

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072823\
 Data File : VD076848.D
 Acq On : 28 Jul 2023 12:04
 Operator : KP/SY
 Sample : VD0728SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0728SBS01

Quant Time: Jul 28 23:00:59 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	163795	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	301394	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	274277	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	130907	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	82043	50.288	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.580%
35) Dibromofluoromethane	7.805	113	97763	51.618	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.240%
50) Toluene-d8	10.269	98	323637	47.766	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.540%
62) 4-Bromofluorobenzene	12.575	95	106603	48.636	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.280%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	26239	20.486	ug/l	96
3) Chloromethane	2.146	50	42207	19.102	ug/l	99
4) Vinyl Chloride	2.275	62	57759	19.610	ug/l	96
5) Bromomethane	2.670	94	45570	18.805	ug/l	100
6) Chloroethane	2.822	64	45717	20.558	ug/l	92
7) Trichlorofluoromethane	3.164	101	57525	21.949	ug/l	96
8) Diethyl Ether	3.593	74	18309	20.291	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.958	101	36057	20.930	ug/l	98
10) Methyl Iodide	4.152	142	35174	18.112	ug/l	91
11) Tert butyl alcohol	5.064	59	13354	109.692	ug/l #	84
12) 1,1-Dichloroethene	3.934	96	32360	19.993	ug/l	96
13) Acrolein	3.793	56	9411	113.437	ug/l	99
14) Allyl chloride	4.546	41	42023	19.764	ug/l	92
15) Acrylonitrile	5.258	53	44594	100.623	ug/l	98
16) Acetone	4.022	43	39248	100.733	ug/l	87
17) Carbon Disulfide	4.258	76	63102	16.692	ug/l	99
18) Methyl Acetate	4.558	43	33160	22.652	ug/l	93
19) Methyl tert-butyl Ether	5.316	73	88260	20.334	ug/l	98
20) Methylene Chloride	4.793	84	69320	24.659	ug/l	94
21) trans-1,2-Dichloroethene	5.305	96	35610	18.927	ug/l	88
22) Diisopropyl ether	6.211	45	106981	21.248	ug/l	92
23) Vinyl Acetate	6.152	43	205529	82.503	ug/l	93
24) 1,1-Dichloroethane	6.105	63	72814	21.449	ug/l	97
25) 2-Butanone	7.081	43	55252	105.958	ug/l	88
26) 2,2-Dichloropropane	7.075	77	61318	20.954	ug/l	97
27) cis-1,2-Dichloroethene	7.075	96	49378	21.290	ug/l	96
28) Bromochloromethane	7.416	49	19521	23.001	ug/l	85
29) Tetrahydrofuran	7.446	42	33043	107.250	ug/l	90
30) Chloroform	7.593	83	82461	22.178	ug/l	97
31) Cyclohexane	7.875	56	45779	19.067	ug/l #	92
32) 1,1,1-Trichloroethane	7.787	97	65933	21.979	ug/l	97
36) 1,1-Dichloropropene	8.005	75	49585	20.035	ug/l	97
37) Ethyl Acetate	7.169	43	22644	20.459	ug/l	98
38) Carbon Tetrachloride	7.987	117	50793	21.434	ug/l	99
39) Methylcyclohexane	9.269	83	54304	19.003	ug/l	95
40) Benzene	8.246	78	160052	20.496	ug/l	95

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.387	41	8023	11.870	ug/l #	35
42) 1,2-Dichloroethane	8.322	62	44260	21.814	ug/l	97
43) Isopropyl Acetate	8.357	43	44724	20.705	ug/l	96
44) Trichloroethene	9.022	130	42746	20.088	ug/l	99
45) 1,2-Dichloropropane	9.304	63	43609	21.634	ug/l	99
46) Dibromomethane	9.393	93	26118	22.136	ug/l	87
47) Bromodichloromethane	9.581	83	62963	21.264	ug/l	96
48) Methyl methacrylate	9.381	41	18178	18.490	ug/l #	86
49) 1,4-Dioxane	9.381	88	5941	392.997	ug/l #	92
51) 4-Methyl-2-Pentanone	10.157	43	120042	104.377	ug/l	94
52) Toluene	10.334	92	104129	20.303	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	56834	20.680	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	67205	20.749	ug/l #	87
55) 1,1,2-Trichloroethane	10.734	97	37221	21.603	ug/l	95
56) Ethyl methacrylate	10.599	69	42034	21.137	ug/l #	94
57) 1,3-Dichloropropane	10.875	76	58504	20.850	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	82188	106.770	ug/l	96
59) 2-Hexanone	10.922	43	84918	103.479	ug/l	91
60) Dibromochloromethane	11.075	129	43502	21.734	ug/l	95
61) 1,2-Dibromoethane	11.175	107	32983	20.648	ug/l	100
64) Tetrachloroethene	10.810	164	34210	21.874	ug/l	92
65) Chlorobenzene	11.604	112	115901	21.011	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	44713	21.771	ug/l	99
67) Ethyl Benzene	11.681	91	204158	21.074	ug/l	97
68) m/p-Xylenes	11.793	106	156298	42.008	ug/l	93
69) o-Xylene	12.122	106	73921	20.545	ug/l	94
70) Styrene	12.134	104	129975	20.636	ug/l	97
71) Bromoform	12.298	173	25558	22.722	ug/l #	100
73) Isopropylbenzene	12.422	105	197589	20.804	ug/l	96
74) N-amyl acetate	12.234	43	41846	20.914	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.675	83	45792	22.456	ug/l	95
76) 1,2,3-Trichloropropane	12.728	75	50430	40.509	ug/l #	100
77) Bromobenzene	12.698	156	46198	21.073	ug/l	89
78) n-propylbenzene	12.763	91	246969	21.449	ug/l	94
79) 2-Chlorotoluene	12.845	91	132112	20.926	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	160840	20.944	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.463	75	12260	20.959	ug/l	98
82) 4-Chlorotoluene	12.945	91	140572	21.314	ug/l	93
83) tert-Butylbenzene	13.163	119	143421	21.210	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	161174	20.537	ug/l	97
85) sec-Butylbenzene	13.345	105	217849	21.087	ug/l	95
86) p-Isopropyltoluene	13.457	119	182261	21.362	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	95697	21.223	ug/l	97
88) 1,4-Dichlorobenzene	13.534	146	93812	21.235	ug/l	95
89) n-Butylbenzene	13.787	91	171434	20.534	ug/l	98
90) Hexachloroethane	14.051	117	36978	23.443	ug/l	86
91) 1,2-Dichlorobenzene	13.828	146	86919	21.876	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	6400	22.012	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	51520	21.239	ug/l	98
94) Hexachlorobutadiene	15.204	225	23792	20.394	ug/l	98
95) Naphthalene	15.328	128	113213	21.555	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	45888	21.081	ug/l	99

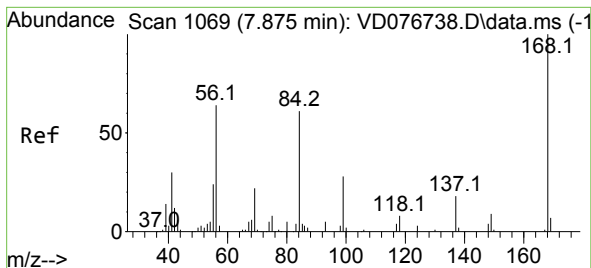
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072823\
Data File : VD076848.D
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Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 2023
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD076848.D

Acq: 28 Jul 2023 12:04

Instrument :

MSVOA_D

ClientSampleId :

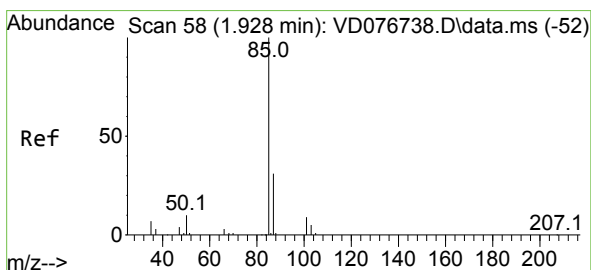
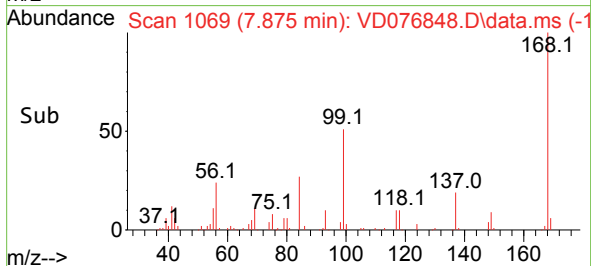
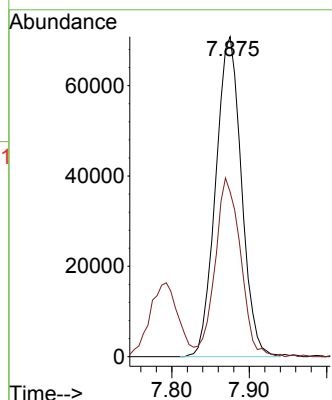
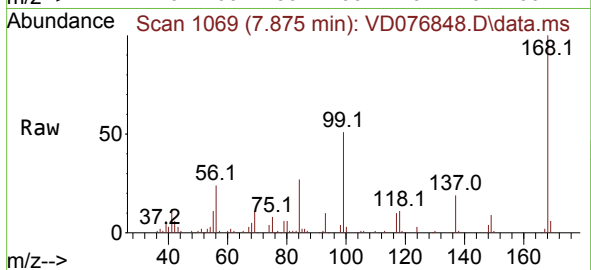
VD0728SBS01

Tgt Ion:168 Resp: 163795

Ion Ratio Lower Upper

168 100

99 50.7 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 20.486 ug/l

RT: 1.928 min Scan# 58

Delta R.T. 0.000 min

Lab File: VD076848.D

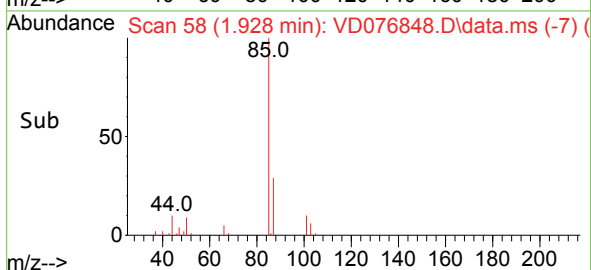
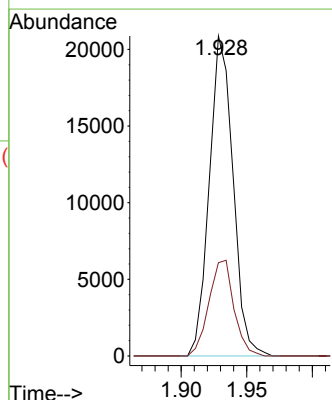
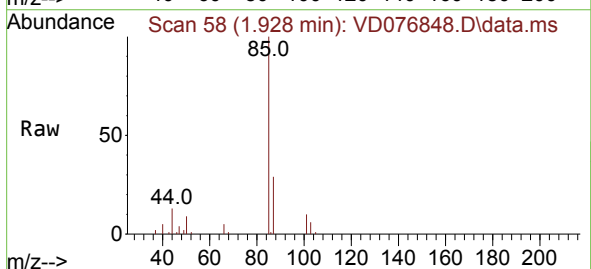
Acq: 28 Jul 2023 12:04

Tgt Ion: 85 Resp: 26239

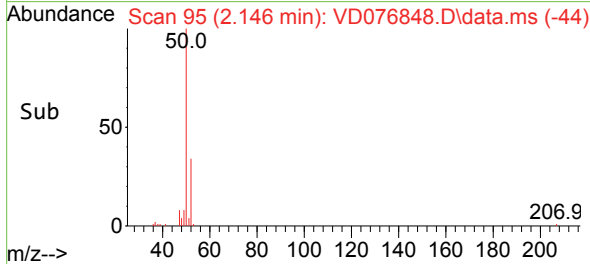
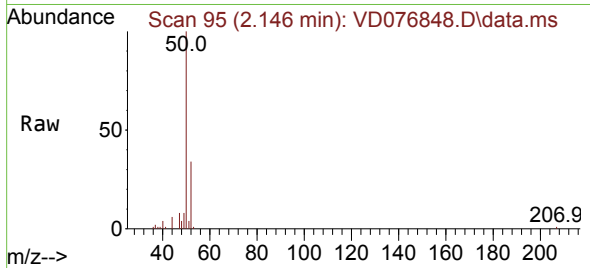
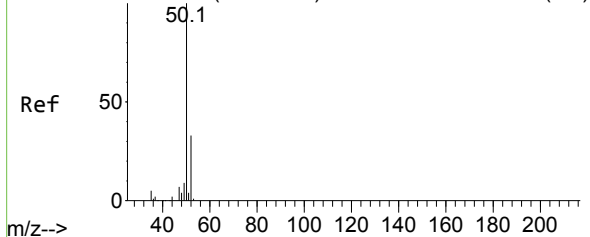
Ion Ratio Lower Upper

85 100

87 29.2 15.7 47.0



Abundance Scan 95 (2.146 min): VD076738.D\data.ms (-88)



#3

Chloromethane

Concen: 19.102 ug/l

RT: 2.146 min Scan# 95

Delta R.T. 0.000 min

Lab File: VD076848.D

Acq: 28 Jul 2023 12:04

Instrument :

MSVOA_D

ClientSampleId :

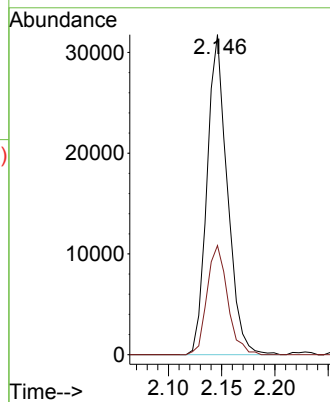
VD0728SBS01

Tgt Ion: 50 Resp: 42207

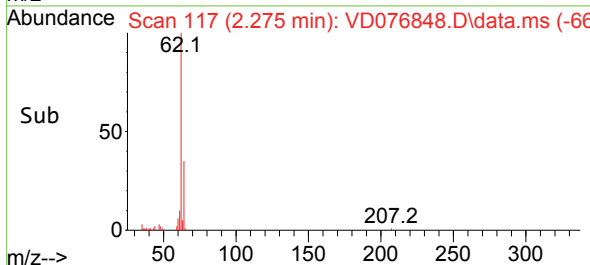
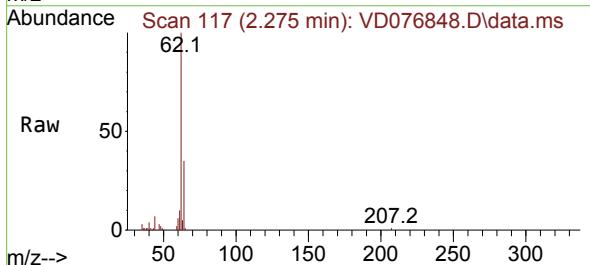
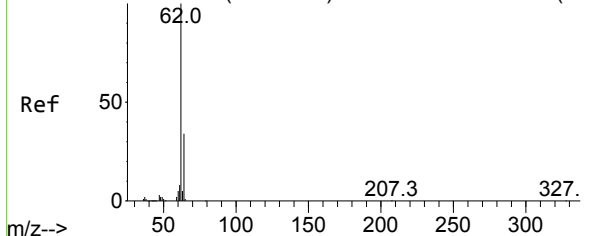
Ion Ratio Lower Upper

50 100

52 34.1 26.6 40.0



Abundance Scan 117 (2.275 min): VD076738.D\data.ms (-11)



#4

Vinyl Chloride

Concen: 19.610 ug/l

RT: 2.275 min Scan# 117

Delta R.T. 0.000 min

Lab File: VD076848.D

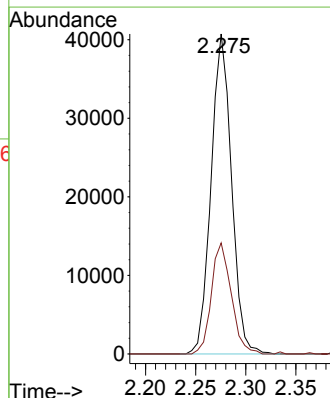
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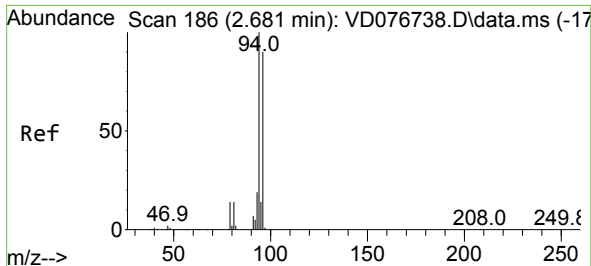
Tgt Ion: 62 Resp: 57759

Ion Ratio Lower Upper

62 100

64 34.7 26.0 39.0

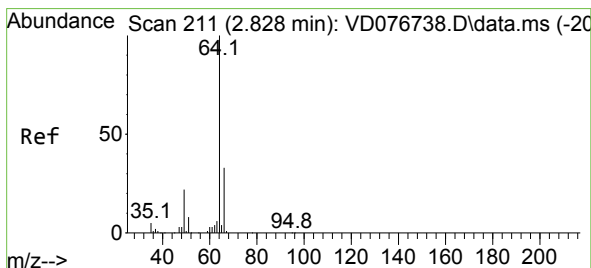
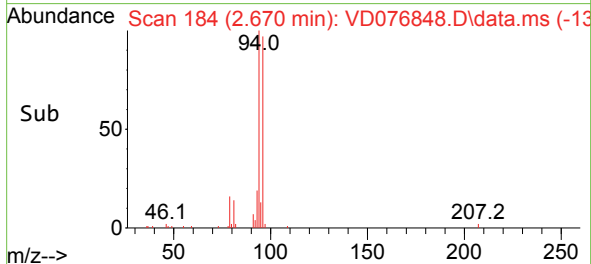
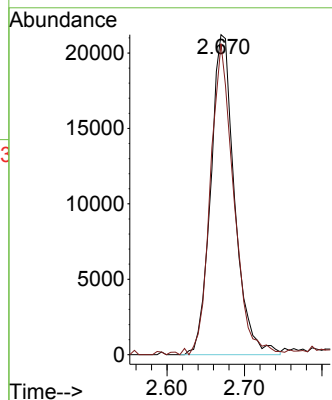
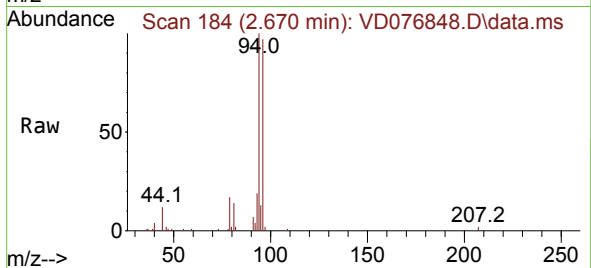




#5
Bromomethane
Concen: 18.805 ug/l
RT: 2.670 min Scan# 184
Delta R.T. -0.011 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

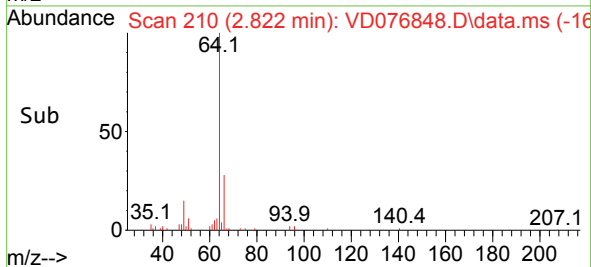
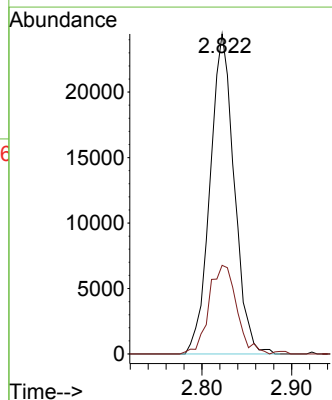
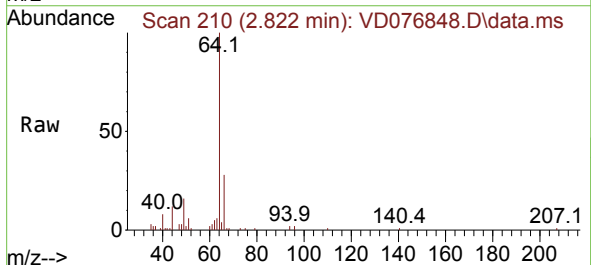
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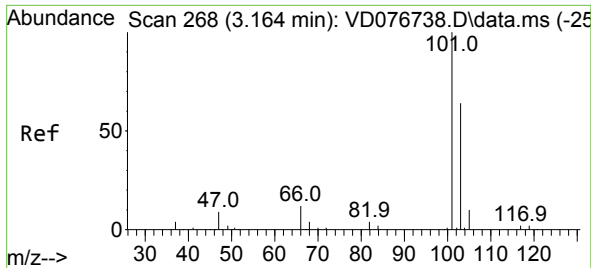
Tgt Ion: 94 Resp: 45570
Ion Ratio Lower Upper
94 100
96 95.0 75.8 113.8



#6
Chloroethane
Concen: 20.558 ug/l
RT: 2.822 min Scan# 210
Delta R.T. -0.006 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

Tgt Ion: 64 Resp: 45717
Ion Ratio Lower Upper
64 100
66 27.7 25.5 38.3

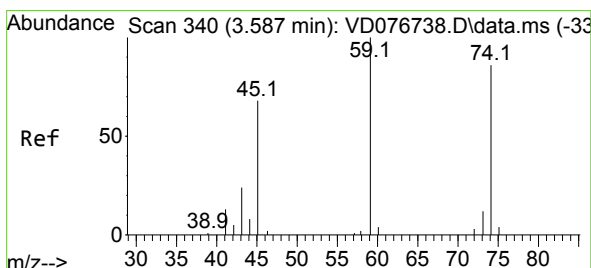
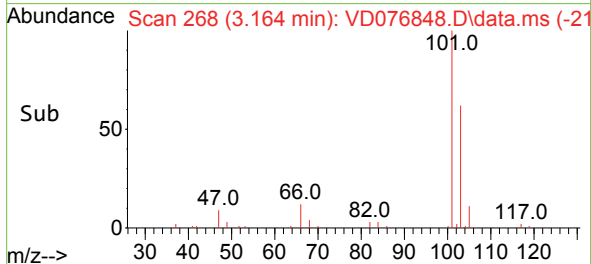
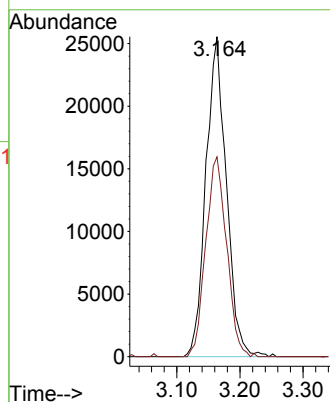
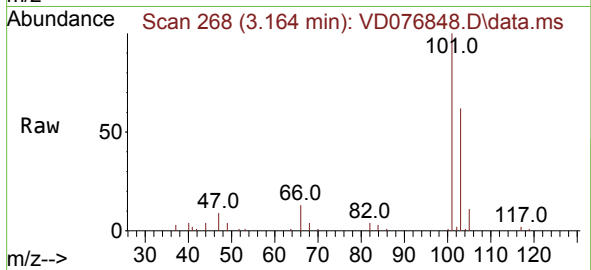




#7
 Trichlorofluoromethane
 Concen: 21.949 ug/l
 RT: 3.164 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD076848.D
 Acq: 28 Jul 2023 12:04

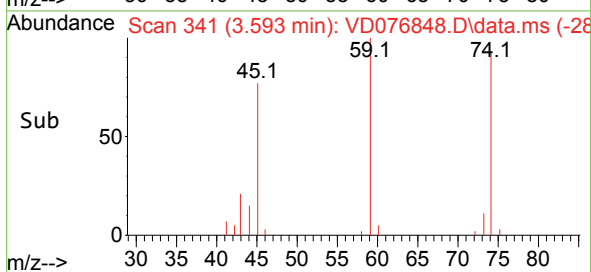
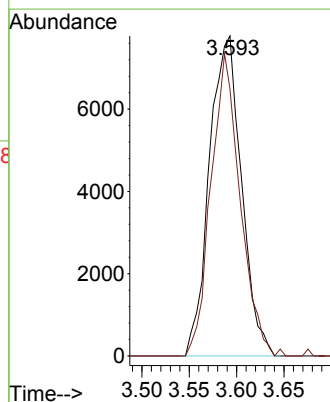
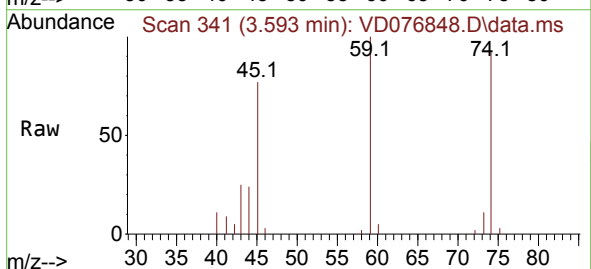
Instrument :
 MSVOA_D
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 VD0728SBS01

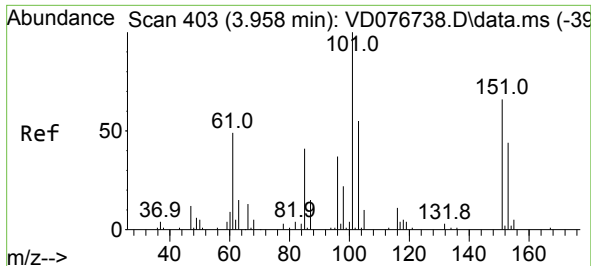
Tgt Ion:101 Resp: 57525
 Ion Ratio Lower Upper
 101 100
 103 62.4 52.3 78.5



#8
 Diethyl Ether
 Concen: 20.291 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VD076848.D
 Acq: 28 Jul 2023 12:04

Tgt Ion: 74 Resp: 18309
 Ion Ratio Lower Upper
 74 100
 45 86.1 37.5 112.7

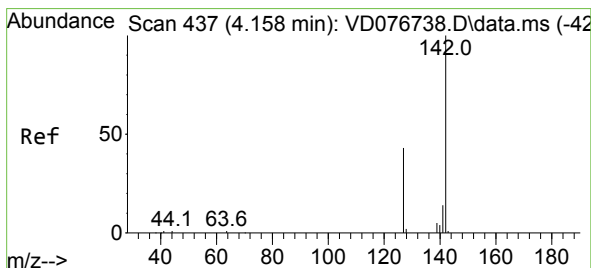
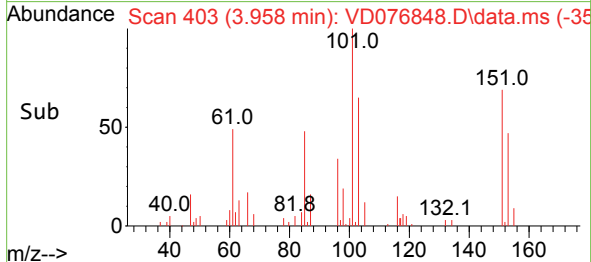
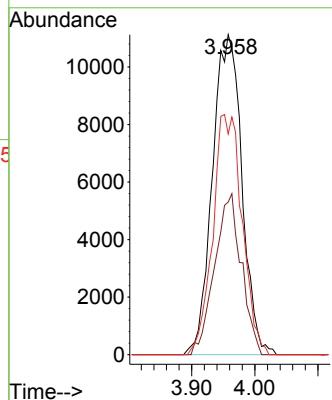
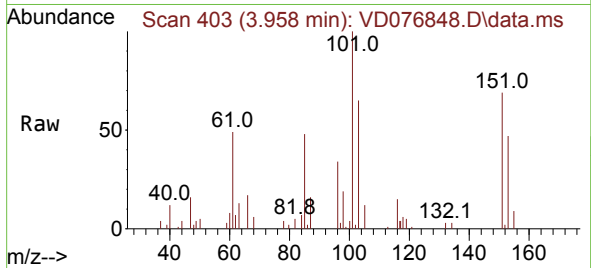




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.930 ug/l
RT: 3.958 min Scan# 403
Delta R.T. -0.000 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

