

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071423\
 Data File : VD076735.D
 Acq On : 14 Jul 2023 11:55
 Operator : KP/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Quant Time: Jul 17 04:47:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 04:42:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	198382	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	368707	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	327209	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	148407	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	43643	21.289	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	42.580%#
35) Dibromofluoromethane	7.799	113	51378	21.569	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	43.140%#
50) Toluene-d8	10.269	98	168342	19.851	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	39.700%#
62) 4-Bromofluorobenzene	12.575	95	53457	19.706	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	39.420%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	8919	5.636	ug/l	99
3) Chloromethane	2.146	50	14195	5.170	ug/l	95
4) Vinyl Chloride	2.281	62	17589	4.826	ug/l	89
5) Bromomethane	2.687	94	13893	4.733	ug/l	100
6) Chloroethane	2.834	64	12403	4.510	ug/l	100
7) Trichlorofluoromethane	3.169	101	16911	5.219	ug/l	98
8) Diethyl Ether	3.593	74	4924	4.395	ug/l	71
9) 1,1,2-Trichlorotrifluo...	3.963	101	11336	5.337	ug/l	96
10) Methyl Iodide	4.158	142	10540	4.476	ug/l	91
11) Tert butyl alcohol	5.052	59	2265	14.624	ug/l #	73
12) 1,1-Dichloroethene	3.934	96	9283	4.654	ug/l #	74
13) Acrolein	3.793	56	3952	13.368	ug/l	95
14) Allyl chloride	4.552	41	12144	4.702	ug/l #	85
15) Acrylonitrile	5.258	53	12384	22.734	ug/l	95
16) Acetone	4.028	43	10241	21.151	ug/l	92
17) Carbon Disulfide	4.263	76	22712	4.945	ug/l	100
18) Methyl Acetate	4.569	43	8171	4.518	ug/l #	74
19) Methyl tert-butyl Ether	5.316	73	24469	4.616	ug/l #	90
20) Methylene Chloride	4.805	84	20911	Below Cal	#	80
21) trans-1,2-Dichloroethene	5.305	96	10948	4.777	ug/l	98
22) Diisopropyl ether	6.216	45	27921	4.547	ug/l #	91
23) Vinyl Acetate	6.152	43	65617	21.640	ug/l	99
24) 1,1-Dichloroethane	6.110	63	19429	4.643	ug/l	96
25) 2-Butanone	7.093	43	16047	24.796	ug/l	94
26) 2,2-Dichloropropane	7.075	77	18523	5.110	ug/l	76
27) cis-1,2-Dichloroethene	7.069	96	13814	4.868	ug/l	92
29) Tetrahydrofuran	7.446	42	8415	22.197	ug/l	96
30) Chloroform	7.599	83	21456	4.723	ug/l	98
31) Cyclohexane	7.875	56	17249	5.842	ug/l #	83
32) 1,1,1-Trichloroethane	7.799	97	17426	4.733	ug/l	98
36) 1,1-Dichloropropene	8.010	75	14420	4.769	ug/l	98
37) Ethyl Acetate	7.169	43	6423	4.699	ug/l #	85
38) Carbon Tetrachloride	7.987	117	13054	4.526	ug/l	86
39) Methylcyclohexane	9.275	83	16767	4.838	ug/l	93
40) Benzene	8.251	78	44256	4.608	ug/l	93
41) Methacrylonitrile	7.387	41	1767	2.134	ug/l #	28

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 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Quant Time: Jul 17 04:47:08 2023
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 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 04:42:51 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.322	62	12356	4.922	ug/l	97
43) Isopropyl Acetate	8.363	43	11992	4.525	ug/l #	81
44) Trichloroethene	9.028	130	12918	4.962	ug/l	96
45) 1,2-Dichloropropane	9.304	63	12179	4.929	ug/l	98
46) Dibromomethane	9.398	93	6512	4.446	ug/l	95
47) Bromodichloromethane	9.587	83	16858	4.644	ug/l #	97
48) Methyl methacrylate	9.381	41	5293	4.360	ug/l #	87
49) 1,4-Dioxane	9.381	88	1764	97.630	ug/l #	46
51) 4-Methyl-2-Pentanone	10.163	43	30650	21.645	ug/l	93
52) Toluene	10.334	92	28356	4.522	ug/l	94
53) t-1,3-Dichloropropene	10.557	75	14072	4.198	ug/l	96
54) cis-1,3-Dichloropropene	10.010	75	17700	4.443	ug/l #	87
55) 1,1,2-Trichloroethane	10.734	97	10248	4.814	ug/l	92
56) Ethyl methacrylate	10.598	69	10568	4.357	ug/l	91
57) 1,3-Dichloropropane	10.881	76	15511	4.500	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	22787	23.963	ug/l	93
59) 2-Hexanone	10.922	43	21133	20.853	ug/l	96
60) Dibromochloromethane	11.075	129	10966	4.463	ug/l	94
61) 1,2-Dibromoethane	11.181	107	8738	4.414	ug/l	99
64) Tetrachloroethene	10.804	164	9830	5.314	ug/l	89
65) Chlorobenzene	11.604	112	32607	4.931	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	10975	4.444	ug/l	93
67) Ethyl Benzene	11.681	91	52182	4.537	ug/l	94
68) m/p-Xylenes	11.792	106	39702	8.980	ug/l	90
69) o-Xylene	12.122	106	20343	4.820	ug/l	99
70) Styrene	12.134	104	32500	4.413	ug/l	95
71) Bromoform	12.304	173	6696	5.004	ug/l #	96
73) Isopropylbenzene	12.422	105	48890	4.609	ug/l	99
74) N-amyl acetate	12.234	43	10573	4.699	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.669	83	11856	5.141	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	12908	9.772	ug/l #	100
77) Bromobenzene	12.698	156	12166	4.911	ug/l	84
78) n-propylbenzene	12.763	91	62389	4.833	ug/l	95
79) 2-Chlorotoluene	12.851	91	34079	4.767	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	40662	4.700	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	3253	4.953	ug/l	96
82) 4-Chlorotoluene	12.945	91	34403	4.587	ug/l	93
83) tert-Butylbenzene	13.169	119	36170	4.747	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	39705	4.510	ug/l	94
85) sec-Butylbenzene	13.345	105	55651	4.764	ug/l	93
86) p-Isopropyltoluene	13.457	119	45132	4.705	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	24394	4.753	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	24605	4.842	ug/l	90
89) n-Butylbenzene	13.786	91	44704	4.778	ug/l	95
90) Hexachloroethane	14.051	117	8686	4.831	ug/l	84
91) 1,2-Dichlorobenzene	13.834	146	21583	4.777	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.451	75	1221	3.653	ug/l	65
93) 1,2,4-Trichlorobenzene	15.098	180	13289	4.788	ug/l	92
94) Hexachlorobutadiene	15.198	225	6818	5.140	ug/l	96
95) Naphthalene	15.333	128	28020	4.771	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	11794	4.806	ug/l	96

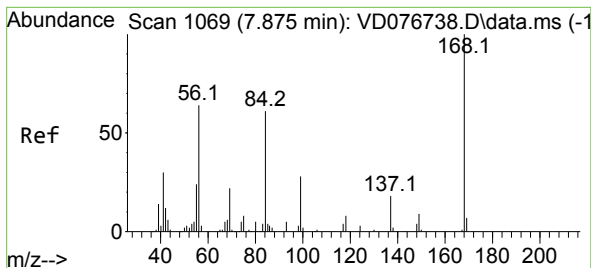
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071423\
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Operator : KP/SY
Sample : VSTDICC005
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ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VSTDICC005

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Quant Title : SW846 8260
QLast Update : Mon Jul 17 04:42:51 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#)=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: VD076735.D

Acq: 14 Jul 2023 11:55

Instrument :

MSVOA_D

ClientSampleId :

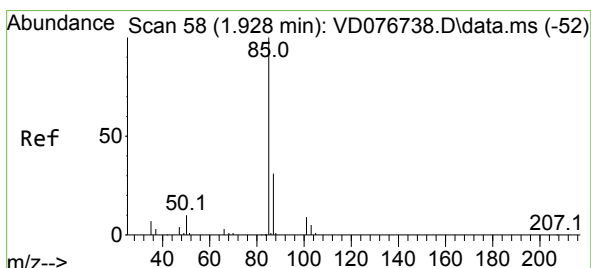
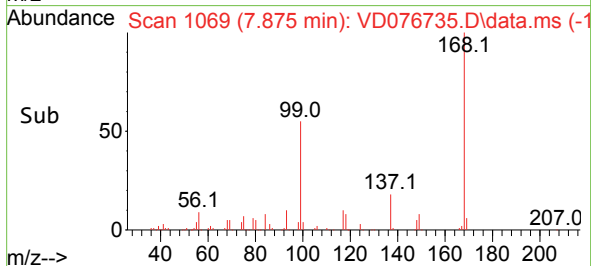
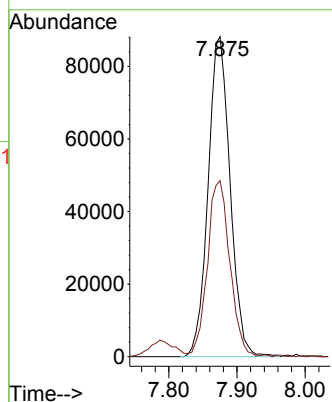
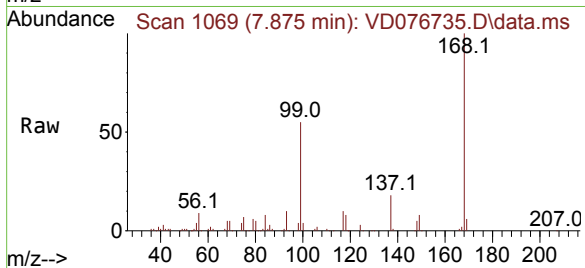
VSTDICC005

Tgt Ion:168 Resp: 198382

Ion Ratio Lower Upper

168 100

99 54.5 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 5.636 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.006 min

Lab File: VD076735.D

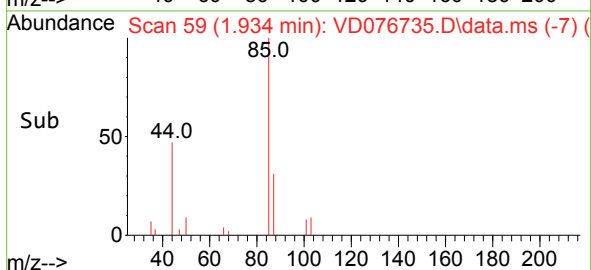
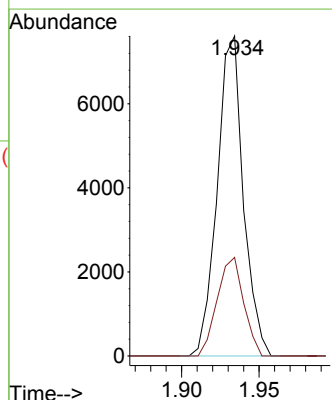
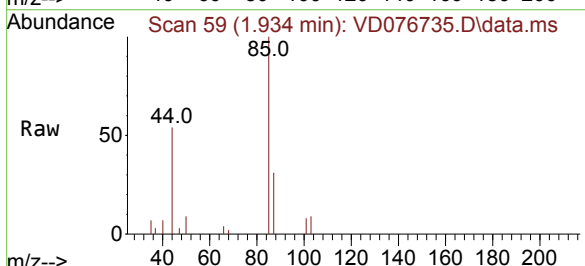
Acq: 14 Jul 2023 11:55

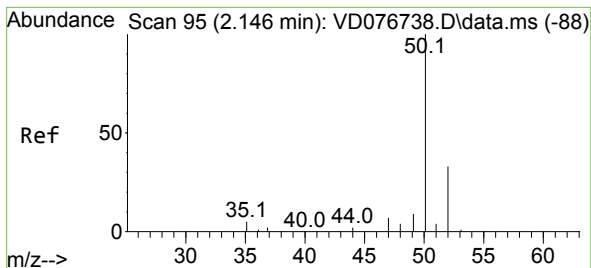
Tgt Ion: 85 Resp: 8919

Ion Ratio Lower Upper

85 100

87 30.8 15.7 47.0





#3

Chloromethane

Concen: 5.170 ug/l

RT: 2.146 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD076735.D

Acq: 14 Jul 2023 11:55

Instrument :

MSVOA_D

ClientSampleId :

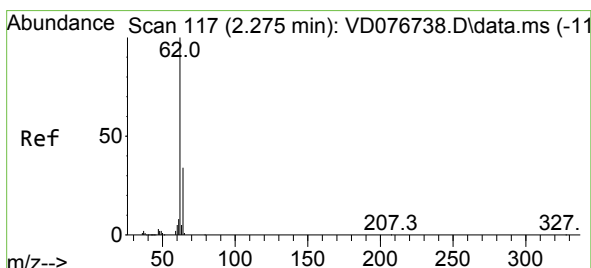
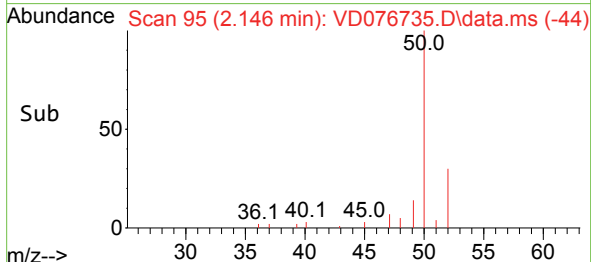
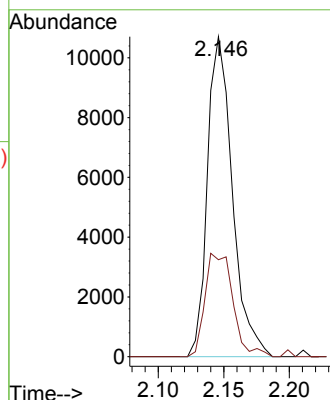
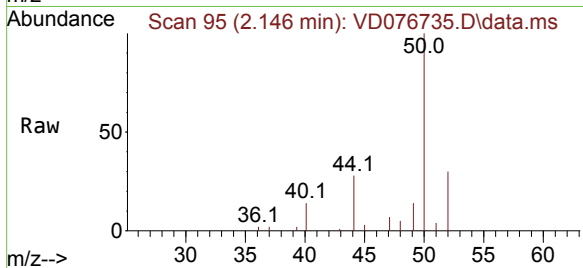
VSTDIC005

Tgt Ion: 50 Resp: 14195

Ion Ratio Lower Upper

50 100

52 30.3 26.6 40.0



#4

Vinyl Chloride

Concen: 4.826 ug/l

RT: 2.281 min Scan# 118

Delta R.T. 0.006 min

Lab File: VD076735.D

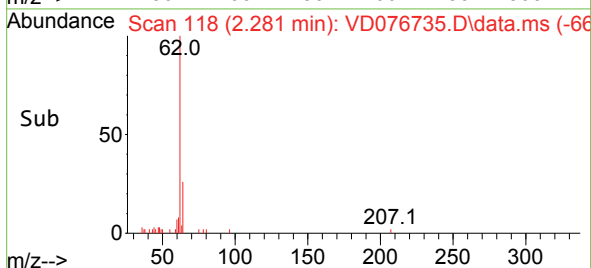
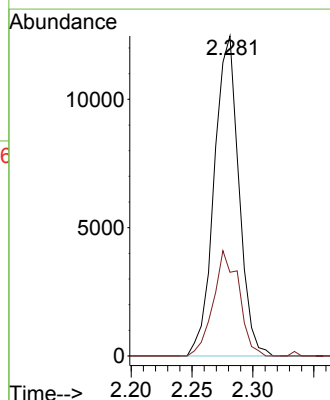
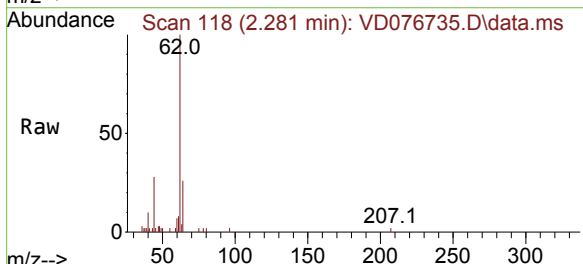
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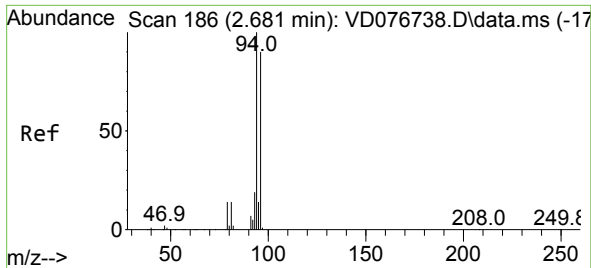
Tgt Ion: 62 Resp: 17589

Ion Ratio Lower Upper

62 100

64 26.2 26.0 39.0

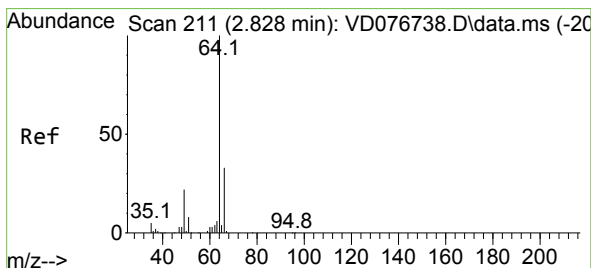
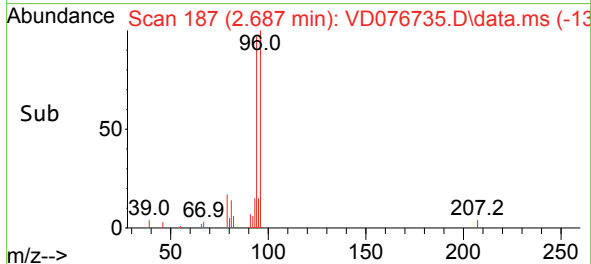
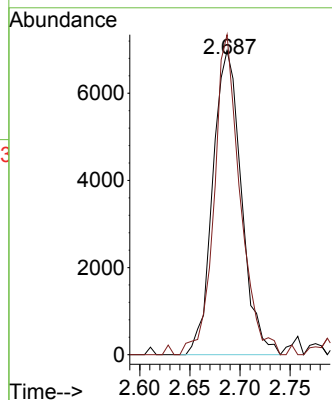
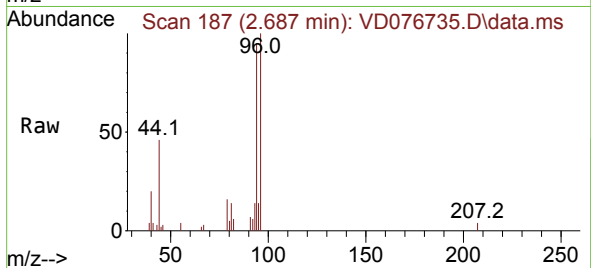




#5
Bromomethane
Concen: 4.733 ug/l
RT: 2.687 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

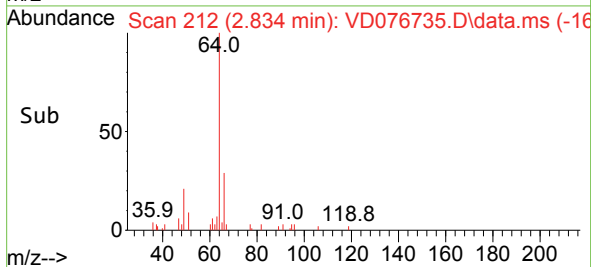
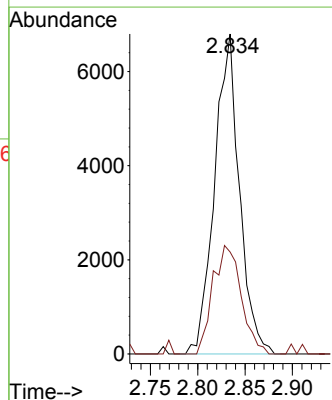
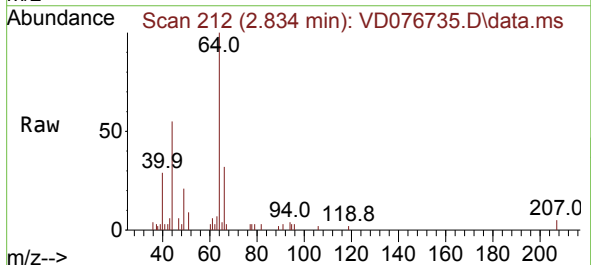
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

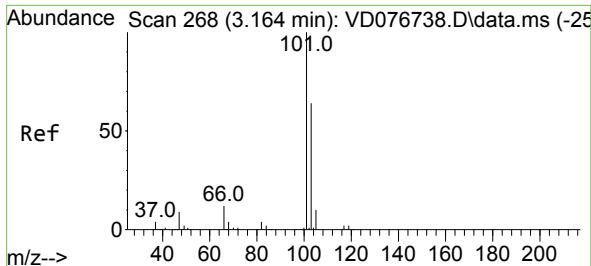
Tgt Ion: 94 Resp: 13893
Ion Ratio Lower Upper
94 100
96 95.1 75.8 113.8



#6
Chloroethane
Concen: 4.510 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.006 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

Tgt Ion: 64 Resp: 12403
Ion Ratio Lower Upper
64 100
66 31.9 25.5 38.3

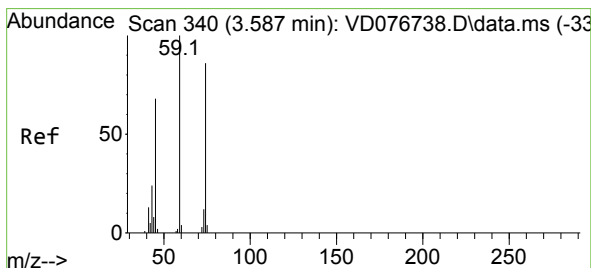
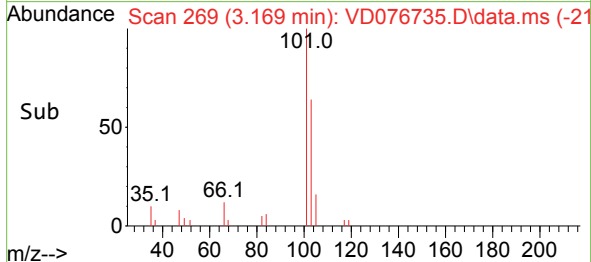
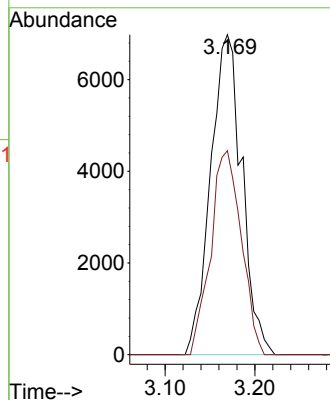
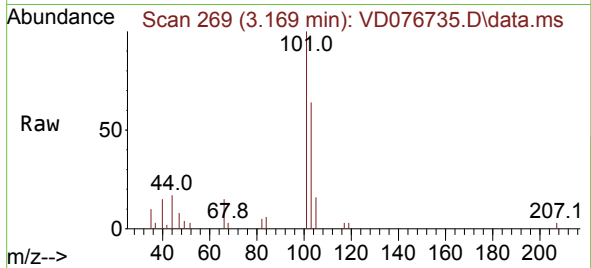




#7
Trichlorofluoromethane
Concen: 5.219 ug/l
RT: 3.169 min Scan# 20
Delta R.T. 0.006 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

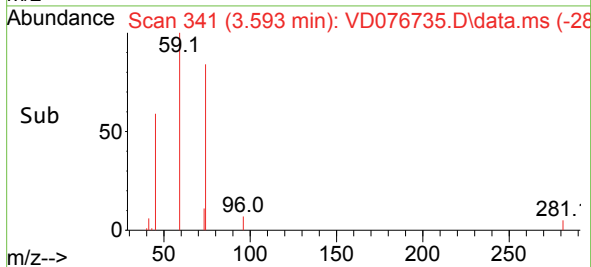
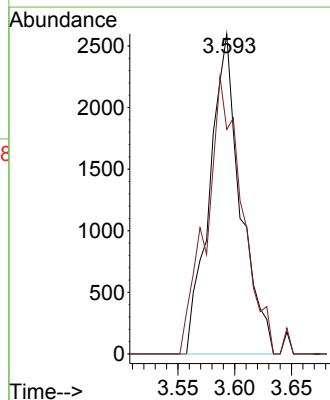
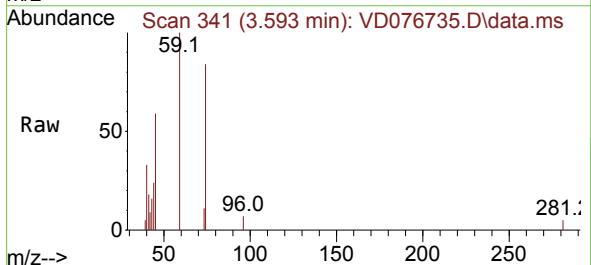
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

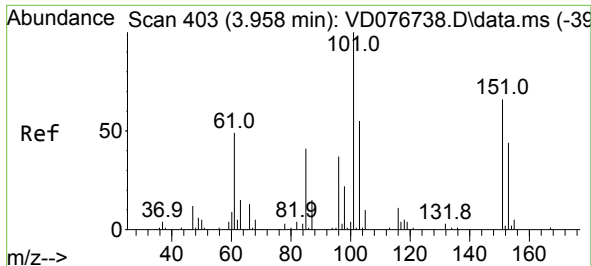
Tgt Ion:101 Resp: 16911
Ion Ratio Lower Upper
101 100
103 63.8 52.3 78.5



#8
Diethyl Ether
Concen: 4.395 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.006 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

Tgt Ion: 74 Resp: 4924
Ion Ratio Lower Upper
74 100
45 99.5 37.5 112.7

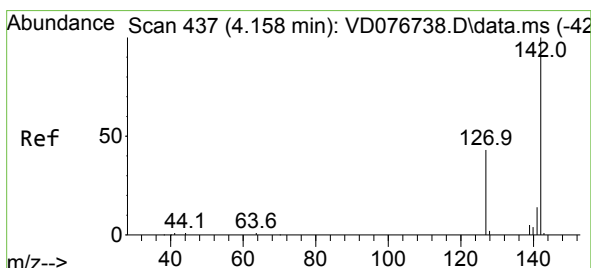
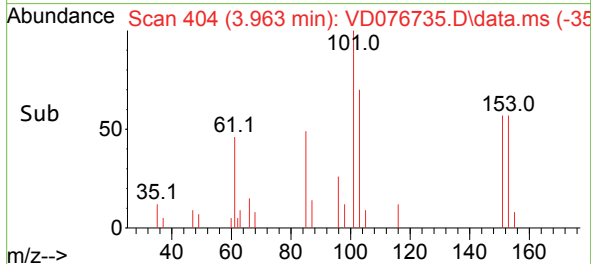
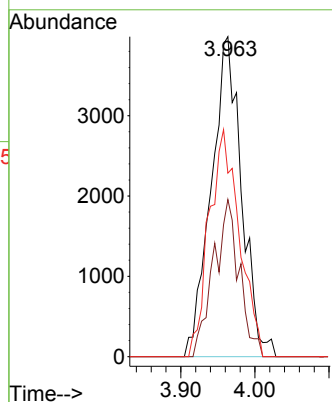
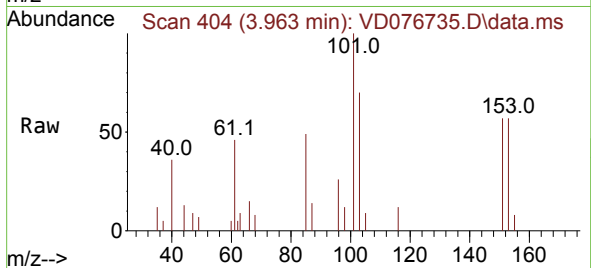




