

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073123\
 Data File : VD076871.D
 Acq On : 31 Jul 2023 13:38
 Operator : KP/SY
 Sample : VD0728SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0731SBS01

Quant Time: Aug 01 02:10:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	175001	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	308032	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	285548	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	133324	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	82498	47.329	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.660%
35) Dibromofluoromethane	7.805	113	99198	51.247	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.500%
50) Toluene-d8	10.269	98	321219	46.387	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.780%
62) 4-Bromofluorobenzene	12.575	95	107412	47.949	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.900%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	29405	21.487	ug/l	97
3) Chloromethane	2.146	50	41284	17.488	ug/l	100
4) Vinyl Chloride	2.281	62	57570	18.294	ug/l	91
5) Bromomethane	2.675	94	50720	19.589	ug/l	97
6) Chloroethane	2.828	64	44631	18.785	ug/l	98
7) Trichlorofluoromethane	3.170	101	60502	21.607	ug/l	98
8) Diethyl Ether	3.587	74	18724	19.422	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.970	101	41662	22.635	ug/l	94
10) Methyl Iodide	4.158	142	41754	20.124	ug/l	92
11) Tert butyl alcohol	5.052	59	14966	115.061	ug/l #	84
12) 1,1-Dichloroethene	3.934	96	34440	19.916	ug/l	94
13) Acrolein	3.793	56	9865	111.296	ug/l	97
14) Allyl chloride	4.564	41	45794	20.159	ug/l	91
15) Acrylonitrile	5.252	53	47018	99.299	ug/l	98
16) Acetone	4.017	43	41547	99.805	ug/l	87
17) Carbon Disulfide	4.264	76	68010	16.839	ug/l	97
18) Methyl Acetate	4.564	43	33702	21.548	ug/l	93
19) Methyl tert-butyl Ether	5.322	73	94019	20.274	ug/l #	91
20) Methylene Chloride	4.799	84	74778	25.022	ug/l #	87
21) trans-1,2-Dichloroethene	5.305	96	39099	19.451	ug/l	96
22) Diisopropyl ether	6.211	45	111513	20.730	ug/l	89
23) Vinyl Acetate	6.152	43	210539	79.102	ug/l	95
24) 1,1-Dichloroethane	6.111	63	75421	20.795	ug/l	99
25) 2-Butanone	7.081	43	61501	110.389	ug/l #	86
26) 2,2-Dichloropropane	7.075	77	69456	22.215	ug/l	95
27) cis-1,2-Dichloroethene	7.075	96	49836	20.112	ug/l	93
28) Bromochloromethane	7.422	49	19469	21.471	ug/l	85
29) Tetrahydrofuran	7.446	42	32891	99.920	ug/l	91
30) Chloroform	7.593	83	86856	21.864	ug/l	98
31) Cyclohexane	7.869	56	49497	19.295	ug/l	90
32) 1,1,1-Trichloroethane	7.787	97	71972	22.456	ug/l	95
36) 1,1-Dichloropropene	8.005	75	55392	21.899	ug/l	95
37) Ethyl Acetate	7.169	43	23029	20.358	ug/l	99
38) Carbon Tetrachloride	7.987	117	56260	23.229	ug/l	93
39) Methylcyclohexane	9.269	83	58034	19.870	ug/l	97
40) Benzene	8.252	78	170440	21.356	ug/l	96

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	11804	17.088	ug/l #	85
42) 1,2-Dichloroethane	8.328	62	48380	23.330	ug/l	96
43) Isopropyl Acetate	8.358	43	46100	20.882	ug/l	92
44) Trichloroethene	9.034	130	46284	21.282	ug/l	89
45) 1,2-Dichloropropane	9.305	63	45832	22.247	ug/l	95
46) Dibromomethane	9.387	93	28215	23.397	ug/l	86
47) Bromodichloromethane	9.587	83	66367	21.931	ug/l	97
48) Methyl methacrylate	9.381	41	19015	18.925	ug/l #	88
49) 1,4-Dioxane	9.387	88	6604	427.440	ug/l	95
51) 4-Methyl-2-Pentanone	10.157	43	126938	107.995	ug/l	93
52) Toluene	10.328	92	108484	20.696	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	60550	21.557	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	71377	21.562	ug/l #	92
55) 1,1,2-Trichloroethane	10.734	97	39002	22.149	ug/l	95
56) Ethyl methacrylate	10.599	69	40974	20.160	ug/l #	89
57) 1,3-Dichloropropane	10.875	76	62071	21.645	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	86819	110.356	ug/l	97
59) 2-Hexanone	10.922	43	85450	101.884	ug/l	94
60) Dibromochloromethane	11.075	129	46464	22.713	ug/l	95
61) 1,2-Dibromoethane	11.175	107	34547	21.161	ug/l	96
64) Tetrachloroethene	10.810	164	34771	21.355	ug/l	93
65) Chlorobenzene	11.604	112	125602	21.871	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	46699	21.841	ug/l	98
67) Ethyl Benzene	11.681	91	213984	21.216	ug/l	95
68) m/p-Xylenes	11.793	106	164564	42.484	ug/l	93
69) o-Xylene	12.122	106	76285	20.366	ug/l	88
70) Styrene	12.134	104	138587	21.135	ug/l	98
71) Bromoform	12.298	173	26119	22.304	ug/l #	98
73) Isopropylbenzene	12.422	105	208508	21.556	ug/l	94
74) N-amyl acetate	12.234	43	42931	21.067	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.675	83	45791	22.048	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	53050	41.841	ug/l #	100
77) Bromobenzene	12.704	156	50700	22.707	ug/l	88
78) n-propylbenzene	12.763	91	260305	22.198	ug/l	95
79) 2-Chlorotoluene	12.851	91	142269	22.126	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	172745	22.086	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	13085	21.964	ug/l	98
82) 4-Chlorotoluene	12.946	91	147108	21.900	ug/l	96
83) tert-Butylbenzene	13.163	119	150005	21.782	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	169775	21.241	ug/l	96
85) sec-Butylbenzene	13.345	105	228678	21.734	ug/l	96
86) p-Isopropyltoluene	13.463	119	188574	21.701	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	99166	21.594	ug/l	96
88) 1,4-Dichlorobenzene	13.540	146	100945	22.435	ug/l	97
89) n-Butylbenzene	13.787	91	181361	21.329	ug/l	99
90) Hexachloroethane	14.051	117	38582	24.016	ug/l	83
91) 1,2-Dichlorobenzene	13.828	146	89949	22.228	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	6088	20.559	ug/l	98
93) 1,2,4-Trichlorobenzene	15.098	180	53915	21.824	ug/l	97
94) Hexachlorobutadiene	15.204	225	26187	22.040	ug/l	99
95) Naphthalene	15.328	128	112349	21.003	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	48605	21.924	ug/l	98

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QLast Update : Mon Jul 17 08:07:52 2023
Response via : Initial Calibration

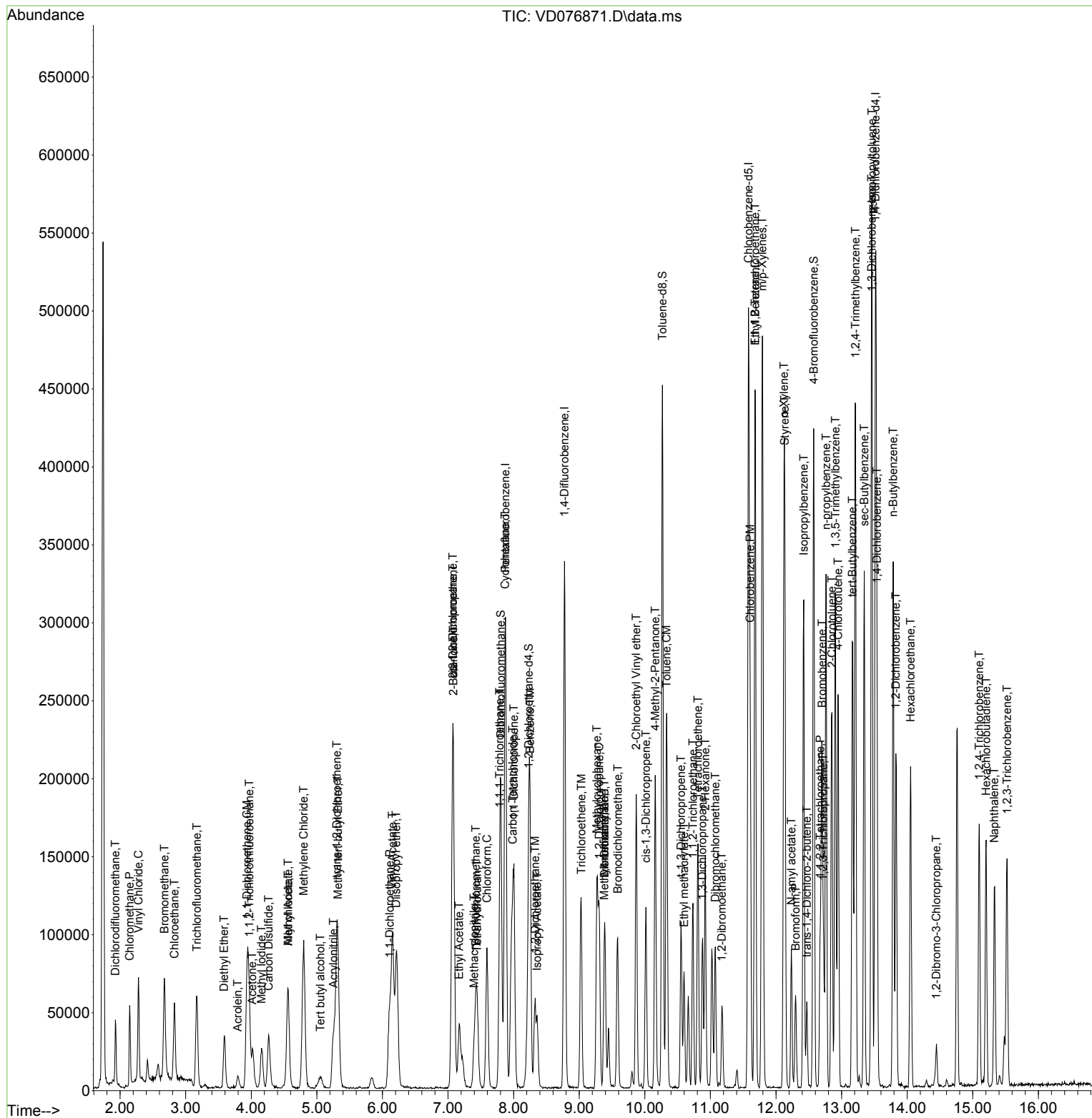
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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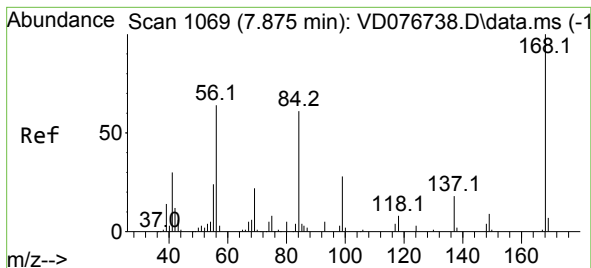
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD076871.D

Acq: 31 Jul 2023 13:38

Instrument :

MSVOA_D

ClientSampleId :

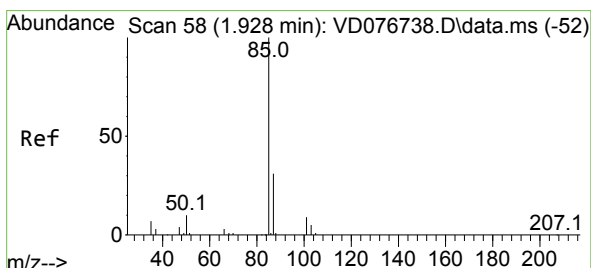
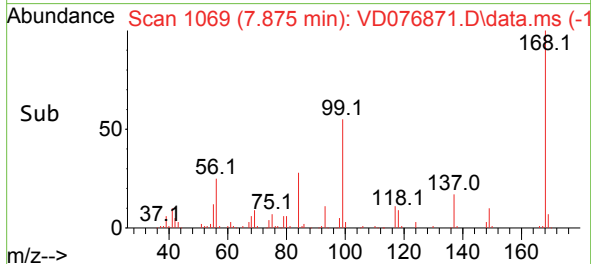
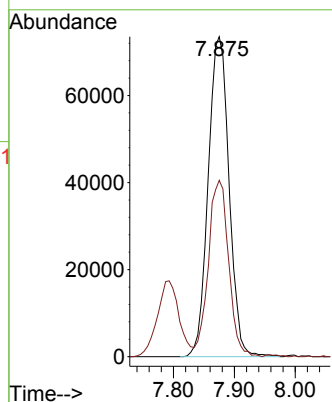
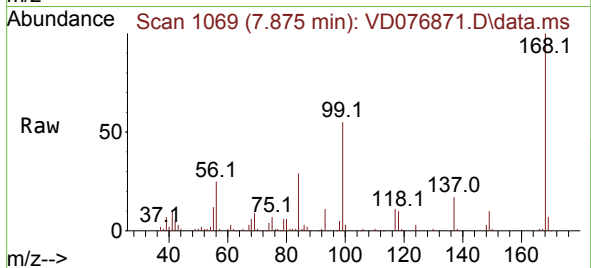
VD0731SBSD01

Tgt Ion:168 Resp: 175001

Ion Ratio Lower Upper

168 100

99 54.8 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 21.487 ug/l

RT: 1.928 min Scan# 58

Delta R.T. 0.000 min

Lab File: VD076871.D

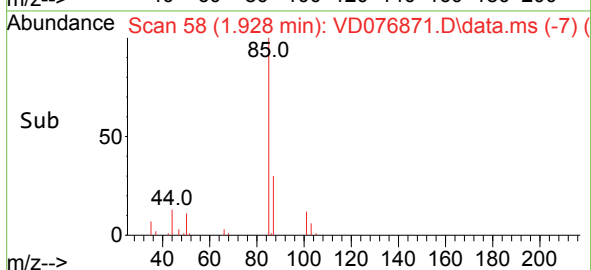
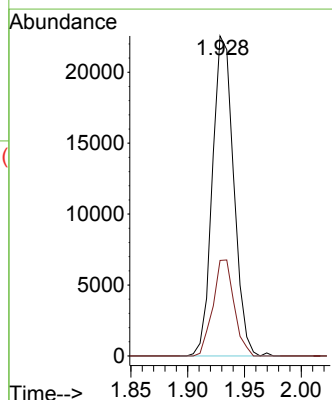
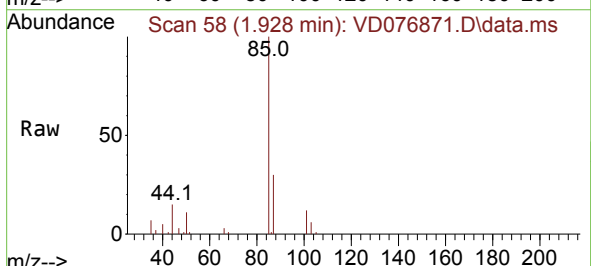
Acq: 31 Jul 2023 13:38

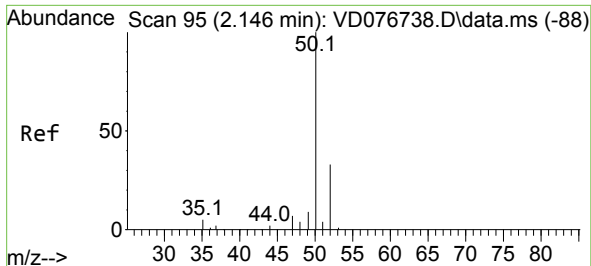
Tgt Ion: 85 Resp: 29405

Ion Ratio Lower Upper

85 100

87 29.9 15.7 47.0

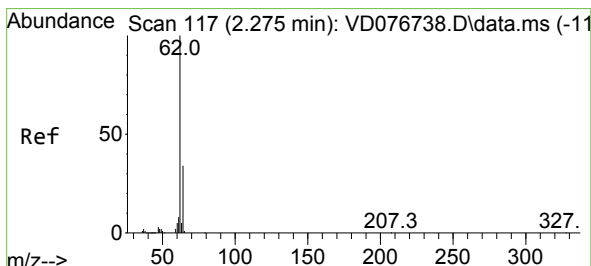
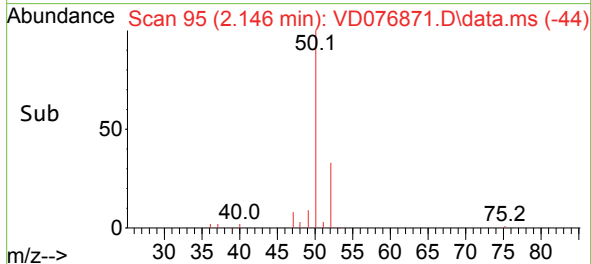
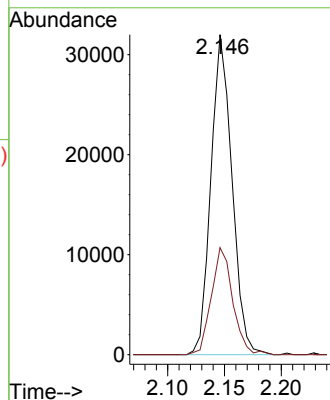
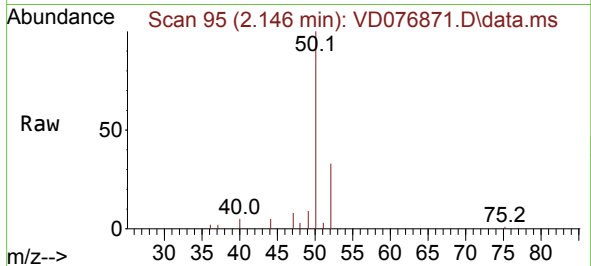




#3
Chloromethane
Concen: 17.488 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076871.D
Acq: 31 Jul 2023 13:38

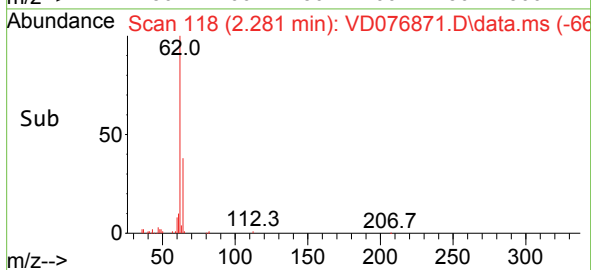
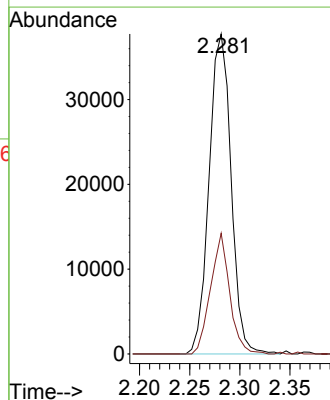
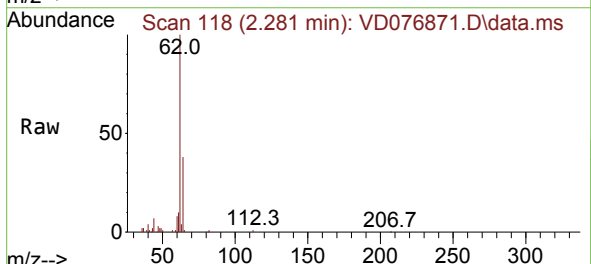
Instrument :
MSVOA_D
ClientSampleId :
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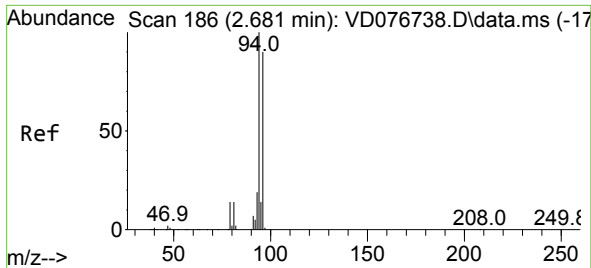
Tgt Ion: 50 Resp: 41284
Ion Ratio Lower Upper
50 100
52 33.4 26.6 40.0



#4
Vinyl Chloride
Concen: 18.294 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.006 min
Lab File: VD076871.D
Acq: 31 Jul 2023 13:38

Tgt Ion: 62 Resp: 57570
Ion Ratio Lower Upper
62 100
64 37.7 26.0 39.0

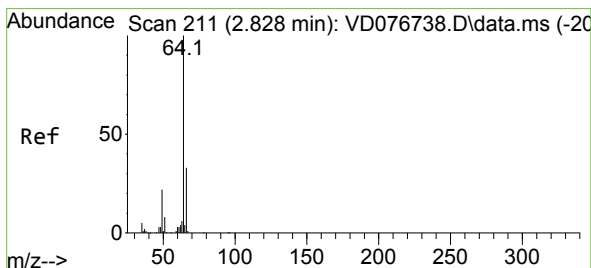
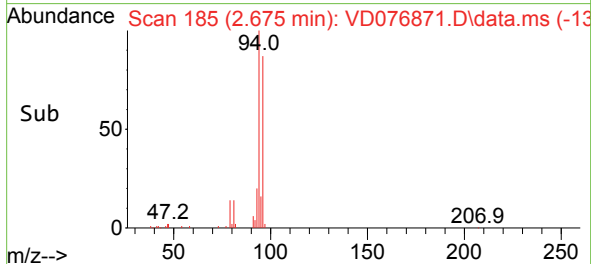
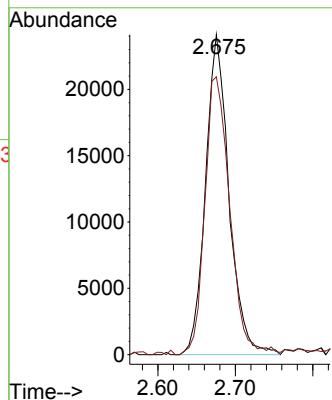
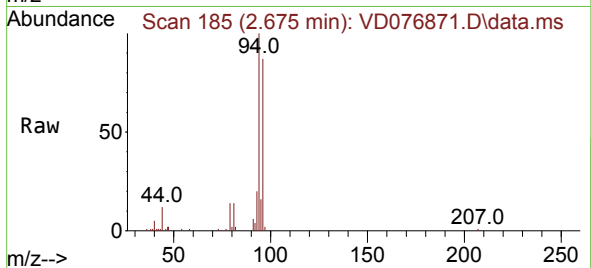




#5
Bromomethane
Concen: 19.589 ug/l
RT: 2.675 min Scan# 185
Delta R.T. -0.006 min
Lab File: VD076871.D
Acq: 31 Jul 2023 13:38

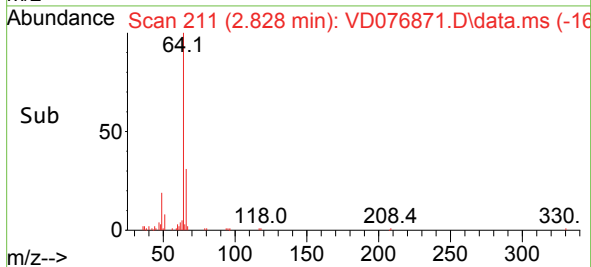
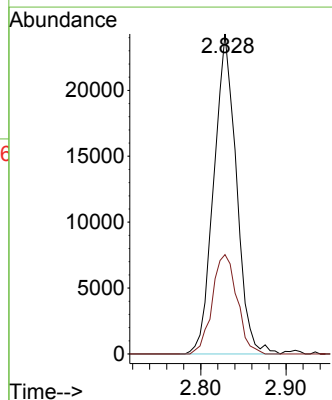
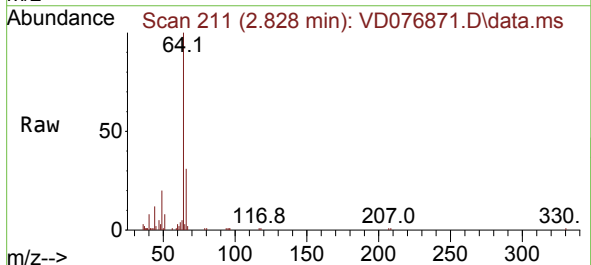
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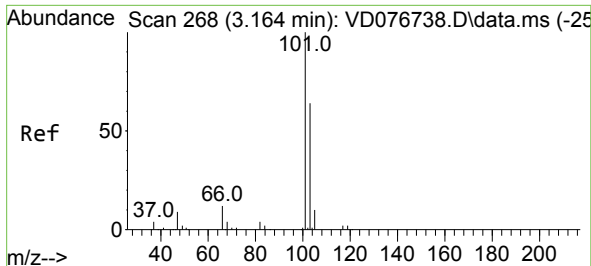
Tgt Ion: 94 Resp: 50720
Ion Ratio Lower Upper
94 100
96 92.4 75.8 113.8



#6
Chloroethane
Concen: 18.785 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD076871.D
Acq: 31 Jul 2023 13:38

Tgt Ion: 64 Resp: 44631
Ion Ratio Lower Upper
64 100
66 31.0 25.5 38.3

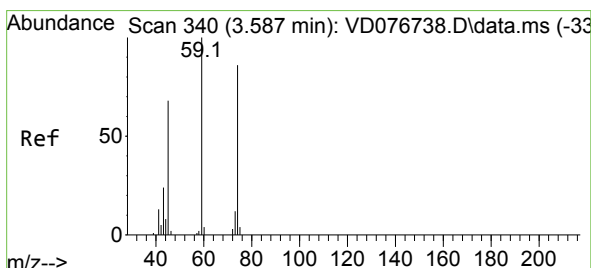
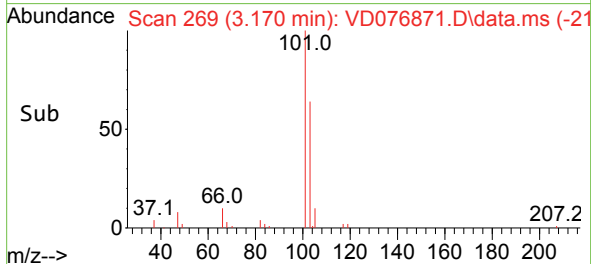
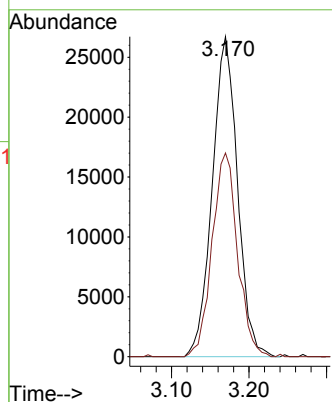
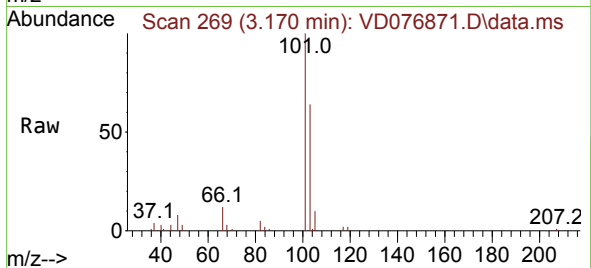




#7
 Trichlorofluoromethane
 Concen: 21.607 ug/l
 RT: 3.170 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VD076871.D
 Acq: 31 Jul 2023 13:38

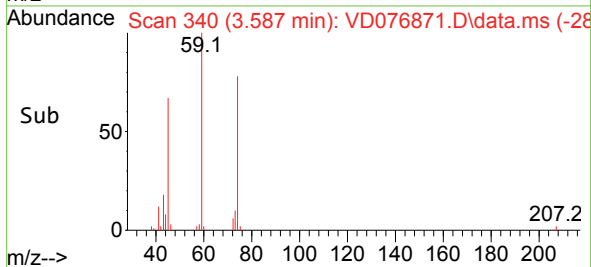
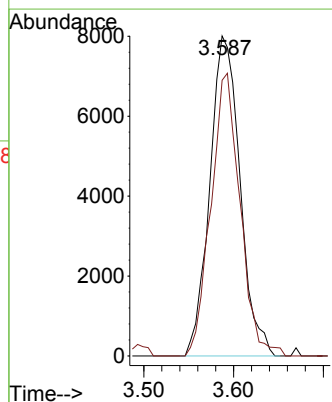
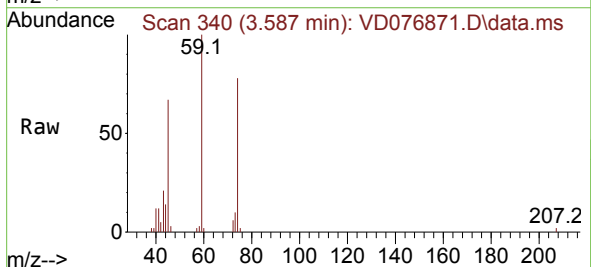
Instrument :
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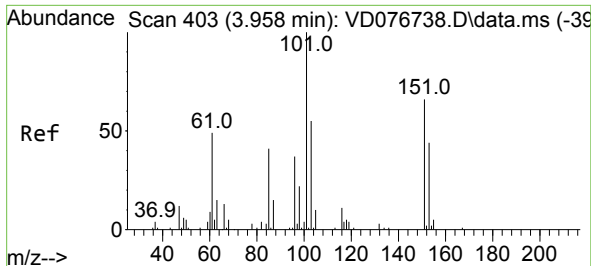
Tgt Ion:101 Resp: 60502
 Ion Ratio Lower Upper
 101 100
 103 63.7 52.3 78.5