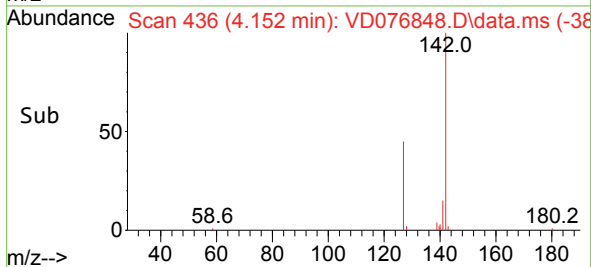
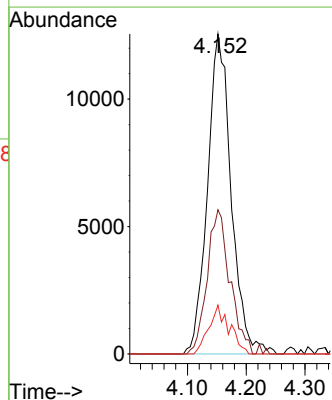
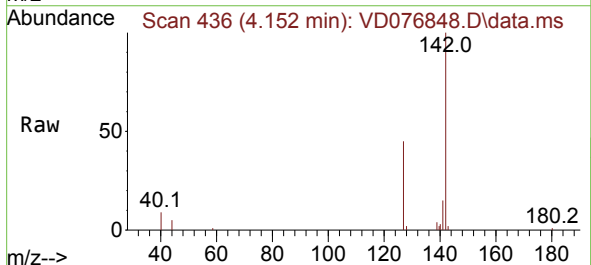
Instrument :
MSVOA_D
ClientSampleId :
VD0728SBS01

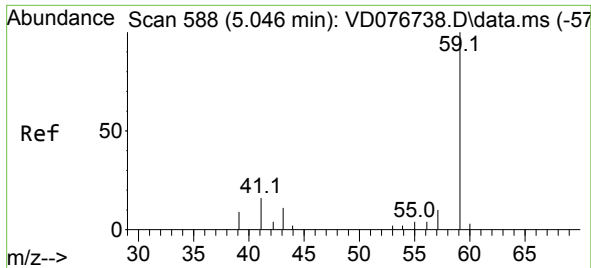
Tgt Ion:101	Resp:	36057
Ion Ratio	Lower	Upper
101	100	
85	45.7	33.8 50.6
151	74.8	59.8 89.6



#10
Methyl Iodide
Concen: 18.112 ug/l
RT: 4.152 min Scan# 436
Delta R.T. -0.006 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

Tgt Ion:142	Resp:	35174
Ion Ratio	Lower	Upper
142	100	
127	43.3	29.4 44.0
141	13.2	11.1 16.7





#11

Tert butyl alcohol

Concen: 109.692 ug/l

RT: 5.064 min Scan# 591

Delta R.T. 0.018 min

Lab File: VD076848.D

Acq: 28 Jul 2023 12:04

Instrument :

MSVOA_D

ClientSampleId :

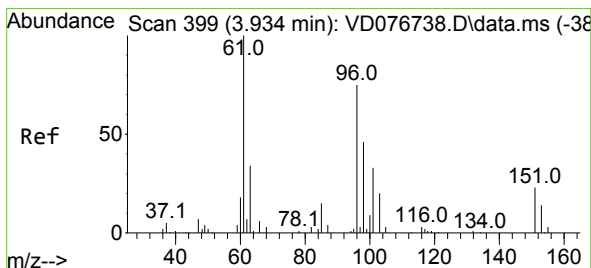
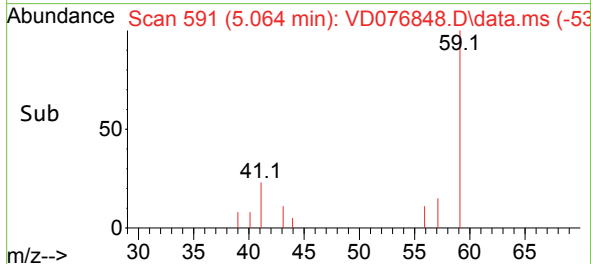
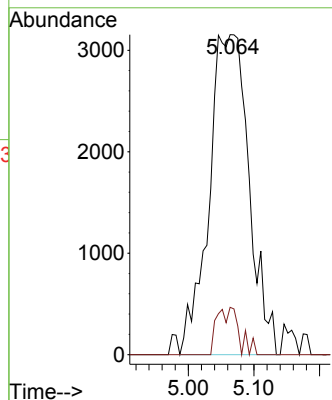
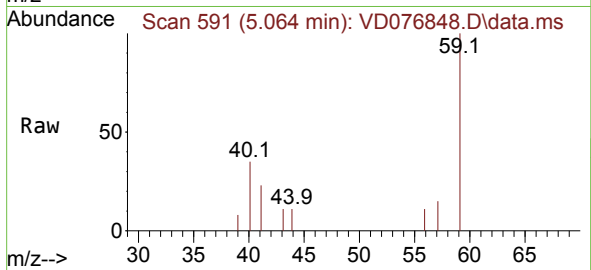
VD0728SBS01

Tgt Ion: 59 Resp: 13354

Ion Ratio Lower Upper

59 100

57 4.0 7.8 11.8#



#12

1,1-Dichloroethene

Concen: 19.993 ug/l

RT: 3.934 min Scan# 399

Delta R.T. 0.000 min

Lab File: VD076848.D

Acq: 28 Jul 2023 12:04

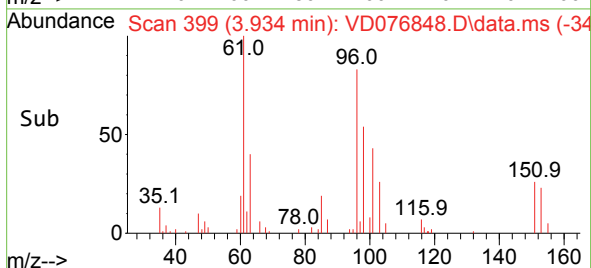
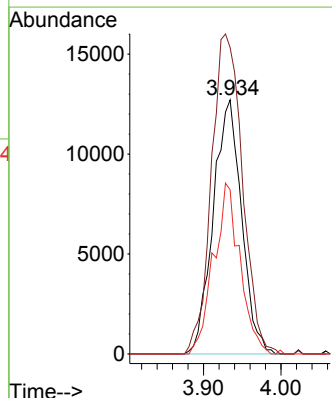
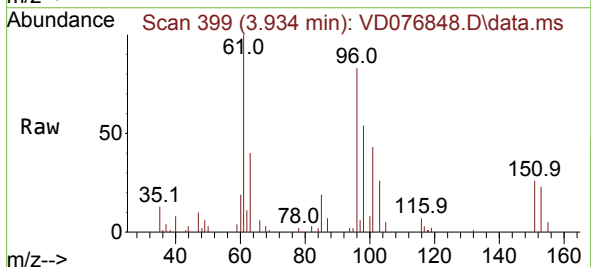
Tgt Ion: 96 Resp: 32360

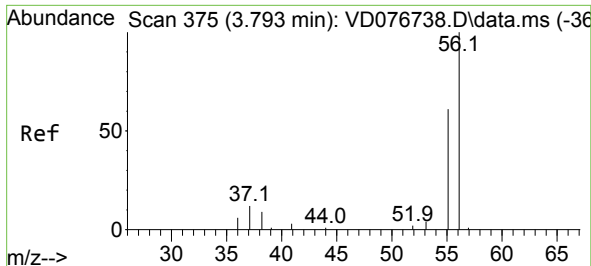
Ion Ratio Lower Upper

96 100

61 120.6 100.6 150.8

98 64.6 50.2 75.2

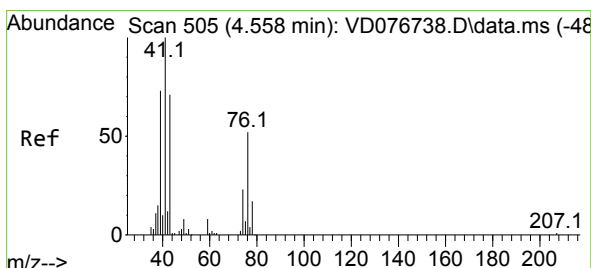
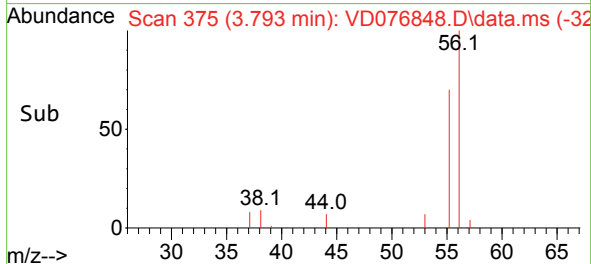
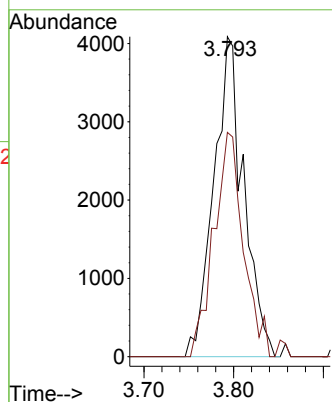
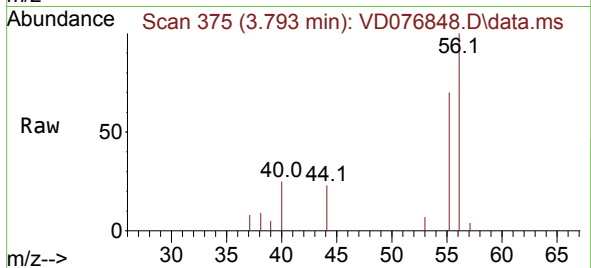




#13
Acrolein
Concen: 113.437 ug/l
RT: 3.793 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

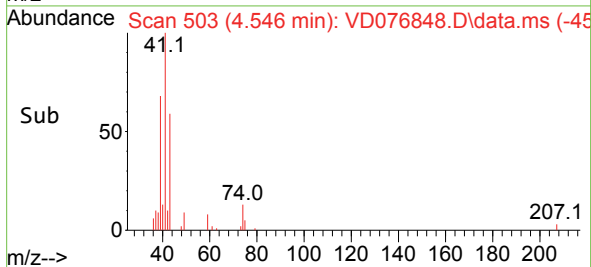
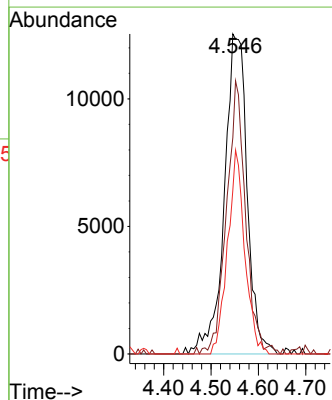
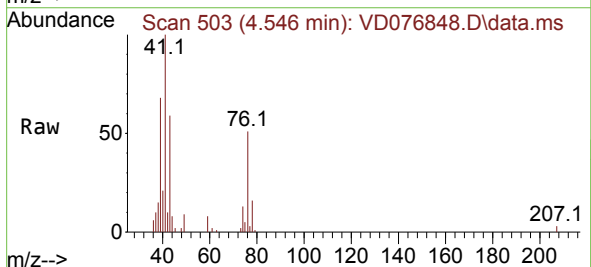
Instrument :
MSVOA_D
ClientSampleId :
VD0728SBS01

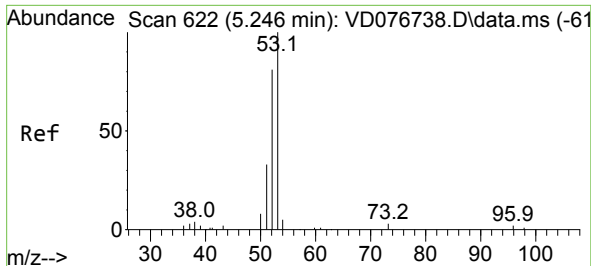
Tgt Ion: 56 Resp: 9411
Ion Ratio Lower Upper
56 100
55 69.5 55.1 82.7



#14
Allyl chloride
Concen: 19.764 ug/l
RT: 4.546 min Scan# 503
Delta R.T. -0.012 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

Tgt Ion: 41 Resp: 42023
Ion Ratio Lower Upper
41 100
39 70.7 53.8 80.6
76 48.1 45.8 68.8

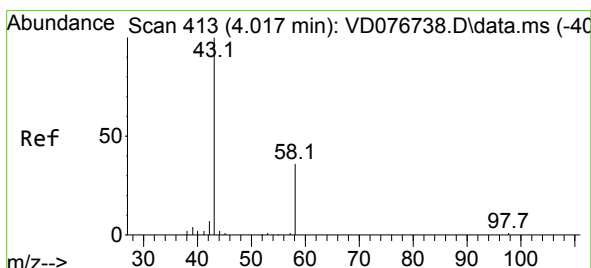
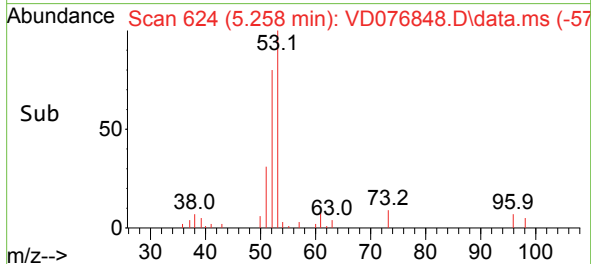
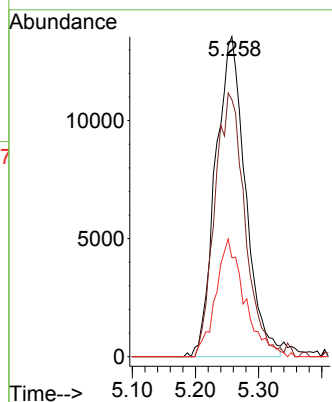
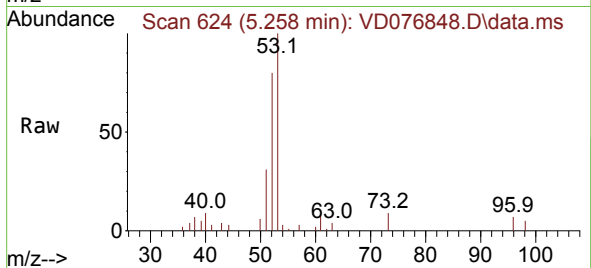




#15
Acrylonitrile
Concen: 100.623 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

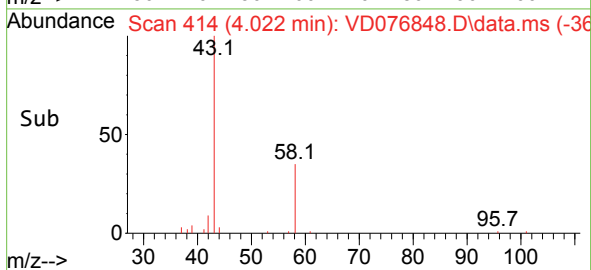
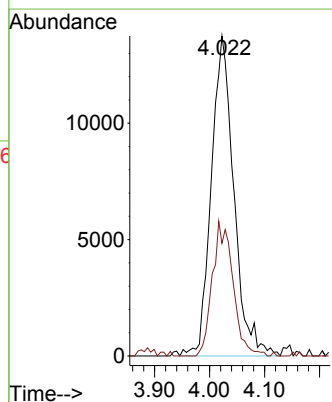
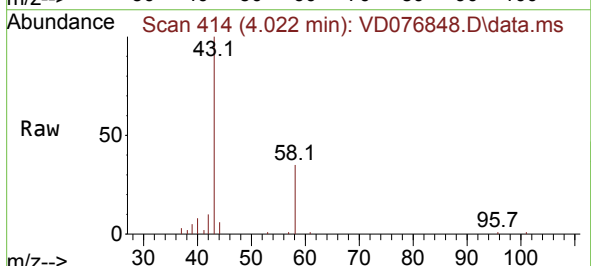
Instrument :
MSVOA_D
ClientSampleId :
VD0728SBS01

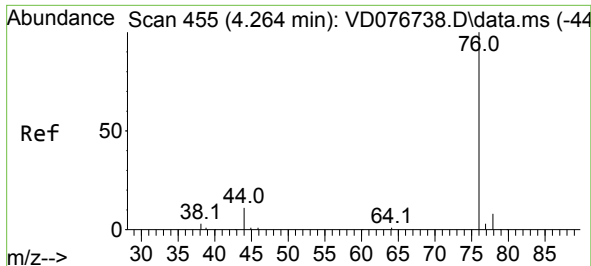
Tgt Ion: 53	Resp: 44594
Ion Ratio	Lower Upper
53	100
52	82.9 65.0 97.4
51	35.8 28.3 42.5



#16
Acetone
Concen: 100.733 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.005 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

Tgt Ion: 43	Resp: 39248
Ion Ratio	Lower Upper
43	100
58	35.2 34.7 52.1

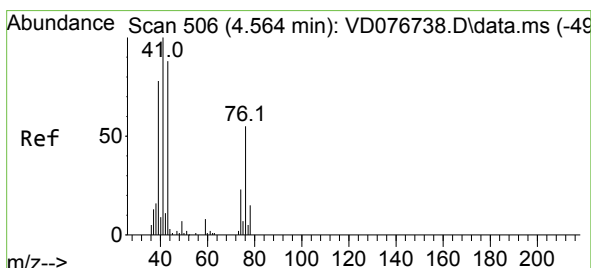
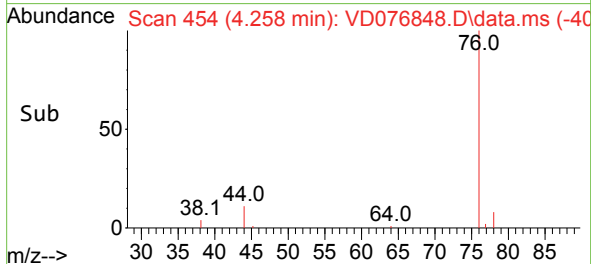
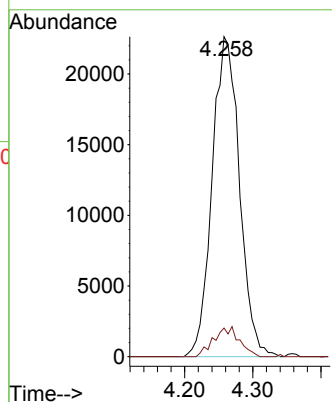
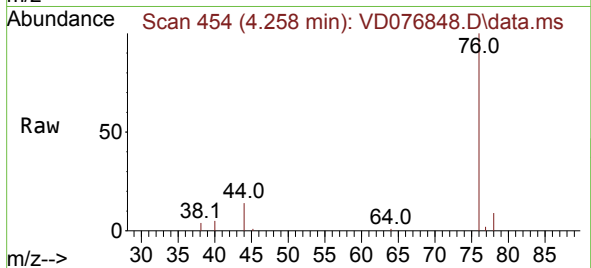




#17
Carbon Disulfide
Concen: 16.692 ug/l
RT: 4.258 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

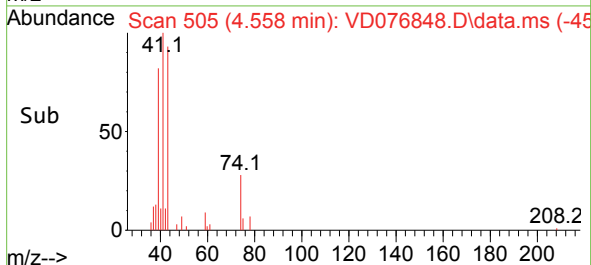
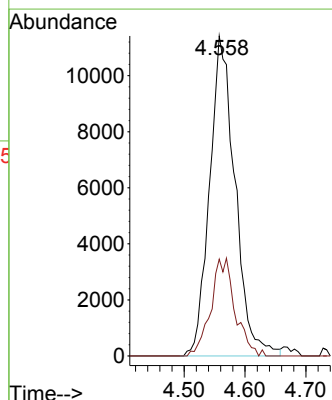
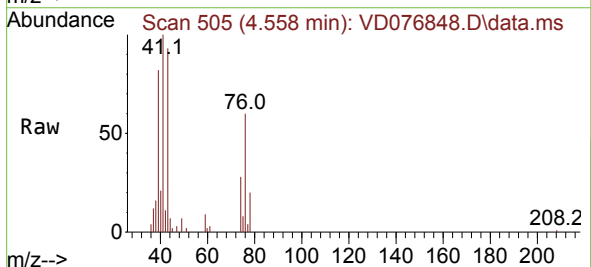
Instrument :
MSVOA_D
ClientSampleId :
VD0728SBS01

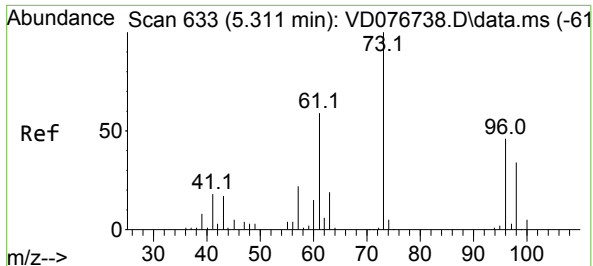
Tgt Ion: 76 Resp: 63102
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2



#18
Methyl Acetate
Concen: 22.652 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

Tgt Ion: 43 Resp: 33160
Ion Ratio Lower Upper
43 100
74 29.1 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 20.334 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.005 min

Lab File: VD076848.D

Acq: 28 Jul 2023 12:04

Instrument :

MSVOA_D

ClientSampleId :

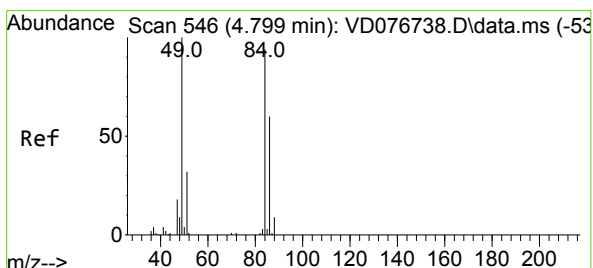
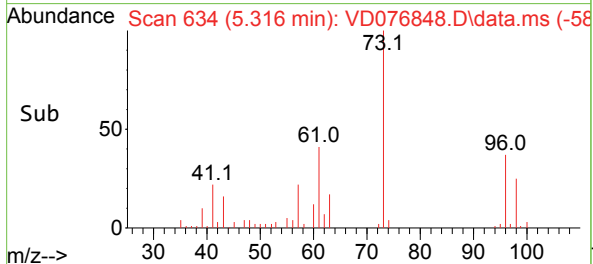
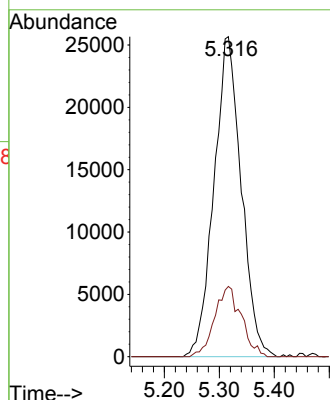
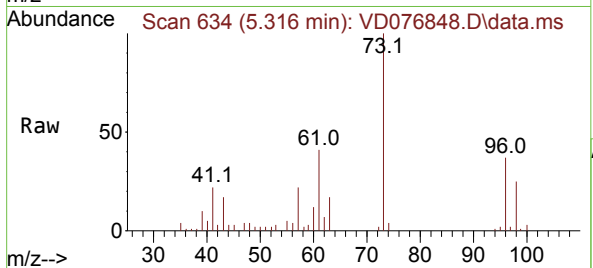
VD0728SBS01

Tgt Ion: 73 Resp: 88260

Ion Ratio Lower Upper

73 100

57 22.0 16.6 25.0



#20

Methylene Chloride

Concen: 24.659 ug/l

RT: 4.793 min Scan# 545

Delta R.T. -0.006 min

Lab File: VD076848.D

Acq: 28 Jul 2023 12:04

Tgt Ion: 84 Resp: 69320

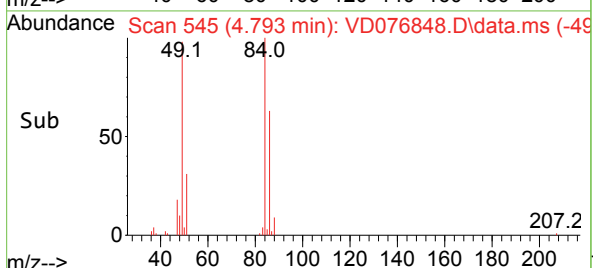
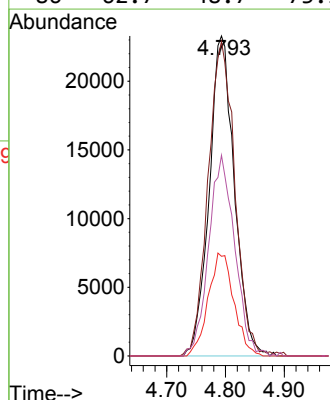
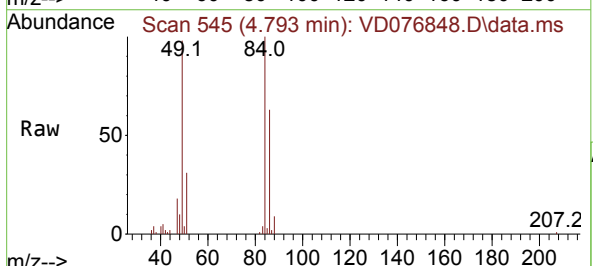
Ion Ratio Lower Upper

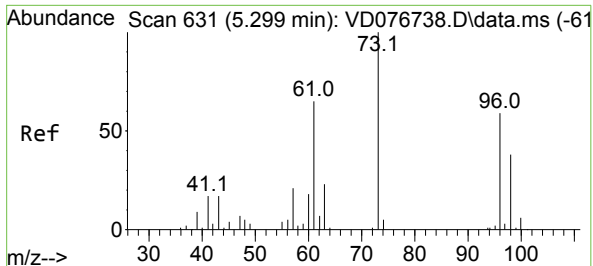
84 100

49 98.3 71.4 107.2

51 31.2 24.5 36.7

86 62.7 48.7 73.1

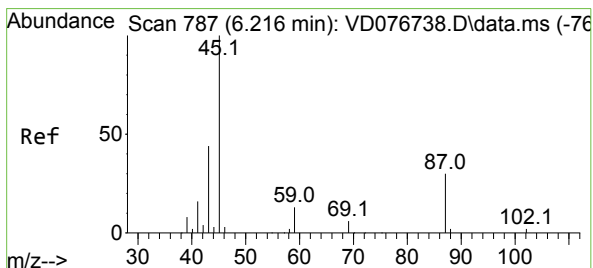
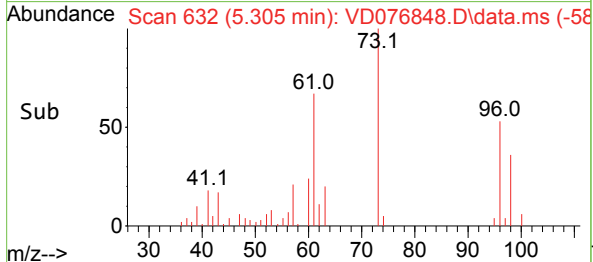
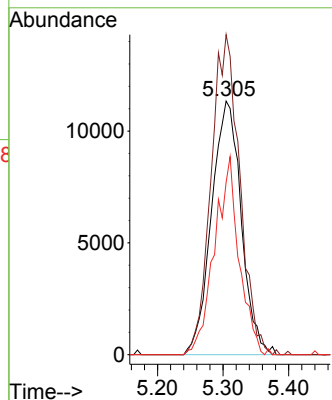
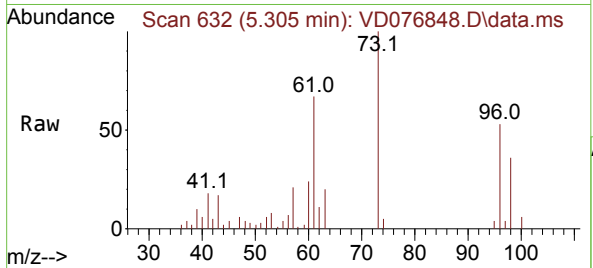




#21
trans-1,2-Dichloroethene
Concen: 18.927 ug/l
RT: 5.305 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

