

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080123\
 Data File : VD076889.D
 Acq On : 01 Aug 2023 12:03
 Operator : KP/SY
 Sample : VD0801SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0801SBS01

Quant Time: Aug 02 01:27:45 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	147081	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	278245	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	259618	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	124509	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	80733	55.109	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.220%
35) Dibromofluoromethane	7.804	113	95640	54.698	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.400%
50) Toluene-d8	10.269	98	311522	49.803	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.600%
62) 4-Bromofluorobenzene	12.575	95	104885	51.833	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.660%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	22922	19.930	ug/l	95
3) Chloromethane	2.146	50	36953	18.625	ug/l	97
4) Vinyl Chloride	2.281	62	50136	18.956	ug/l	97
5) Bromomethane	2.675	94	44533	20.465	ug/l	98
6) Chloroethane	2.828	64	40482	20.273	ug/l	92
7) Trichlorofluoromethane	3.169	101	47777	20.302	ug/l	96
8) Diethyl Ether	3.599	74	17360	21.425	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.958	101	33114	21.406	ug/l	95
10) Methyl Iodide	4.158	142	34497	19.782	ug/l	92
11) Tert butyl alcohol	5.058	59	13634	124.719	ug/l #	90
12) 1,1-Dichloroethene	3.934	96	29296	20.157	ug/l	90
13) Acrolein	3.799	56	7651	102.703	ug/l	90
14) Allyl chloride	4.558	41	40812	21.376	ug/l	90
15) Acrylonitrile	5.258	53	43305	108.818	ug/l	99
16) Acetone	4.028	43	37281	106.558	ug/l #	84
17) Carbon Disulfide	4.269	76	56497	16.643	ug/l	100
18) Methyl Acetate	4.563	43	30460	23.172	ug/l	94
19) Methyl tert-butyl Ether	5.310	73	83583	21.445	ug/l	96
20) Methylene Chloride	4.799	84	75961	32.950	ug/l #	84
21) trans-1,2-Dichloroethene	5.316	96	34245	20.270	ug/l	93
22) Diisopropyl ether	6.216	45	98846	21.863	ug/l	92
23) Vinyl Acetate	6.152	43	231379	103.434	ug/l	93
24) 1,1-Dichloroethane	6.110	63	69275	22.726	ug/l	99
25) 2-Butanone	7.081	43	56628	120.937	ug/l #	86
26) 2,2-Dichloropropane	7.069	77	58512	22.268	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	45665	21.927	ug/l	95
28) Bromochloromethane	7.422	49	18906	24.808	ug/l	84
29) Tetrahydrofuran	7.440	42	30926	111.785	ug/l	89
30) Chloroform	7.593	83	79793	23.899	ug/l	96
31) Cyclohexane	7.881	56	39793	18.457	ug/l	95
32) 1,1,1-Trichloroethane	7.787	97	61322	22.765	ug/l	97
36) 1,1-Dichloropropene	8.004	75	46063	20.160	ug/l	96
37) Ethyl Acetate	7.175	43	22597	22.115	ug/l	97
38) Carbon Tetrachloride	7.993	117	47561	21.740	ug/l	98
39) Methylcyclohexane	9.269	83	46017	17.443	ug/l	89
40) Benzene	8.246	78	150694	20.903	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	14091	22.583	ug/l #	86
42) 1,2-Dichloroethane	8.328	62	44257	23.627	ug/l	96
43) Isopropyl Acetate	8.363	43	40806	20.463	ug/l	94
44) Trichloroethene	9.028	130	40064	20.394	ug/l	92
45) 1,2-Dichloropropane	9.298	63	41800	22.462	ug/l	96
46) Dibromomethane	9.393	93	24401	22.401	ug/l	88
47) Bromodichloromethane	9.587	83	60947	22.296	ug/l	93
48) Methyl methacrylate	9.381	41	19726	21.734	ug/l	84
49) 1,4-Dioxane	9.393	88	5261	376.968	ug/l #	81
51) 4-Methyl-2-Pentanone	10.157	43	116276	109.514	ug/l	93
52) Toluene	10.334	92	95971	20.269	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	53906	21.246	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	63311	21.173	ug/l #	89
55) 1,1,2-Trichloroethane	10.734	97	35282	22.181	ug/l	93
56) Ethyl methacrylate	10.598	69	37719	20.545	ug/l #	87
57) 1,3-Dichloropropane	10.881	76	56864	21.952	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	75236	105.871	ug/l	97
59) 2-Hexanone	10.922	43	82625	109.062	ug/l	91
60) Dibromochloromethane	11.075	129	40610	21.977	ug/l	92
61) 1,2-Dibromoethane	11.175	107	32423	21.986	ug/l	99
64) Tetrachloroethene	10.810	164	30104	20.335	ug/l	91
65) Chlorobenzene	11.604	112	112427	21.532	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	42191	21.703	ug/l	98
67) Ethyl Benzene	11.681	91	186489	20.337	ug/l	97
68) m/p-Xylenes	11.792	106	144262	40.963	ug/l	92
69) o-Xylene	12.122	106	68462	20.103	ug/l	92
70) Styrene	12.134	104	125602	21.068	ug/l	98
71) Bromoform	12.298	173	23715	22.274	ug/l #	100
73) Isopropylbenzene	12.422	105	183746	20.341	ug/l	95
74) N-amyl acetate	12.234	43	37860	19.894	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	42271	21.794	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	48112	40.633	ug/l #	100
77) Bromobenzene	12.698	156	45311	21.731	ug/l	89
78) n-propylbenzene	12.763	91	226049	20.641	ug/l	95
79) 2-Chlorotoluene	12.851	91	126721	21.104	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	149382	20.451	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	12031	21.625	ug/l	97
82) 4-Chlorotoluene	12.945	91	132549	21.130	ug/l	95
83) tert-Butylbenzene	13.169	119	131647	20.469	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	152025	20.367	ug/l	95
85) sec-Butylbenzene	13.345	105	202219	20.580	ug/l	94
86) p-Isopropyltoluene	13.463	119	163252	20.117	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	90772	21.165	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	92055	21.908	ug/l	97
89) n-Butylbenzene	13.786	91	158091	19.909	ug/l	98
90) Hexachloroethane	14.057	117	34769	23.175	ug/l	83
91) 1,2-Dichlorobenzene	13.834	146	79953	21.157	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5884	21.277	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	47638	20.648	ug/l	97
94) Hexachlorobutadiene	15.204	225	22137	19.950	ug/l	95
95) Naphthalene	15.333	128	101861	20.390	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	43231	20.880	ug/l	96

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

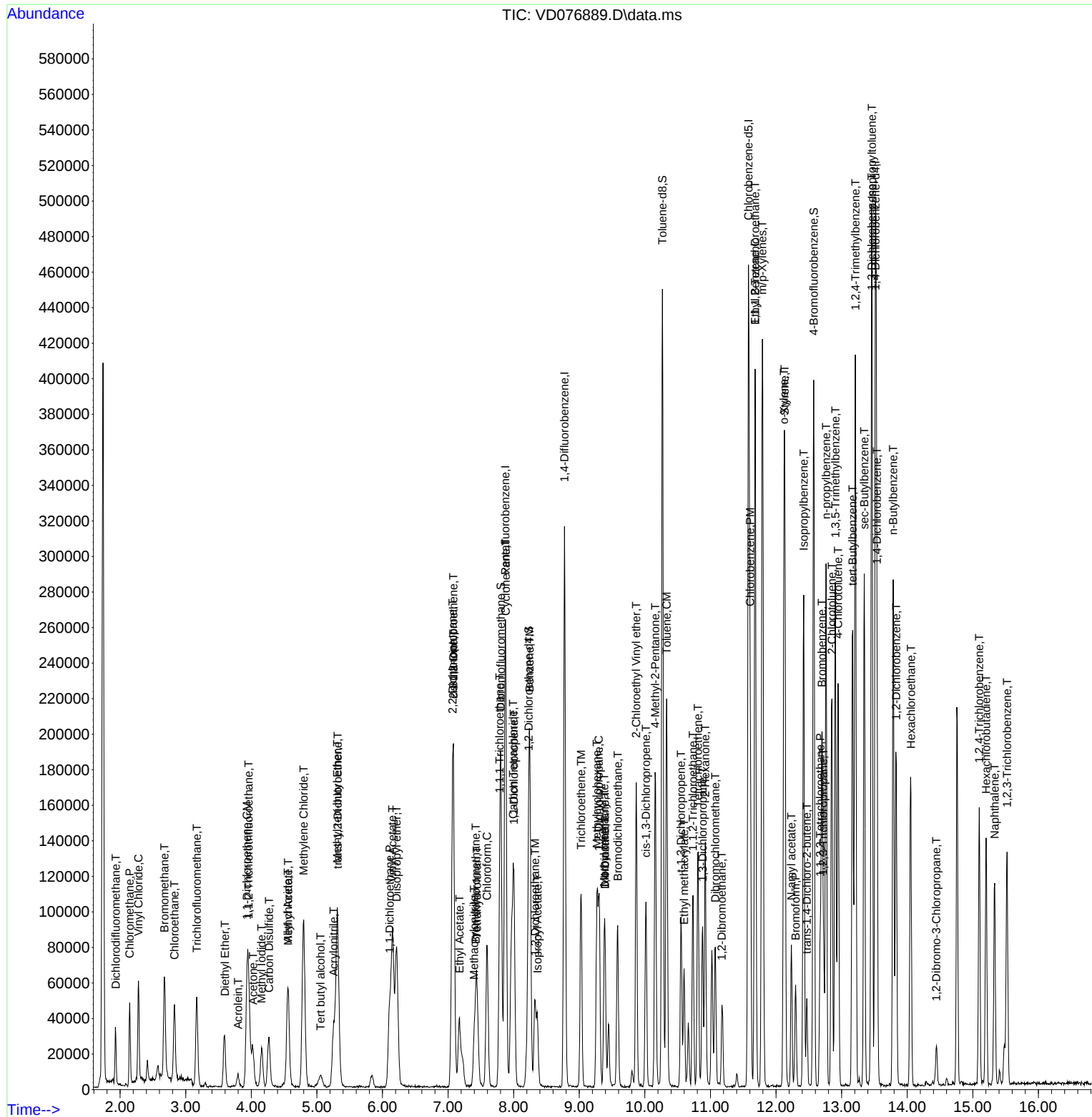
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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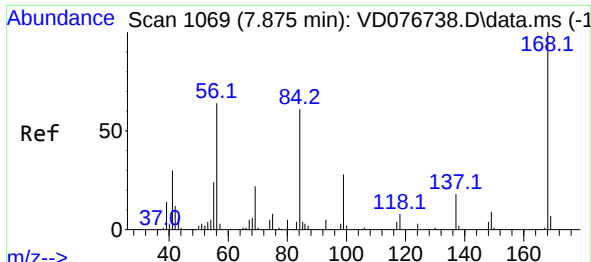
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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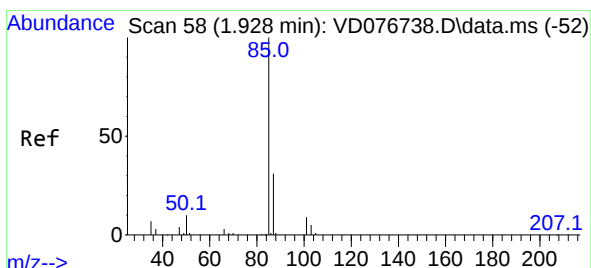
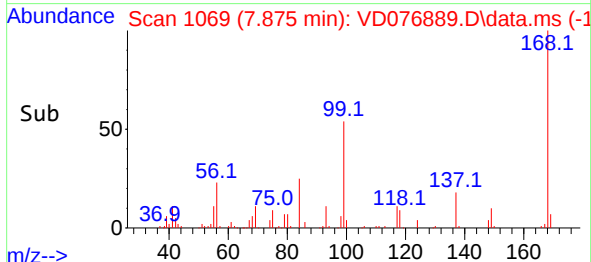
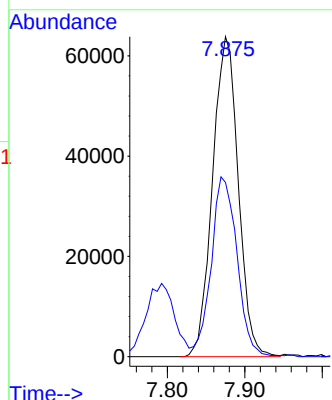
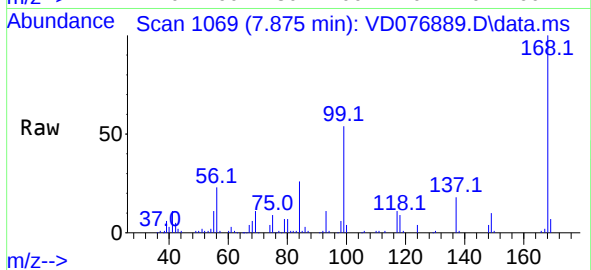




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD076889.D
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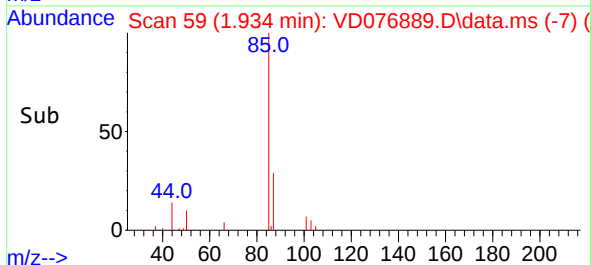
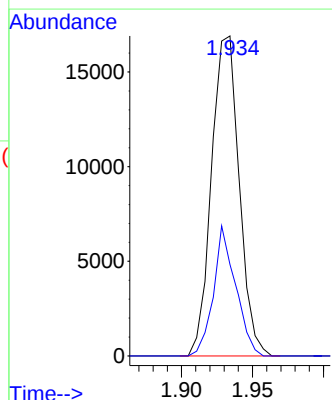
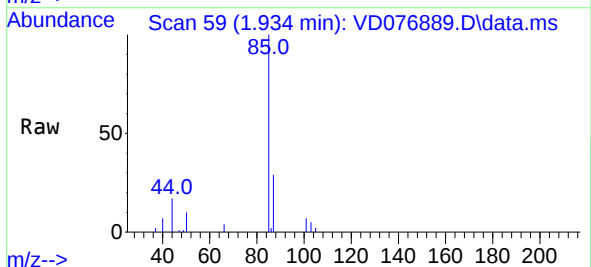
Instrument :
MSVOA_D
ClientSampleId :
VD0801SBS01