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.337 ug/l
RT: 3.963 min Scan# 403
Delta R.T. 0.006 min
Lab File: VD076735.D
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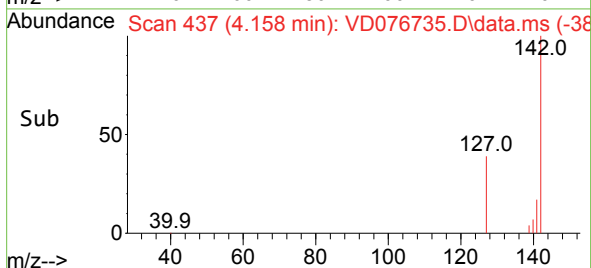
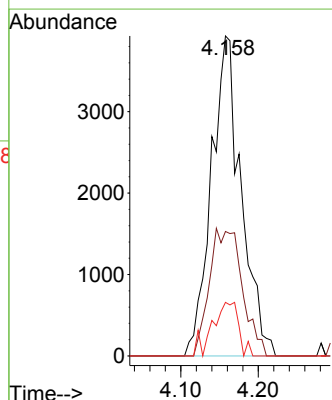
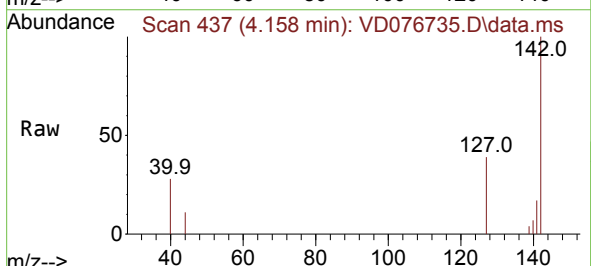
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

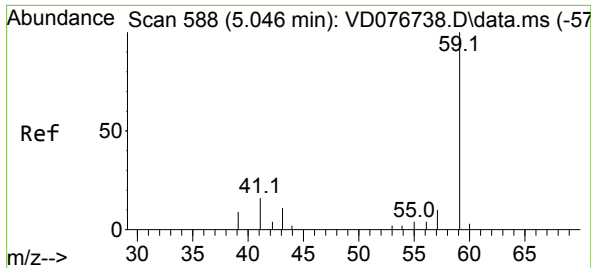
Tgt Ion:101 Resp: 11336
Ion Ratio Lower Upper
101 100
85 41.5 33.8 50.6
151 70.4 59.8 89.6



#10
Methyl Iodide
Concen: 4.476 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

Tgt Ion:142 Resp: 10540
Ion Ratio Lower Upper
142 100
127 43.9 29.4 44.0
141 14.7 11.1 16.7

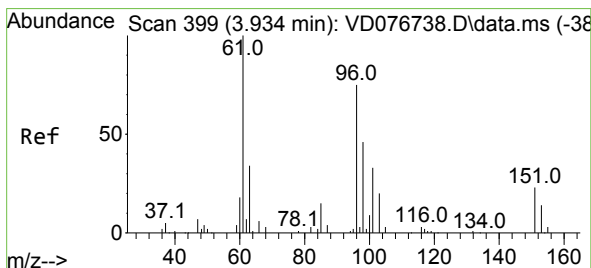
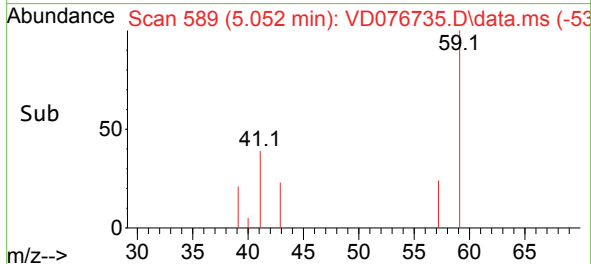
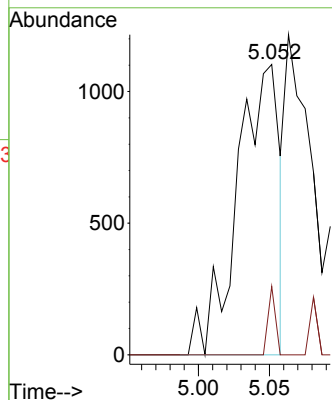
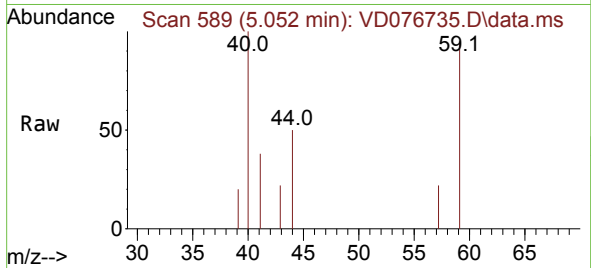




#11
Tert butyl alcohol
Concen: 14.624 ug/l
RT: 5.052 min Scan# 589
Delta R.T. 0.006 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

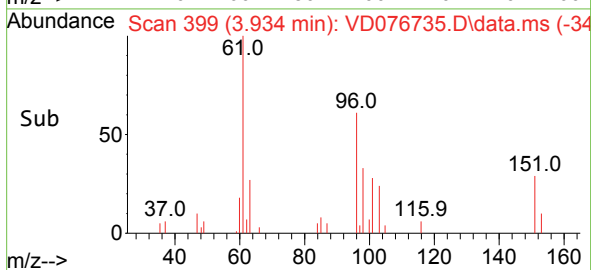
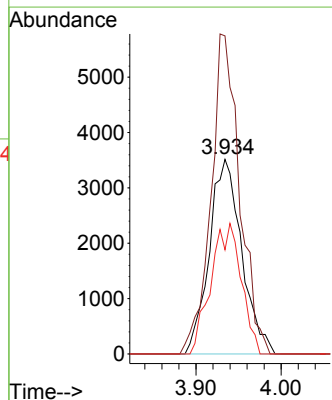
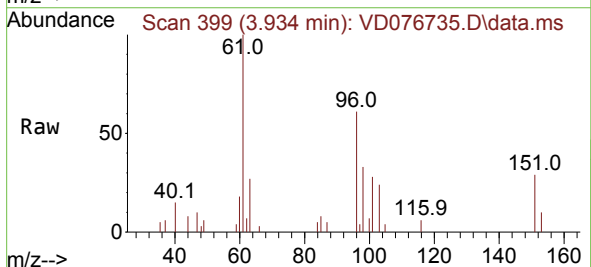
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

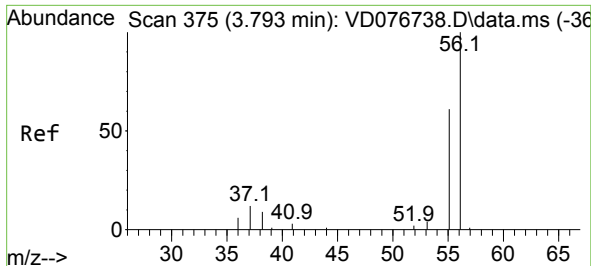
Tgt Ion: 59 Resp: 2265
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 4.654 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.000 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

Tgt Ion: 96 Resp: 9283
Ion Ratio Lower Upper
96 100
61 163.4 100.6 150.8#
98 53.5 50.2 75.2

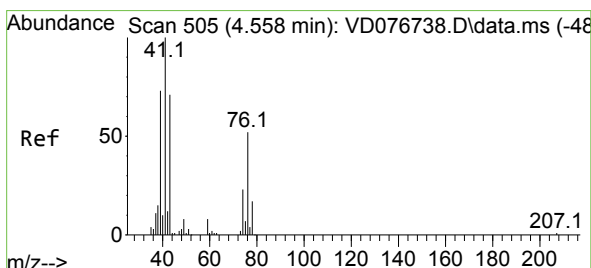
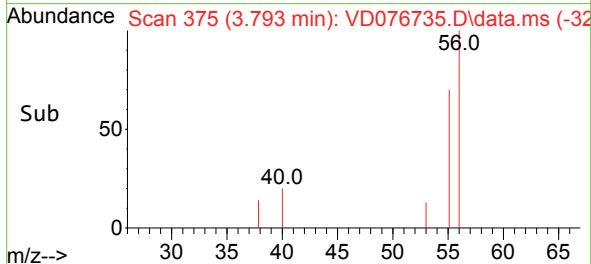
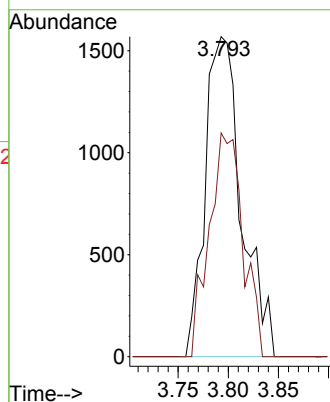
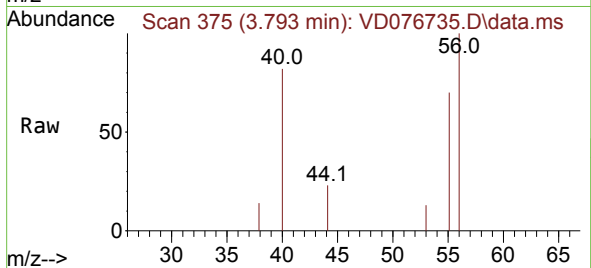




#13
Acrolein
Concen: 13.368 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

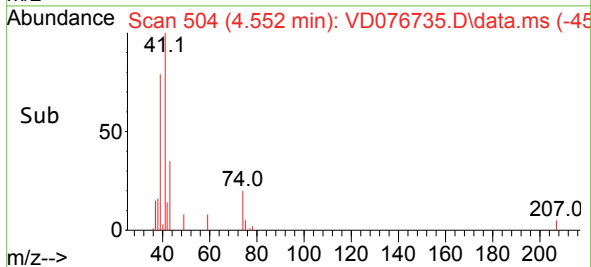
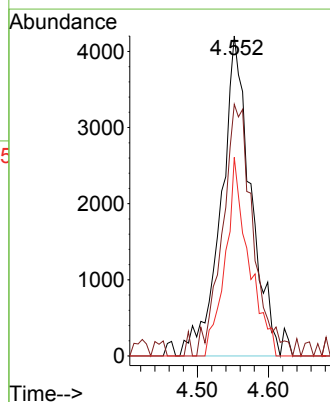
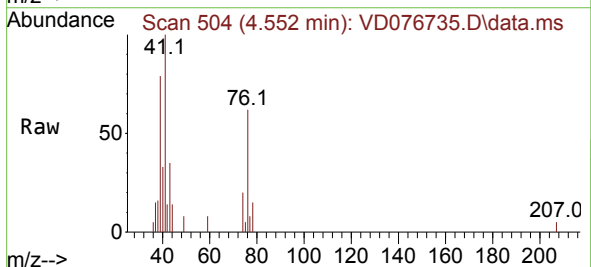
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

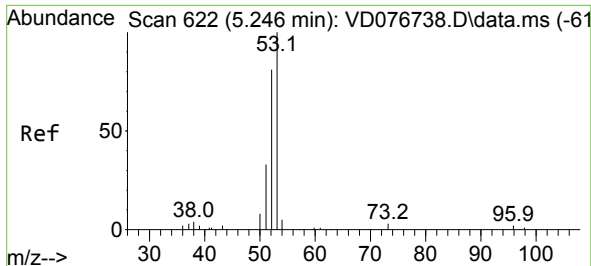
Tgt Ion: 56 Resp: 3952
Ion Ratio Lower Upper
56 100
55 64.8 55.1 82.7



#14
Allyl chloride
Concen: 4.702 ug/l
RT: 4.552 min Scan# 504
Delta R.T. -0.006 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

Tgt Ion: 41 Resp: 12144
Ion Ratio Lower Upper
41 100
39 81.3 53.8 80.6#
76 49.2 45.8 68.8

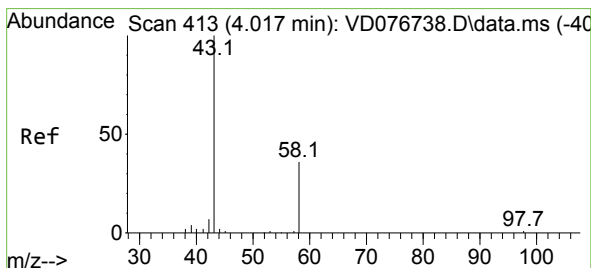
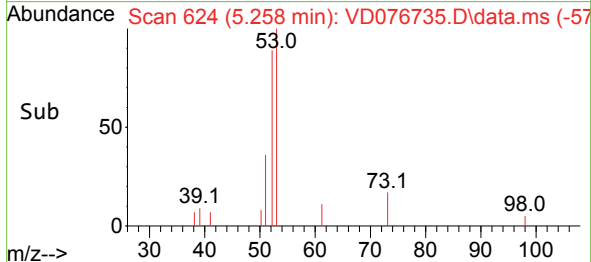
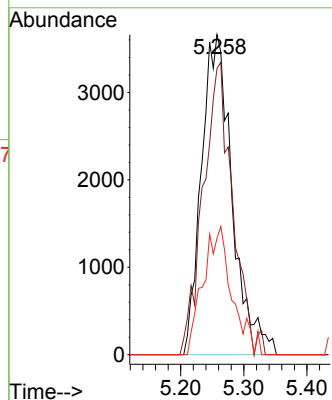
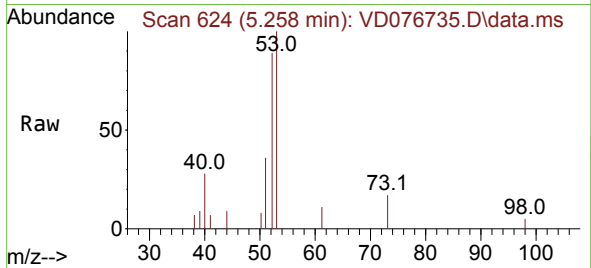




#15
Acrylonitrile
Concen: 22.734 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

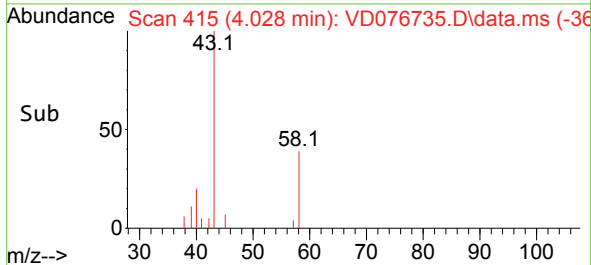
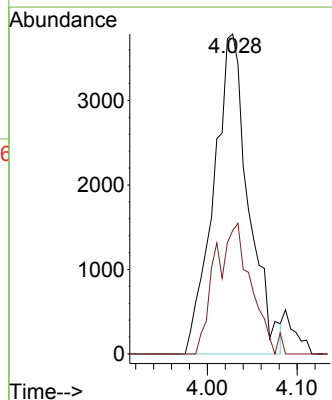
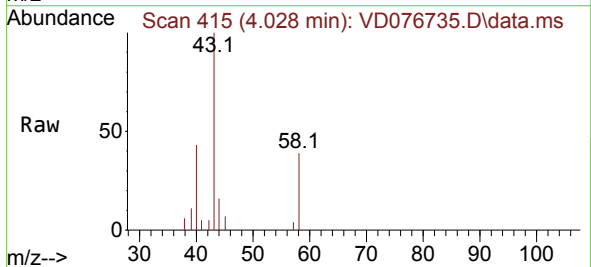
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

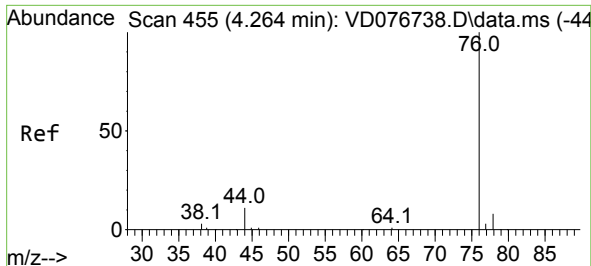
Tgt Ion: 53	Resp:	12384
Ion	Ratio	Lower Upper
53	100	
52	85.8	65.0 97.4
51	37.8	28.3 42.5



#16
Acetone
Concen: 21.151 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.012 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

Tgt Ion: 43	Resp:	10241
Ion	Ratio	Lower Upper
43	100	
58	38.6	34.7 52.1

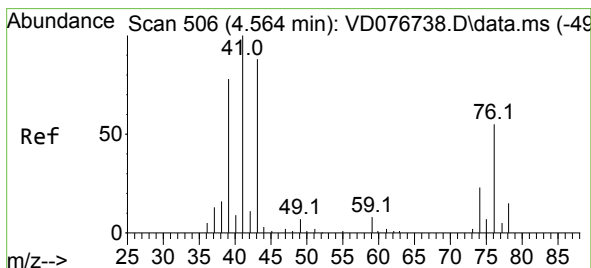
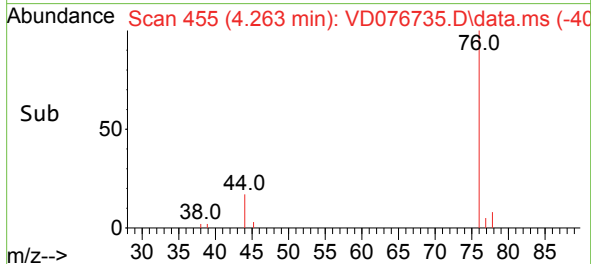
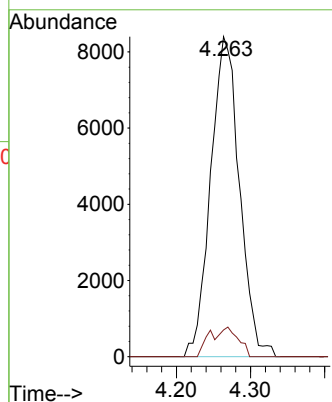
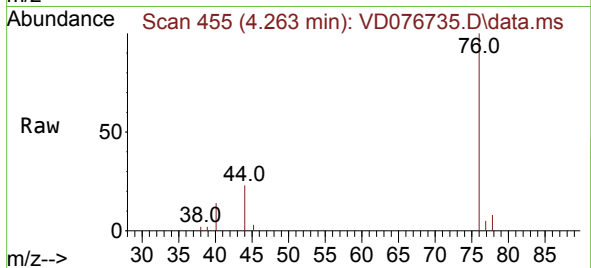




#17
Carbon Disulfide
Concen: 4.945 ug/l
RT: 4.263 min Scan# 411
Delta R.T. -0.000 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

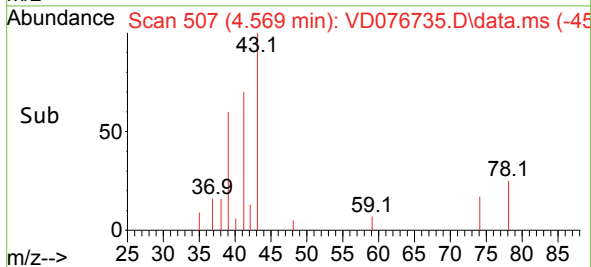
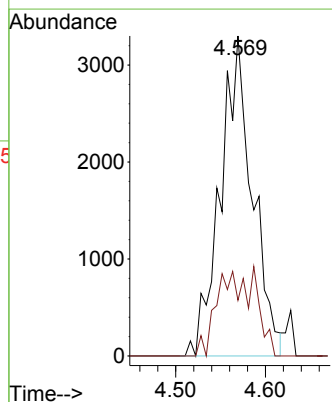
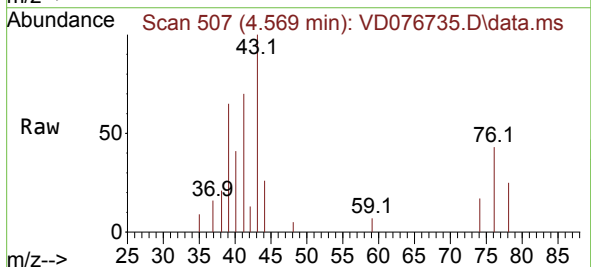
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

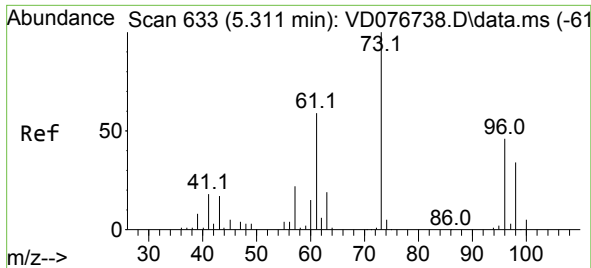
Tgt Ion: 76 Resp: 22712
Ion Ratio Lower Upper
76 100
78 8.4 6.8 10.2



#18
Methyl Acetate
Concen: 4.518 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

Tgt Ion: 43 Resp: 8171
Ion Ratio Lower Upper
43 100
74 18.0 26.4 39.6#

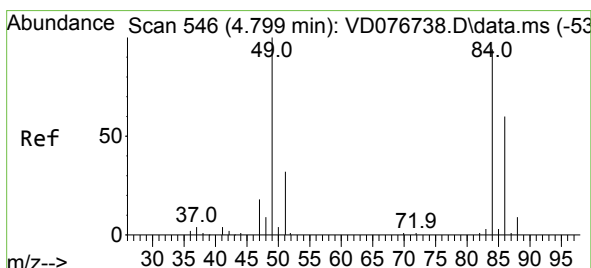
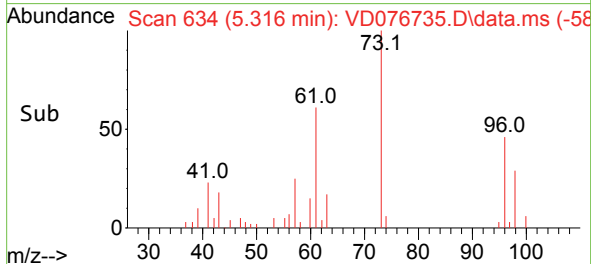
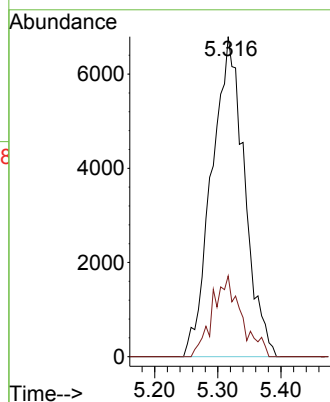
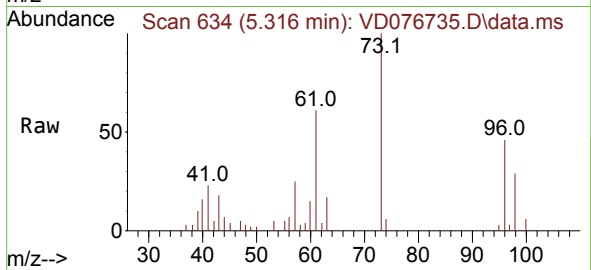




#19
Methyl tert-butyl Ether
Concen: 4.616 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.005 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

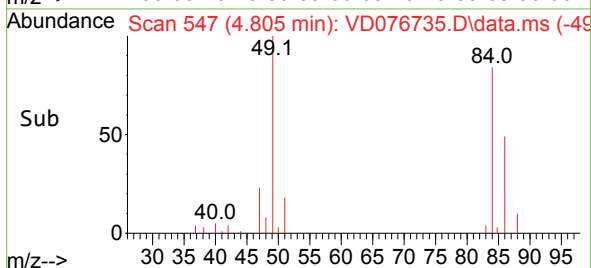
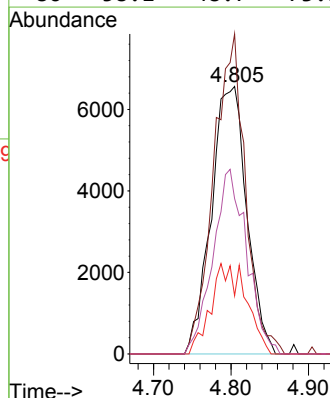
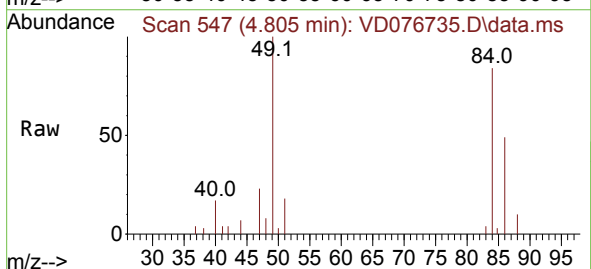
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

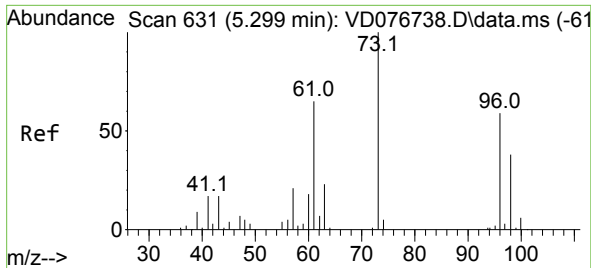
Tgt Ion: 73 Resp: 24469
Ion Ratio Lower Upper
73 100
57 25.3 16.6 25.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

Tgt Ion: 84 Resp: 20911
Ion Ratio Lower Upper
84 100
49 119.6 71.4 107.2#
51 21.8 24.5 36.7#
86 58.1 48.7 73.1

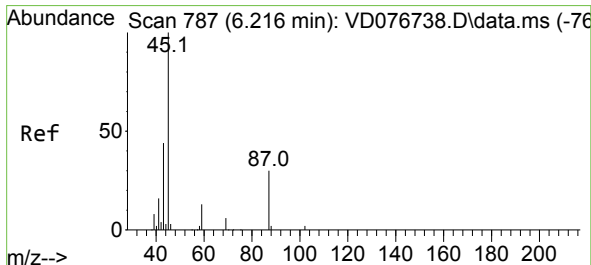
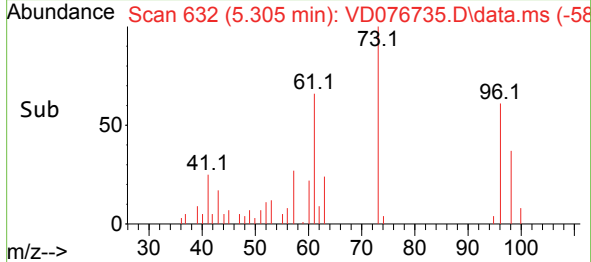
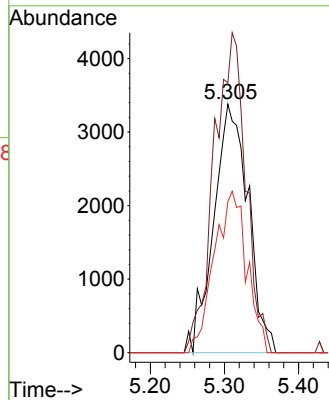
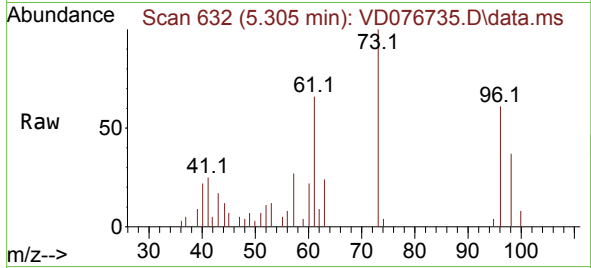




#21
trans-1,2-Dichloroethene
Concen: 4.777 ug/l
RT: 5.305 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

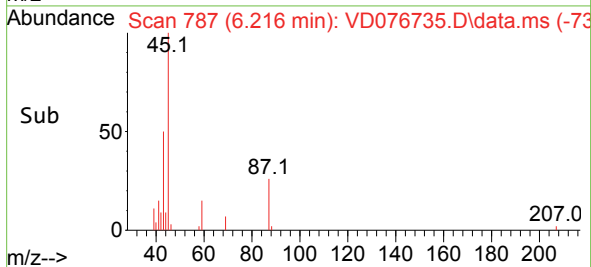
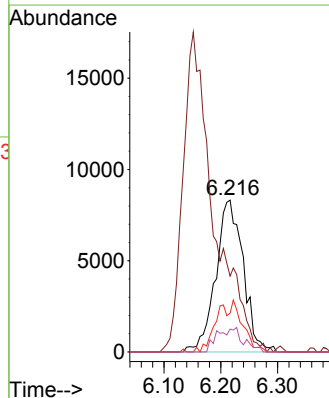
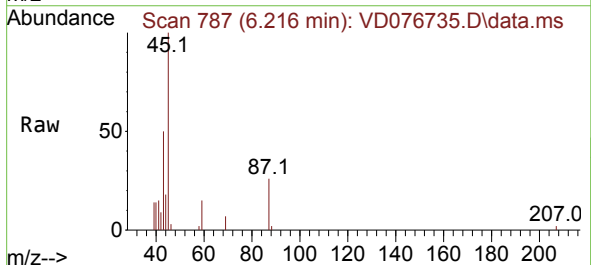
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