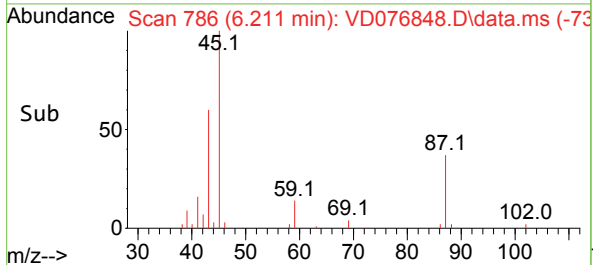
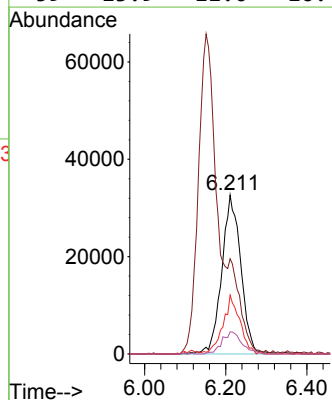
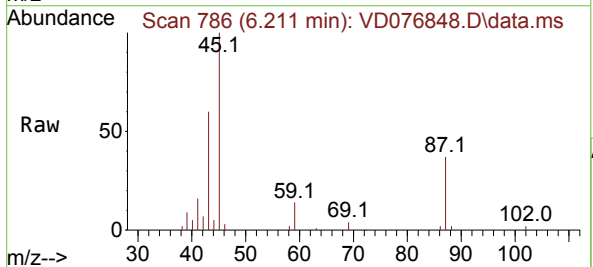
Instrument :
MSVOA_D
ClientSampleId :
VD0728SBS01

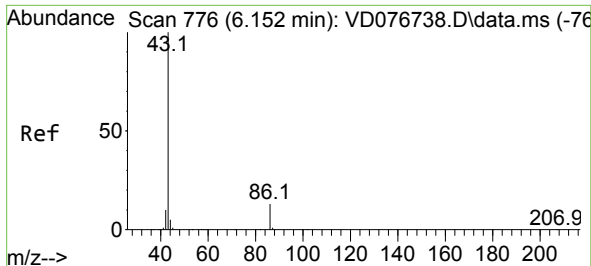
Tgt Ion: 96 Resp: 35610
Ion Ratio Lower Upper
96 100
61 126.2 89.3 133.9
98 67.9 48.6 73.0



#22
Diisopropyl ether
Concen: 21.248 ug/l
RT: 6.211 min Scan# 786
Delta R.T. -0.005 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

Tgt Ion: 45 Resp: 106981
Ion Ratio Lower Upper
45 100
43 59.9 40.0 60.0
87 37.0 28.2 42.4
59 13.9 11.0 16.4

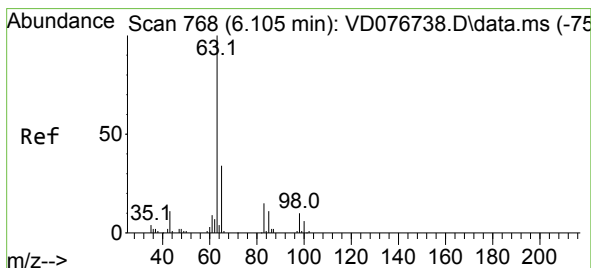
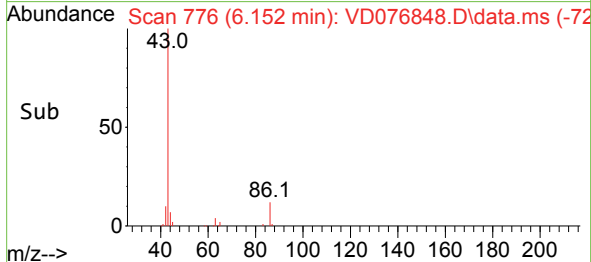
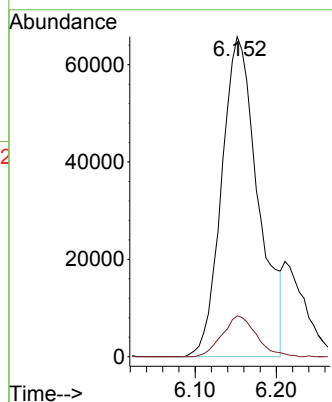
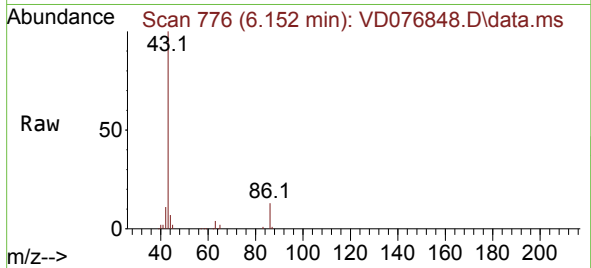




#23
 Vinyl Acetate
 Concen: 82.503 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD076848.D
 Acq: 28 Jul 2023 12:04

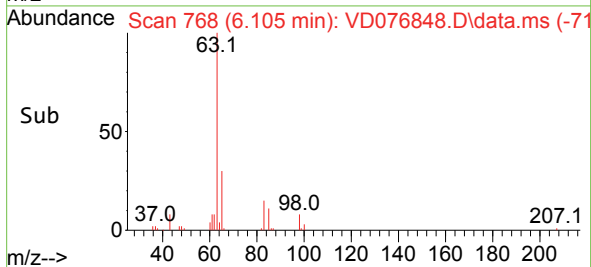
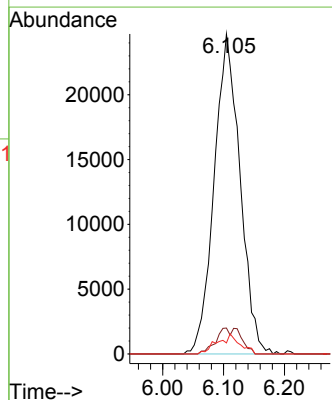
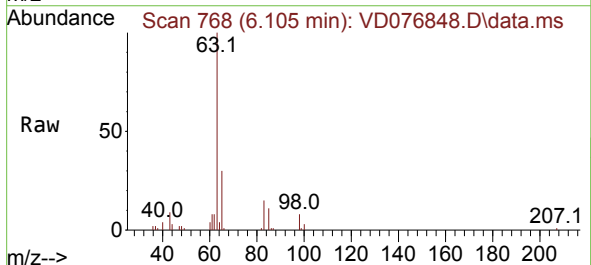
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0728SBS01

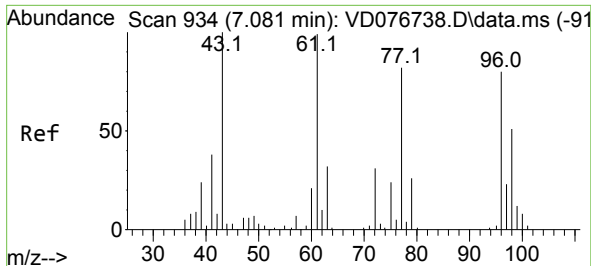
Tgt Ion: 43 Resp: 205529
 Ion Ratio Lower Upper
 43 100
 86 12.7 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 21.449 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.000 min
 Lab File: VD076848.D
 Acq: 28 Jul 2023 12:04

Tgt Ion: 63 Resp: 72814
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.5 13.7
 100 3.5 2.5 7.5





#25

2-Butanone

Concen: 105.958 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD076848.D

Acq: 28 Jul 2023 12:04

Instrument :

MSVOA_D

ClientSampleId :

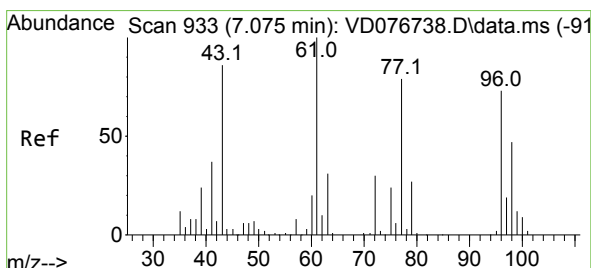
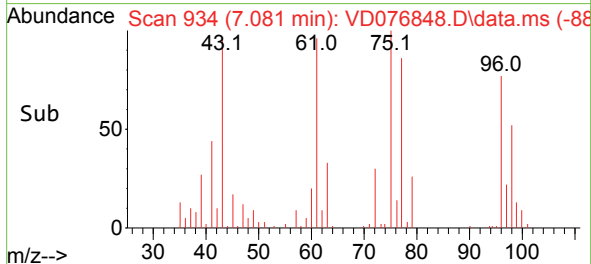
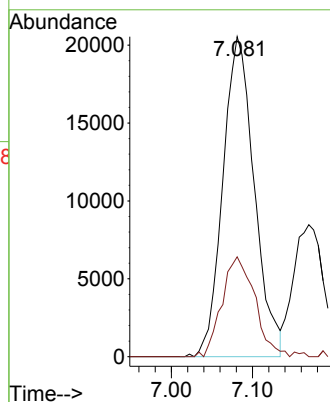
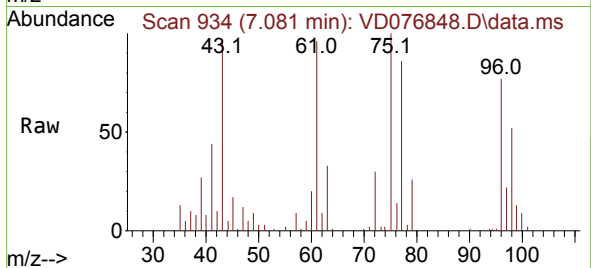
VD0728SBS01

Tgt Ion: 43 Resp: 55252

Ion Ratio Lower Upper

43 100

72 31.2 30.7 46.1



#26

2,2-Dichloropropane

Concen: 20.954 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD076848.D

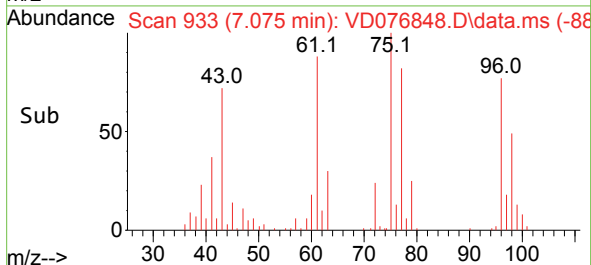
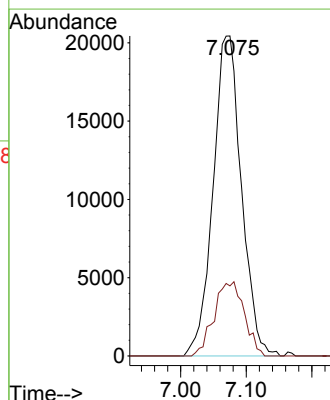
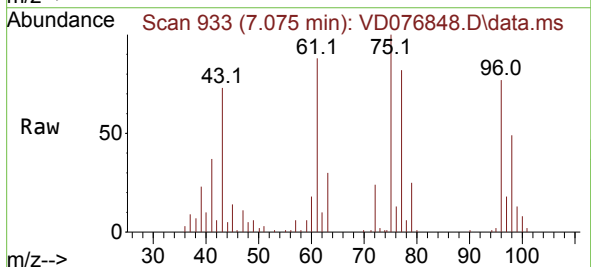
Acq: 28 Jul 2023 12:04

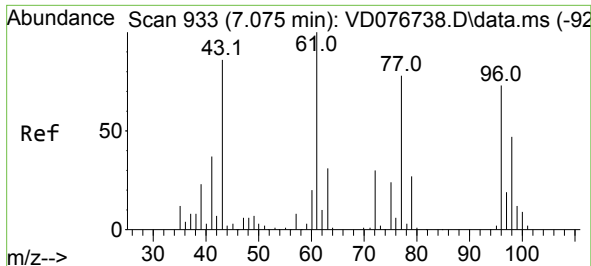
Tgt Ion: 77 Resp: 61318

Ion Ratio Lower Upper

77 100

97 24.7 13.2 39.6

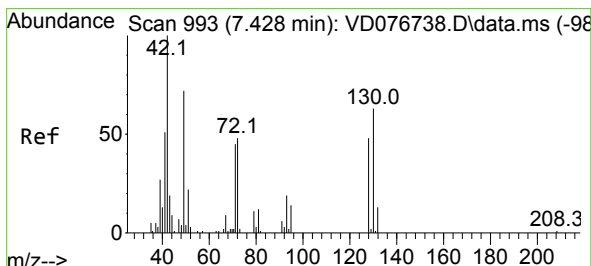
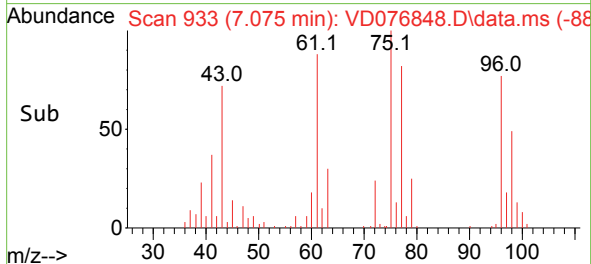
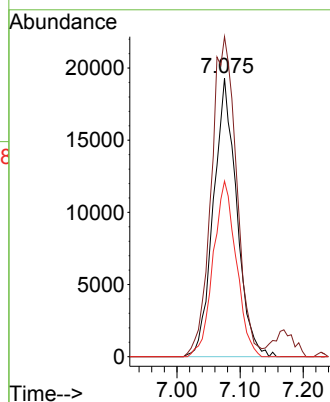
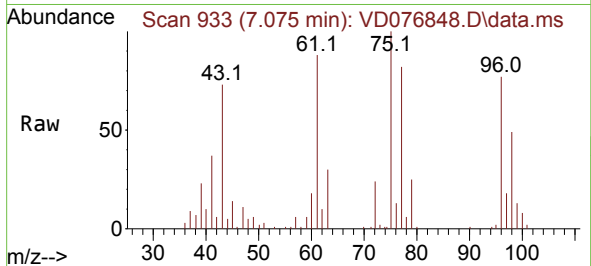




#27
 cis-1,2-Dichloroethene
 Concen: 21.290 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD076848.D
 Acq: 28 Jul 2023 12:04

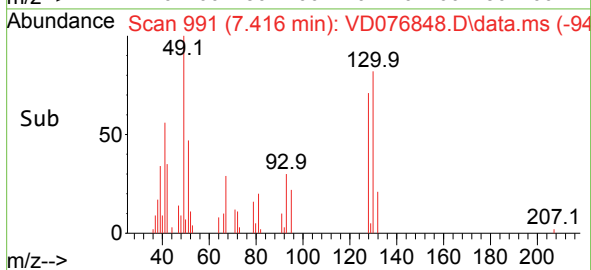
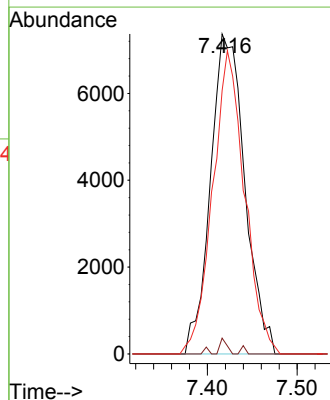
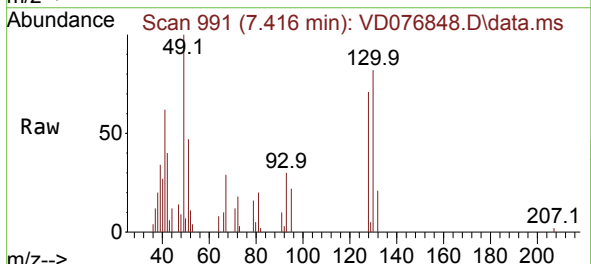
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0728SBS01

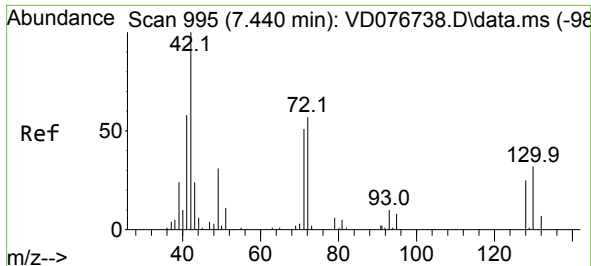
Tgt Ion: 96 Resp: 49378
 Ion Ratio Lower Upper
 96 100
 61 125.2 0.0 239.2
 98 62.6 0.0 128.6



#28
 Bromochloromethane
 Concen: 23.001 ug/l
 RT: 7.416 min Scan# 991
 Delta R.T. -0.012 min
 Lab File: VD076848.D
 Acq: 28 Jul 2023 12:04

Tgt Ion: 49 Resp: 19521
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 6.0
 130 88.2 83.2 124.8





#29

Tetrahydrofuran

Concen: 107.250 ug/l

RT: 7.446 min Scan# 995

Delta R.T. 0.006 min

Lab File: VD076848.D

Acq: 28 Jul 2023 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0728SBS01

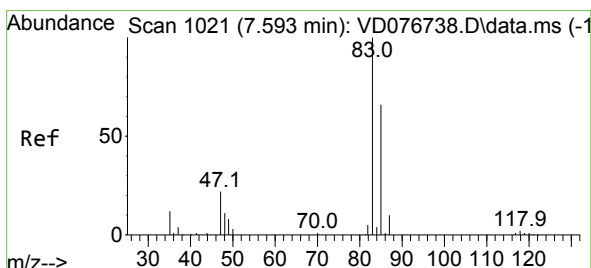
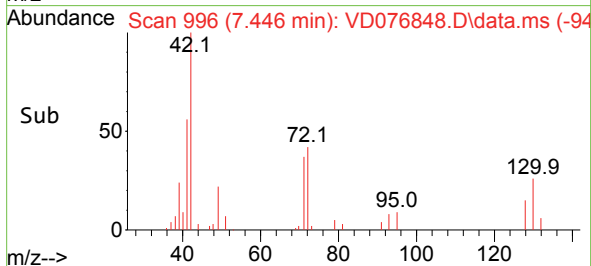
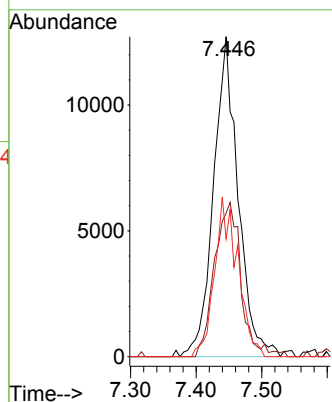
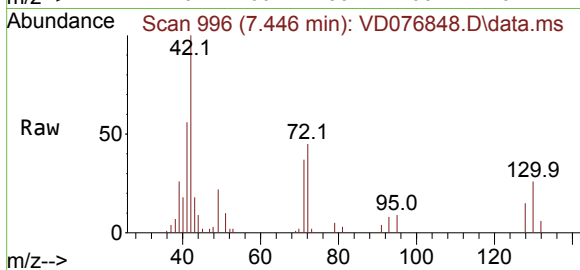
Tgt Ion: 42 Resp: 33043

Ion Ratio Lower Upper

42 100

72 51.4 46.5 69.7

71 47.2 44.5 66.7



#30

Chloroform

Concen: 22.178 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD076848.D

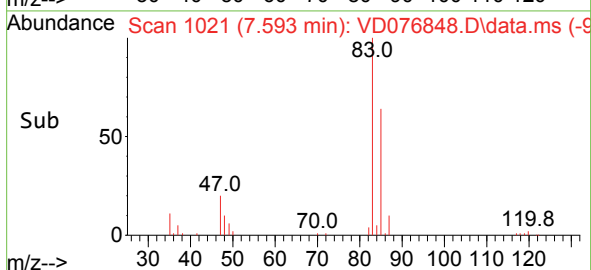
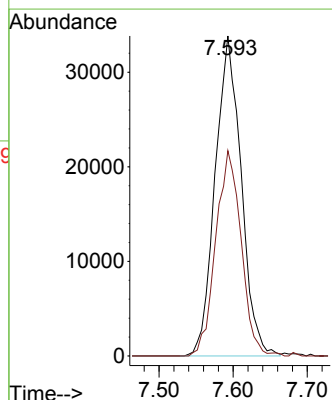
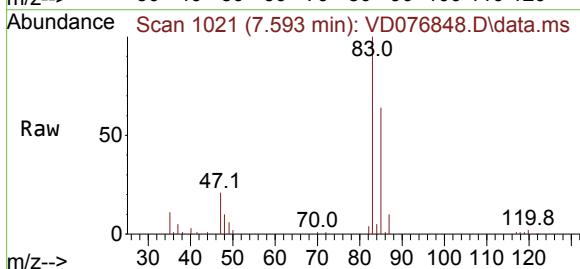
Acq: 28 Jul 2023 12:04

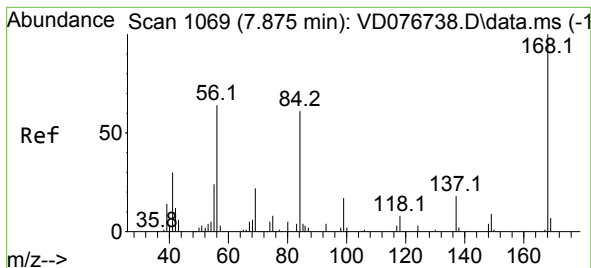
Tgt Ion: 83 Resp: 82461

Ion Ratio Lower Upper

83 100

85 64.2 53.4 80.2





#31

Cyclohexane

Concen: 19.067 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD076848.D

Acq: 28 Jul 2023 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0728SBS01

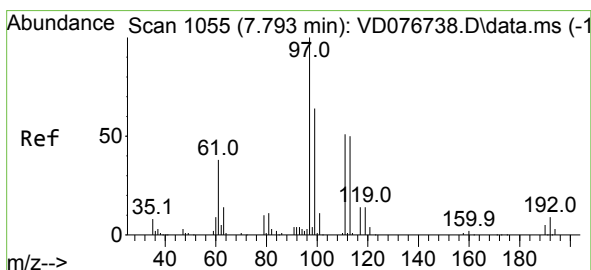
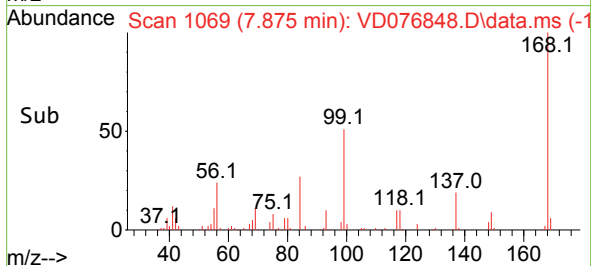
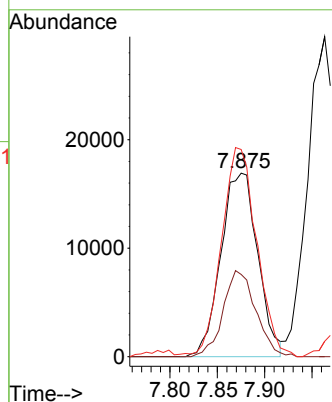
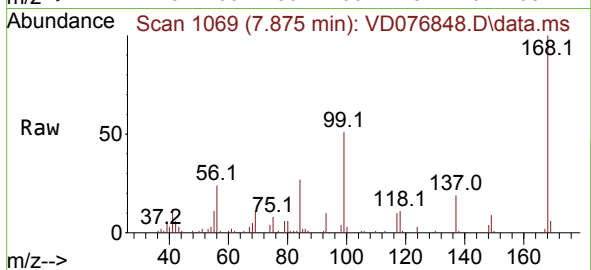
Tgt Ion: 56 Resp: 45779

Ion Ratio Lower Upper

56 100

69 44.8 28.6 43.0#

84 111.5 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 21.979 ug/l

RT: 7.787 min Scan# 1054

Delta R.T. -0.006 min

Lab File: VD076848.D

Acq: 28 Jul 2023 12:04

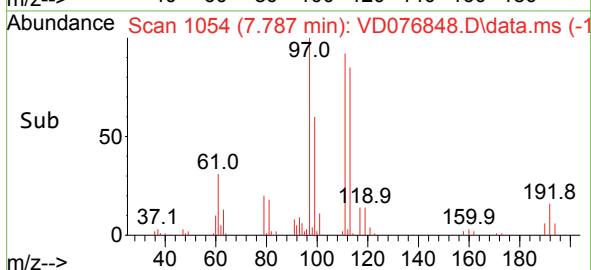
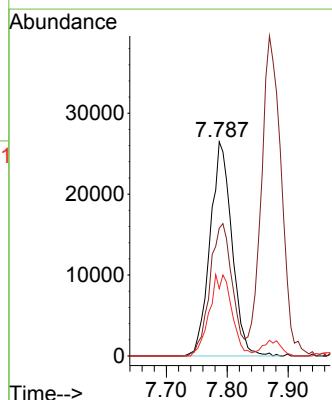
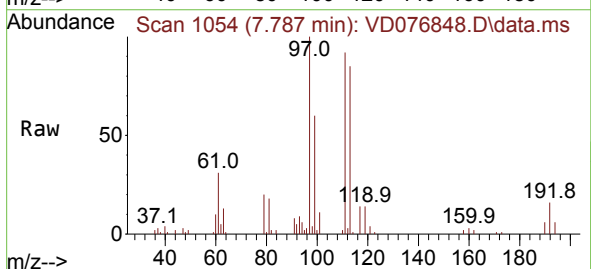
Tgt Ion: 97 Resp: 65933

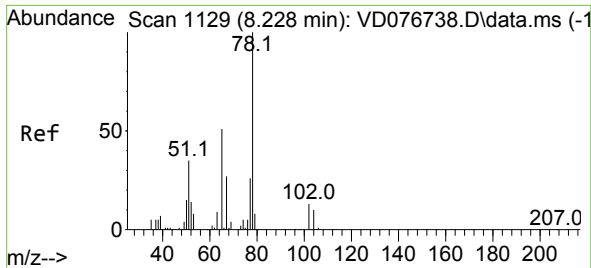
Ion Ratio Lower Upper

97 100

99 63.4 52.0 78.0

61 39.2 33.8 50.8

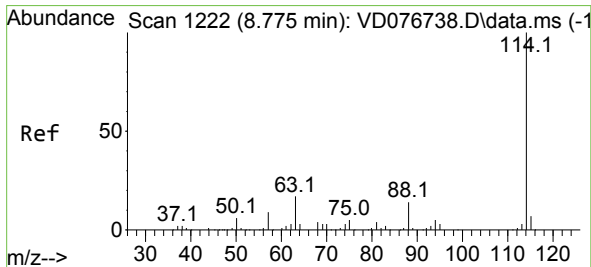
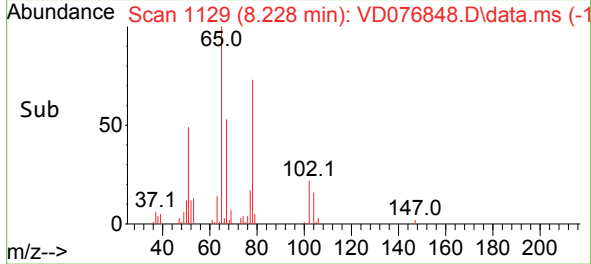
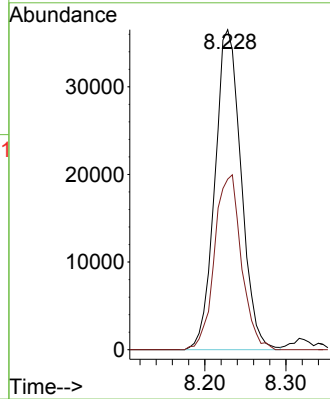
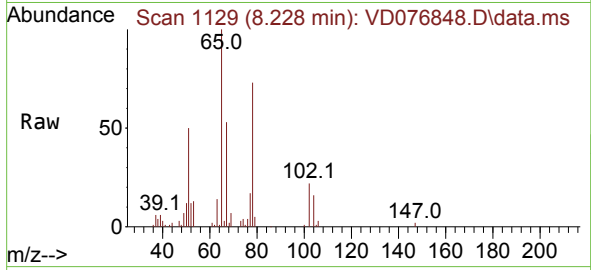




#33
 1,2-Dichloroethane-d4
 Concen: 50.288 ug/l
 RT: 8.228 min Scan# 1129
 Delta R.T. 0.000 min
 Lab File: VD076848.D
 Acq: 28 Jul 2023 12:04