Tgt Ion:168 Resp: 147081
Ion Ratio Lower Upper
168 100
99 54.1 36.7 55.1

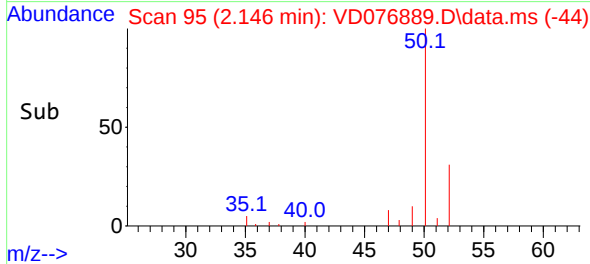
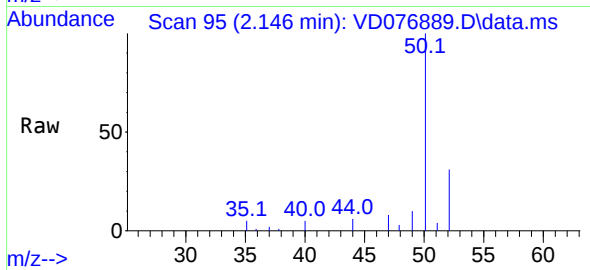
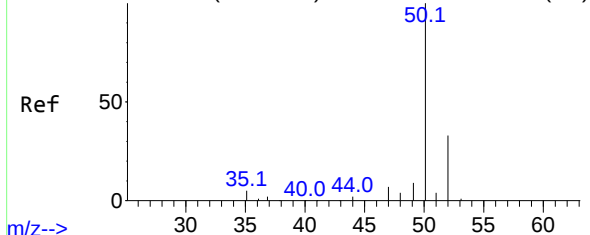


#2
Dichlorodifluoromethane
Concen: 19.930 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.006 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

Tgt Ion: 85 Resp: 22922
Ion Ratio Lower Upper
85 100
87 28.6 15.7 47.0



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



#3

Chloromethane

Concen: 18.625 ug/l

RT: 2.146 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD076889.D

Acq: 01 Aug 2023 12:03

Instrument :

MSVOA_D

ClientSampleId :

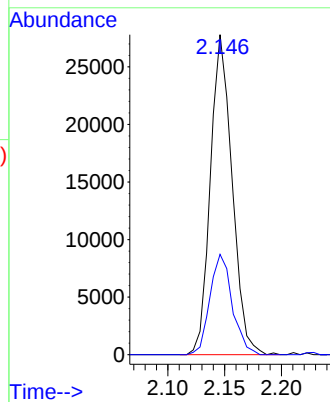
VD0801SBS01

Tgt Ion: 50 Resp: 36953

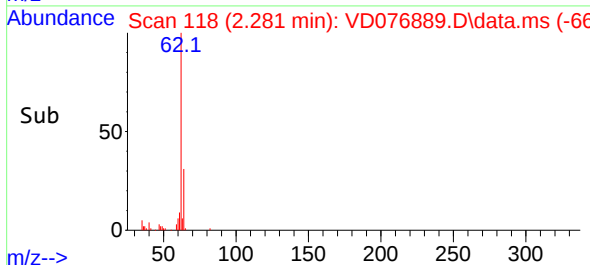
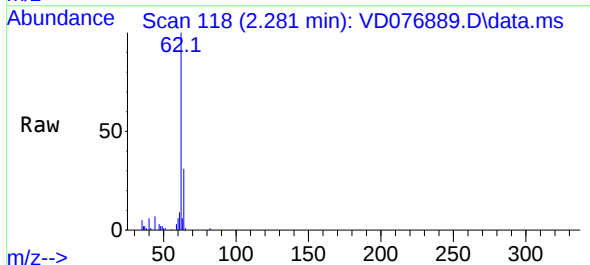
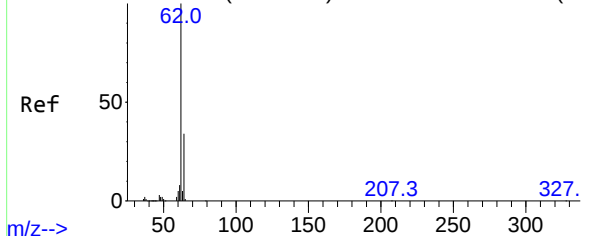
Ion Ratio Lower Upper

50 100

52 31.3 26.6 40.0



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



#4

Vinyl Chloride

Concen: 18.956 ug/l

RT: 2.281 min Scan# 118

Delta R.T. 0.006 min

Lab File: VD076889.D

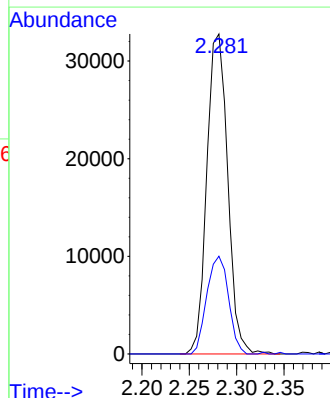
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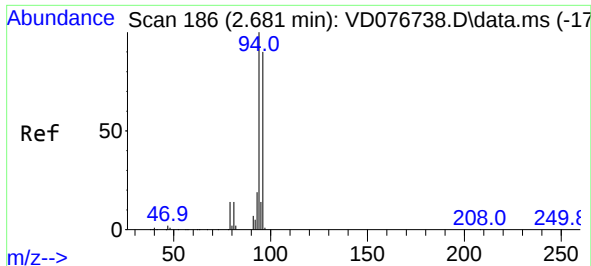
Tgt Ion: 62 Resp: 50136

Ion Ratio Lower Upper

62 100

64 30.6 26.0 39.0

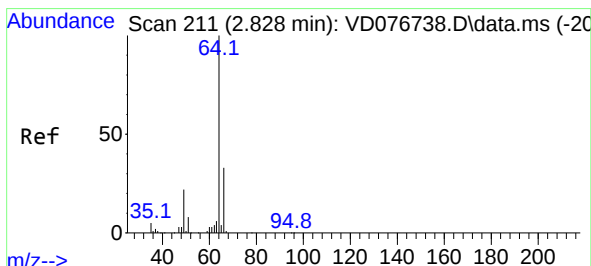
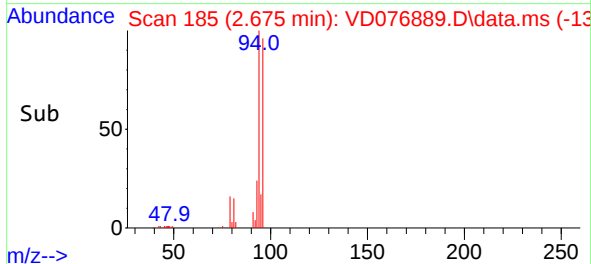
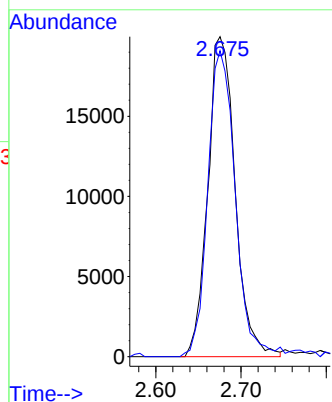
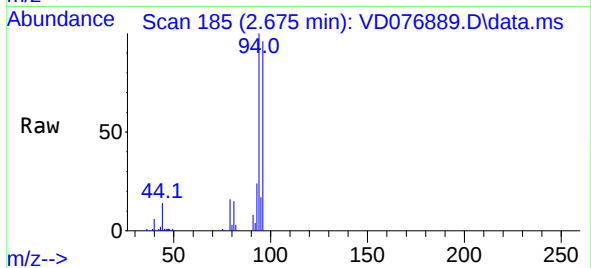




#5
Bromomethane
Concen: 20.465 ug/l
RT: 2.675 min Scan# 185
Delta R.T. -0.006 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

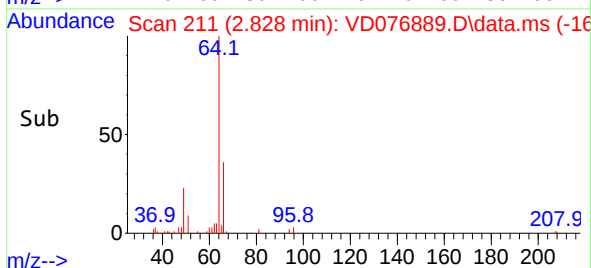
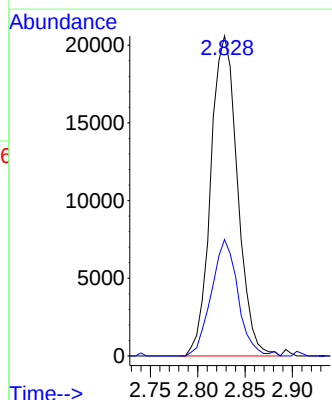
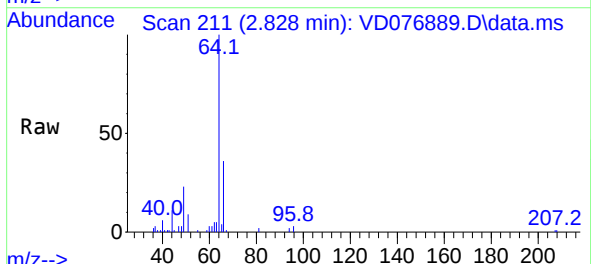
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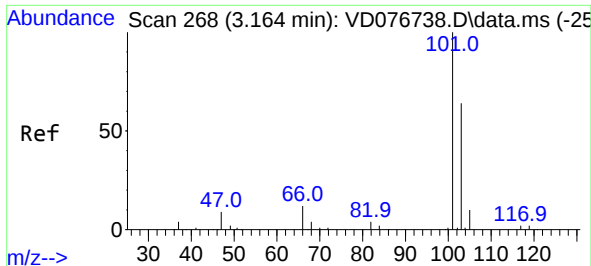
Tgt Ion: 94 Resp: 44533
Ion Ratio Lower Upper
94 100
96 96.3 75.8 113.8



#6
Chloroethane
Concen: 20.273 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

Tgt Ion: 64 Resp: 40482
Ion Ratio Lower Upper
64 100
66 36.4 25.5 38.3

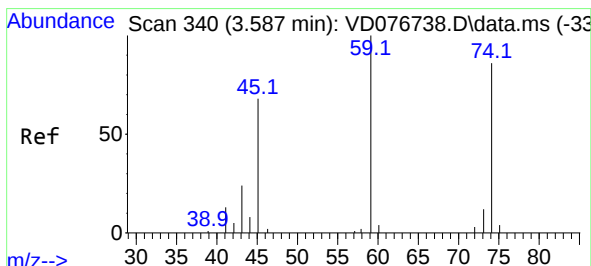
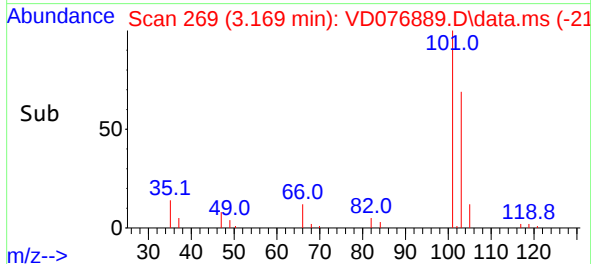
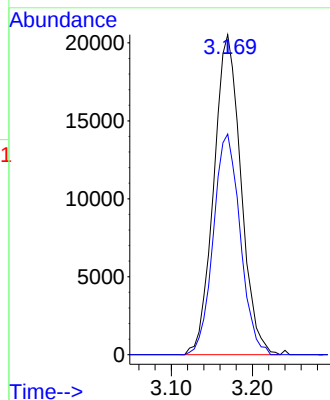
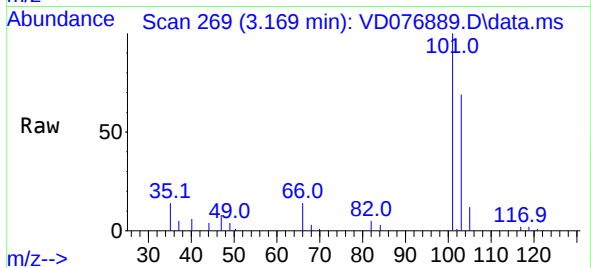




#7
 Trichlorofluoromethane
 Concen: 20.302 ug/l
 RT: 3.169 min Scan# 210
 Delta R.T. 0.005 min
 Lab File: VD076889.D
 Acq: 01 Aug 2023 12:03

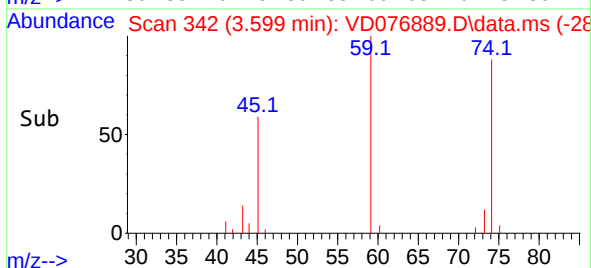
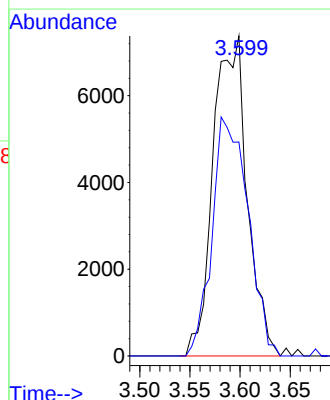
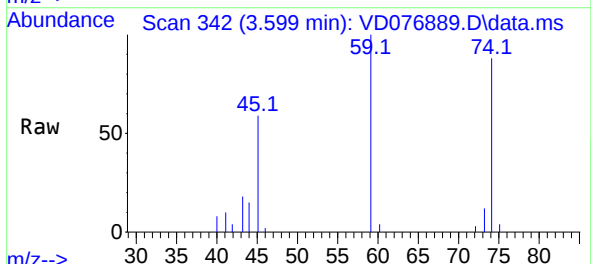
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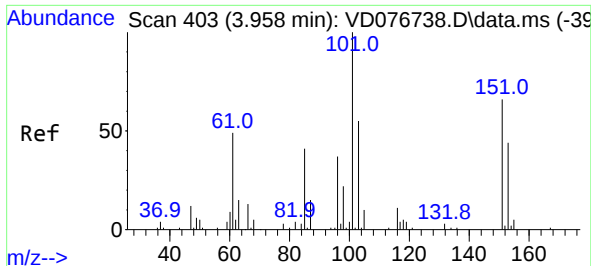
Tgt Ion:101 Resp: 47777
 Ion Ratio Lower Upper
 101 100
 103 68.9 52.3 78.5



