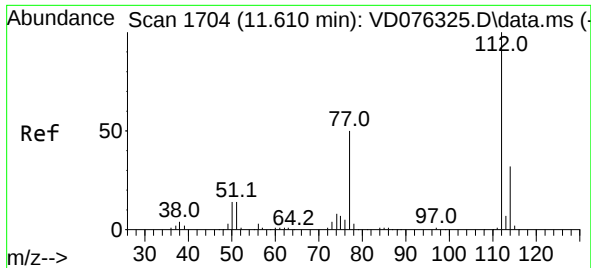
Tgt Ion:117 Resp: 328846
Ion Ratio Lower Upper
117 100
82 49.5 38.3 57.5
119 32.2 25.0 37.4



#64
Tetrachloroethene
Concen: 19.986 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD076324.D
Acq: 05 Jun 2023 13:50

Tgt Ion:164 Resp: 47077
Ion Ratio Lower Upper
164 100
166 118.4 99.2 148.8
129 87.4 68.4 102.6
131 82.7 63.8 95.8

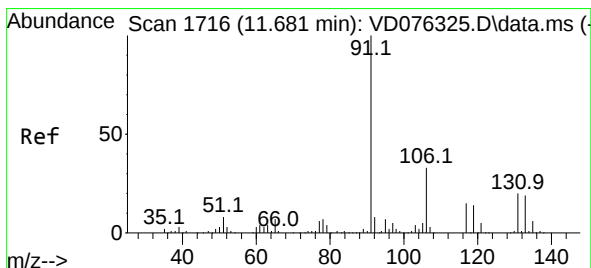
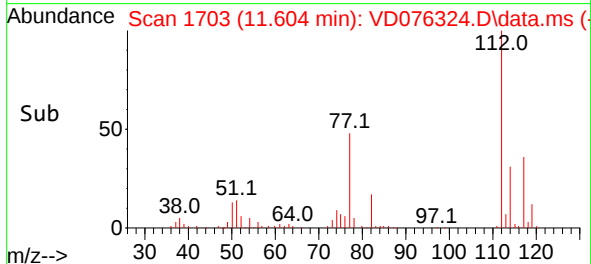
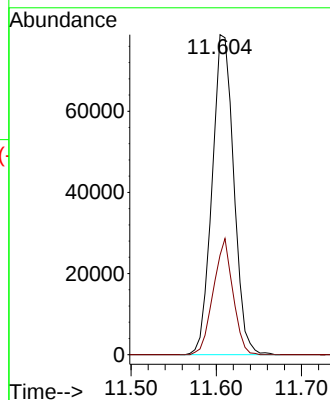
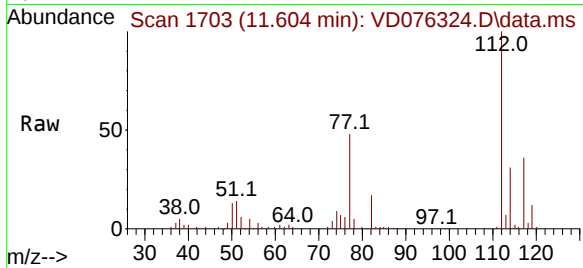




#65
Chlorobenzene
Concen: 19.776 ug/l
RT: 11.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD076324.D
Acq: 05 Jun 2023 13:50

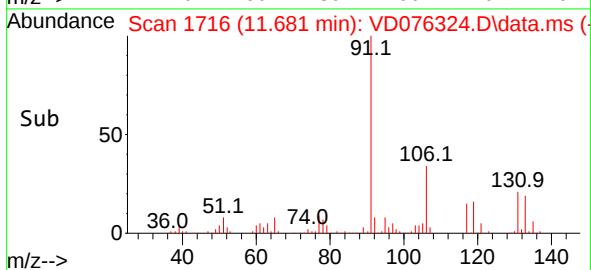
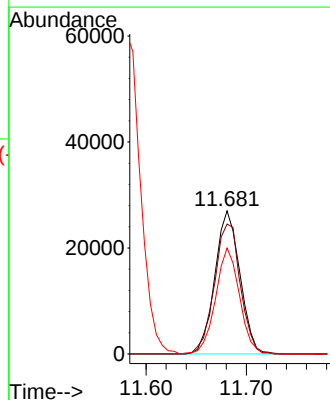
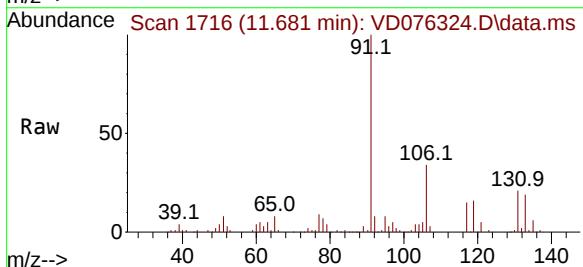
Instrument :
MSVOA_D
ClientSampleId :
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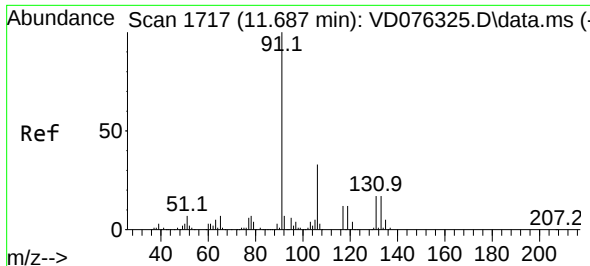
Tgt Ion:112 Resp: 139335
Ion Ratio Lower Upper
112 100
114 31.1 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 19.776 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076324.D
Acq: 05 Jun 2023 13:50

Tgt Ion:131 Resp: 46783
Ion Ratio Lower Upper
131 100
133 94.4 48.5 145.5
119 70.5 35.6 106.9

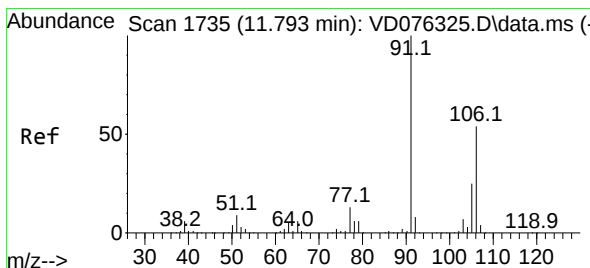
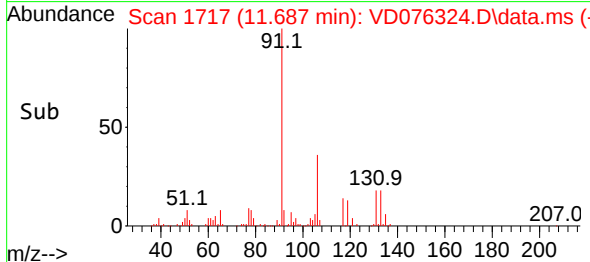
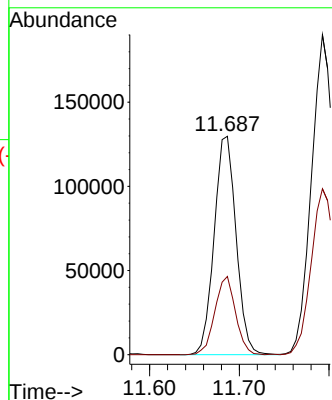
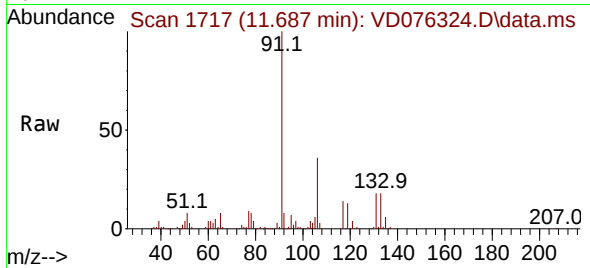




#67
Ethyl Benzene
Concen: 19.415 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD076324.D
Acq: 05 Jun 2023 13:50

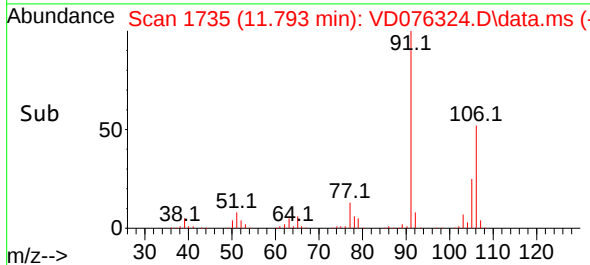
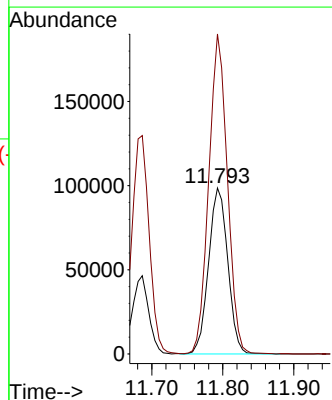
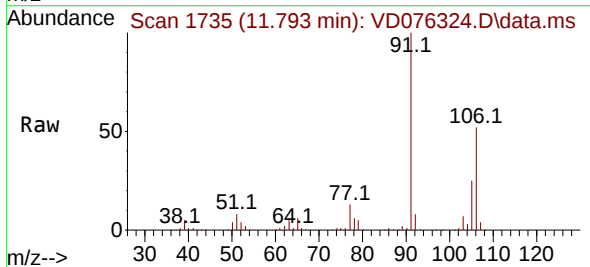
Instrument :
MSVOA_D
ClientSampleId :
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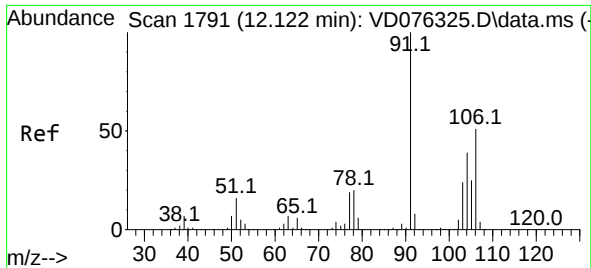
Tgt Ion: 91 Resp: 220453
Ion Ratio Lower Upper
91 100
106 35.8 26.5 39.7