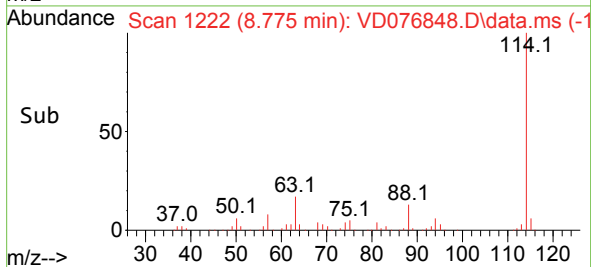
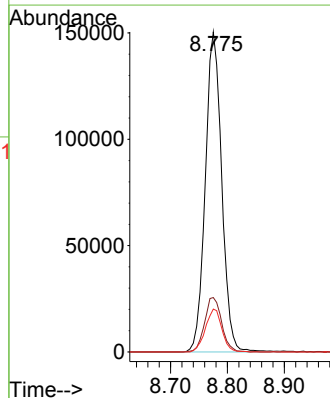
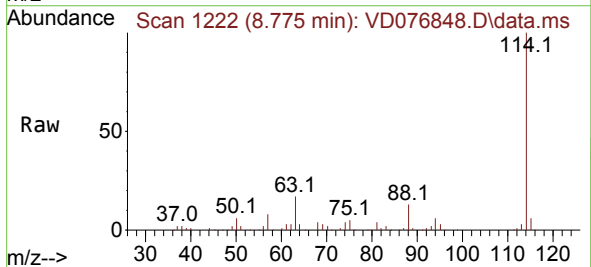
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0728SBS01

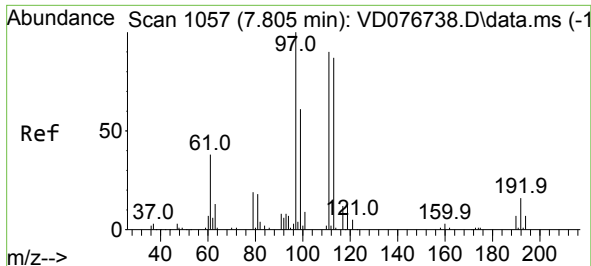
Tgt Ion: 65 Resp: 82043
 Ion Ratio Lower Upper
 65 100
 67 56.0 0.0 115.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.775 min Scan# 1222
 Delta R.T. 0.000 min
 Lab File: VD076848.D
 Acq: 28 Jul 2023 12:04

Tgt Ion: 114 Resp: 301394
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 33.4
 88 13.4 0.0 26.2

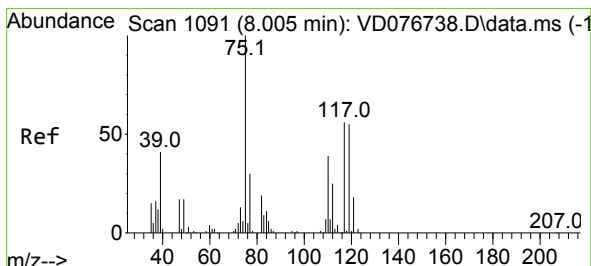
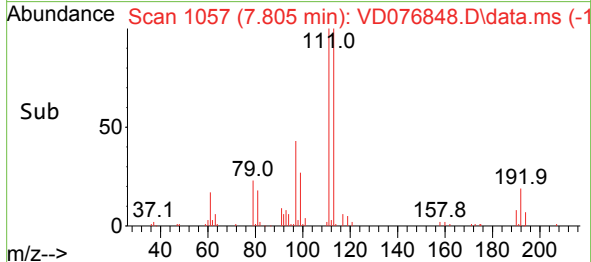
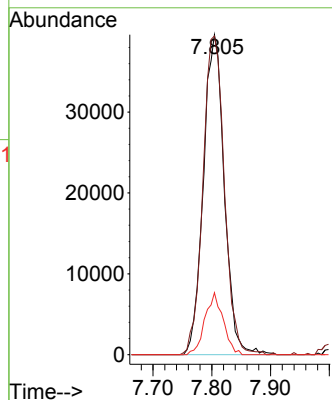
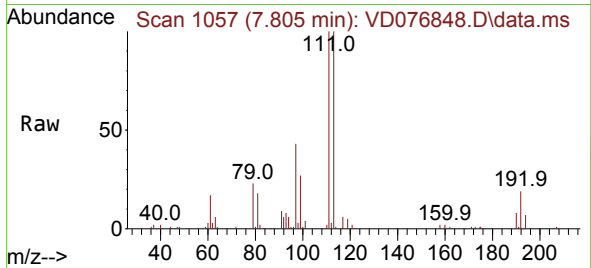




#35
Dibromofluoromethane
Concen: 51.618 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

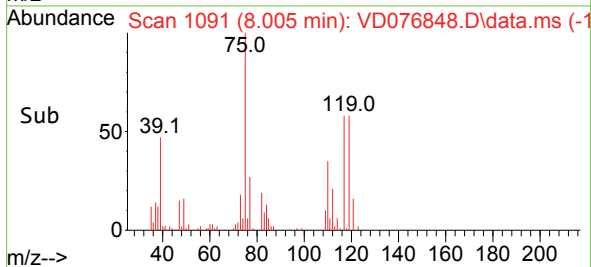
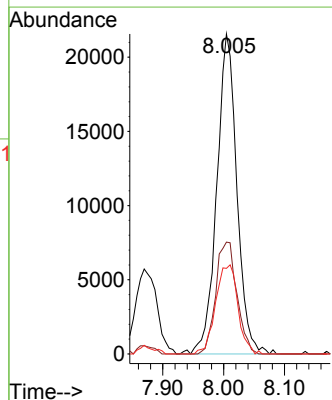
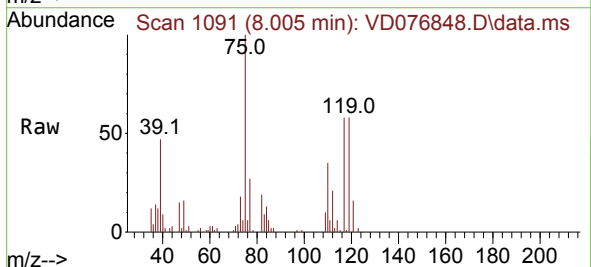
Instrument :
MSVOA_D
ClientSampleId :
VD0728SBS01

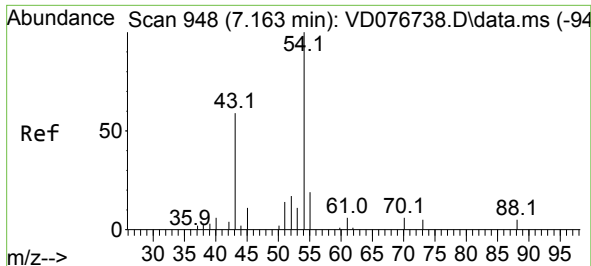
Tgt Ion:113 Resp: 97763
Ion Ratio Lower Upper
113 100
111 101.7 84.7 127.1
192 16.8 16.8 25.2



#36
1,1-Dichloropropene
Concen: 20.035 ug/l
RT: 8.005 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

Tgt Ion: 75 Resp: 49585
Ion Ratio Lower Upper
75 100
110 36.7 19.9 59.6
77 30.8 24.7 37.1





#37

Ethyl Acetate

Concen: 20.459 ug/l

RT: 7.169 min Scan# 948

Delta R.T. 0.006 min

Lab File: VD076848.D

Acq: 28 Jul 2023 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0728SBS01

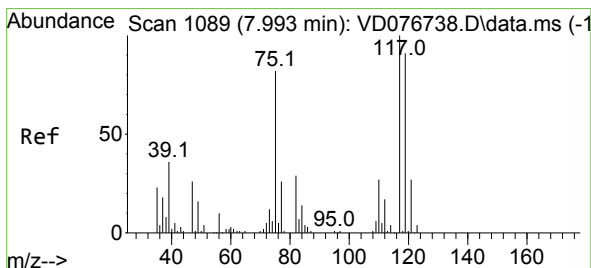
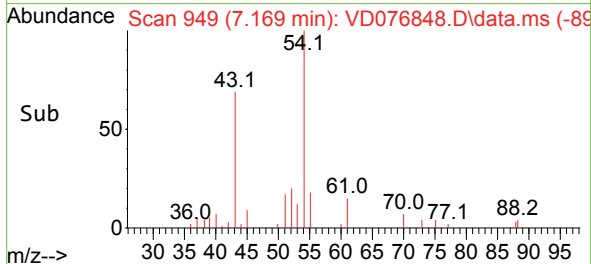
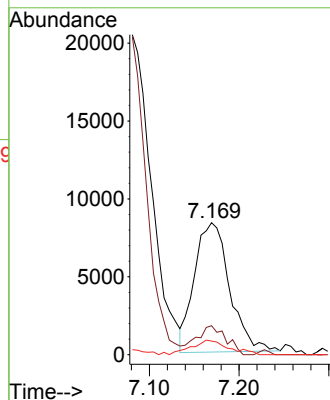
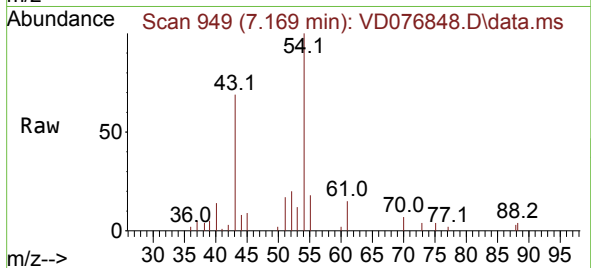
Tgt Ion: 43 Resp: 22644

Ion Ratio Lower Upper

43 100

61 19.1 14.9 22.3

70 11.7 10.0 15.0



#38

Carbon Tetrachloride

Concen: 21.434 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD076848.D

Acq: 28 Jul 2023 12:04

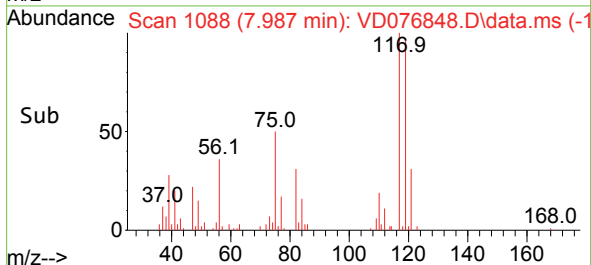
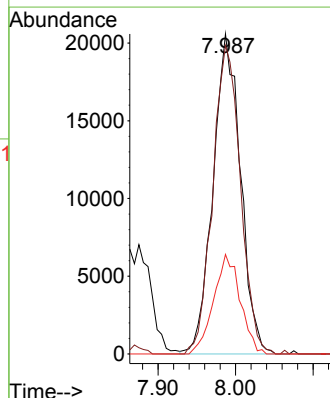
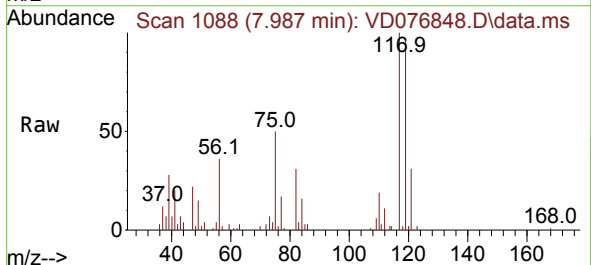
Tgt Ion: 117 Resp: 50793

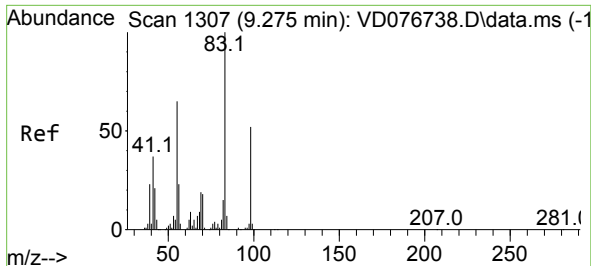
Ion Ratio Lower Upper

117 100

119 96.4 78.0 117.0

121 31.1 24.2 36.2





#39

Methylcyclohexane

Concen: 19.003 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD076848.D

Acq: 28 Jul 2023 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0728SBS01

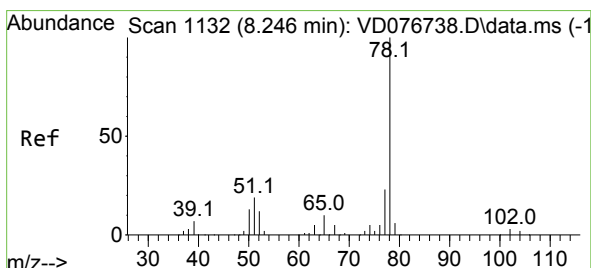
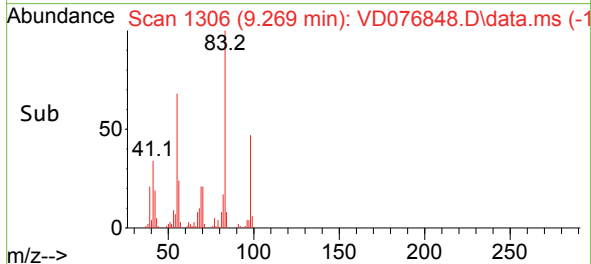
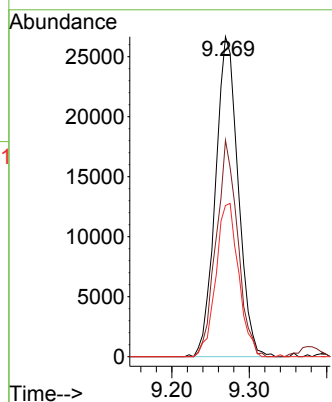
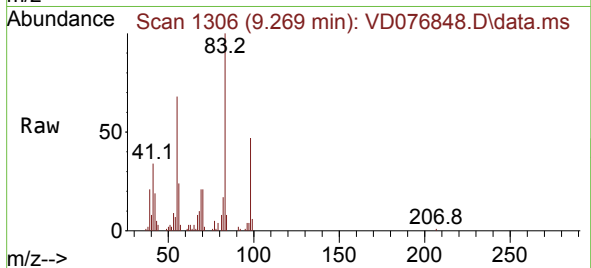
Tgt Ion: 83 Resp: 54304

Ion Ratio Lower Upper

83 100

55 67.6 49.4 74.0

98 47.2 38.4 57.6



#40

Benzene

Concen: 20.496 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VD076848.D

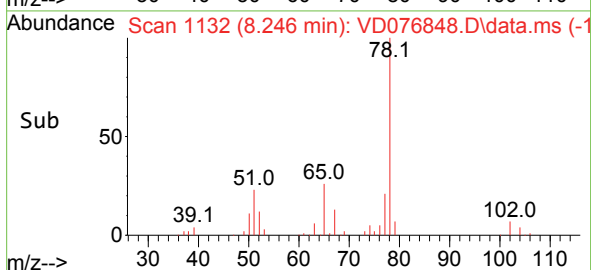
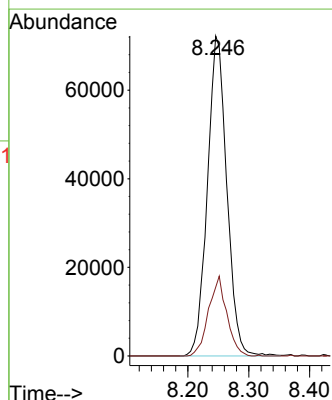
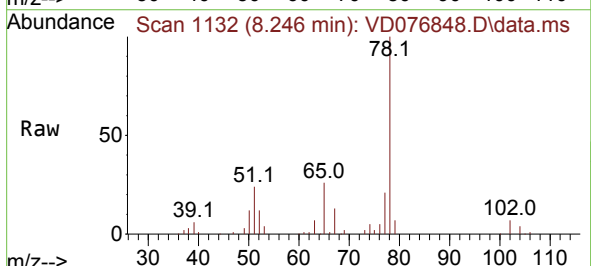
Acq: 28 Jul 2023 12:04

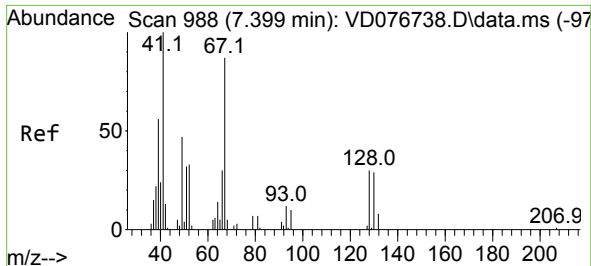
Tgt Ion: 78 Resp: 160052

Ion Ratio Lower Upper

78 100

77 21.5 19.4 29.0

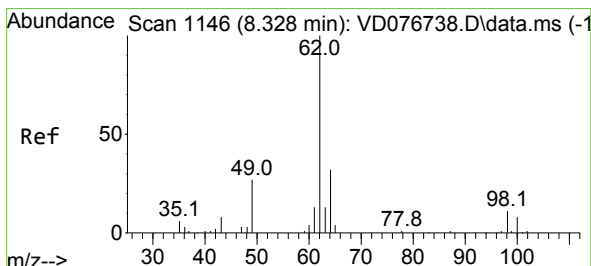
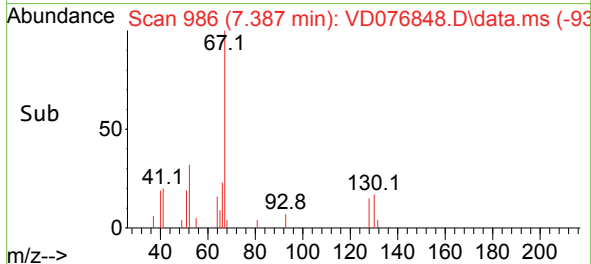
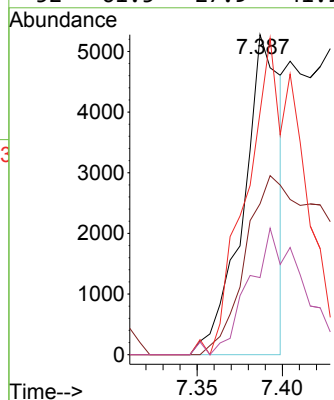
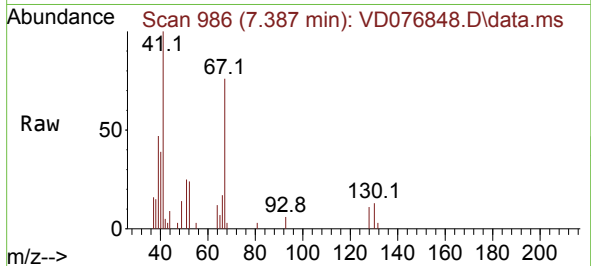




#41
Methacrylonitrile
Concen: 11.870 ug/l
RT: 7.387 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

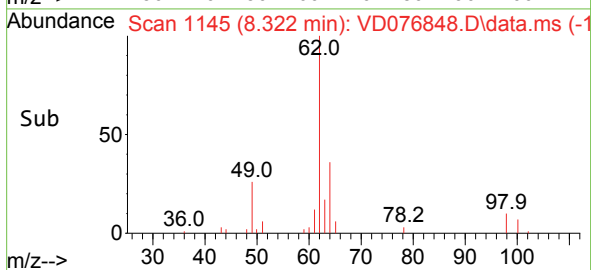
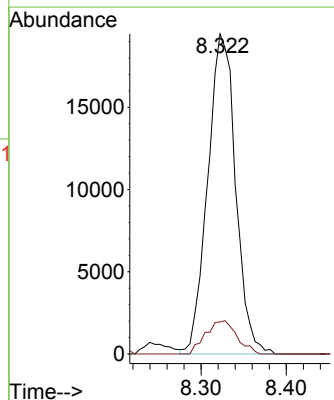
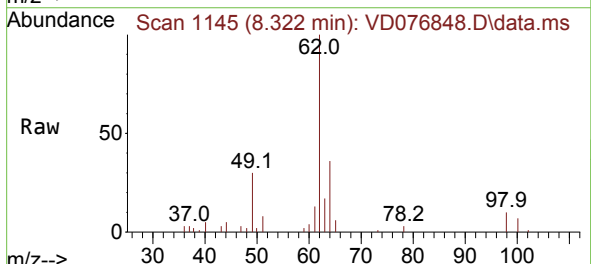
Instrument :
MSVOA_D
ClientSampleId :
VD0728SBS01

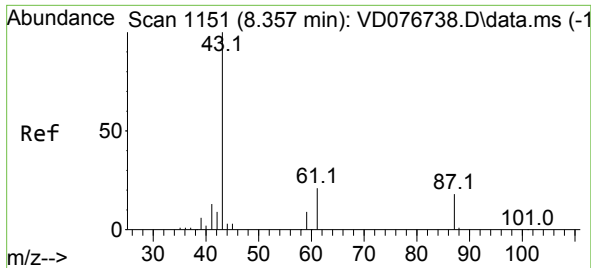
Tgt Ion:	41	Resp:	8023
Ion	Ratio	Lower	Upper
41	100		
39	109.3	34.0	51.0#
67	150.1	77.0	115.4#
52	61.5	27.9	41.9#



#42
1,2-Dichloroethane
Concen: 21.814 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

Tgt Ion:	62	Resp:	44260
Ion	Ratio	Lower	Upper
62	100		
98	11.6	0.0	25.4

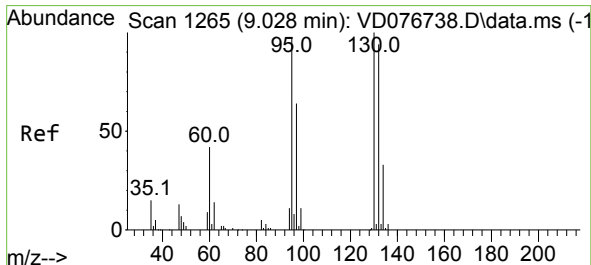
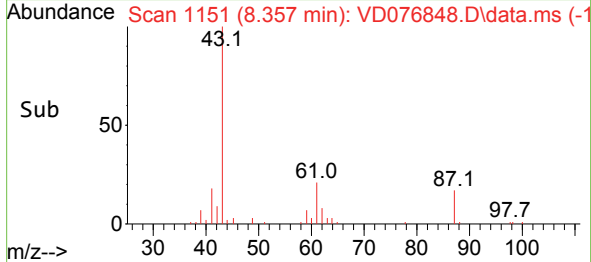
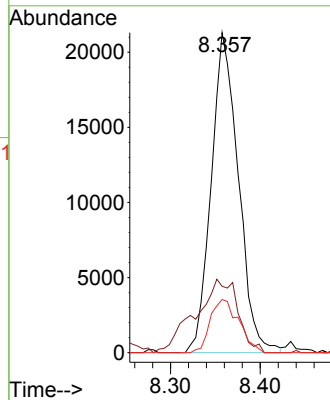
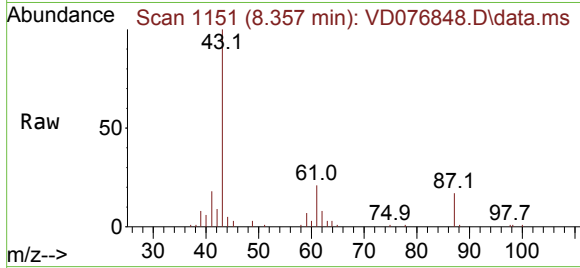




#43
Isopropyl Acetate
Concen: 20.705 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

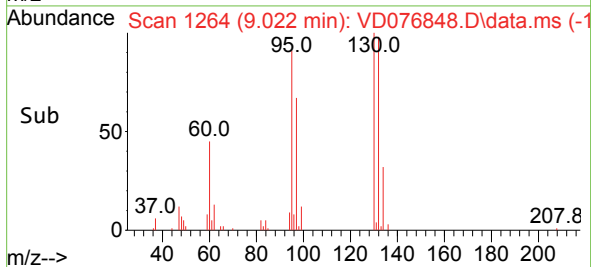
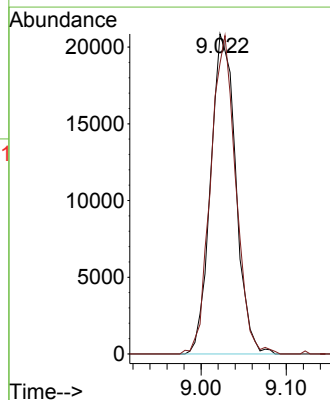
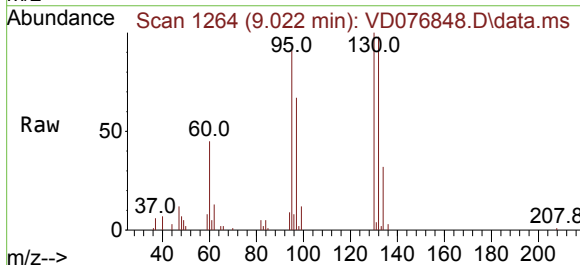
Instrument :
MSVOA_D
ClientSampleId :
VD0728SBS01

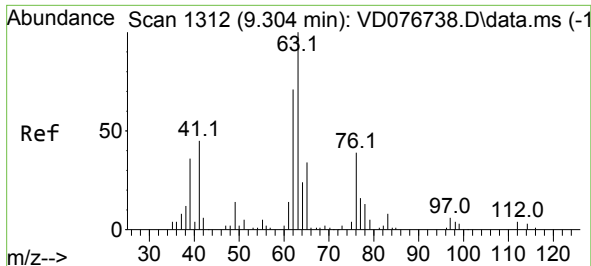
Tgt Ion:	43	Resp:	44724
Ion	Ratio	Lower	Upper
43	100		
61	35.8	31.4	47.0
87	17.6	14.9	22.3



#44
Trichloroethene
Concen: 20.088 ug/l
RT: 9.022 min Scan# 1264
Delta R.T. -0.006 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

Tgt Ion:	130	Resp:	42746
Ion	Ratio	Lower	Upper
130	100		
95	90.8	0.0	179.2





#45

1,2-Dichloropropane

Concen: 21.634 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD076848.D

Acq: 28 Jul 2023 12:04

Instrument :

MSVOA_D

ClientSampleId :

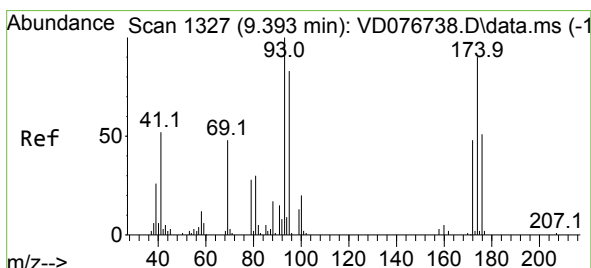
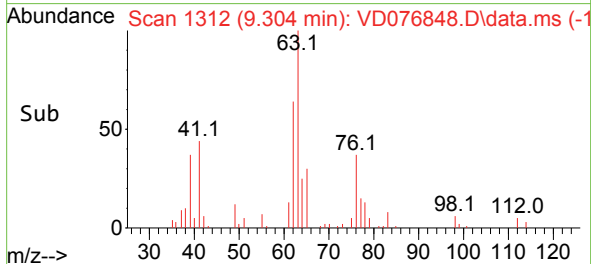
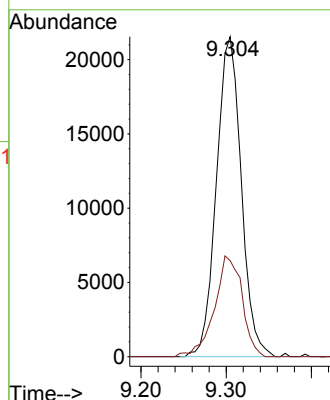
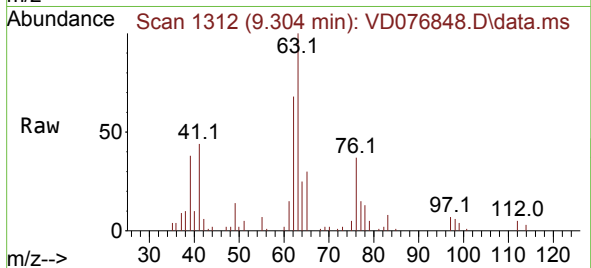
VD0728SBS01

Tgt Ion: 63 Resp: 43609

Ion Ratio Lower Upper

63 100

65 30.0 24.5 36.7



#46

Dibromomethane

Concen: 22.136 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD076848.D

Acq: 28 Jul 2023 12:04

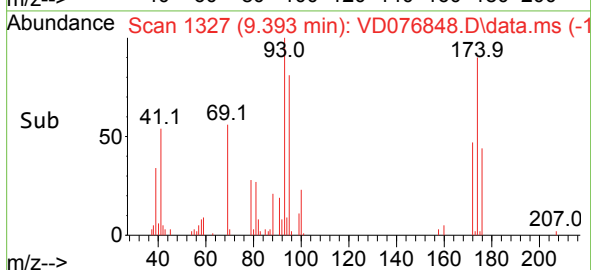
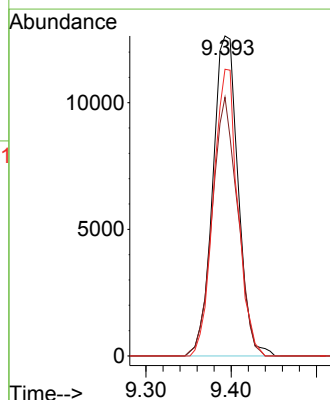
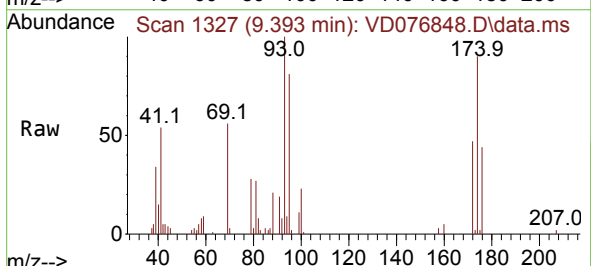
Tgt Ion: 93 Resp: 26118