#8
 Diethyl Ether
 Concen: 19.422 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. 0.000 min
 Lab File: VD076871.D
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Tgt Ion: 74 Resp: 18724
 Ion Ratio Lower Upper
 74 100
 45 85.2 37.5 112.7



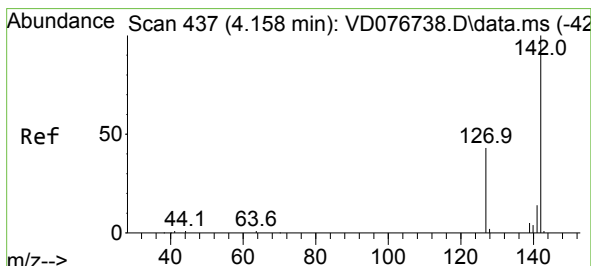
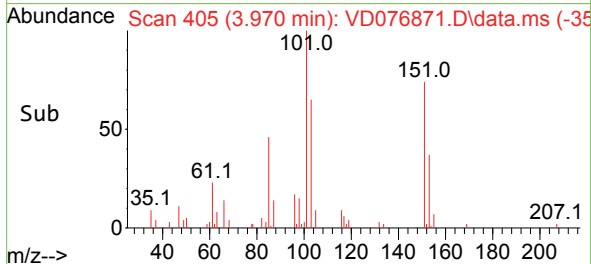
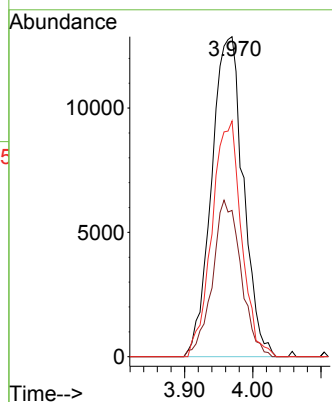
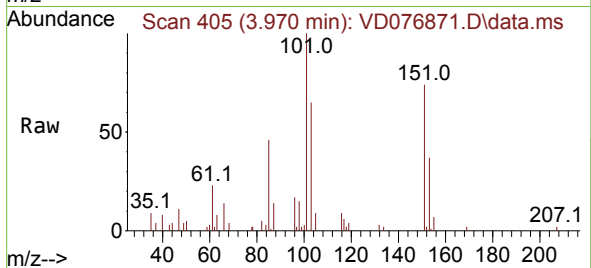


#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.635 ug/l
RT: 3.970 min Scan# 403
Delta R.T. 0.012 min
Lab File: VD076871.D
Acq: 31 Jul 2023 13:38

Instrument :
MSVOA_D
ClientSampleId :
VD0731SBS01

Tgt Ion:101 Resp: 41662

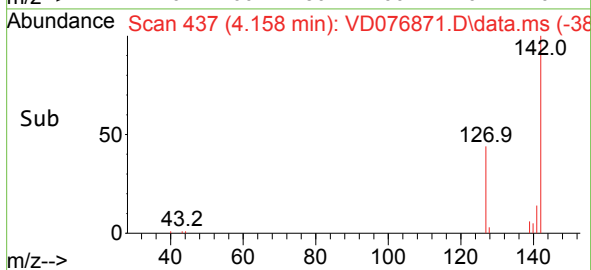
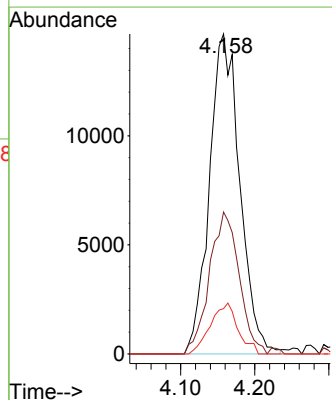
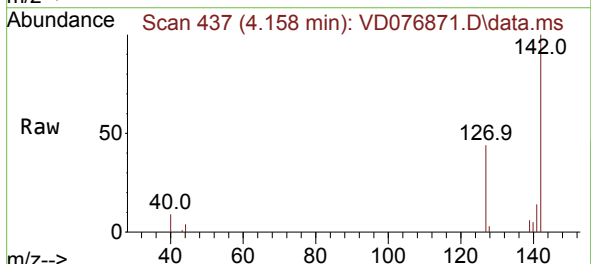
Ion	Ratio	Lower	Upper
101	100		
85	44.3	33.8	50.6
151	68.6	59.8	89.6

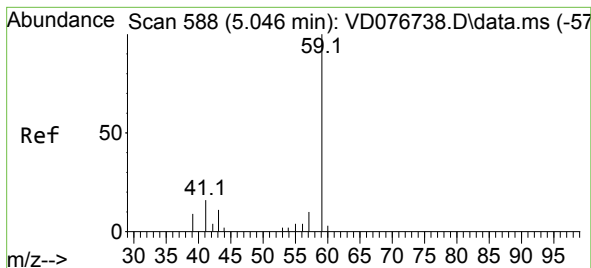


#10
Methyl Iodide
Concen: 20.124 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD076871.D
Acq: 31 Jul 2023 13:38

Tgt Ion:142 Resp: 41754

Ion	Ratio	Lower	Upper
142	100		
127	43.3	29.4	44.0
141	14.4	11.1	16.7





#11

Tert butyl alcohol

Concen: 115.061 ug/l

RT: 5.052 min Scan# 589

Delta R.T. 0.006 min

Lab File: VD076871.D

Acq: 31 Jul 2023 13:38

Instrument :

MSVOA_D

ClientSampleId :

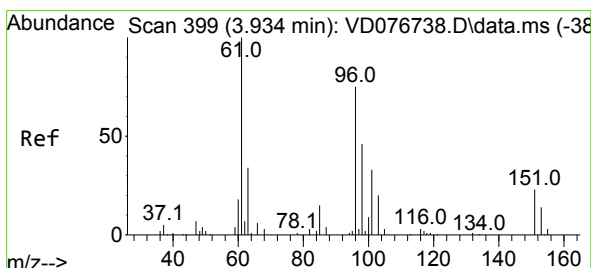
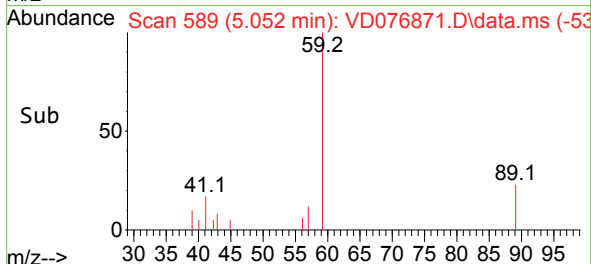
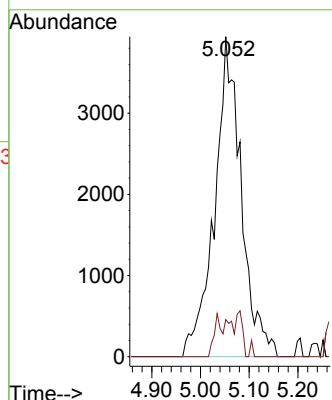
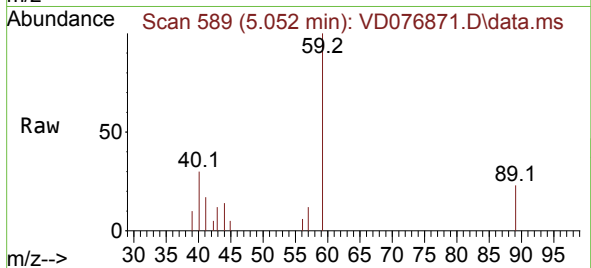
VD0731SBS01

Tgt Ion: 59 Resp: 14966

Ion Ratio Lower Upper

59 100

57 3.7 7.8 11.8#



#12

1,1-Dichloroethene

Concen: 19.916 ug/l

RT: 3.934 min Scan# 399

Delta R.T. 0.000 min

Lab File: VD076871.D

Acq: 31 Jul 2023 13:38

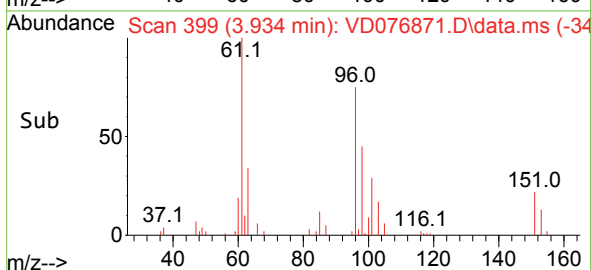
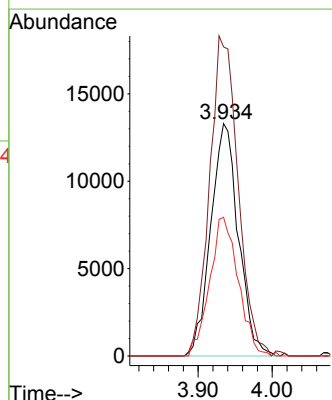
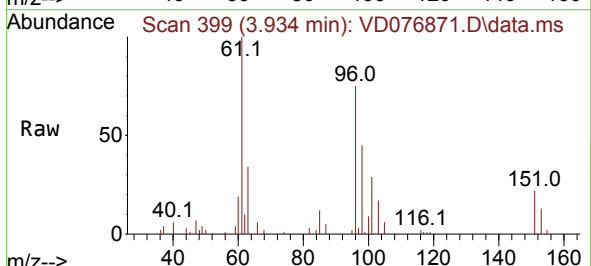
Tgt Ion: 96 Resp: 34440

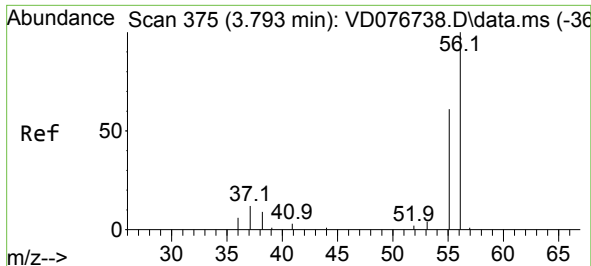
Ion Ratio Lower Upper

96 100

61 133.1 100.6 150.8

98 59.8 50.2 75.2

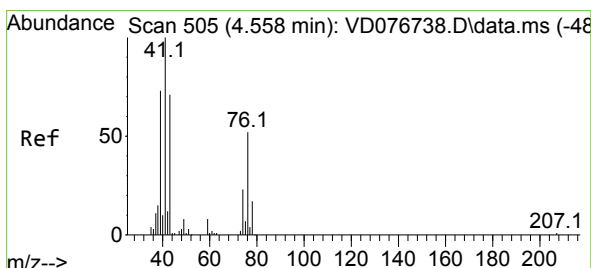
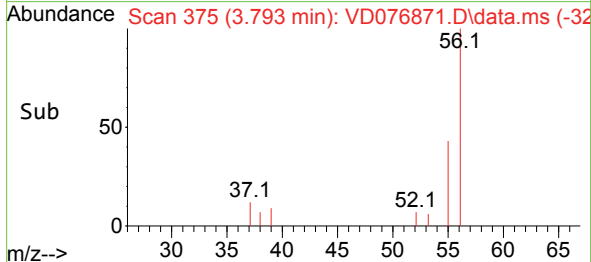
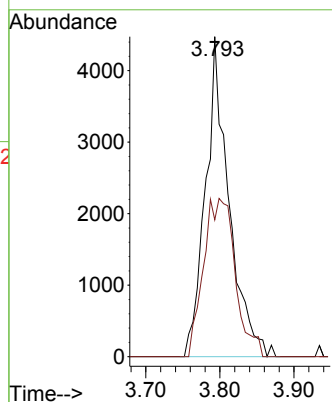
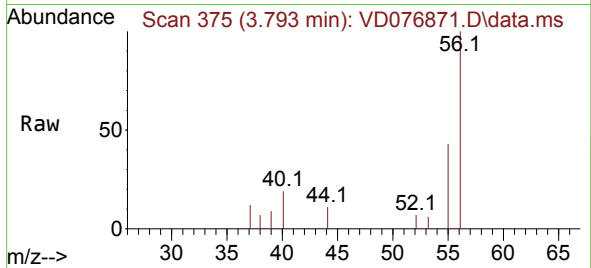




#13
Acrolein
Concen: 111.296 ug/l
RT: 3.793 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD076871.D
Acq: 31 Jul 2023 13:38

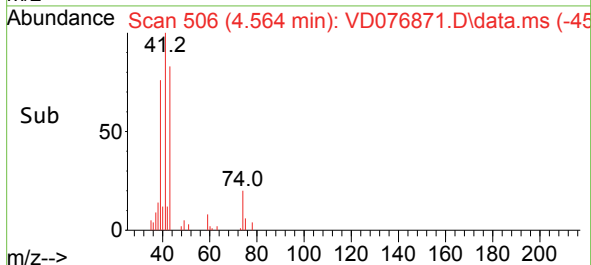
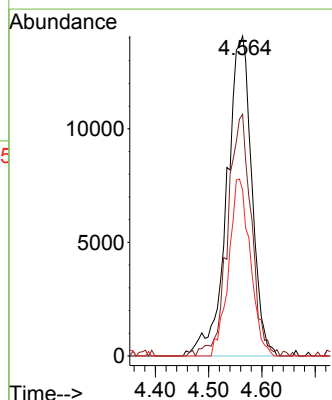
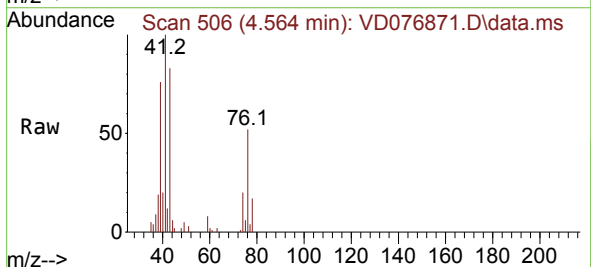
Instrument :
MSVOA_D
ClientSampleId :
VD0731SBSD01

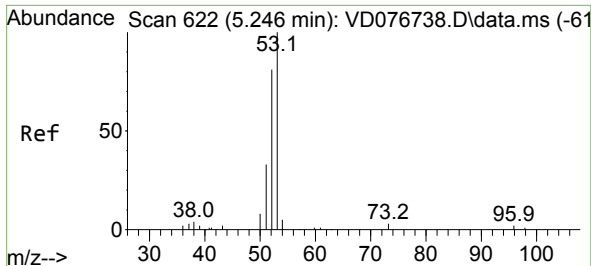
Tgt Ion: 56 Resp: 9865
Ion Ratio Lower Upper
56 100
55 66.7 55.1 82.7



#14
Allyl chloride
Concen: 20.159 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD076871.D
Acq: 31 Jul 2023 13:38

Tgt Ion: 41 Resp: 45794
Ion Ratio Lower Upper
41 100
39 71.5 53.8 80.6
76 47.8 45.8 68.8

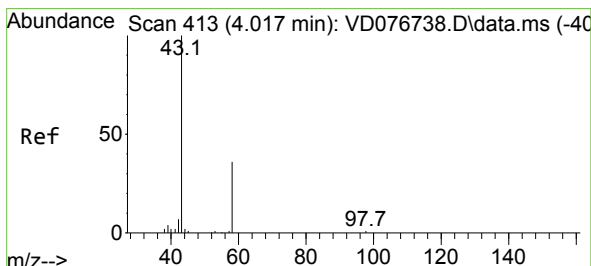
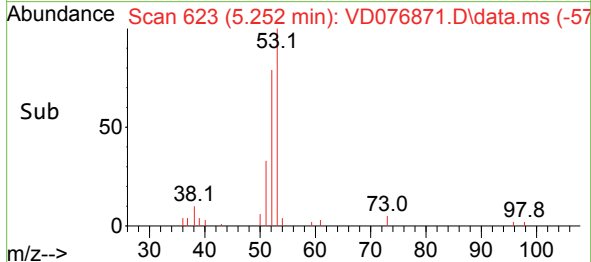
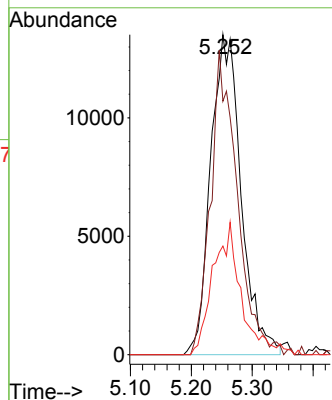
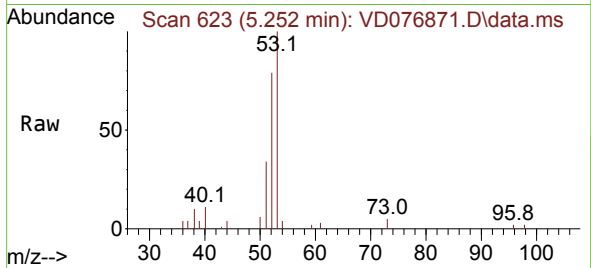




#15
Acrylonitrile
Concen: 99.299 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD076871.D
Acq: 31 Jul 2023 13:38

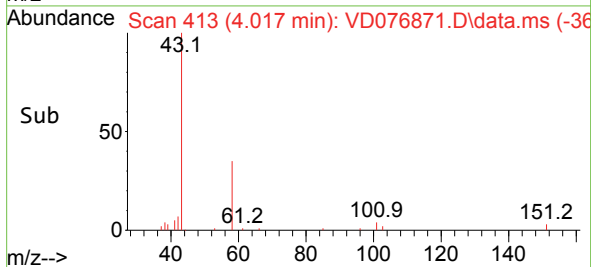
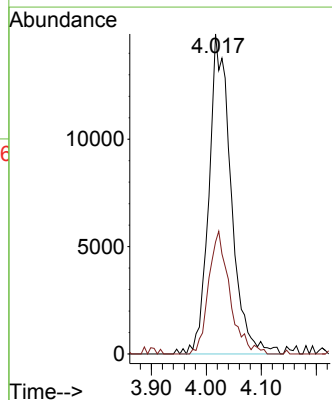
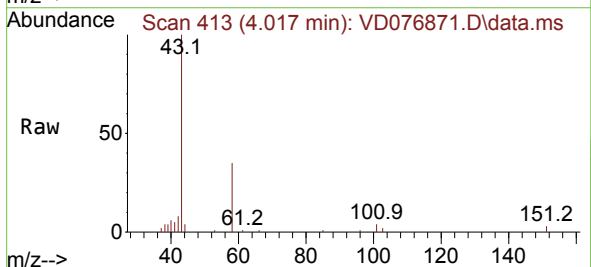
Instrument :
MSVOA_D
ClientSampleId :
VD0731SBS01

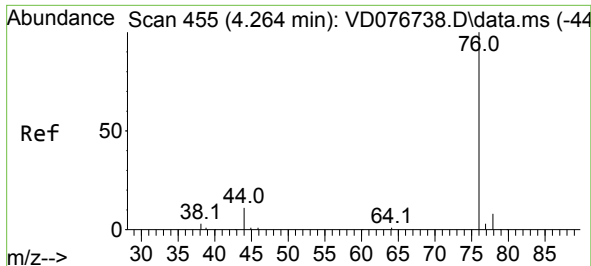
Tgt Ion: 53 Resp: 47018
Ion Ratio Lower Upper
53 100
52 82.1 65.0 97.4
51 37.4 28.3 42.5



#16
Acetone
Concen: 99.805 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.000 min
Lab File: VD076871.D
Acq: 31 Jul 2023 13:38

Tgt Ion: 43 Resp: 41547
Ion Ratio Lower Upper
43 100
58 35.0 34.7 52.1

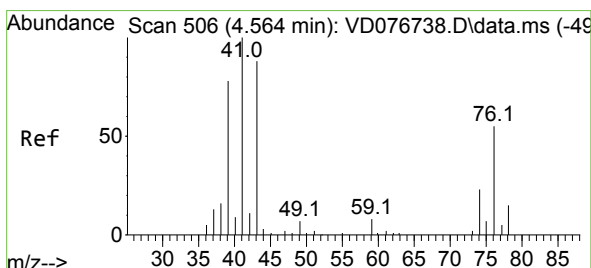
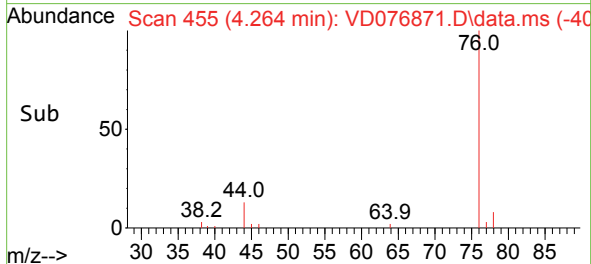
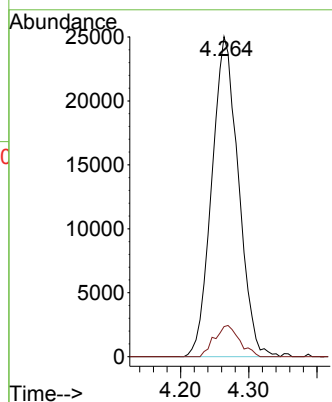
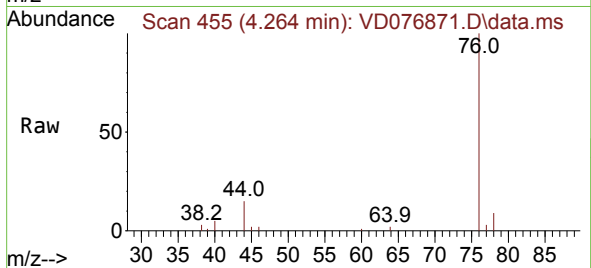




#17
Carbon Disulfide
Concen: 16.839 ug/l
RT: 4.264 min Scan# 417
Delta R.T. -0.000 min
Lab File: VD076871.D
Acq: 31 Jul 2023 13:38

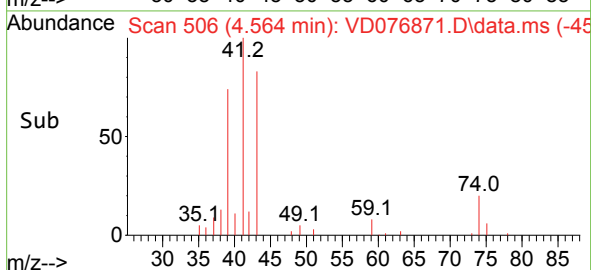
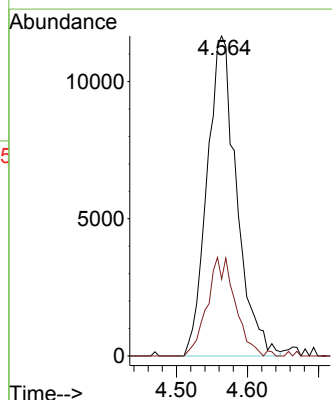
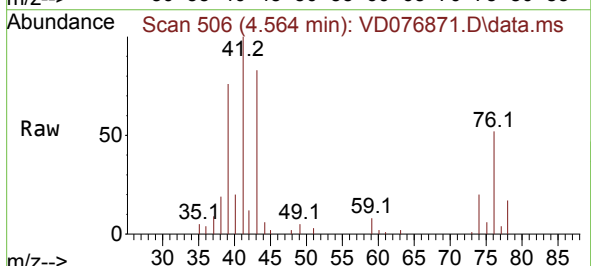
Instrument :
MSVOA_D
ClientSampleId :
VD0731SBSD01

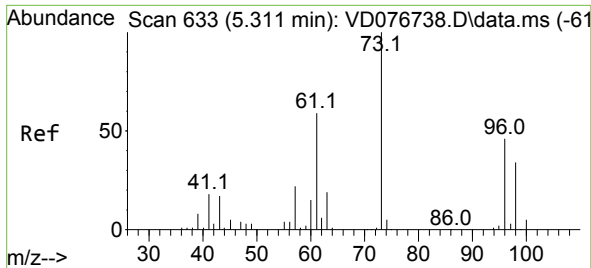
Tgt Ion: 76 Resp: 68010
Ion Ratio Lower Upper
76 100
78 9.4 6.8 10.2



#18
Methyl Acetate
Concen: 21.548 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD076871.D
Acq: 31 Jul 2023 13:38

Tgt Ion: 43 Resp: 33702
Ion Ratio Lower Upper
43 100
74 29.0 26.4 39.6

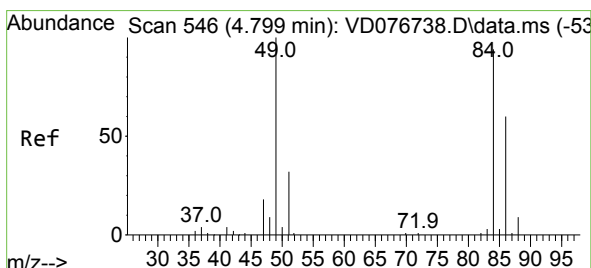
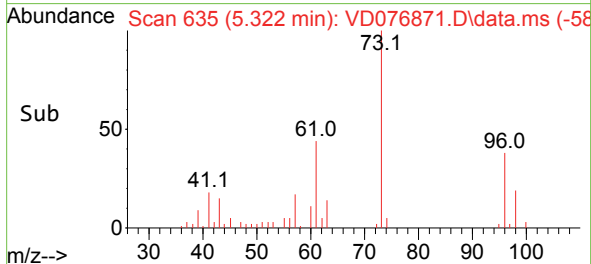
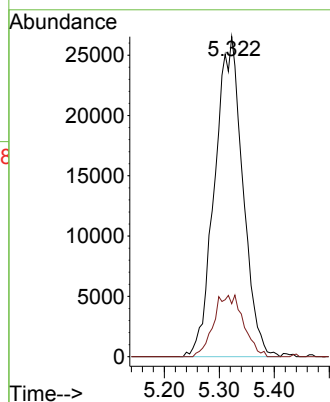
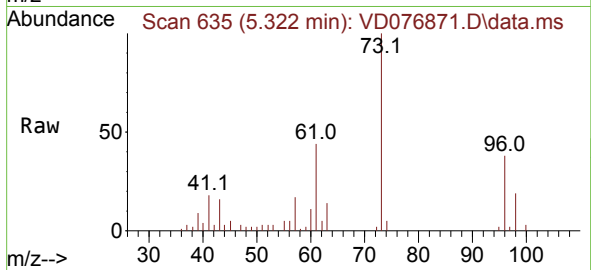




#19
Methyl tert-butyl Ether
Concen: 20.274 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.011 min
Lab File: VD076871.D
Acq: 31 Jul 2023 13:38

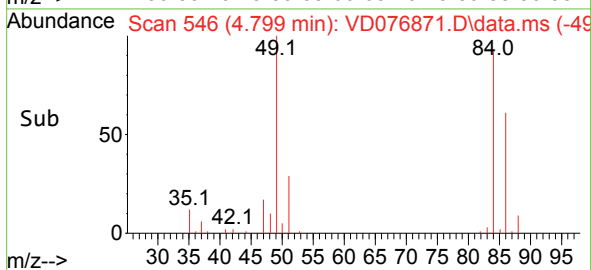
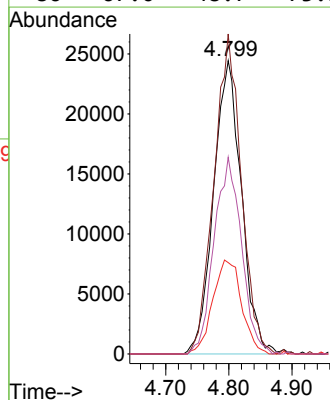
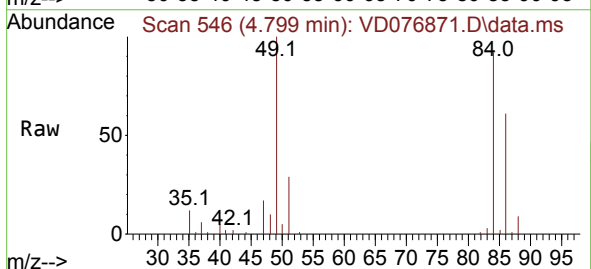
Instrument :
MSVOA_D
ClientSampleId :
VD0731SBS01

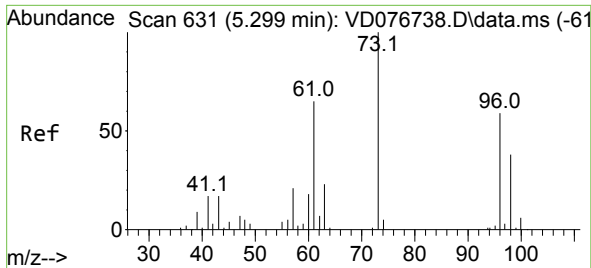
Tgt Ion: 73 Resp: 94019
Ion Ratio Lower Upper
73 100
57 16.5 16.6 25.0#



#20
Methylene Chloride
Concen: 25.022 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD076871.D
Acq: 31 Jul 2023 13:38

Tgt Ion: 84 Resp: 74778
Ion Ratio Lower Upper
84 100
49 109.1 71.4 107.2#
51 31.1 24.5 36.7
86 67.0 48.7 73.1