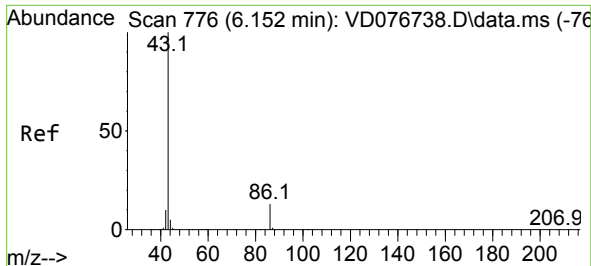
Tgt Ion: 96 Resp: 10948
Ion Ratio Lower Upper
96 100
61 108.6 89.3 133.9
98 60.8 48.6 73.0



#22
Diisopropyl ether
Concen: 4.547 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.000 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

Tgt Ion: 45 Resp: 27921
Ion Ratio Lower Upper
45 100
43 45.9 40.0 60.0
87 25.5 28.2 42.4#
59 15.1 11.0 16.4

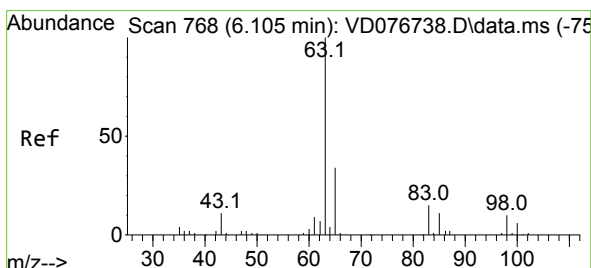
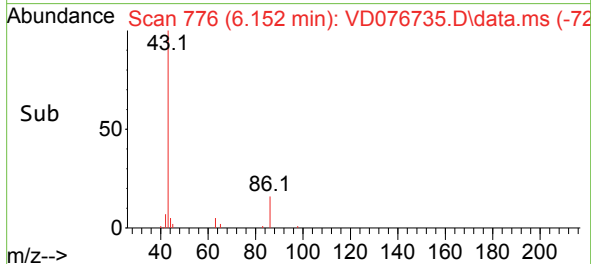
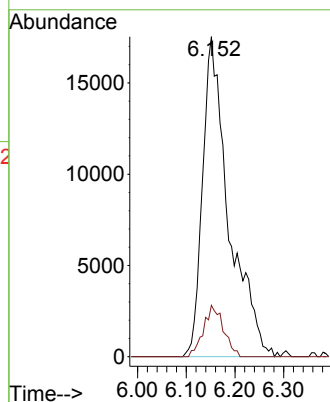
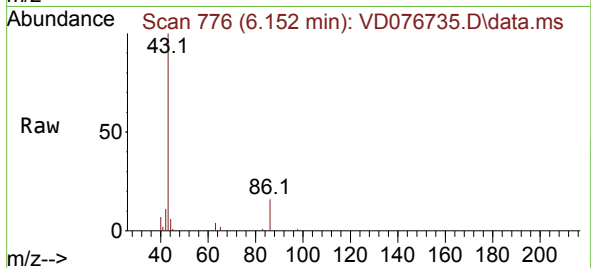




#23
 Vinyl Acetate
 Concen: 21.640 ug/l
 RT: 6.152 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VD076735.D
 Acq: 14 Jul 2023 11:55

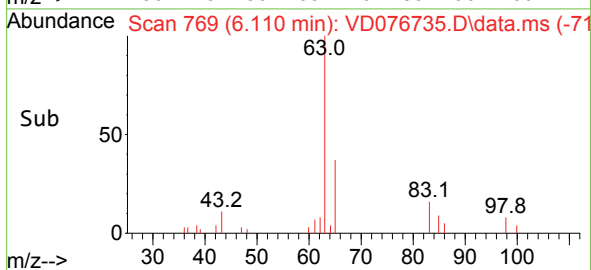
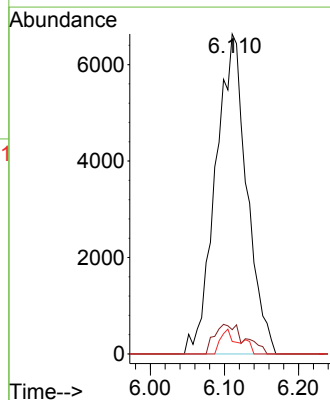
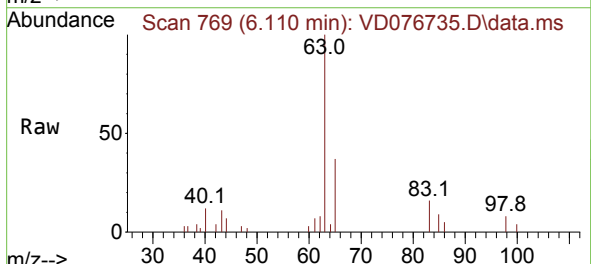
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 MSVOA_D
 ClientSampleId :
 VSTDIC005

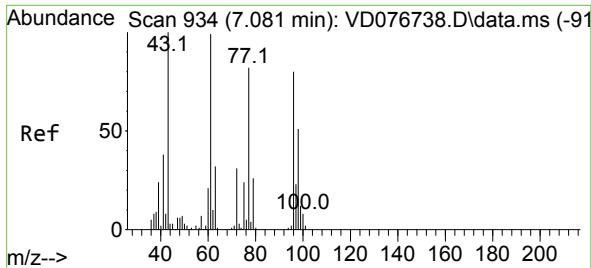
Tgt Ion: 43 Resp: 65617
 Ion Ratio Lower Upper
 43 100
 86 16.1 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 4.643 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.006 min
 Lab File: VD076735.D
 Acq: 14 Jul 2023 11:55

Tgt Ion: 63 Resp: 19429
 Ion Ratio Lower Upper
 63 100
 98 7.6 4.5 13.7
 100 3.9 2.5 7.5

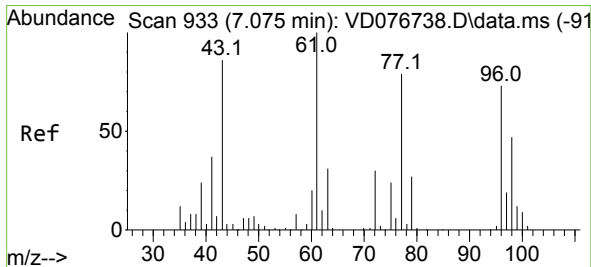
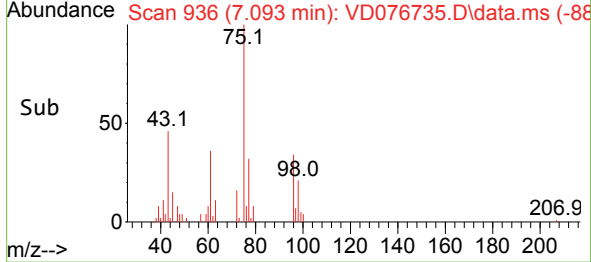
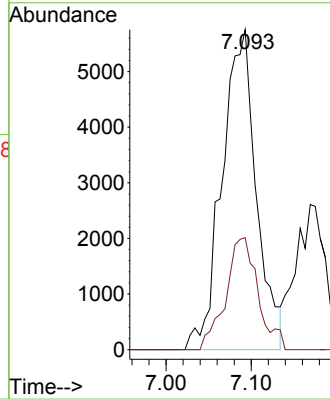
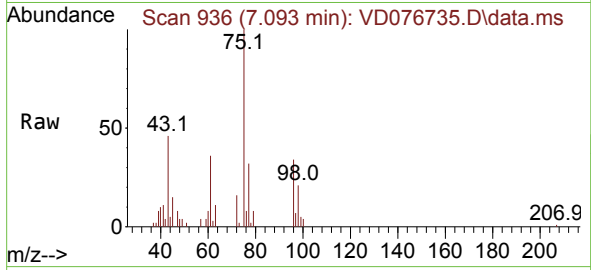




#25
2-Butanone
Concen: 24.796 ug/l
RT: 7.093 min Scan# 91
Delta R.T. 0.012 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

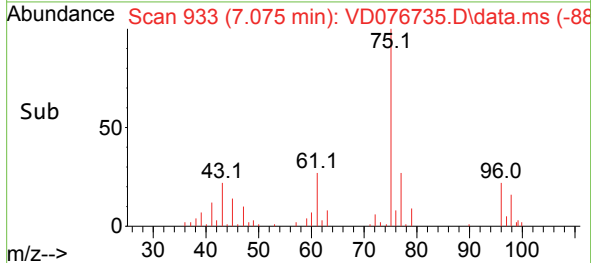
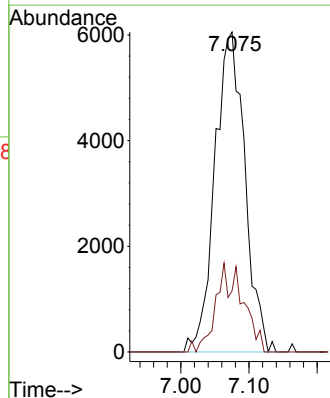
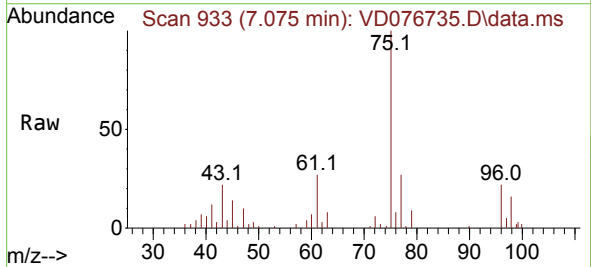
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

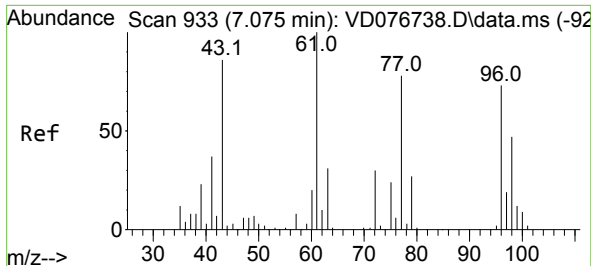
Tgt Ion: 43 Resp: 16047
Ion Ratio Lower Upper
43 100
72 35.0 30.7 46.1



#26
2,2-Dichloropropane
Concen: 5.110 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.000 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

Tgt Ion: 77 Resp: 18523
Ion Ratio Lower Upper
77 100
97 14.2 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 4.868 ug/l

RT: 7.069 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD076735.D

Acq: 14 Jul 2023 11:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

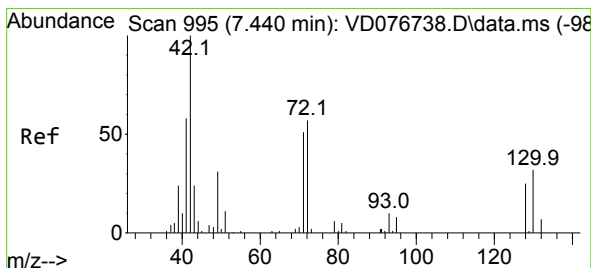
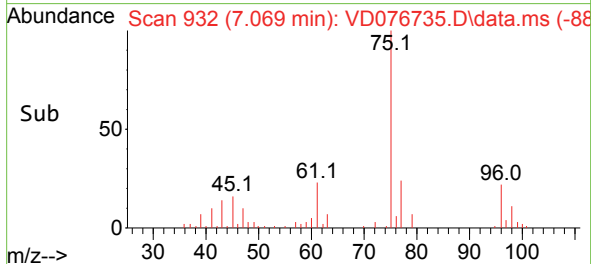
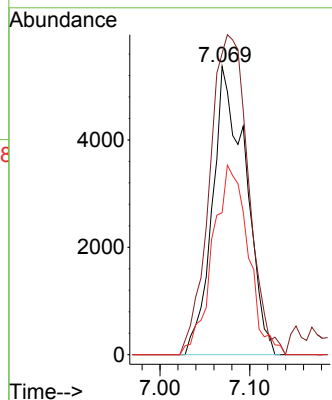
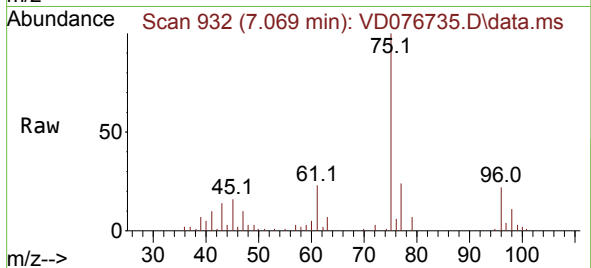
Tgt Ion: 96 Resp: 13814

Ion Ratio Lower Upper

96 100

61 129.3 0.0 239.2

98 70.2 0.0 128.6



#29

Tetrahydrofuran

Concen: 22.197 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.006 min

Lab File: VD076735.D

Acq: 14 Jul 2023 11:55

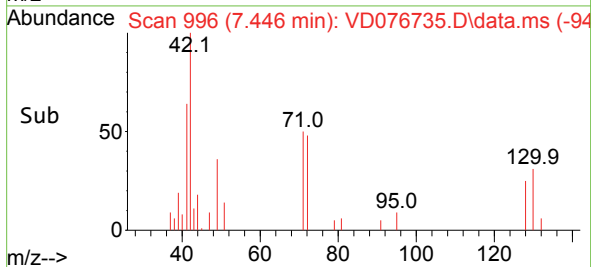
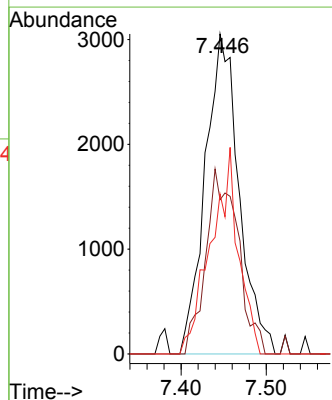
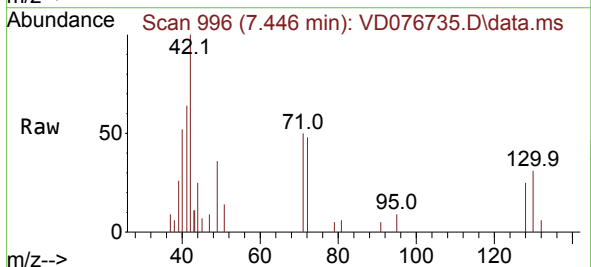
Tgt Ion: 42 Resp: 8415

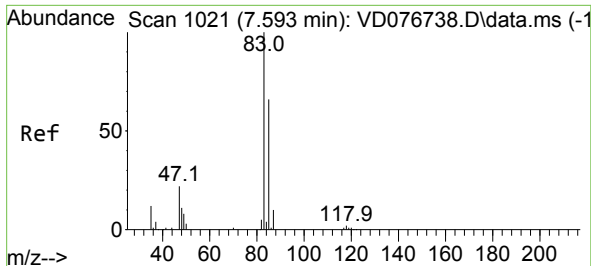
Ion Ratio Lower Upper

42 100

72 54.8 46.5 69.7

71 52.4 44.5 66.7





#30

Chloroform

Concen: 4.723 ug/l

RT: 7.599 min Scan# 1021

Delta R.T. 0.006 min

Lab File: VD076735.D

Acq: 14 Jul 2023 11:55

Instrument :

MSVOA_D

ClientSampleId :

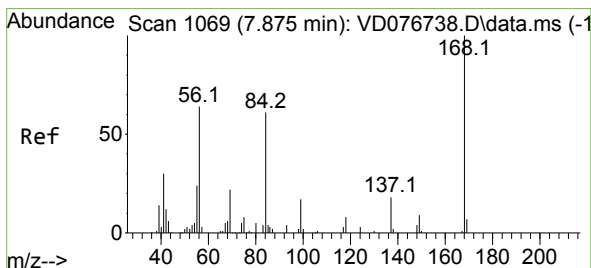
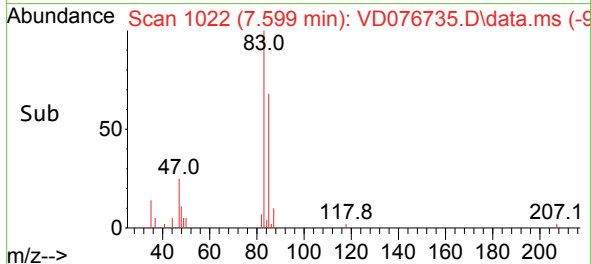
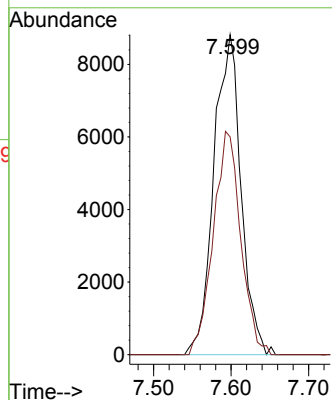
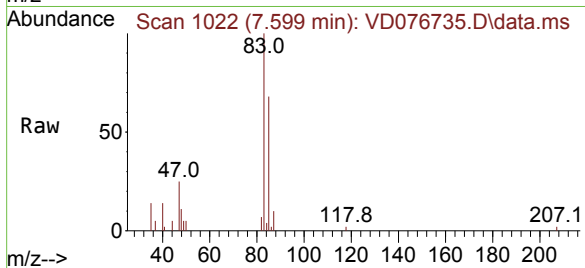
VSTDICC005

Tgt Ion: 83 Resp: 21456

Ion Ratio Lower Upper

83 100

85 68.1 53.4 80.2



#31

Cyclohexane

Concen: 5.842 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD076735.D

Acq: 14 Jul 2023 11:55

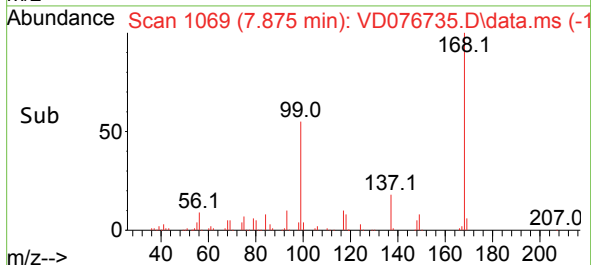
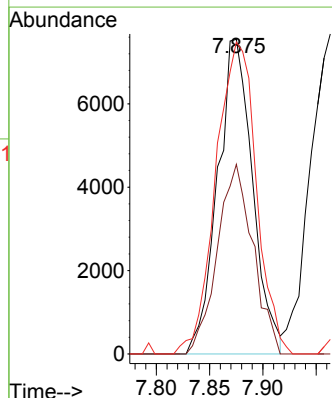
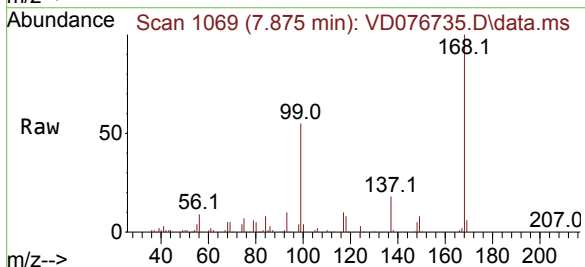
Tgt Ion: 56 Resp: 17249

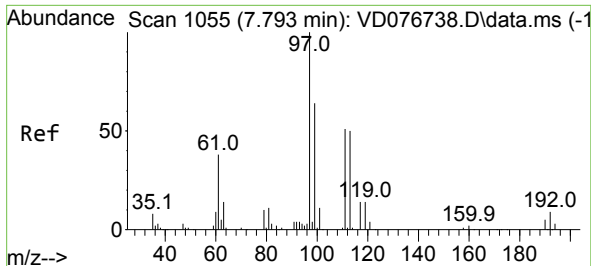
Ion Ratio Lower Upper

56 100

69 60.3 28.6 43.0#

84 96.6 84.8 127.2





#32

1,1,1-Trichloroethane

Concen: 4.733 ug/l

RT: 7.799 min Scan# 110

Delta R.T. 0.006 min

Lab File: VD076735.D

Acq: 14 Jul 2023 11:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

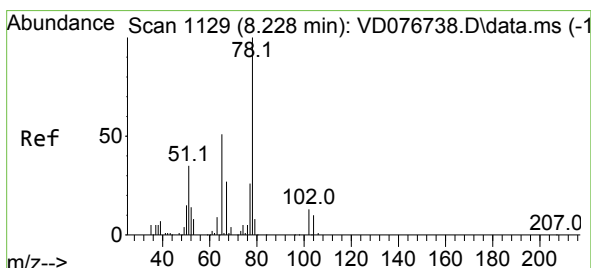
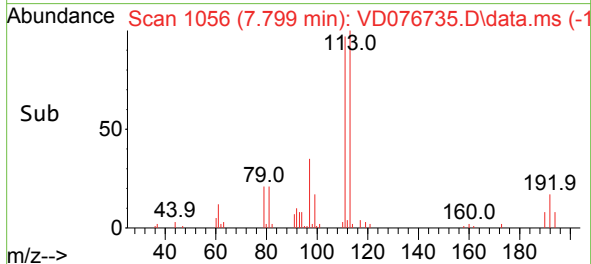
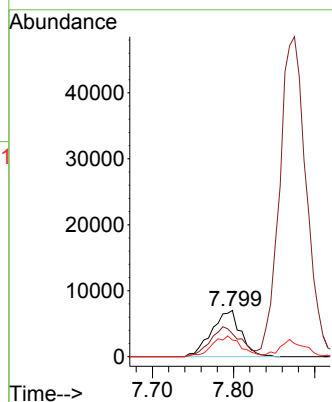
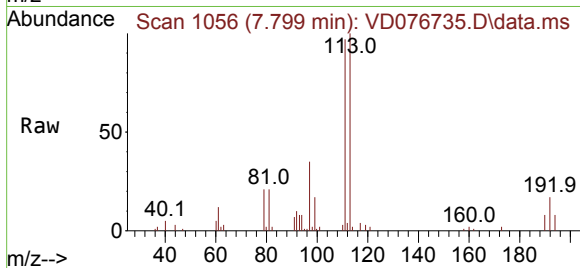
Tgt Ion: 97 Resp: 17426

Ion Ratio Lower Upper

97 100

99 66.6 52.0 78.0

61 43.9 33.8 50.8



#33

1,2-Dichloroethane-d4

Concen: 21.289 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD076735.D

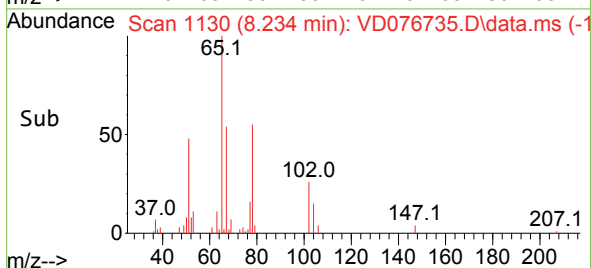
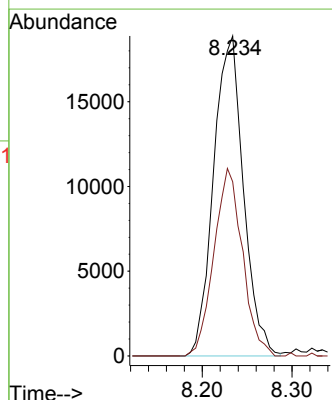
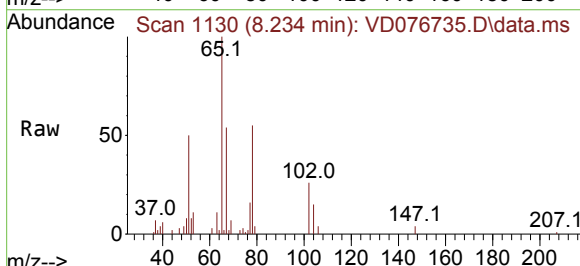
Acq: 14 Jul 2023 11:55

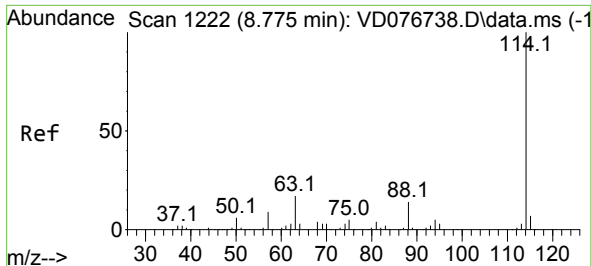
Tgt Ion: 65 Resp: 43643

Ion Ratio Lower Upper

65 100

67 56.0 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD076735.D

Acq: 14 Jul 2023 11:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

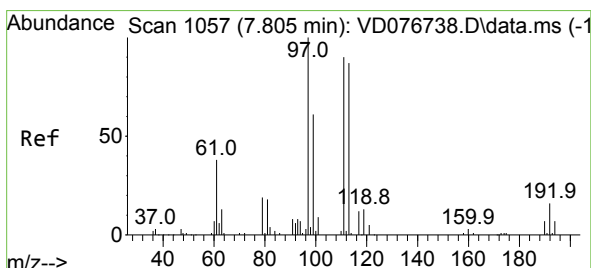
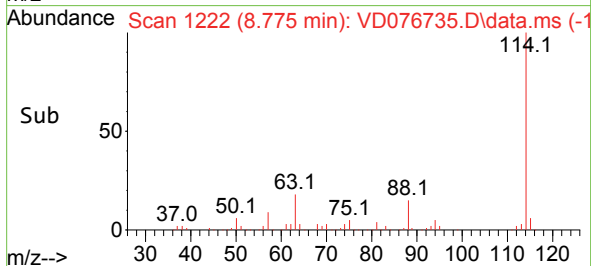
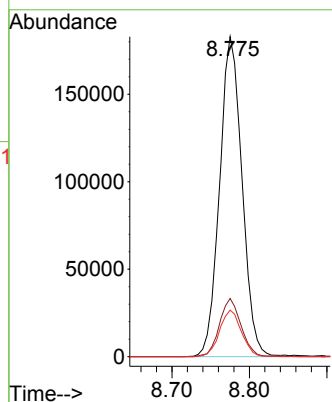
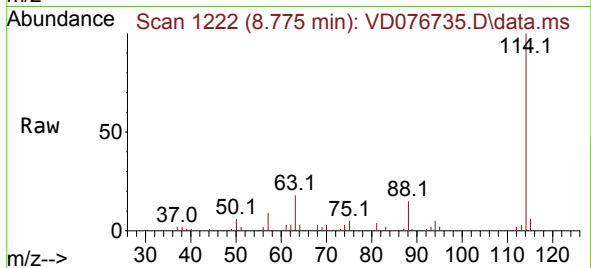
Tgt Ion:114 Resp: 368707