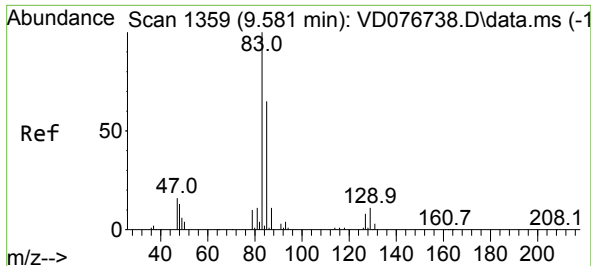
Ion Ratio Lower Upper

93 100

95 80.9 67.7 101.5

174 86.2 85.4 128.2

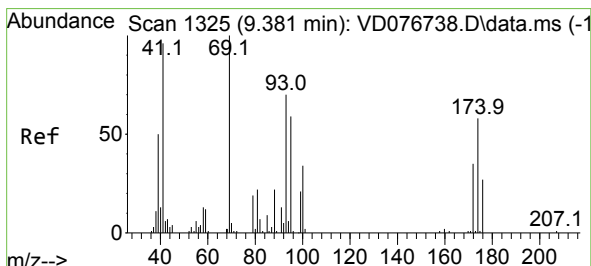
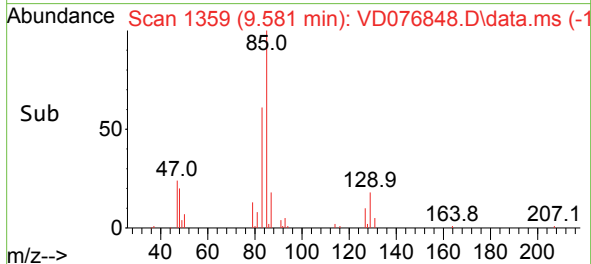
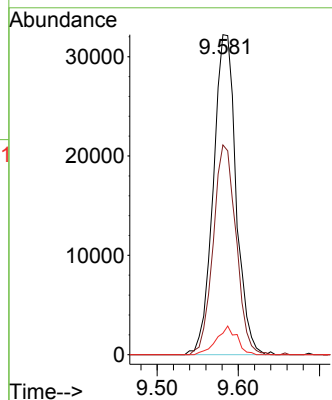
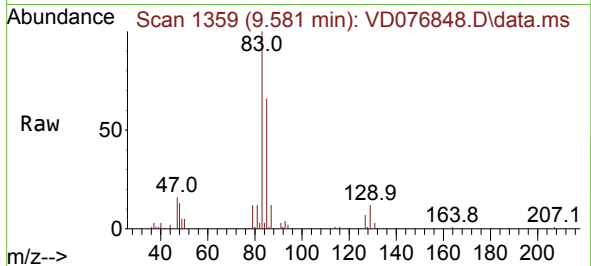




#47
Bromodichloromethane
Concen: 21.264 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

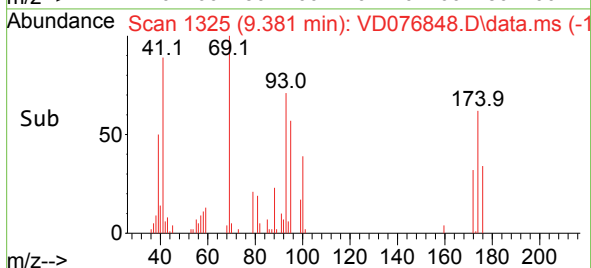
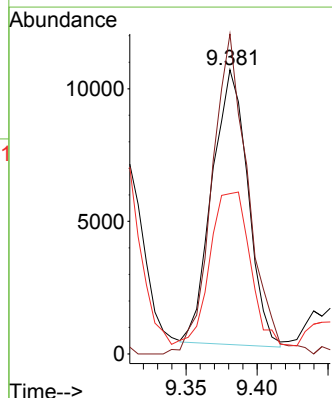
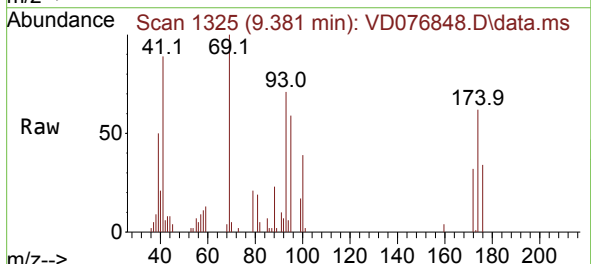
Instrument :
MSVOA_D
ClientSampleId :
VD0728SBS01

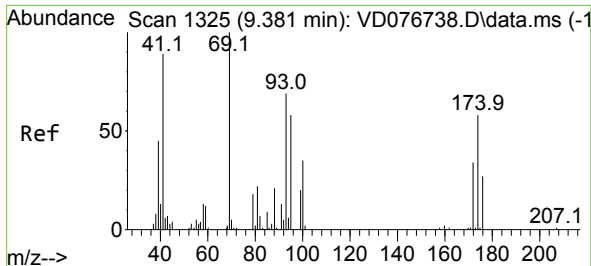
Tgt Ion: 83 Resp: 62963
Ion Ratio Lower Upper
83 100
85 65.5 50.2 75.4
127 6.7 6.3 9.5



#48
Methyl methacrylate
Concen: 18.490 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

Tgt Ion: 41 Resp: 18178
Ion Ratio Lower Upper
41 100
69 117.6 102.2 153.2
39 71.3 41.4 62.2#





#49

1,4-Dioxane

Concen: 392.997 ug/l

RT: 9.381 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD076848.D

Acq: 28 Jul 2023 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0728SBS01

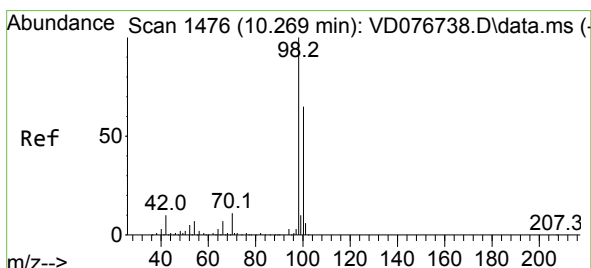
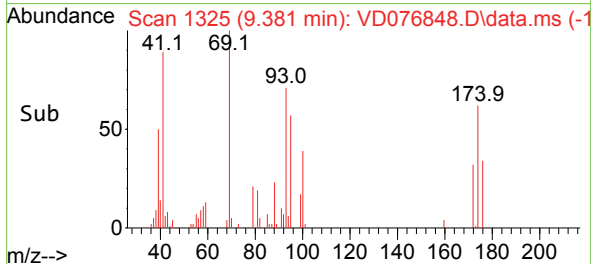
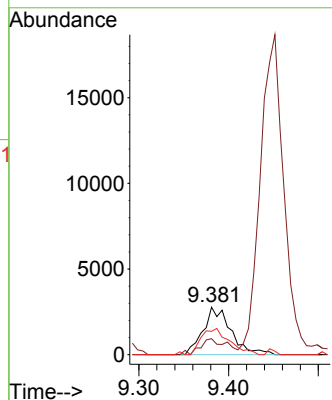
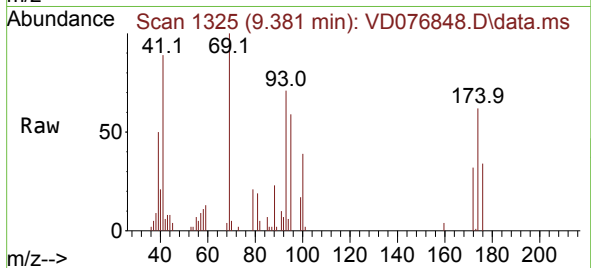
Tgt Ion: 88 Resp: 5941

Ion Ratio Lower Upper

88 100

43 32.5 19.0 28.6#

58 57.5 43.5 65.3



#50

Toluene-d8

Concen: 47.766 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076848.D

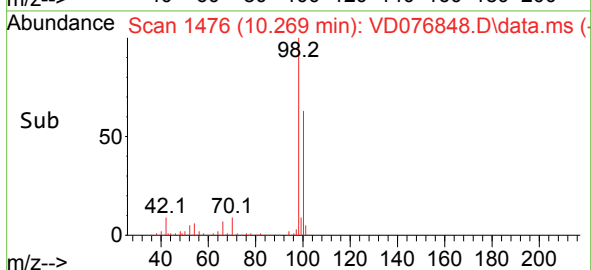
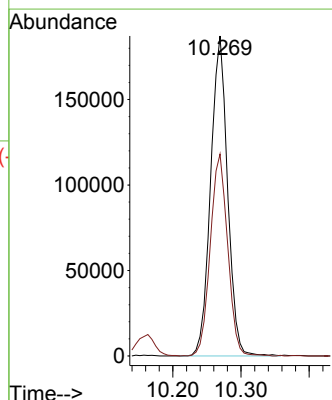
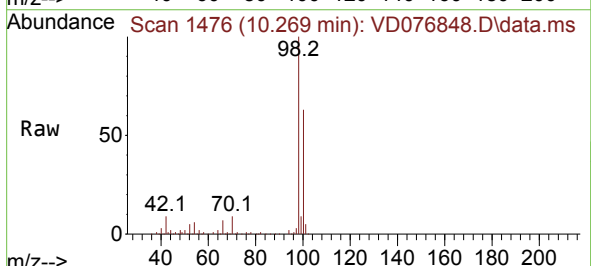
Acq: 28 Jul 2023 12:04

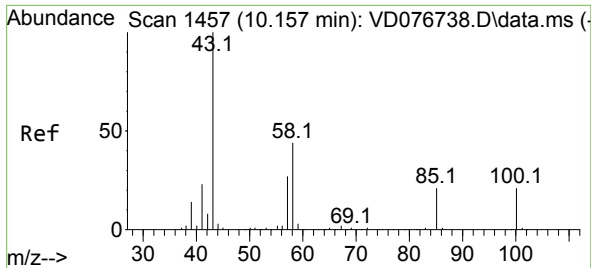
Tgt Ion: 98 Resp: 323637

Ion Ratio Lower Upper

98 100

100 64.7 50.3 75.5

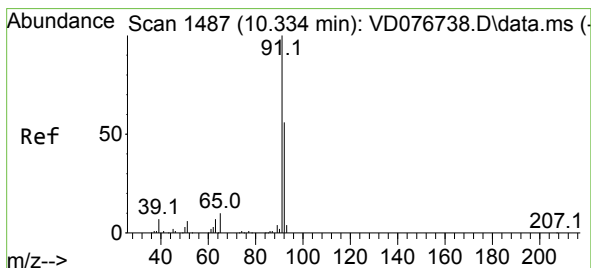
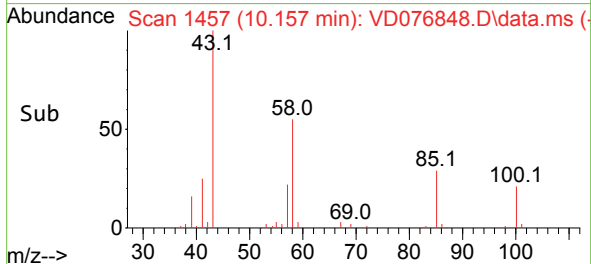
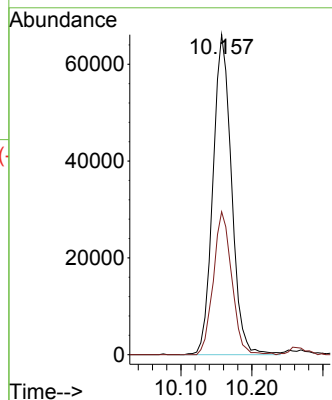
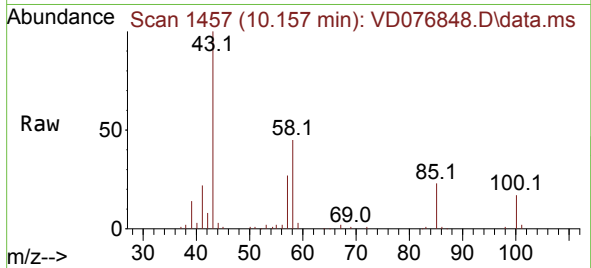




#51
4-Methyl-2-Pentanone
Concen: 104.377 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

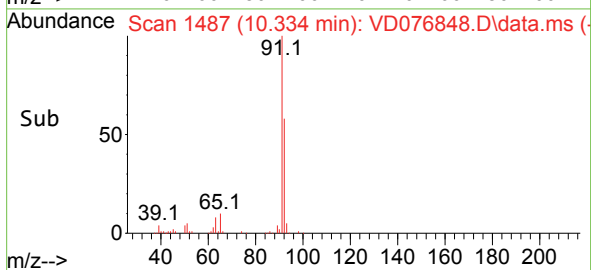
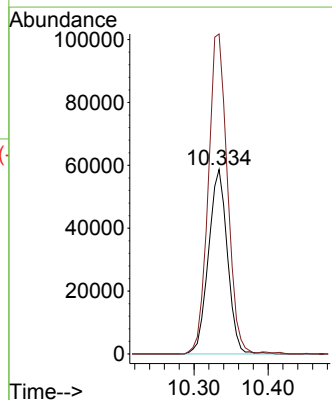
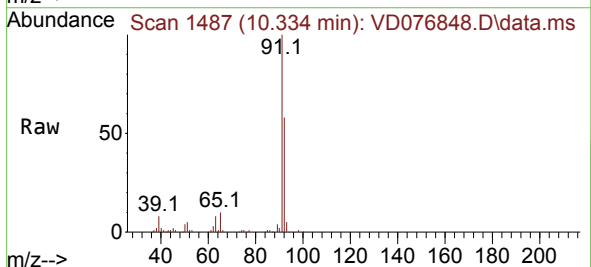
Instrument :
MSVOA_D
ClientSampleId :
VD0728SBS01

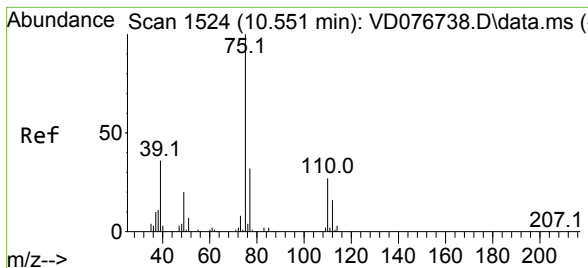
Tgt Ion: 43 Resp: 120042
Ion Ratio Lower Upper
43 100
58 44.2 38.9 58.3



#52
Toluene
Concen: 20.303 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

Tgt Ion: 92 Resp: 104129
Ion Ratio Lower Upper
92 100
91 175.1 143.0 214.4

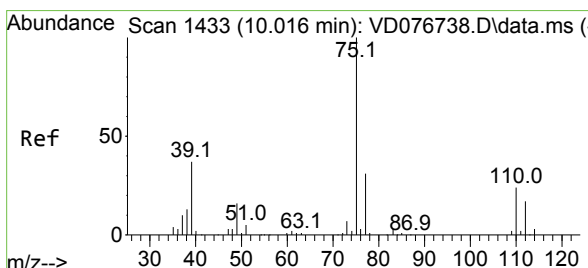
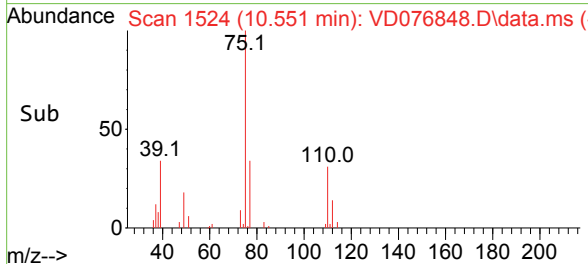
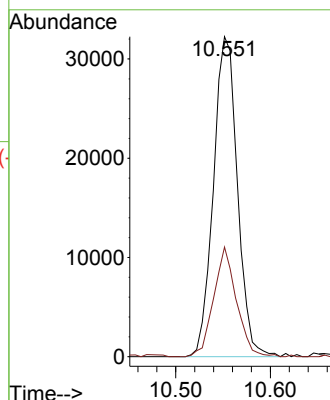
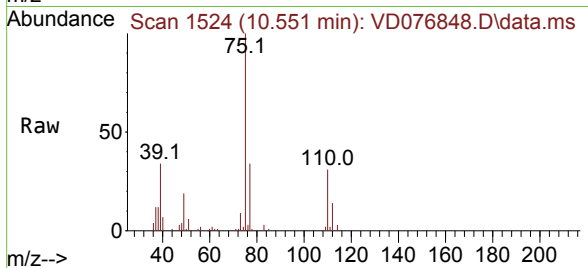




#53
t-1,3-Dichloropropene
Concen: 20.680 ug/l
RT: 10.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

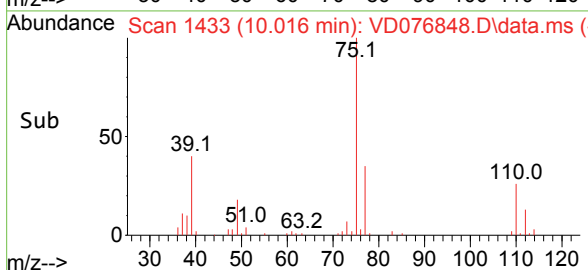
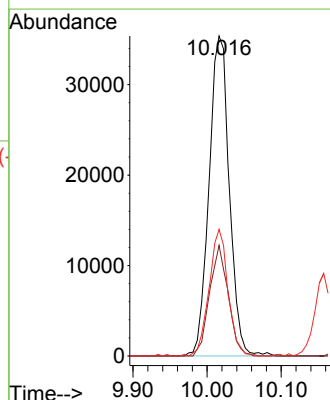
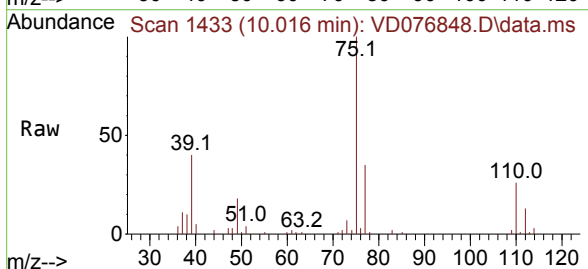
Instrument :
MSVOA_D
ClientSampleId :
VD0728SBS01

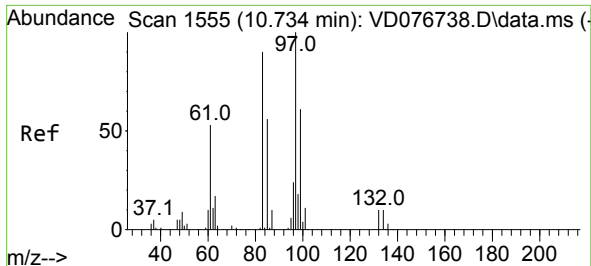
Tgt Ion: 75 Resp: 56834
Ion Ratio Lower Upper
75 100
77 34.3 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 20.749 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

Tgt Ion: 75 Resp: 67205
Ion Ratio Lower Upper
75 100
77 34.6 25.5 38.3
39 39.5 22.1 33.1#

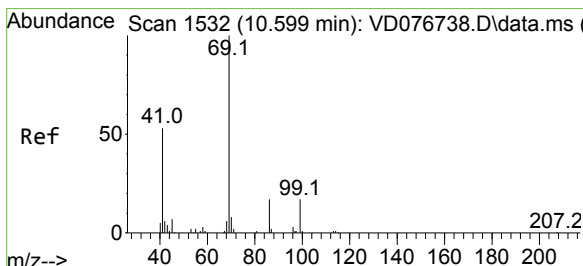
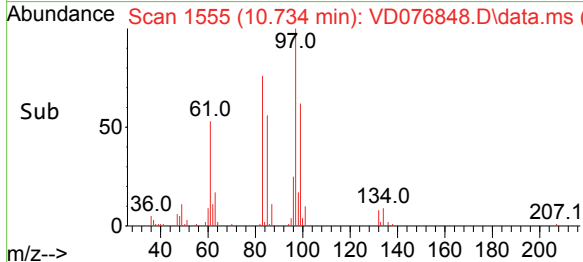
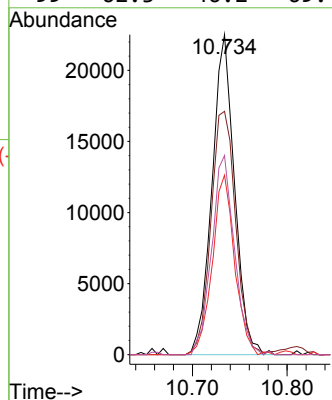
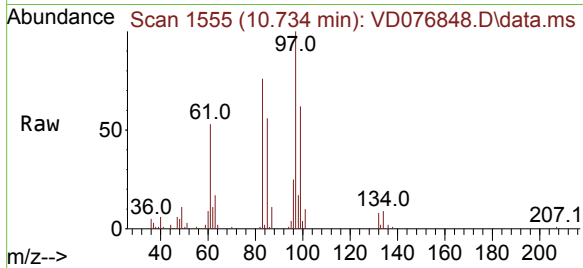




#55
1,1,2-Trichloroethane
Concen: 21.603 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

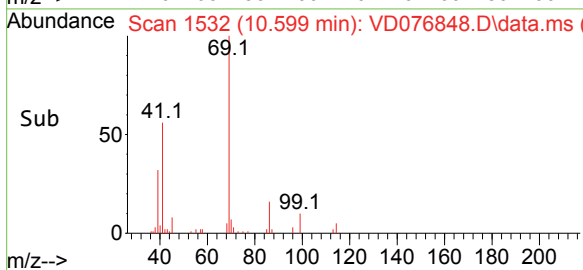
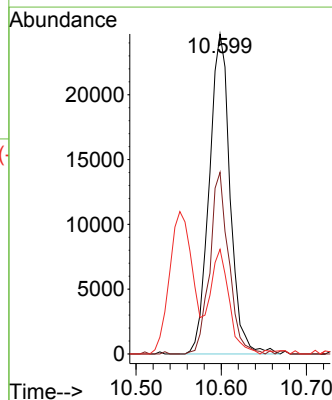
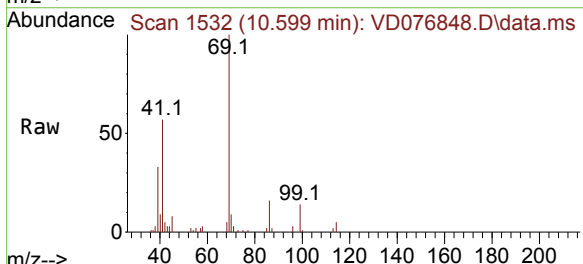
Instrument :
MSVOA_D
ClientSampleId :
VD0728SBS01

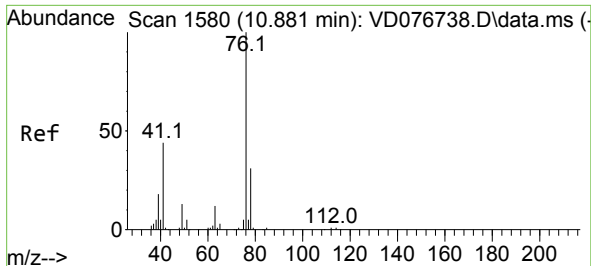
Tgt Ion: 97	Resp: 37221
Ion Ratio	Lower Upper
97 100	
83 76.0	65.8 98.6
85 56.1	45.7 68.5
99 62.3	46.2 69.4



#56
Ethyl methacrylate
Concen: 21.137 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

Tgt Ion: 69	Resp: 42034		
Ion Ratio	Lower	Upper	
69 100			
41 51.6	39.1	58.7	
39 30.3	20.0	30.0#	





#57

1,3-Dichloropropane

Concen: 20.850 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. -0.006 min

Lab File: VD076848.D

Acq: 28 Jul 2023 12:04

Instrument :

MSVOA_D

ClientSampleId :

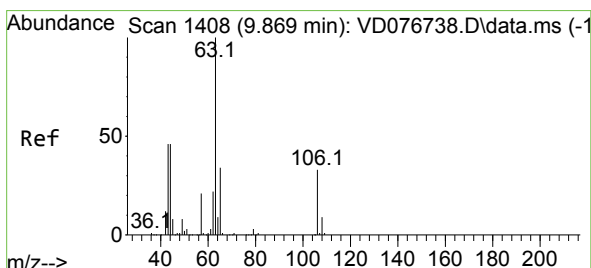
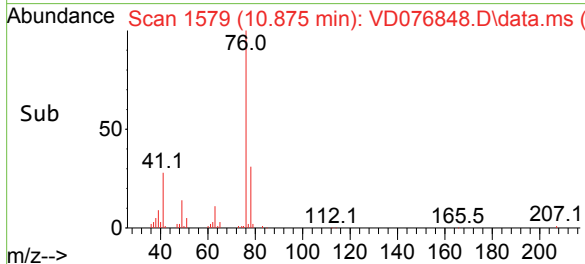
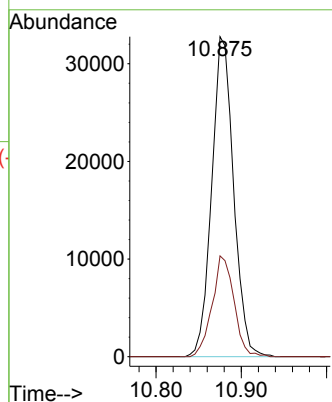
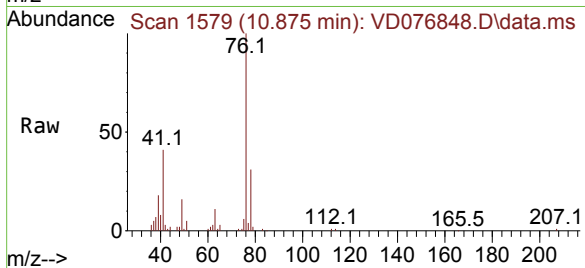
VD0728SBS01

Tgt Ion: 76 Resp: 58504

Ion Ratio Lower Upper

76 100

78 31.4 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 106.770 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD076848.D

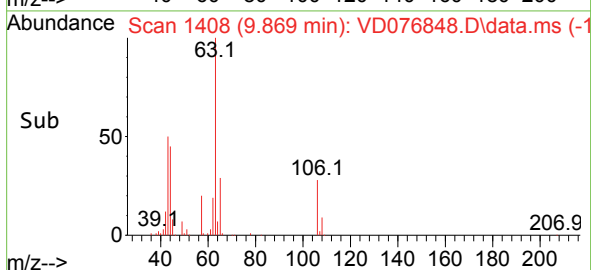
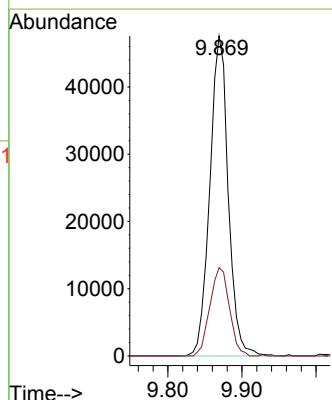
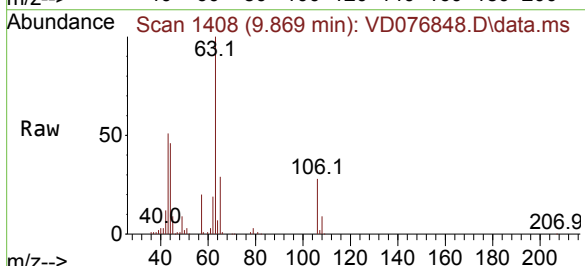
Acq: 28 Jul 2023 12:04