#8
 Diethyl Ether
 Concen: 21.425 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.012 min
 Lab File: VD076889.D
 Acq: 01 Aug 2023 12:03

Tgt Ion: 74 Resp: 17360
 Ion Ratio Lower Upper
 74 100
 45 79.0 37.5 112.7



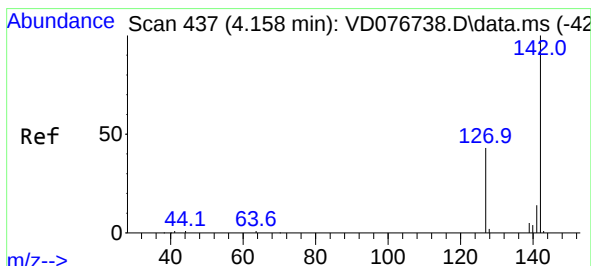
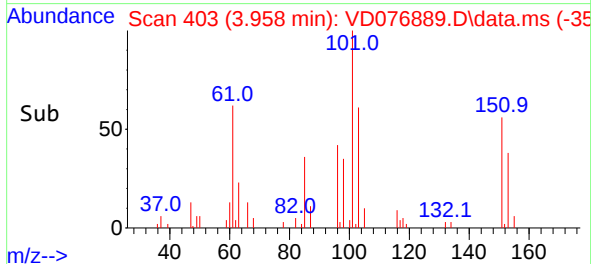
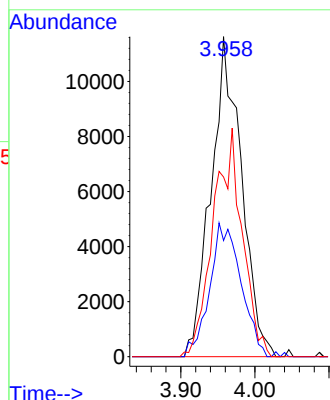
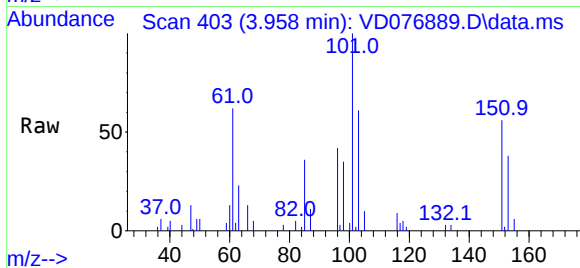


#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.406 ug/l
RT: 3.958 min Scan# 403
Delta R.T. -0.000 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

Instrument :
MSVOA_D
ClientSampleId :
VD0801SBS01

Tgt Ion:101 Resp: 33114

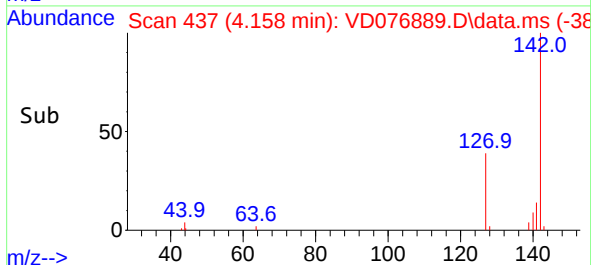
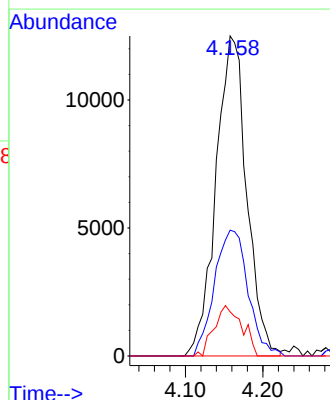
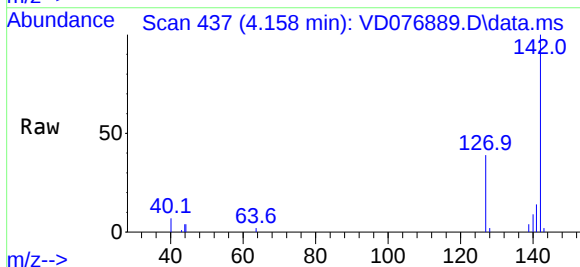
Ion	Ratio	Lower	Upper
101	100		
85	43.0	33.8	50.6
151	68.1	59.8	89.6

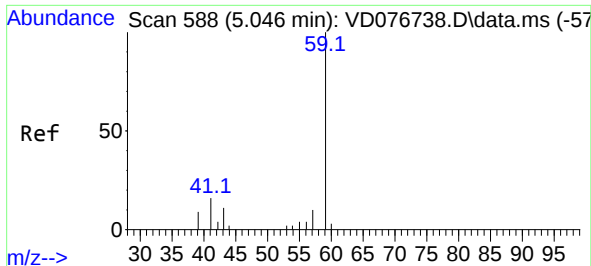


#10
Methyl Iodide
Concen: 19.782 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

Tgt Ion:142 Resp: 34497

Ion	Ratio	Lower	Upper
142	100		
127	42.9	29.4	44.0
141	14.3	11.1	16.7

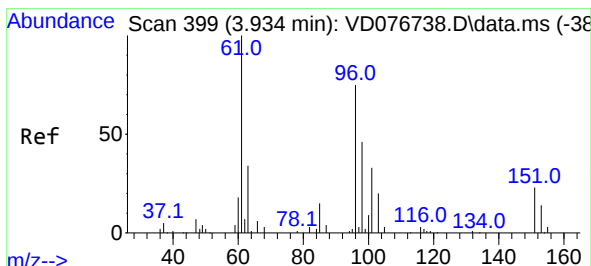
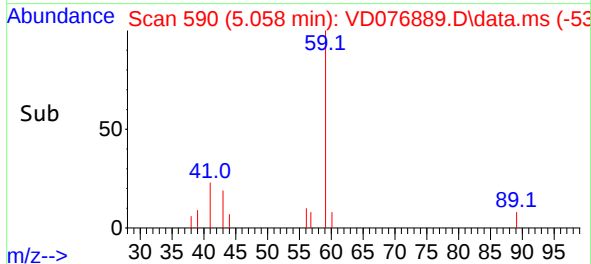
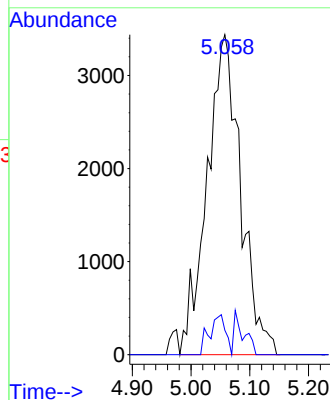
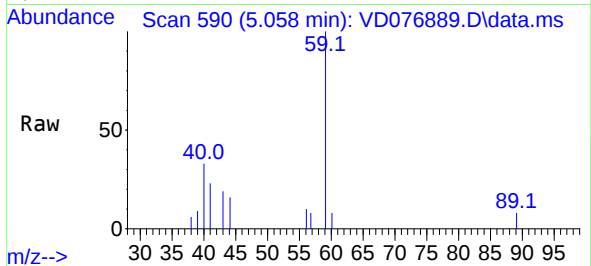




#11
Tert butyl alcohol
Concen: 124.719 ug/l
RT: 5.058 min Scan# 51
Delta R.T. 0.012 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

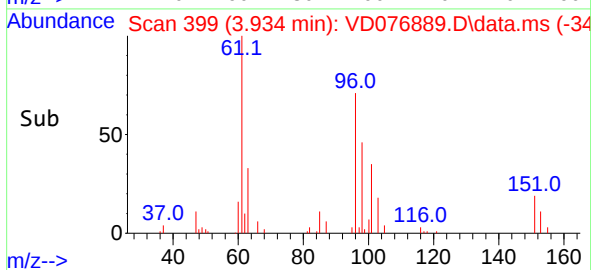
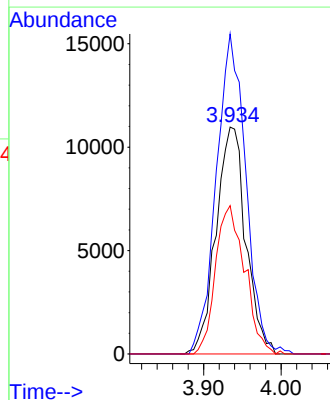
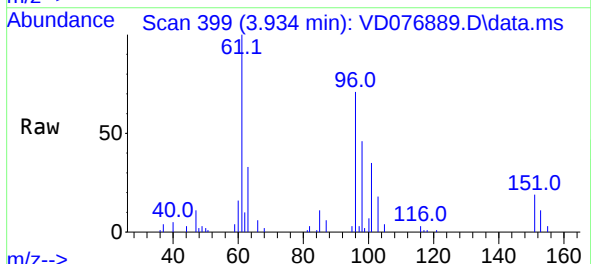
Instrument :
MSVOA_D
ClientSampleId :
VD0801SBS01

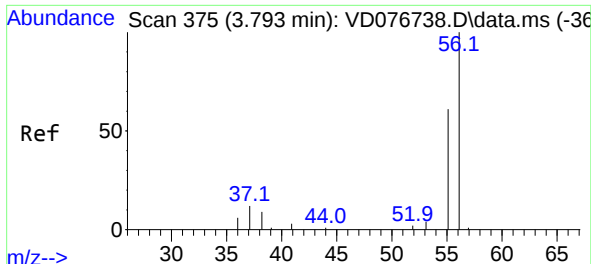
Tgt Ion: 59 Resp: 13634
Ion Ratio Lower Upper
59 100
57 6.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 20.157 ug/l
RT: 3.934 min Scan# 399
Delta R.T. 0.000 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

Tgt Ion: 96 Resp: 29296
Ion Ratio Lower Upper
96 100
61 141.1 100.6 150.8
98 65.4 50.2 75.2





#13

Acrolein

Concen: 102.703 ug/l

RT: 3.799 min Scan# 31

Delta R.T. 0.006 min

Lab File: VD076889.D

Acq: 01 Aug 2023 12:03

Instrument :

MSVOA_D

ClientSampleId :

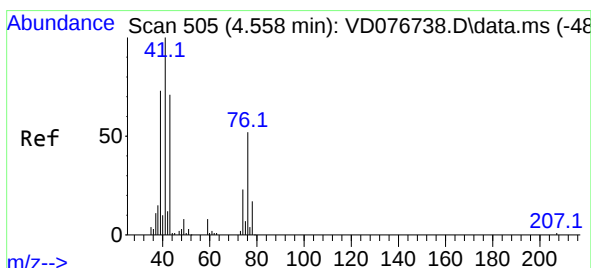
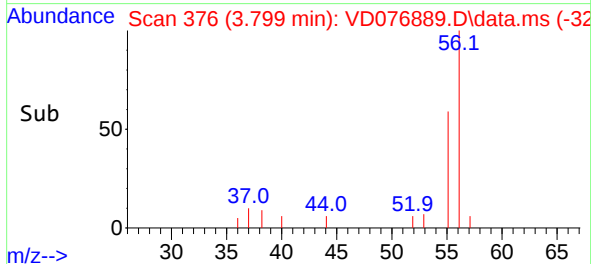
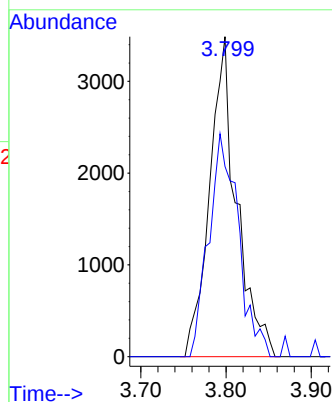
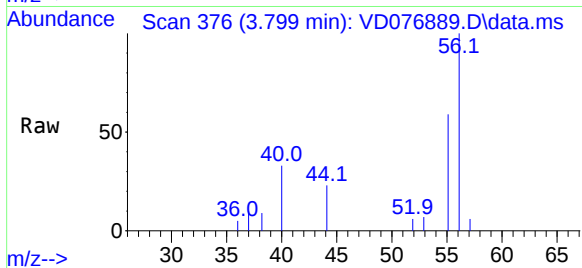
VD0801SBS01

Tgt Ion: 56 Resp: 7651

Ion Ratio Lower Upper

56 100

55 76.7 55.1 82.7



#14

Allyl chloride

Concen: 21.376 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.000 min

Lab File: VD076889.D

Acq: 01 Aug 2023 12:03

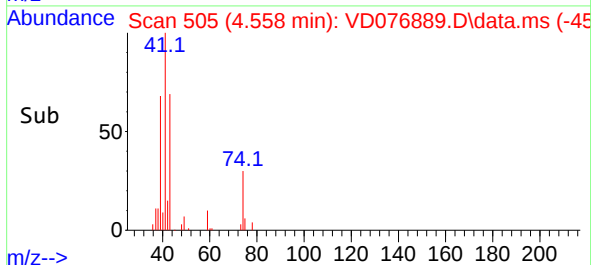
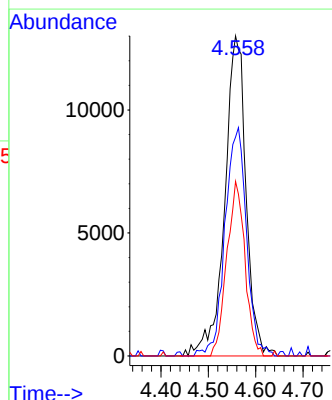
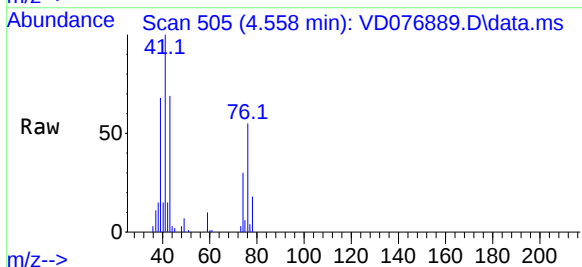
Tgt Ion: 41 Resp: 40812