Ion Ratio Lower Upper

114 100

63 18.2 0.0 33.4

88 14.6 0.0 26.2



#35

Dibromofluoromethane

Concen: 21.569 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD076735.D

Acq: 14 Jul 2023 11:55

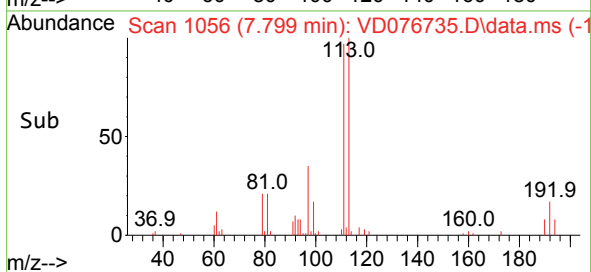
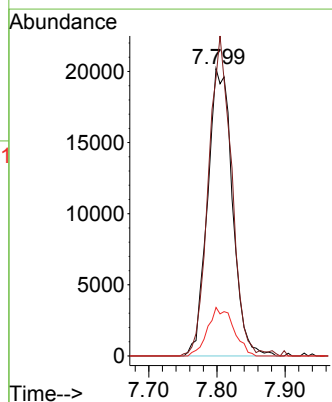
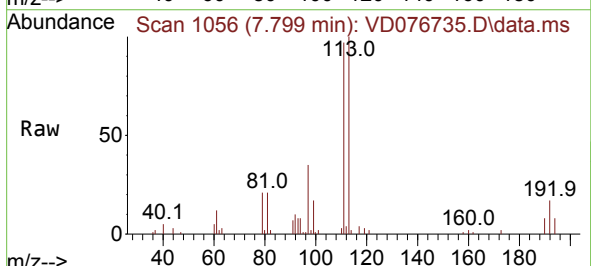
Tgt Ion:113 Resp: 51378

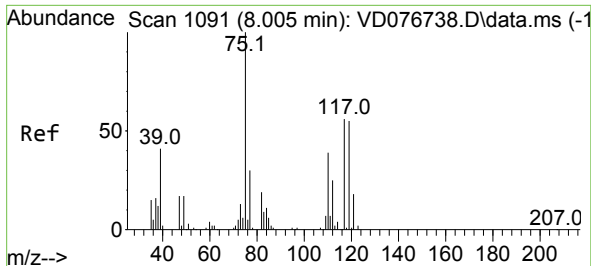
Ion Ratio Lower Upper

113 100

111 103.7 84.7 127.1

192 17.5 16.8 25.2

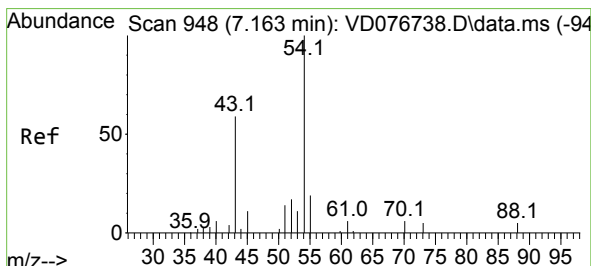
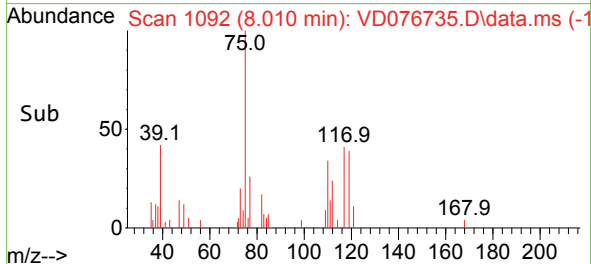
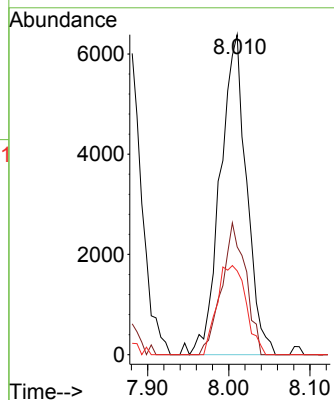
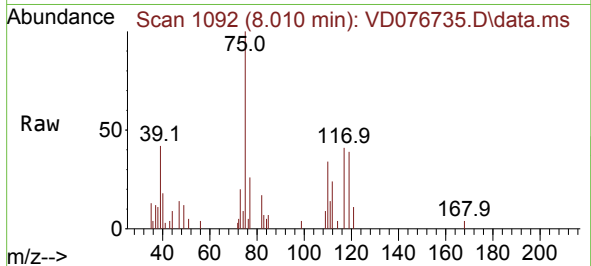




#36
1,1-Dichloropropene
Concen: 4.769 ug/l
RT: 8.010 min Scan# 110
Delta R.T. 0.006 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

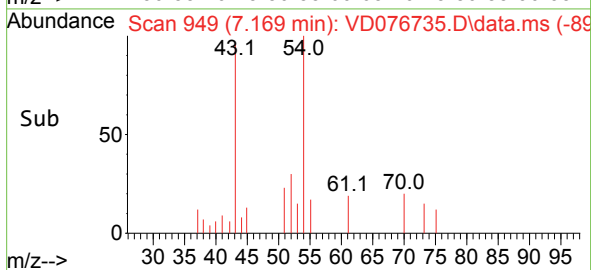
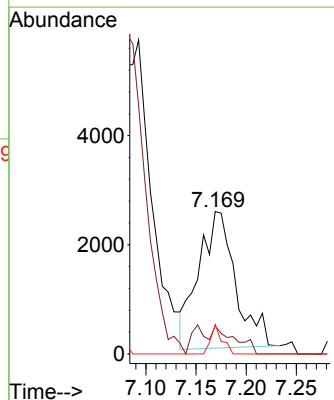
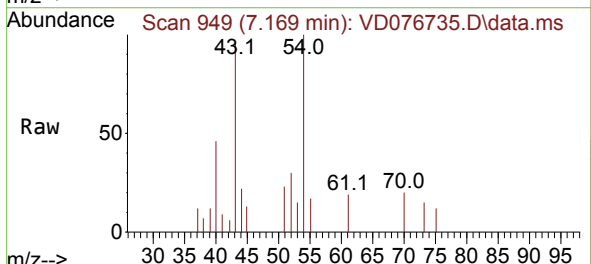
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

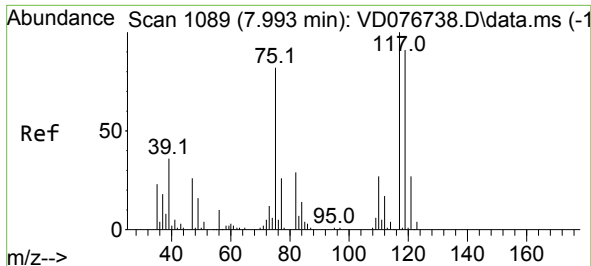
Tgt Ion: 75 Resp: 14420
Ion Ratio Lower Upper
75 100
110 37.7 19.9 59.6
77 30.7 24.7 37.1



#37
Ethyl Acetate
Concen: 4.699 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.006 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

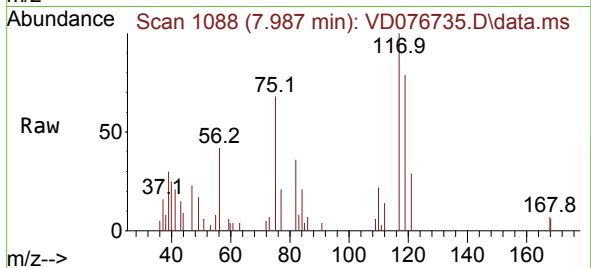
Tgt Ion: 43 Resp: 6423
Ion Ratio Lower Upper
43 100
61 12.1 14.9 22.3#
70 6.5 10.0 15.0#



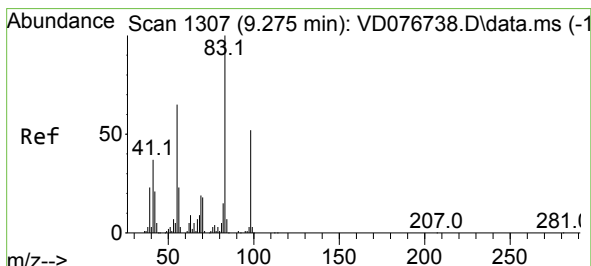
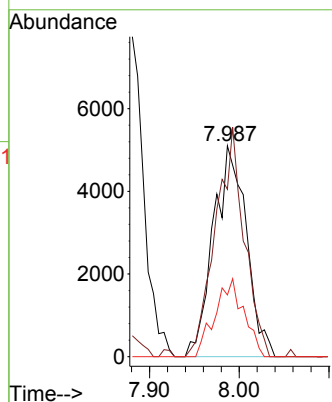
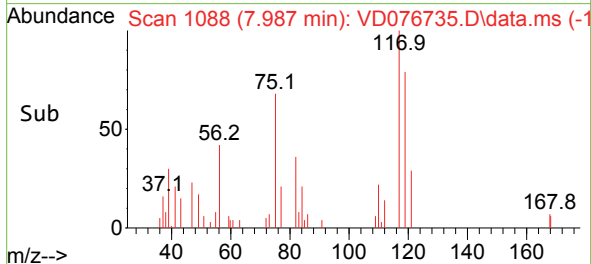


#38
Carbon Tetrachloride
Concen: 4.526 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

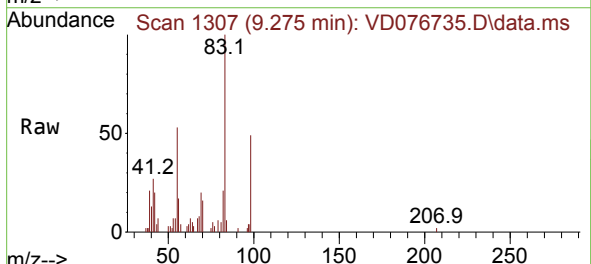
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



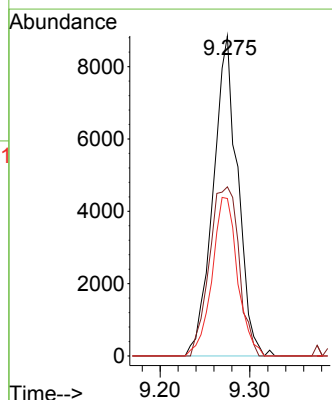
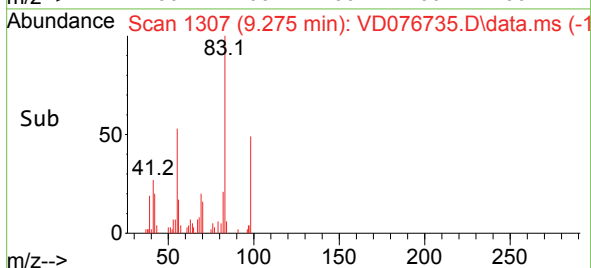
Tgt Ion:117 Resp: 13054
Ion Ratio Lower Upper
117 100
119 79.3 78.0 117.0
121 29.3 24.2 36.2

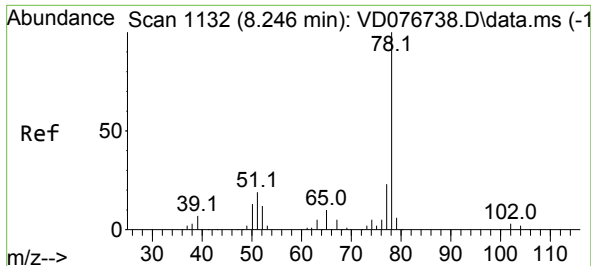


#39
Methylcyclohexane
Concen: 4.838 ug/l
RT: 9.275 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55



Tgt Ion: 83 Resp: 16767
Ion Ratio Lower Upper
83 100
55 52.9 49.4 74.0
98 49.2 38.4 57.6

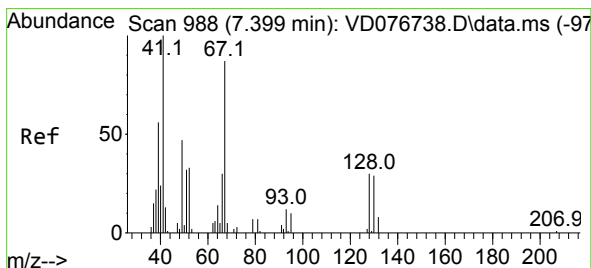
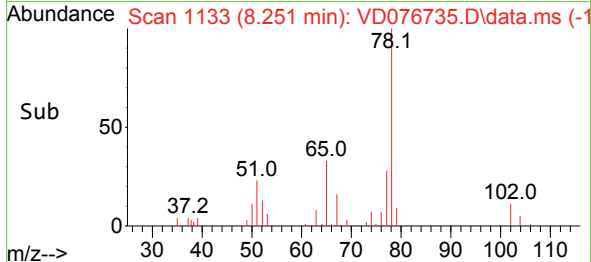
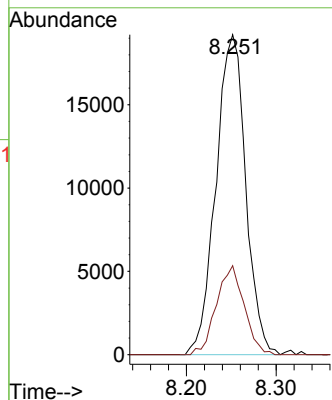
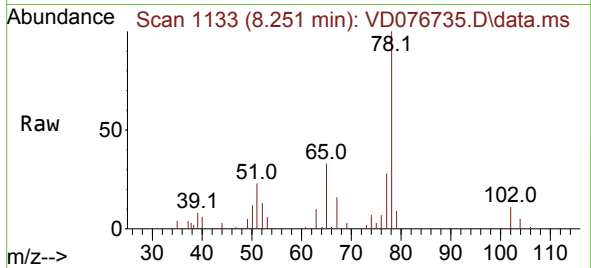




#40
Benzene
Concen: 4.608 ug/l
RT: 8.251 min Scan# 1133
Delta R.T. 0.006 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

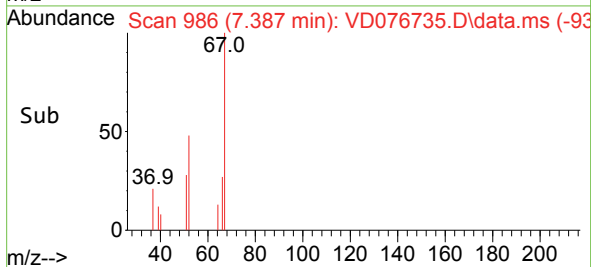
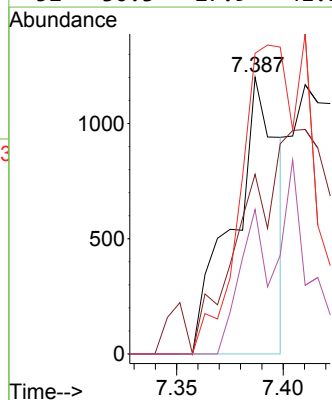
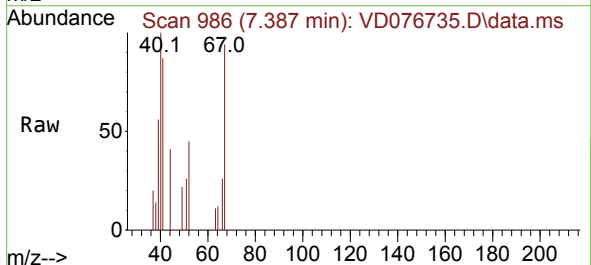
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

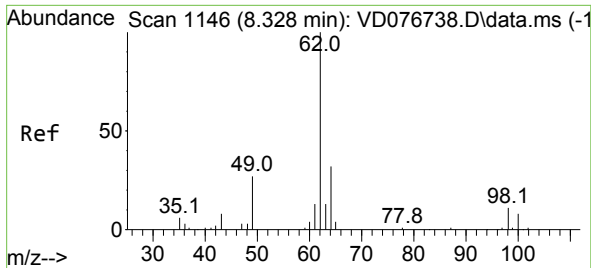
Tgt Ion: 78 Resp: 44256
Ion Ratio Lower Upper
78 100
77 27.8 19.4 29.0



#41
Methacrylonitrile
Concen: 2.134 ug/l
RT: 7.387 min Scan# 986
Delta R.T. -0.012 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

Tgt Ion: 41 Resp: 1767
Ion Ratio Lower Upper
41 100
39 0.0 34.0 51.0#
67 0.0 77.0 115.4#
52 30.3 27.9 41.9





#42

1,2-Dichloroethane

Concen: 4.922 ug/l

RT: 8.322 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VD076735.D

Acq: 14 Jul 2023 11:55

Instrument :

MSVOA_D

ClientSampleId :

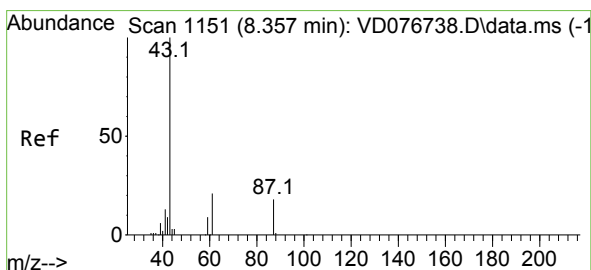
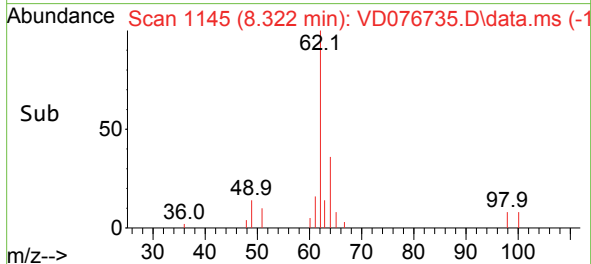
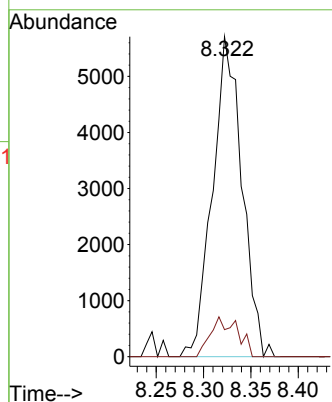
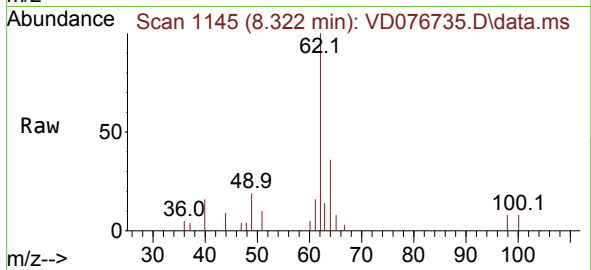
VSTDICC005

Tgt Ion: 62 Resp: 12356

Ion Ratio Lower Upper

62 100

98 11.3 0.0 25.4



#43

Isopropyl Acetate

Concen: 4.525 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.006 min

Lab File: VD076735.D

Acq: 14 Jul 2023 11:55

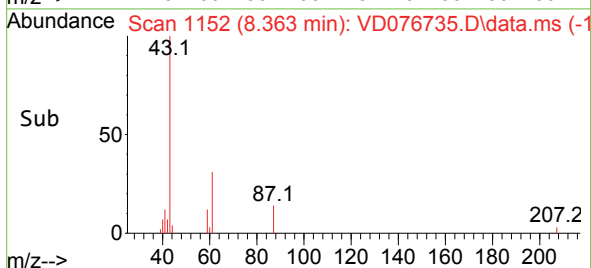
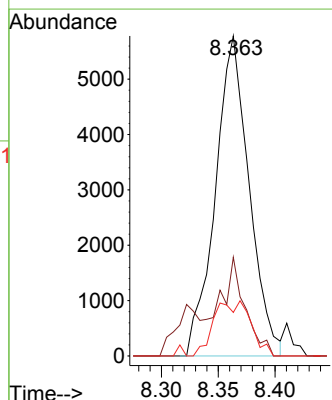
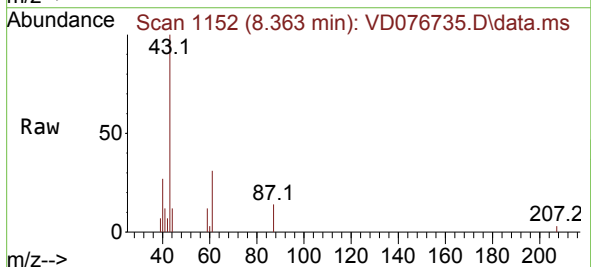
Tgt Ion: 43 Resp: 11992

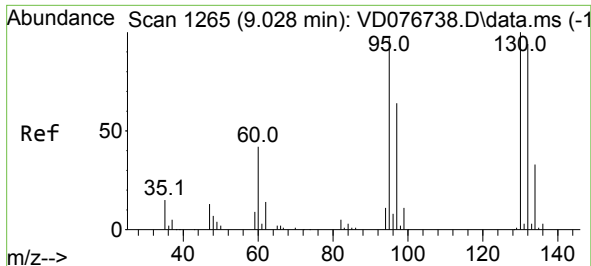
Ion Ratio Lower Upper

43 100

61 22.0 31.4 47.0#

87 18.7 14.9 22.3

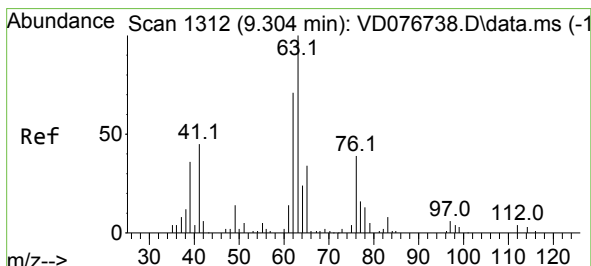
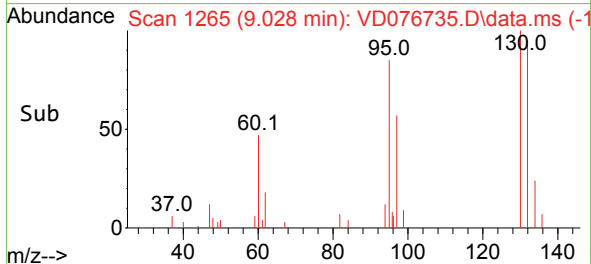
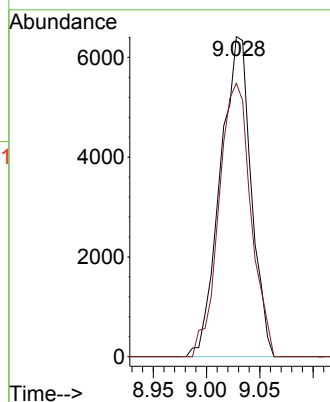
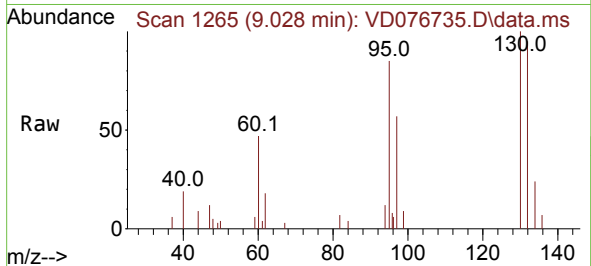




#44
Trichloroethene
Concen: 4.962 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

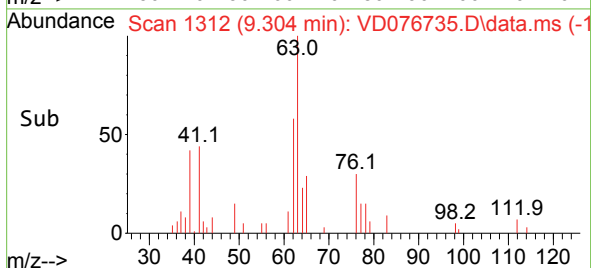
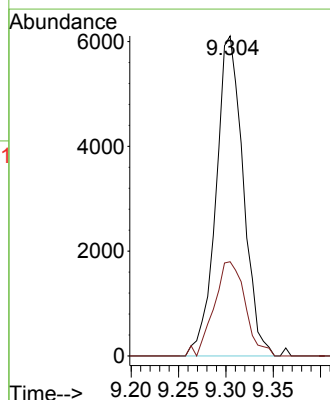
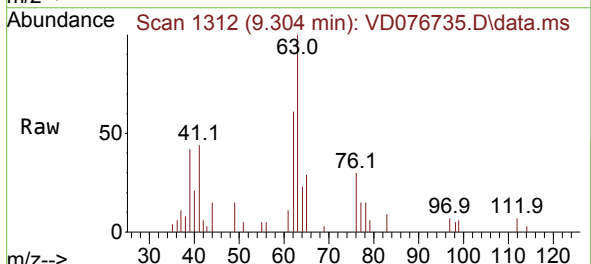
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

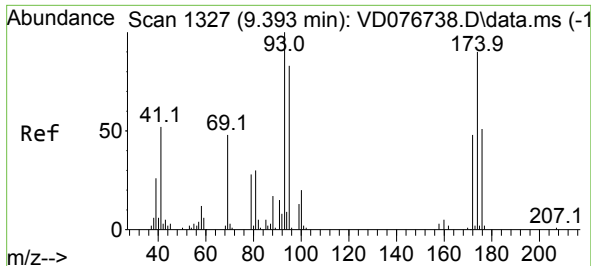
Tgt Ion:130 Resp: 12918
Ion Ratio Lower Upper
130 100
95 85.5 0.0 179.2



#45
1,2-Dichloropropane
Concen: 4.929 ug/l
RT: 9.304 min Scan# 1312
Delta R.T. -0.000 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

Tgt Ion: 63 Resp: 12179
Ion Ratio Lower Upper
63 100
65 29.5 24.5 36.7

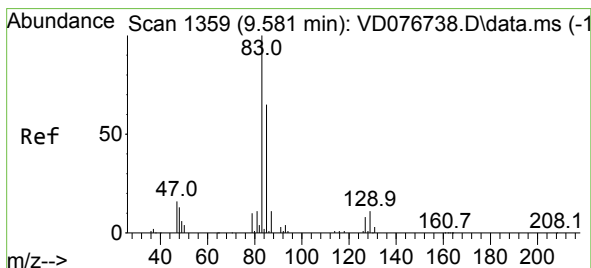
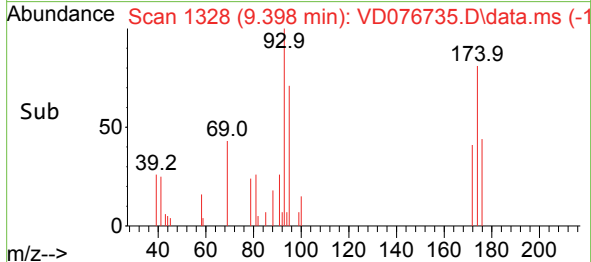
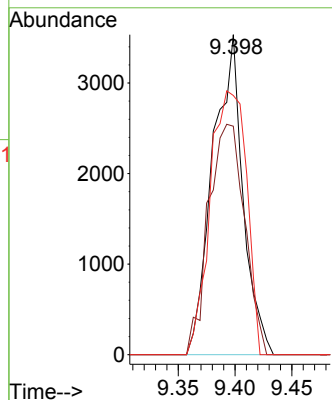
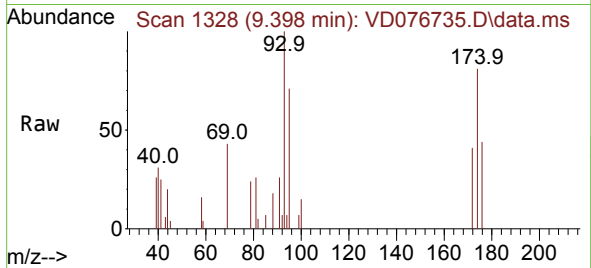




#46
Dibromomethane
Concen: 4.446 ug/l
RT: 9.398 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

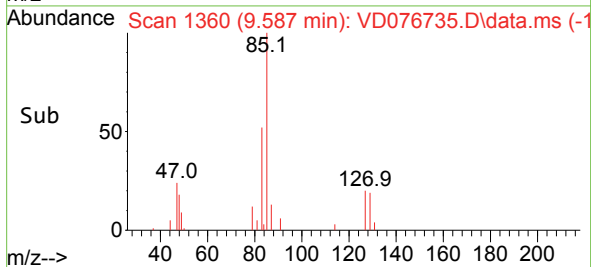
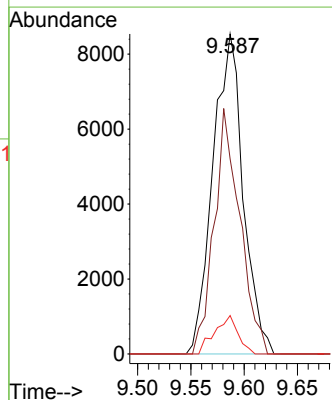
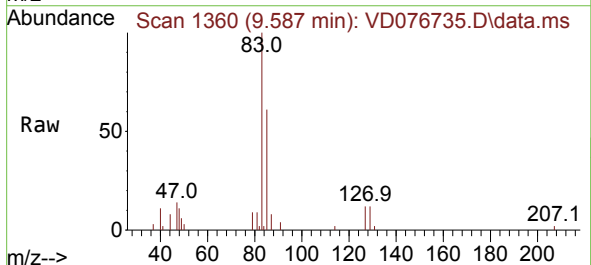
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