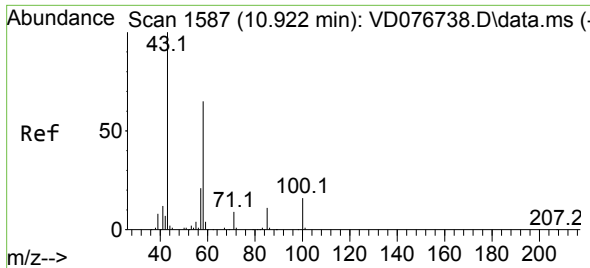
Tgt Ion: 63 Resp: 82188

Ion Ratio Lower Upper

63 100

106 29.2 25.3 37.9

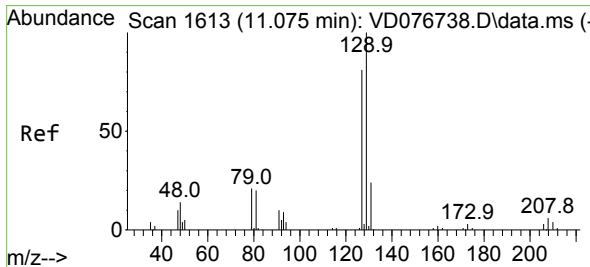
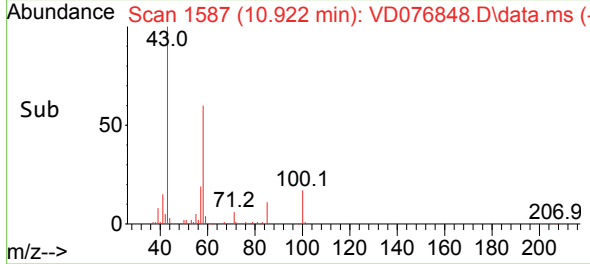
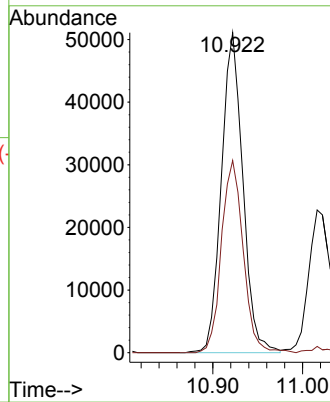
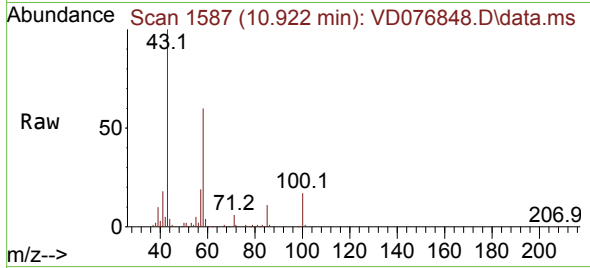




#59
2-Hexanone
Concen: 103.479 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

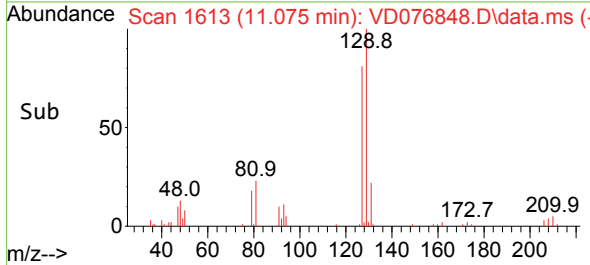
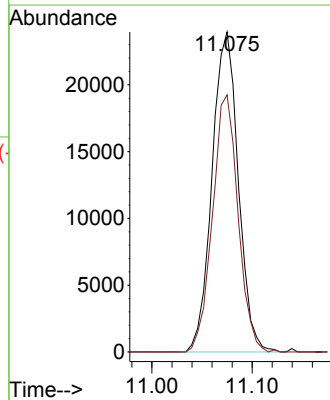
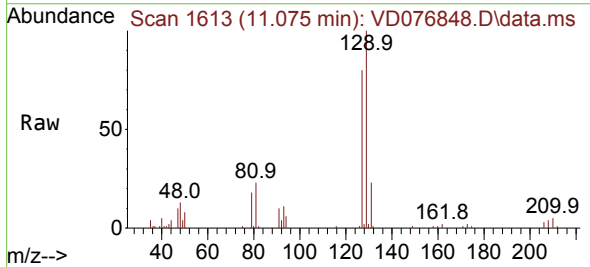
Instrument :
MSVOA_D
ClientSampleId :
VD0728SBS01

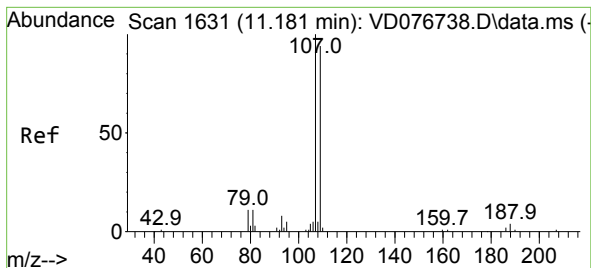
Tgt Ion: 43 Resp: 84918
Ion Ratio Lower Upper
43 100
58 60.9 34.1 102.2



#60
Dibromochloromethane
Concen: 21.734 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

Tgt Ion:129 Resp: 43502
Ion Ratio Lower Upper
129 100
127 78.1 37.1 111.5





#61

1,2-Dibromoethane

Concen: 20.648 ug/l

RT: 11.175 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD076848.D

Acq: 28 Jul 2023 12:04

Instrument :

MSVOA_D

ClientSampleId :

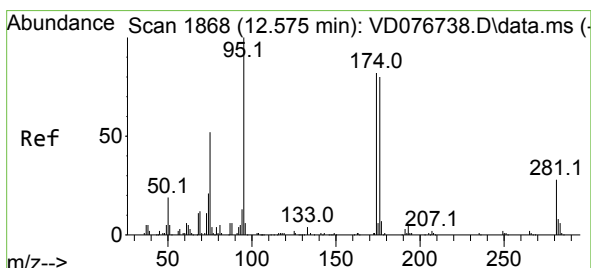
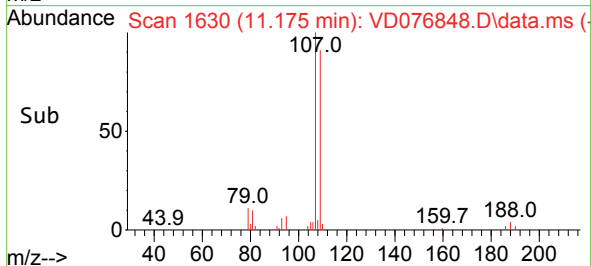
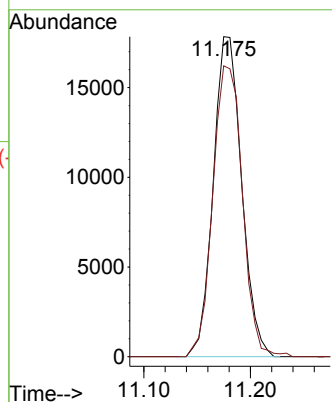
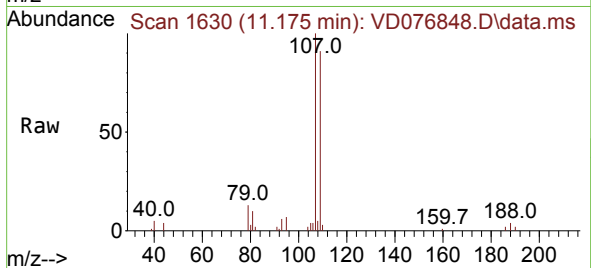
VD0728SBS01

Tgt Ion:107 Resp: 32983

Ion Ratio Lower Upper

107 100

109 94.8 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 48.636 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD076848.D

Acq: 28 Jul 2023 12:04

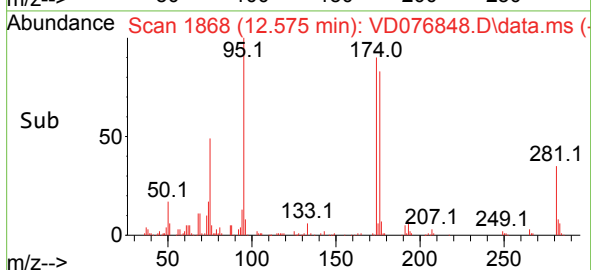
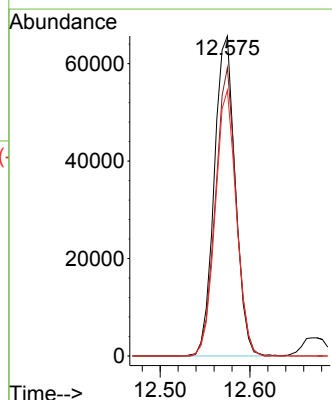
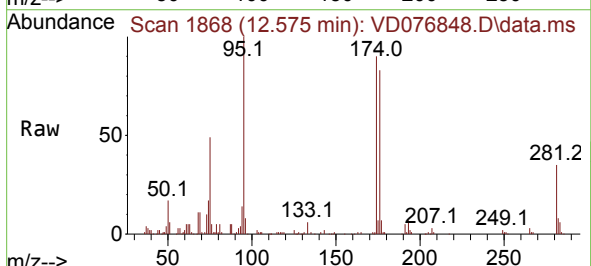
Tgt Ion: 95 Resp: 106603

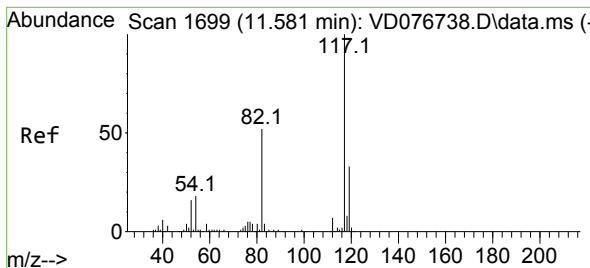
Ion Ratio Lower Upper

95 100

174 89.0 0.0 201.8

176 83.6 0.0 191.8

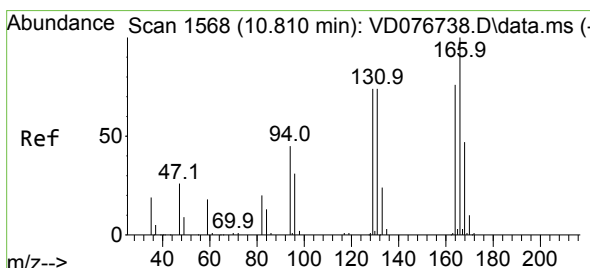
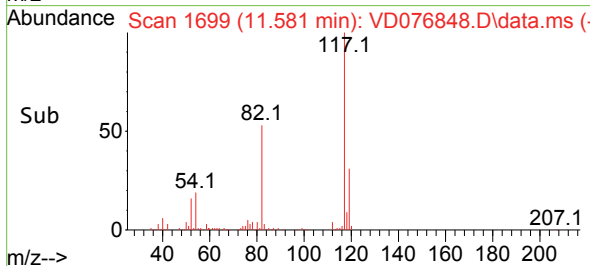
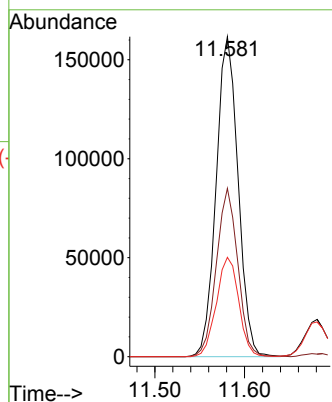
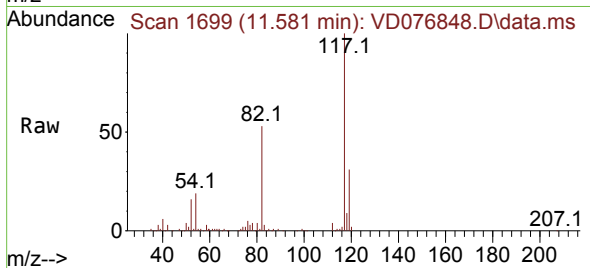




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

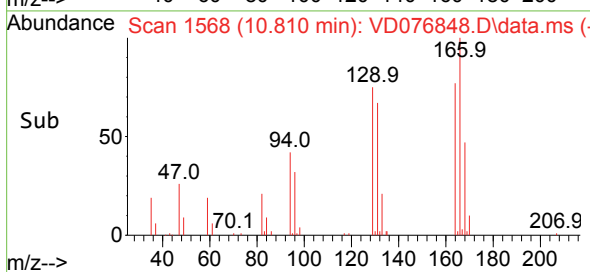
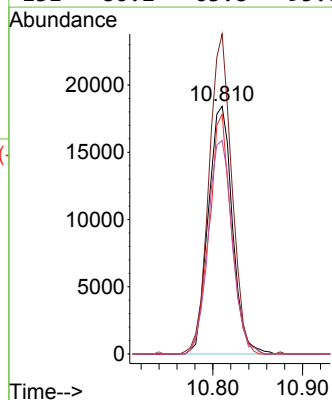
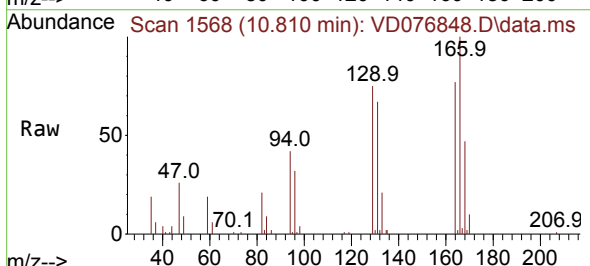
Instrument :
MSVOA_D
ClientSampleId :
VD0728SBS01

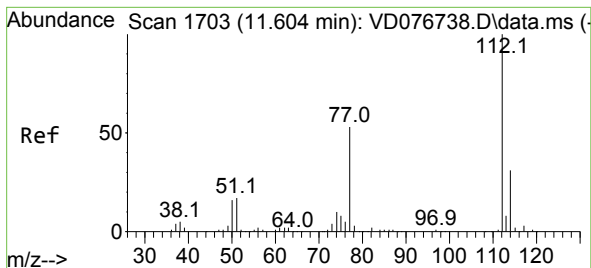
Tgt Ion:117 Resp: 274277
Ion Ratio Lower Upper
117 100
82 52.6 38.3 57.5
119 31.0 25.0 37.4



#64
Tetrachloroethene
Concen: 21.874 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

Tgt Ion:164 Resp: 34210
Ion Ratio Lower Upper
164 100
166 129.2 99.2 148.8
129 96.8 68.4 102.6
131 86.2 63.8 95.8





#65

Chlorobenzene

Concen: 21.011 ug/l

RT: 11.604 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD076848.D

Acq: 28 Jul 2023 12:04

Instrument :

MSVOA_D

ClientSampleId :

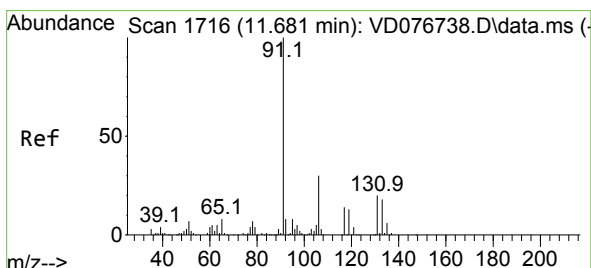
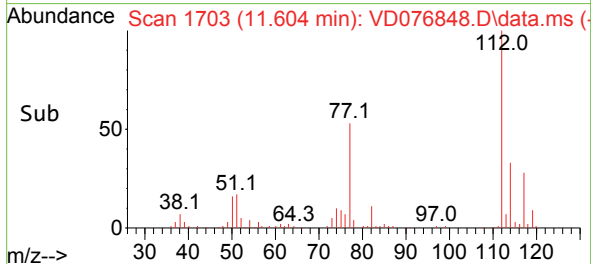
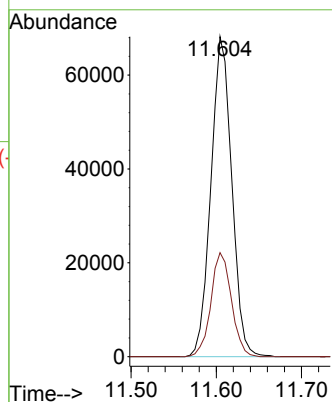
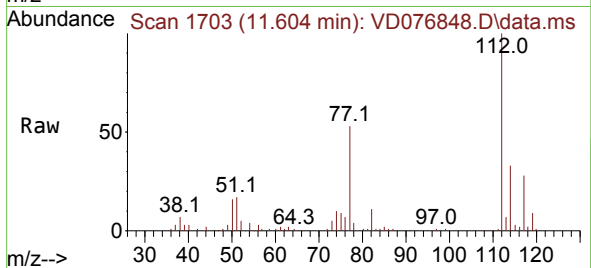
VD0728SBS01

Tgt Ion:112 Resp: 115901

Ion Ratio Lower Upper

112 100

114 32.5 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 21.771 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD076848.D

Acq: 28 Jul 2023 12:04

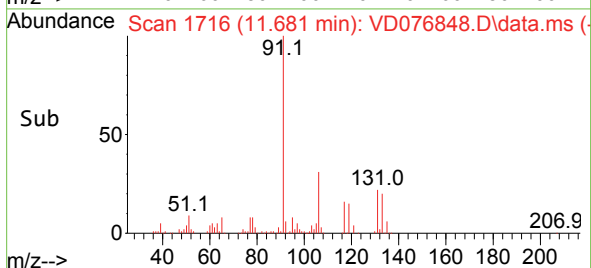
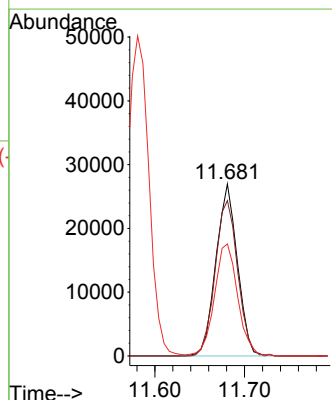
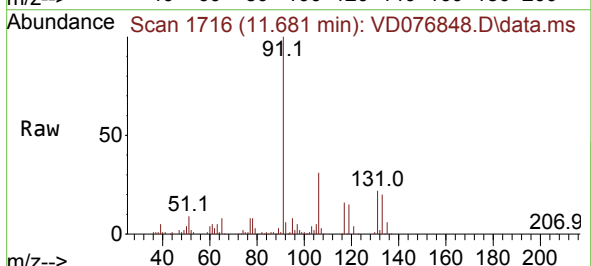
Tgt Ion:131 Resp: 44713

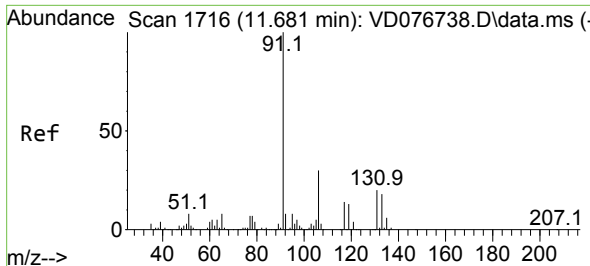
Ion Ratio Lower Upper

131 100

133 95.2 48.5 145.5

119 70.8 35.6 106.9

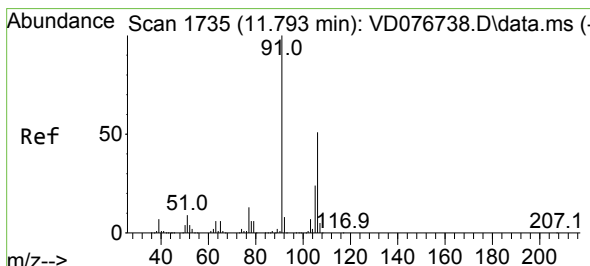
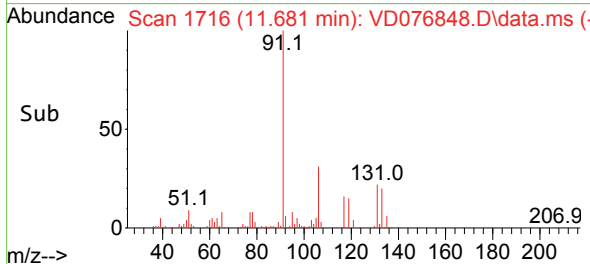
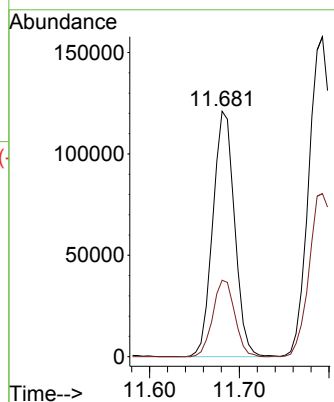
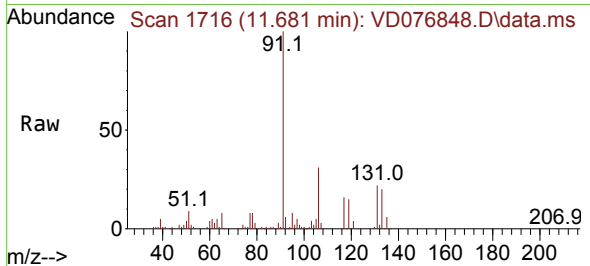




#67
Ethyl Benzene
Concen: 21.074 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

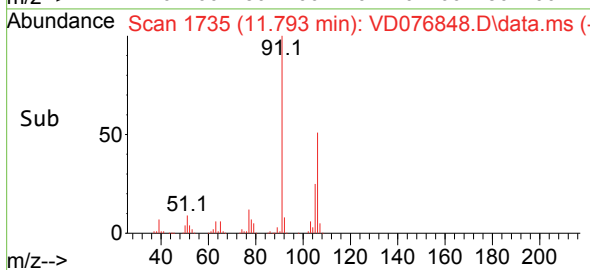
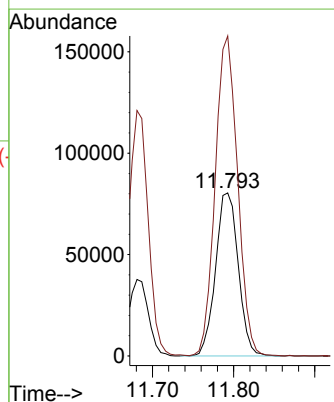
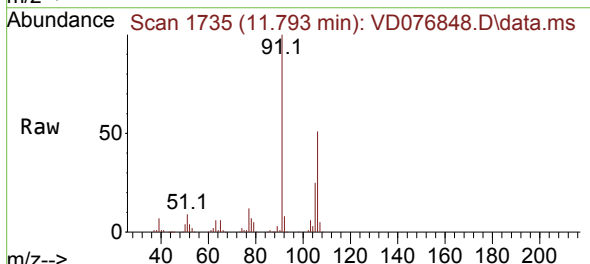
Instrument :
MSVOA_D
ClientSampleId :
VD0728SBS01

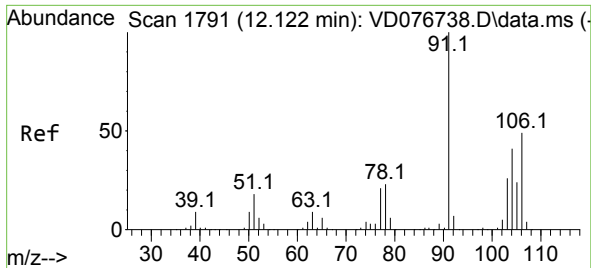
Tgt Ion: 91 Resp: 204158
Ion Ratio Lower Upper
91 100
106 31.2 26.5 39.7



#68
m/p-Xylenes
Concen: 42.008 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

Tgt Ion: 106 Resp: 156298
Ion Ratio Lower Upper
106 100
91 193.6 147.0 220.6

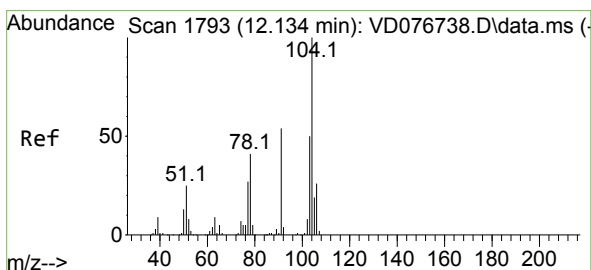
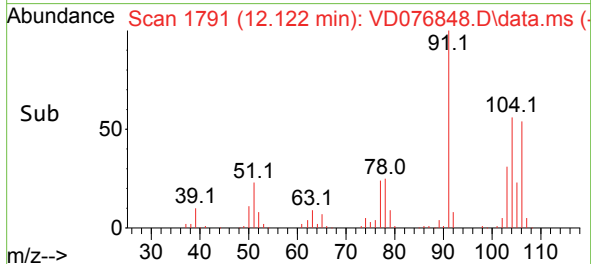
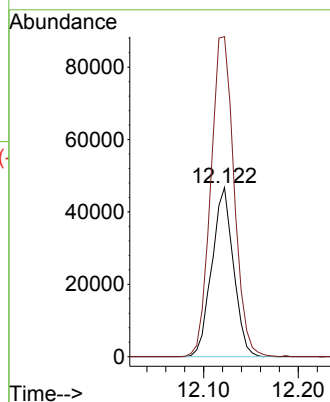
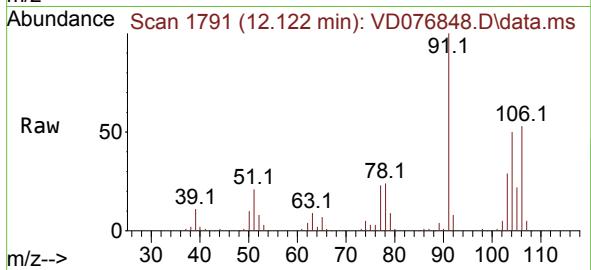




#69
o-Xylene
Concen: 20.545 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

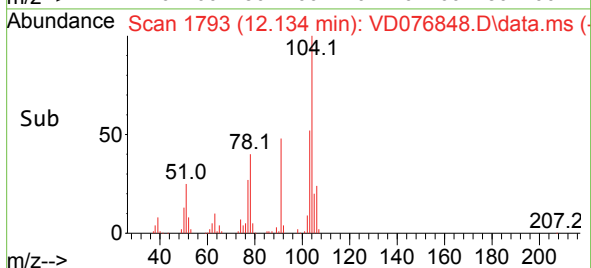
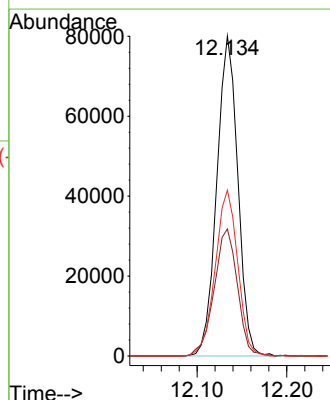
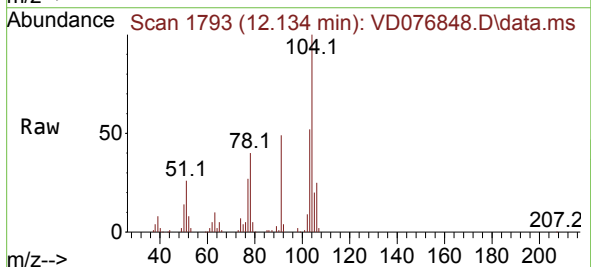
Instrument :
MSVOA_D
ClientSampleId :
VD0728SBS01

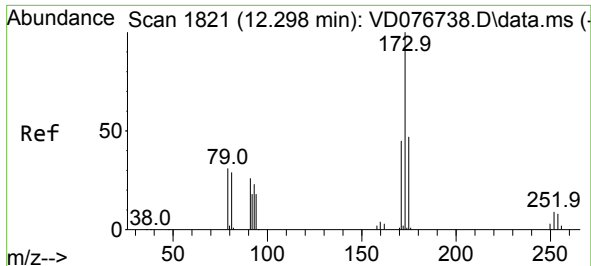
Tgt Ion:106 Resp: 73921
Ion Ratio Lower Upper
106 100
91 204.2 97.9 293.6



#70
Styrene
Concen: 20.636 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

Tgt Ion:104 Resp: 129975
Ion Ratio Lower Upper
104 100
78 44.0 33.2 49.8
103 55.5 43.6 65.4