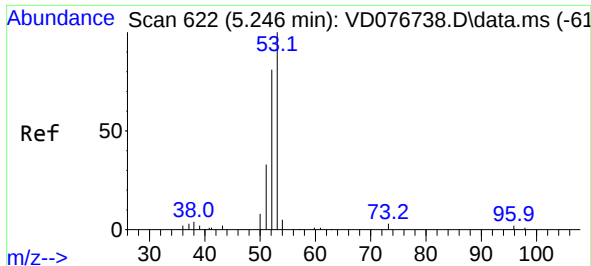
Ion Ratio Lower Upper

41 100

39 71.7 53.8 80.6

76 46.3 45.8 68.8

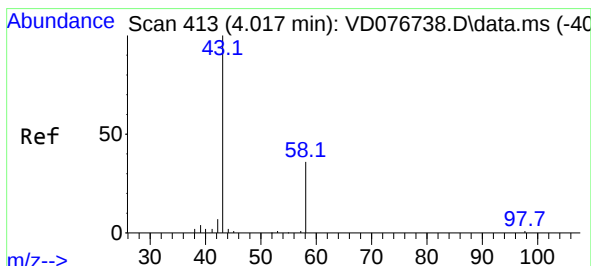
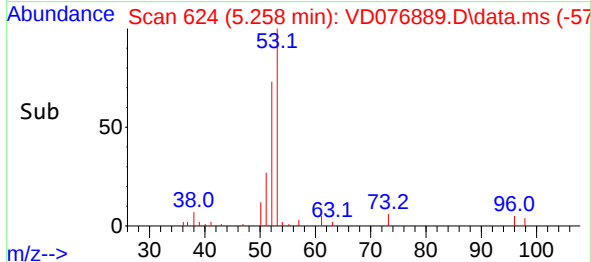
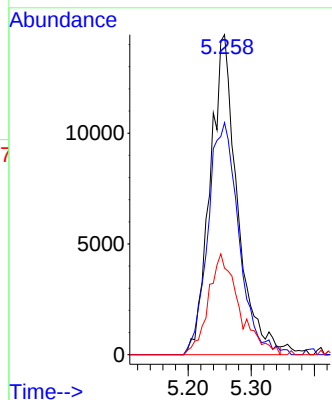
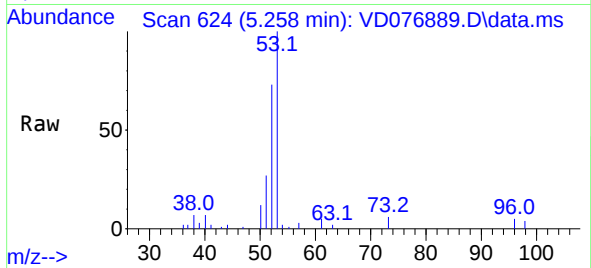




#15
Acrylonitrile
Concen: 108.818 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

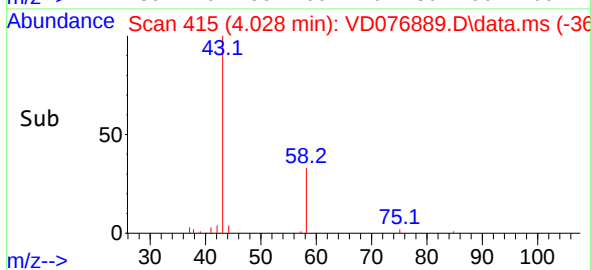
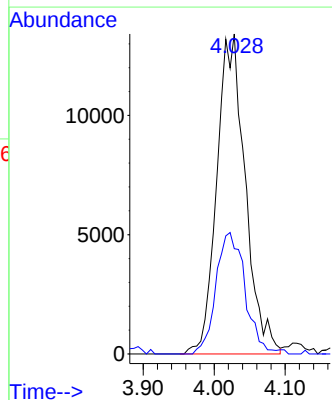
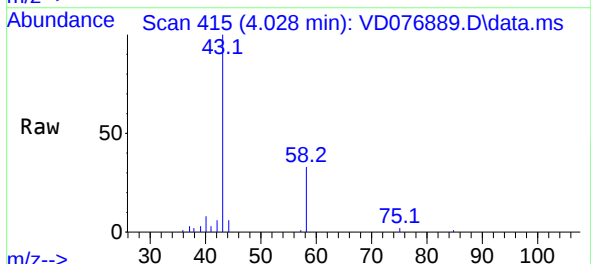
Instrument :
MSVOA_D
ClientSampleId :
VD0801SBS01

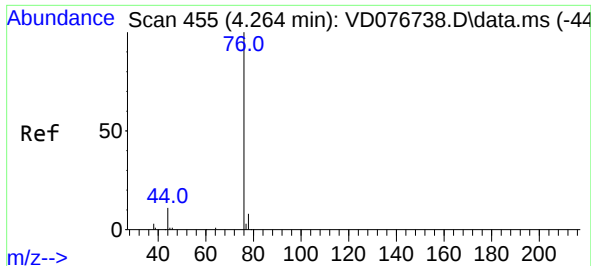
Tgt Ion: 53 Resp: 43305
Ion Ratio Lower Upper
53 100
52 82.5 65.0 97.4
51 35.6 28.3 42.5



#16
Acetone
Concen: 106.558 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.011 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

Tgt Ion: 43 Resp: 37281
Ion Ratio Lower Upper
43 100
58 32.9 34.7 52.1#

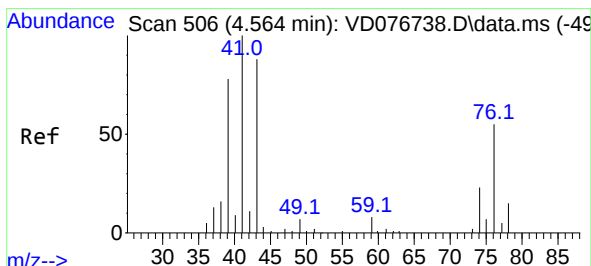
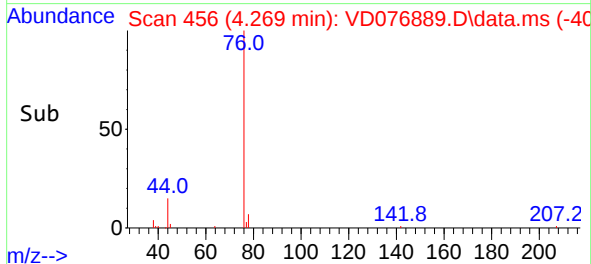
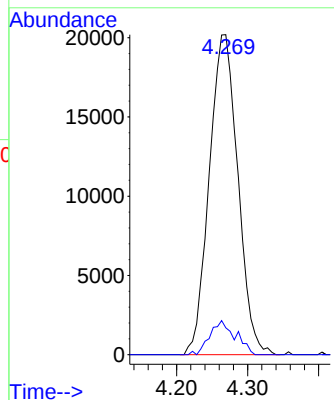
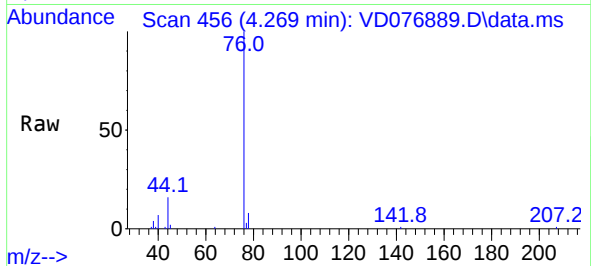




#17
Carbon Disulfide
Concen: 16.643 ug/l
RT: 4.269 min Scan# 41
Delta R.T. 0.005 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

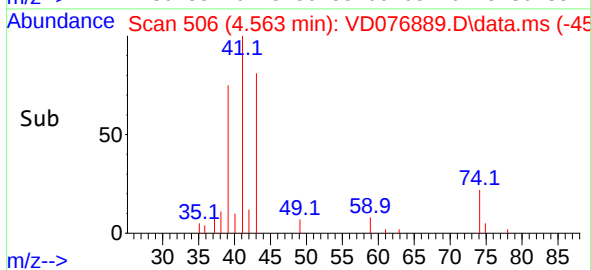
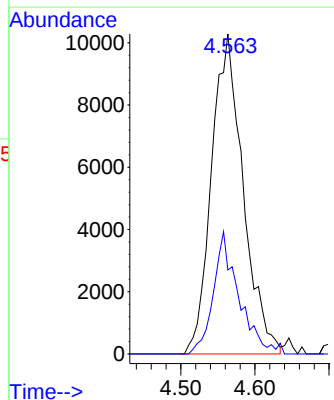
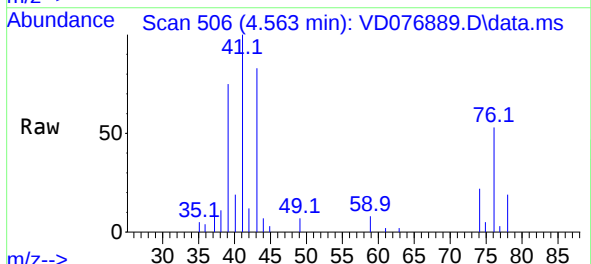
Instrument :
MSVOA_D
ClientSampleId :
VD0801SBS01

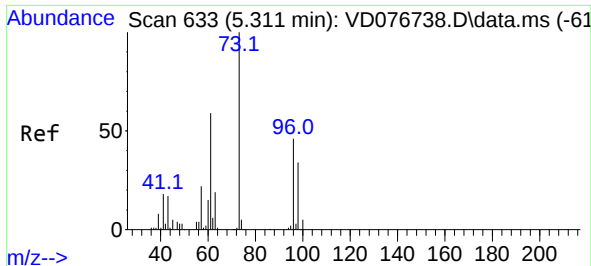
Tgt Ion: 76 Resp: 56497
Ion Ratio Lower Upper
76 100
78 8.4 6.8 10.2



#18
Methyl Acetate
Concen: 23.172 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.001 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

Tgt Ion: 43 Resp: 30460
Ion Ratio Lower Upper
43 100
74 29.9 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 21.445 ug/l

RT: 5.310 min Scan# 61

Delta R.T. -0.001 min

Lab File: VD076889.D

Acq: 01 Aug 2023 12:03

Instrument :

MSVOA_D

ClientSampleId :

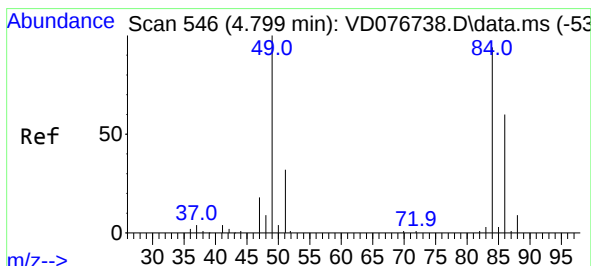
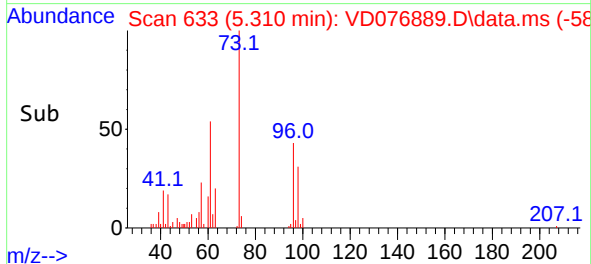
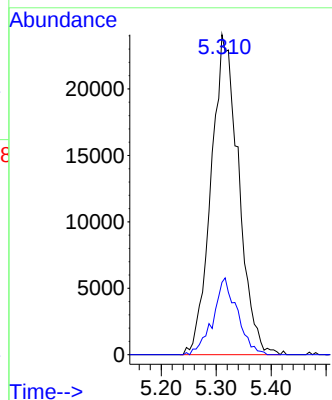
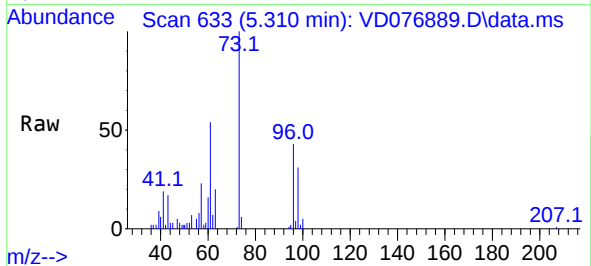
VD0801SBS01

Tgt Ion: 73 Resp: 83583

Ion Ratio Lower Upper

73 100

57 22.6 16.6 25.0



#20

Methylene Chloride

Concen: 32.950 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD076889.D

Acq: 01 Aug 2023 12:03

Tgt Ion: 84 Resp: 75961

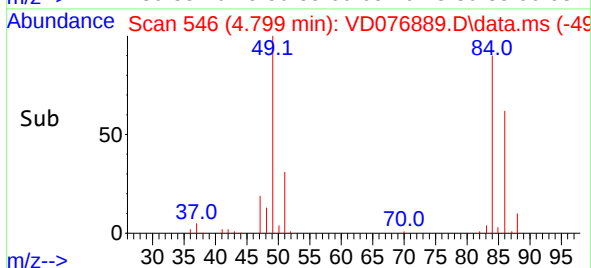
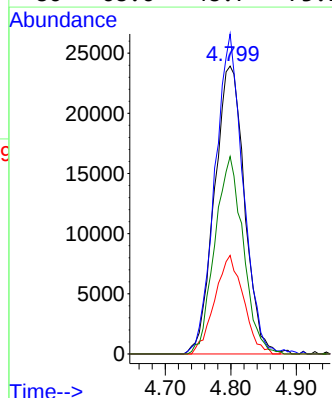
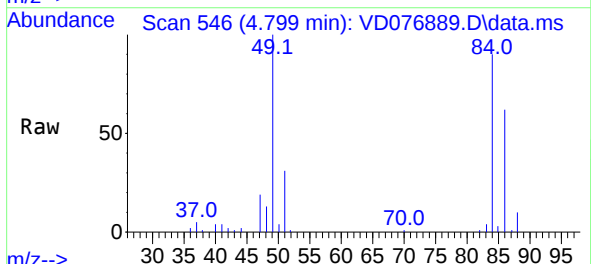
Ion Ratio Lower Upper