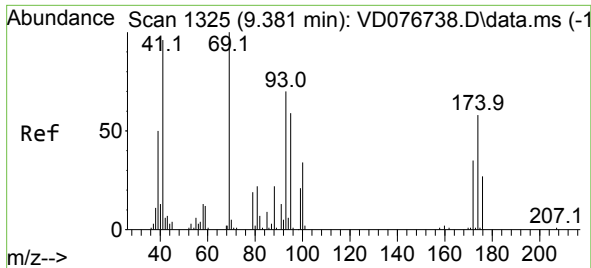
Tgt Ion: 93 Resp: 6512
Ion Ratio Lower Upper
93 100
95 86.3 67.7 101.5
174 99.4 85.4 128.2



#47
Bromodichloromethane
Concen: 4.644 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.006 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

Tgt Ion: 83 Resp: 16858
Ion Ratio Lower Upper
83 100
85 60.9 50.2 75.4
127 12.0 6.3 9.5#





#48

Methyl methacrylate

Concen: 4.360 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD076735.D

Acq: 14 Jul 2023 11:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

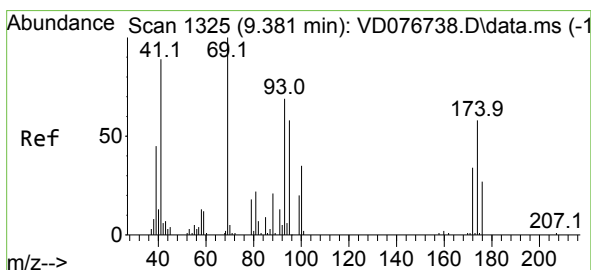
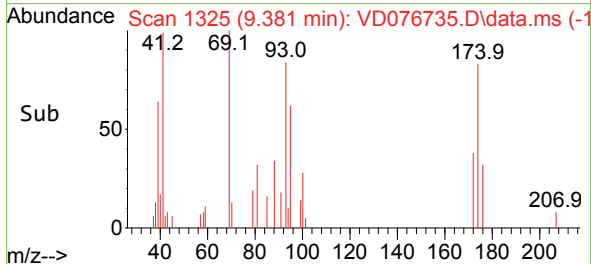
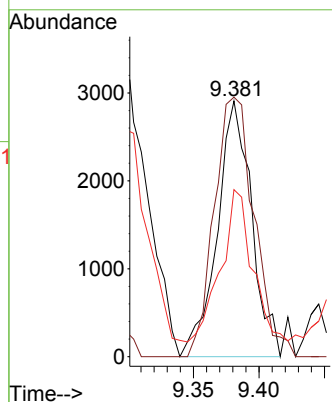
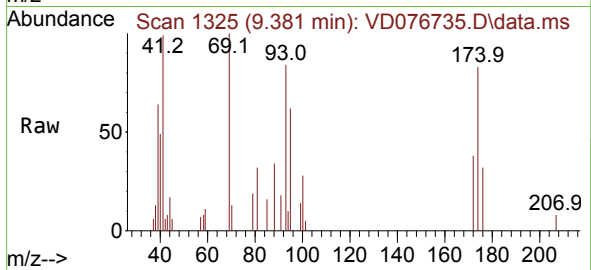
Tgt Ion: 41 Resp: 5293

Ion Ratio Lower Upper

41 100

69 117.6 102.2 153.2

39 68.9 41.4 62.2#



#49

1,4-Dioxane

Concen: 97.630 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD076735.D

Acq: 14 Jul 2023 11:55

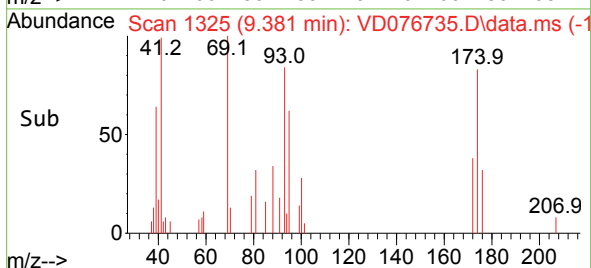
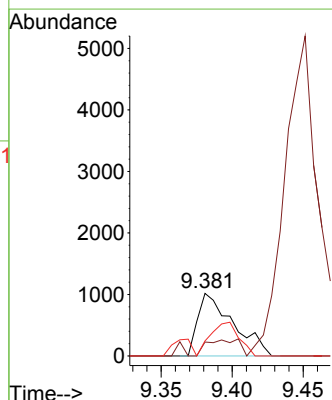
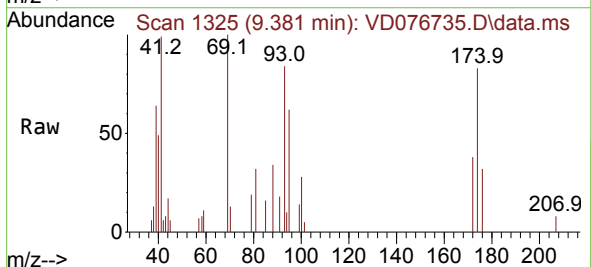
Tgt Ion: 88 Resp: 1764

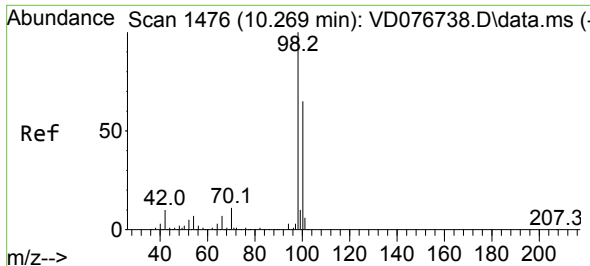
Ion Ratio Lower Upper

88 100

43 0.0 19.0 28.6#

58 14.3 43.5 65.3#

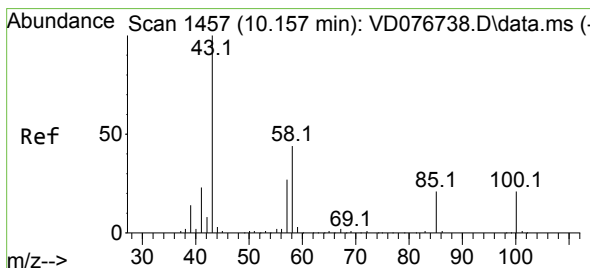
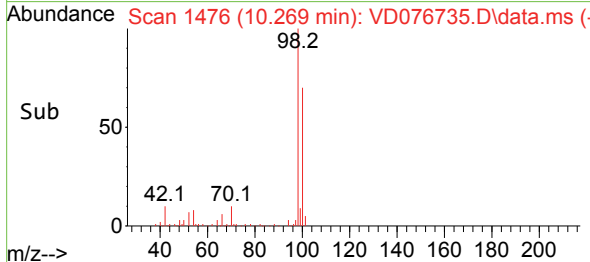
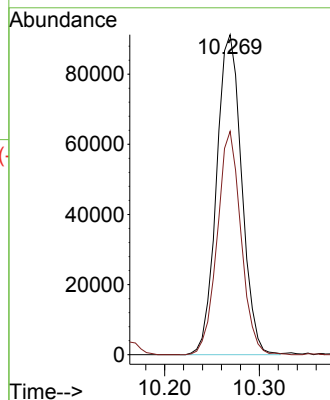
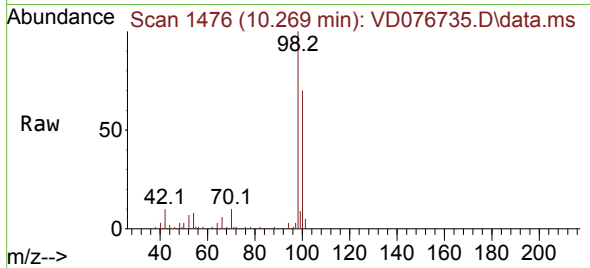




#50
Toluene-d8
Concen: 19.851 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

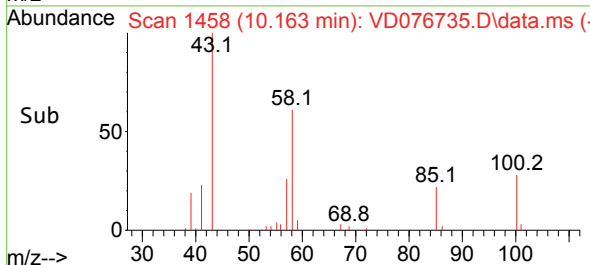
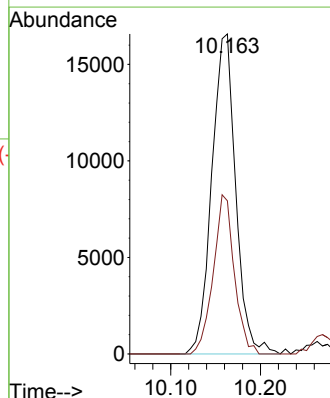
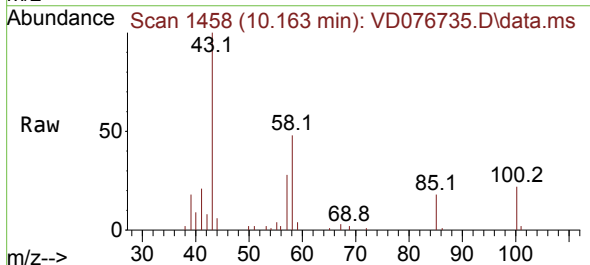
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

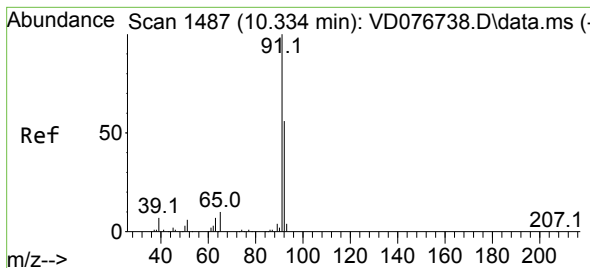
Tgt Ion: 98 Resp: 168342
Ion Ratio Lower Upper
98 100
100 65.9 50.3 75.5



#51
4-Methyl-2-Pentanone
Concen: 21.645 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

Tgt Ion: 43 Resp: 30650
Ion Ratio Lower Upper
43 100
58 43.8 38.9 58.3





#52

Toluene

Concen: 4.522 ug/l

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD076735.D

Acq: 14 Jul 2023 11:55

Instrument :

MSVOA_D

ClientSampleId :

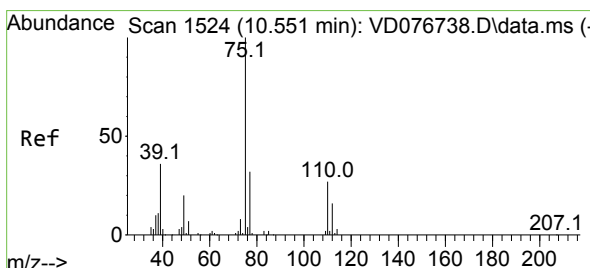
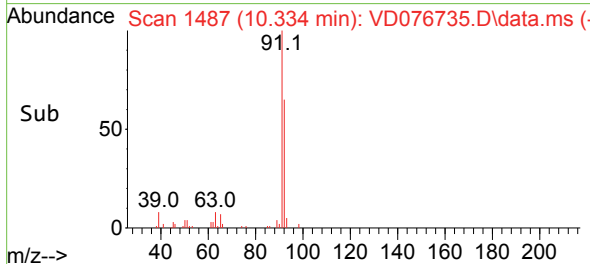
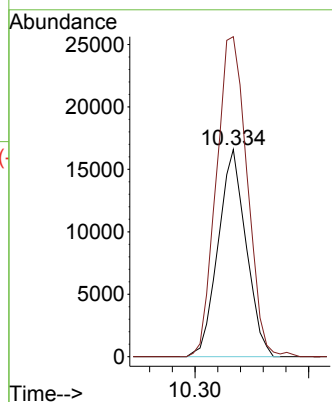
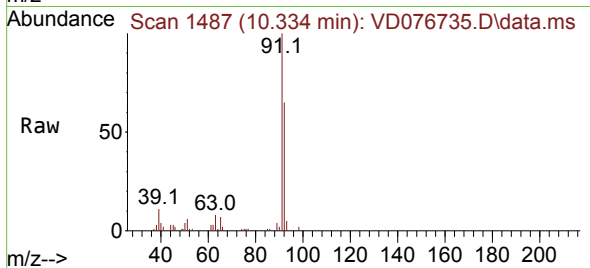
VSTDIC005

Tgt Ion: 92 Resp: 28356

Ion Ratio Lower Upper

92 100

91 170.6 143.0 214.4



#53

t-1,3-Dichloropropene

Concen: 4.198 ug/l

RT: 10.557 min Scan# 1525

Delta R.T. 0.006 min

Lab File: VD076735.D

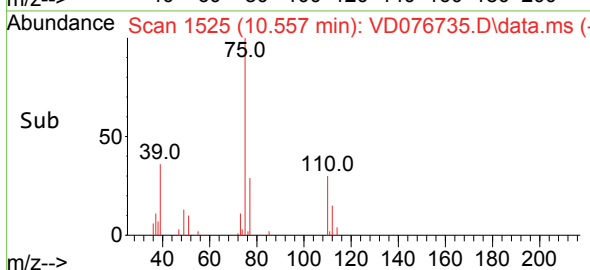
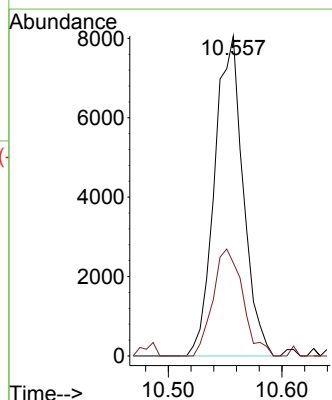
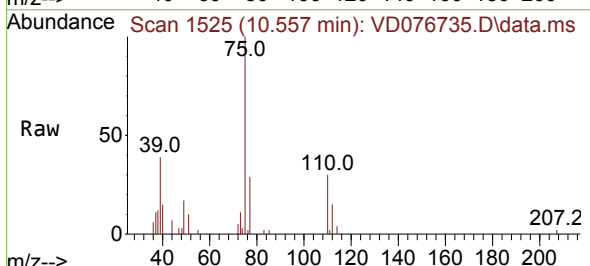
Acq: 14 Jul 2023 11:55

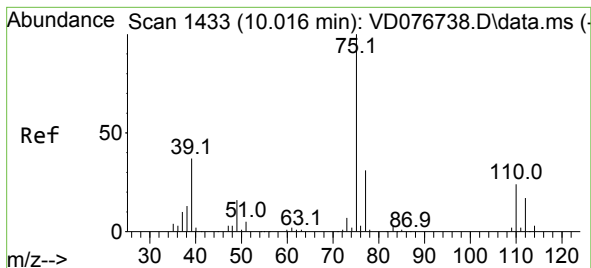
Tgt Ion: 75 Resp: 14072

Ion Ratio Lower Upper

75 100

77 29.1 25.3 37.9

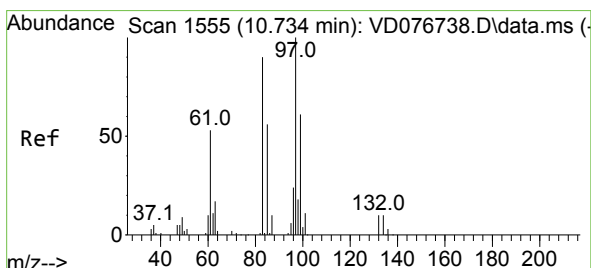
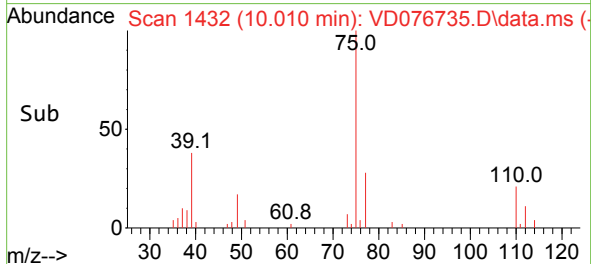
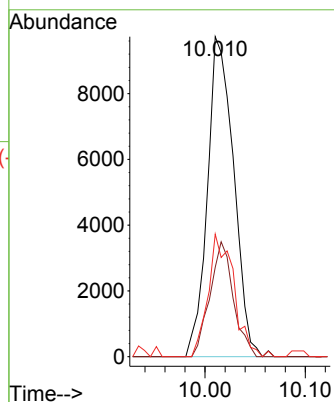
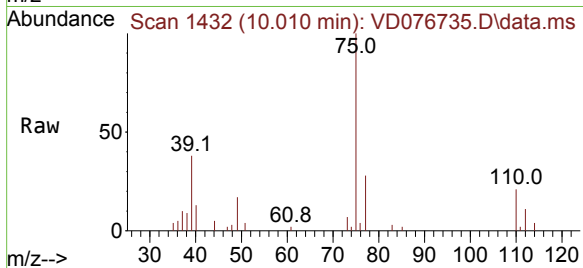




#54
cis-1,3-Dichloropropene
Concen: 4.443 ug/l
RT: 10.010 min Scan# 1432
Delta R.T. -0.006 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

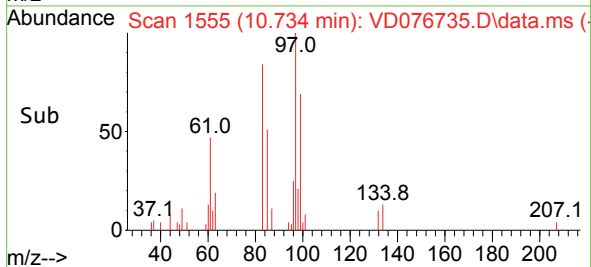
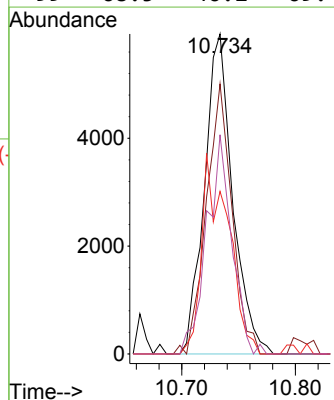
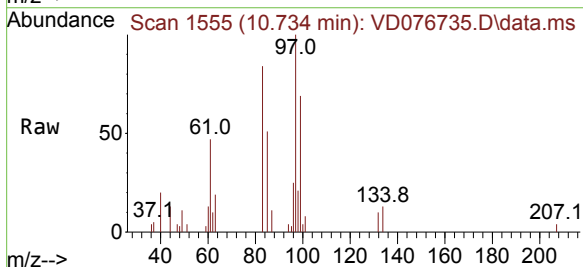
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

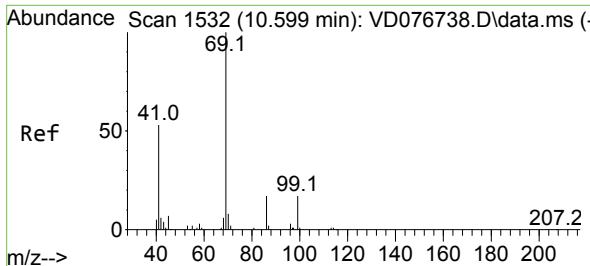
Tgt Ion: 75 Resp: 17700
Ion Ratio Lower Upper
75 100
77 28.0 25.5 38.3
39 38.3 22.1 33.1#



#55
1,1,2-Trichloroethane
Concen: 4.814 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

Tgt Ion: 97 Resp: 10248
Ion Ratio Lower Upper
97 100
83 84.4 65.8 98.6
85 50.8 45.7 68.5
99 68.5 46.2 69.4

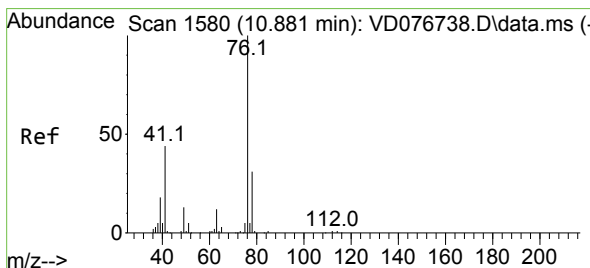
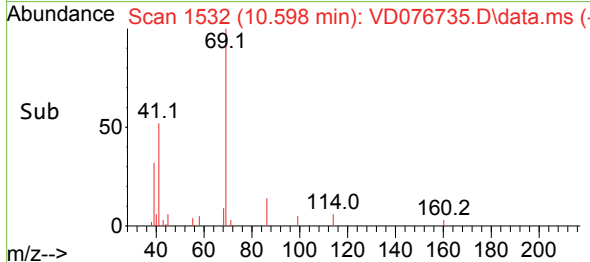
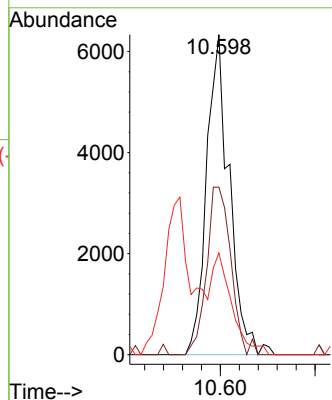
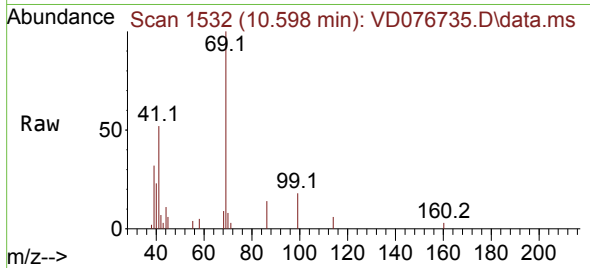




#56
Ethyl methacrylate
Concen: 4.357 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

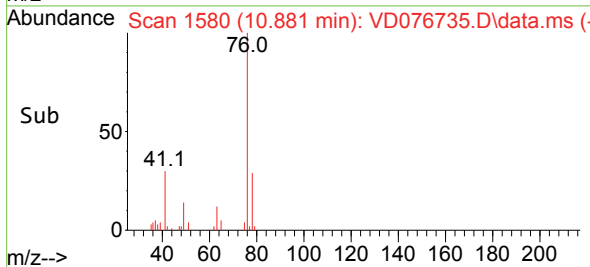
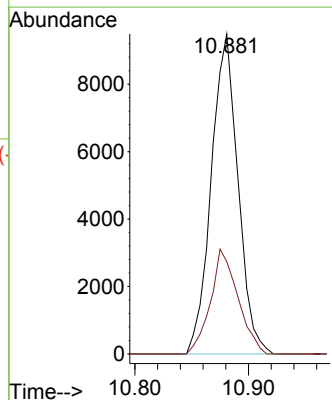
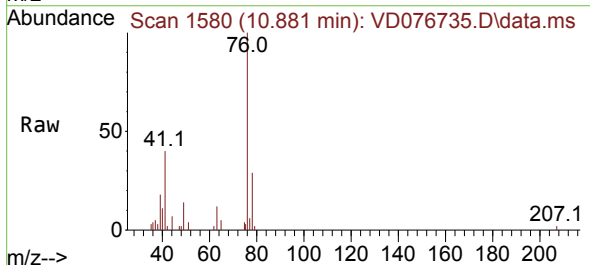
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

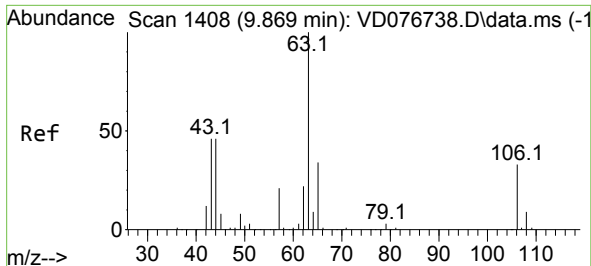
Tgt Ion: 69 Resp: 10568
Ion Ratio Lower Upper
69 100
41 55.8 39.1 58.7
39 27.7 20.0 30.0



#57
1,3-Dichloropropane
Concen: 4.500 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

Tgt Ion: 76 Resp: 15511
Ion Ratio Lower Upper
76 100
78 33.6 26.4 39.6

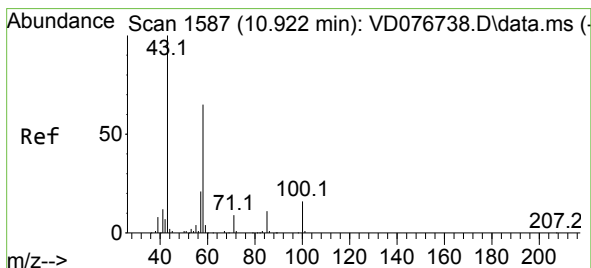
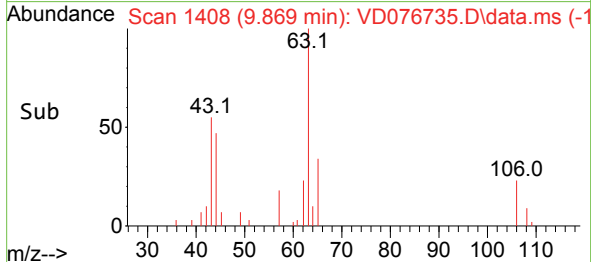
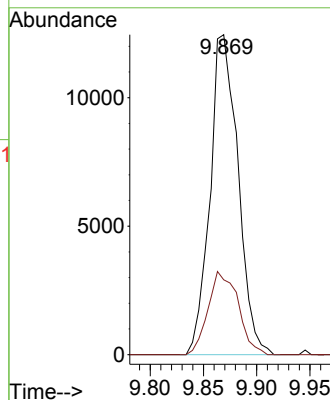
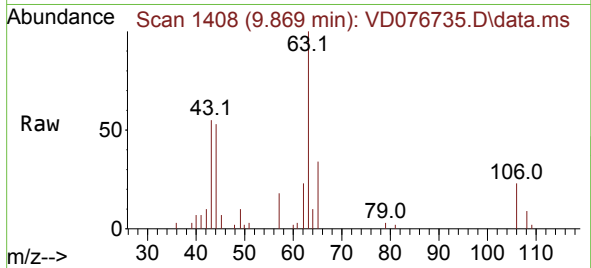




#58
2-Chloroethyl Vinyl ether
Concen: 23.963 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. -0.000 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

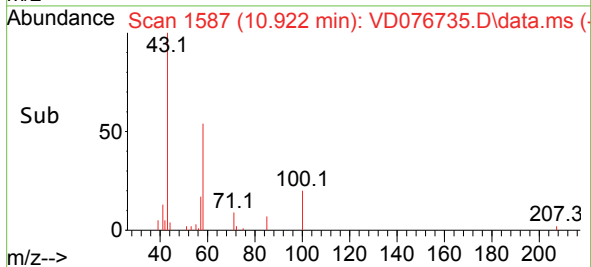
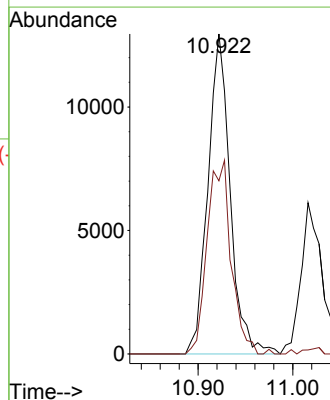
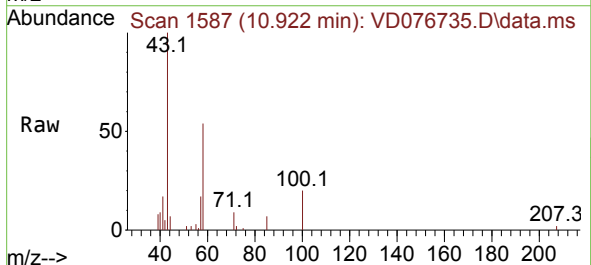
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