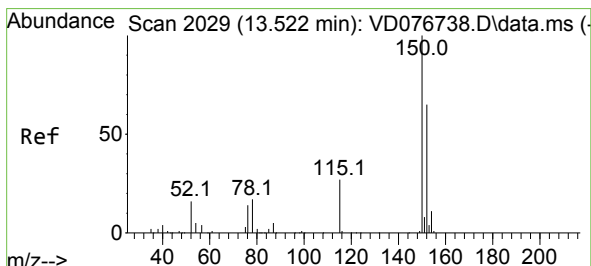
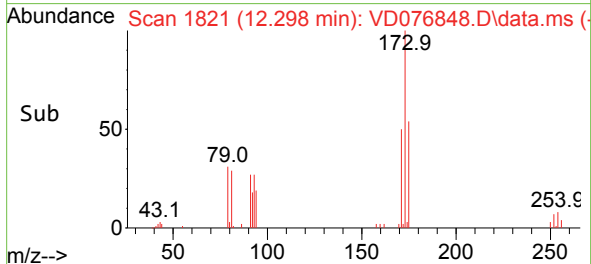
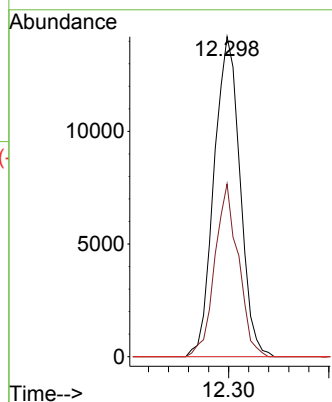
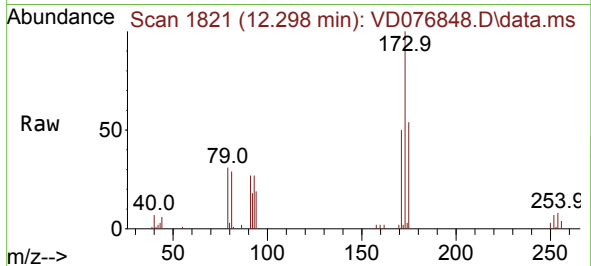




#71
Bromoform
Concen: 22.722 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

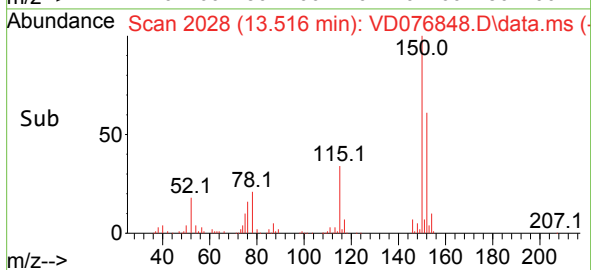
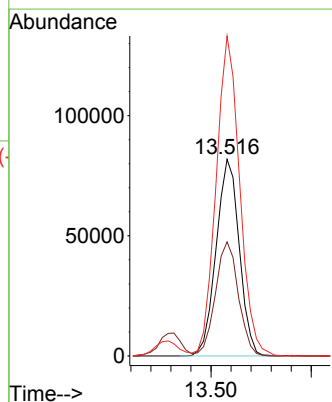
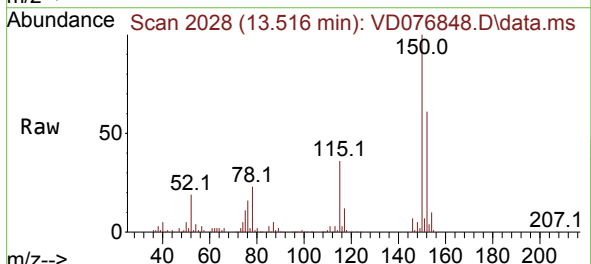
Instrument :
MSVOA_D
ClientSampleId :
VD0728SBS01

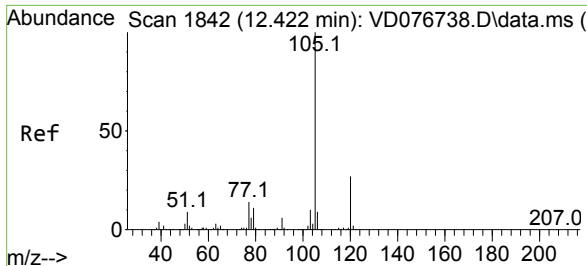
Tgt Ion:173 Resp: 25558
Ion Ratio Lower Upper
173 100
175 49.0 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

Tgt Ion:152 Resp: 130907
Ion Ratio Lower Upper
152 100
115 57.7 27.1 81.3
150 166.0 0.0 353.6

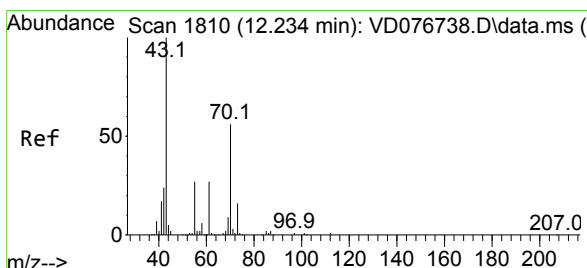
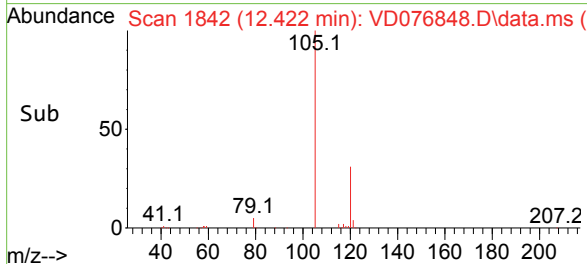
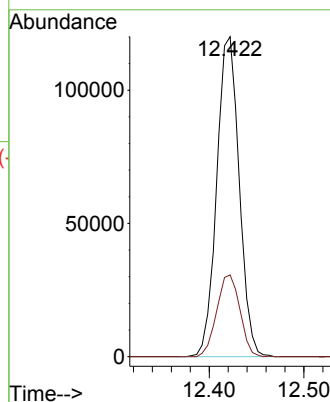
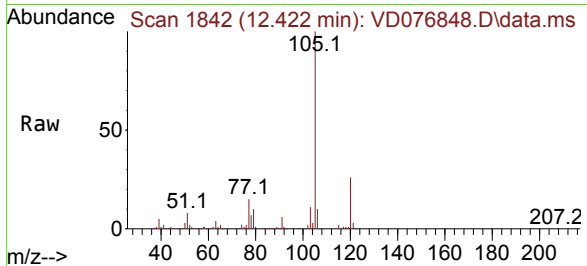




#73
Isopropylbenzene
Concen: 20.804 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

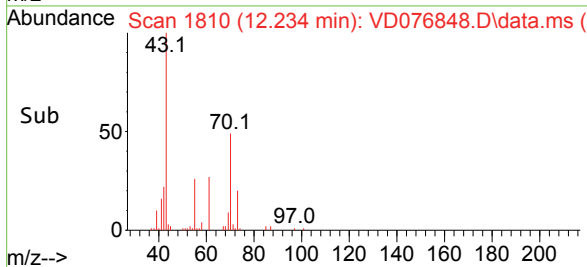
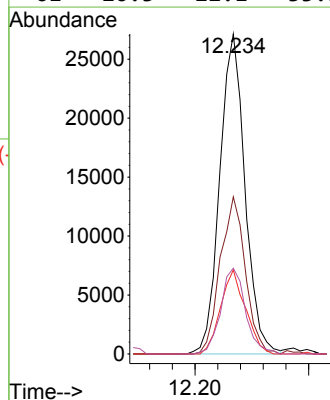
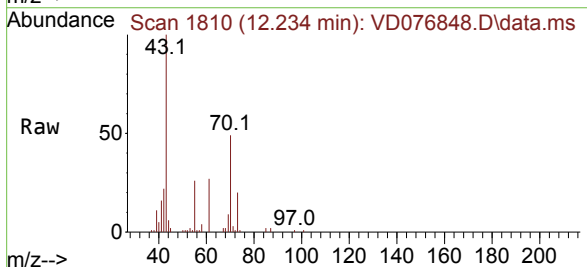
Instrument :
MSVOA_D
ClientSampleId :
VD0728SBS01

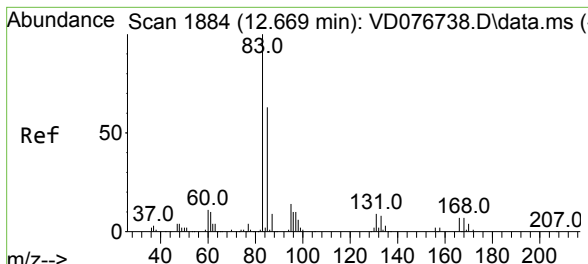
Tgt Ion:105 Resp: 197589
Ion Ratio Lower Upper
105 100
120 26.4 14.3 42.9



#74
N-ethyl acetate
Concen: 20.914 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

Tgt Ion: 43 Resp: 41846
Ion Ratio Lower Upper
43 100
70 48.8 45.0 67.4
55 25.9 23.8 35.6
61 26.3 22.1 33.1

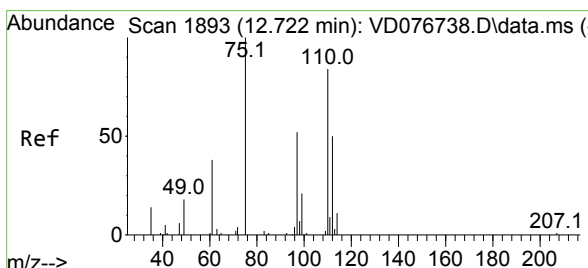
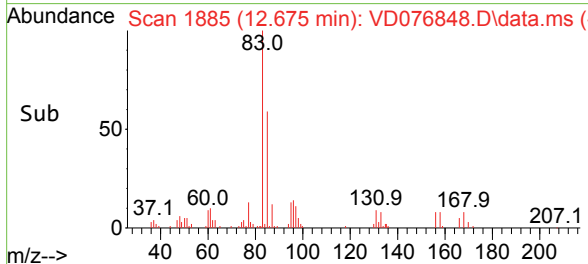
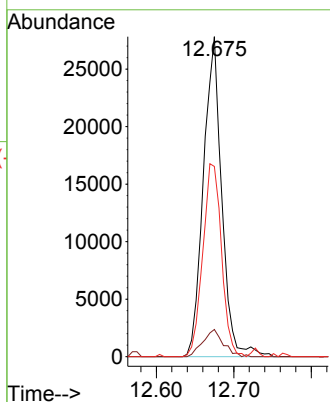
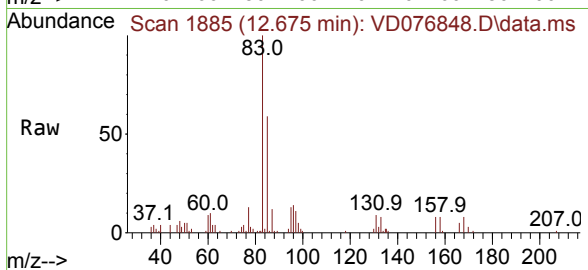




#75
 1,1,2,2-Tetrachloroethane
 Concen: 22.456 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. 0.006 min
 Lab File: VD076848.D
 Acq: 28 Jul 2023 12:04

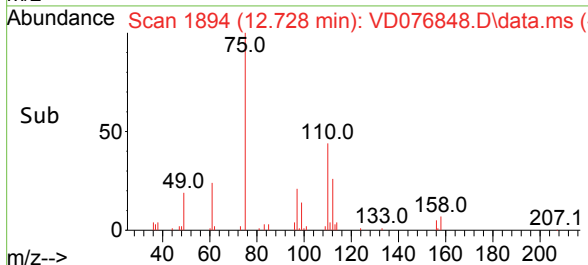
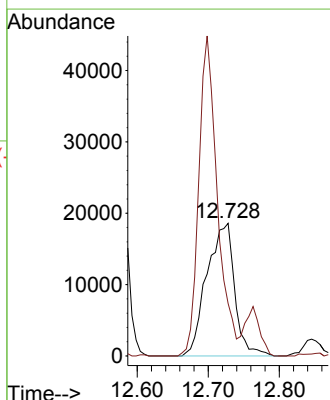
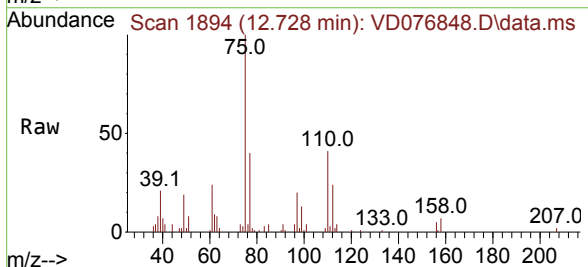
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0728SBS01

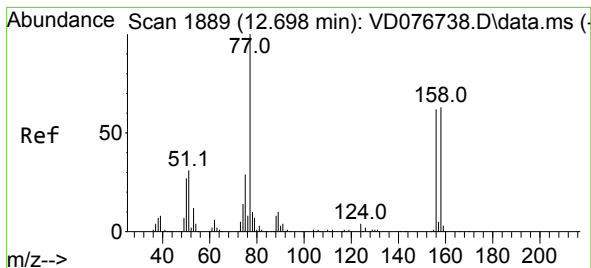
Tgt Ion:	83	Resp:	45792
Ion Ratio	Lower	Upper	
83	100		
131	9.5	5.1	15.3
85	61.3	32.6	97.8



#76
 1,2,3-Trichloropropane
 Concen: 40.509 ug/l
 RT: 12.728 min Scan# 1894
 Delta R.T. 0.006 min
 Lab File: VD076848.D
 Acq: 28 Jul 2023 12:04

Tgt Ion:	75	Resp:	50430
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.073 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD076848.D

Acq: 28 Jul 2023 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0728SBS01

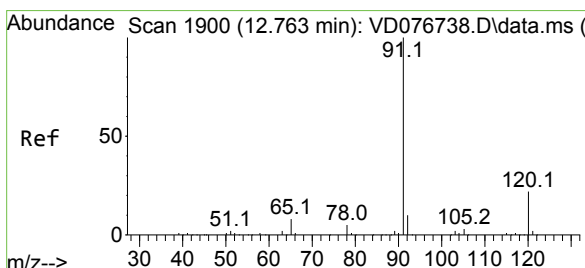
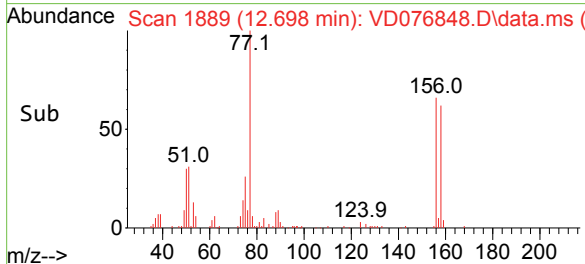
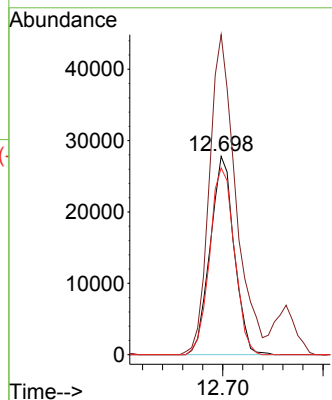
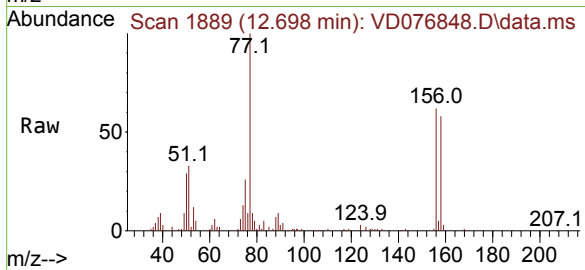
Tgt Ion:156 Resp: 46198

Ion Ratio Lower Upper

156 100

77 176.9 76.8 230.4

158 96.9 48.6 145.9



#78

n-propylbenzene

Concen: 21.449 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD076848.D

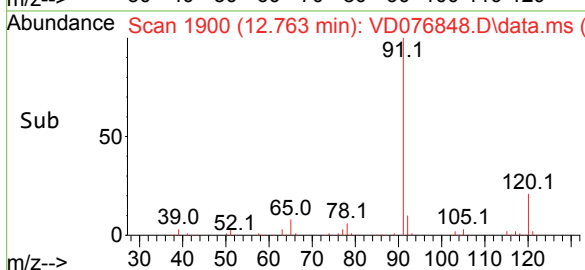
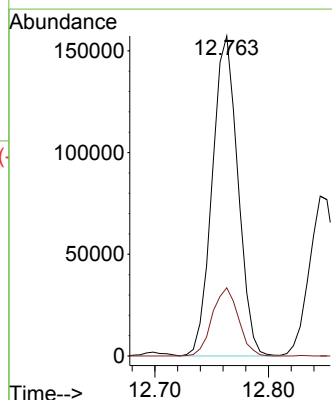
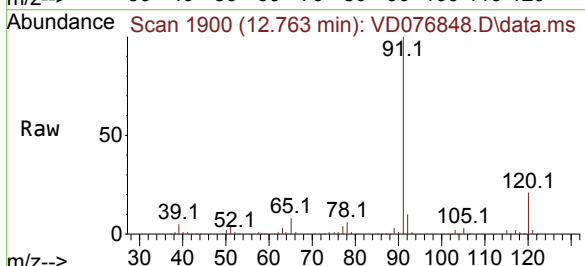
Acq: 28 Jul 2023 12:04

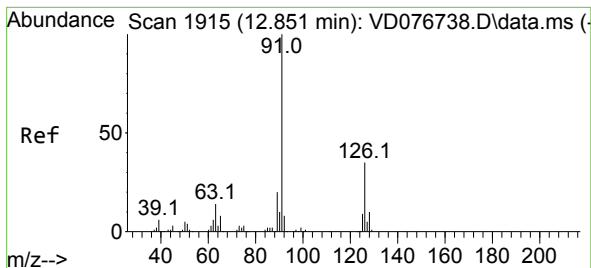
Tgt Ion: 91 Resp: 246969

Ion Ratio Lower Upper

91 100

120 21.7 12.4 37.2





#79

2-Chlorotoluene

Concen: 20.926 ug/l

RT: 12.845 min Scan# 1915

Delta R.T. -0.006 min

Lab File: VD076848.D

Acq: 28 Jul 2023 12:04

Instrument :

MSVOA_D

ClientSampleId :

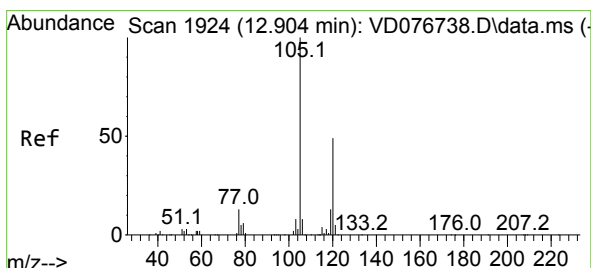
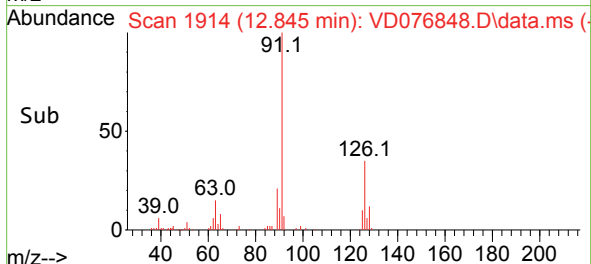
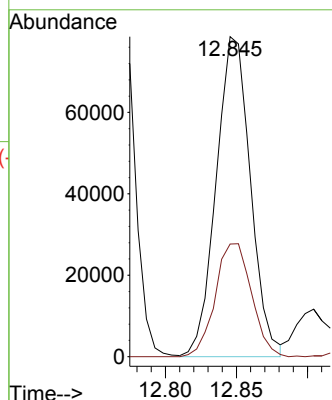
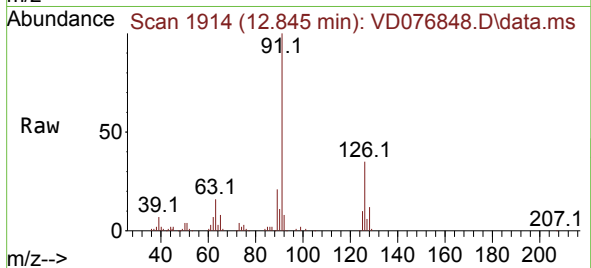
VD0728SBS01

Tgt Ion: 91 Resp: 132112

Ion Ratio Lower Upper

91 100

126 37.3 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 20.944 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD076848.D

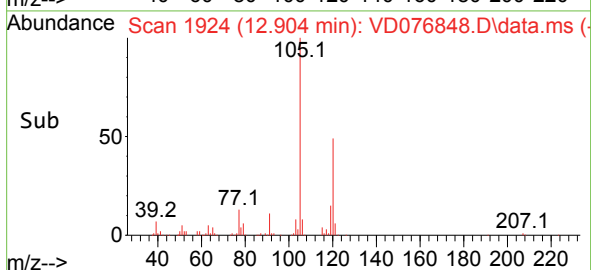
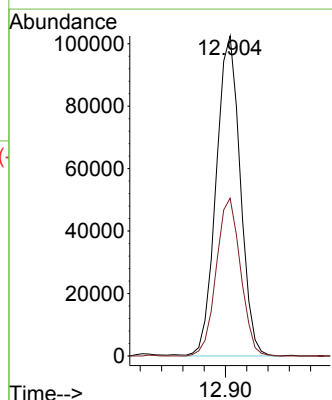
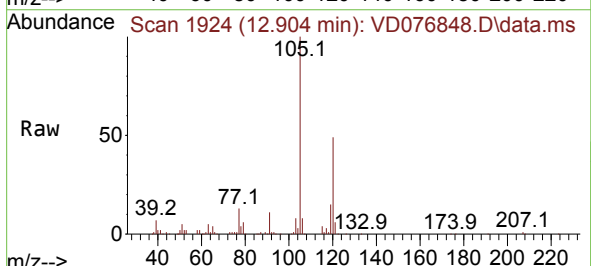
Acq: 28 Jul 2023 12:04

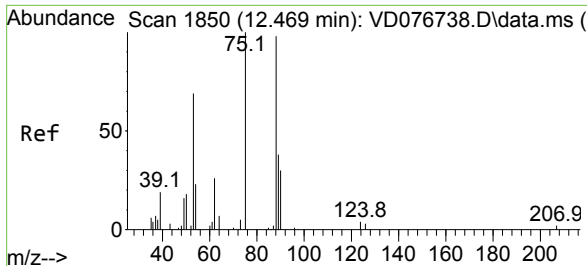
Tgt Ion:105 Resp: 160840

Ion Ratio Lower Upper

105 100

120 49.7 26.4 79.2

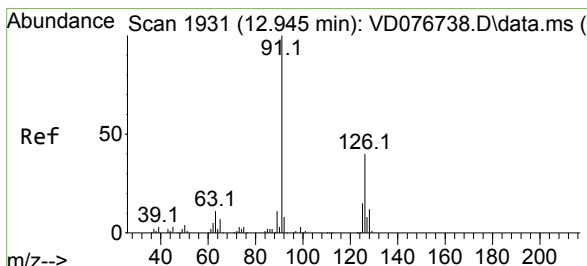
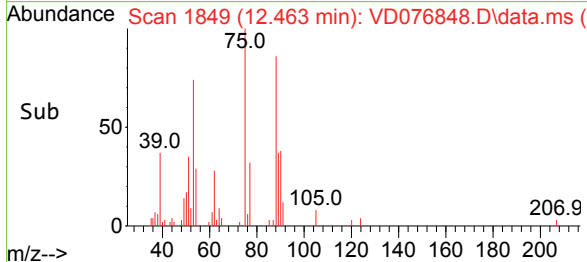
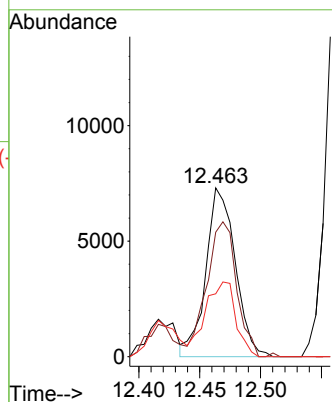
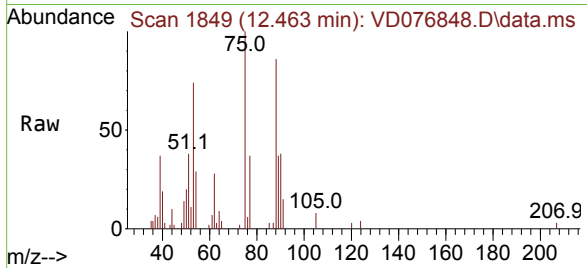




#81
trans-1,4-Dichloro-2-butene
Concen: 20.959 ug/l
RT: 12.463 min Scan# 1849
Delta R.T. -0.006 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

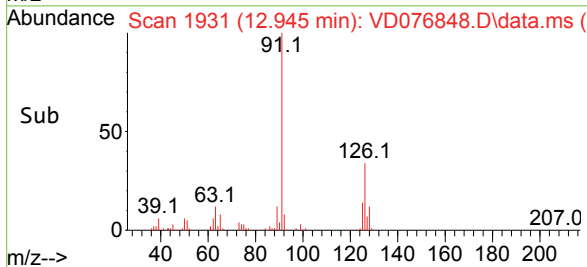
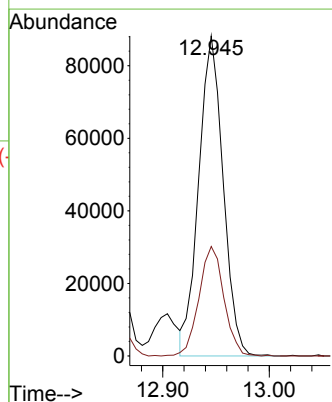
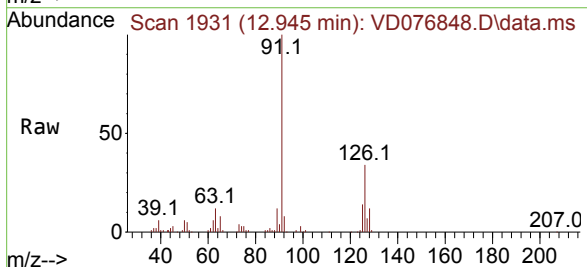
Instrument :
MSVOA_D
ClientSampleId :
VD0728SBS01

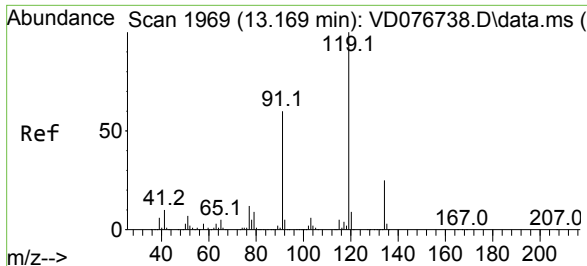
Tgt Ion: 75 Resp: 12260
Ion Ratio Lower Upper
75 100
53 80.8 63.0 94.4
89 46.2 37.9 56.9



#82
4-Chlorotoluene
Concen: 21.314 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

Tgt Ion: 91 Resp: 140572
Ion Ratio Lower Upper
91 100
126 34.9 19.4 58.4

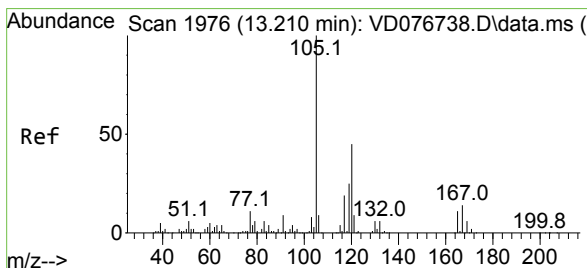
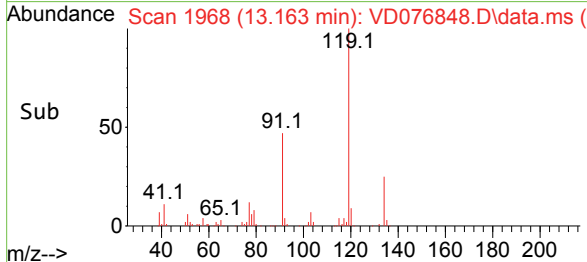
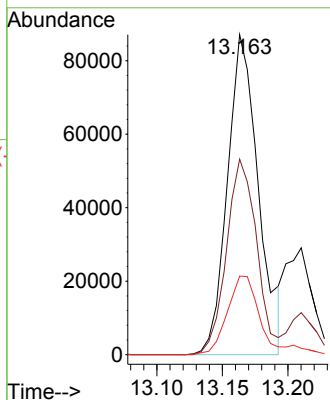
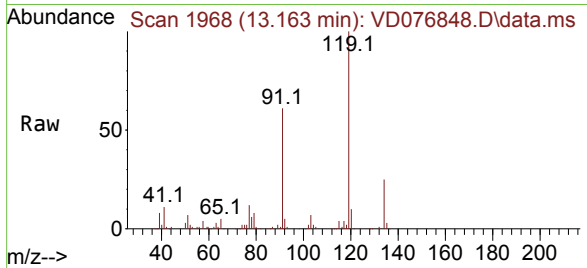