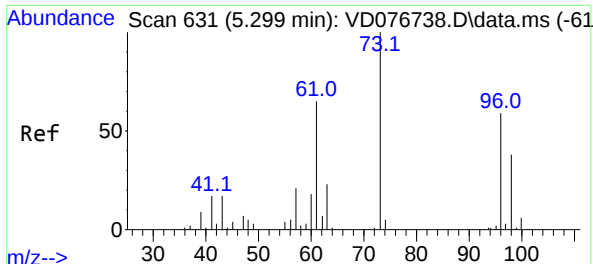
84 100

49 111.2 71.4 107.2#

51 34.2 24.5 36.7

86 68.6 48.7 73.1

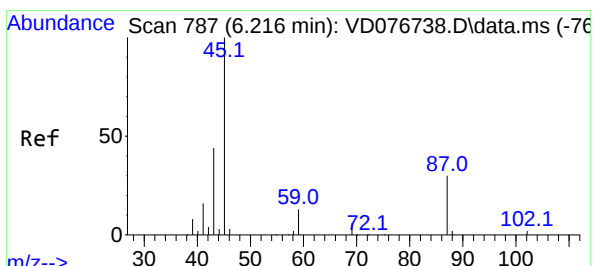
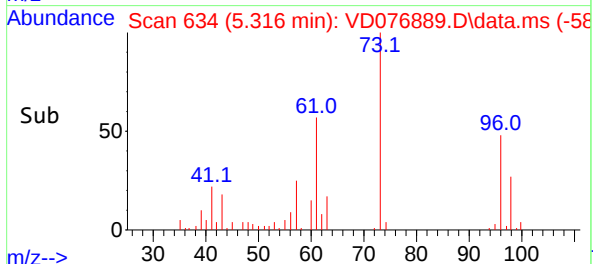
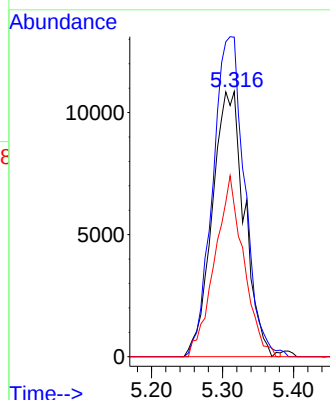
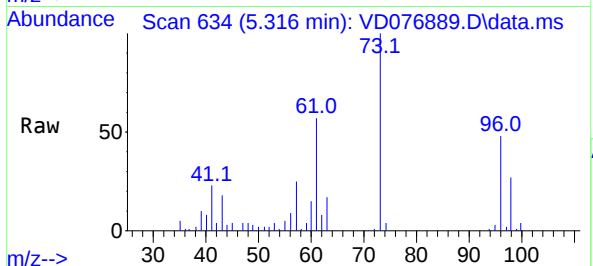




#21
trans-1,2-Dichloroethene
Concen: 20.270 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.017 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

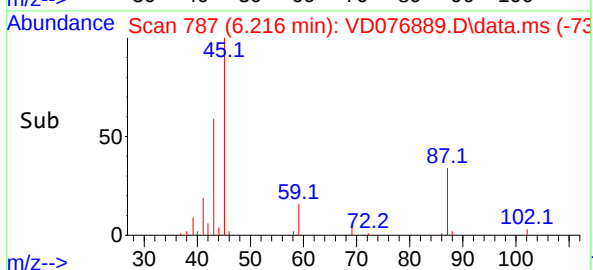
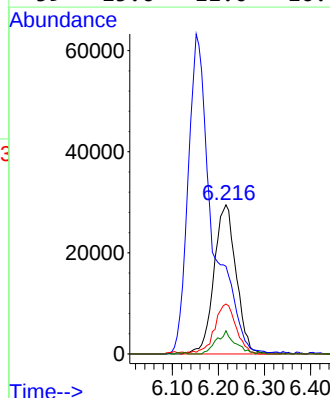
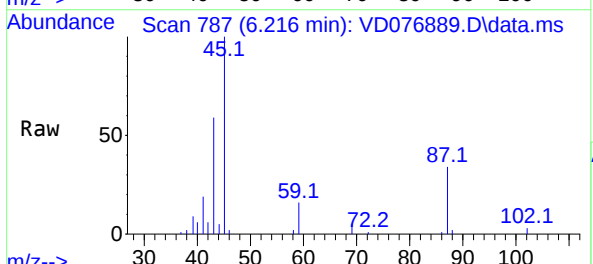
Instrument :
MSVOA_D
ClientSampleId :
VD0801SBS01

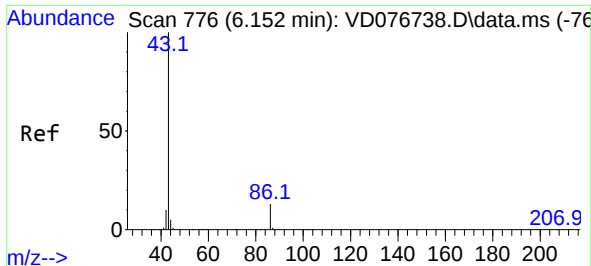
Tgt Ion: 96 Resp: 34245
Ion Ratio Lower Upper
96 100
61 120.5 89.3 133.9
98 56.7 48.6 73.0



#22
Diisopropyl ether
Concen: 21.863 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

Tgt Ion: 45 Resp: 98846
Ion Ratio Lower Upper
45 100
43 58.2 40.0 60.0
87 33.5 28.2 42.4
59 15.6 11.0 16.4

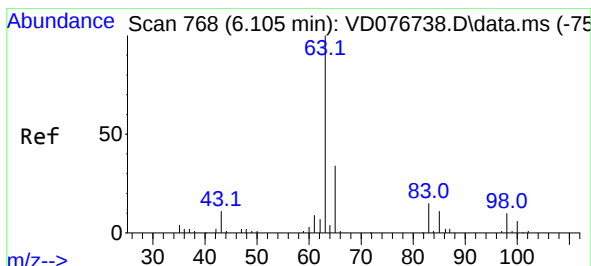
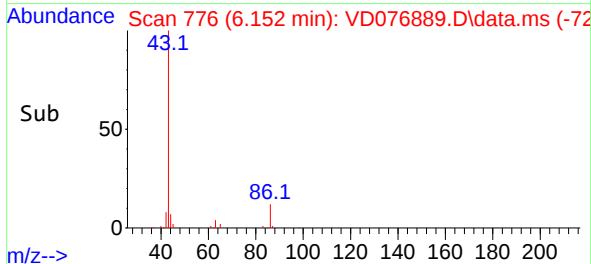
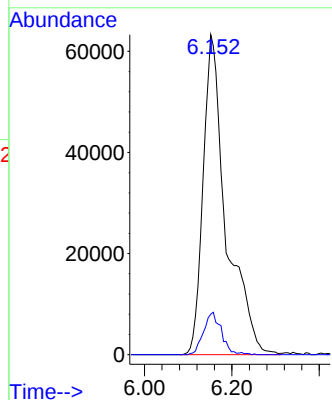
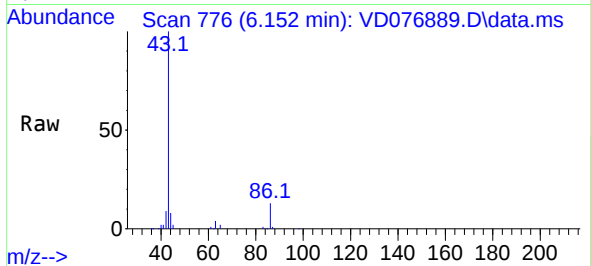




#23
 Vinyl Acetate
 Concen: 103.434 ug/l
 RT: 6.152 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VD076889.D
 Acq: 01 Aug 2023 12:03

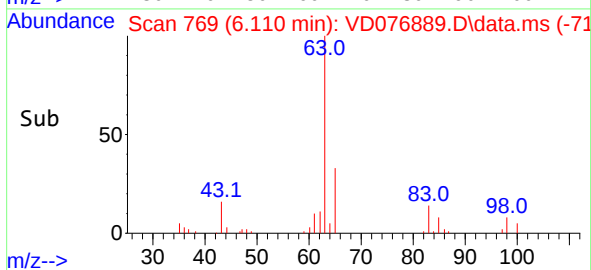
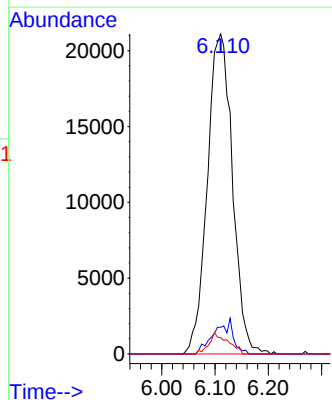
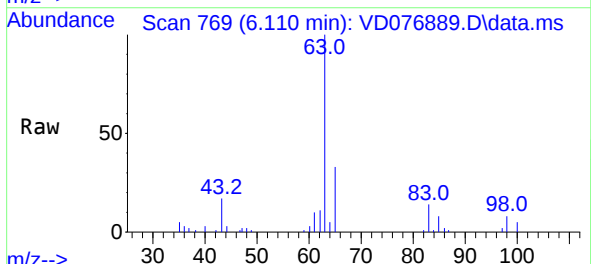
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0801SBS01

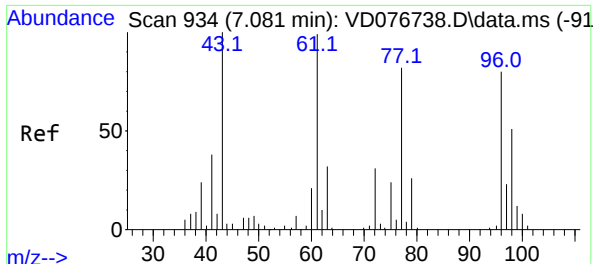
Tgt Ion: 43 Resp: 231379
 Ion Ratio Lower Upper
 43 100
 86 12.6 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 22.726 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.005 min
 Lab File: VD076889.D
 Acq: 01 Aug 2023 12:03

Tgt Ion: 63 Resp: 69275
 Ion Ratio Lower Upper
 63 100
 98 8.4 4.5 13.7
 100 5.1 2.5 7.5

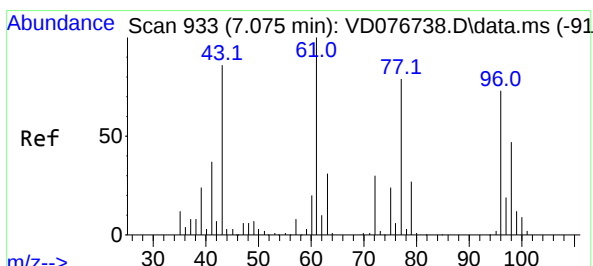
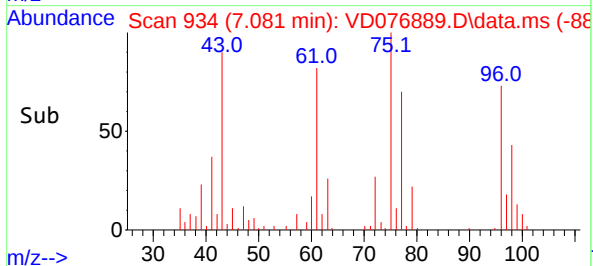
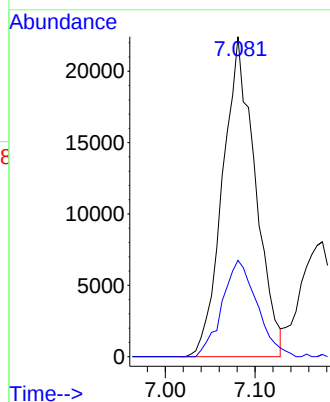
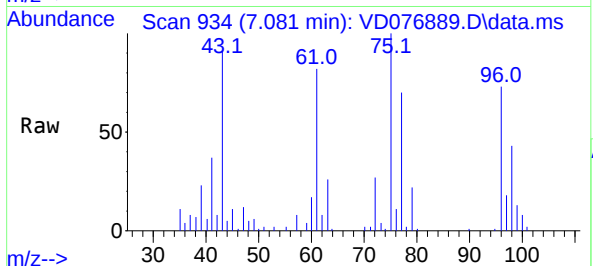




#25
2-Butanone
Concen: 120.937 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

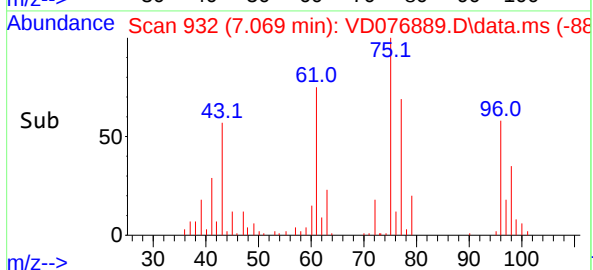
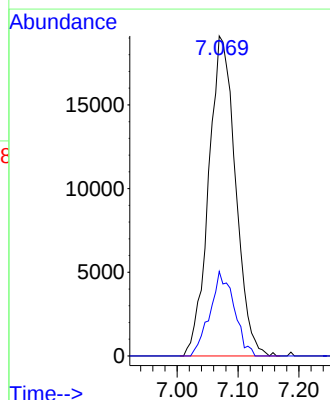
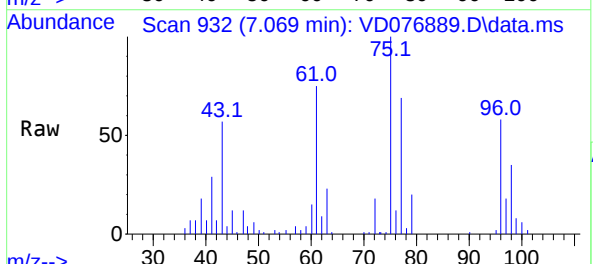
Instrument :
MSVOA_D
ClientSampleId :
VD0801SBS01

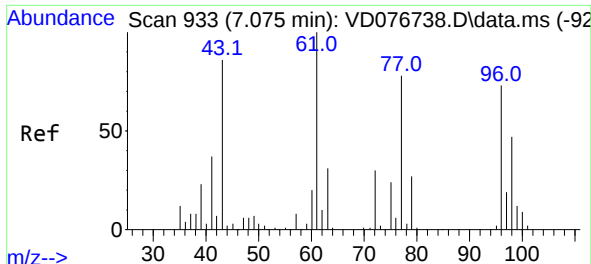
Tgt Ion: 43 Resp: 56628
Ion Ratio Lower Upper
43 100
72 30.1 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 22.268 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.006 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