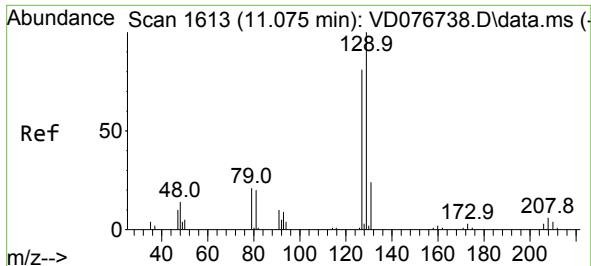
Tgt Ion: 63 Resp: 22787
Ion Ratio Lower Upper
63 100
106 27.9 25.3 37.9



#59
2-Hexanone
Concen: 20.853 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

Tgt Ion: 43 Resp: 21133
Ion Ratio Lower Upper
43 100
58 65.0 34.1 102.2

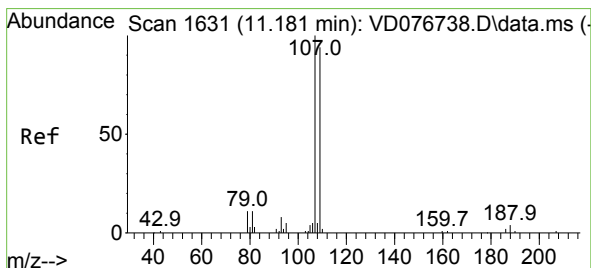
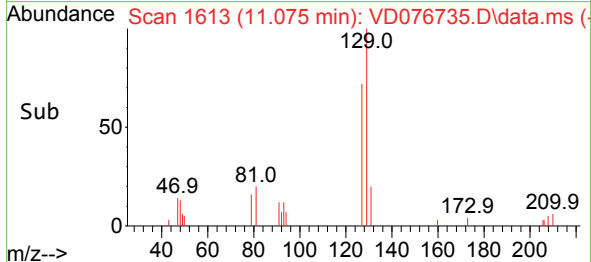
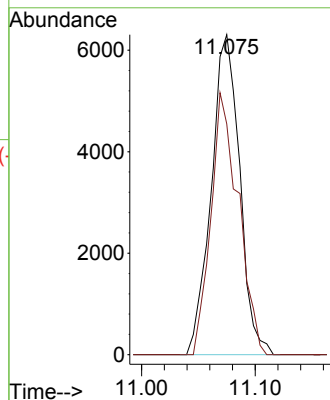
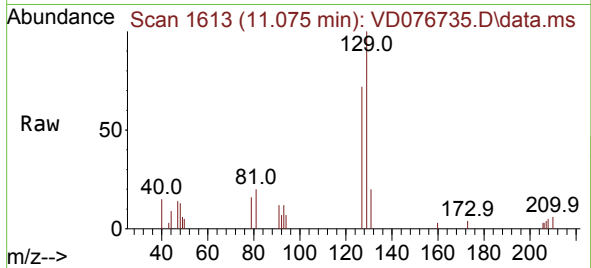




#60
Dibromochloromethane
Concen: 4.463 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

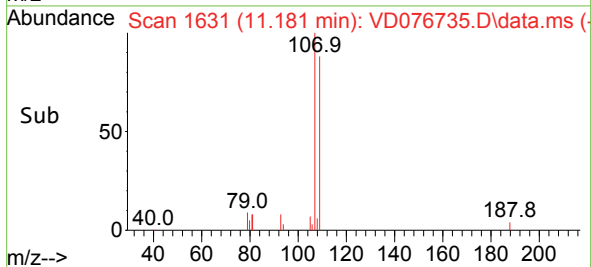
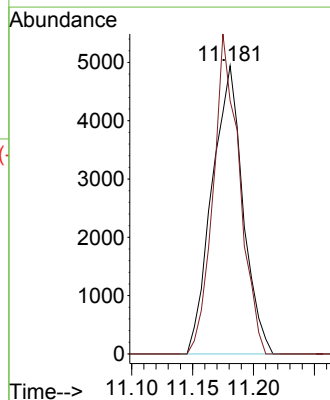
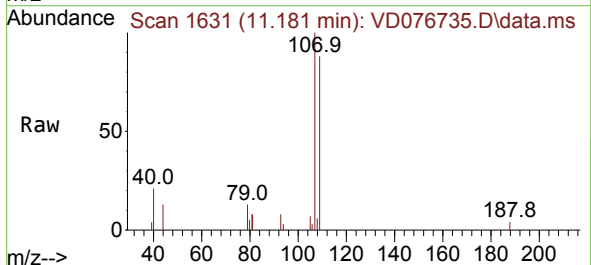
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

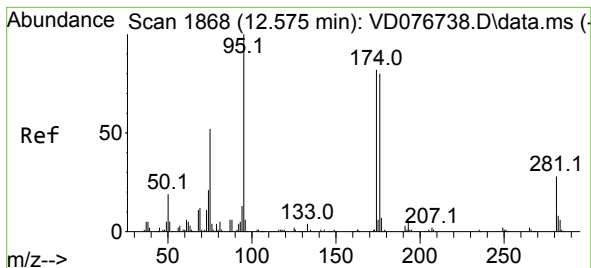
Tgt Ion:129 Resp: 10966
Ion Ratio Lower Upper
129 100
127 79.1 37.1 111.5



#61
1,2-Dibromoethane
Concen: 4.414 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

Tgt Ion:107 Resp: 8738
Ion Ratio Lower Upper
107 100
109 93.8 75.6 113.4

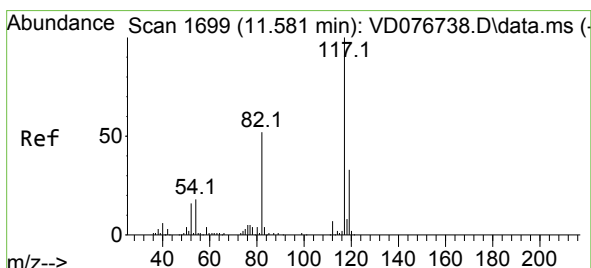
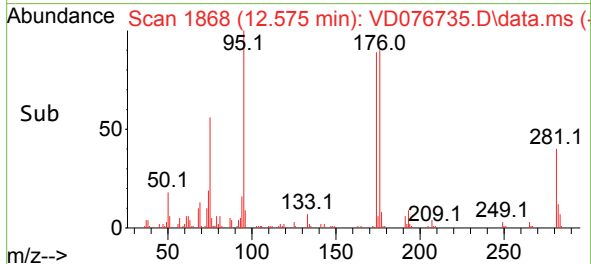
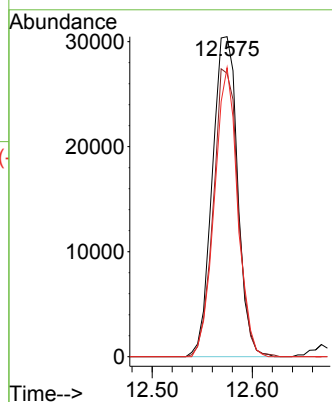
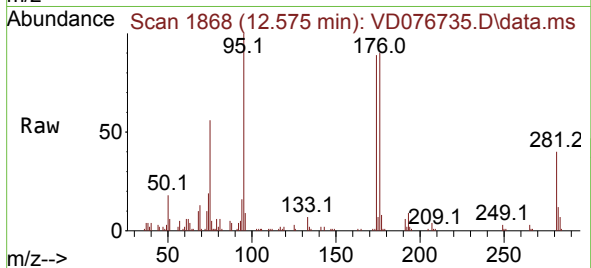




#62
4-Bromofluorobenzene
Concen: 19.706 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

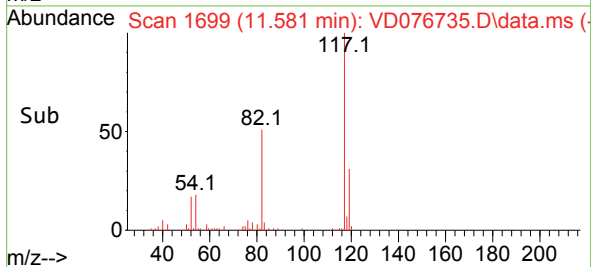
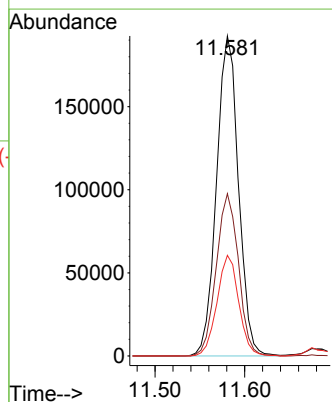
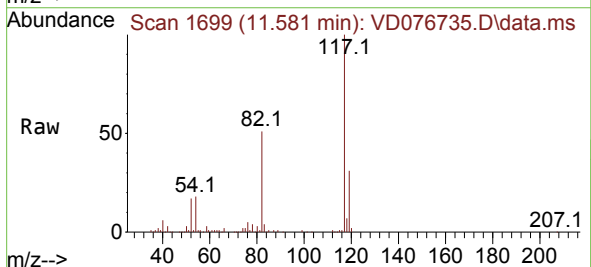
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

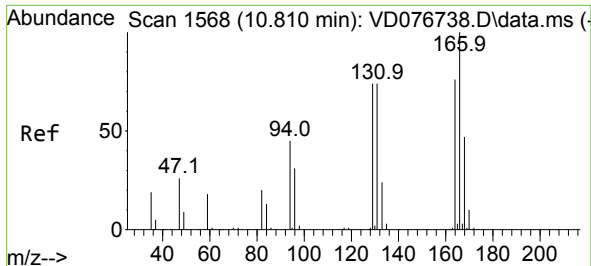
Tgt Ion: 95 Resp: 53457
Ion Ratio Lower Upper
95 100
174 87.5 0.0 201.8
176 82.8 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

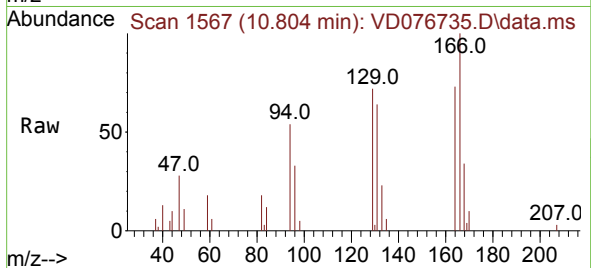
Tgt Ion:117 Resp: 327209
Ion Ratio Lower Upper
117 100
82 50.7 38.3 57.5
119 31.5 25.0 37.4



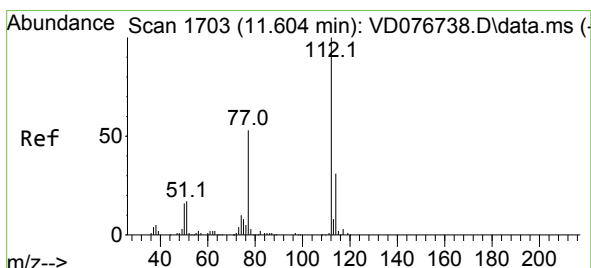
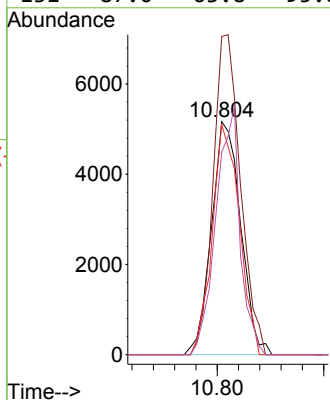
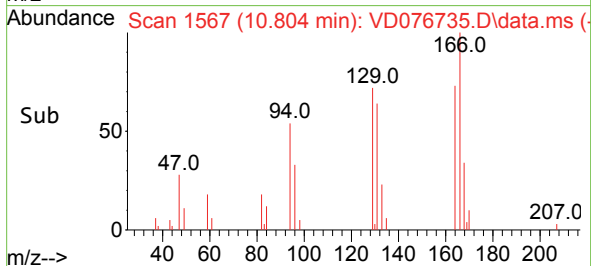


#64
Tetrachloroethene
Concen: 5.314 ug/l
RT: 10.804 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

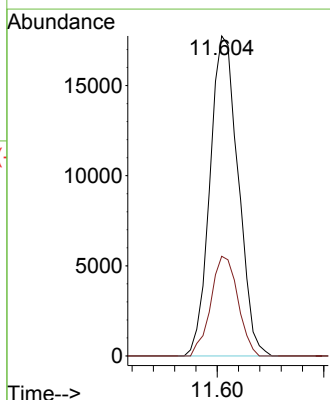
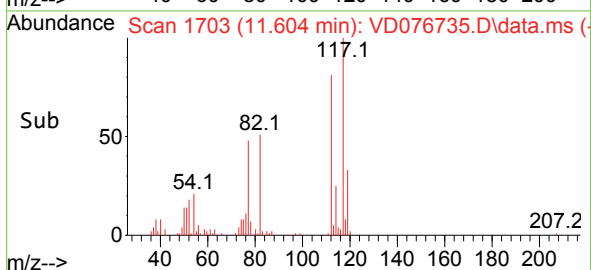
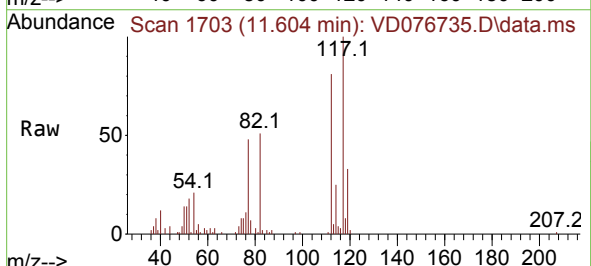


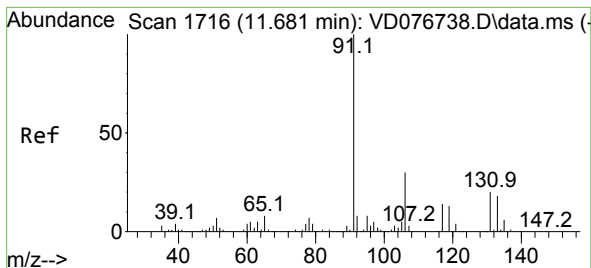
Tgt Ion:164 Resp: 9830
Ion Ratio Lower Upper
164 100
166 136.6 99.2 148.8
129 98.8 68.4 102.6
131 87.0 63.8 95.8



#65
Chlorobenzene
Concen: 4.931 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

Tgt Ion:112 Resp: 32607
Ion Ratio Lower Upper
112 100
114 31.2 25.1 37.7

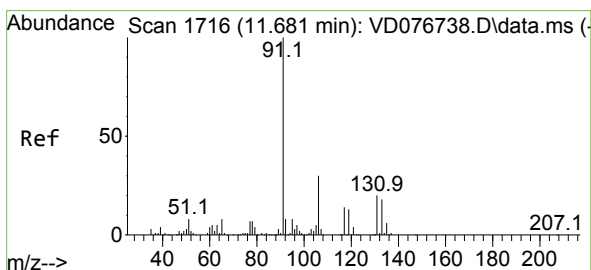
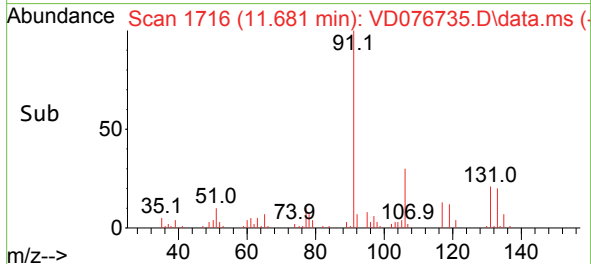
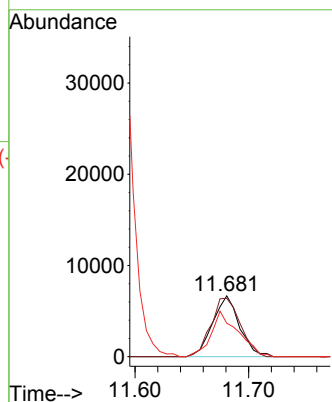
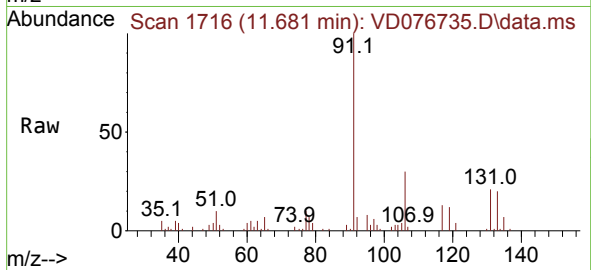




#66
 1,1,1,2-Tetrachloroethane
 Concen: 4.444 ug/l
 RT: 11.681 min Scan# 1716
 Delta R.T. -0.000 min
 Lab File: VD076735.D
 Acq: 14 Jul 2023 11:55

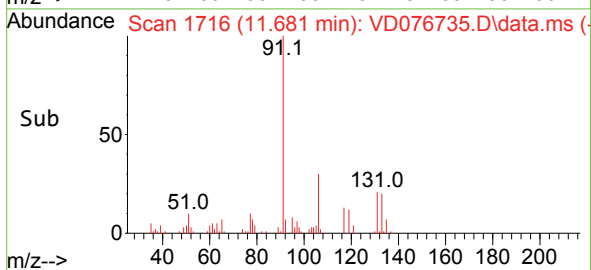
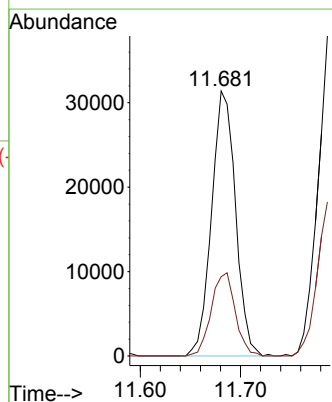
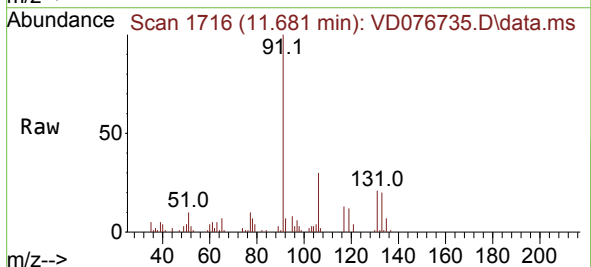
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

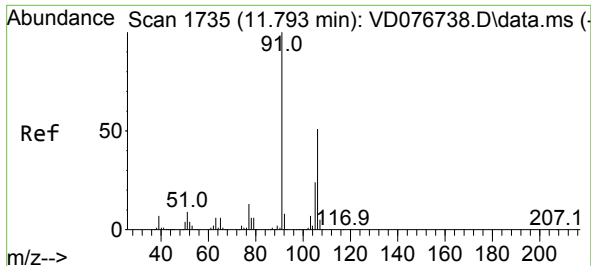
Tgt Ion:131 Resp: 10975
 Ion Ratio Lower Upper
 131 100
 133 105.3 48.5 145.5
 119 75.3 35.6 106.9



#67
 Ethyl Benzene
 Concen: 4.537 ug/l
 RT: 11.681 min Scan# 1716
 Delta R.T. -0.000 min
 Lab File: VD076735.D
 Acq: 14 Jul 2023 11:55

Tgt Ion: 91 Resp: 52182
 Ion Ratio Lower Upper
 91 100
 106 29.9 26.5 39.7

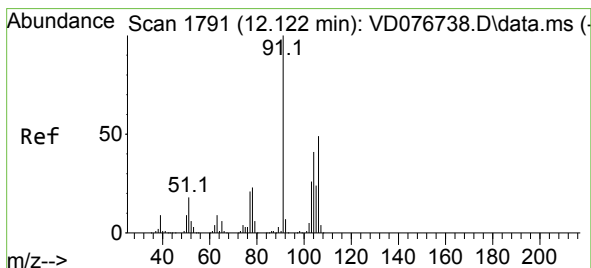
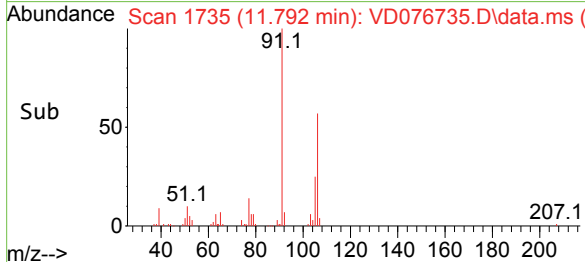
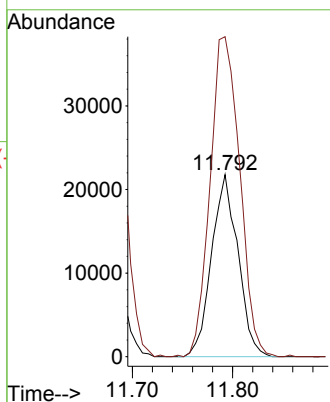
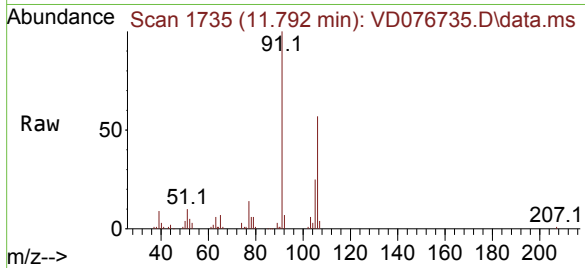




#68
m/p-Xylenes
Concen: 8.980 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

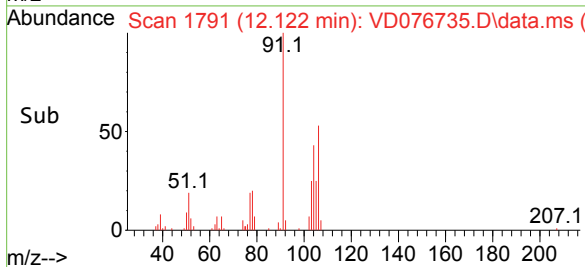
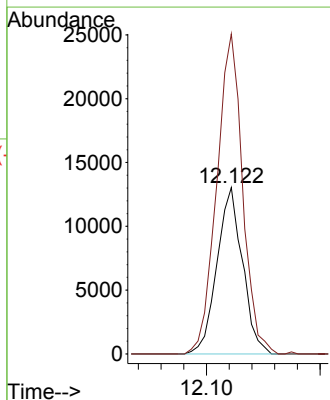
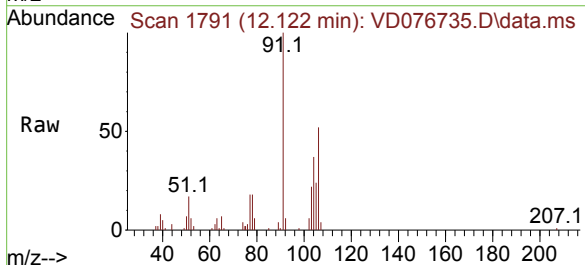
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

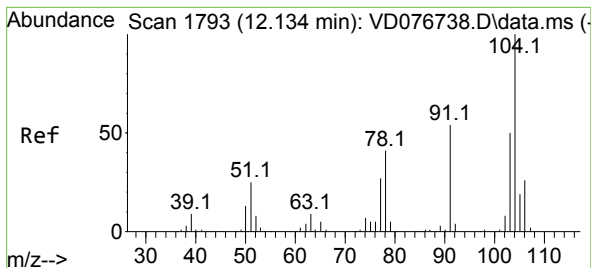
Tgt Ion:106 Resp: 39702
Ion Ratio Lower Upper
106 100
91 197.8 147.0 220.6



#69
o-Xylene
Concen: 4.820 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

Tgt Ion:106 Resp: 20343
Ion Ratio Lower Upper
106 100
91 194.9 97.9 293.6





#70

Styrene

Concen: 4.413 ug/l

RT: 12.134 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076735.D

Acq: 14 Jul 2023 11:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

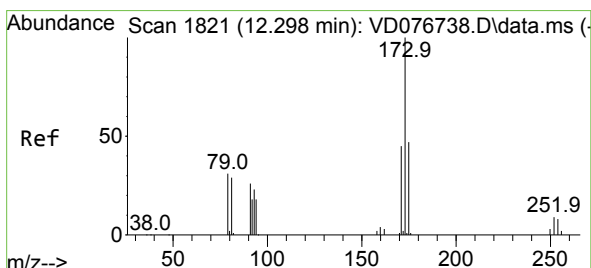
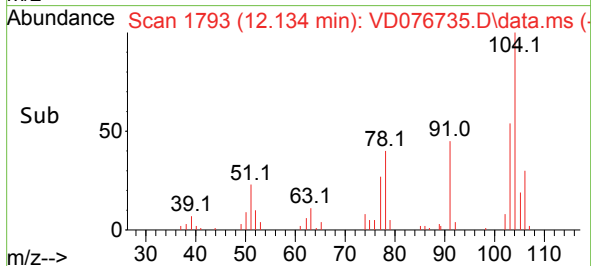
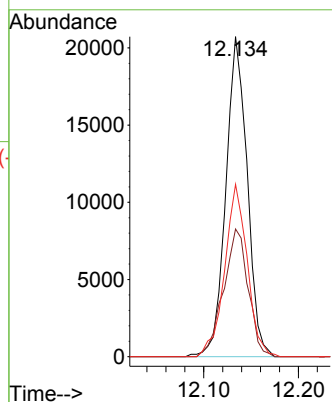
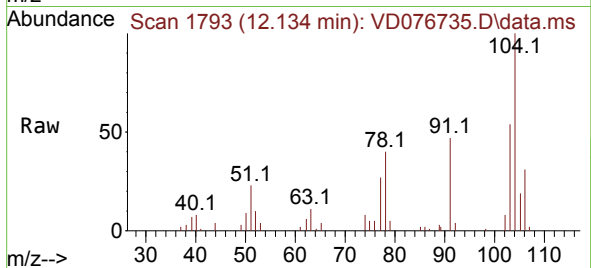
Tgt Ion:104 Resp: 32500

Ion Ratio Lower Upper

104 100

78 46.0 33.2 49.8

103 56.9 43.6 65.4



#71

Bromoform

Concen: 5.004 ug/l

RT: 12.304 min Scan# 1822

Delta R.T. 0.006 min

Lab File: VD076735.D

Acq: 14 Jul 2023 11:55

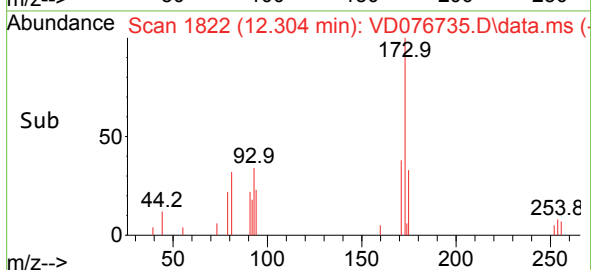
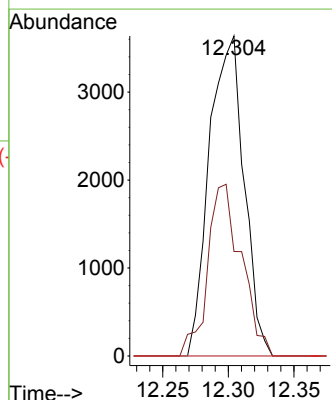
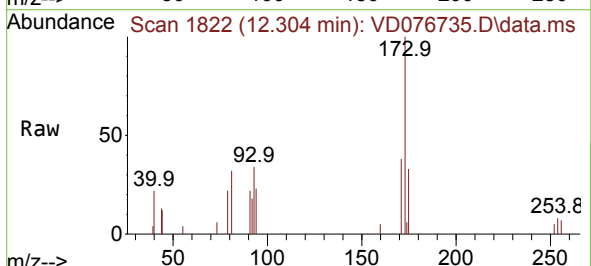
Tgt Ion:173 Resp: 6696