#68
m/p-Xylenes
Concen: 39.450 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076324.D
Acq: 05 Jun 2023 13:50

Tgt Ion: 106 Resp: 185170
Ion Ratio Lower Upper
106 100
91 186.9 147.0 220.6

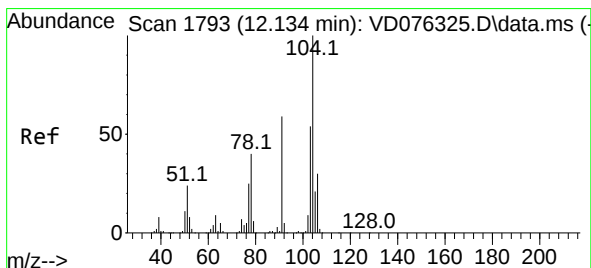
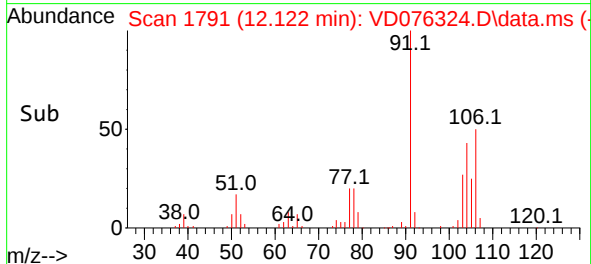
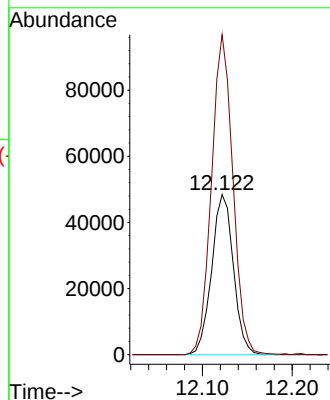
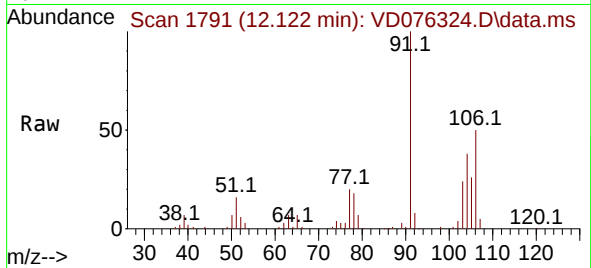




#69
o-Xylene
Concen: 19.238 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076324.D
Acq: 05 Jun 2023 13:50

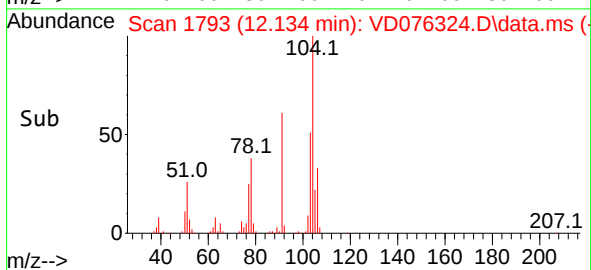
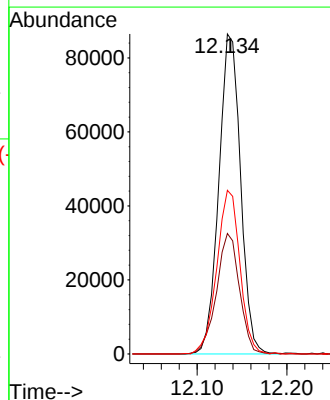
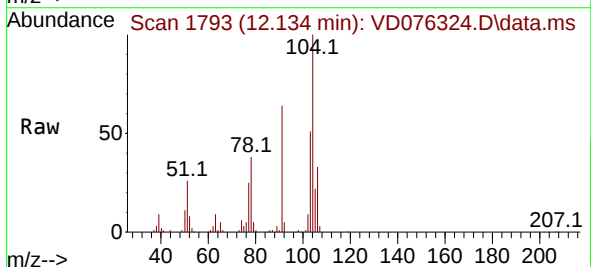
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

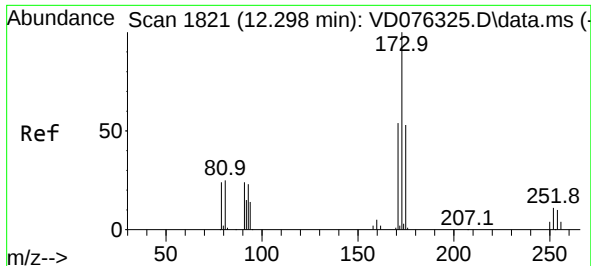
Tgt Ion:106 Resp: 81416
Ion Ratio Lower Upper
106 100
91 196.9 97.9 293.6



#70
Styrene
Concen: 20.034 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076324.D
Acq: 05 Jun 2023 13:50

Tgt Ion:104 Resp: 145401
Ion Ratio Lower Upper
104 100
78 39.9 33.2 49.8
103 54.4 43.6 65.4

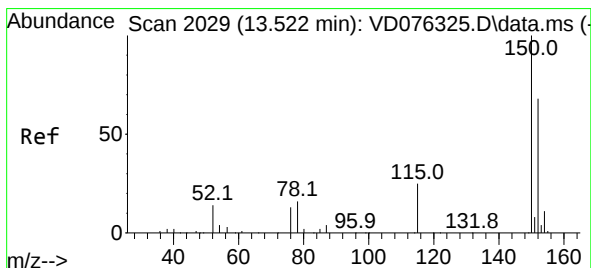
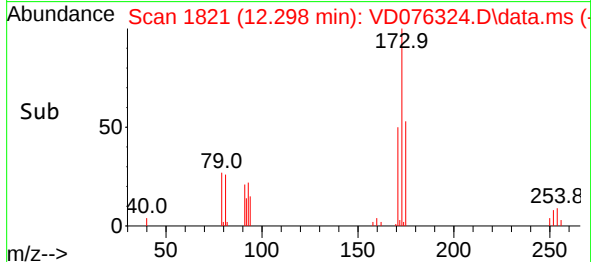
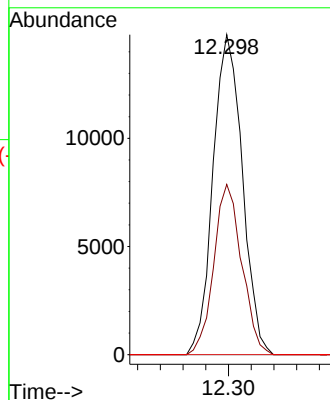
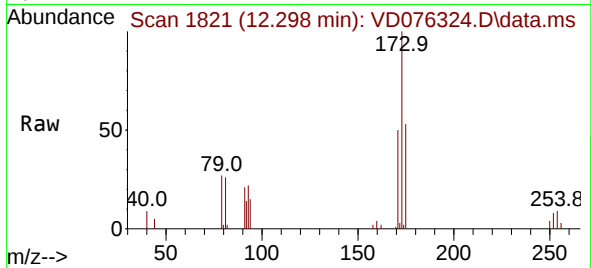




#71
Bromoform
Concen: 20.760 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD076324.D
Acq: 05 Jun 2023 13:50

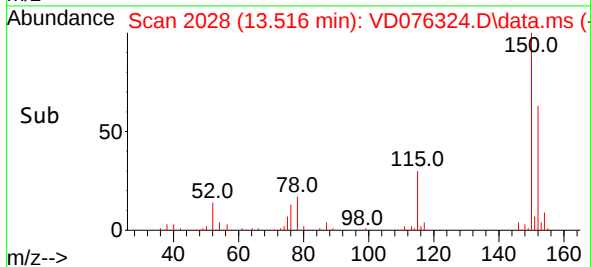
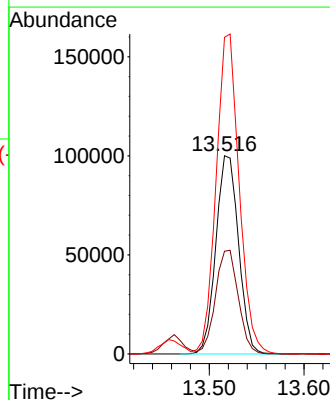
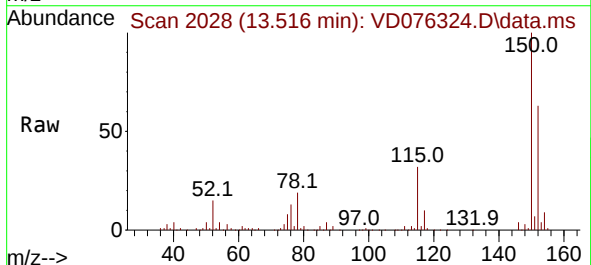
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