Tgt Ion: 77 Resp: 58512
Ion Ratio Lower Upper
77 100
97 23.8 13.2 39.6

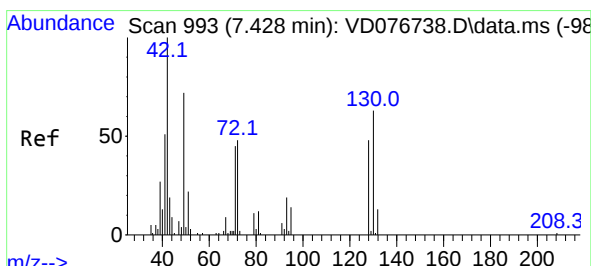
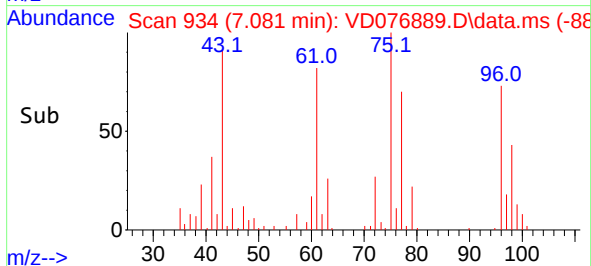
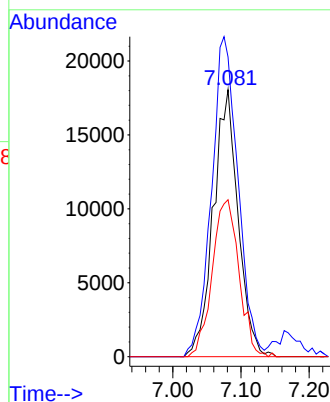
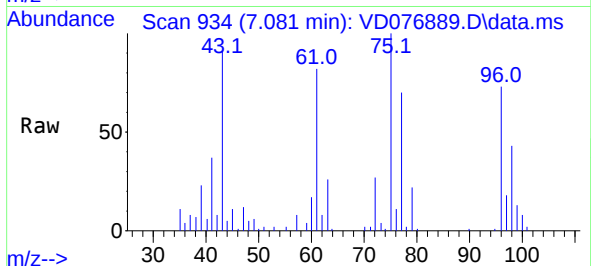




#27
 cis-1,2-Dichloroethene
 Concen: 21.927 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD076889.D
 Acq: 01 Aug 2023 12:03

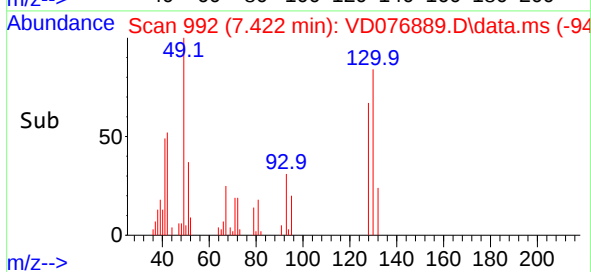
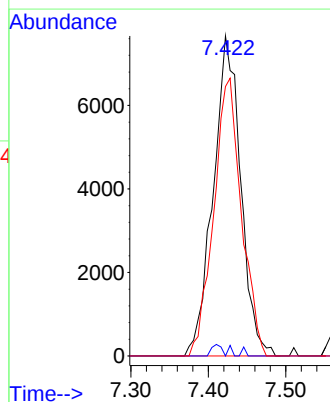
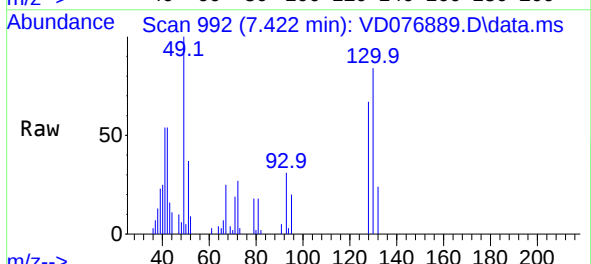
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0801SBS01

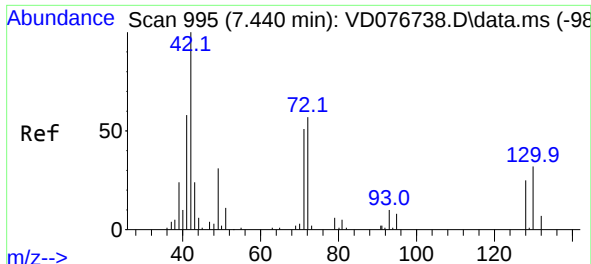
Tgt Ion: 96	Resp: 45665
Ion Ratio	Lower Upper
96 100	
61 128.1	0.0 239.2
98 63.5	0.0 128.6



#28
 Bromochloromethane
 Concen: 24.808 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD076889.D
 Acq: 01 Aug 2023 12:03

Tgt Ion: 49	Resp: 18906
Ion Ratio	Lower Upper
49 100	
129 1.3	0.0 6.0
130 87.3	83.2 124.8

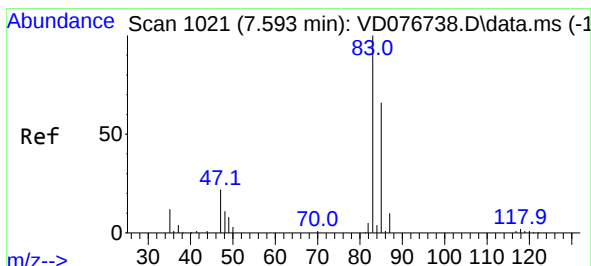
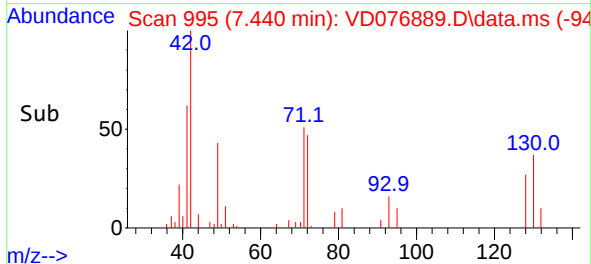
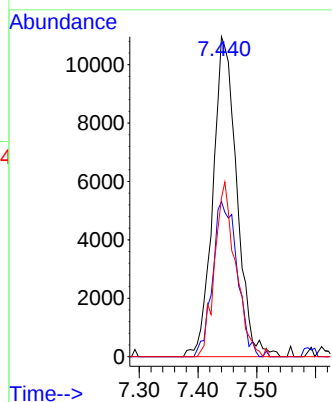
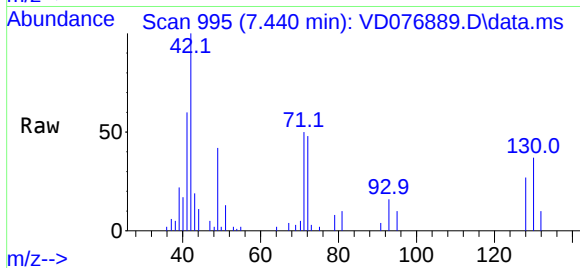




#29
Tetrahydrofuran
Concen: 111.785 ug/l
RT: 7.440 min Scan# 995
Delta R.T. -0.000 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

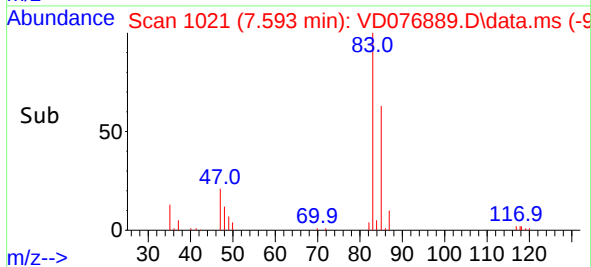
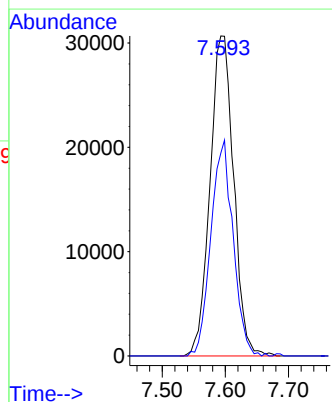
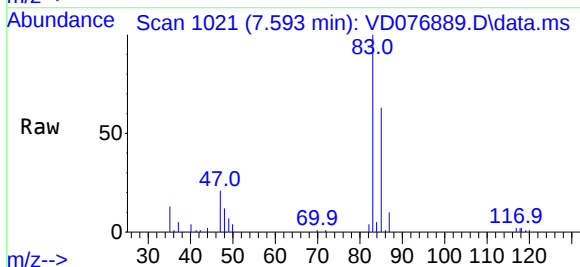
Instrument :
MSVOA_D
ClientSampleId :
VD0801SBS01

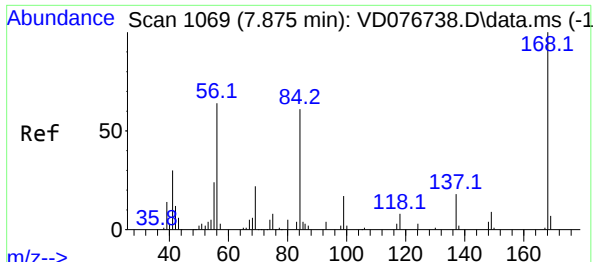
Tgt Ion: 42 Resp: 30926
Ion Ratio Lower Upper
42 100
72 49.7 46.5 69.7
71 47.9 44.5 66.7



#30
Chloroform
Concen: 23.899 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

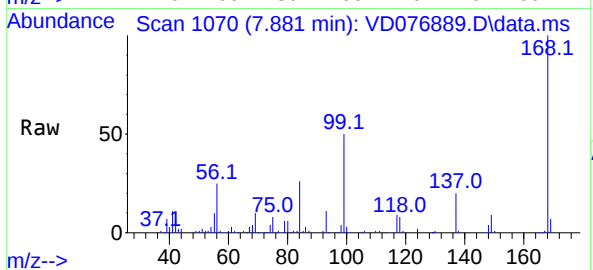
Tgt Ion: 83 Resp: 79793
Ion Ratio Lower Upper
83 100
85 63.4 53.4 80.2



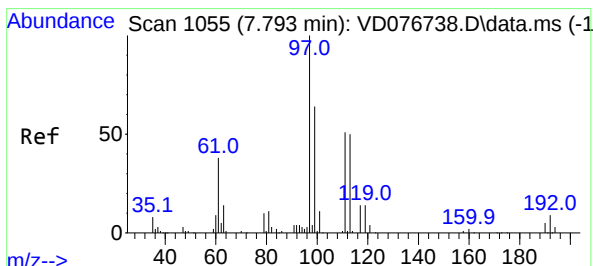
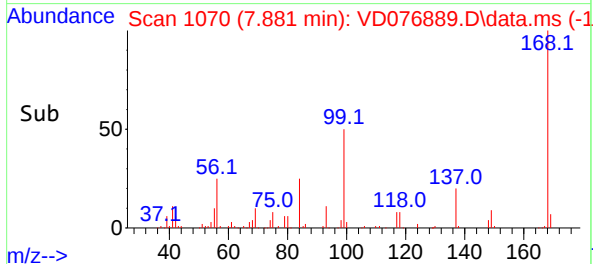
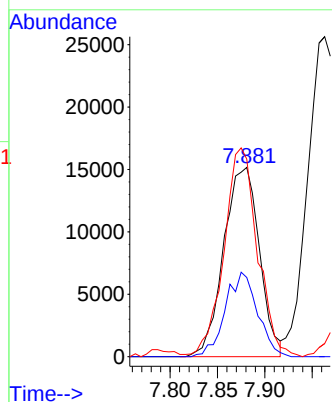


#31
Cyclohexane
Concen: 18.457 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

Instrument :
MSVOA_D
ClientSampleId :
VD0801SBS01

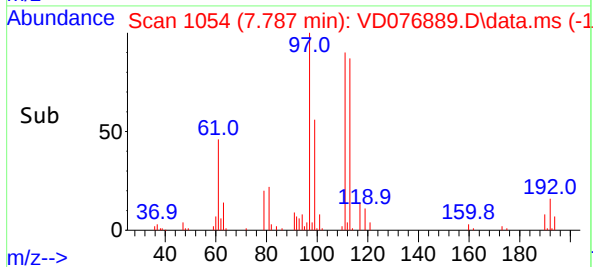
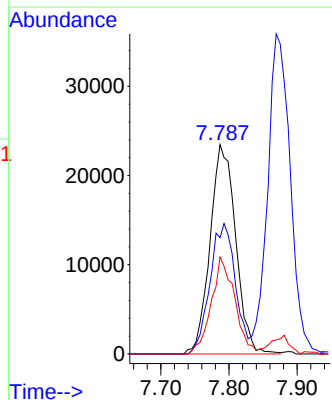
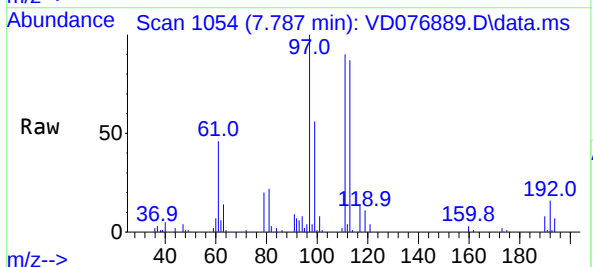


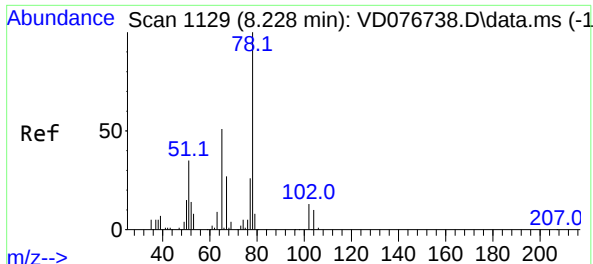
Tgt Ion: 56 Resp: 39793
Ion Ratio Lower Upper
56 100
69 41.9 28.6 43.0
84 103.2 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 22.765 ug/l
RT: 7.787 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

Tgt Ion: 97 Resp: 61322
Ion Ratio Lower Upper
97 100
99 61.5 52.0 78.0
61 42.3 33.8 50.8