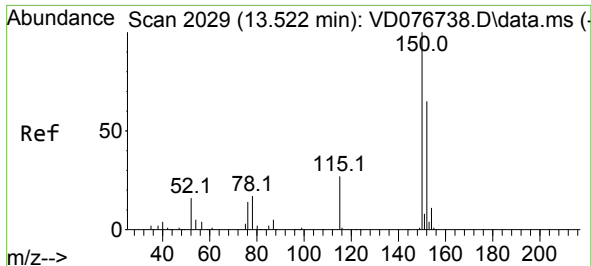
Ion Ratio Lower Upper

173 100

175 52.0 24.6 73.8

254 0.0 0.0 0.0

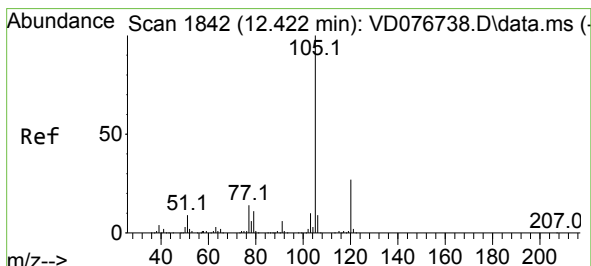
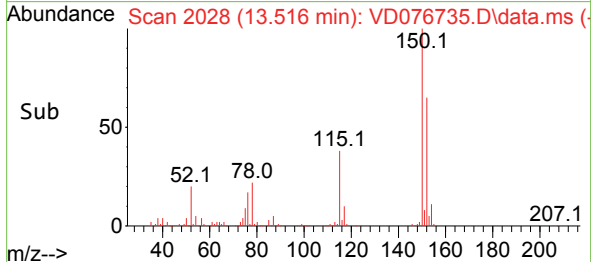
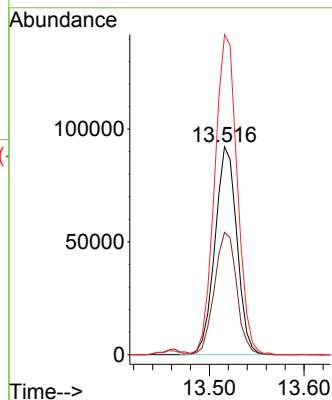
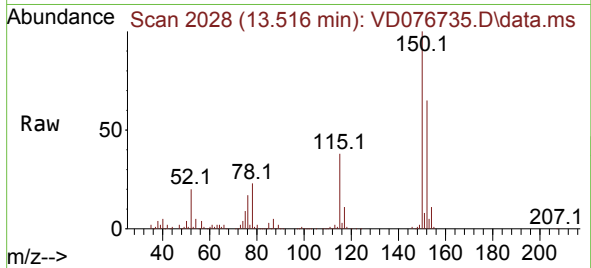




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

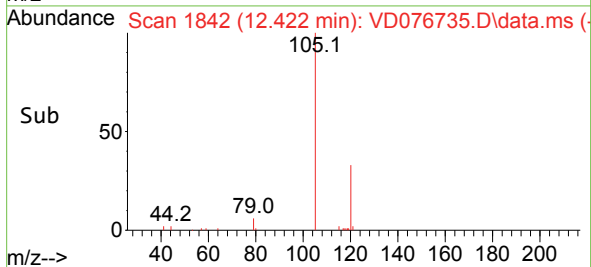
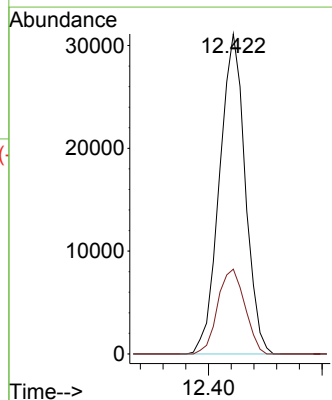
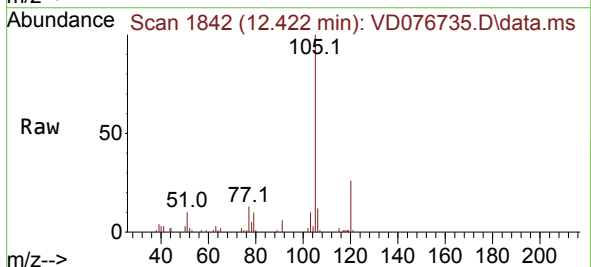
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

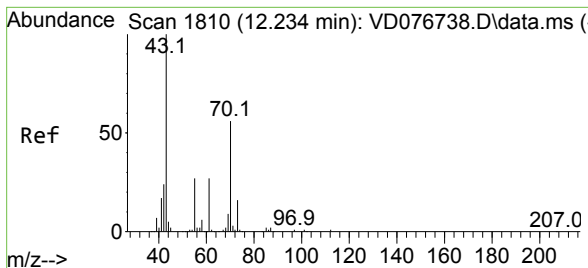
Tgt Ion:152 Resp: 148407
Ion Ratio Lower Upper
152 100
115 59.7 27.1 81.3
150 158.4 0.0 353.6



#73
Isopropylbenzene
Concen: 4.609 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

Tgt Ion:105 Resp: 48890
Ion Ratio Lower Upper
105 100
120 27.9 14.3 42.9

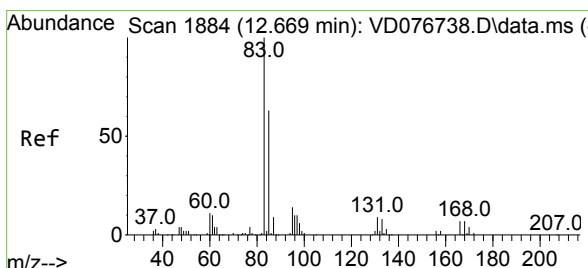
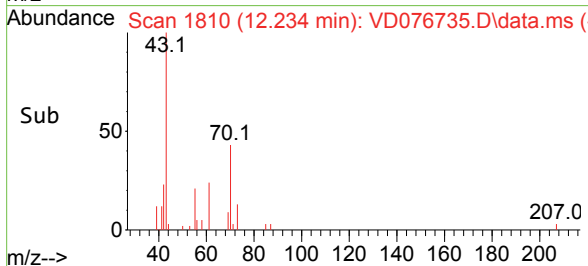
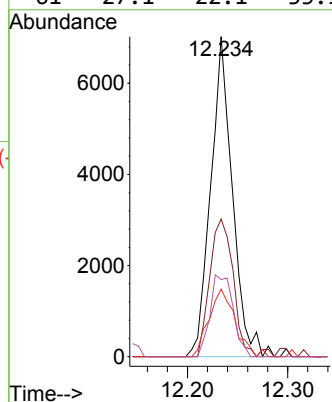
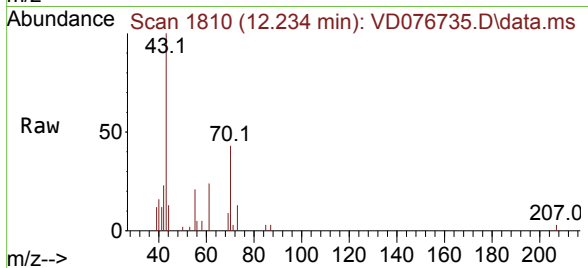




#74
N-amy1 acetate
Concen: 4.699 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

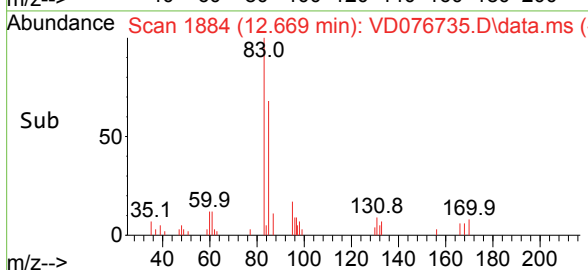
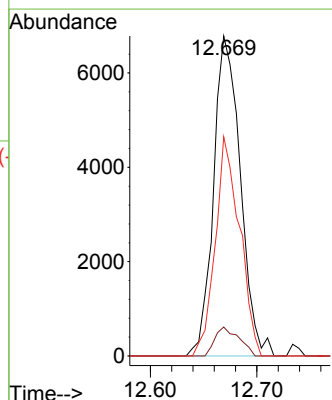
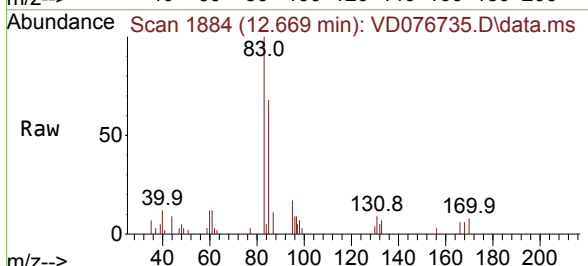
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

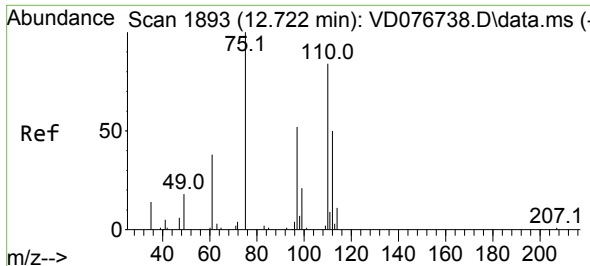
Tgt Ion: 43	Resp: 10573
Ion Ratio	Lower Upper
43 100	
70 45.9	45.0 67.4
55 25.4	23.8 35.6
61 27.1	22.1 33.1



#75
1,1,2,2-Tetrachloroethane
Concen: 5.141 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

Tgt Ion: 83	Resp: 11856
Ion Ratio	Lower Upper
83 100	
131 8.1	5.1 15.3
85 62.2	32.6 97.8

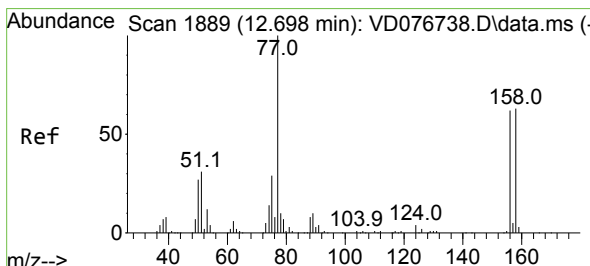
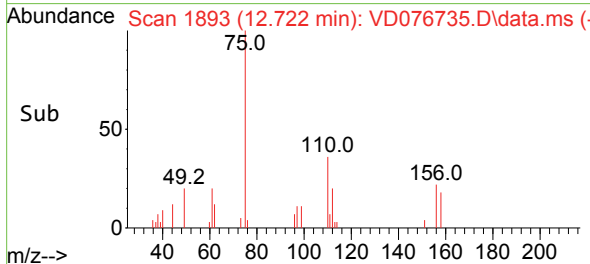
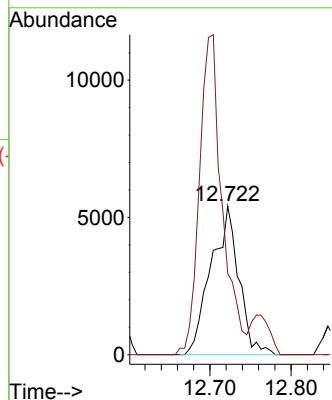
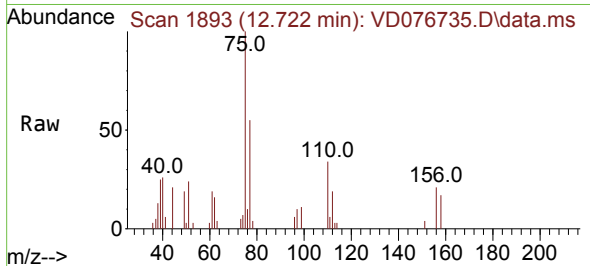




#76
1,2,3-Trichloropropane
Concen: 9.772 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

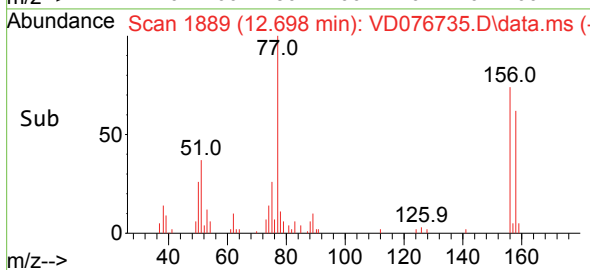
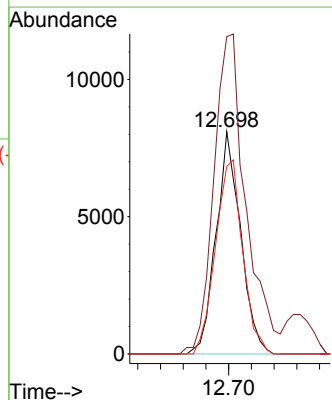
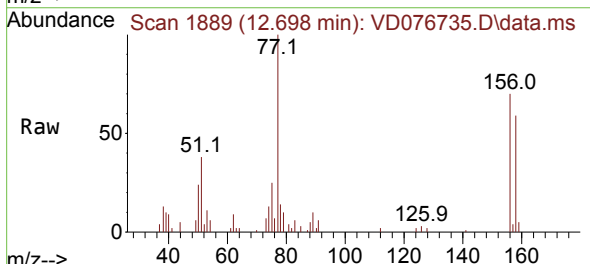
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

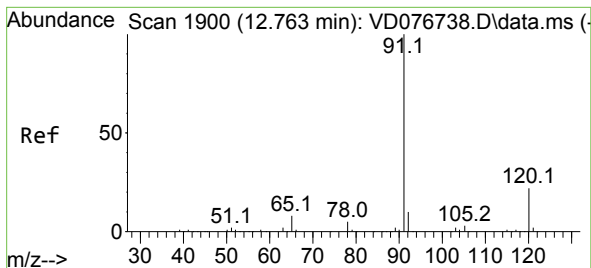
Tgt Ion: 75 Resp: 12908
Ion Ratio Lower Upper
75 100
77 176.2 0.0 0.0#



#77
Bromobenzene
Concen: 4.911 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

Tgt Ion: 156 Resp: 12166
Ion Ratio Lower Upper
156 100
77 187.0 76.8 230.4
158 96.4 48.6 145.9





#78

n-propylbenzene

Concen: 4.833 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD076735.D

Acq: 14 Jul 2023 11:55

Instrument :

MSVOA_D

ClientSampleId :

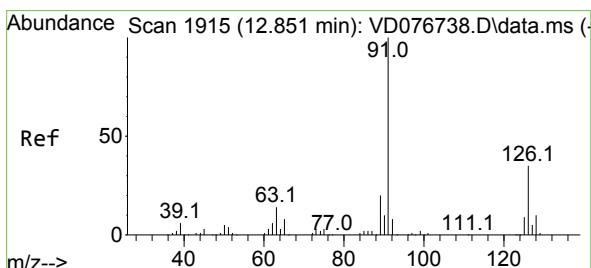
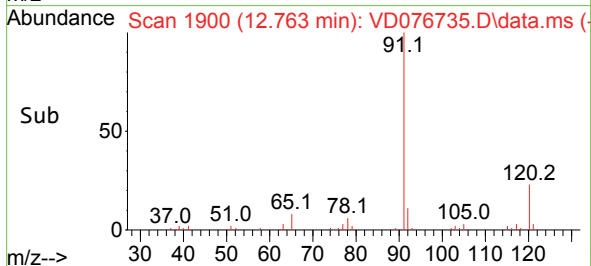
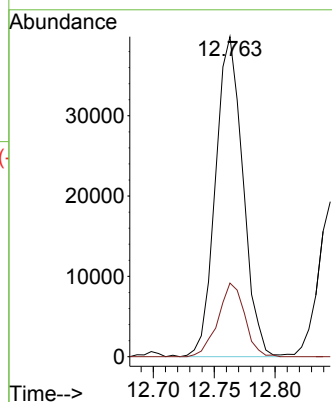
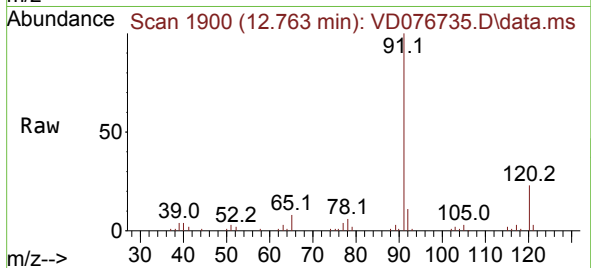
VSTDIC005

Tgt Ion: 91 Resp: 62389

Ion Ratio Lower Upper

91 100

120 22.3 12.4 37.2



#79

2-Chlorotoluene

Concen: 4.767 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. -0.000 min

Lab File: VD076735.D

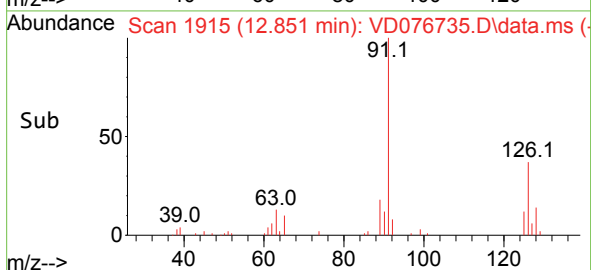
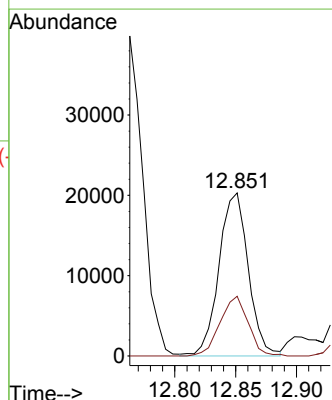
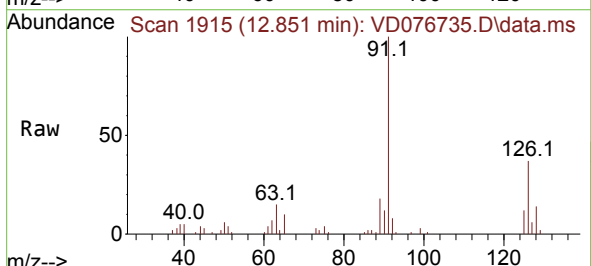
Acq: 14 Jul 2023 11:55

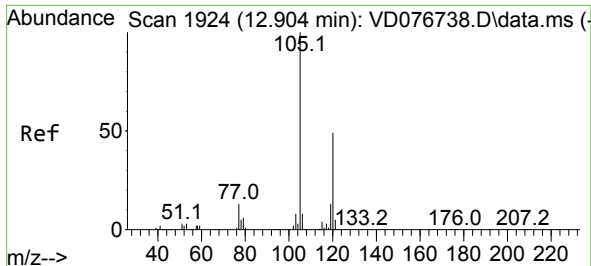
Tgt Ion: 91 Resp: 34079

Ion Ratio Lower Upper

91 100

126 35.1 19.4 58.1

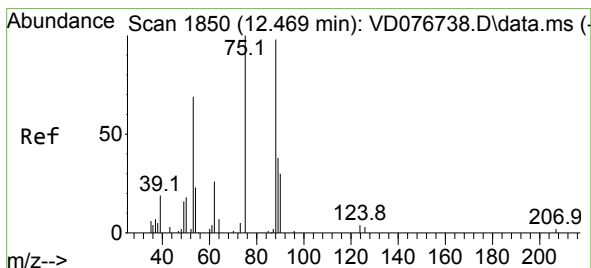
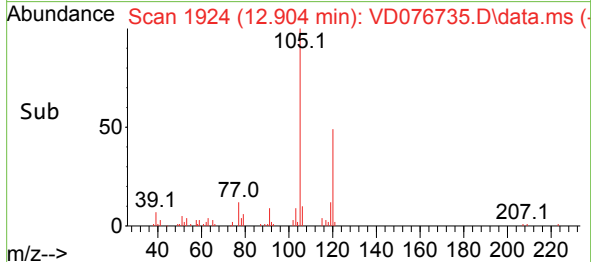
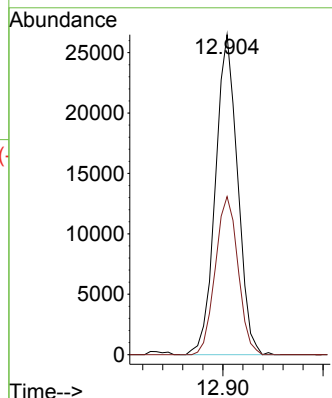
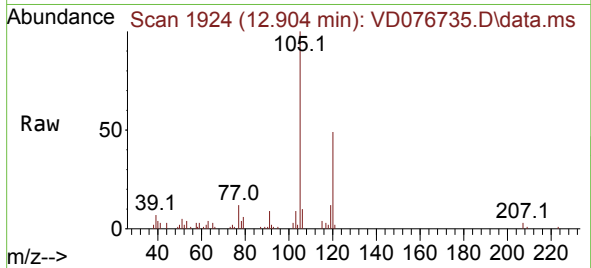




#80
 1,3,5-Trimethylbenzene
 Concen: 4.700 ug/l
 RT: 12.904 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: VD076735.D
 Acq: 14 Jul 2023 11:55

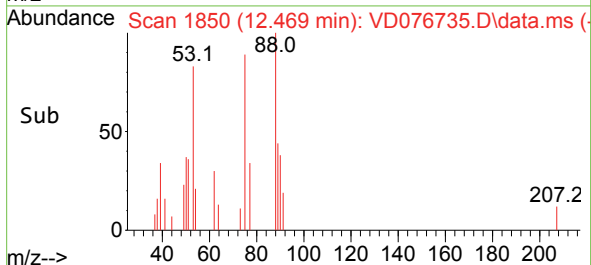
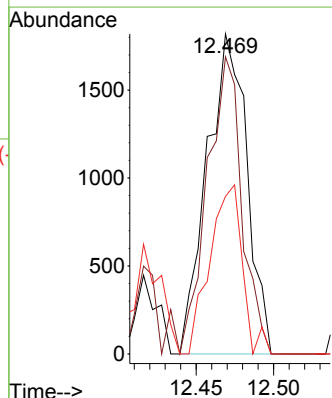
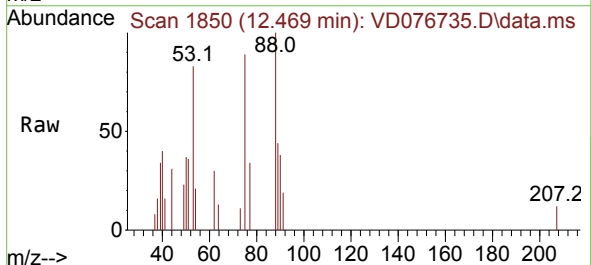
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

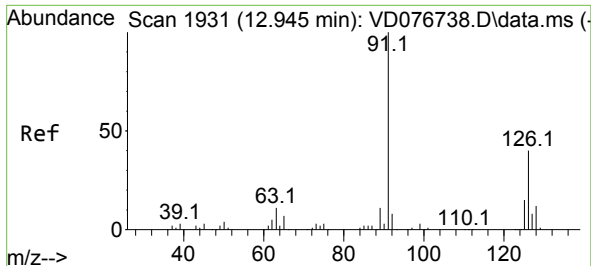
Tgt Ion:105 Resp: 40662
 Ion Ratio Lower Upper
 105 100
 120 50.5 26.4 79.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 4.953 ug/l
 RT: 12.469 min Scan# 1850
 Delta R.T. -0.000 min
 Lab File: VD076735.D
 Acq: 14 Jul 2023 11:55

Tgt Ion: 75 Resp: 3253
 Ion Ratio Lower Upper
 75 100
 53 80.3 63.0 94.4
 89 43.1 37.9 56.9

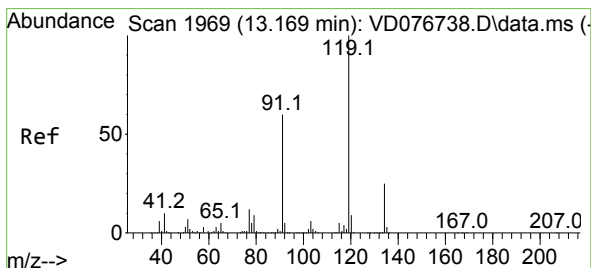
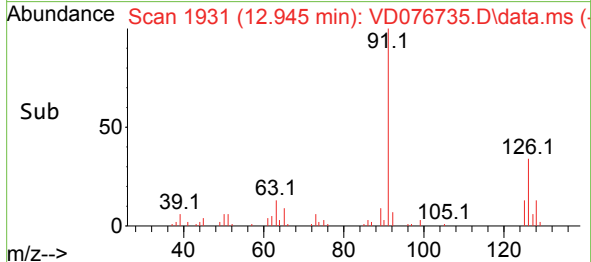
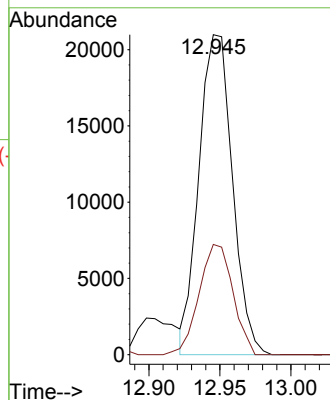
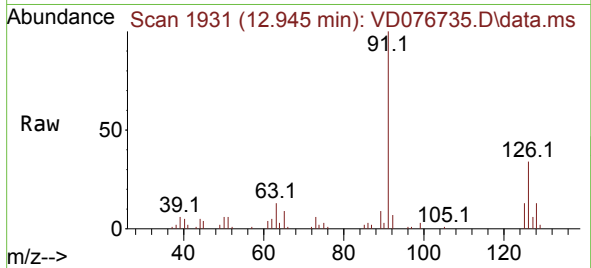




#82
4-Chlorotoluene
Concen: 4.587 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

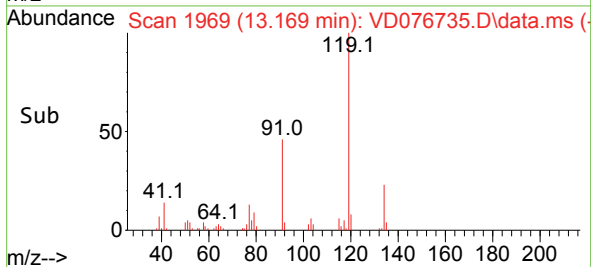
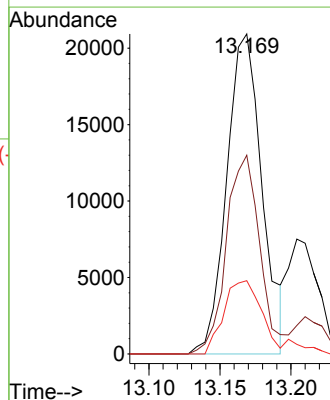
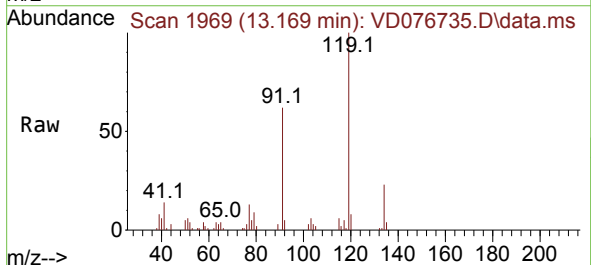
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

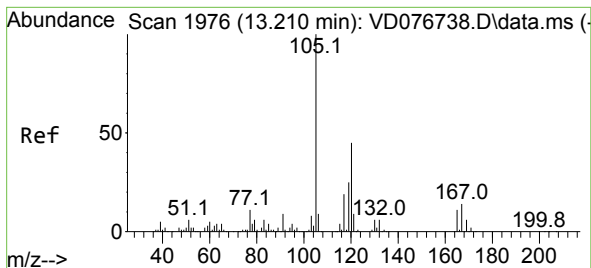
Tgt Ion: 91 Resp: 34403
Ion Ratio Lower Upper
91 100
126 34.8 19.4 58.4



#83
tert-Butylbenzene
Concen: 4.747 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

Tgt Ion: 119 Resp: 36170
Ion Ratio Lower Upper
119 100
91 59.6 29.3 87.8
134 24.3 14.1 42.3





#84

1,2,4-Trimethylbenzene

Concen: 4.510 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VD076735.D

Acq: 14 Jul 2023 11:55

Instrument :