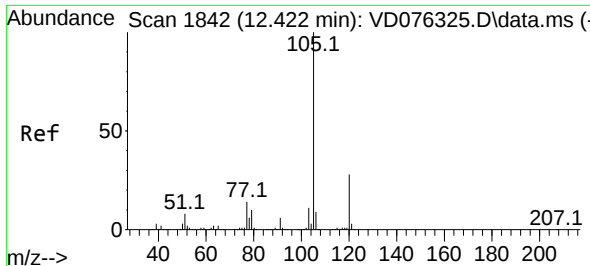
Tgt Ion:173 Resp: 26495
Ion Ratio Lower Upper
173 100
175 50.7 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076324.D
Acq: 05 Jun 2023 13:50

Tgt Ion:152 Resp: 166726
Ion Ratio Lower Upper
152 100
115 52.6 27.1 81.3
150 164.0 0.0 353.6

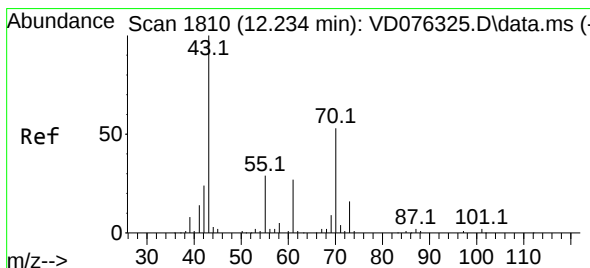
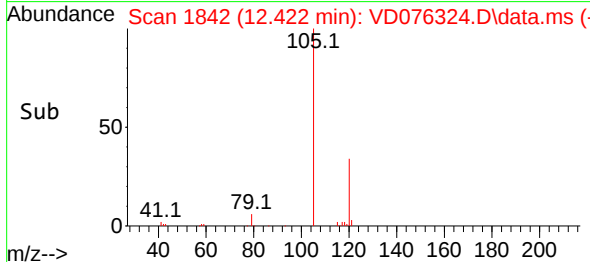
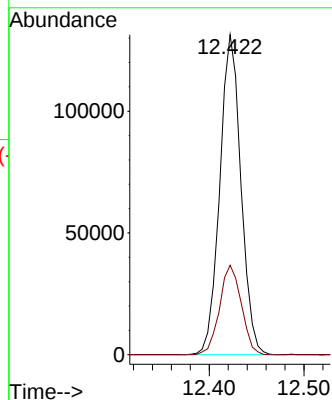
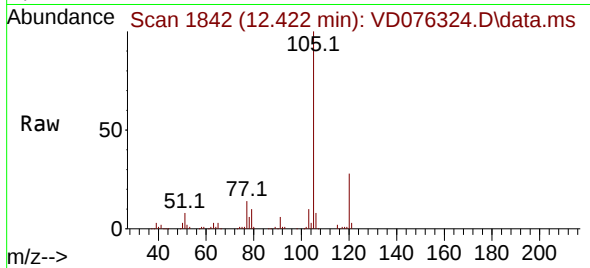




#73
Isopropylbenzene
Concen: 19.100 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076324.D
Acq: 05 Jun 2023 13:50

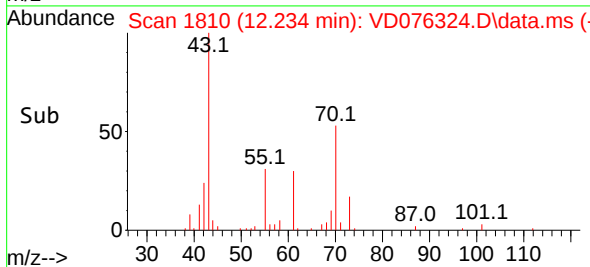
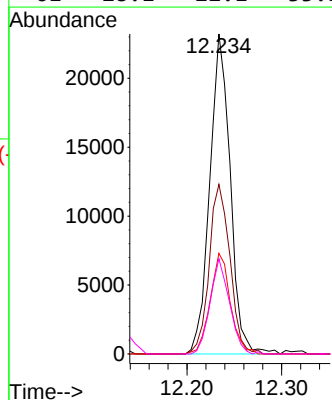
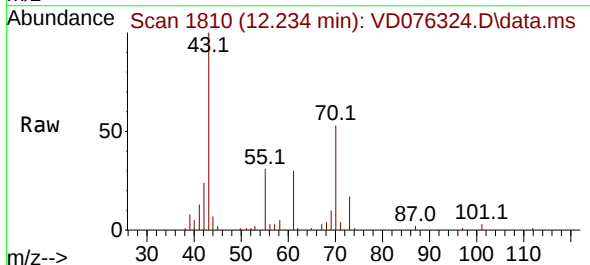
Instrument :
MSVOA_D
ClientSampleId :
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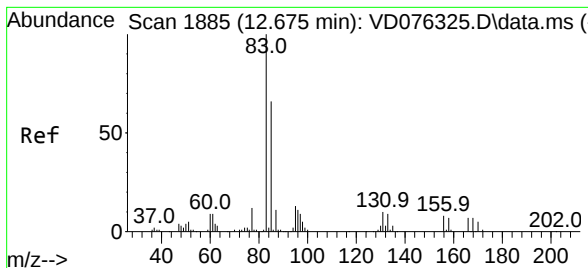
Tgt Ion:105 Resp: 203862
Ion Ratio Lower Upper
105 100
120 28.7 14.3 42.9



#74
N-ethyl acetate
Concen: 19.092 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076324.D
Acq: 05 Jun 2023 13:50

Tgt Ion: 43 Resp: 34945
Ion Ratio Lower Upper
43 100
70 53.7 45.0 67.4
55 31.2 23.8 35.6
61 28.1 22.1 33.1

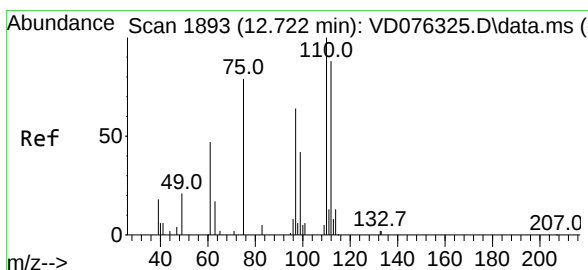
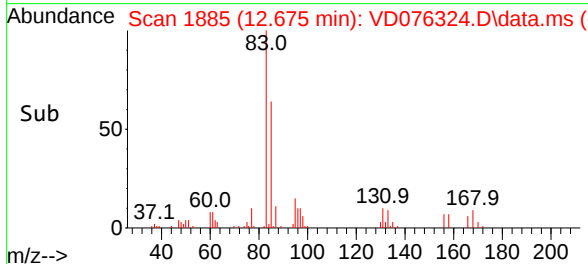
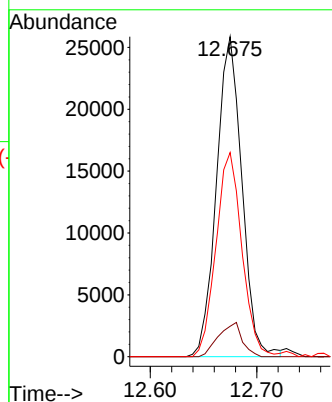
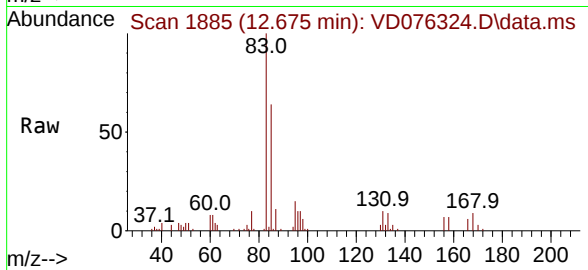




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.068 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. -0.000 min
 Lab File: VD076324.D
 Acq: 05 Jun 2023 13:50