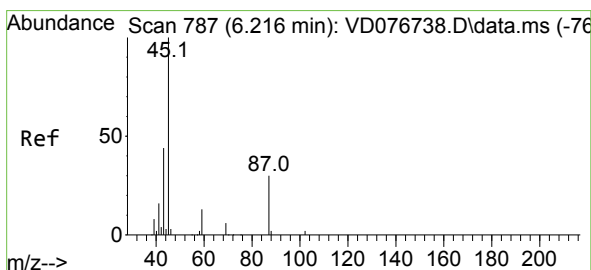
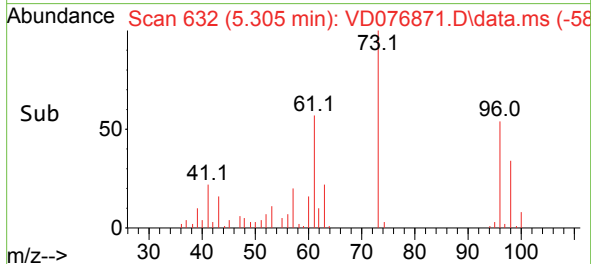
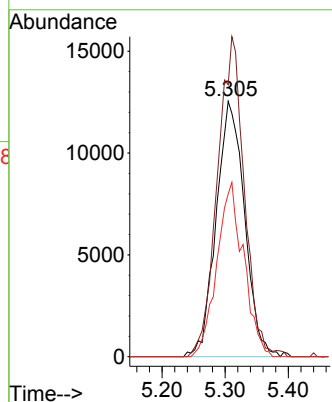
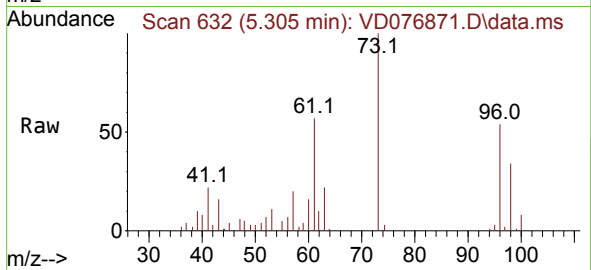




#21
trans-1,2-Dichloroethene
Concen: 19.451 ug/l
RT: 5.305 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD076871.D
Acq: 31 Jul 2023 13:38

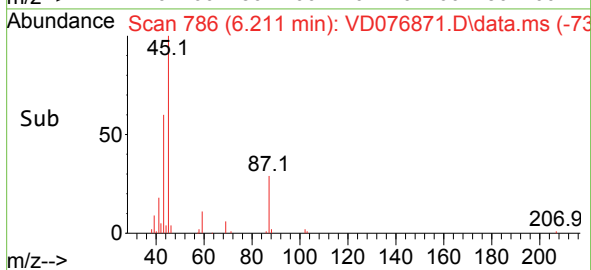
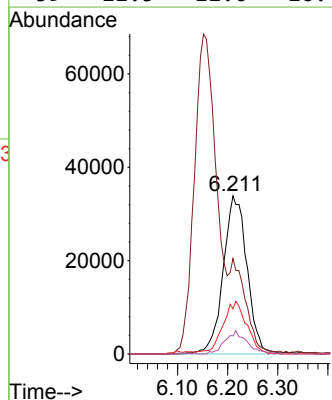
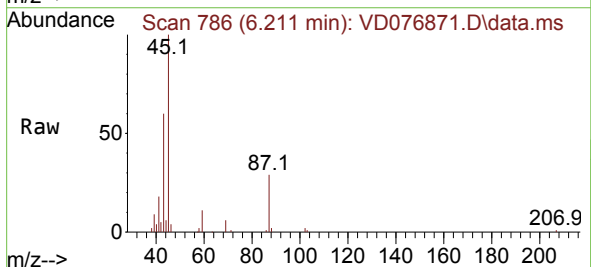
Instrument :
MSVOA_D
ClientSampleId :
VD0731SBSD01

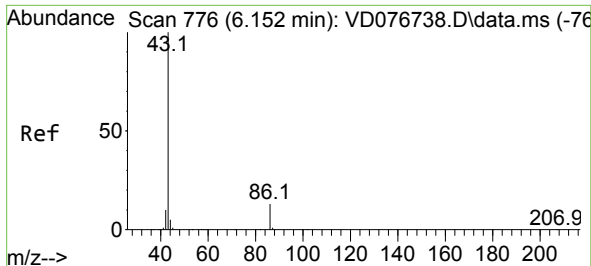
Tgt Ion: 96 Resp: 39099
Ion Ratio Lower Upper
96 100
61 106.5 89.3 133.9
98 63.7 48.6 73.0



#22
Diisopropyl ether
Concen: 20.730 ug/l
RT: 6.211 min Scan# 786
Delta R.T. -0.005 min
Lab File: VD076871.D
Acq: 31 Jul 2023 13:38

Tgt Ion: 45 Resp: 111513
Ion Ratio Lower Upper
45 100
43 58.6 40.0 60.0
87 28.7 28.2 42.4
59 11.5 11.0 16.4

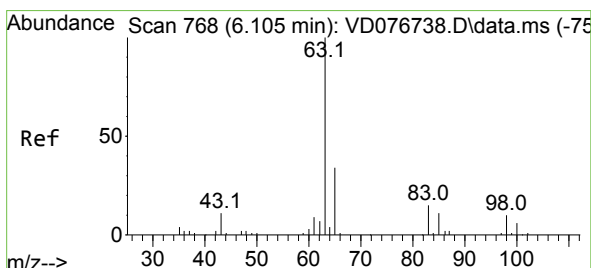
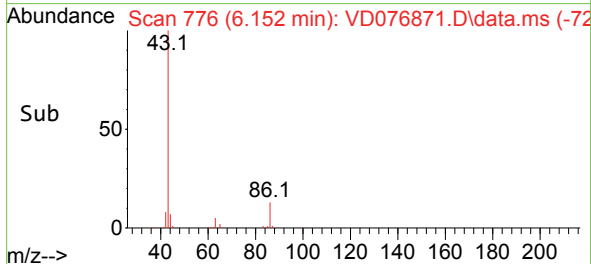
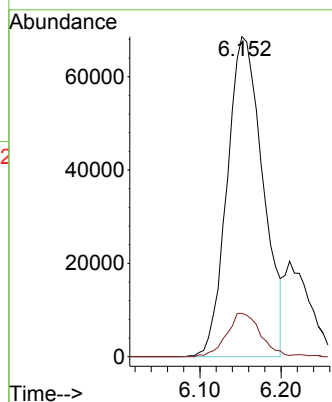
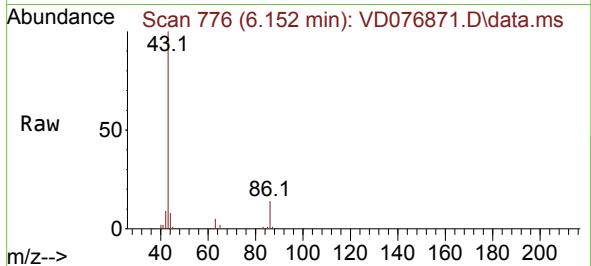




#23
 Vinyl Acetate
 Concen: 79.102 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD076871.D
 Acq: 31 Jul 2023 13:38

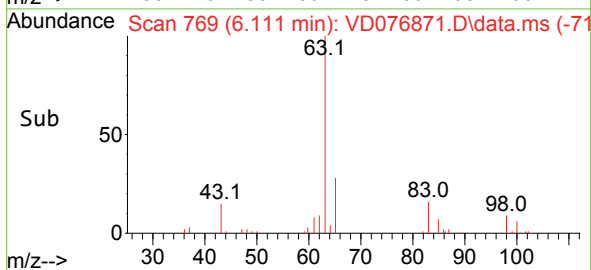
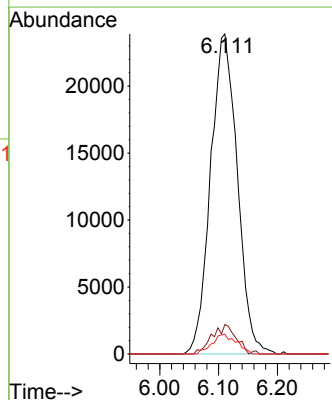
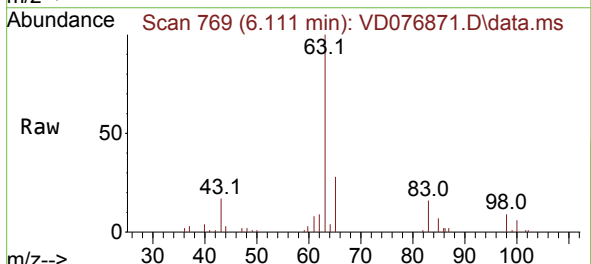
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0731SBSD01

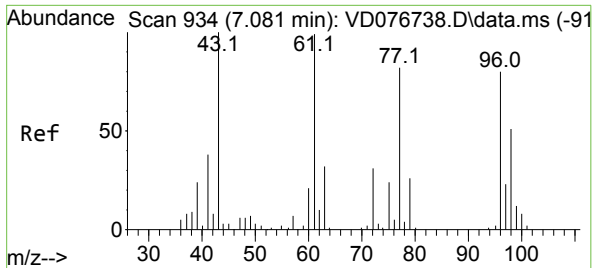
Tgt Ion: 43 Resp: 210539
 Ion Ratio Lower Upper
 43 100
 86 13.5 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 20.795 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.006 min
 Lab File: VD076871.D
 Acq: 31 Jul 2023 13:38

Tgt Ion: 63 Resp: 75421
 Ion Ratio Lower Upper
 63 100
 98 9.2 4.5 13.7
 100 6.2 2.5 7.5





#25

2-Butanone

Concen: 110.389 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD076871.D

Acq: 31 Jul 2023 13:38

Instrument :

MSVOA_D

ClientSampleId :

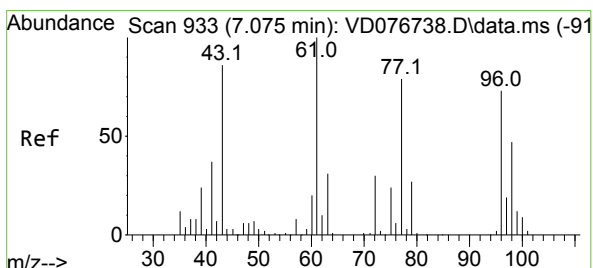
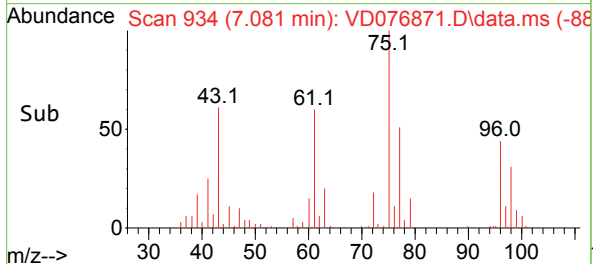
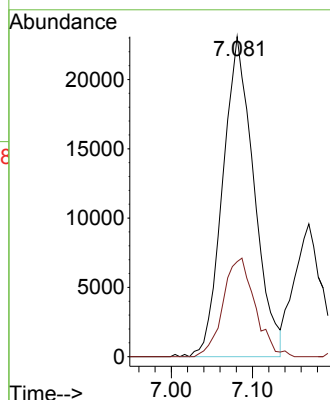
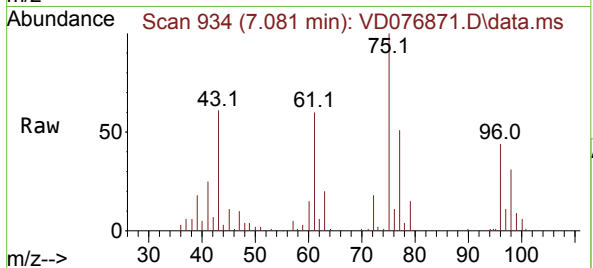
VD0731SBS01

Tgt Ion: 43 Resp: 61501

Ion Ratio Lower Upper

43 100

72 29.7 30.7 46.1#



#26

2,2-Dichloropropane

Concen: 22.215 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD076871.D

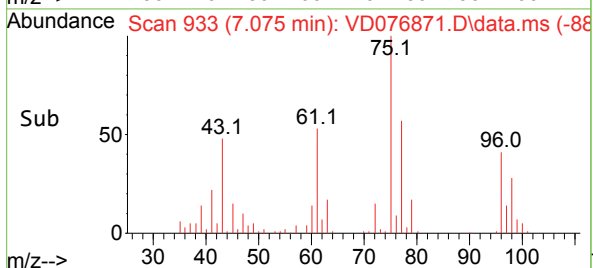
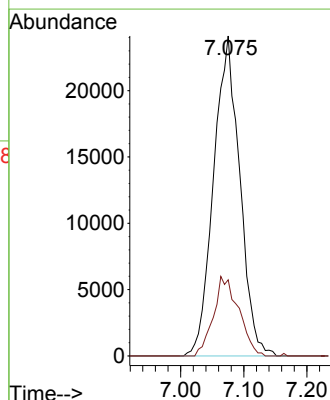
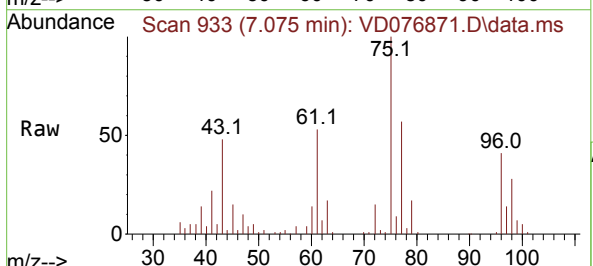
Acq: 31 Jul 2023 13:38

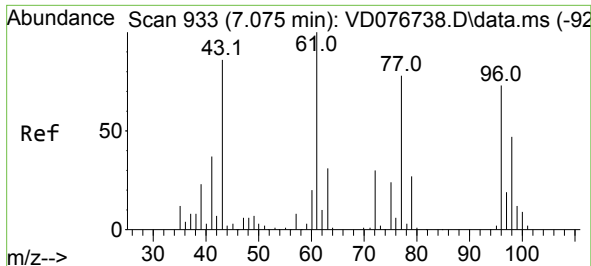
Tgt Ion: 77 Resp: 69456

Ion Ratio Lower Upper

77 100

97 24.0 13.2 39.6

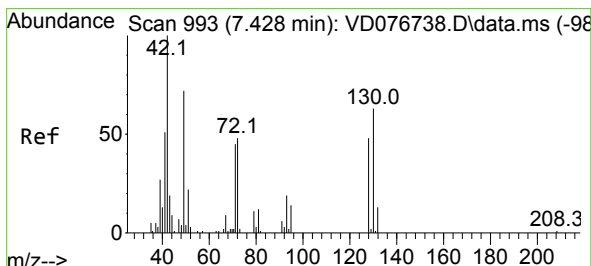
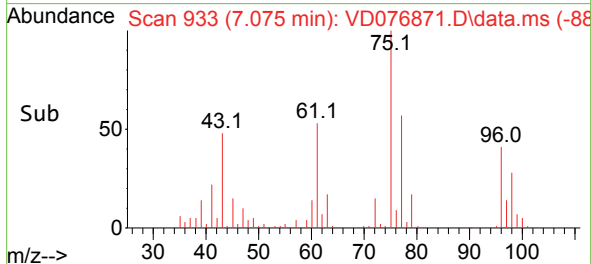
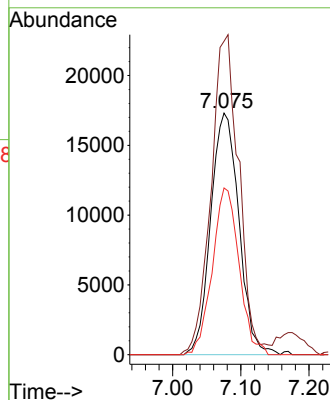
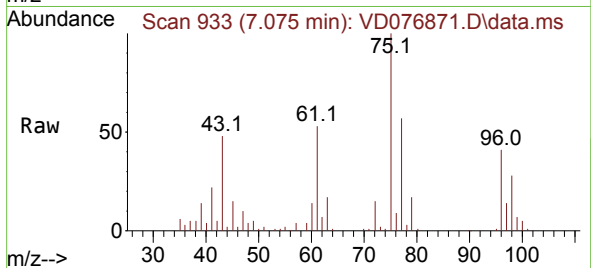




#27
 cis-1,2-Dichloroethene
 Concen: 20.112 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD076871.D
 Acq: 31 Jul 2023 13:38

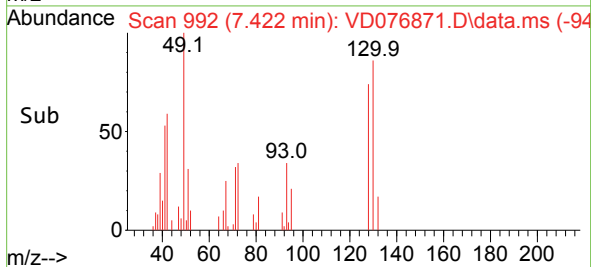
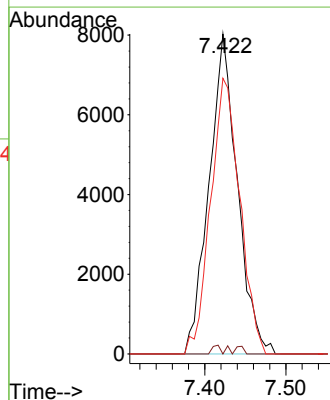
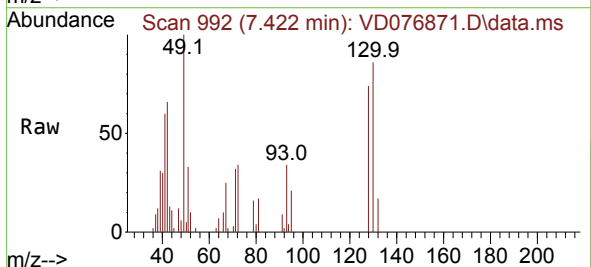
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0731SBSD01

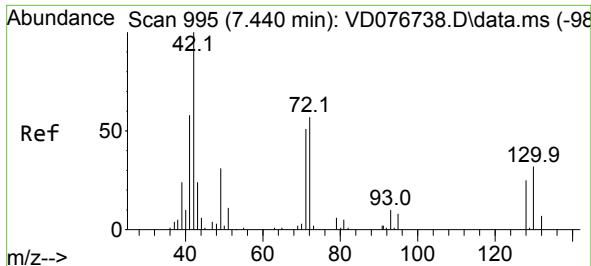
Tgt Ion: 96 Resp: 49836
 Ion Ratio Lower Upper
 96 100
 61 130.3 0.0 239.2
 98 65.4 0.0 128.6



#28
 Bromochloromethane
 Concen: 21.471 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD076871.D
 Acq: 31 Jul 2023 13:38

Tgt Ion: 49 Resp: 19469
 Ion Ratio Lower Upper
 49 100
 129 0.7 0.0 6.0
 130 88.7 83.2 124.8





#29

Tetrahydrofuran

Concen: 99.920 ug/l

RT: 7.446 min Scan# 995

Delta R.T. 0.006 min

Lab File: VD076871.D

Acq: 31 Jul 2023 13:38

Instrument :

MSVOA_D

ClientSampleId :

VD0731SBS01

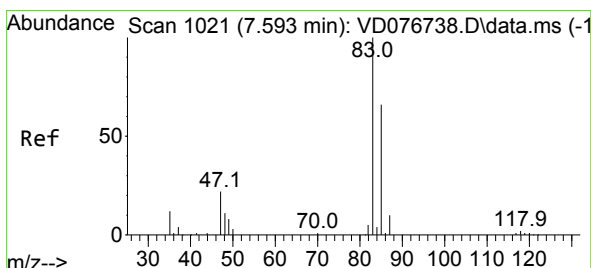
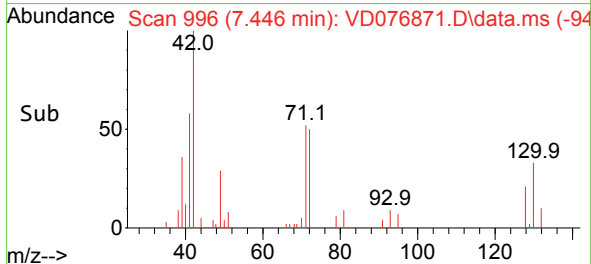
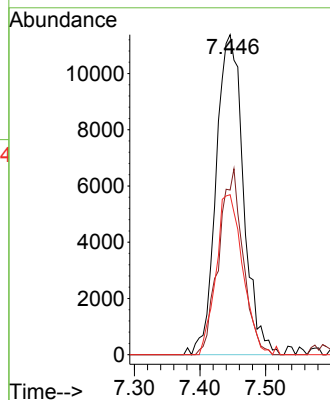
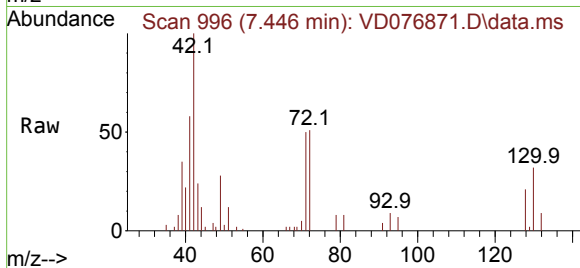
Tgt Ion: 42 Resp: 32891

Ion Ratio Lower Upper

42 100

72 51.7 46.5 69.7

71 48.9 44.5 66.7



#30

Chloroform

Concen: 21.864 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD076871.D

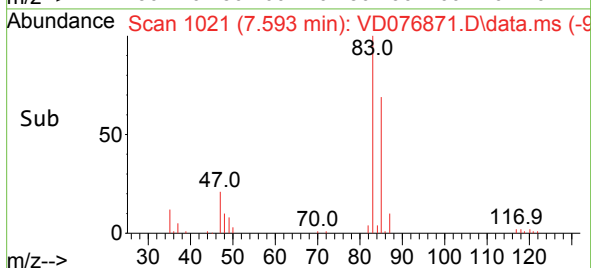
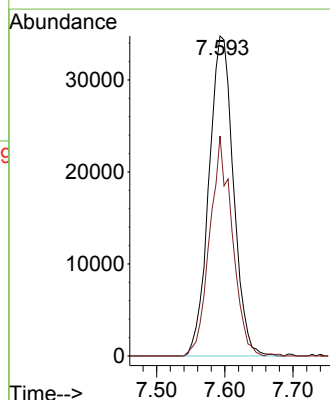
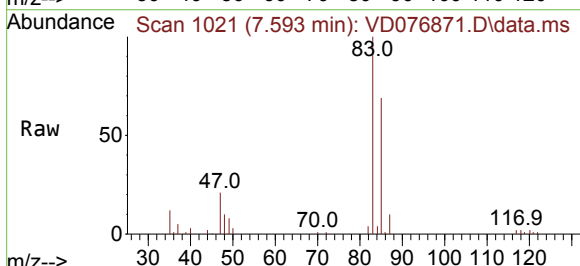
Acq: 31 Jul 2023 13:38

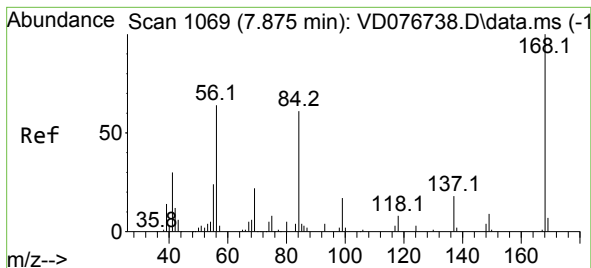
Tgt Ion: 83 Resp: 86856

Ion Ratio Lower Upper

83 100

85 68.7 53.4 80.2





#31

Cyclohexane

Concen: 19.295 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VD076871.D

Acq: 31 Jul 2023 13:38

Instrument :

MSVOA_D

ClientSampleId :

VD0731SBSD01

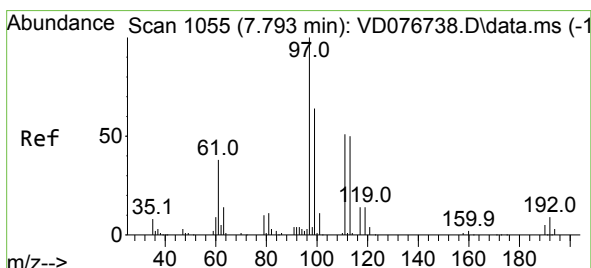
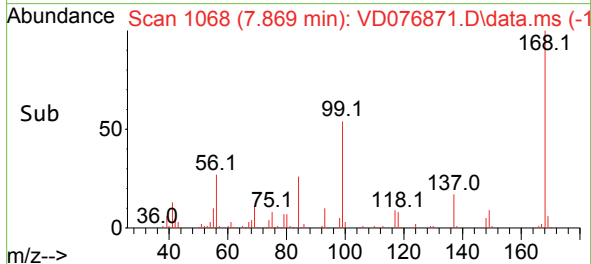
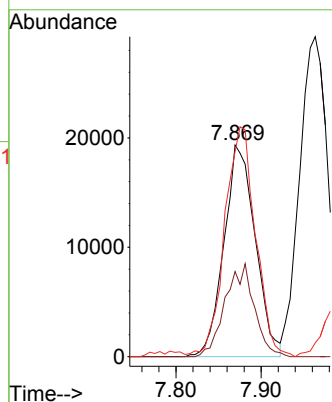
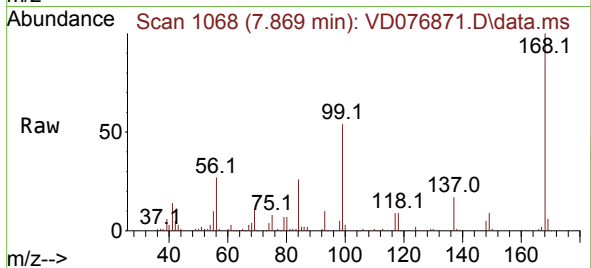
Tgt Ion: 56 Resp: 49497

Ion Ratio Lower Upper

56 100

69 40.2 28.6 43.0

84 94.6 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 22.456 ug/l

RT: 7.787 min Scan# 1054

Delta R.T. -0.006 min

Lab File: VD076871.D

Acq: 31 Jul 2023 13:38

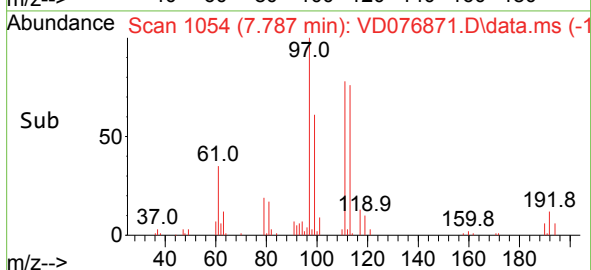
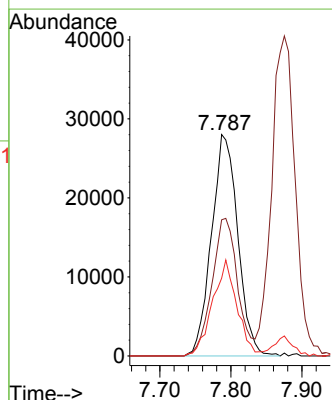
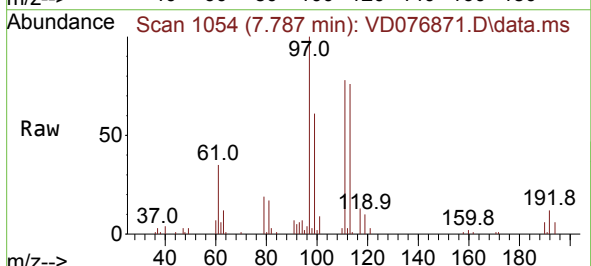
Tgt Ion: 97 Resp: 71972

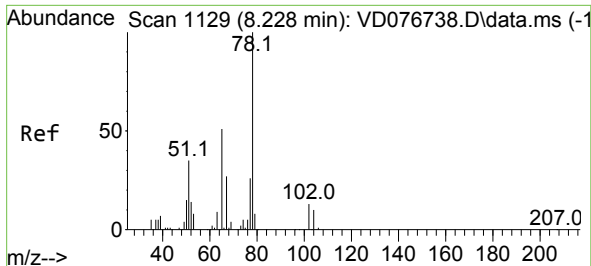
Ion Ratio Lower Upper

97 100

99 60.8 52.0 78.0

61 40.2 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 47.329 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD076871.D

Acq: 31 Jul 2023 13:38

Instrument :

MSVOA_D

ClientSampleId :