MSVOA_D

ClientSampleId :

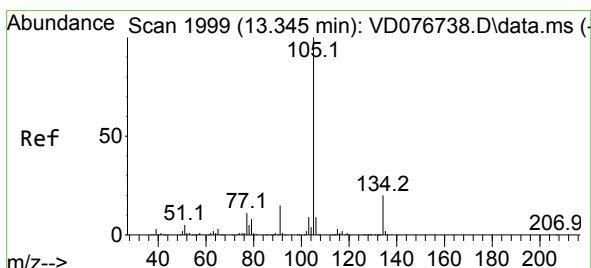
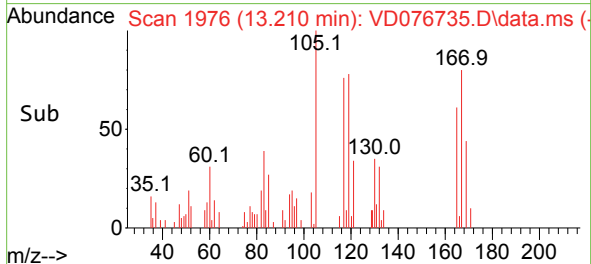
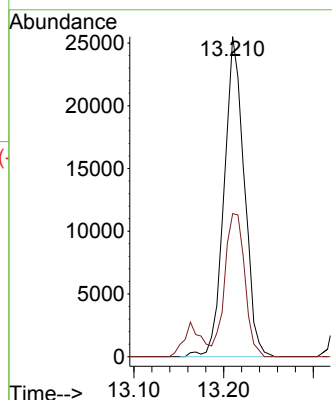
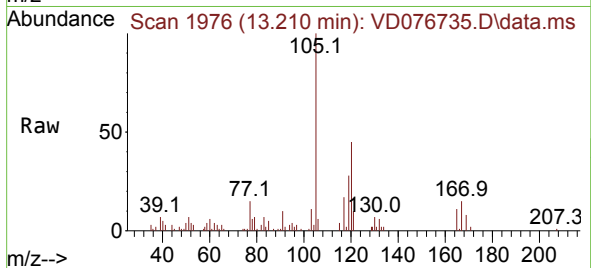
VSTDIC005

Tgt Ion:105 Resp: 39705

Ion Ratio Lower Upper

105 100

120 44.4 24.3 72.9



#85

sec-Butylbenzene

Concen: 4.764 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VD076735.D

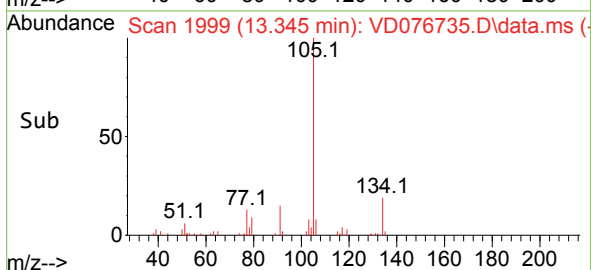
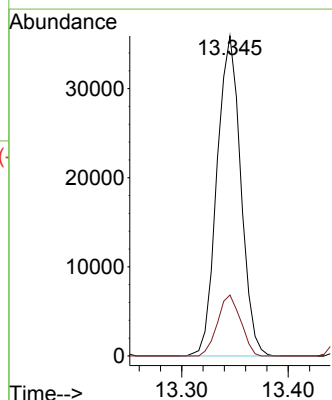
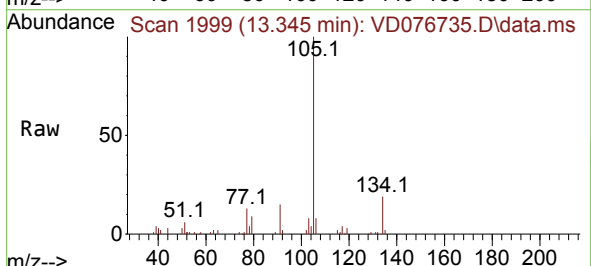
Acq: 14 Jul 2023 11:55

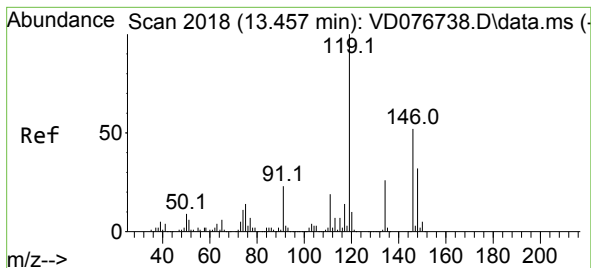
Tgt Ion:105 Resp: 55651

Ion Ratio Lower Upper

105 100

134 18.5 10.9 32.9





#86

p-Isopropyltoluene

Concen: 4.705 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD076735.D

Acq: 14 Jul 2023 11:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

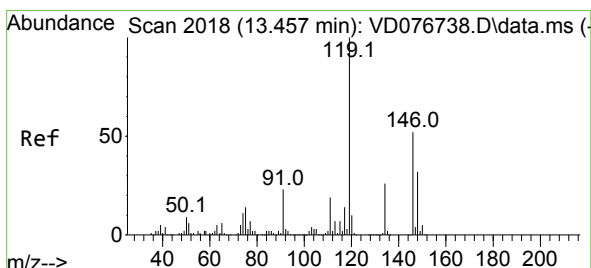
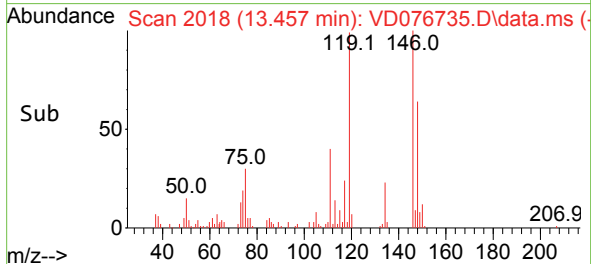
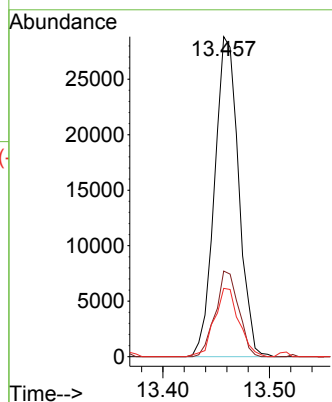
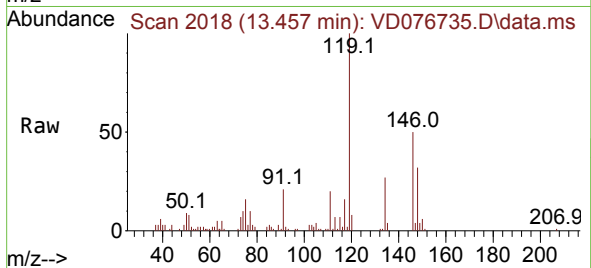
Tgt Ion:119 Resp: 45132

Ion Ratio Lower Upper

119 100

134 25.7 14.2 42.6

91 21.8 10.5 31.5



#87

1,3-Dichlorobenzene

Concen: 4.753 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD076735.D

Acq: 14 Jul 2023 11:55

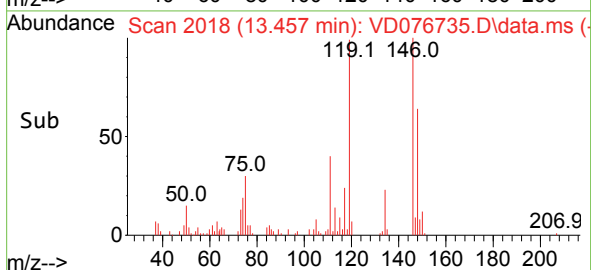
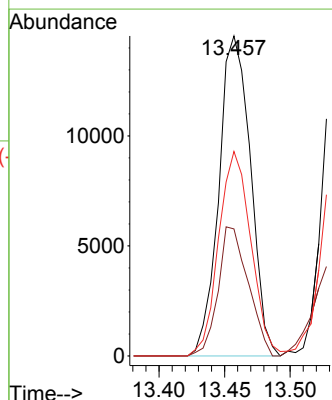
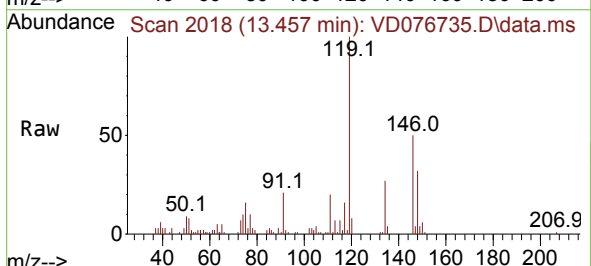
Tgt Ion:146 Resp: 24394

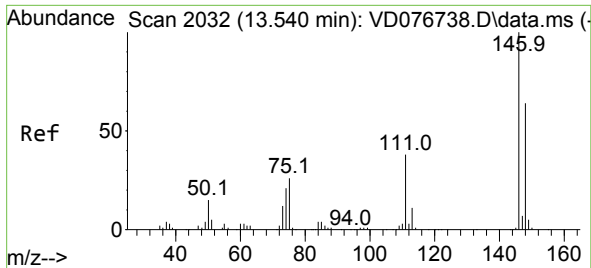
Ion Ratio Lower Upper

146 100

111 38.5 17.9 53.8

148 65.1 32.3 96.8

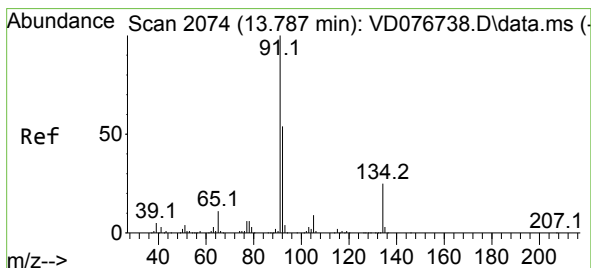
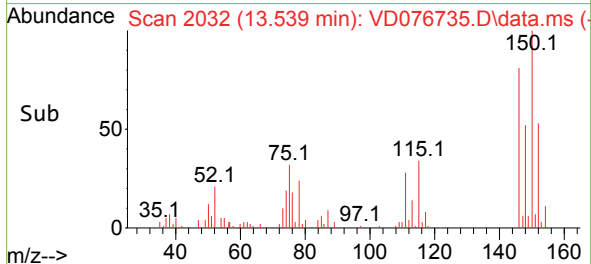
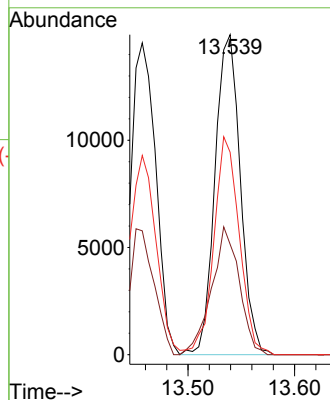
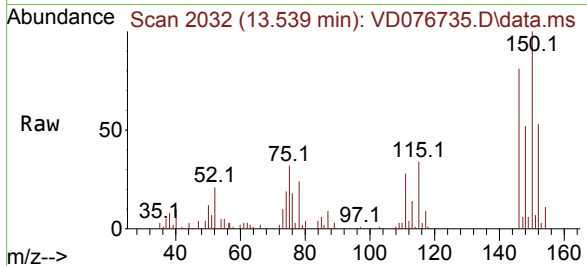




#88
1,4-Dichlorobenzene
Concen: 4.842 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

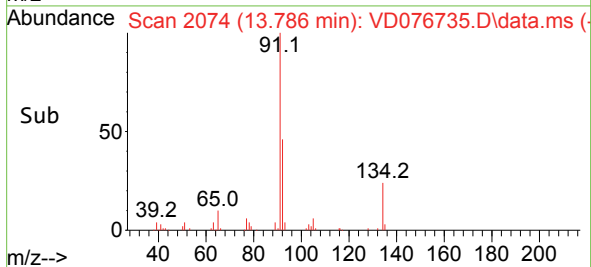
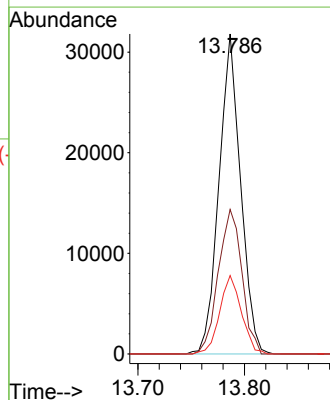
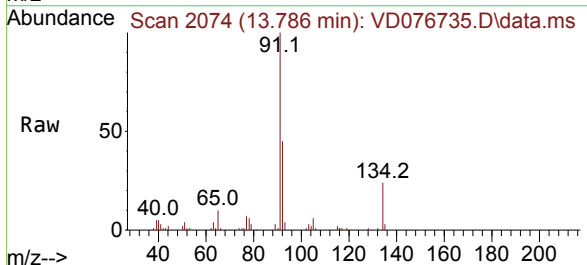
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

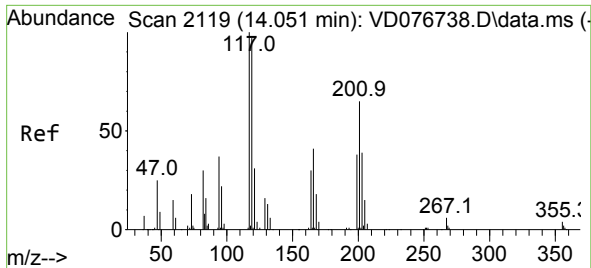
Tgt Ion:146 Resp: 24605
Ion Ratio Lower Upper
146 100
111 43.8 17.4 52.3
148 68.7 31.7 95.1



#89
n-Butylbenzene
Concen: 4.778 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

Tgt Ion: 91 Resp: 44704
Ion Ratio Lower Upper
91 100
92 49.3 26.5 79.5
134 24.7 13.8 41.3

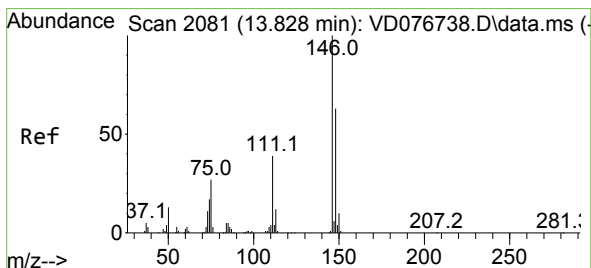
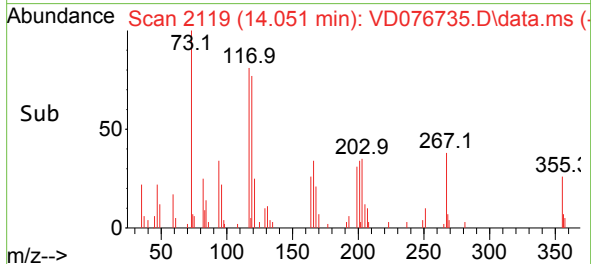
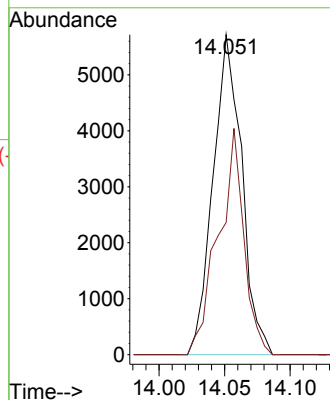
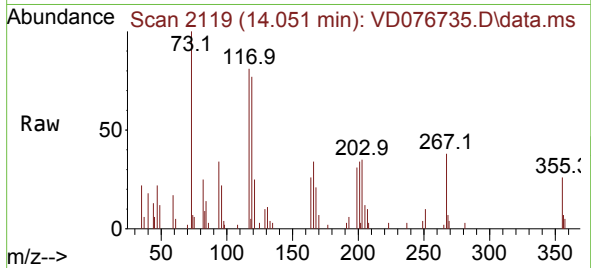




#90
Hexachloroethane
Concen: 4.831 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.000 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

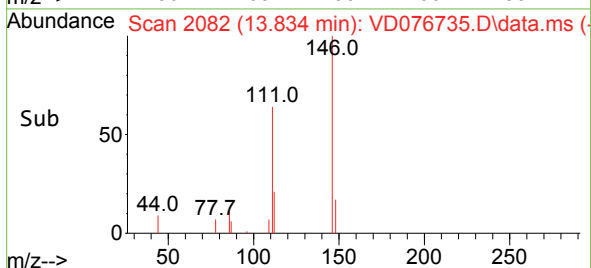
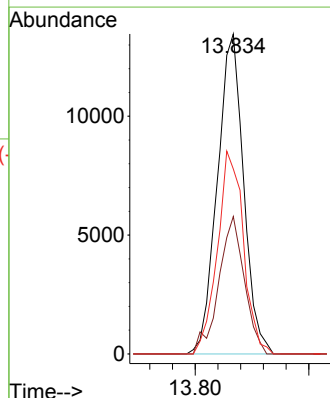
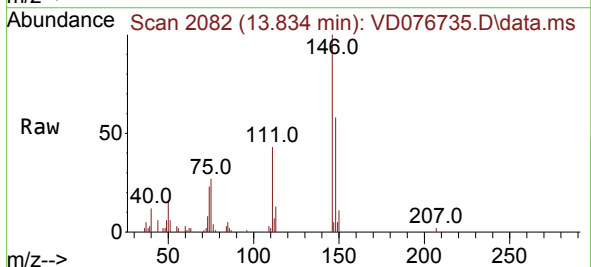
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

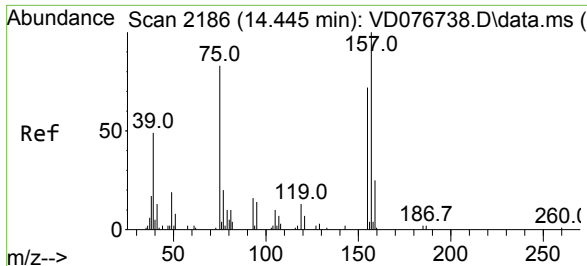
Tgt Ion:117 Resp: 8686
Ion Ratio Lower Upper
117 100
201 63.1 38.5 115.5



#91
1,2-Dichlorobenzene
Concen: 4.777 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

Tgt Ion:146 Resp: 21583
Ion Ratio Lower Upper
146 100
111 41.8 18.3 54.8
148 62.9 31.6 94.7

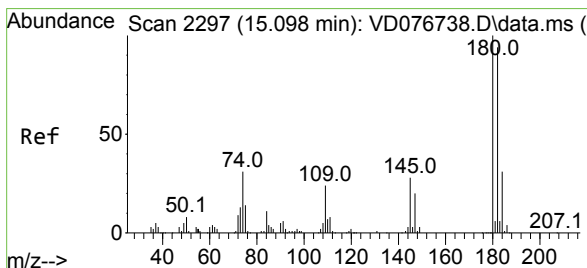
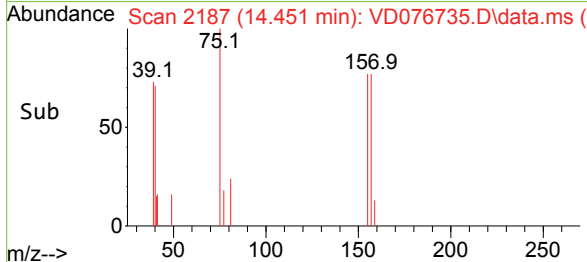
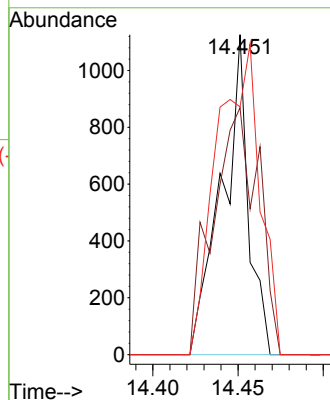
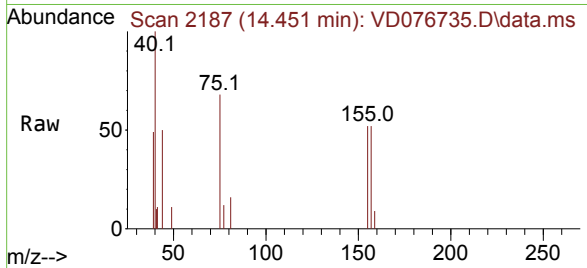




#92
1,2-Dibromo-3-Chloropropane
Concen: 3.653 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

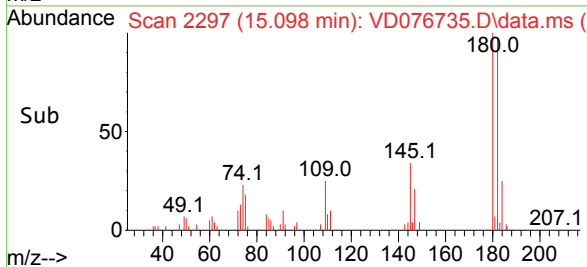
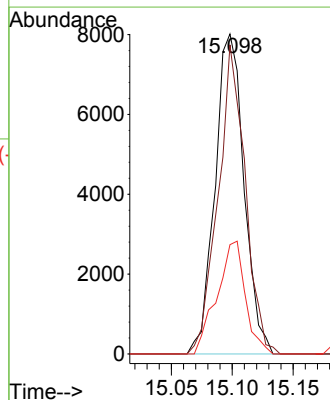
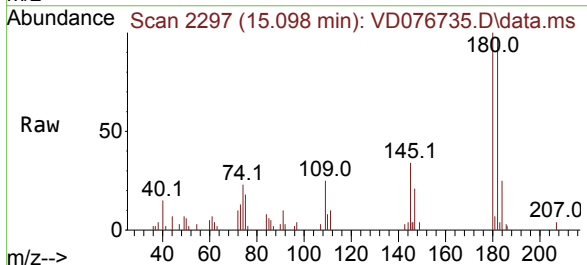
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

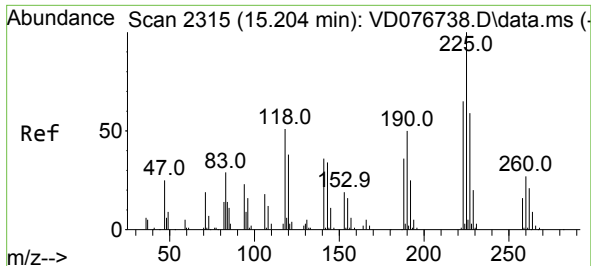
Tgt Ion: 75 Resp: 1221
Ion Ratio Lower Upper
75 100
155 131.5 47.9 143.8
157 156.4 59.9 179.7



#93
1,2,4-Trichlorobenzene
Concen: 4.788 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

Tgt Ion: 180 Resp: 13289
Ion Ratio Lower Upper
180 100
182 90.1 48.5 145.6
145 34.5 14.2 42.6

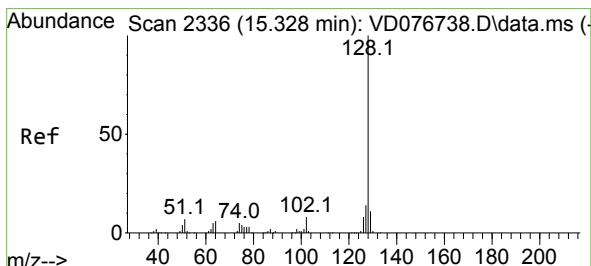
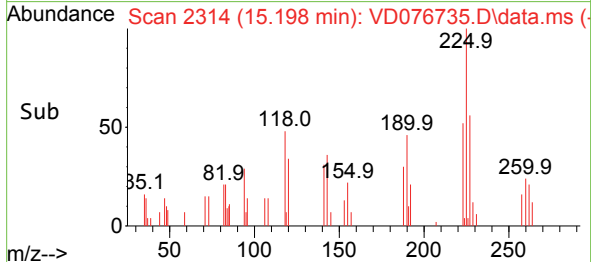
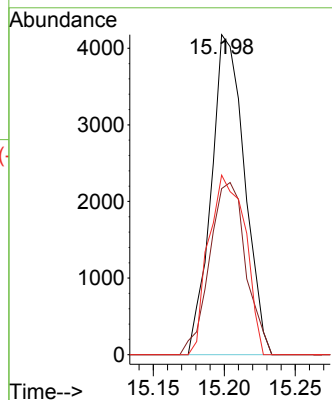
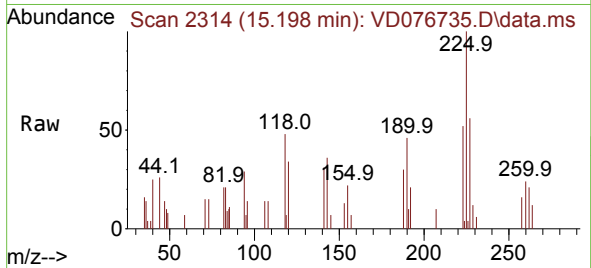




#94
Hexachlorobutadiene
Concen: 5.140 ug/l
RT: 15.198 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

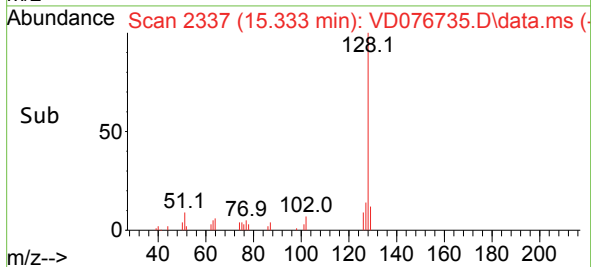
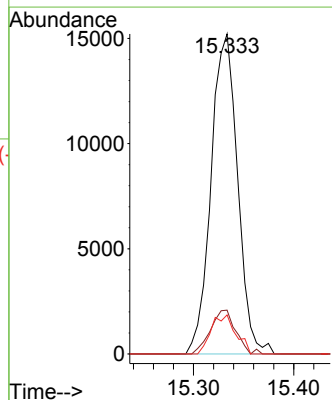
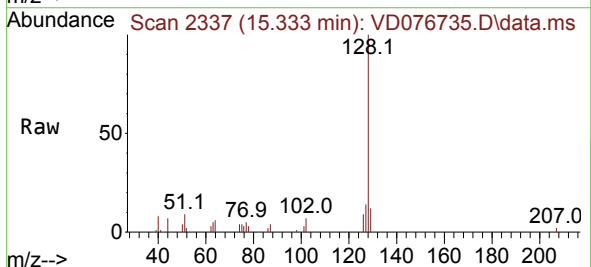
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

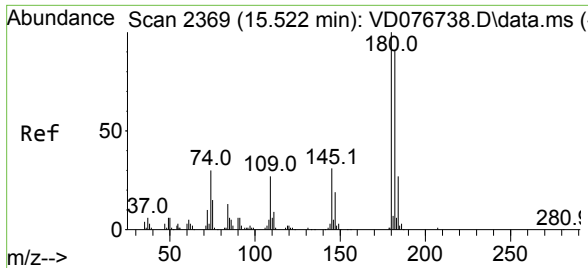
Tgt Ion:225 Resp: 6818
Ion Ratio Lower Upper
225 100
223 58.6 31.6 94.8
227 61.5 31.7 95.1



#95
Naphthalene
Concen: 4.771 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. 0.006 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

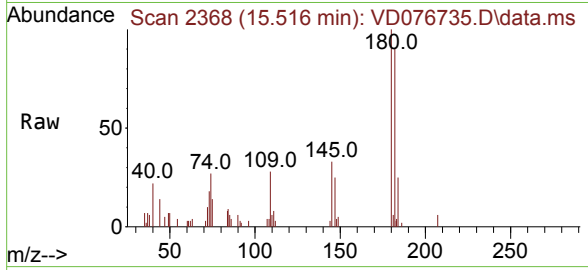
Tgt Ion:128 Resp: 28020
Ion Ratio Lower Upper
128 100
127 13.7 10.5 15.7
129 12.2 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 4.806 ug/l
 RT: 15.516 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD076735.D
 Acq: 14 Jul 2023 11:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005



Tgt Ion:	180	Resp:	11794
Ion Ratio	Lower	Upper	
180	100		
182	90.7	47.3	141.9
145	33.3	15.1	45.3