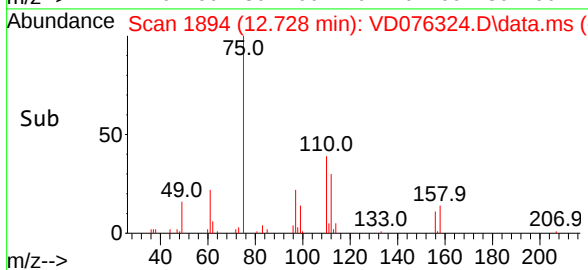
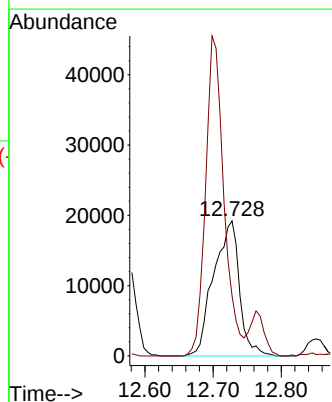
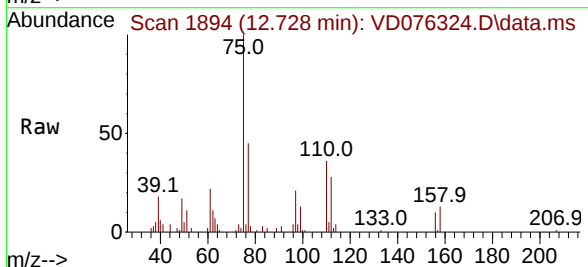
Instrument :
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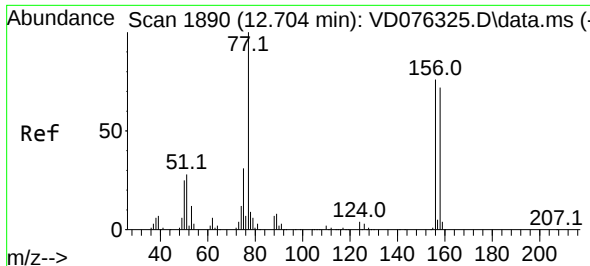
Tgt Ion: 83 Resp: 42878
 Ion Ratio Lower Upper
 83 100
 131 9.9 5.1 15.3
 85 64.9 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 31.321 ug/l
 RT: 12.728 min Scan# 1894
 Delta R.T. 0.006 min
 Lab File: VD076324.D
 Acq: 05 Jun 2023 13:50

Tgt Ion: 75 Resp: 50630
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

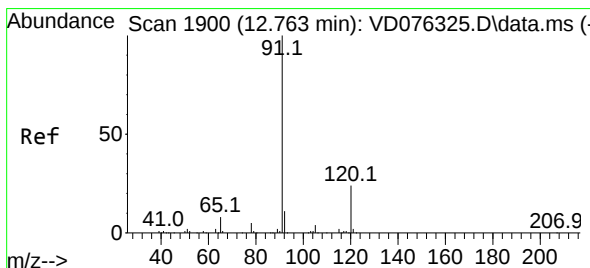
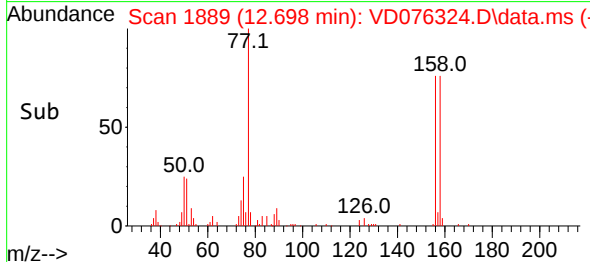
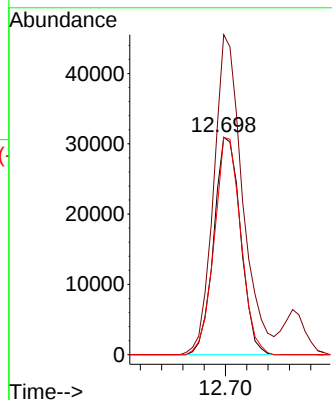
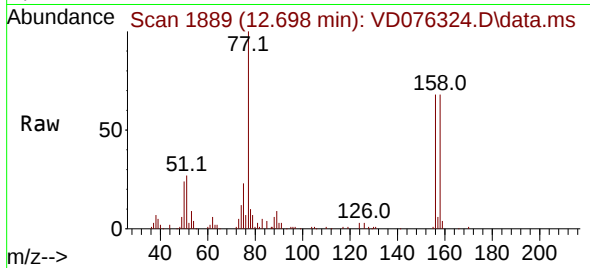




#77
Bromobenzene
Concen: 19.178 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD076324.D
Acq: 05 Jun 2023 13:50

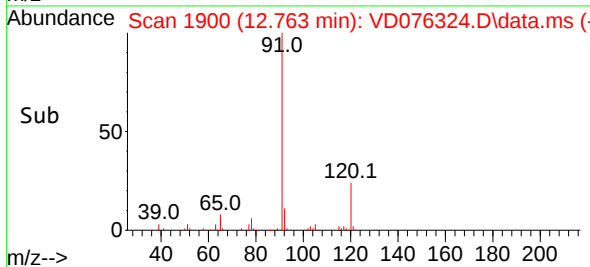
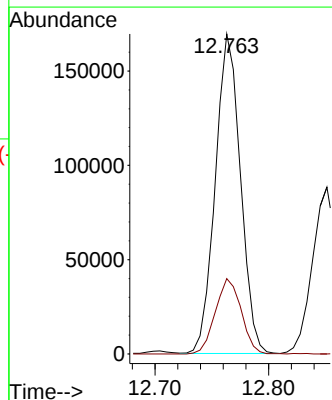
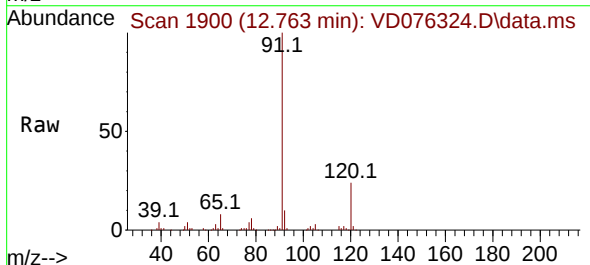
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MSVOA_D
ClientSampleId :
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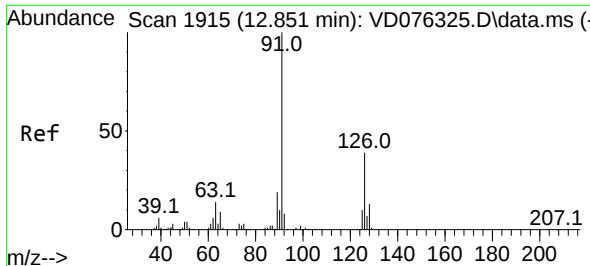
Tgt Ion:156 Resp: 53820
Ion Ratio Lower Upper
156 100
77 159.0 76.8 230.4
158 99.3 48.6 145.9



#78
n-propylbenzene
Concen: 19.745 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD076324.D
Acq: 05 Jun 2023 13:50

Tgt Ion: 91 Resp: 260561
Ion Ratio Lower Upper
91 100
120 24.2 12.4 37.2

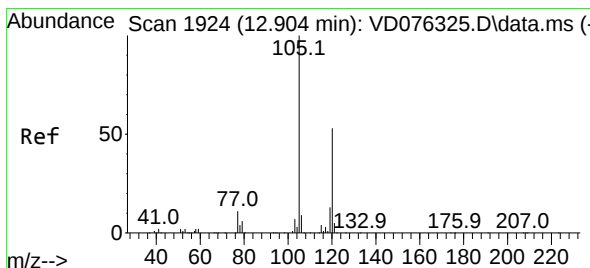
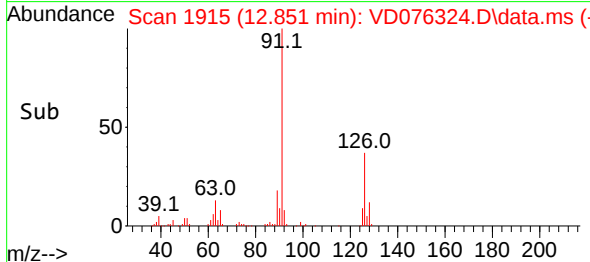
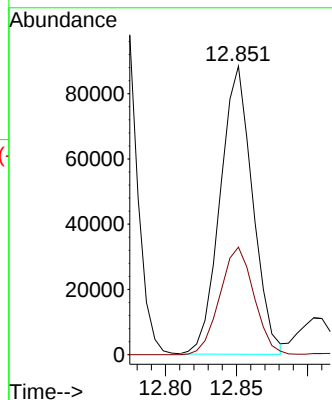
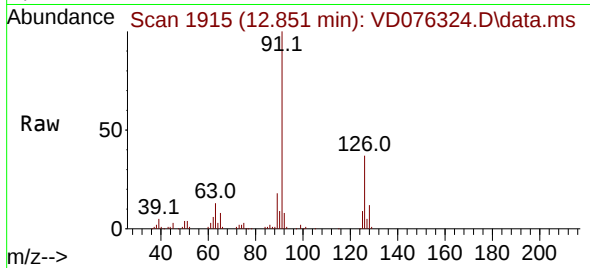




#79
2-Chlorotoluene
Concen: 19.515 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD076324.D
Acq: 05 Jun 2023 13:50

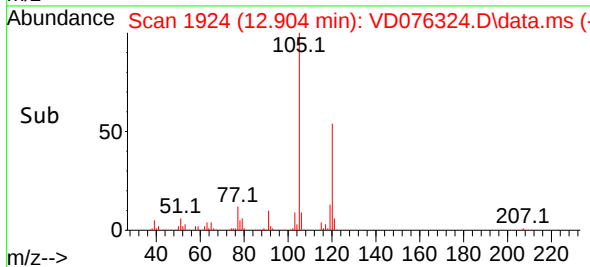
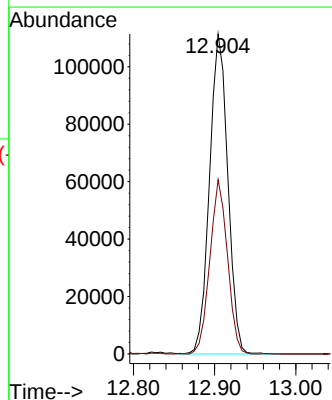
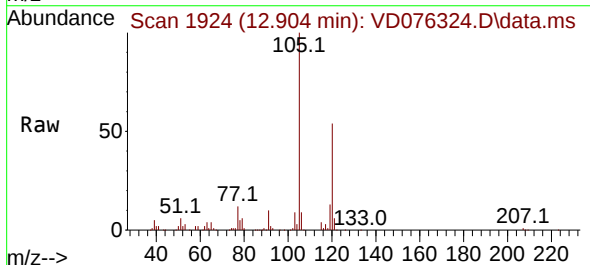
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