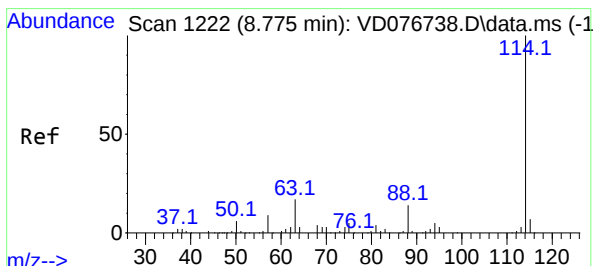
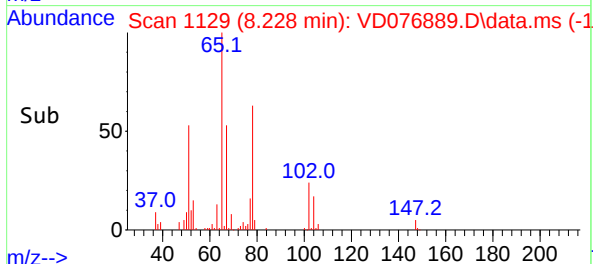
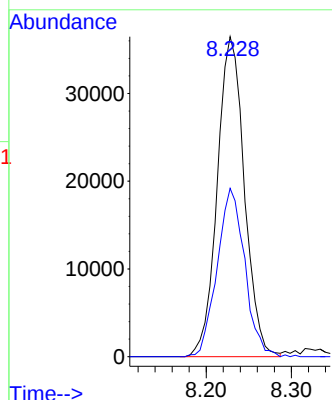
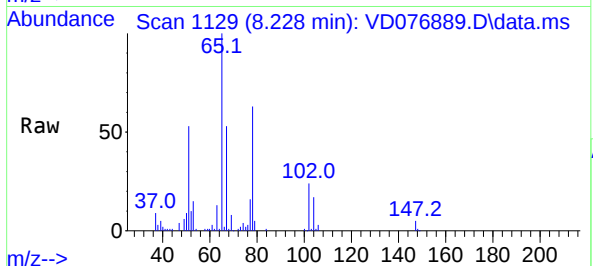




#33
1,2-Dichloroethane-d4
Concen: 55.109 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

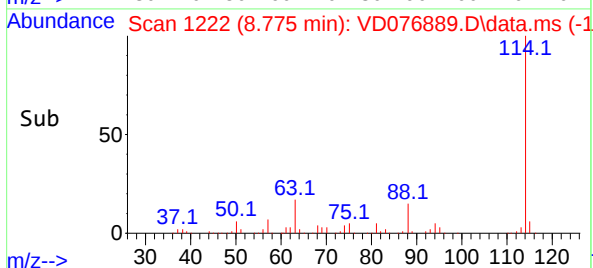
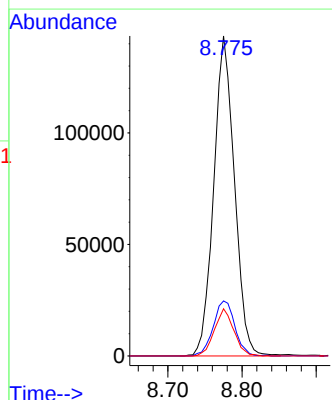
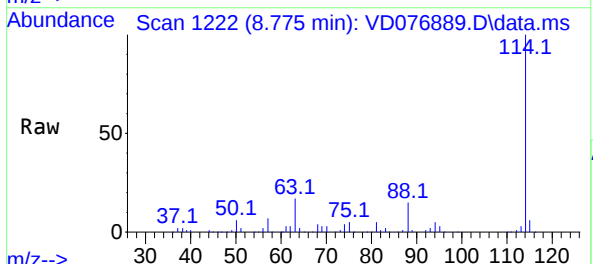
Instrument :
MSVOA_D
ClientSampleId :
VD0801SBS01

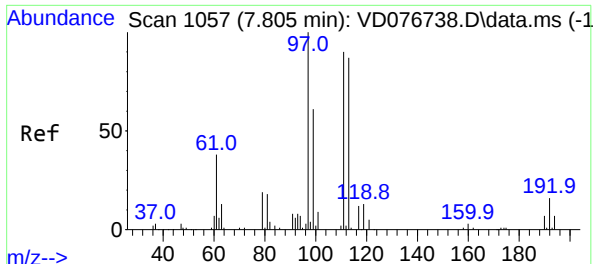
Tgt Ion: 65 Resp: 80733
Ion Ratio Lower Upper
65 100
67 53.6 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

Tgt Ion: 114 Resp: 278245
Ion Ratio Lower Upper
114 100
63 17.2 0.0 33.4
88 14.8 0.0 26.2

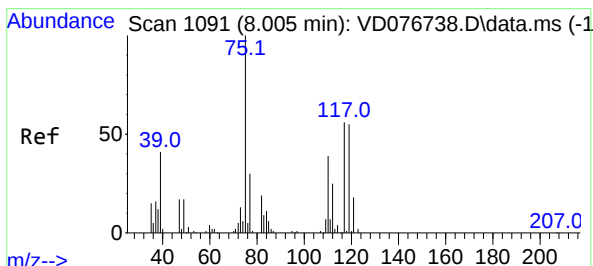
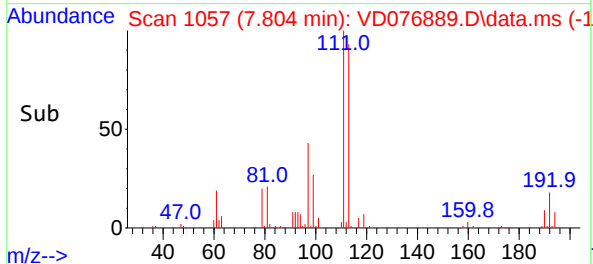
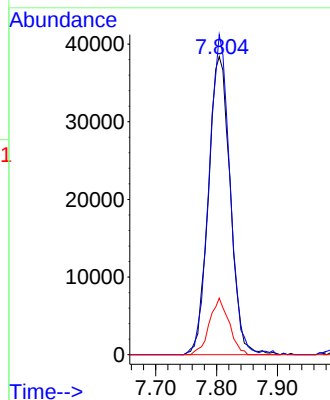
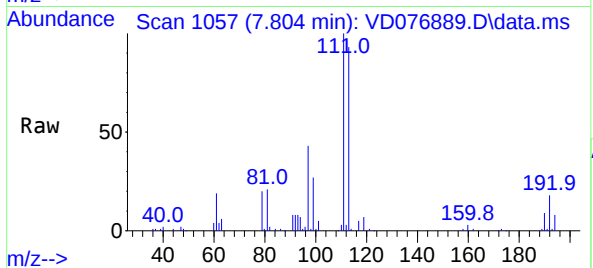




#35
Dibromofluoromethane
Concen: 54.698 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

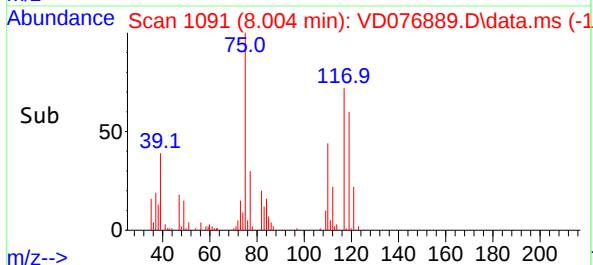
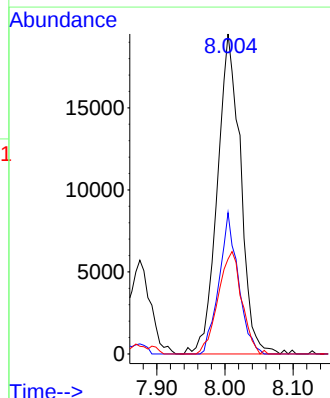
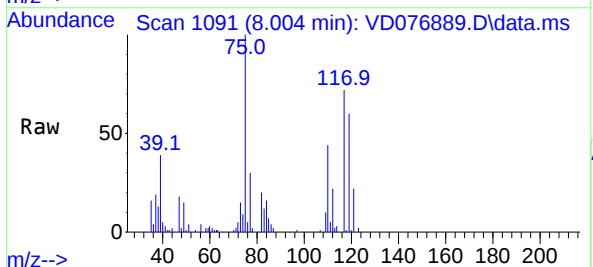
Instrument :
MSVOA_D
ClientSampleId :
VD0801SBS01

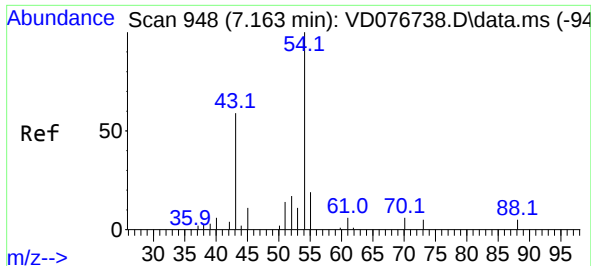
Tgt Ion:113 Resp: 95640
Ion Ratio Lower Upper
113 100
111 102.2 84.7 127.1
192 17.0 16.8 25.2



#36
1,1-Dichloropropene
Concen: 20.160 ug/l
RT: 8.004 min Scan# 1091
Delta R.T. -0.001 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

Tgt Ion: 75 Resp: 46063
Ion Ratio Lower Upper
75 100
110 36.9 19.9 59.6
77 32.7 24.7 37.1



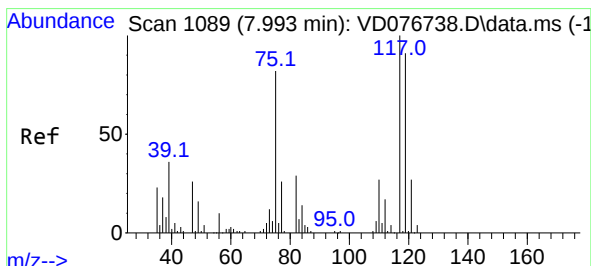
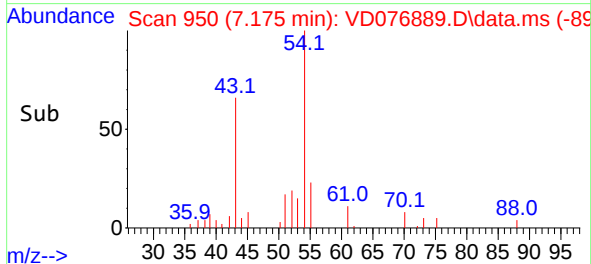
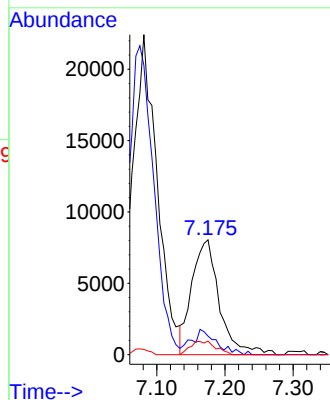
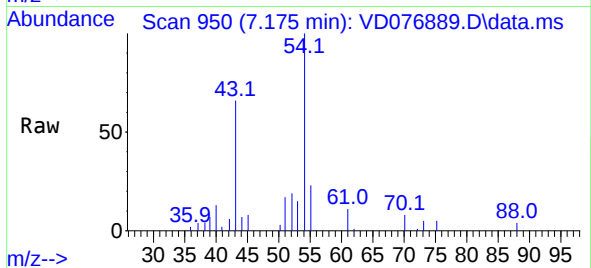


#37
Ethyl Acetate
Concen: 22.115 ug/l
RT: 7.175 min Scan# 91
Delta R.T. 0.012 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

Instrument :
MSVOA_D
ClientSampleId :
VD0801SBS01

Tgt Ion: 43 Resp: 22597

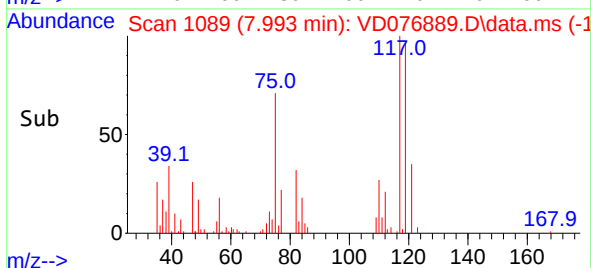
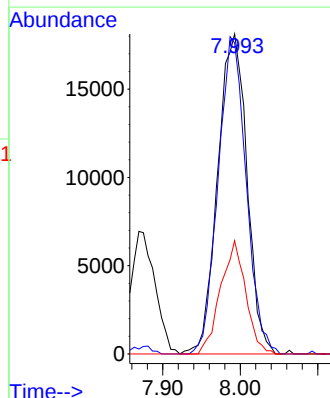
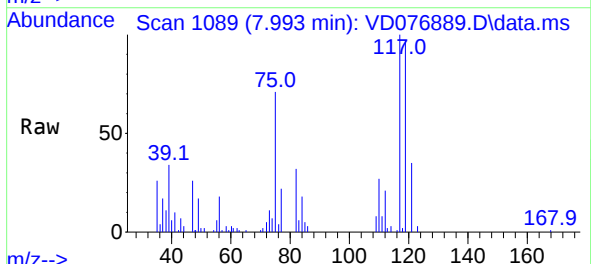
Ion	Ratio	Lower	Upper
43	100		
61	19.6	14.9	22.3
70	10.8	10.0	15.0

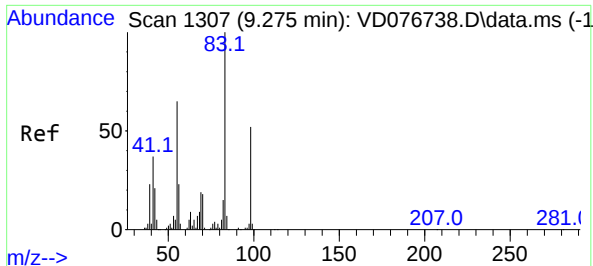


#38
Carbon Tetrachloride
Concen: 21.740 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

Tgt Ion: 117 Resp: 47561

Ion	Ratio	Lower	Upper
117	100		
119	97.3	78.0	117.0
121	35.4	24.2	36.2





#39

Methylcyclohexane

Concen: 17.443 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD076889.D

Acq: 01 Aug 2023 12:03

Instrument :

MSVOA_D

ClientSampleId :