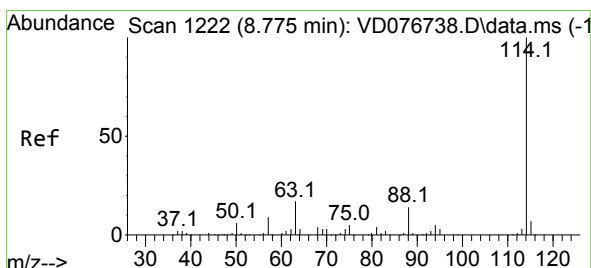
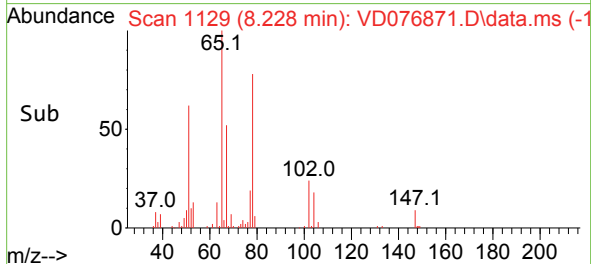
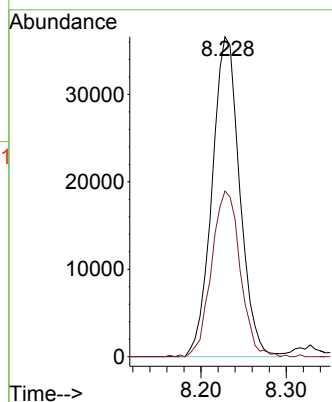
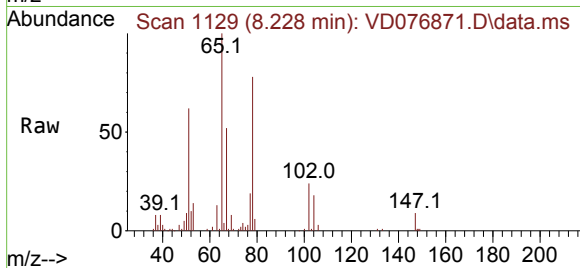
VD0731SBSD01

Tgt Ion: 65 Resp: 82498

Ion Ratio Lower Upper

65 100

67 53.7 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD076871.D

Acq: 31 Jul 2023 13:38

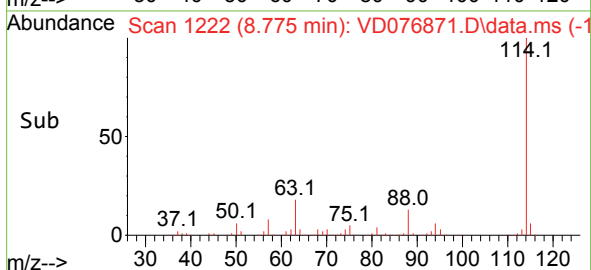
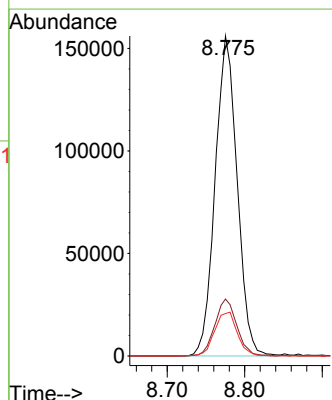
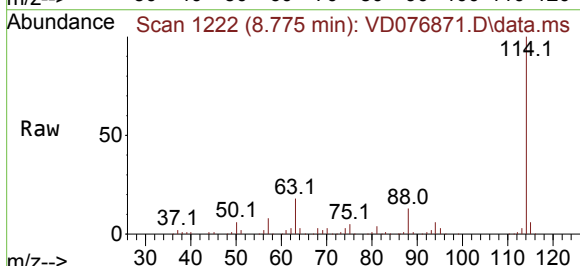
Tgt Ion: 114 Resp: 308032

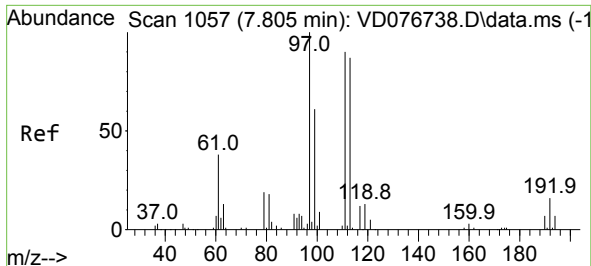
Ion Ratio Lower Upper

114 100

63 17.8 0.0 33.4

88 13.3 0.0 26.2

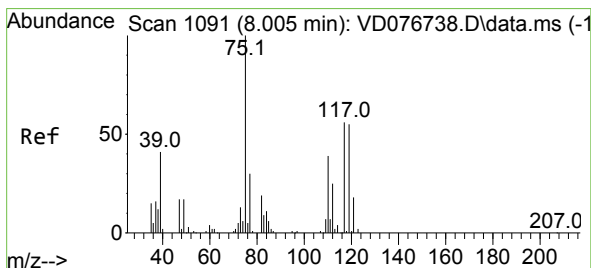
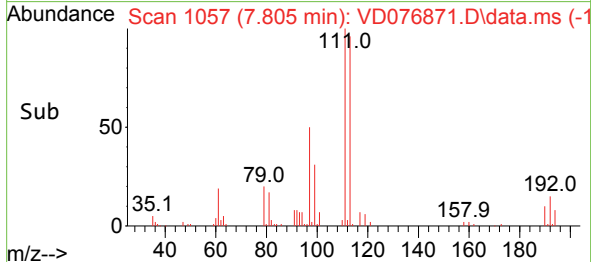
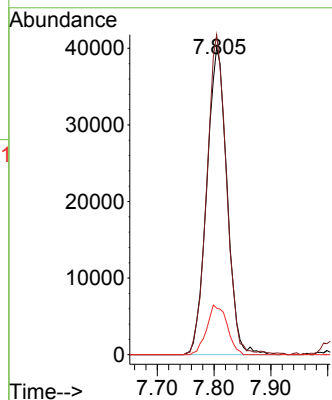
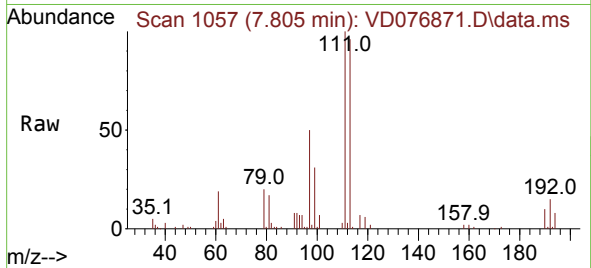




#35
Dibromofluoromethane
Concen: 51.247 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076871.D
Acq: 31 Jul 2023 13:38

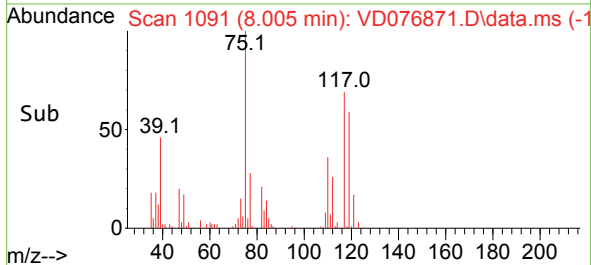
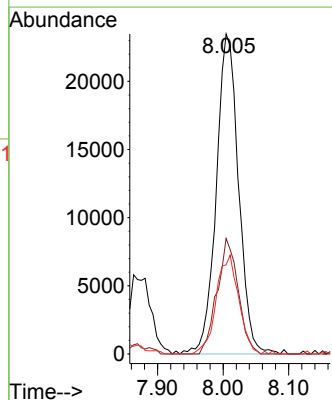
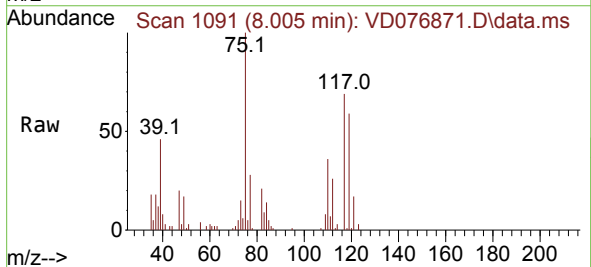
Instrument :
MSVOA_D
ClientSampleId :
VD0731SBSD01

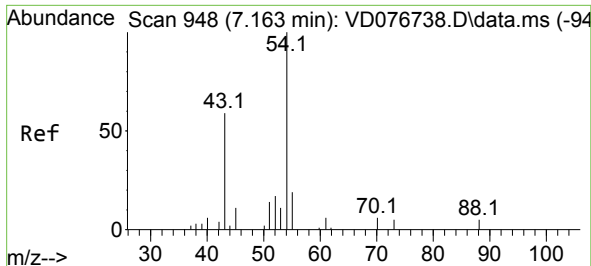
Tgt Ion:113 Resp: 99198
Ion Ratio Lower Upper
113 100
111 100.8 84.7 127.1
192 16.3 16.8 25.2#



#36
1,1-Dichloropropene
Concen: 21.899 ug/l
RT: 8.005 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VD076871.D
Acq: 31 Jul 2023 13:38

Tgt Ion: 75 Resp: 55392
Ion Ratio Lower Upper
75 100
110 34.0 19.9 59.6
77 31.3 24.7 37.1





#37

Ethyl Acetate

Concen: 20.358 ug/l

RT: 7.169 min Scan# 94

Delta R.T. 0.006 min

Lab File: VD076871.D

Acq: 31 Jul 2023 13:38

Instrument :

MSVOA_D

ClientSampleId :

VD0731SBSD01

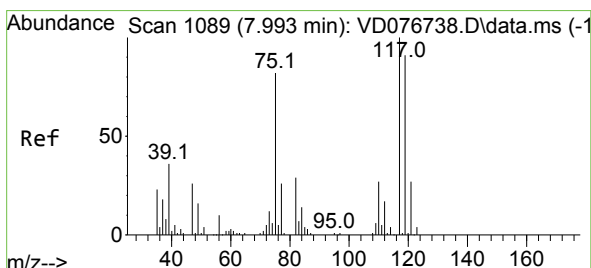
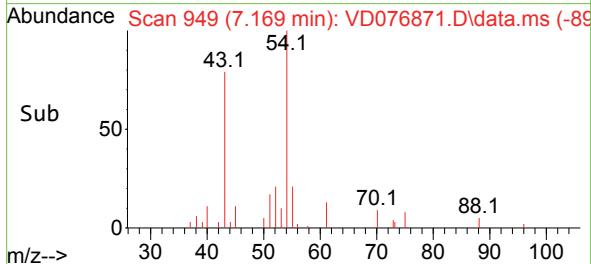
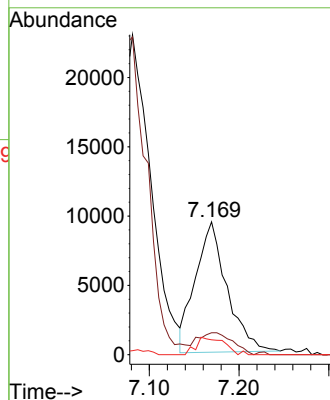
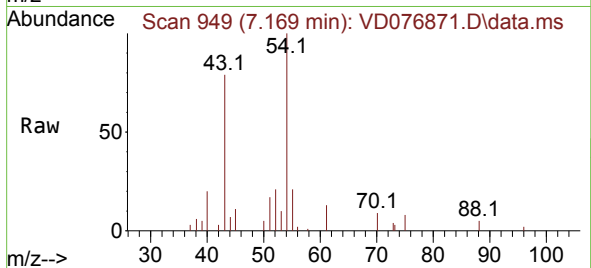
Tgt Ion: 43 Resp: 23029

Ion Ratio Lower Upper

43 100

61 18.3 14.9 22.3

70 11.9 10.0 15.0



#38

Carbon Tetrachloride

Concen: 23.229 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD076871.D

Acq: 31 Jul 2023 13:38

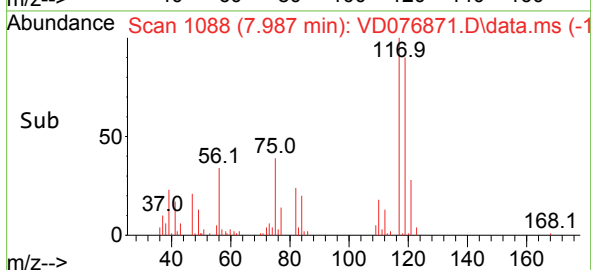
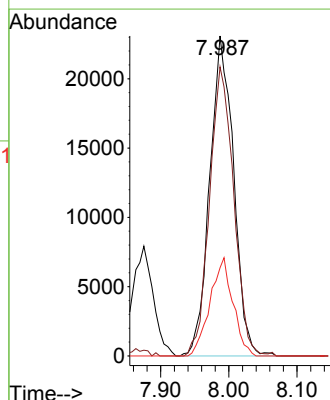
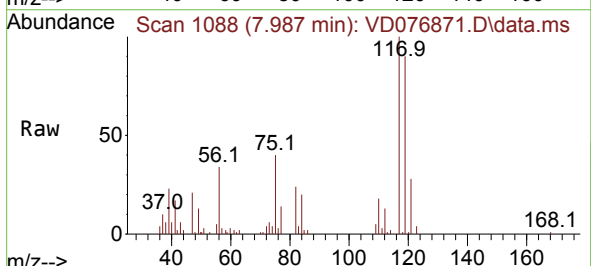
Tgt Ion: 117 Resp: 56260

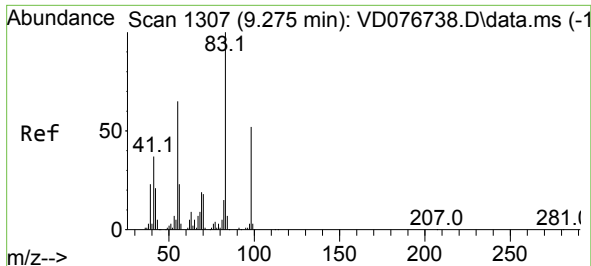
Ion Ratio Lower Upper

117 100

119 90.4 78.0 117.0

121 27.5 24.2 36.2





#39

Methylcyclohexane

Concen: 19.870 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD076871.D

Acq: 31 Jul 2023 13:38

Instrument :

MSVOA_D

ClientSampleId :

VD0731SBSD01

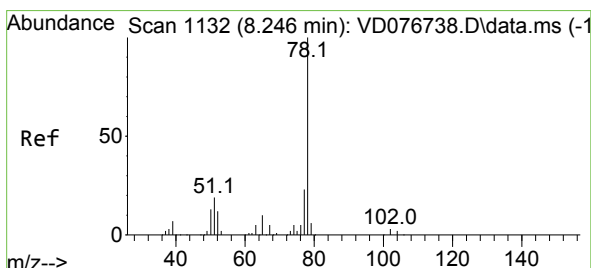
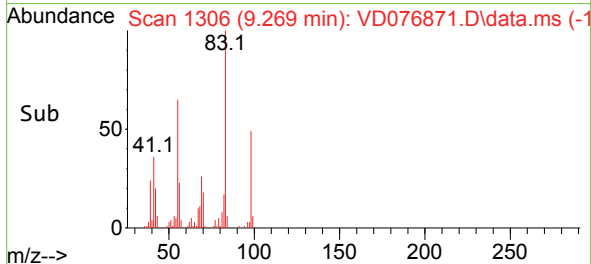
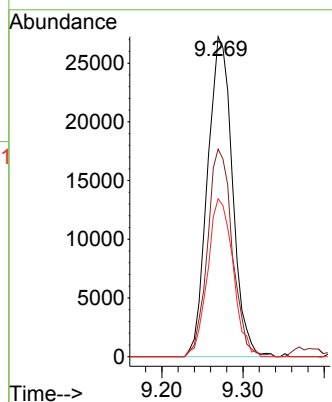
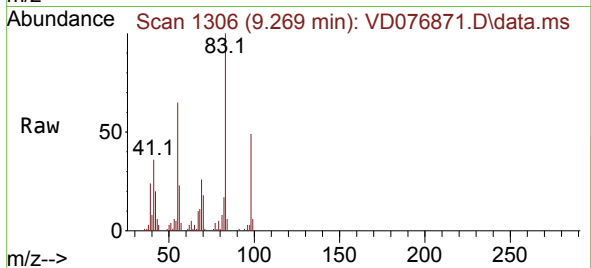
Tgt Ion: 83 Resp: 58034

Ion Ratio Lower Upper

83 100

55 64.9 49.4 74.0

98 49.4 38.4 57.6



#40

Benzene

Concen: 21.356 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VD076871.D

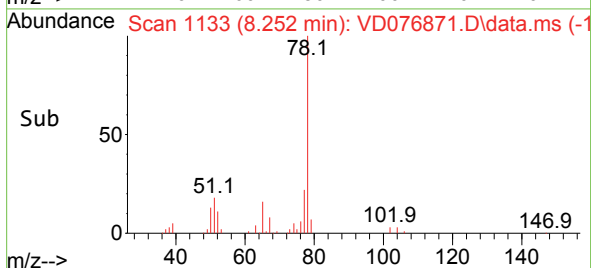
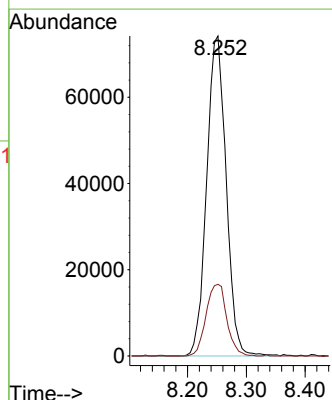
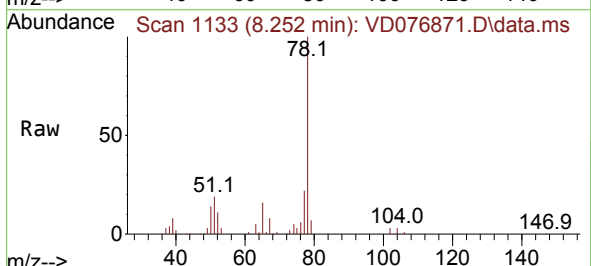
Acq: 31 Jul 2023 13:38

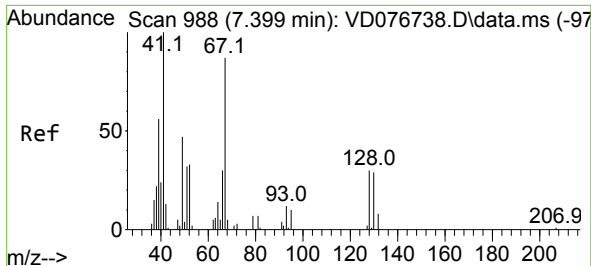
Tgt Ion: 78 Resp: 170440

Ion Ratio Lower Upper

78 100

77 22.4 19.4 29.0

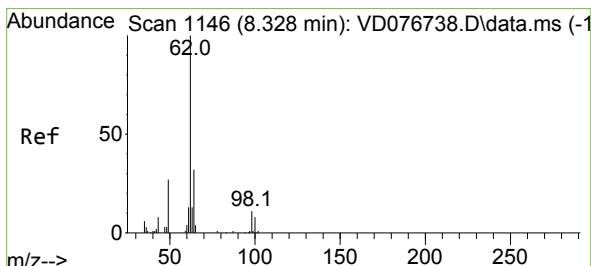
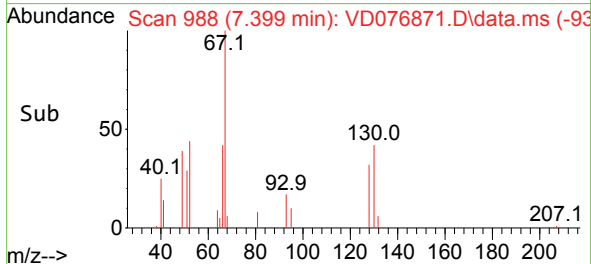
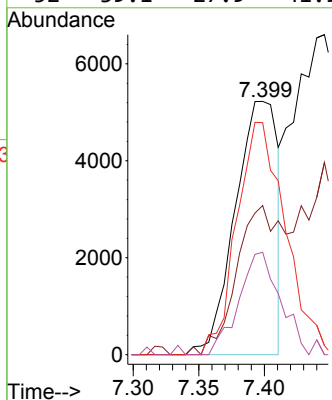
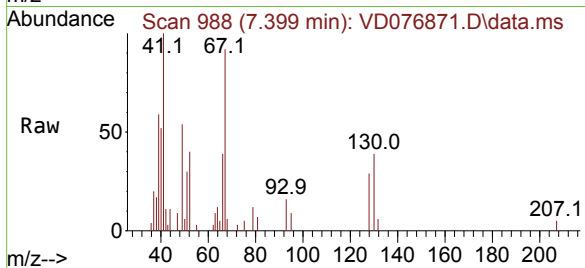




#41
Methacrylonitrile
Concen: 17.088 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076871.D
Acq: 31 Jul 2023 13:38

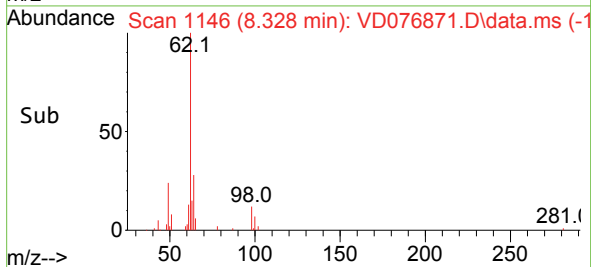
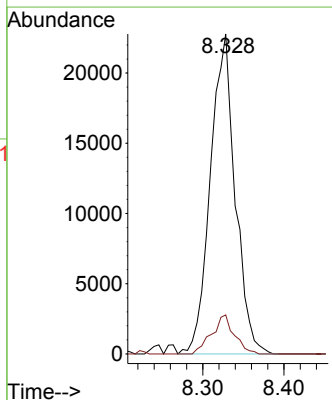
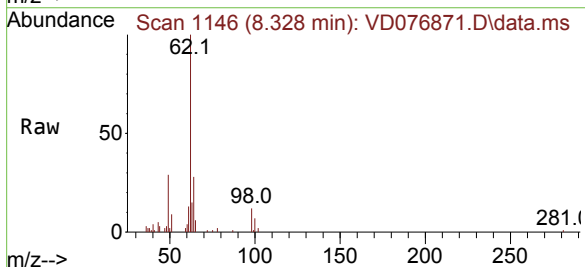
Instrument :
MSVOA_D
ClientSampleId :
VD0731SBSD01

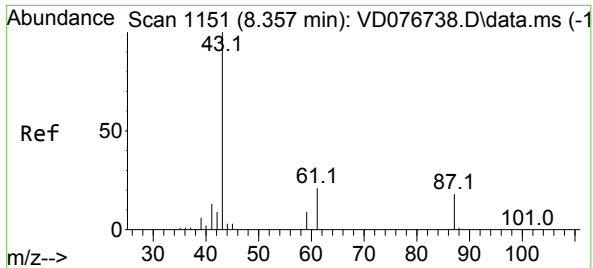
Tgt Ion: 41 Resp: 11804
Ion Ratio Lower Upper
41 100
39 63.8 34.0 51.0#
67 105.2 77.0 115.4
52 39.1 27.9 41.9



#42
1,2-Dichloroethane
Concen: 23.330 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD076871.D
Acq: 31 Jul 2023 13:38

Tgt Ion: 62 Resp: 48380
Ion Ratio Lower Upper
62 100
98 11.1 0.0 25.4

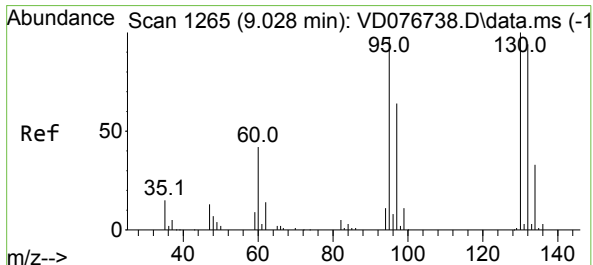
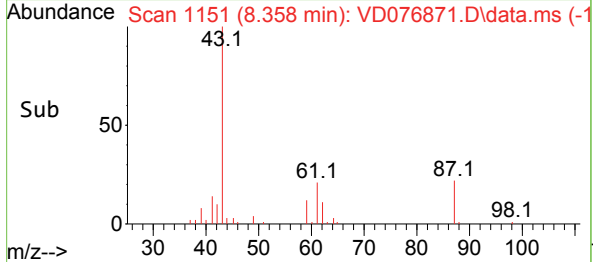
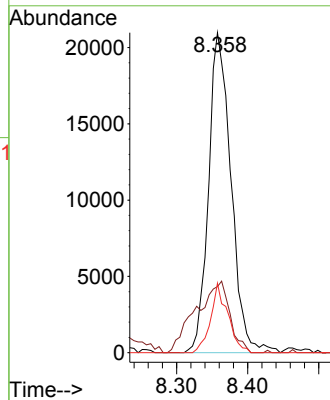
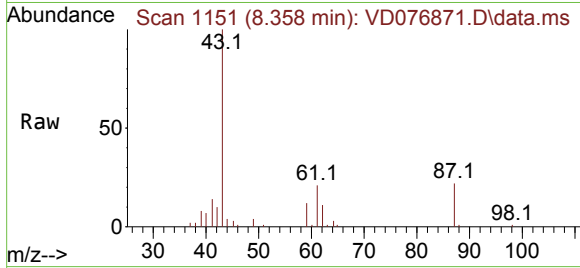




#43
Isopropyl Acetate
Concen: 20.882 ug/l
RT: 8.358 min Scan# 1151
Delta R.T. 0.001 min
Lab File: VD076871.D
Acq: 31 Jul 2023 13:38

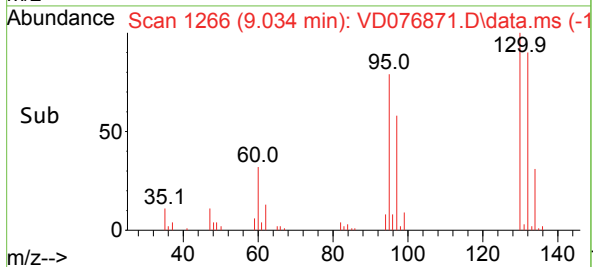
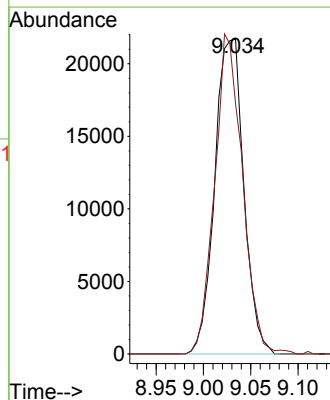
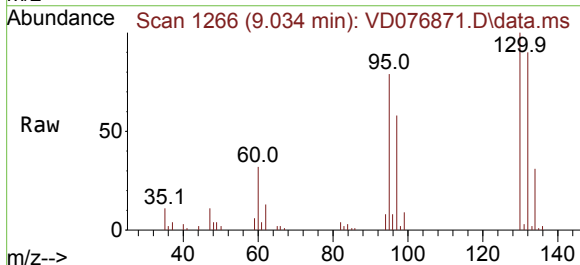
Instrument :
MSVOA_D
ClientSampleId :
VD0731SBSD01

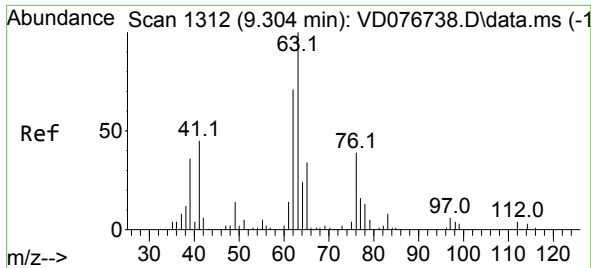
Tgt Ion: 43	Resp: 46100
Ion Ratio	Lower Upper
43 100	
61 33.6	31.4 47.0
87 16.7	14.9 22.3



#44
Trichloroethene
Concen: 21.282 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD076871.D
Acq: 31 Jul 2023 13:38

Tgt Ion:130	Resp:	46284	
Ion	Ratio	Lower	Upper
130	100		
95	79.5	0.0	179.2

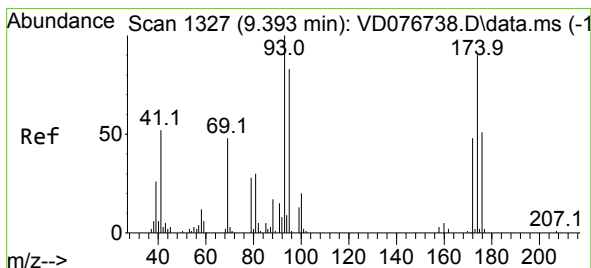
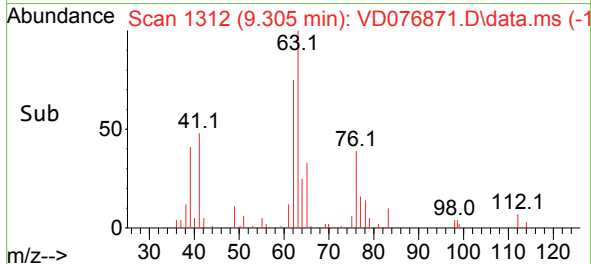
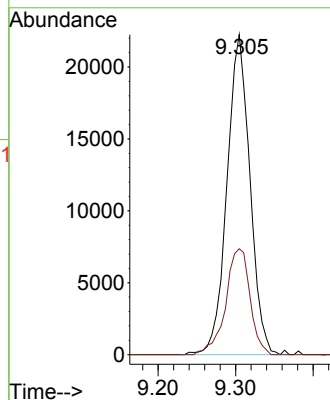
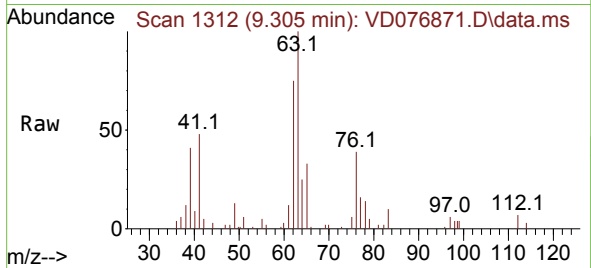