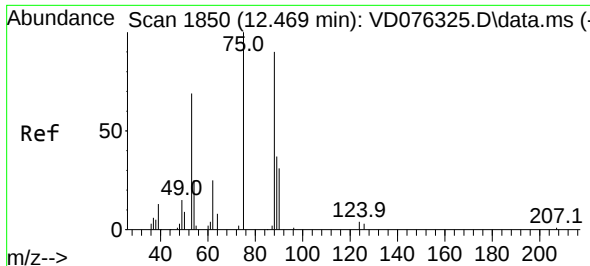
Tgt Ion: 91 Resp: 140468
Ion Ratio Lower Upper
91 100
126 39.2 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 19.793 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD076324.D
Acq: 05 Jun 2023 13:50

Tgt Ion: 105 Resp: 174207
Ion Ratio Lower Upper
105 100
120 52.5 26.4 79.2

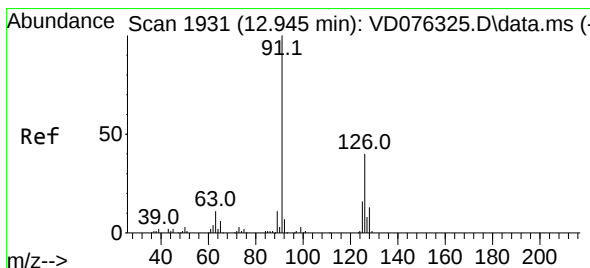
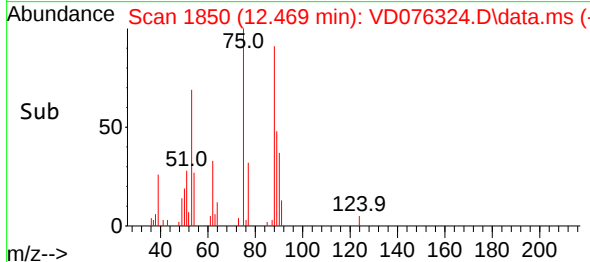
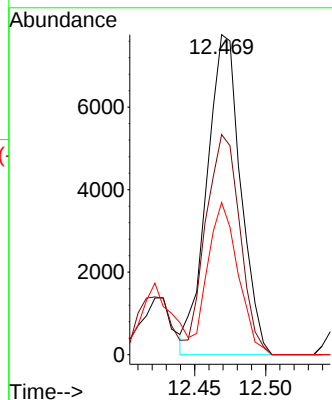
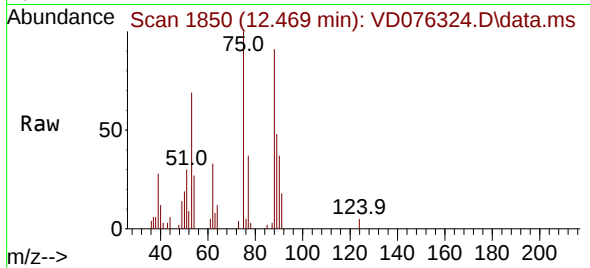




#81
trans-1,4-Dichloro-2-butene
Concen: 19.784 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD076324.D
Acq: 05 Jun 2023 13:50

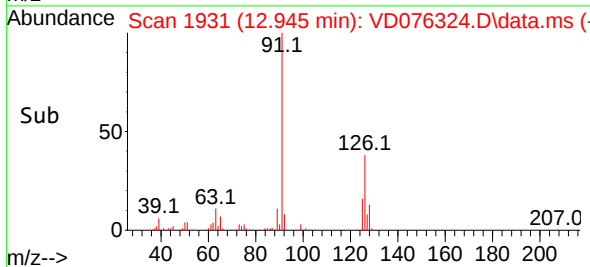
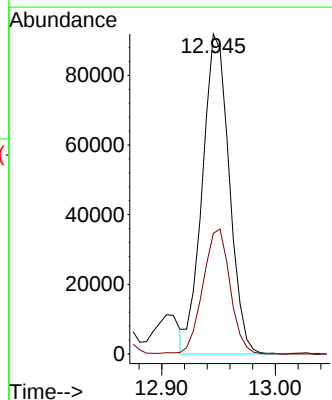
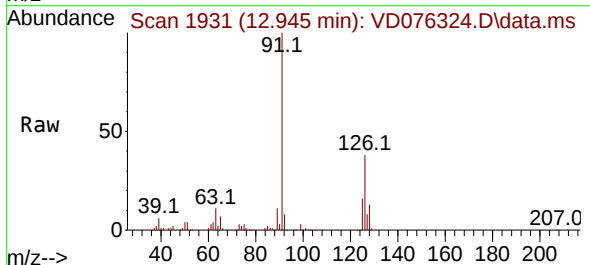
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

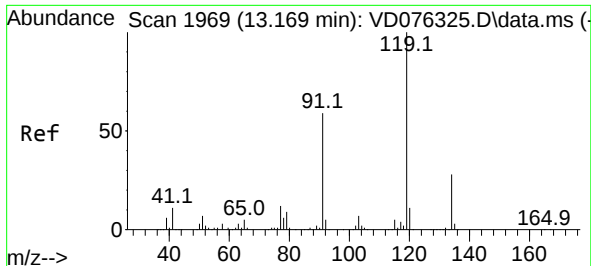
Tgt Ion:	75	Resp:	12856
Ion Ratio	Lower	Upper	
75	100		
53	69.8	63.0	94.4
89	42.9	37.9	56.9



#82
4-Chlorotoluene
Concen: 19.714 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD076324.D
Acq: 05 Jun 2023 13:50

Tgt Ion:	91	Resp:	151085
Ion Ratio	Lower	Upper	
91	100		
126	39.5	19.4	58.4





#83

tert-Butylbenzene

Concen: 19.700 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD076324.D

Acq: 05 Jun 2023 13:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

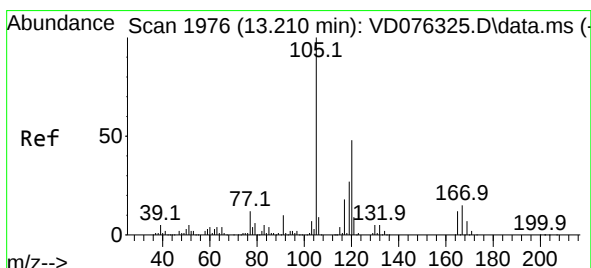
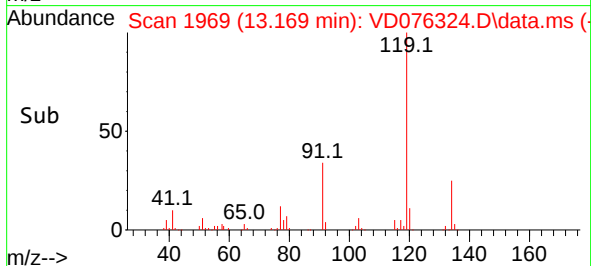
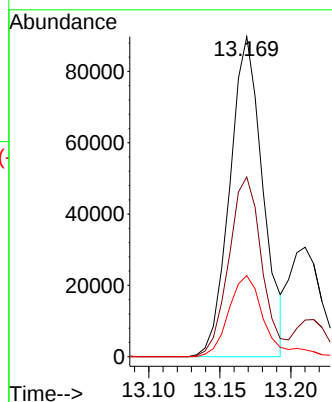
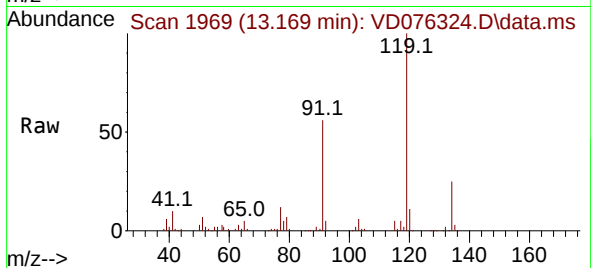
Tgt Ion:119 Resp: 145398

Ion Ratio Lower Upper

119 100

91 56.7 29.3 87.8

134 27.4 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 19.919 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VD076324.D