#83
tert-Butylbenzene
Concen: 21.210 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.006 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

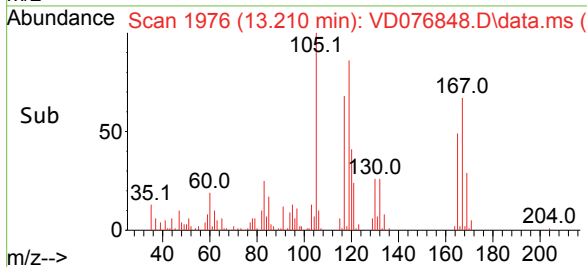
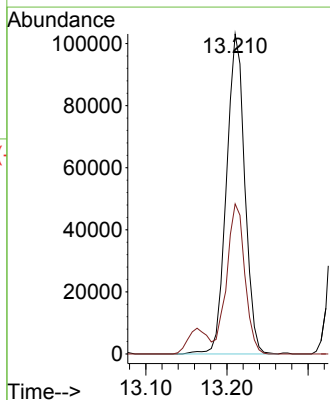
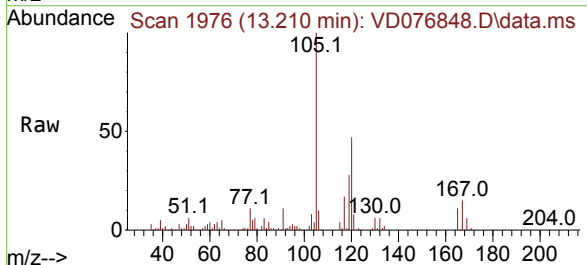
Instrument :
MSVOA_D
ClientSampleId :
VD0728SBS01

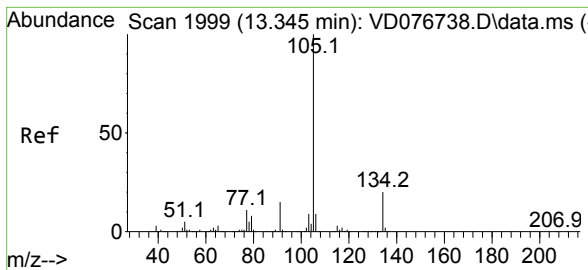
Tgt Ion:119 Resp: 143421
Ion Ratio Lower Upper
119 100
91 59.6 29.3 87.8
134 26.6 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 20.537 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

Tgt Ion:105 Resp: 161174
Ion Ratio Lower Upper
105 100
120 46.6 24.3 72.9

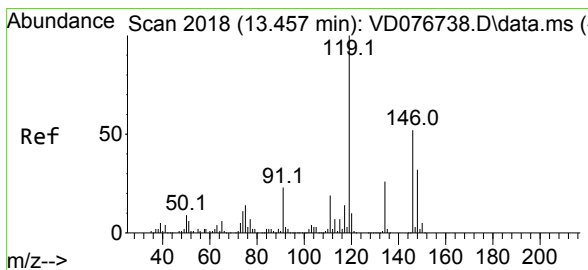
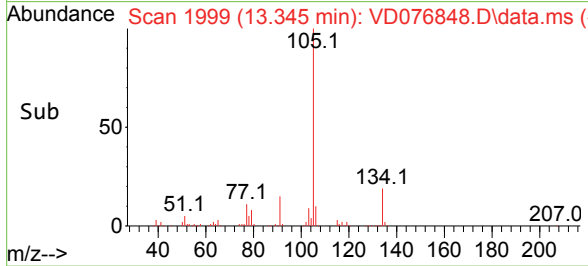
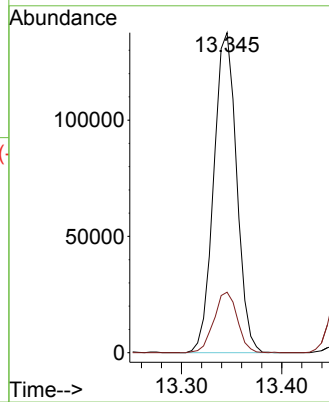
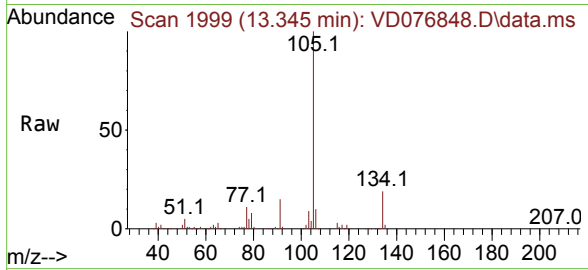




#85
 sec-Butylbenzene
 Concen: 21.087 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD076848.D
 Acq: 28 Jul 2023 12:04

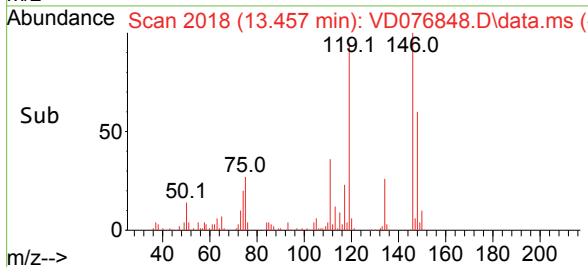
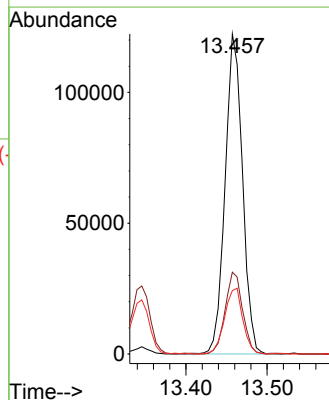
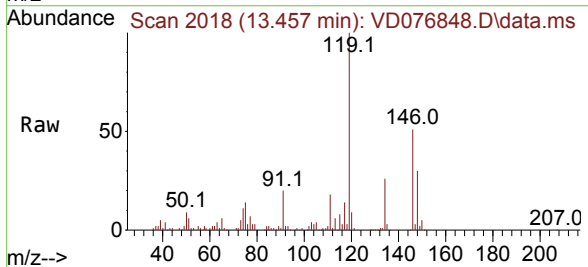
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0728SBS01

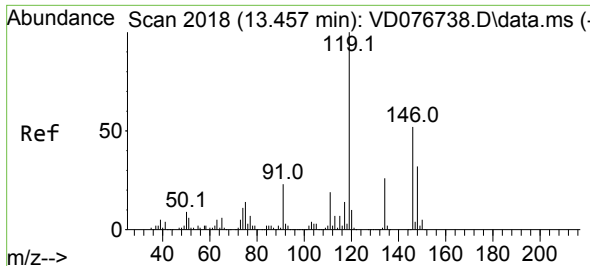
Tgt Ion:105 Resp: 217849
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 21.362 ug/l
 RT: 13.457 min Scan# 1818
 Delta R.T. 0.000 min
 Lab File: VD076848.D
 Acq: 28 Jul 2023 12:04

Tgt Ion:119 Resp: 182261
 Ion Ratio Lower Upper
 119 100
 134 25.6 14.2 42.6
 91 21.6 10.5 31.5

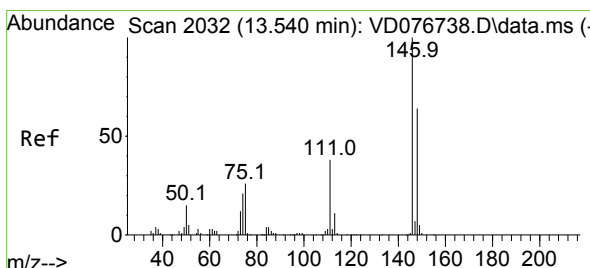
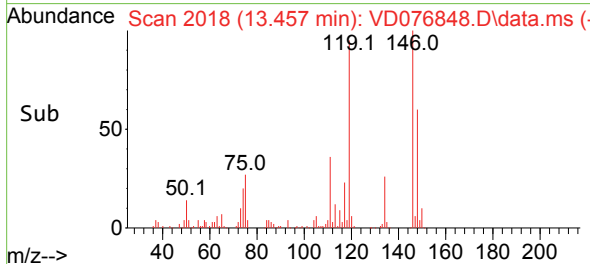
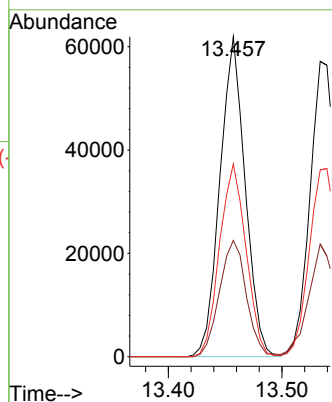
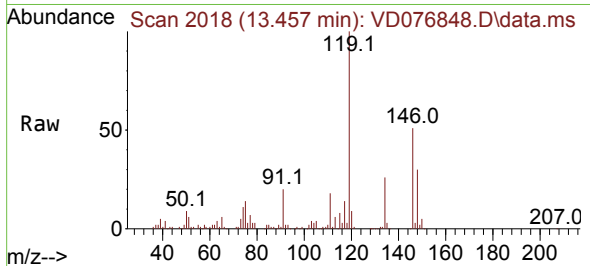




#87
1,3-Dichlorobenzene
Concen: 21.223 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

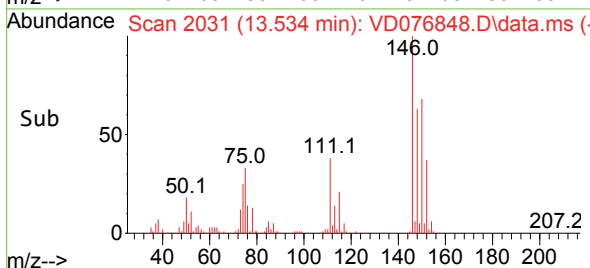
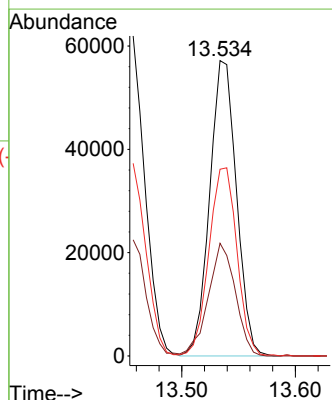
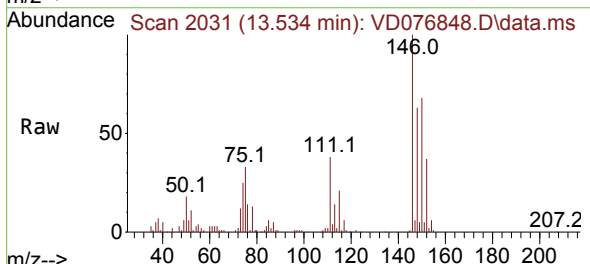
Instrument :
MSVOA_D
ClientSampleId :
VD0728SBS01

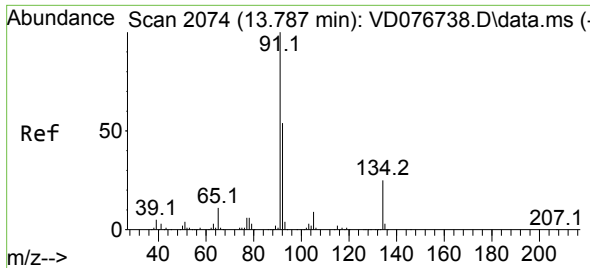
Tgt Ion:146 Resp: 95697
Ion Ratio Lower Upper
146 100
111 38.7 17.9 53.8
148 63.1 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 21.235 ug/l
RT: 13.534 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

Tgt Ion:146 Resp: 93812
Ion Ratio Lower Upper
146 100
111 38.5 17.4 52.3
148 66.8 31.7 95.1

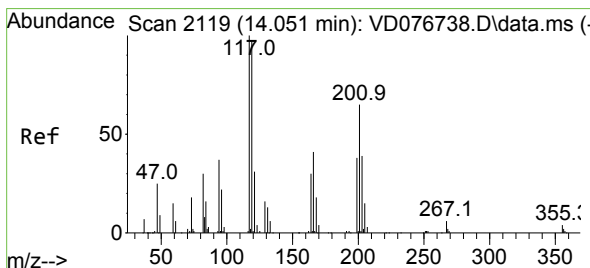
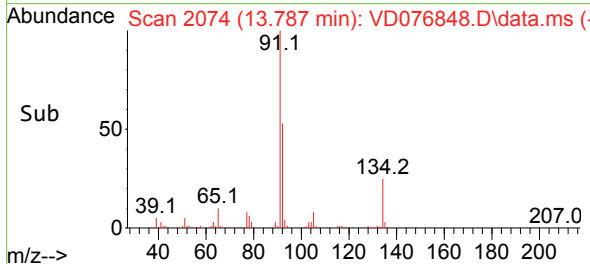
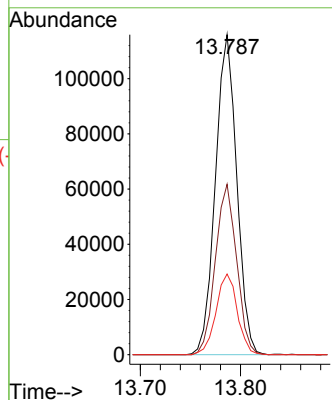
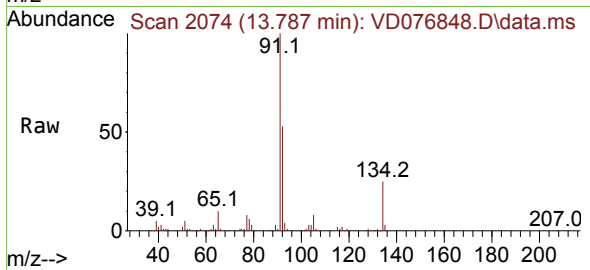




#89
n-Butylbenzene
Concen: 20.534 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

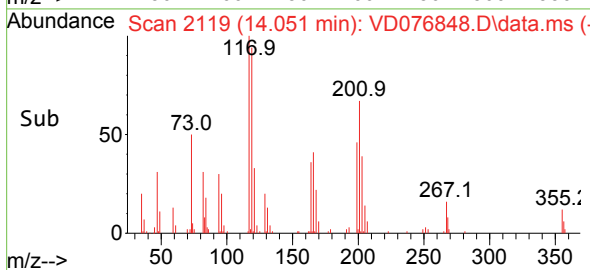
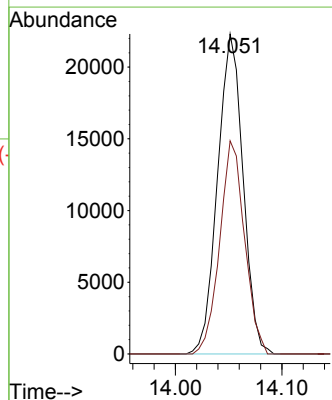
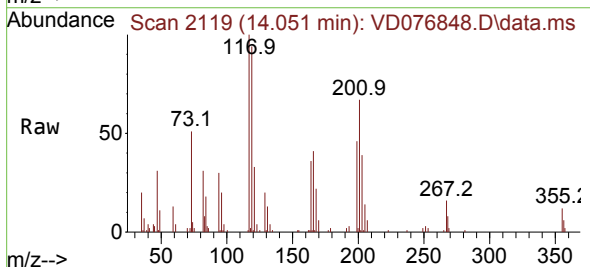
Instrument :
MSVOA_D
ClientSampleId :
VD0728SBS01

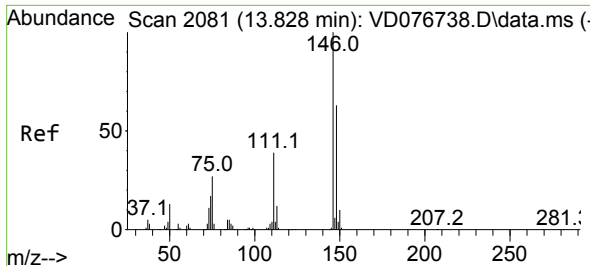
Tgt Ion:	91	Resp:	171434
Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.5	79.5
134	25.2	13.8	41.3



#90
Hexachloroethane
Concen: 23.443 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

Tgt Ion:	117	Resp:	36978
Ion	Ratio	Lower	Upper
117	100		
201	65.1	38.5	115.5

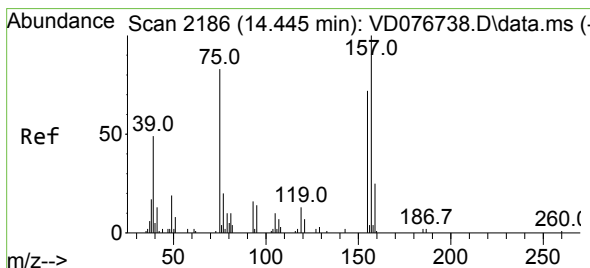
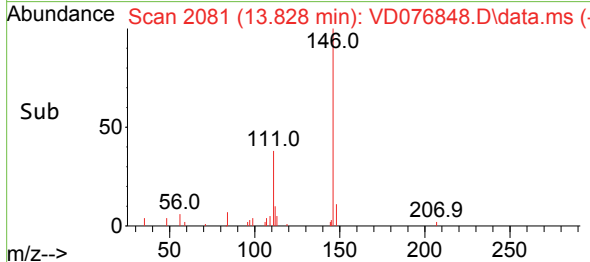
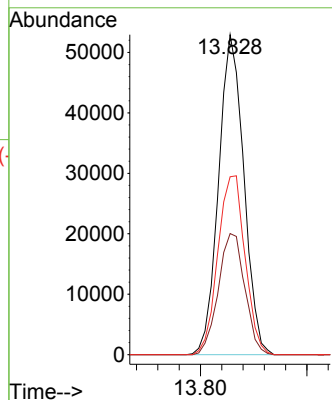
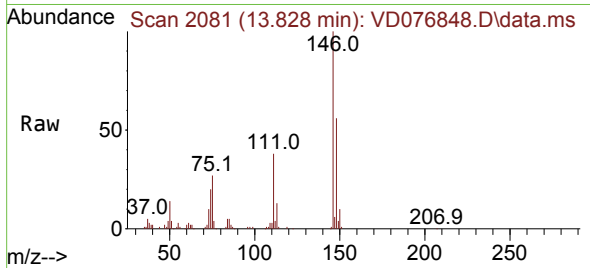




#91
 1,2-Dichlorobenzene
 Concen: 21.876 ug/l
 RT: 13.828 min Scan# 2081
 Delta R.T. -0.000 min
 Lab File: VD076848.D
 Acq: 28 Jul 2023 12:04

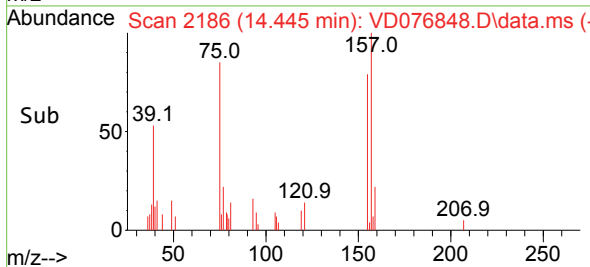
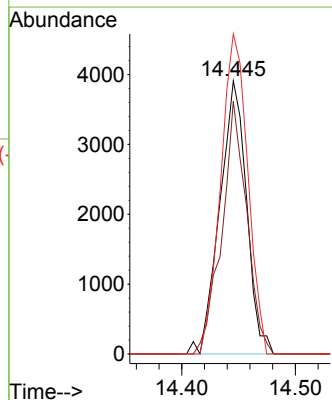
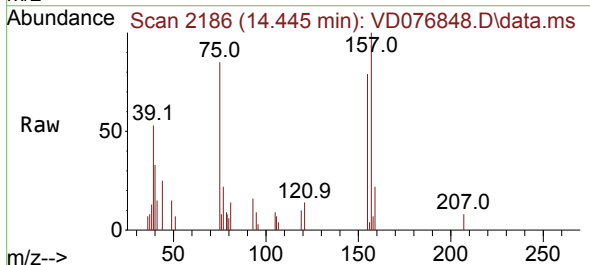
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0728SBS01

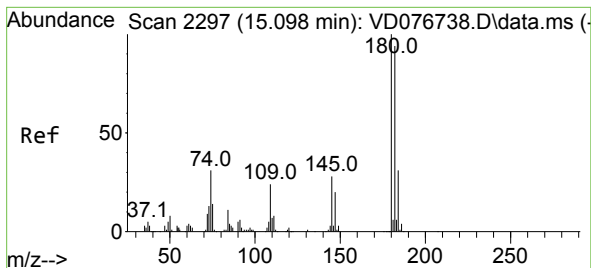
Tgt Ion:146 Resp: 86919
 Ion Ratio Lower Upper
 146 100
 111 39.7 18.3 54.8
 148 60.2 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.012 ug/l
 RT: 14.445 min Scan# 2186
 Delta R.T. 0.000 min
 Lab File: VD076848.D
 Acq: 28 Jul 2023 12:04

Tgt Ion: 75 Resp: 6400
 Ion Ratio Lower Upper
 75 100
 155 85.9 47.9 143.8
 157 118.3 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 21.239 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD076848.D

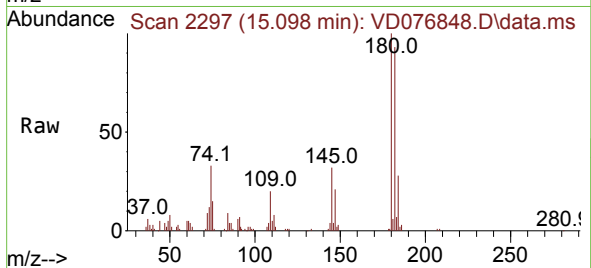
Acq: 28 Jul 2023 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0728SBS01



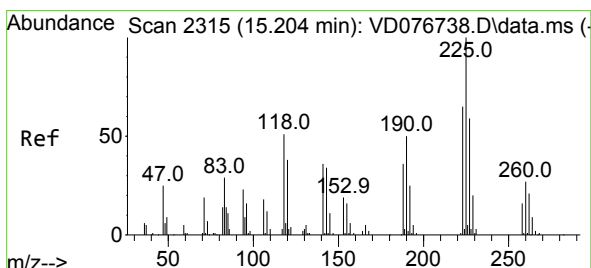
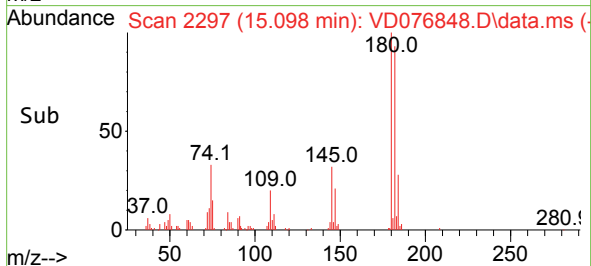
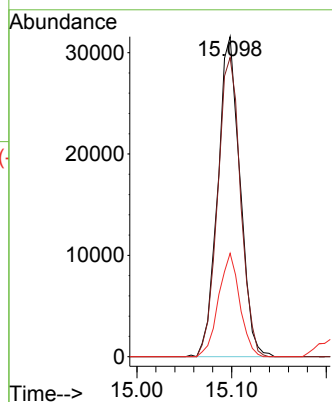
Tgt Ion:180 Resp: 51520

Ion Ratio Lower Upper

180 100

182 96.0 48.5 145.6

145 30.8 14.2 42.6



#94

Hexachlorobutadiene

Concen: 20.394 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD076848.D

Acq: 28 Jul 2023 12:04

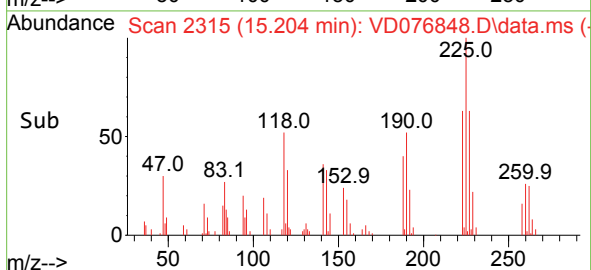
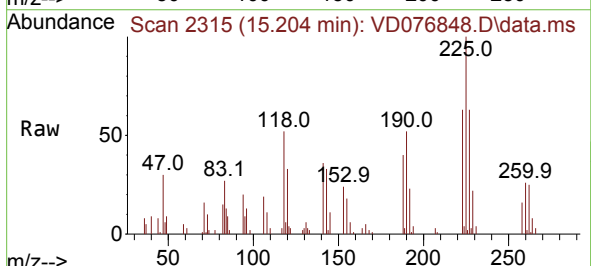
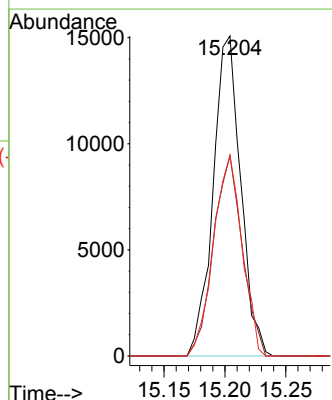
Tgt Ion:225 Resp: 23792

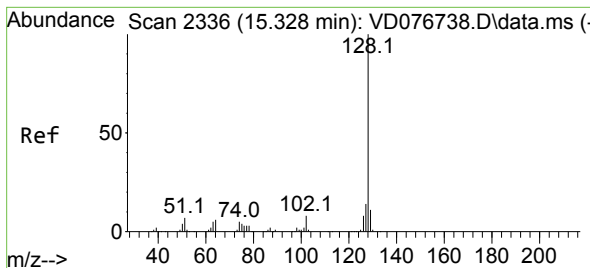
Ion Ratio Lower Upper

225 100

223 65.4 31.6 94.8

227 65.0 31.7 95.1





#95

Naphthalene

Concen: 21.555 ug/l

RT: 15.328 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD076848.D

Acq: 28 Jul 2023 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0728SBS01

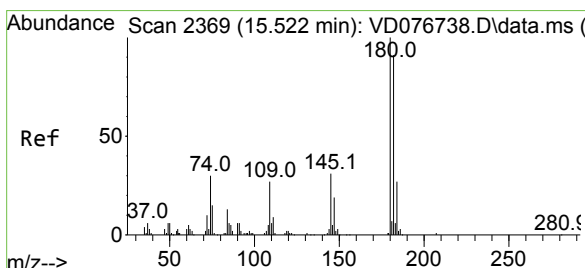
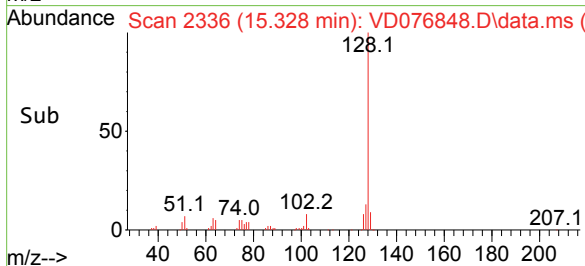
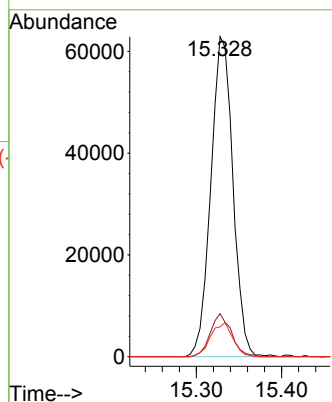
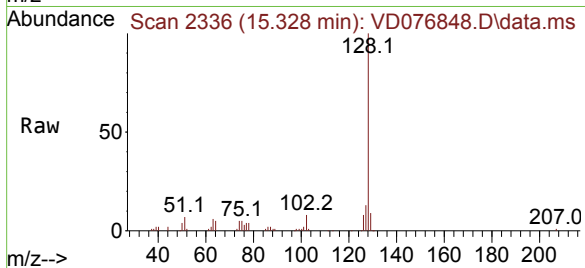
Tgt Ion:128 Resp: 113213

Ion Ratio Lower Upper

128 100

127 13.4 10.5 15.7

129 9.3 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 21.081 ug/l

RT: 15.516 min Scan# 2368

Delta R.T. -0.006 min

Lab File: VD076848.D

Acq: 28 Jul 2023 12:04

Tgt Ion:180 Resp: 45888

Ion Ratio Lower Upper

180 100

182 95.2 47.3 141.9

145 31.6 15.1 45.3