#45
1,2-Dichloropropane
Concen: 22.247 ug/l
RT: 9.305 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD076871.D
Acq: 31 Jul 2023 13:38

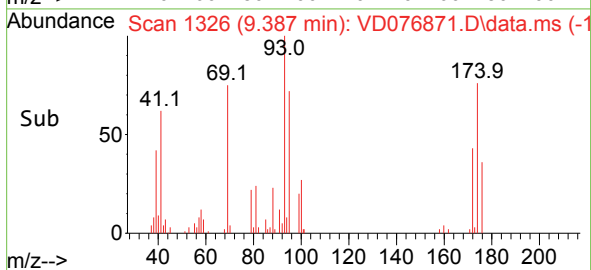
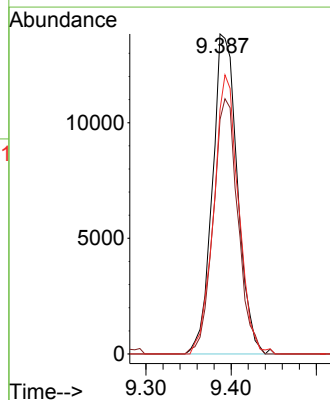
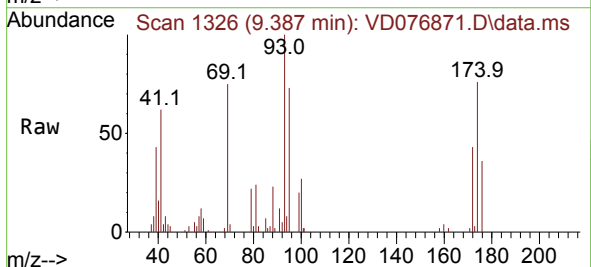
Instrument :
MSVOA_D
ClientSampleId :
VD0731SBSD01

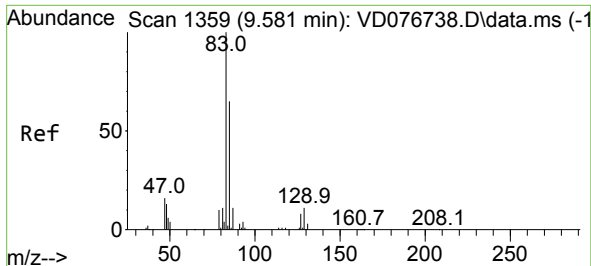
Tgt Ion: 63 Resp: 45832
Ion Ratio Lower Upper
63 100
65 33.1 24.5 36.7



#46
Dibromomethane
Concen: 23.397 ug/l
RT: 9.387 min Scan# 1326
Delta R.T. -0.006 min
Lab File: VD076871.D
Acq: 31 Jul 2023 13:38

Tgt Ion: 93 Resp: 28215
Ion Ratio Lower Upper
93 100
95 78.7 67.7 101.5
174 86.2 85.4 128.2





#47

Bromodichloromethane

Concen: 21.931 ug/l

RT: 9.587 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD076871.D

Acq: 31 Jul 2023 13:38

Instrument :

MSVOA_D

ClientSampleId :

VD0731SBSD01

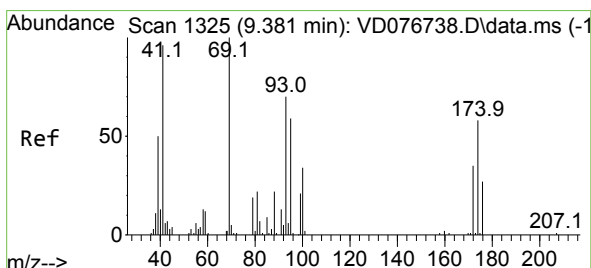
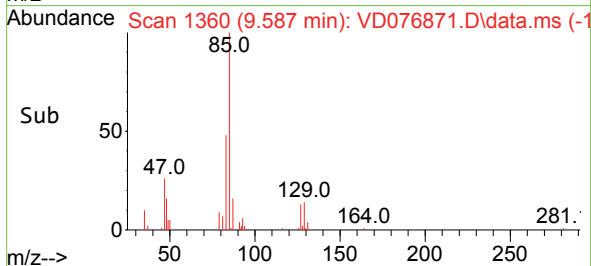
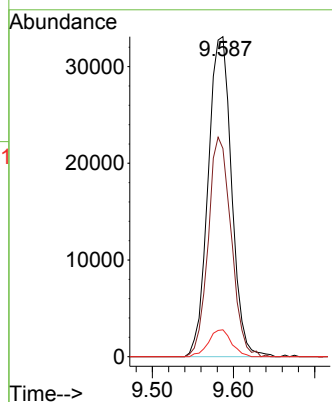
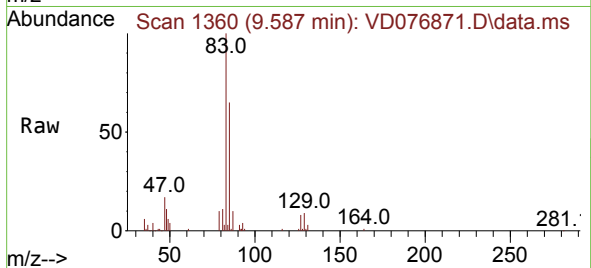
Tgt Ion: 83 Resp: 66367

Ion Ratio Lower Upper

83 100

85 65.0 50.2 75.4

127 8.4 6.3 9.5



#48

Methyl methacrylate

Concen: 18.925 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.000 min

Lab File: VD076871.D

Acq: 31 Jul 2023 13:38

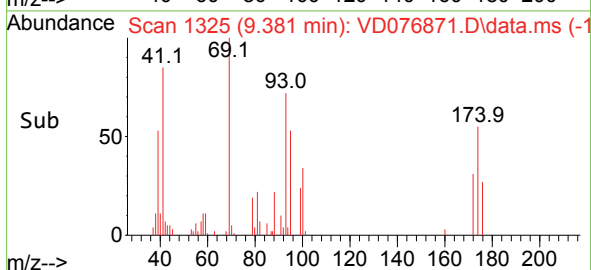
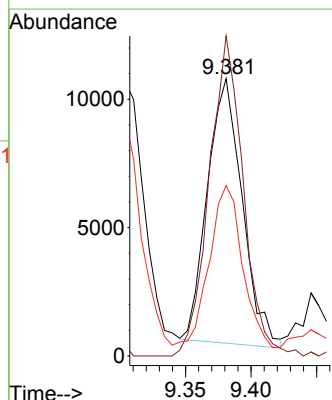
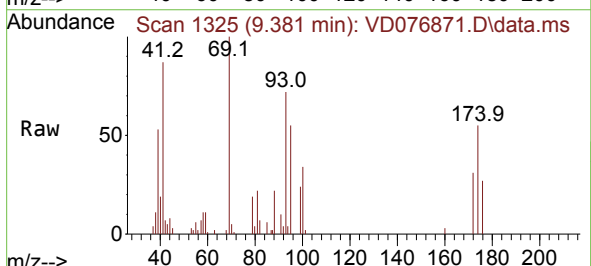
Tgt Ion: 41 Resp: 19015

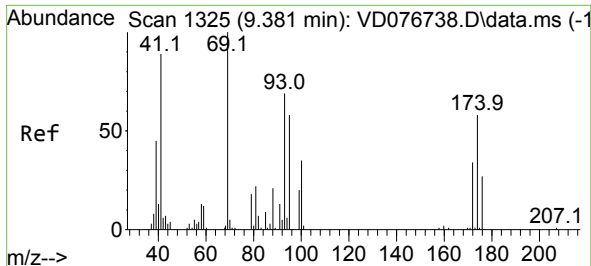
Ion Ratio Lower Upper

41 100

69 118.6 102.2 153.2

39 66.7 41.4 62.2#





#49

1,4-Dioxane

Concen: 427.440 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD076871.D

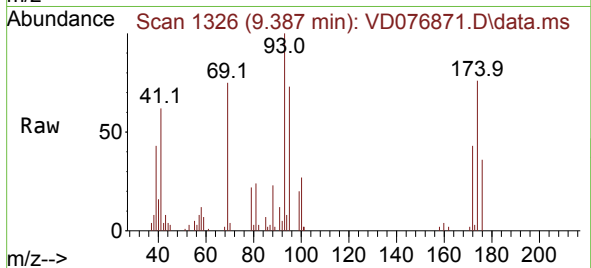
Acq: 31 Jul 2023 13:38

Instrument :

MSVOA_D

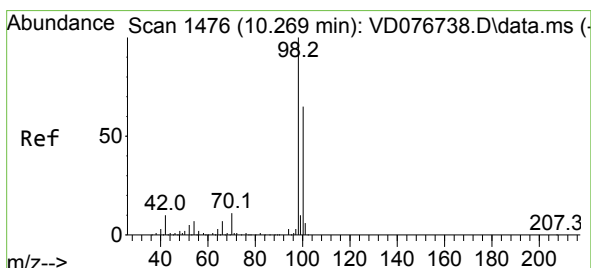
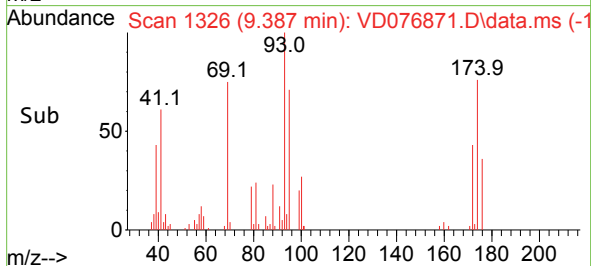
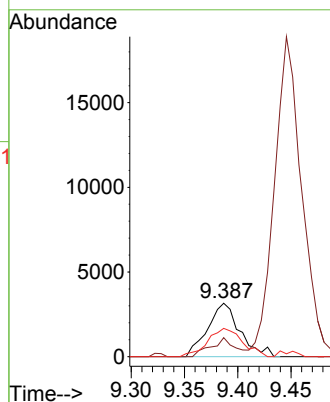
ClientSampleId :

VD0731SBSD01



Tgt Ion: 88 Resp: 6604

Ion	Ratio	Lower	Upper
88	100		
43	27.8	19.0	28.6
58	57.3	43.5	65.3



#50

Toluene-d8

Concen: 46.387 ug/l

RT: 10.269 min Scan# 1476

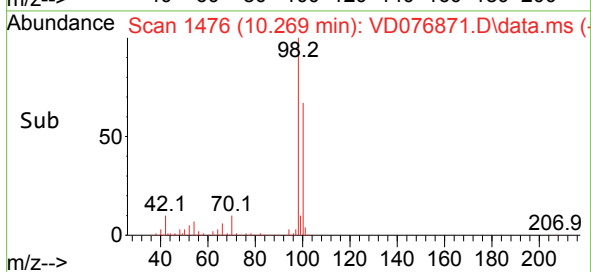
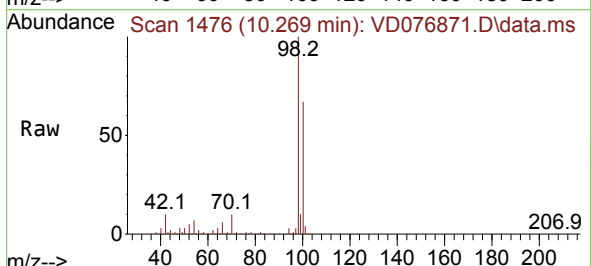
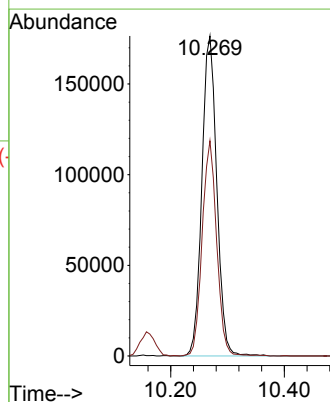
Delta R.T. 0.000 min

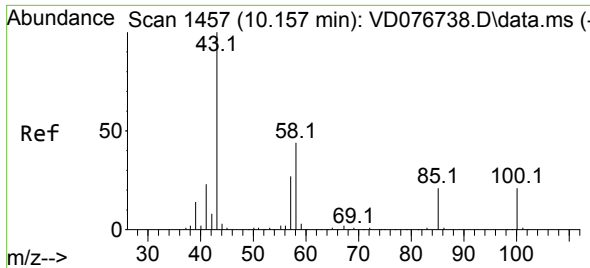
Lab File: VD076871.D

Acq: 31 Jul 2023 13:38

Tgt Ion: 98 Resp: 321219

Ion	Ratio	Lower	Upper
98	100		
100	65.6	50.3	75.5

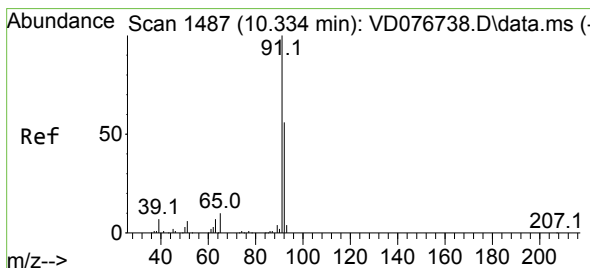
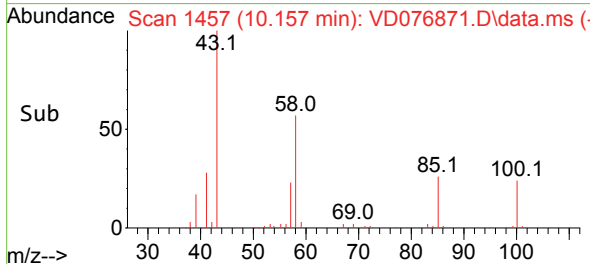
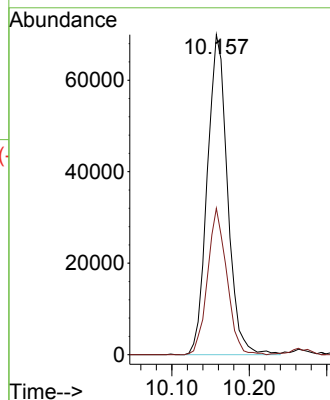
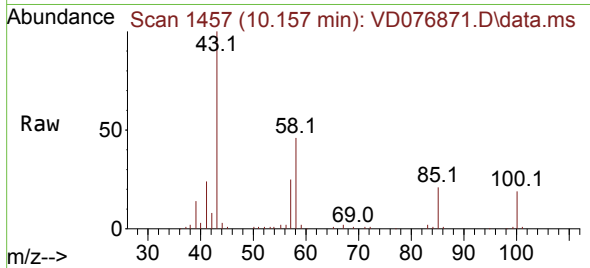




#51
4-Methyl-2-Pentanone
Concen: 107.995 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076871.D
Acq: 31 Jul 2023 13:38

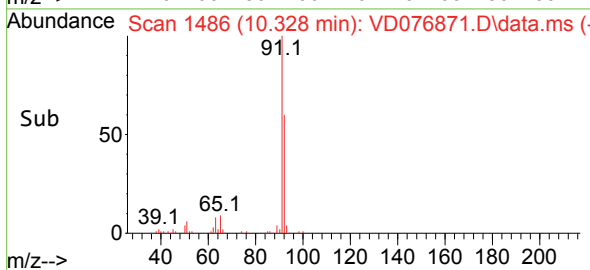
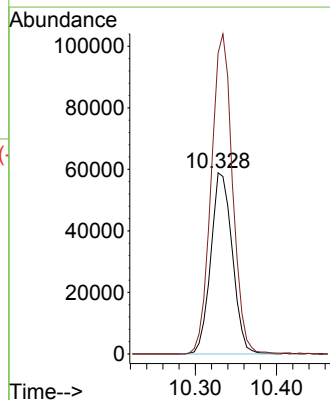
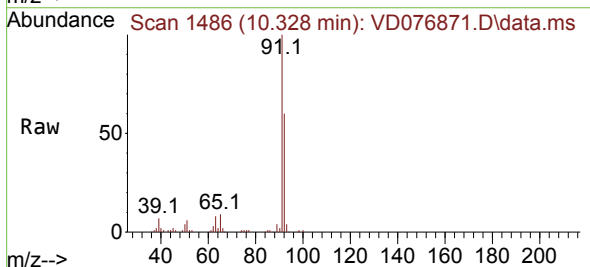
Instrument :
MSVOA_D
ClientSampleId :
VD0731SBSD01

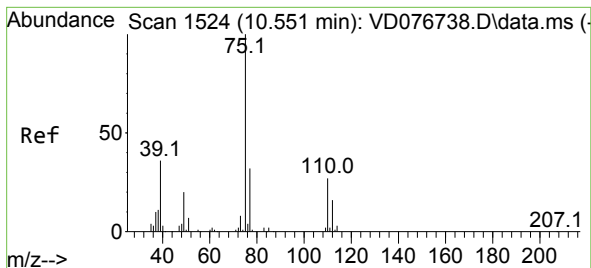
Tgt Ion: 43 Resp: 126938
Ion Ratio Lower Upper
43 100
58 43.5 38.9 58.3



#52
Toluene
Concen: 20.696 ug/l
RT: 10.328 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VD076871.D
Acq: 31 Jul 2023 13:38

Tgt Ion: 92 Resp: 108484
Ion Ratio Lower Upper
92 100
91 175.2 143.0 214.4

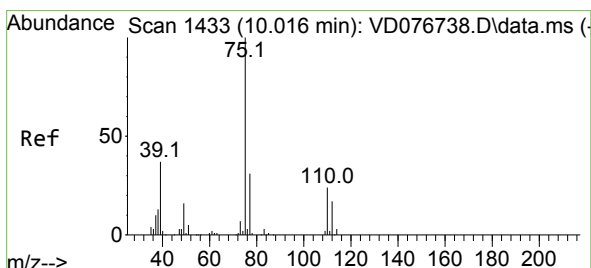
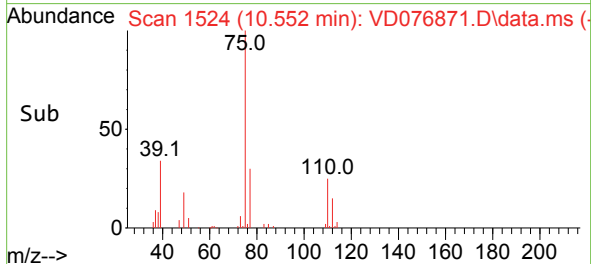
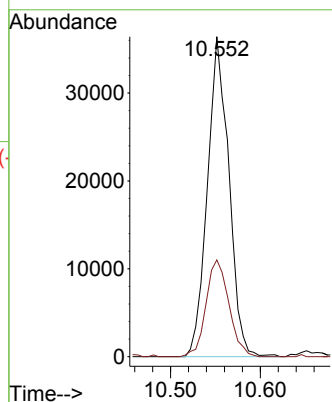
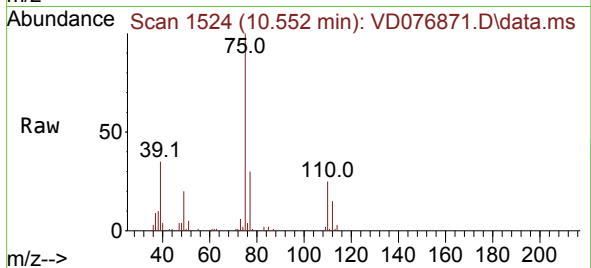




#53
t-1,3-Dichloropropene
Concen: 21.557 ug/l
RT: 10.552 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD076871.D
Acq: 31 Jul 2023 13:38

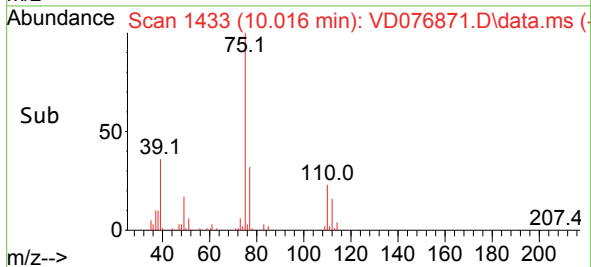
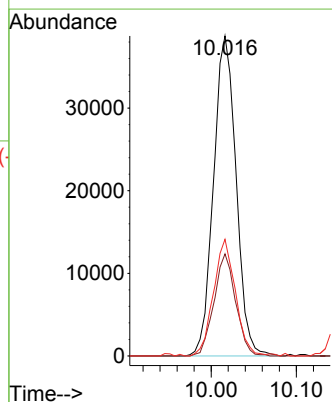
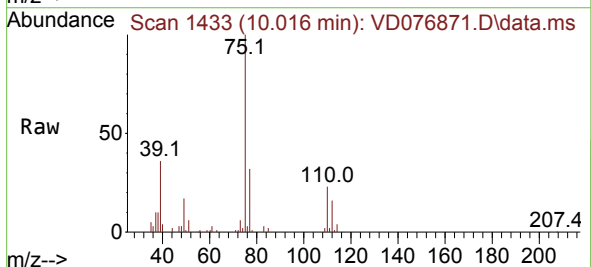
Instrument :
MSVOA_D
ClientSampleId :
VD0731SBSD01

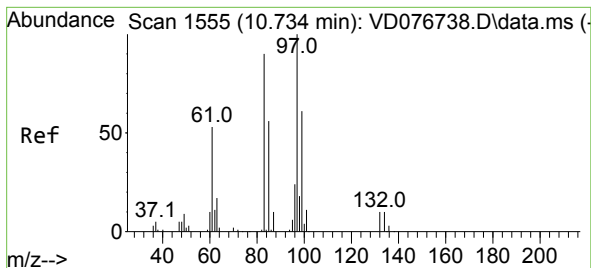
Tgt Ion: 75 Resp: 60550
Ion Ratio Lower Upper
75 100
77 30.3 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 21.562 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076871.D
Acq: 31 Jul 2023 13:38

Tgt Ion: 75 Resp: 71377
Ion Ratio Lower Upper
75 100
77 31.9 25.5 38.3
39 36.4 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 22.149 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD076871.D

Acq: 31 Jul 2023 13:38

Instrument :

MSVOA_D

ClientSampleId :

VD0731SBS01

Tgt Ion: 97 Resp: 39002

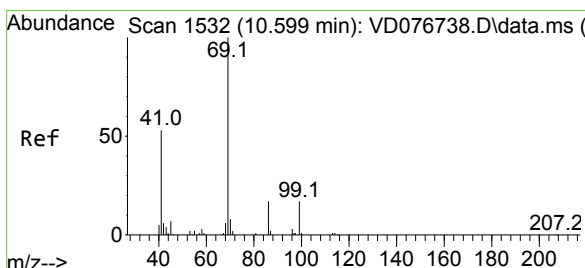
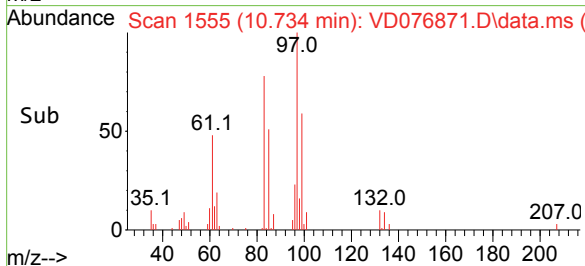
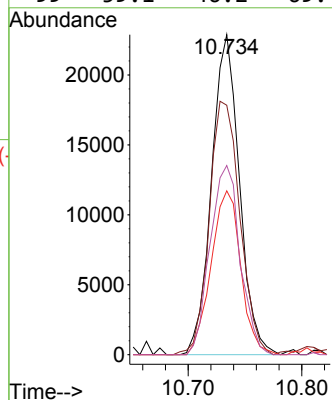
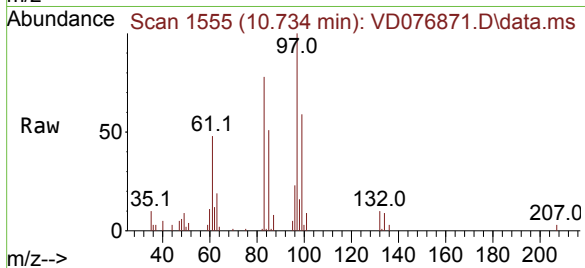
Ion Ratio Lower Upper

97 100

83 77.2 65.8 98.6

85 51.2 45.7 68.5

99 59.1 46.2 69.4



#56

Ethyl methacrylate

Concen: 20.160 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. -0.000 min

Lab File: VD076871.D

Acq: 31 Jul 2023 13:38

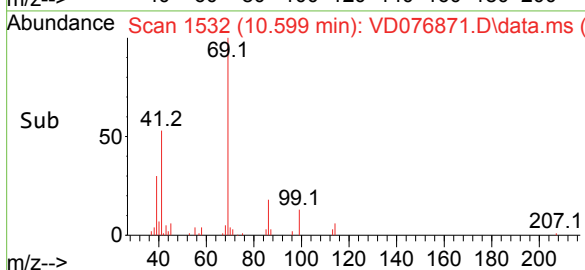
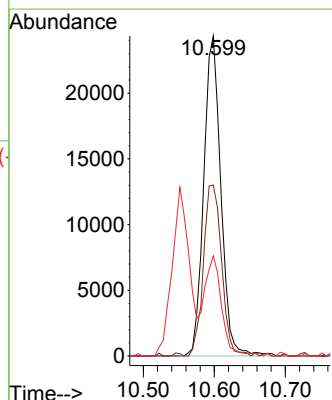
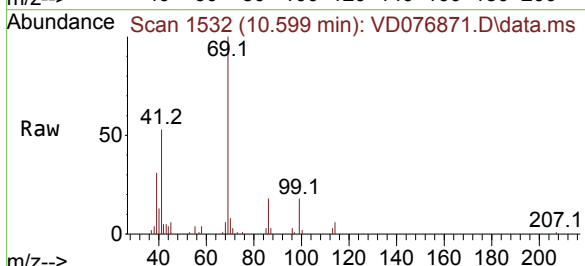
Tgt Ion: 69 Resp: 40974

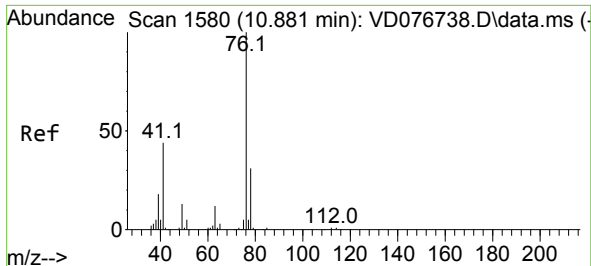
Ion Ratio Lower Upper

69 100

41 56.6 39.1 58.7

39 30.3 20.0 30.0#





#57

1,3-Dichloropropane

Concen: 21.645 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. -0.006 min

Lab File: VD076871.D

Acq: 31 Jul 2023 13:38

Instrument :

MSVOA_D

ClientSampleId :

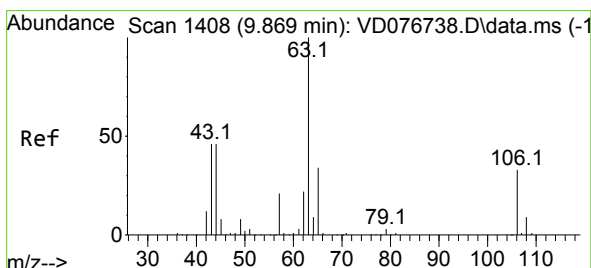
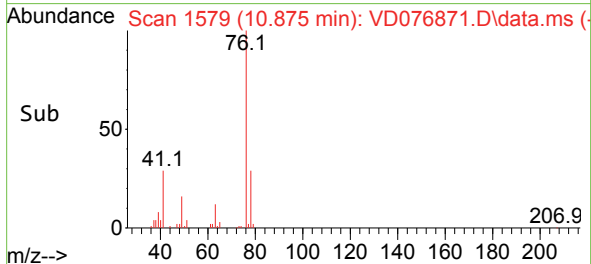
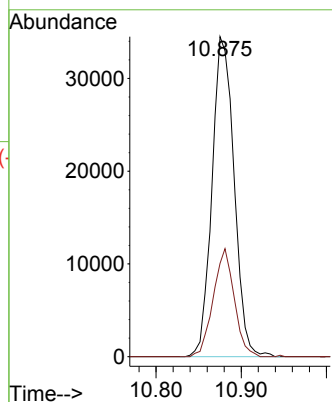
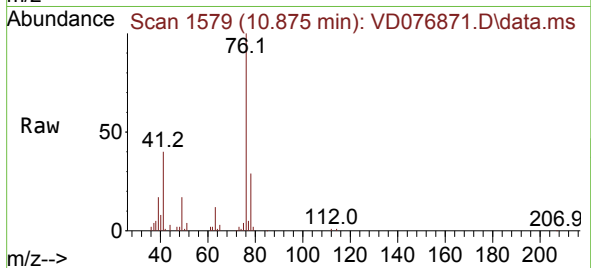
VD0731SBS01

Tgt Ion: 76 Resp: 62071

Ion Ratio Lower Upper

76 100

78 32.1 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 110.356 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD076871.D