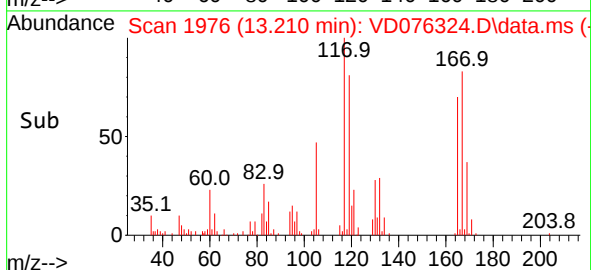
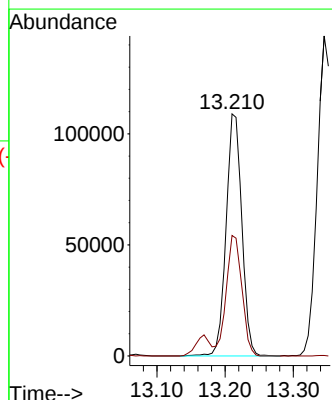
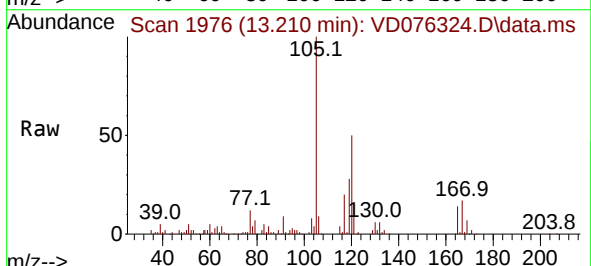
Acq: 05 Jun 2023 13:50

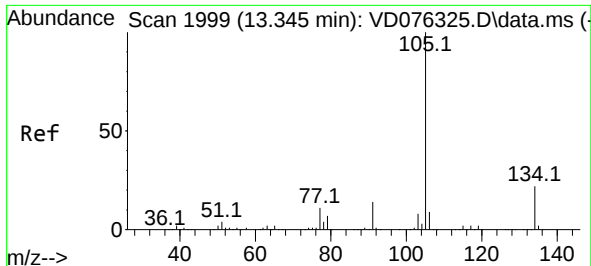
Tgt Ion:105 Resp: 175090

Ion Ratio Lower Upper

105 100

120 49.9 24.3 72.9

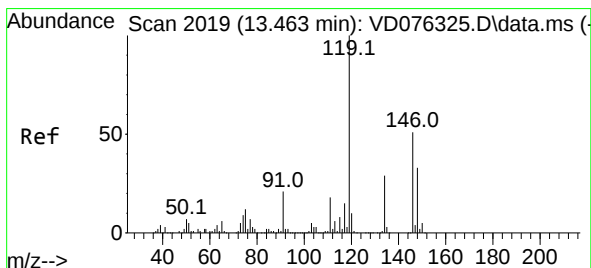
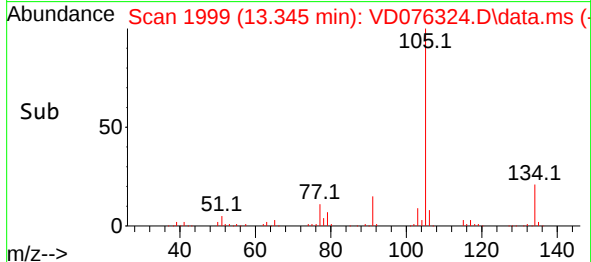
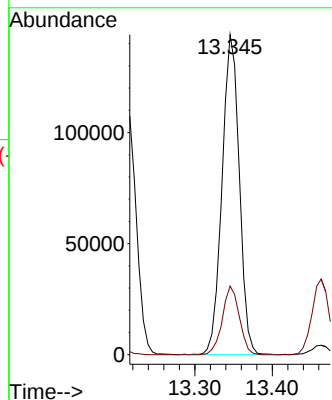
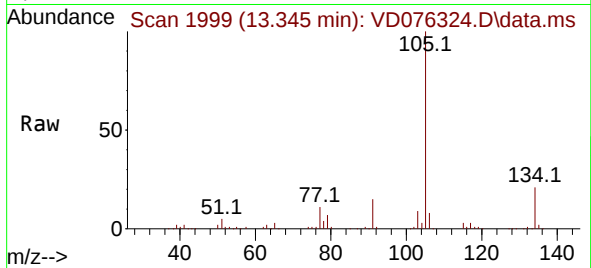




#85
 sec-Butylbenzene
 Concen: 19.614 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD076324.D
 Acq: 05 Jun 2023 13:50

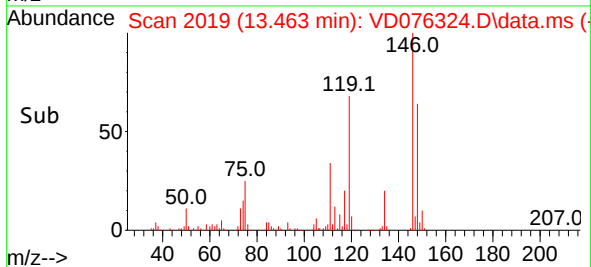
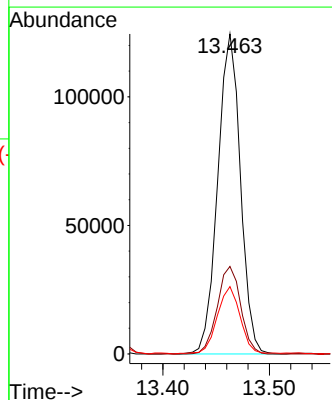
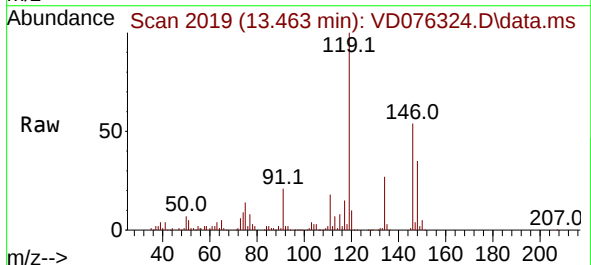
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

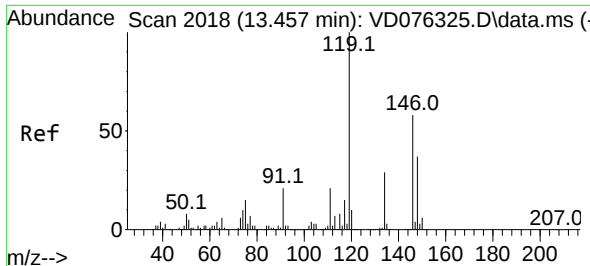
Tgt Ion:105 Resp: 222663
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 19.531 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD076324.D
 Acq: 05 Jun 2023 13:50

Tgt Ion:119 Resp: 183777
 Ion Ratio Lower Upper
 119 100
 134 28.2 14.2 42.6
 91 21.5 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 20.038 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD076324.D

Acq: 05 Jun 2023 13:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

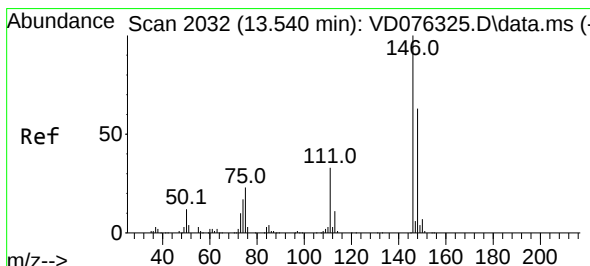
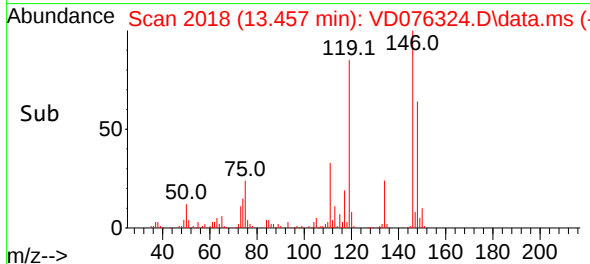
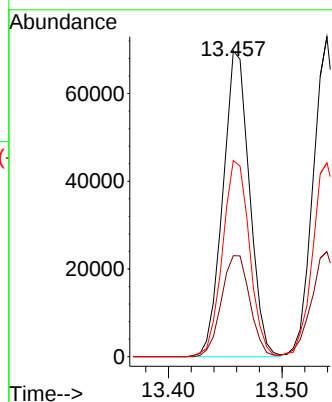
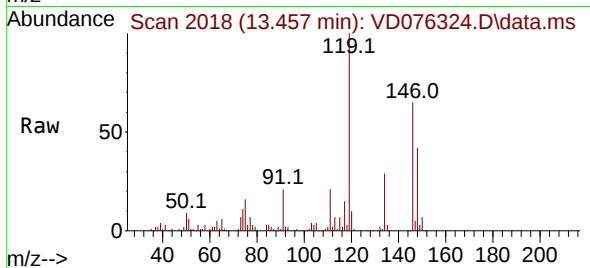
Tgt Ion:146 Resp: 113364

Ion Ratio Lower Upper

146 100

111 35.4 17.9 53.8

148 65.2 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 20.166 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD076324.D

Acq: 05 Jun 2023 13:50

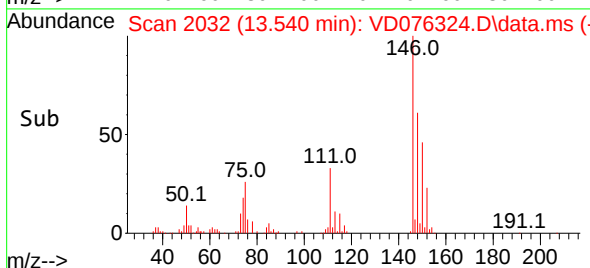
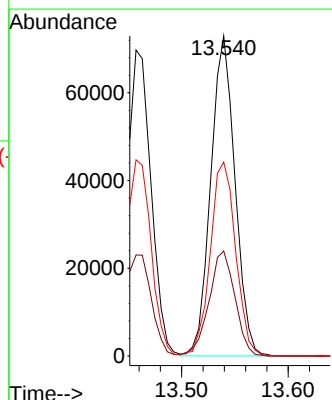
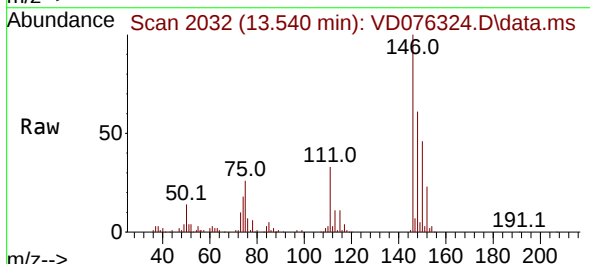
Tgt Ion:146 Resp: 115514

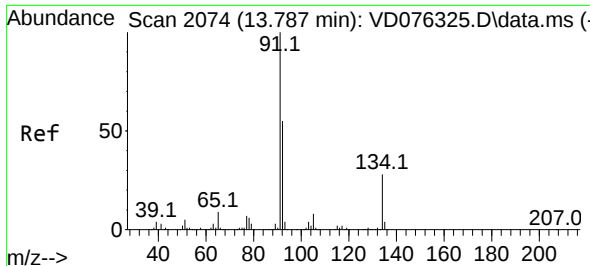
Ion Ratio Lower Upper

146 100

111 34.9 17.4 52.3

148 63.3 31.7 95.1

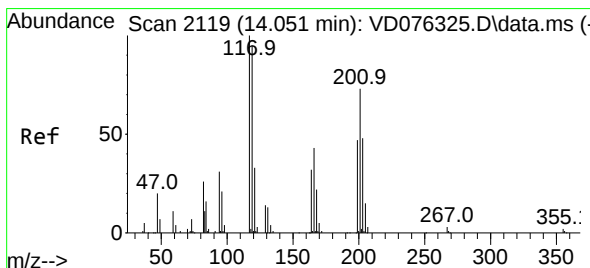
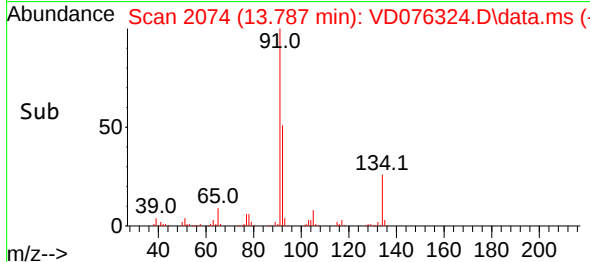
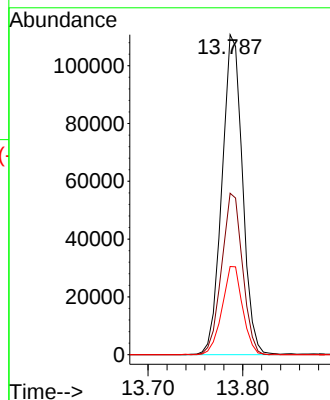
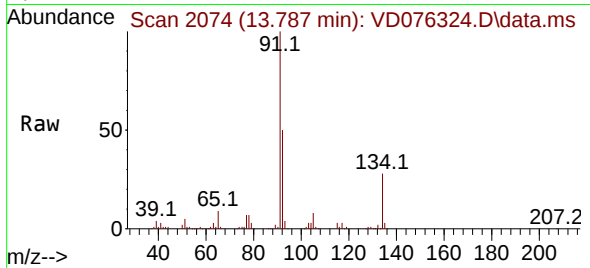




#89
n-Butylbenzene
Concen: 19.085 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD076324.D
Acq: 05 Jun 2023 13:50

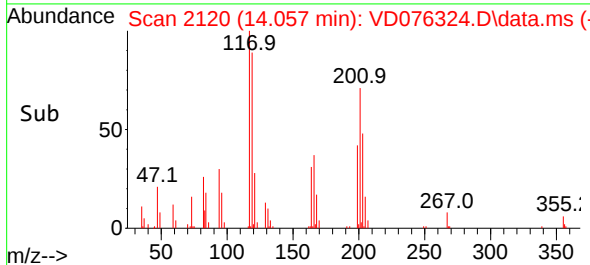
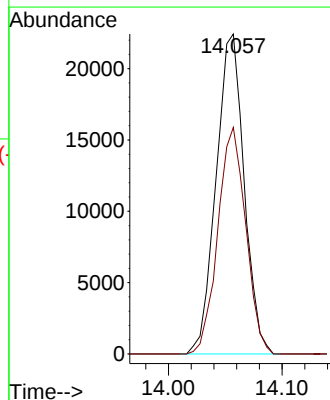
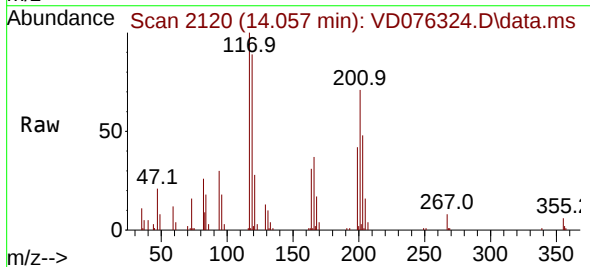
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

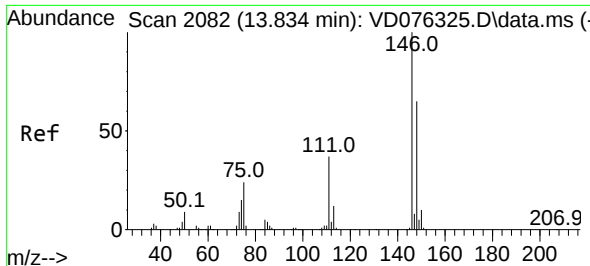
Tgt Ion: 91 Resp: 166916
Ion Ratio Lower Upper
91 100
92 51.3 26.5 79.5
134 27.5 13.8 41.3



#90
Hexachloroethane
Concen: 20.344 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD076324.D
Acq: 05 Jun 2023 13:50

Tgt Ion: 117 Resp: 38435
Ion Ratio Lower Upper
117 100
201 70.5 38.5 115.5

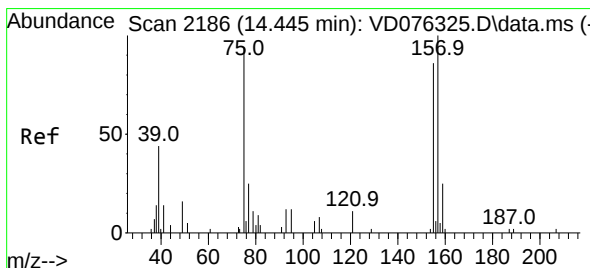
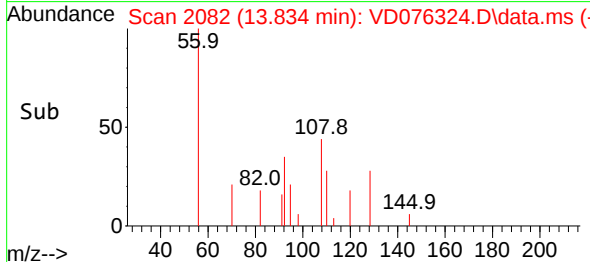
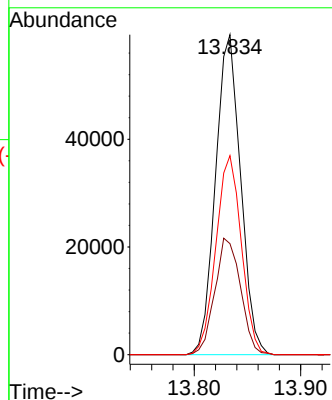
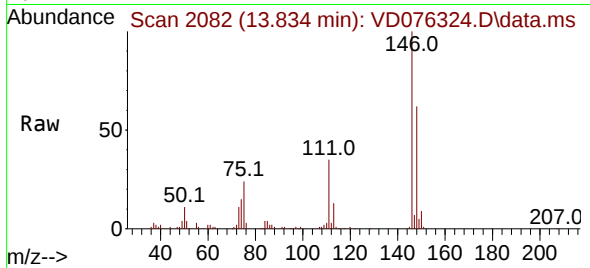




#91
1,2-Dichlorobenzene
Concen: 19.787 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD076324.D
Acq: 05 Jun 2023 13:50