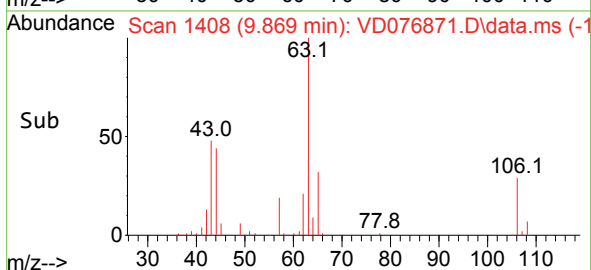
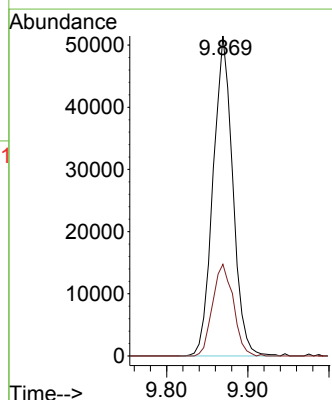
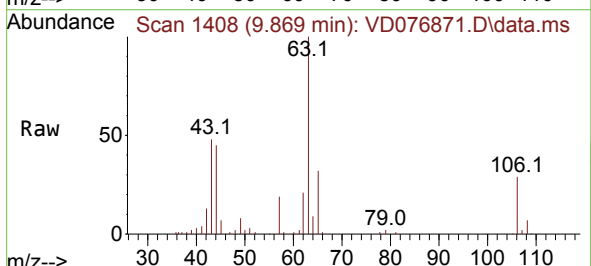
Acq: 31 Jul 2023 13:38

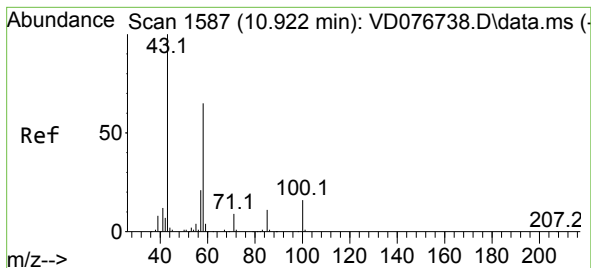
Tgt Ion: 63 Resp: 86819

Ion Ratio Lower Upper

63 100

106 30.2 25.3 37.9

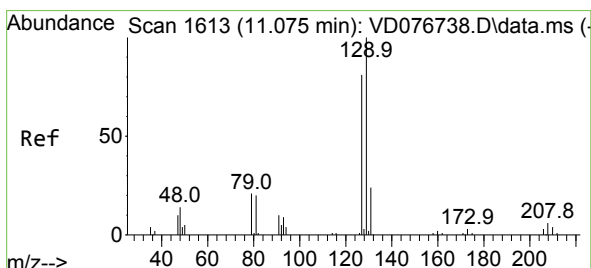
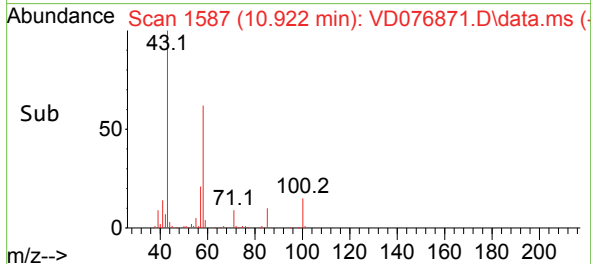
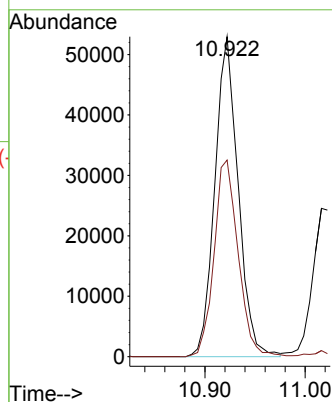
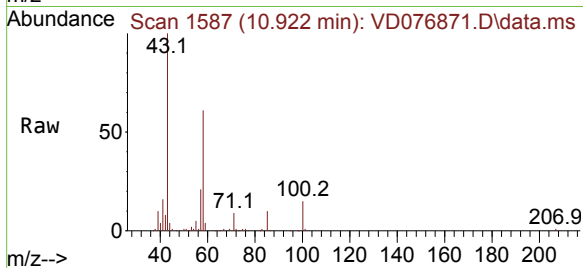




#59
2-Hexanone
Concen: 101.884 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076871.D
Acq: 31 Jul 2023 13:38

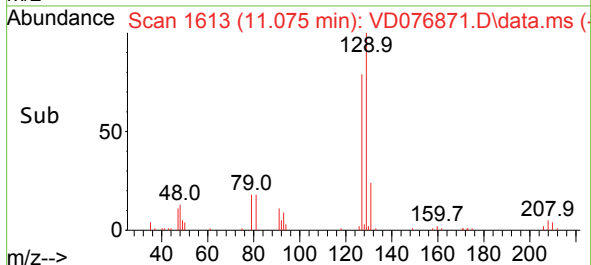
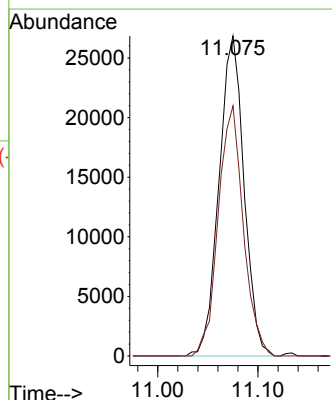
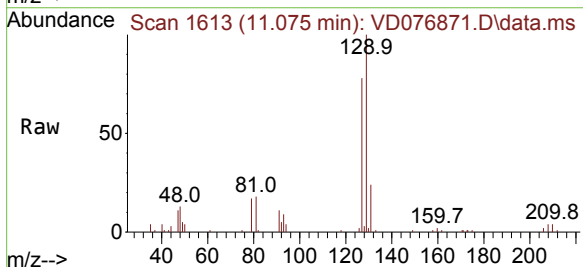
Instrument :
MSVOA_D
ClientSampleId :
VD0731SBSD01

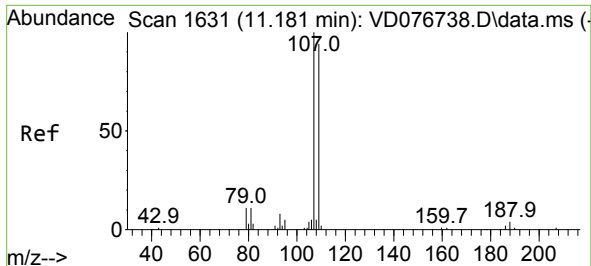
Tgt Ion: 43 Resp: 85450
Ion Ratio Lower Upper
43 100
58 63.5 34.1 102.2



#60
Dibromochloromethane
Concen: 22.713 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD076871.D
Acq: 31 Jul 2023 13:38

Tgt Ion: 129 Resp: 46464
Ion Ratio Lower Upper
129 100
127 78.5 37.1 111.5

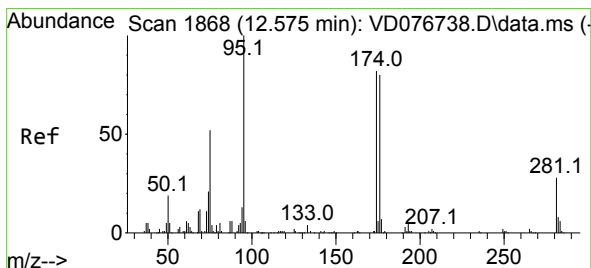
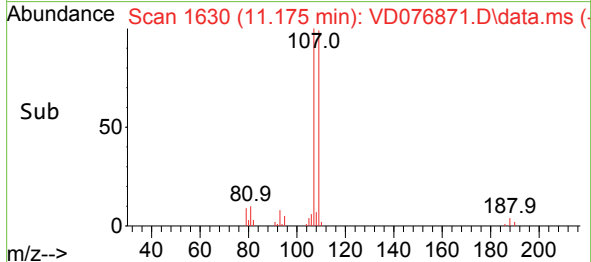
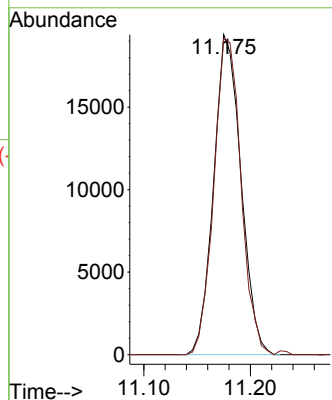
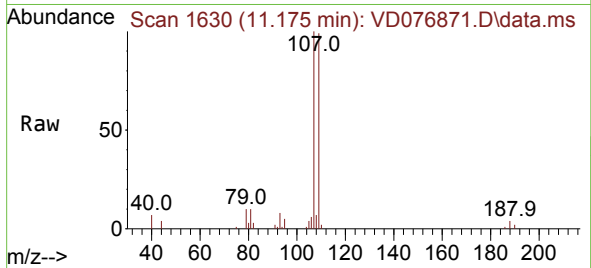




#61
1,2-Dibromoethane
Concen: 21.161 ug/l
RT: 11.175 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD076871.D
Acq: 31 Jul 2023 13:38

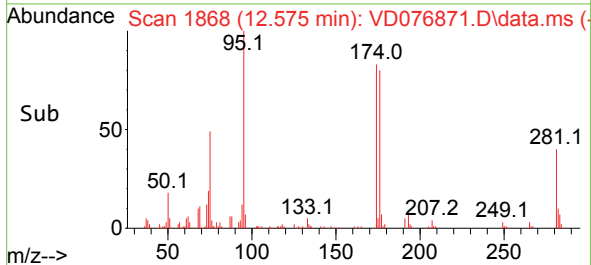
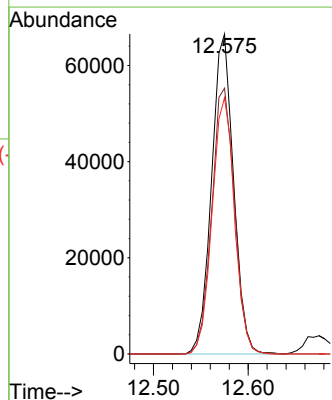
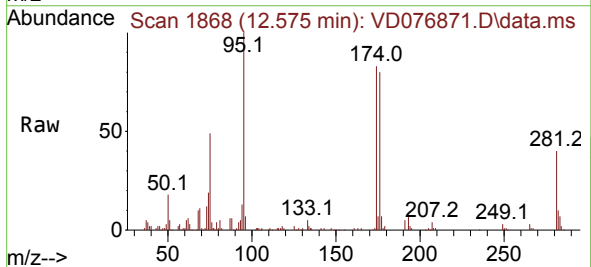
Instrument :
MSVOA_D
ClientSampleId :
VD0731SBSD01

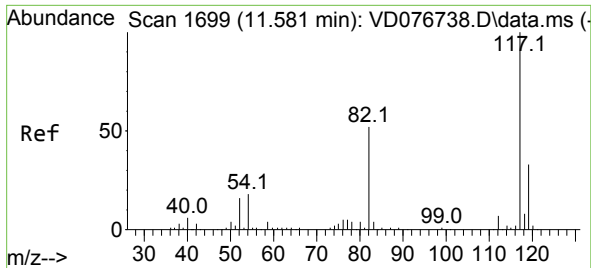
Tgt Ion:107 Resp: 34547
Ion Ratio Lower Upper
107 100
109 97.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 47.949 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076871.D
Acq: 31 Jul 2023 13:38

Tgt Ion: 95 Resp: 107412
Ion Ratio Lower Upper
95 100
174 85.8 0.0 201.8
176 81.6 0.0 191.8

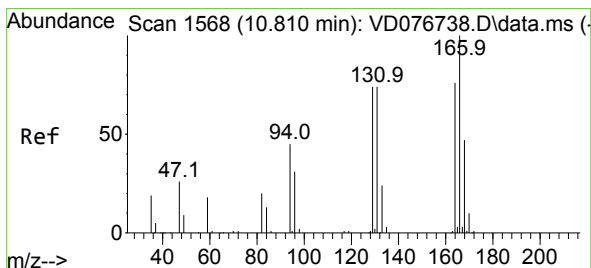
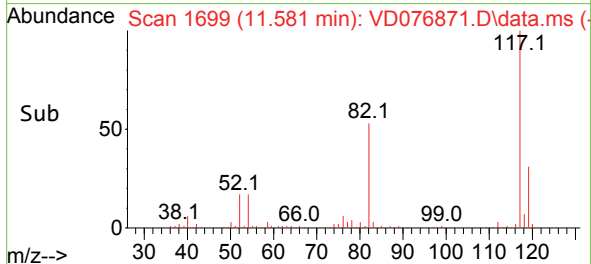
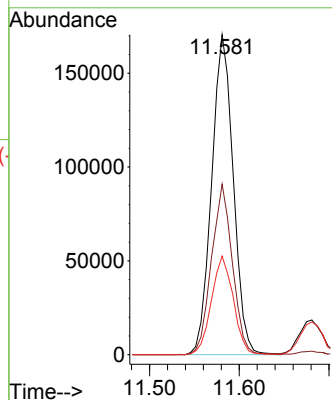
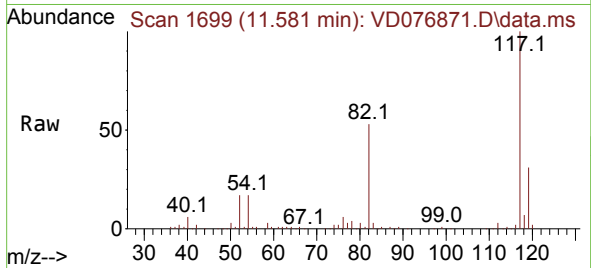




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD076871.D
Acq: 31 Jul 2023 13:38

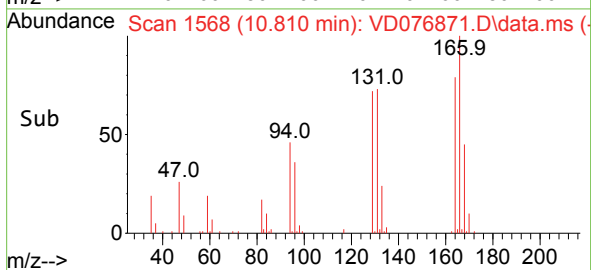
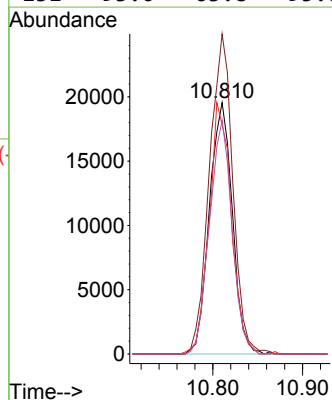
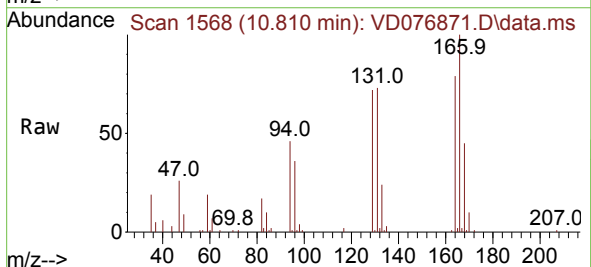
Instrument :
MSVOA_D
ClientSampleId :
VD0731SBSD01

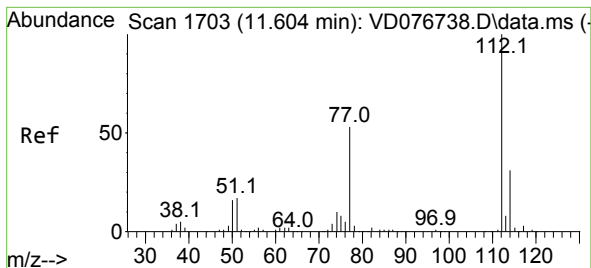
Tgt Ion:117 Resp: 285548
Ion Ratio Lower Upper
117 100
82 53.3 38.3 57.5
119 30.8 25.0 37.4



#64
Tetrachloroethene
Concen: 21.355 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076871.D
Acq: 31 Jul 2023 13:38

Tgt Ion:164 Resp: 34771
Ion Ratio Lower Upper
164 100
166 127.3 99.2 148.8
129 91.2 68.4 102.6
131 93.0 63.8 95.8

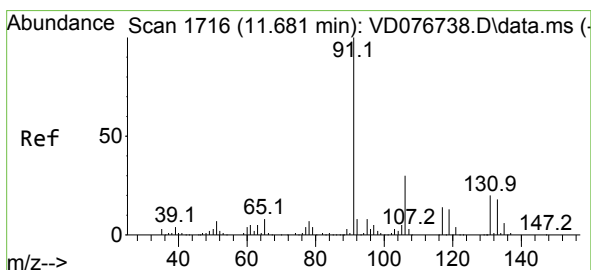
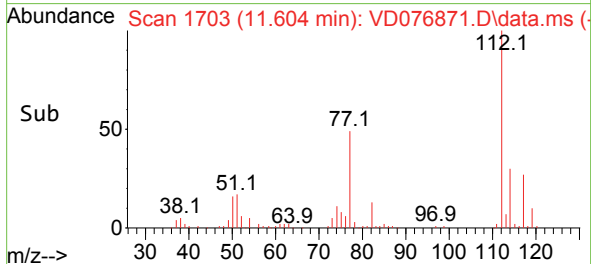
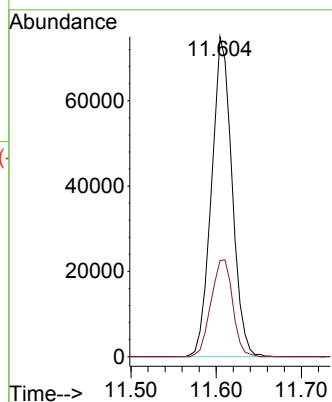
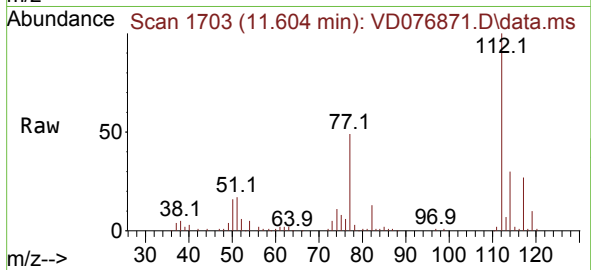




#65
Chlorobenzene
Concen: 21.871 ug/l
RT: 11.604 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076871.D
Acq: 31 Jul 2023 13:38

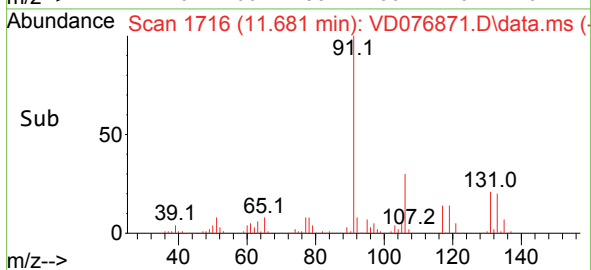
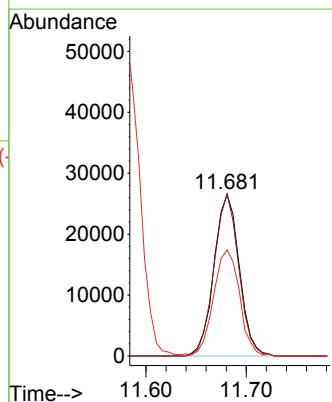
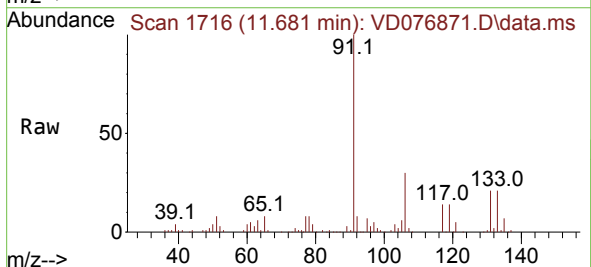
Instrument :
MSVOA_D
ClientSampleId :
VD0731SBSD01

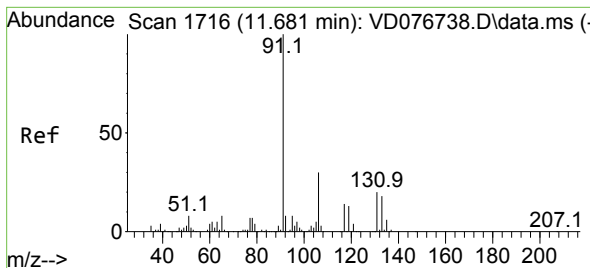
Tgt Ion:112 Resp: 125602
Ion Ratio Lower Upper
112 100
114 30.1 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 21.841 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076871.D
Acq: 31 Jul 2023 13:38

Tgt Ion:131 Resp: 46699
Ion Ratio Lower Upper
131 100
133 97.1 48.5 145.5
119 67.4 35.6 106.9





#67

Ethyl Benzene

Concen: 21.216 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD076871.D

Acq: 31 Jul 2023 13:38

Instrument :

MSVOA_D

ClientSampleId :

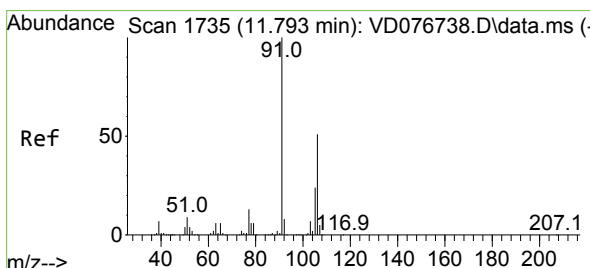
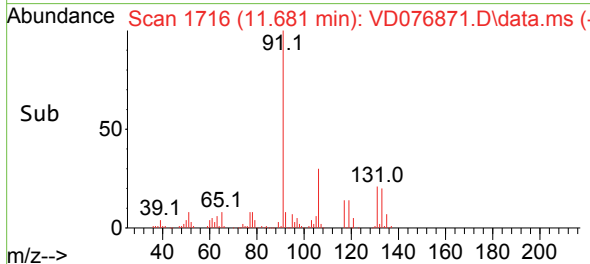
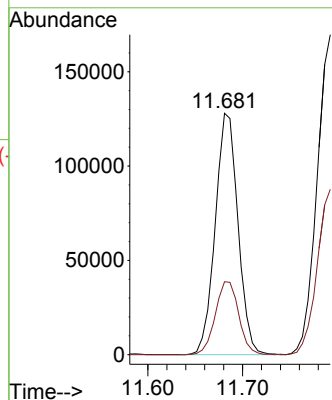
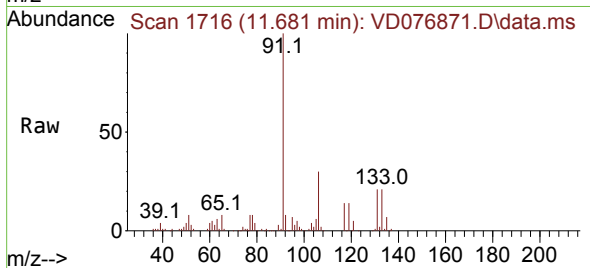
VD0731SBSD01

Tgt Ion: 91 Resp: 213984

Ion Ratio Lower Upper

91 100

106 30.2 26.5 39.7



#68

m/p-Xylenes

Concen: 42.484 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD076871.D

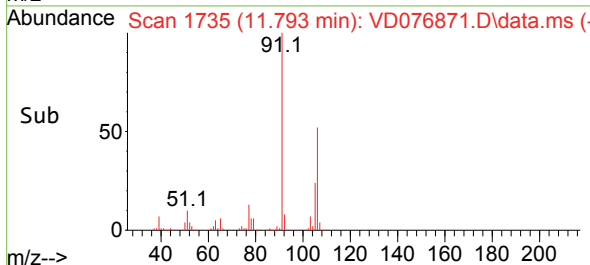
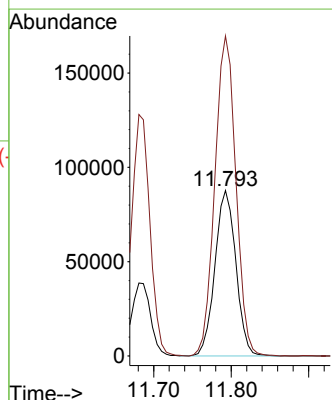
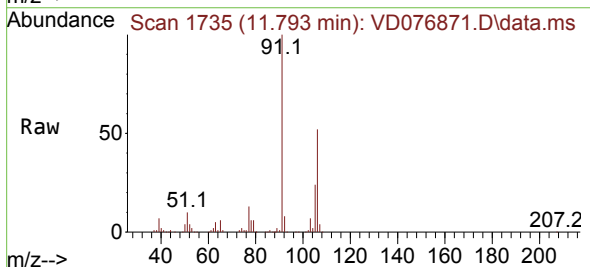
Acq: 31 Jul 2023 13:38

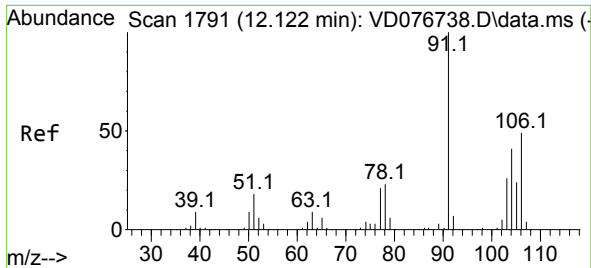
Tgt Ion:106 Resp: 164564

Ion Ratio Lower Upper

106 100

91 194.4 147.0 220.6

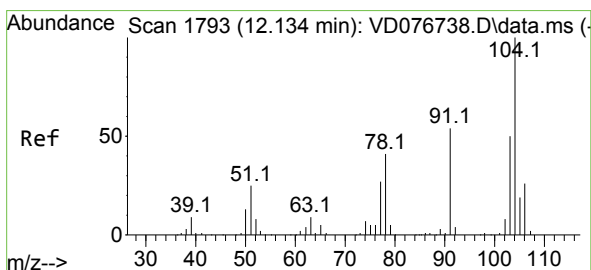
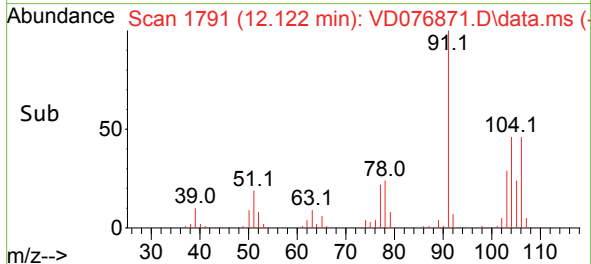
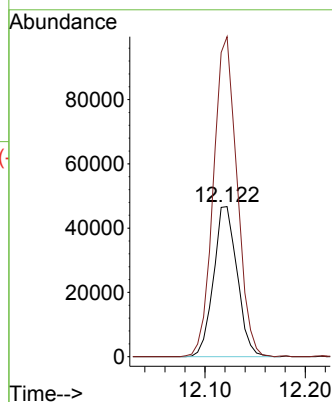
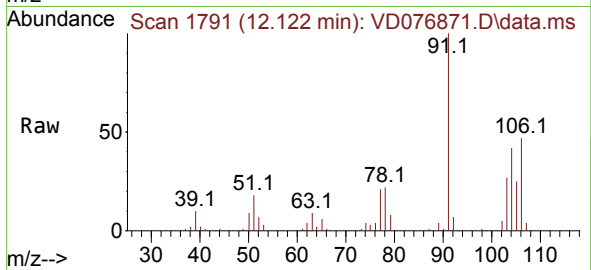




#69
o-Xylene
Concen: 20.366 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD076871.D
Acq: 31 Jul 2023 13:38

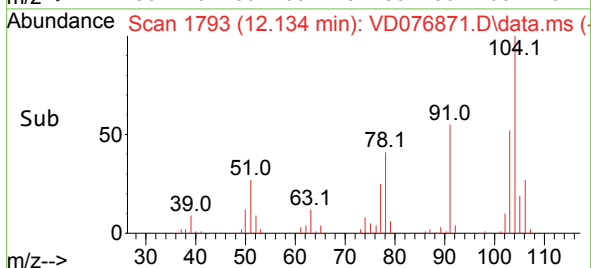
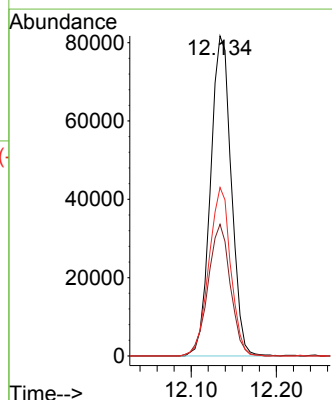
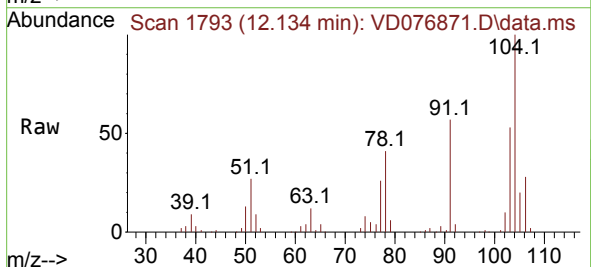
Instrument :
MSVOA_D
ClientSampleId :
VD0731SBS01

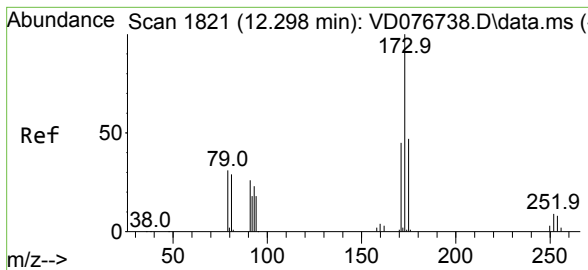
Tgt Ion:106 Resp: 76285
Ion Ratio Lower Upper
106 100
91 213.8 97.9 293.6



#70
Styrene
Concen: 21.135 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076871.D
Acq: 31 Jul 2023 13:38

Tgt Ion:104 Resp: 138587
Ion Ratio Lower Upper
104 100
78 44.3 33.2 49.8
103 55.2 43.6 65.4

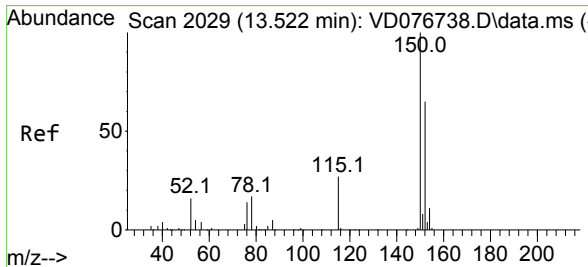
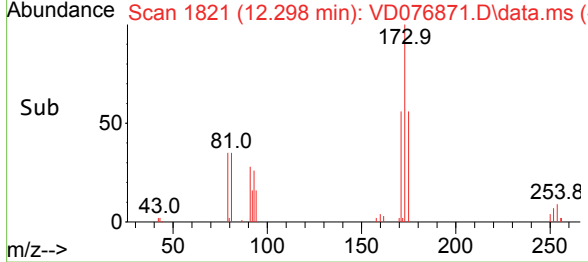
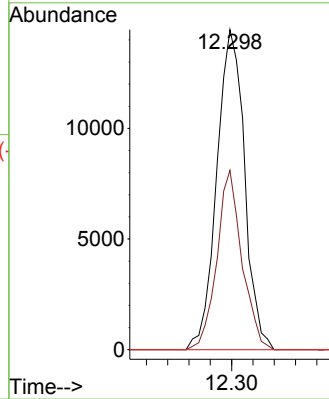
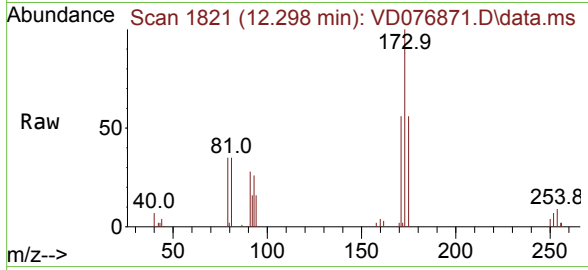




#71
Bromoform
Concen: 22.304 ug/l
RT: 12.298 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076871.D
Acq: 31 Jul 2023 13:38

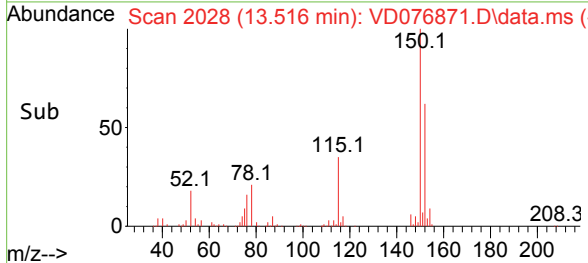
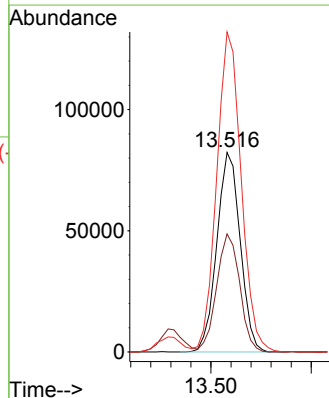
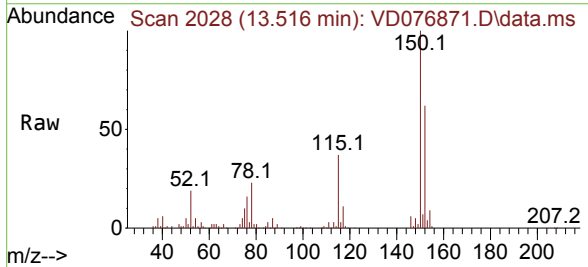
Instrument :
MSVOA_D
ClientSampleId :
VD0731SBSD01

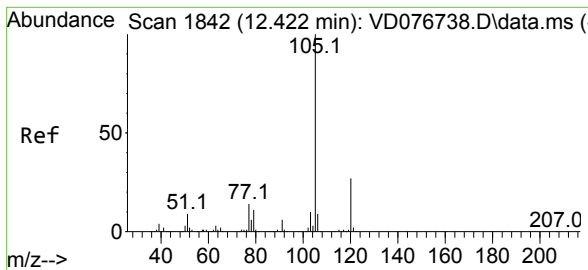
Tgt Ion:173 Resp: 26119
Ion Ratio Lower Upper
173 100
175 50.6 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076871.D
Acq: 31 Jul 2023 13:38

Tgt Ion:152 Resp: 133324
Ion Ratio Lower Upper
152 100
115 58.2 27.1 81.3
150 167.9 0.0 353.6

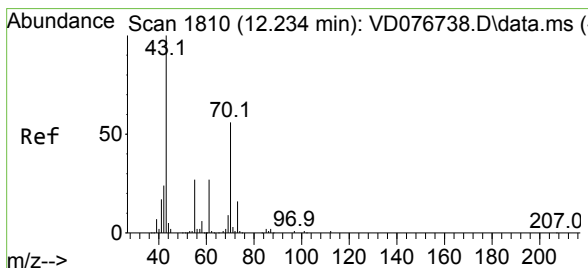
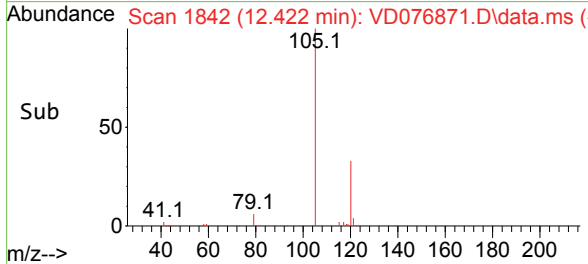
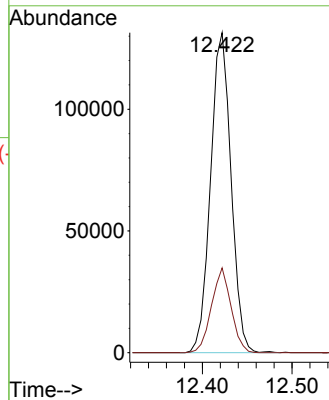
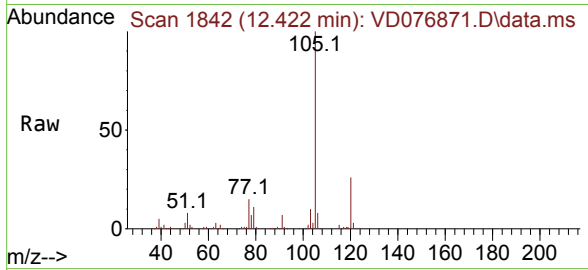




#73
Isopropylbenzene
Concen: 21.556 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD076871.D
Acq: 31 Jul 2023 13:38

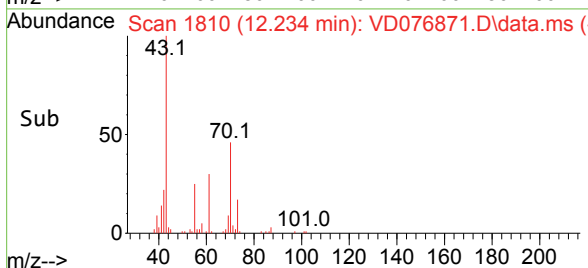
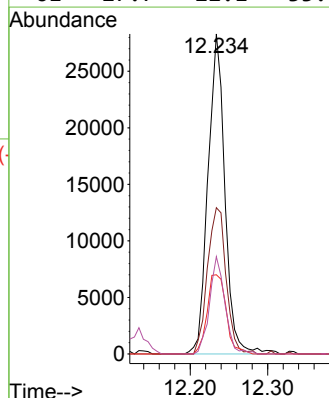
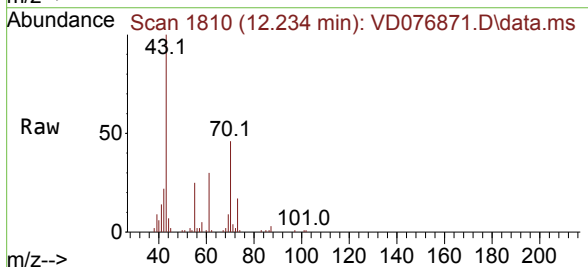
Instrument :
MSVOA_D
ClientSampleId :
VD0731SBSD01

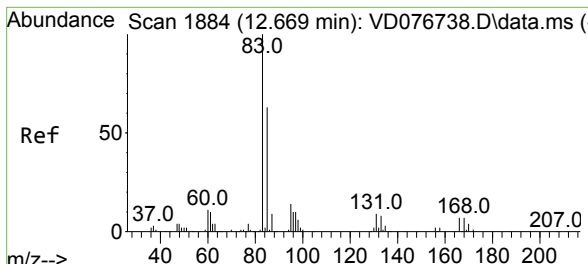
Tgt Ion:105 Resp: 208508
Ion Ratio Lower Upper
105 100
120 25.3 14.3 42.9



#74
N-ethyl acetate
Concen: 21.067 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076871.D
Acq: 31 Jul 2023 13:38

Tgt Ion: 43 Resp: 42931
Ion Ratio Lower Upper
43 100
70 50.5 45.0 67.4
55 27.8 23.8 35.6
61 27.7 22.1 33.1

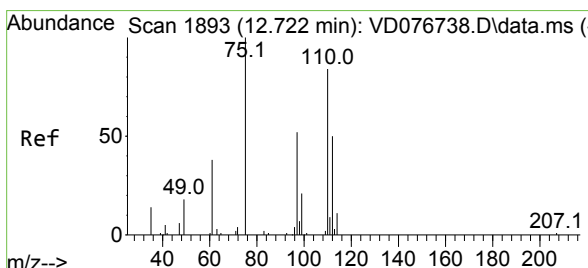
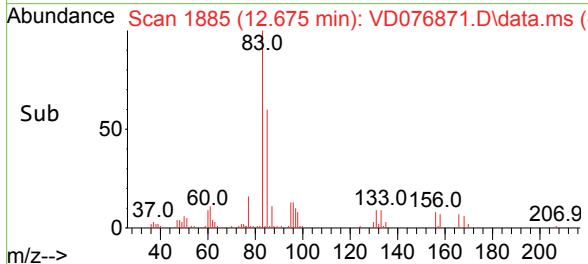
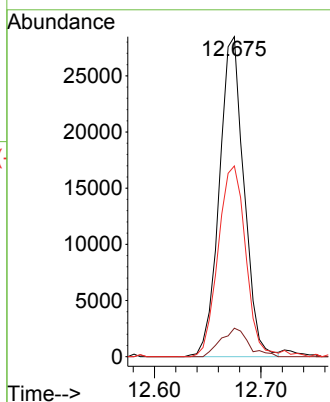
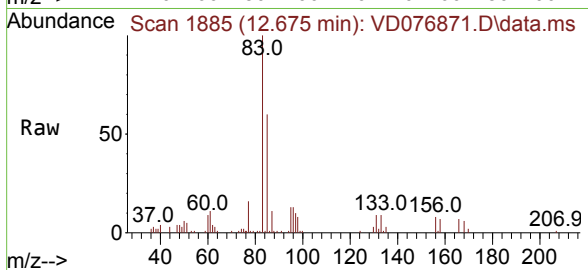




#75
 1,1,2,2-Tetrachloroethane
 Concen: 22.048 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. 0.006 min
 Lab File: VD076871.D
 Acq: 31 Jul 2023 13:38

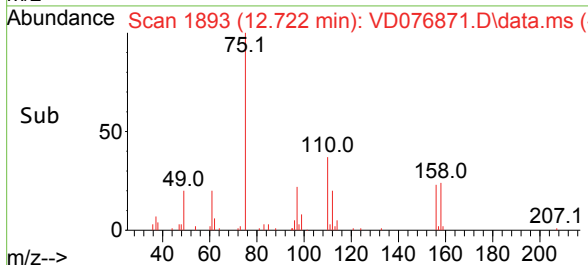
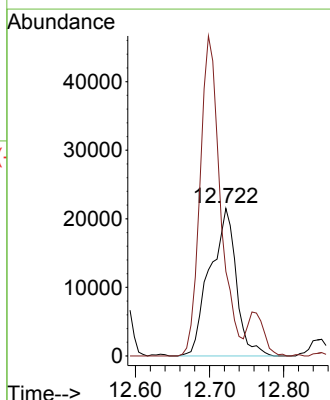
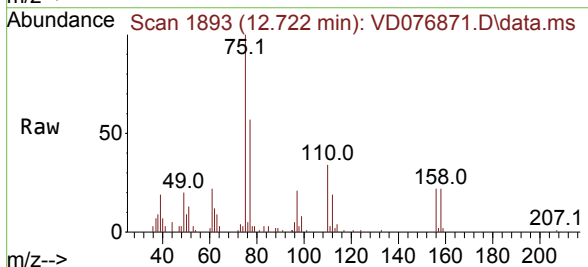
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0731SBSD01

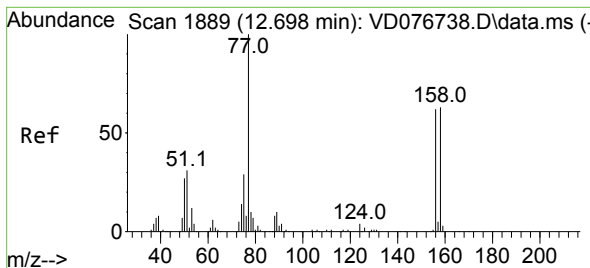
Tgt Ion:	83	Resp:	45791
Ion Ratio	Lower	Upper	
83	100		
131	9.9	5.1	15.3
85	67.4	32.6	97.8



#76
 1,2,3-Trichloropropane
 Concen: 41.841 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. 0.000 min
 Lab File: VD076871.D
 Acq: 31 Jul 2023 13:38

Tgt Ion:	75	Resp:	53050
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 22.707 ug/l

RT: 12.704 min Scan# 1889

Delta R.T. 0.006 min

Lab File: VD076871.D

Acq: 31 Jul 2023 13:38

Instrument :

MSVOA_D

ClientSampleId :

VD0731SBS01

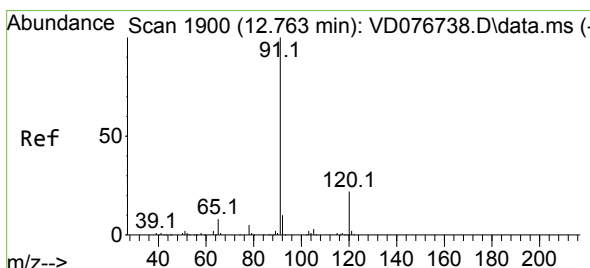
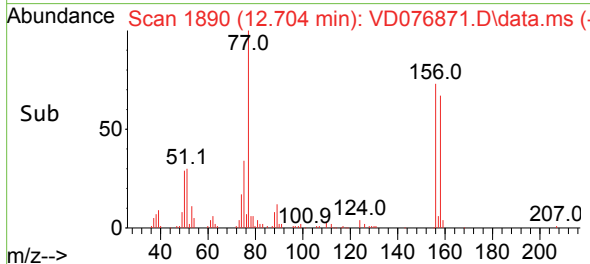
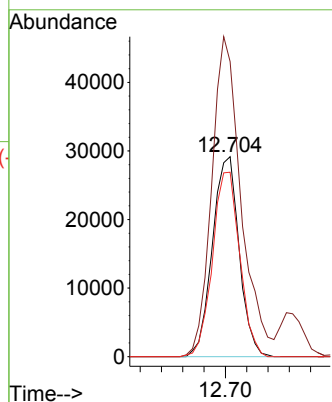
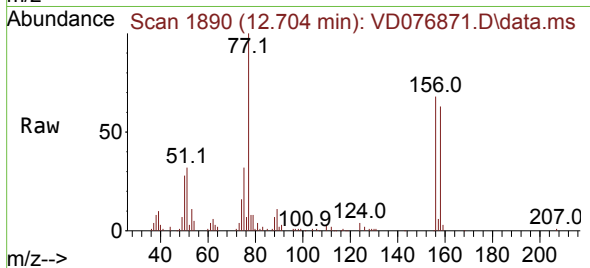
Tgt Ion:156 Resp: 50700

Ion Ratio Lower Upper

156 100

77 176.3 76.8 230.4

158 94.2 48.6 145.9



#78

n-propylbenzene

Concen: 22.198 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD076871.D

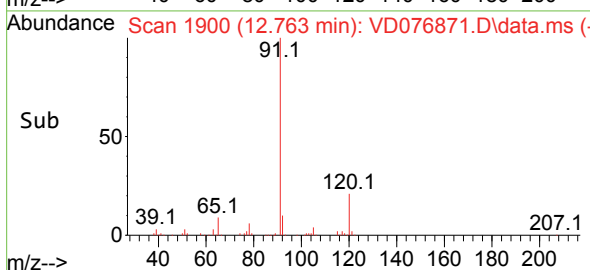
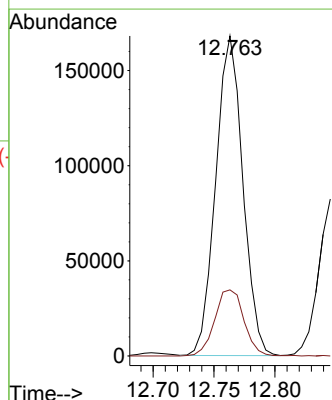
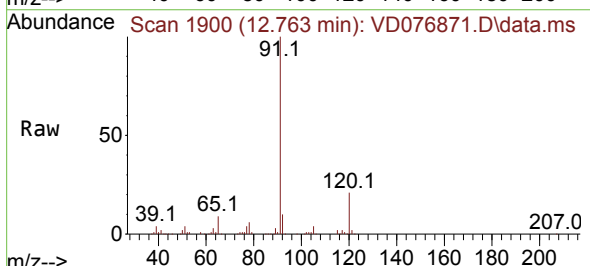
Acq: 31 Jul 2023 13:38

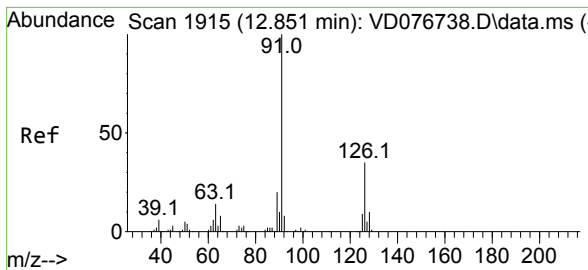
Tgt Ion: 91 Resp: 260305

Ion Ratio Lower Upper

91 100

120 22.4 12.4 37.2

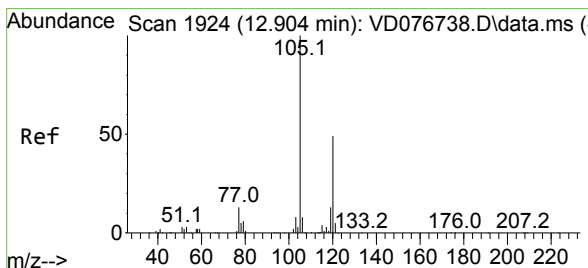
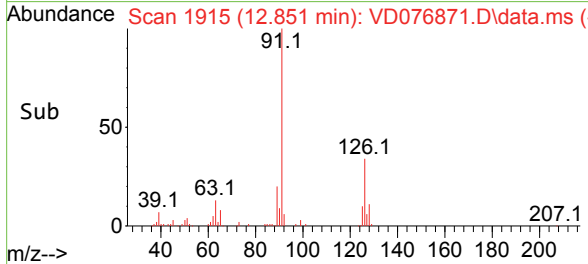
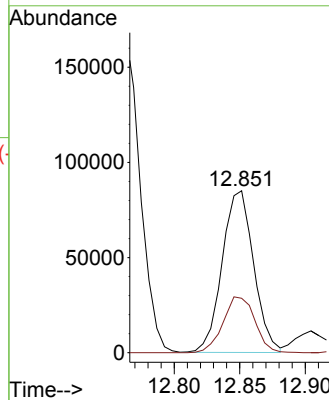
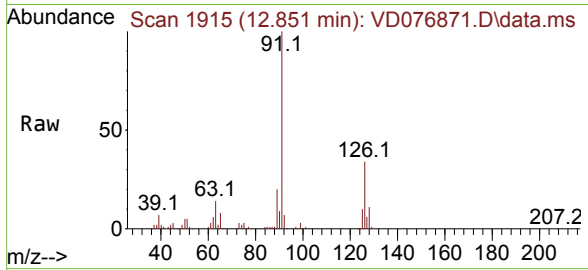




#79
2-Chlorotoluene
Concen: 22.126 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD076871.D
Acq: 31 Jul 2023 13:38

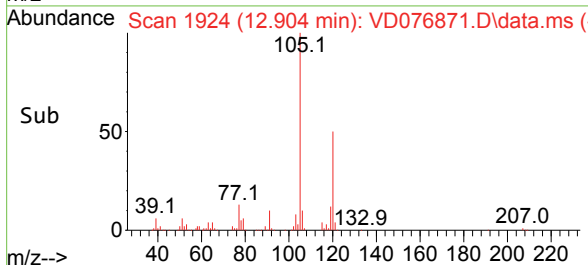
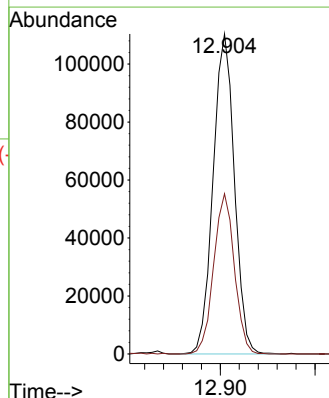
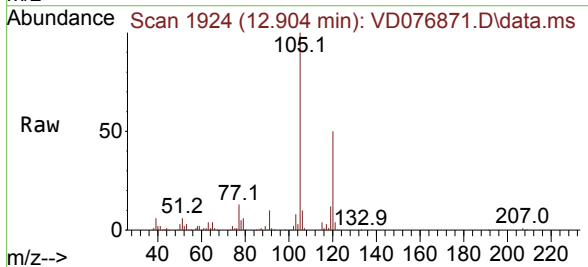
Instrument :
MSVOA_D
ClientSampleId :
VD0731SBSD01

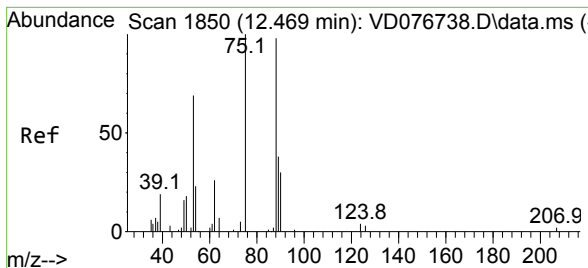
Tgt Ion: 91 Resp: 142269
Ion Ratio Lower Upper
91 100
126 34.9 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 22.086 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076871.D
Acq: 31 Jul 2023 13:38

Tgt Ion: 105 Resp: 172745
Ion Ratio Lower Upper
105 100
120 48.7 26.4 79.2

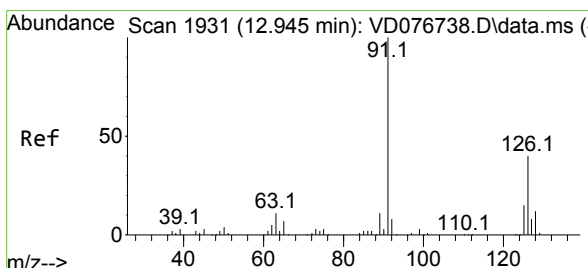
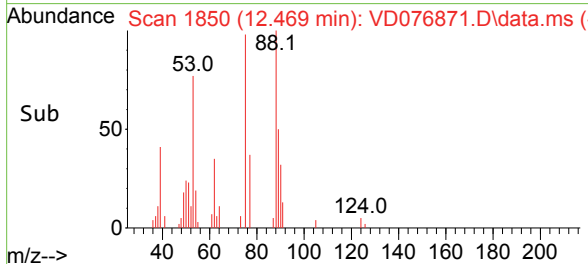
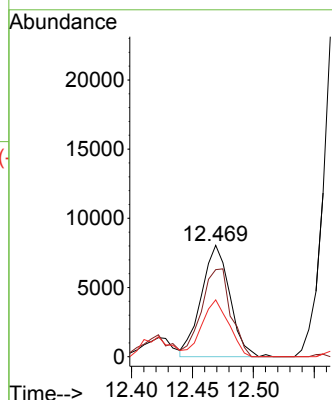
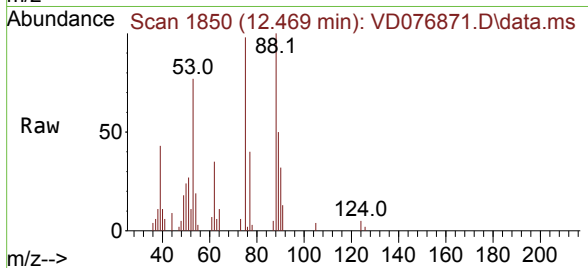




#81
trans-1,4-Dichloro-2-butene
Concen: 21.964 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD076871.D
Acq: 31 Jul 2023 13:38

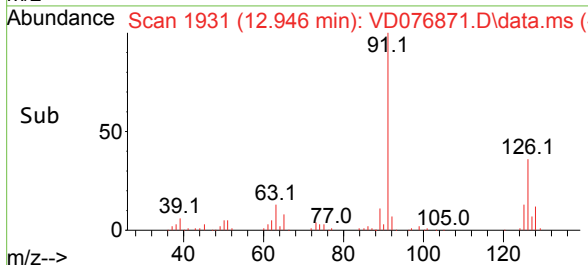
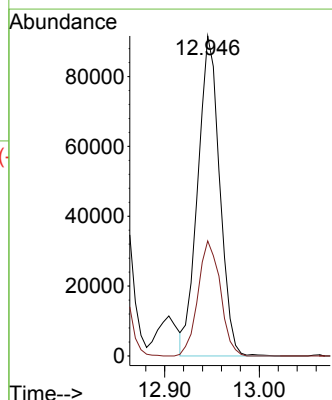
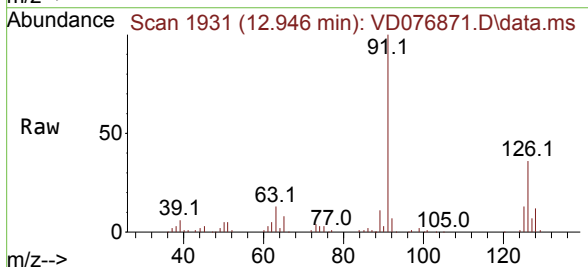
Instrument :
MSVOA_D
ClientSampleId :
VD0731SBSD01

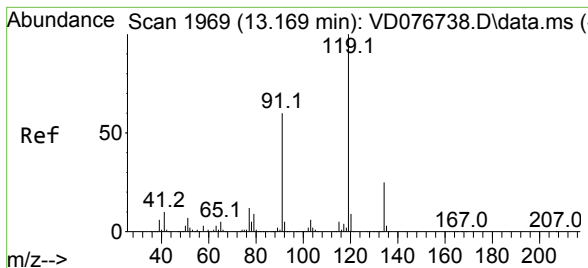
Tgt Ion: 75 Resp: 13085
Ion Ratio Lower Upper
75 100
53 80.6 63.0 94.4
89 48.7 37.9 56.9



#82
4-Chlorotoluene
Concen: 21.900 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.001 min
Lab File: VD076871.D
Acq: 31 Jul 2023 13:38

Tgt Ion: 91 Resp: 147108
Ion Ratio Lower Upper
91 100
126 36.7 19.4 58.4





#83

tert-Butylbenzene

Concen: 21.782 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. -0.006 min

Lab File: VD076871.D

Acq: 31 Jul 2023 13:38

Instrument :

MSVOA_D

ClientSampleId :

VD0731SBSD01

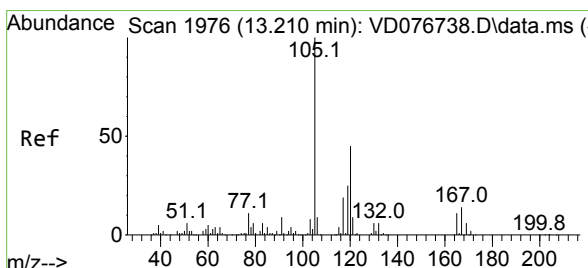
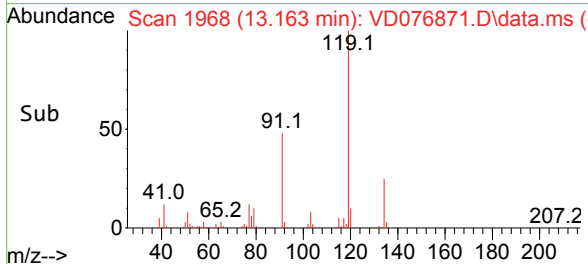
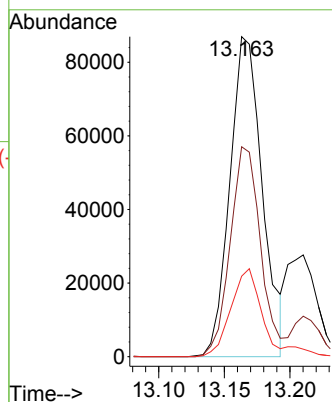
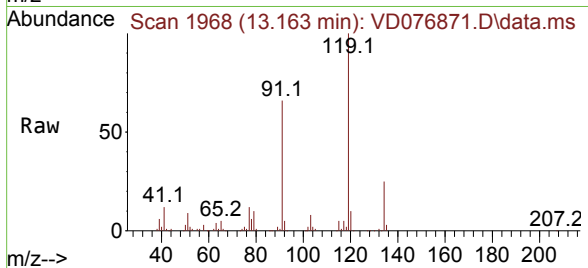
Tgt Ion:119 Resp: 150005