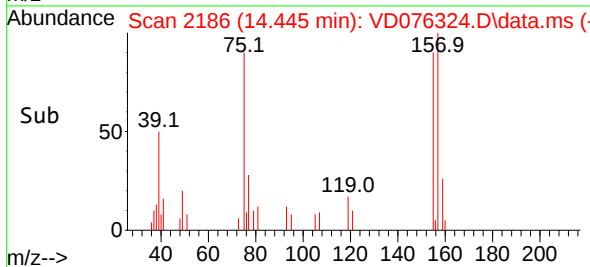
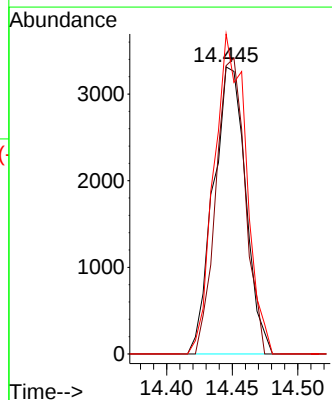
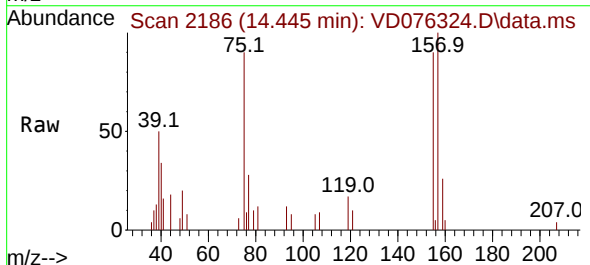
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

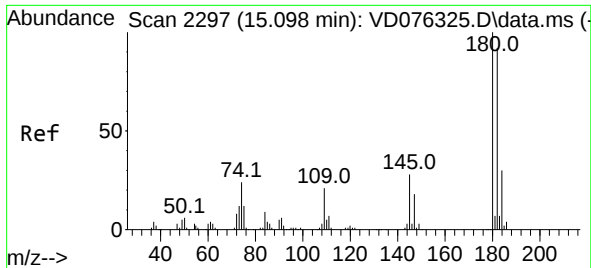
Tgt Ion:146 Resp: 97185
Ion Ratio Lower Upper
146 100
111 37.3 18.3 54.8
148 63.0 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.127 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VD076324.D
Acq: 05 Jun 2023 13:50

Tgt Ion: 75 Resp: 5681
Ion Ratio Lower Upper
75 100
155 92.8 47.9 143.8
157 110.4 59.9 179.7

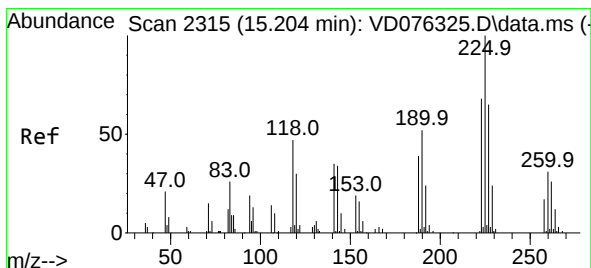
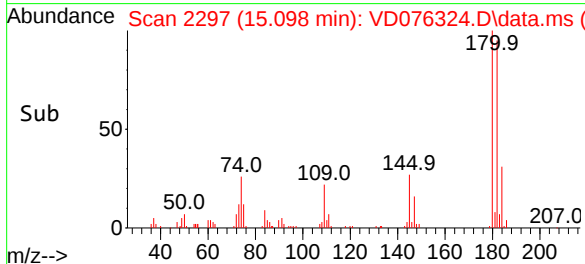
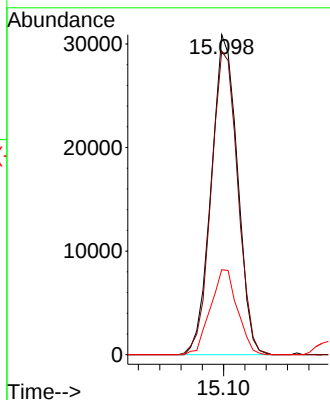
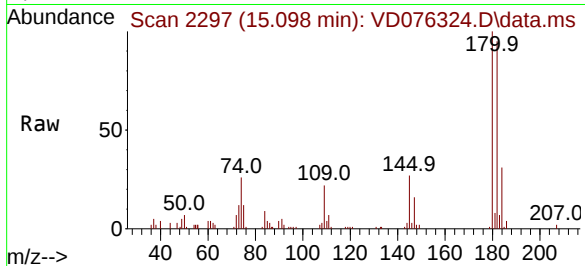




#93
 1,2,4-Trichlorobenzene
 Concen: 18.427 ug/l
 RT: 15.098 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD076324.D
 Acq: 05 Jun 2023 13:50

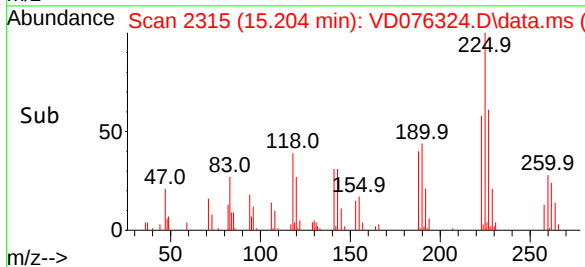
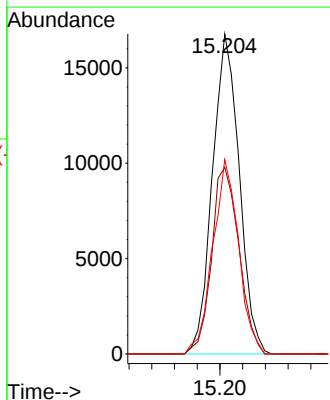
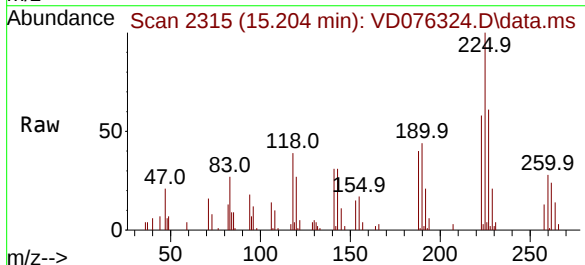
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

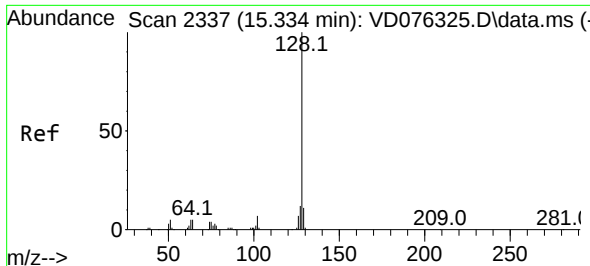
Tgt Ion:180	Resp:	52605
Ion Ratio	Lower	Upper
180	100	
182	96.4	48.5 145.6
145	27.3	14.2 42.6



#94
 Hexachlorobutadiene
 Concen: 19.698 ug/l
 RT: 15.204 min Scan# 2315
 Delta R.T. -0.000 min
 Lab File: VD076324.D
 Acq: 05 Jun 2023 13:50

Tgt Ion:225	Resp:	27494
Ion Ratio	Lower	Upper
225	100	
223	59.5	31.6 94.8
227	58.7	31.7 95.1

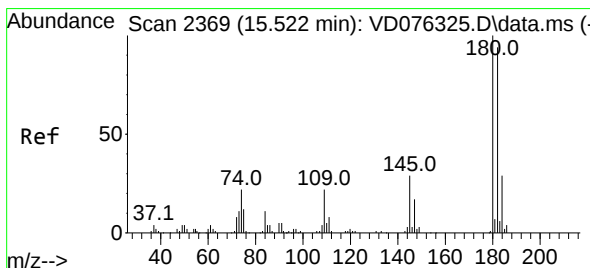
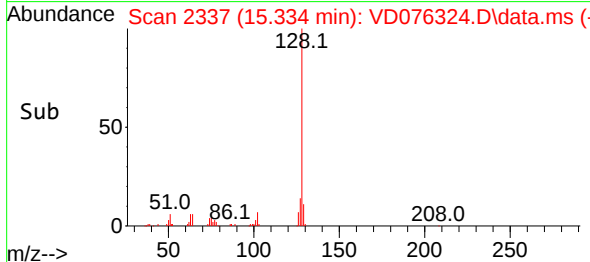
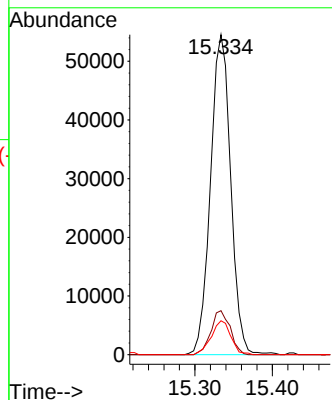
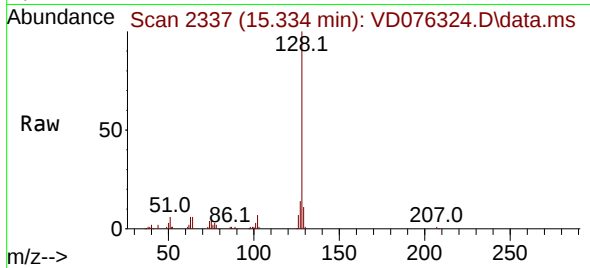




#95
Naphthalene
Concen: 18.804 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD076324.D
Acq: 05 Jun 2023 13:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 98906
Ion Ratio Lower Upper
128 100
127 13.7 10.5 15.7
129 10.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.445 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD076324.D
Acq: 05 Jun 2023 13:50

Tgt Ion:180 Resp: 46566
Ion Ratio Lower Upper
180 100
182 96.4 47.3 141.9
145 29.9 15.1 45.3