Ion Ratio Lower Upper

119 100

91 61.1 29.3 87.8

134 27.6 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 21.241 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD076871.D

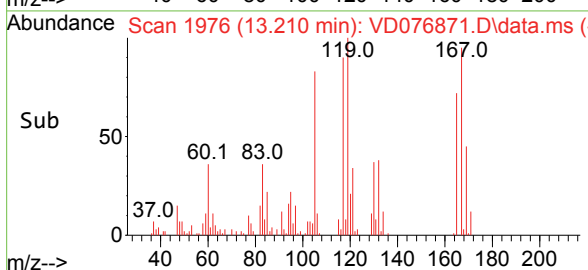
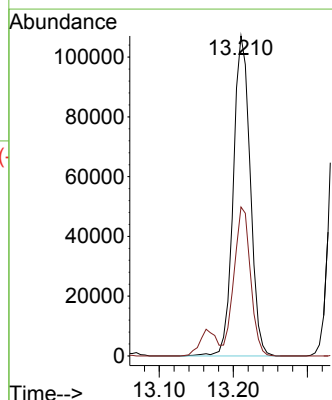
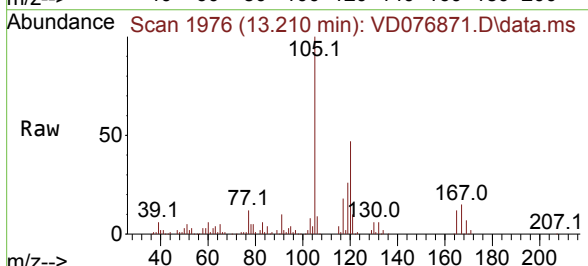
Acq: 31 Jul 2023 13:38

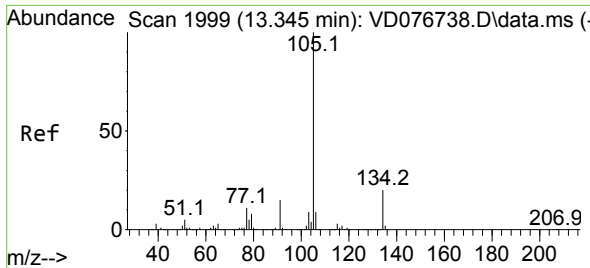
Tgt Ion:105 Resp: 169775

Ion Ratio Lower Upper

105 100

120 45.9 24.3 72.9

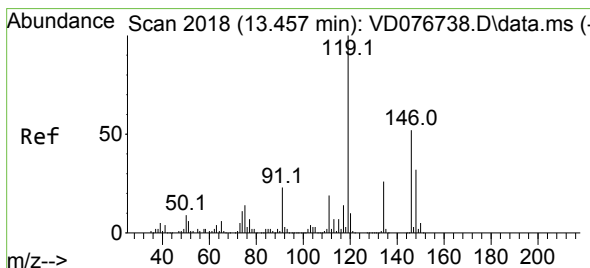
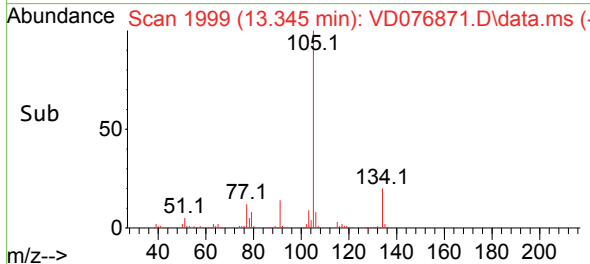
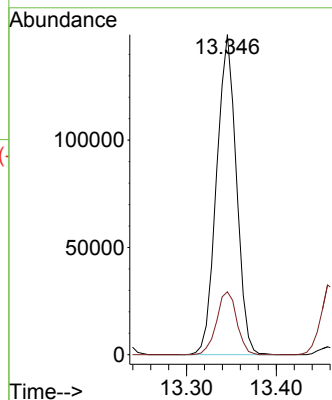
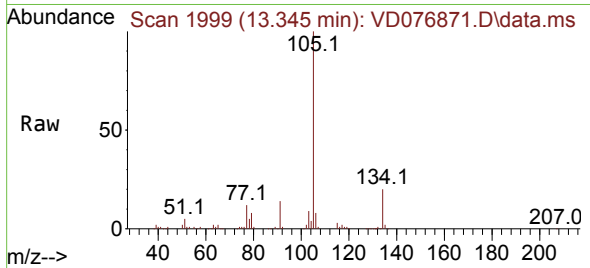




#85
 sec-Butylbenzene
 Concen: 21.734 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD076871.D
 Acq: 31 Jul 2023 13:38

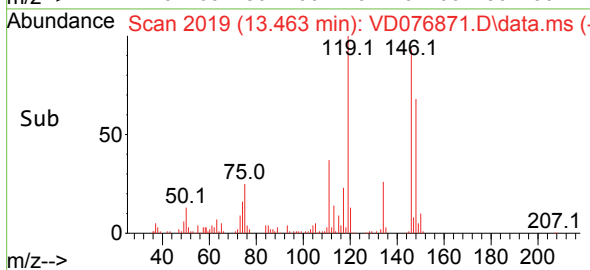
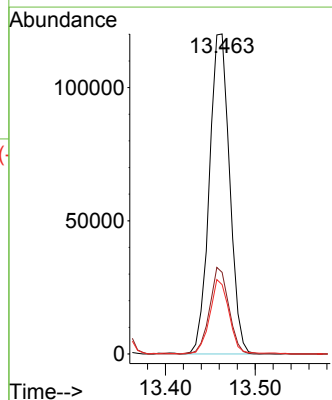
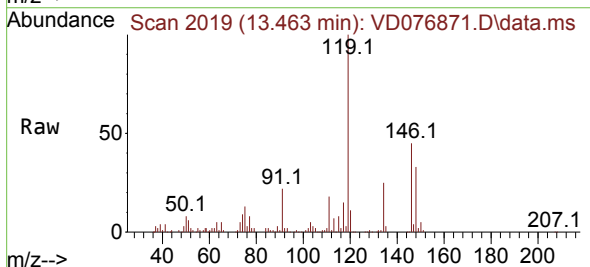
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0731SBSD01

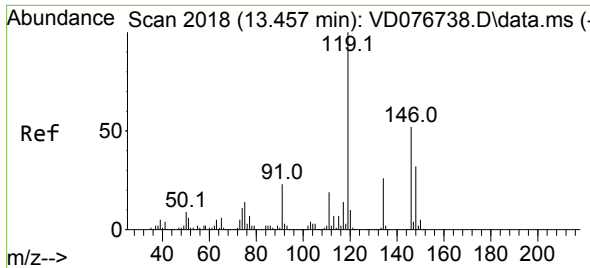
Tgt Ion:105 Resp: 228678
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 21.701 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.006 min
 Lab File: VD076871.D
 Acq: 31 Jul 2023 13:38

Tgt Ion:119 Resp: 188574
 Ion Ratio Lower Upper
 119 100
 134 25.5 14.2 42.6
 91 22.1 10.5 31.5

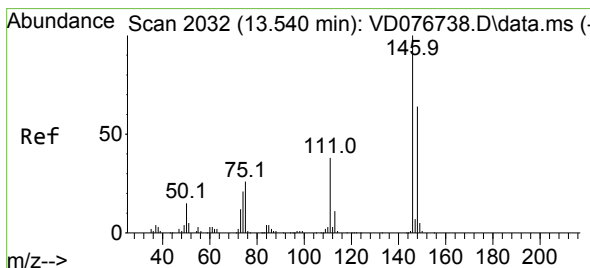
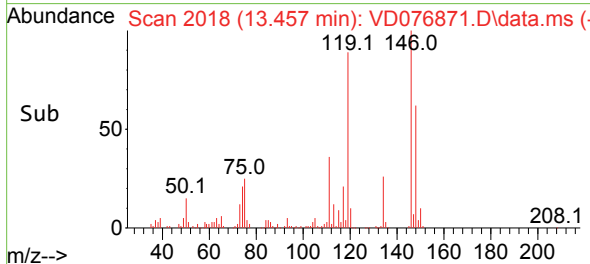
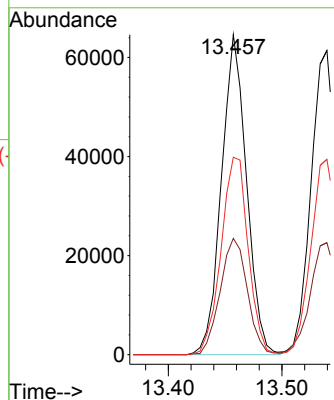
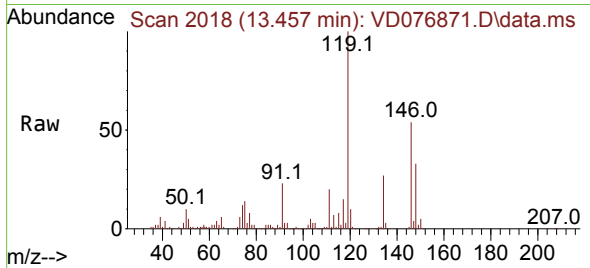




#87
1,3-Dichlorobenzene
Concen: 21.594 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD076871.D
Acq: 31 Jul 2023 13:38

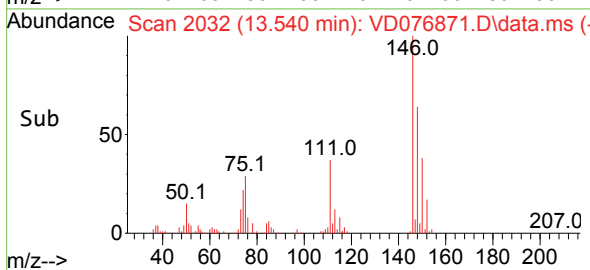
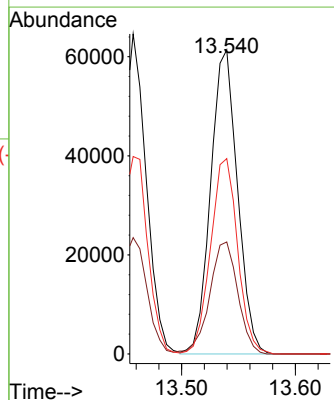
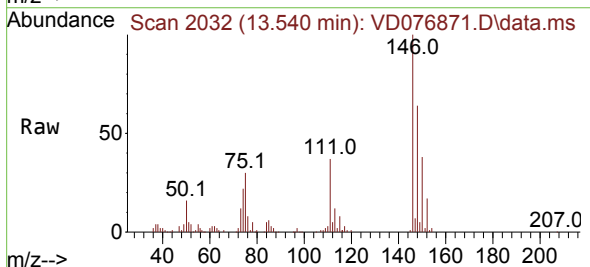
Instrument :
MSVOA_D
ClientSampleId :
VD0731SBS01

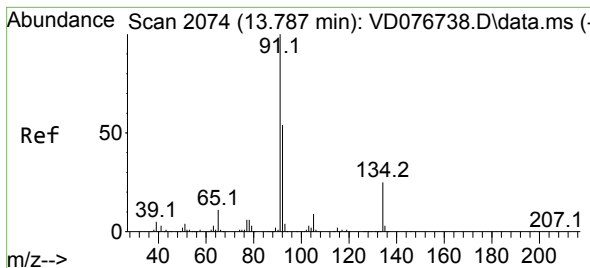
Tgt Ion:146 Resp: 99166
Ion Ratio Lower Upper
146 100
111 39.4 17.9 53.8
148 66.6 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 22.435 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD076871.D
Acq: 31 Jul 2023 13:38

Tgt Ion:146 Resp: 100945
Ion Ratio Lower Upper
146 100
111 38.6 17.4 52.3
148 64.8 31.7 95.1





#89

n-Butylbenzene

Concen: 21.329 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VD076871.D

Acq: 31 Jul 2023 13:38

Instrument :

MSVOA_D

ClientSampleId :

VD0731SBSD01

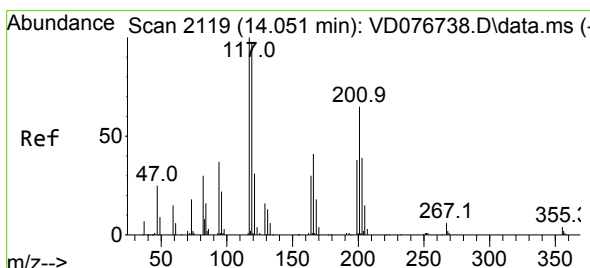
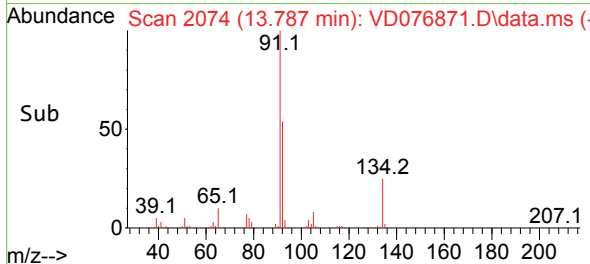
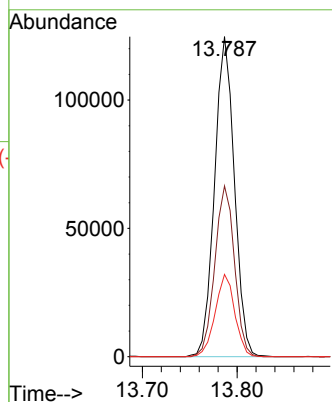
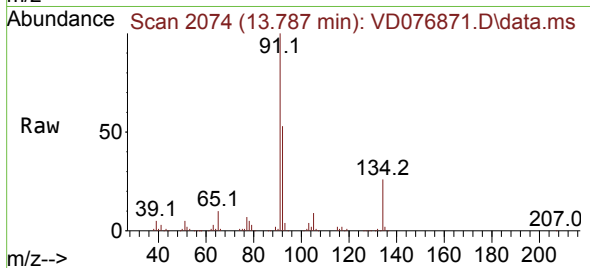
Tgt Ion: 91 Resp: 181361

Ion Ratio Lower Upper

91 100

92 52.9 26.5 79.5

134 25.5 13.8 41.3



#90

Hexachloroethane

Concen: 24.016 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD076871.D

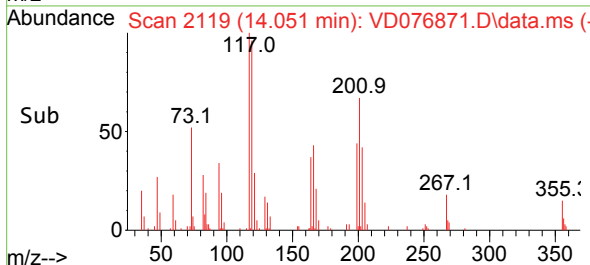
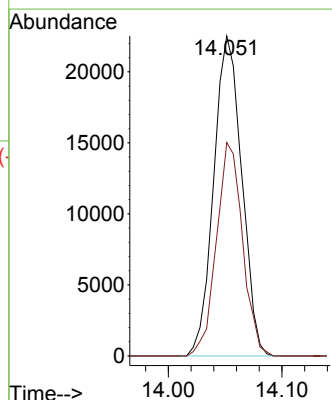
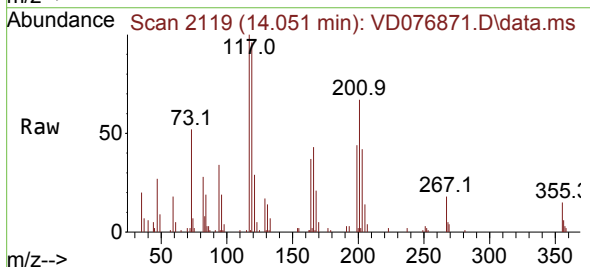
Acq: 31 Jul 2023 13:38

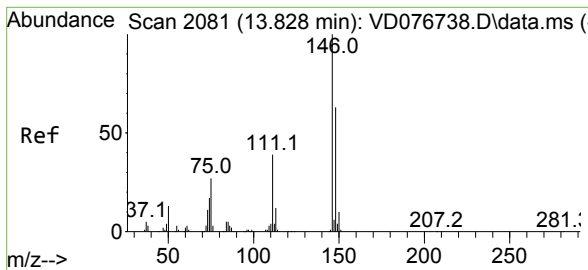
Tgt Ion: 117 Resp: 38582

Ion Ratio Lower Upper

117 100

201 62.2 38.5 115.5

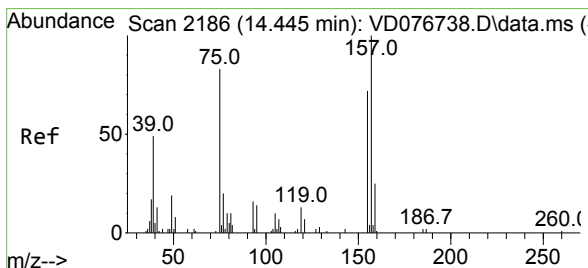
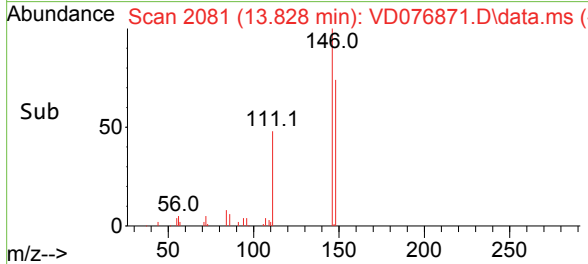
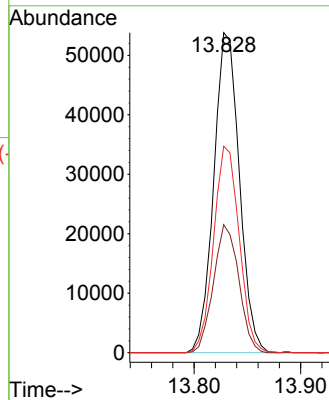
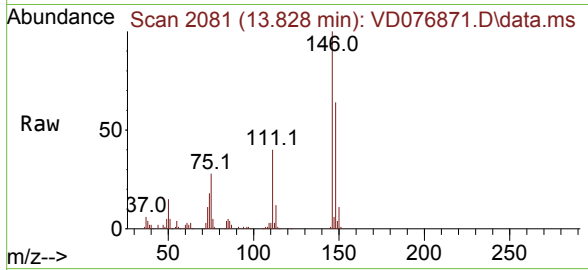




#91
 1,2-Dichlorobenzene
 Concen: 22.228 ug/l
 RT: 13.828 min Scan# 2081
 Delta R.T. -0.000 min
 Lab File: VD076871.D
 Acq: 31 Jul 2023 13:38

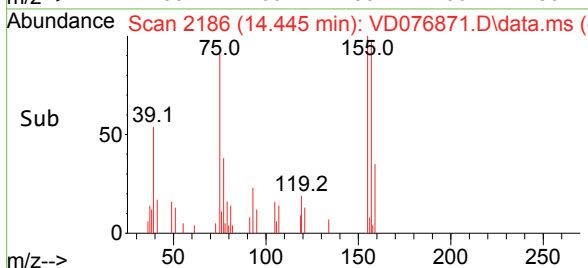
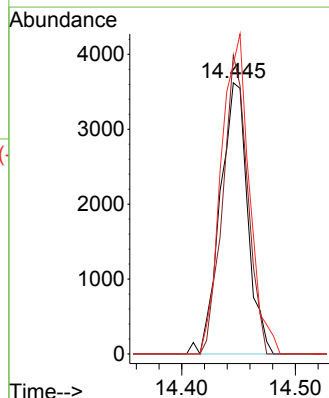
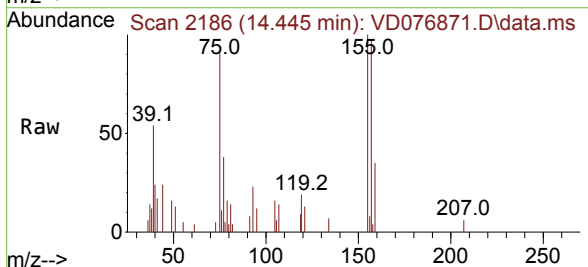
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0731SBSD01

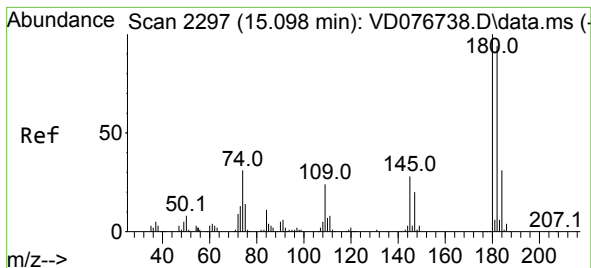
Tgt Ion:	146	Resp:	89949
Ion Ratio	Lower	Upper	
146	100		
111	39.5	18.3	54.8
148	64.4	31.6	94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.559 ug/l
 RT: 14.445 min Scan# 2186
 Delta R.T. 0.000 min
 Lab File: VD076871.D
 Acq: 31 Jul 2023 13:38

Tgt Ion:	75	Resp:	6088
Ion Ratio	Lower	Upper	
75	100		
155	99.3	47.9	143.8
157	120.4	59.9	179.7





#93

1,2,4-Trichlorobenzene

Concen: 21.824 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD076871.D

Acq: 31 Jul 2023 13:38

Instrument :

MSVOA_D

ClientSampleId :

VD0731SBS01

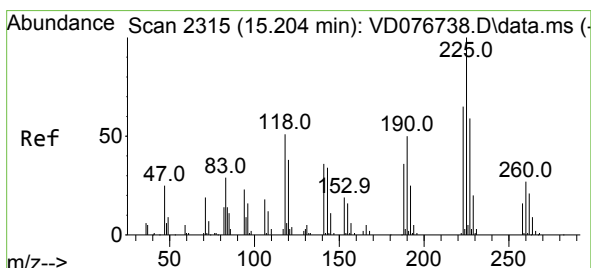
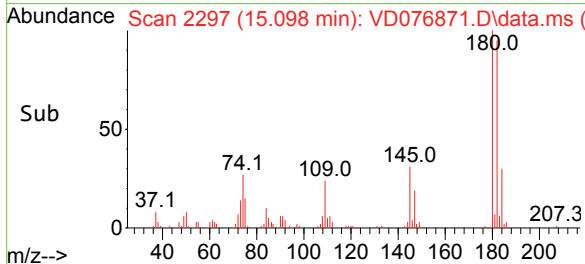
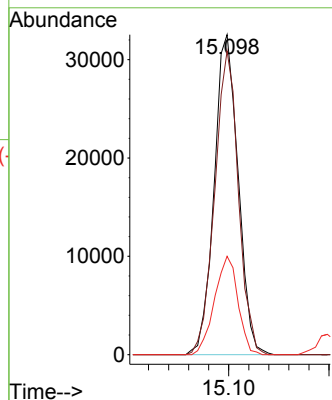
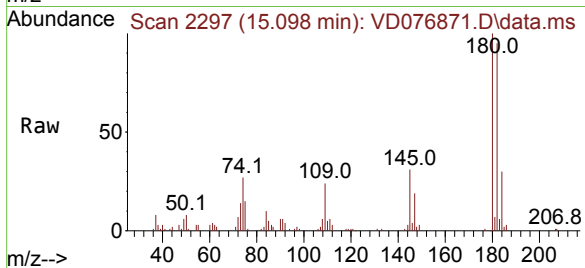
Tgt Ion:180 Resp: 53915

Ion Ratio Lower Upper

180 100

182 93.7 48.5 145.6

145 30.1 14.2 42.6



#94

Hexachlorobutadiene

Concen: 22.040 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD076871.D

Acq: 31 Jul 2023 13:38

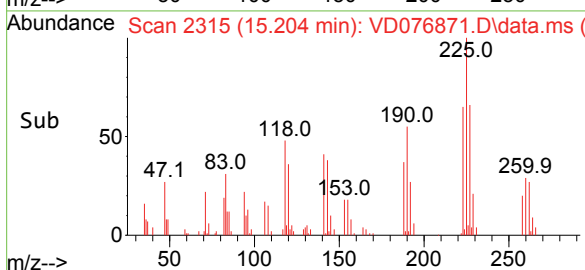
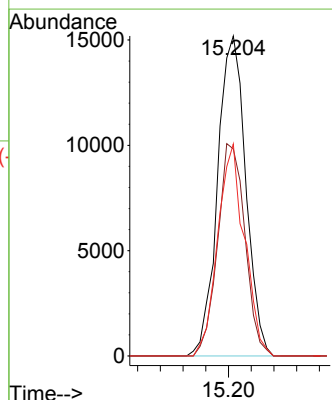
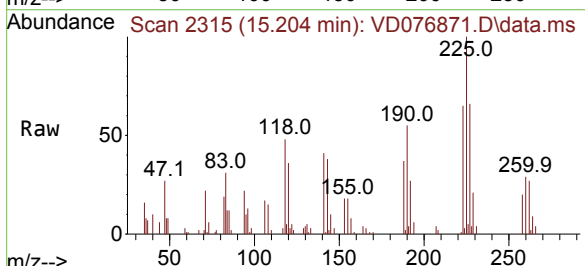
Tgt Ion:225 Resp: 26187

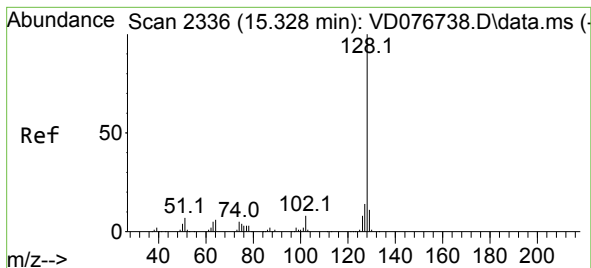
Ion Ratio Lower Upper

225 100

223 64.3 31.6 94.8

227 63.0 31.7 95.1





#95

Naphthalene

Concen: 21.003 ug/l

RT: 15.328 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD076871.D

Acq: 31 Jul 2023 13:38

Instrument :

MSVOA_D

ClientSampleId :

VD0731SBSD01

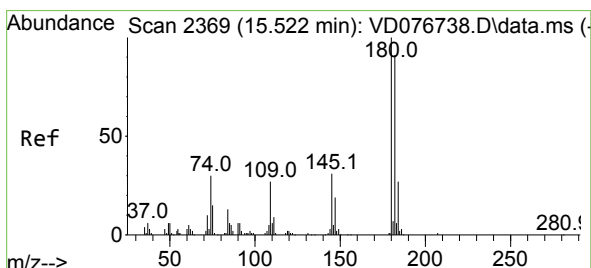
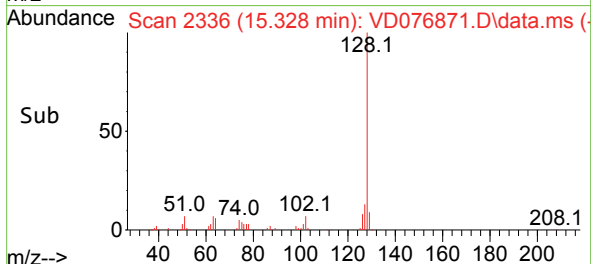
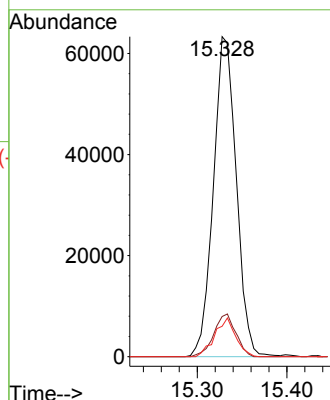
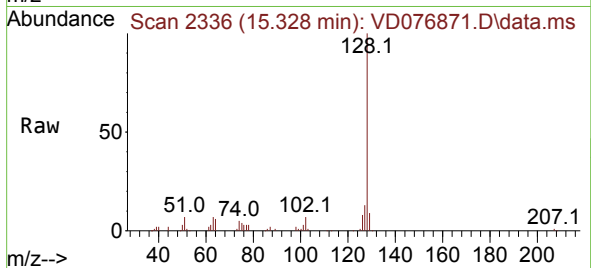
Tgt Ion:128 Resp: 112349

Ion Ratio Lower Upper

128 100

127 12.6 10.5 15.7

129 9.5 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 21.924 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD076871.D

Acq: 31 Jul 2023 13:38

Tgt Ion:180 Resp: 48605

Ion Ratio Lower Upper

180 100

182 93.9 47.3 141.9

145 32.5 15.1 45.3