VD0801SBS01

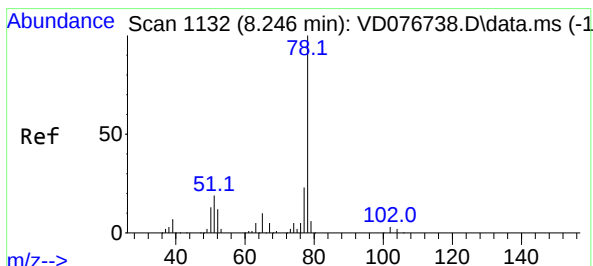
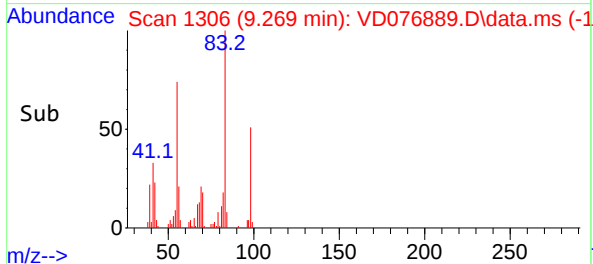
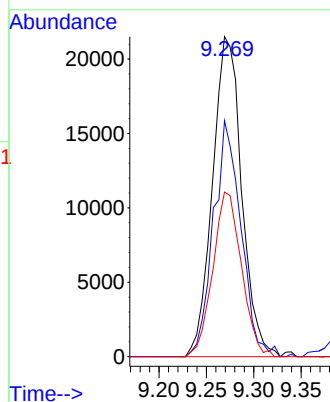
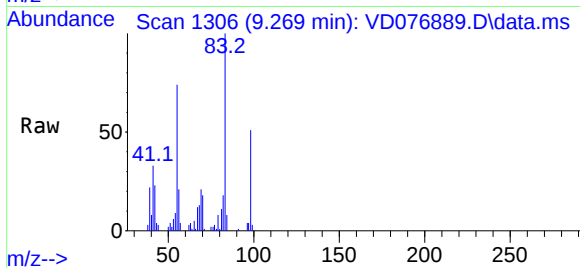
Tgt Ion: 83 Resp: 46017

Ion Ratio Lower Upper

83 100

55 73.7 49.4 74.0

98 51.4 38.4 57.6



#40

Benzene

Concen: 20.903 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VD076889.D

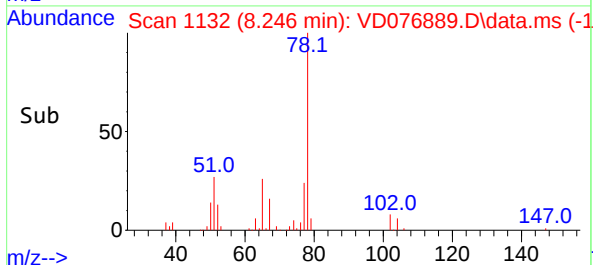
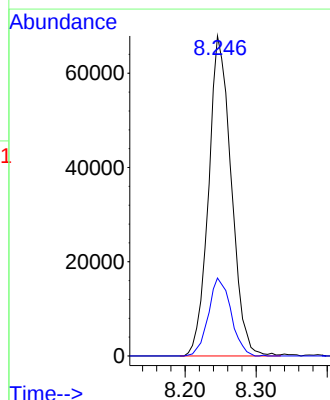
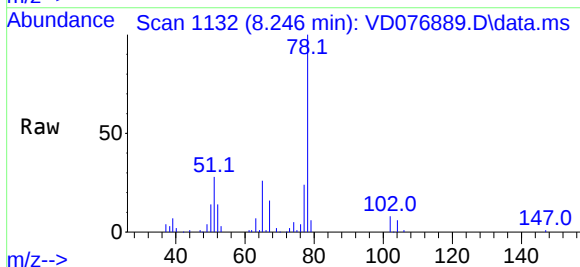
Acq: 01 Aug 2023 12:03

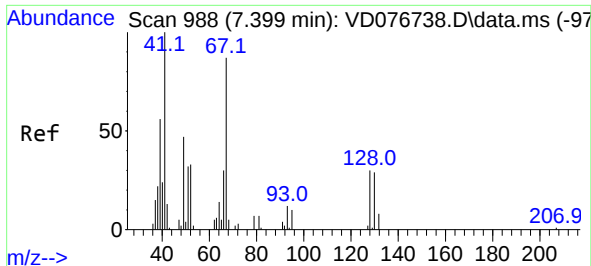
Tgt Ion: 78 Resp: 150694

Ion Ratio Lower Upper

78 100

77 24.3 19.4 29.0

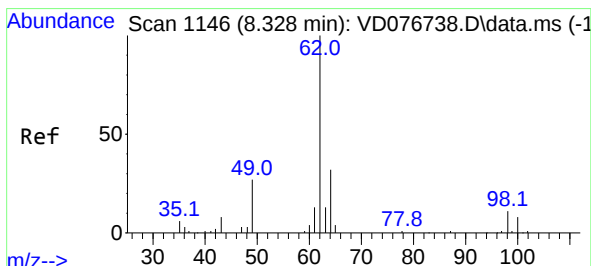
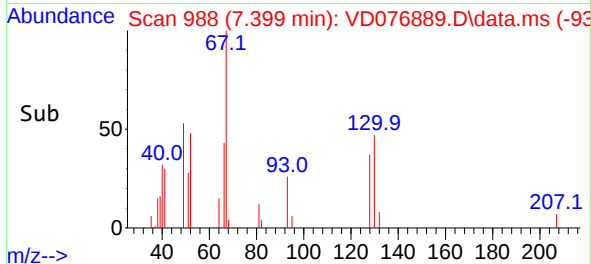
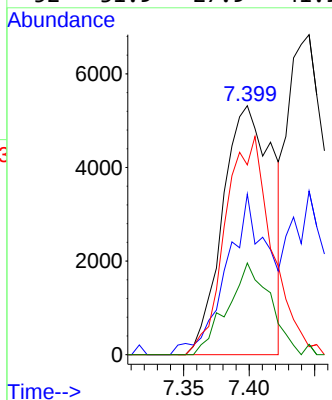
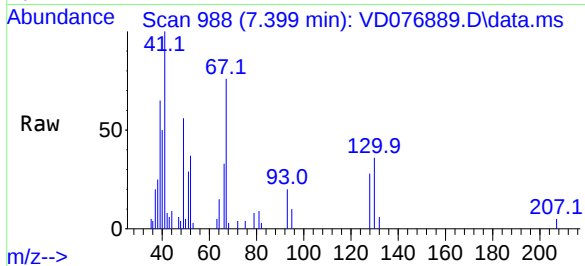




#41
Methacrylonitrile
Concen: 22.583 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

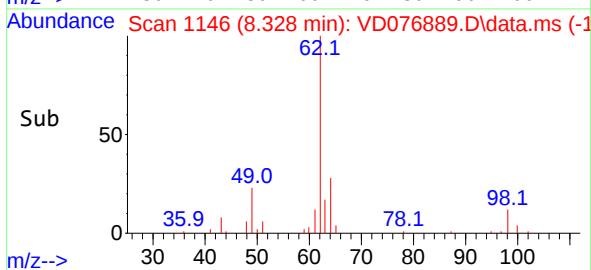
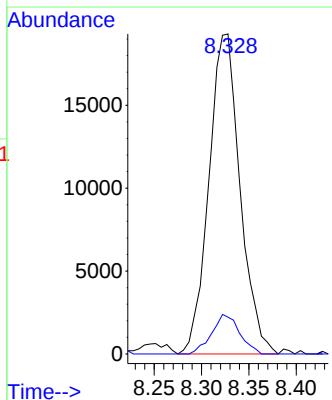
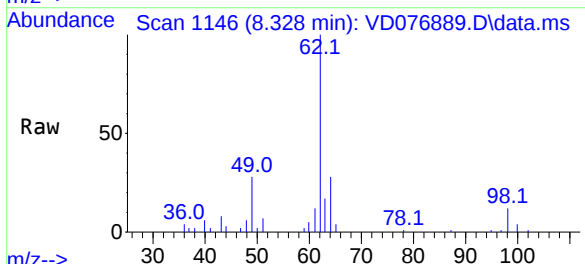
Instrument :
MSVOA_D
ClientSampleId :
VD0801SBS01

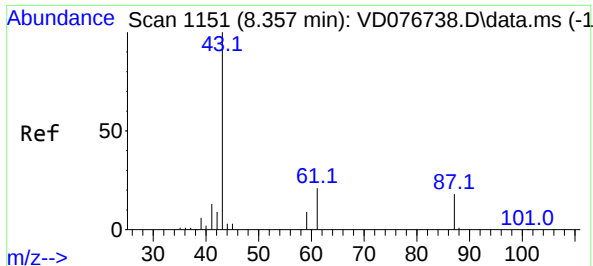
Tgt Ion: 41 Resp: 14091
Ion Ratio Lower Upper
41 100
39 53.9 34.0 51.0#
67 81.8 77.0 115.4
52 31.9 27.9 41.9



#42
1,2-Dichloroethane
Concen: 23.627 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

Tgt Ion: 62 Resp: 44257
Ion Ratio Lower Upper
62 100
98 11.0 0.0 25.4

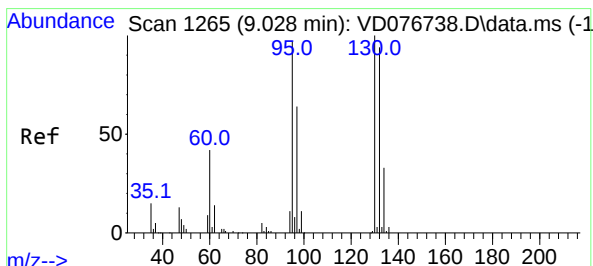
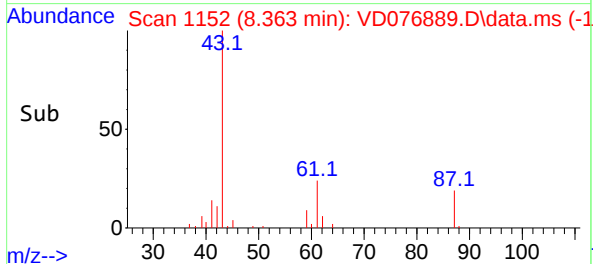
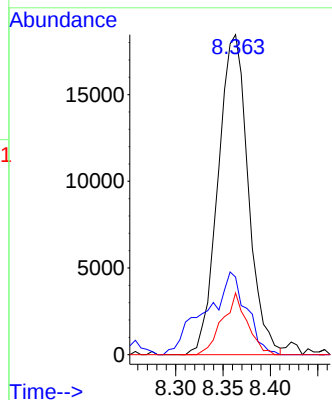
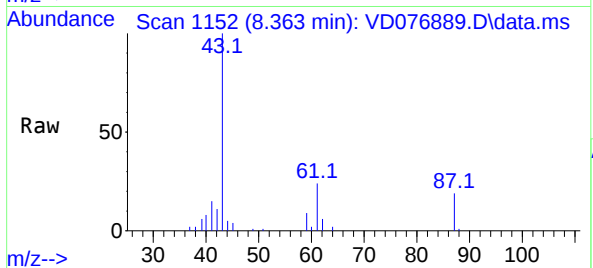




#43
Isopropyl Acetate
Concen: 20.463 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.006 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

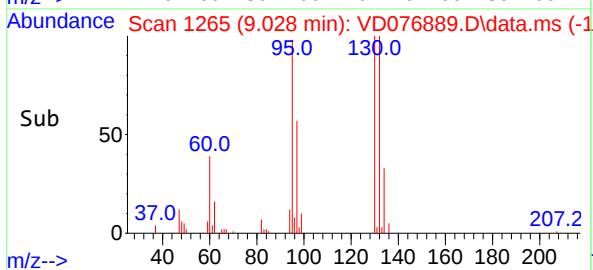
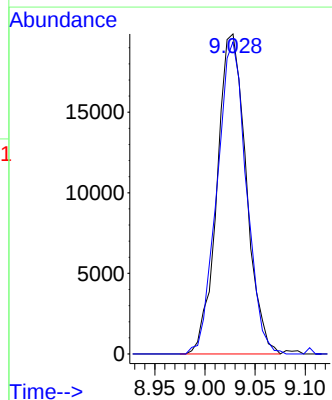
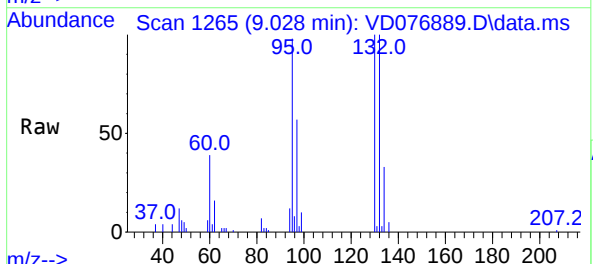
Instrument :
MSVOA_D
ClientSampleId :
VD0801SBS01

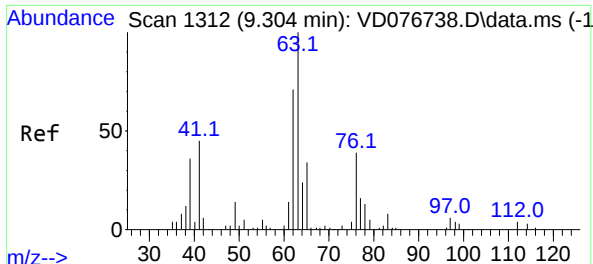
Tgt Ion: 43 Resp: 40806
Ion Ratio Lower Upper
43 100
61 35.2 31.4 47.0
87 15.9 14.9 22.3



#44
Trichloroethene
Concen: 20.394 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

Tgt Ion:130 Resp: 40064
Ion Ratio Lower Upper
130 100
95 97.5 0.0 179.2

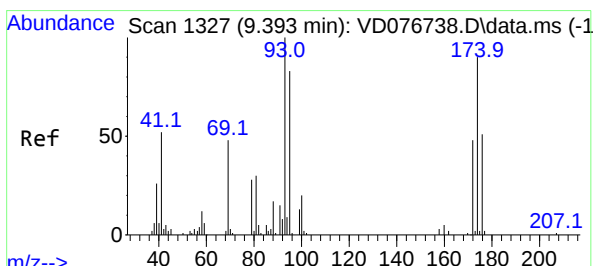
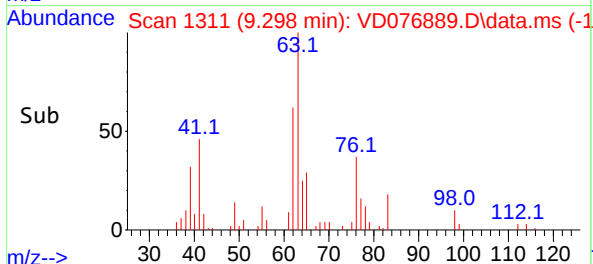
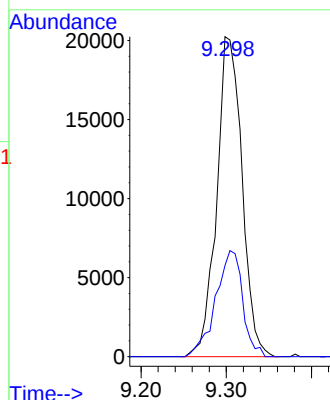
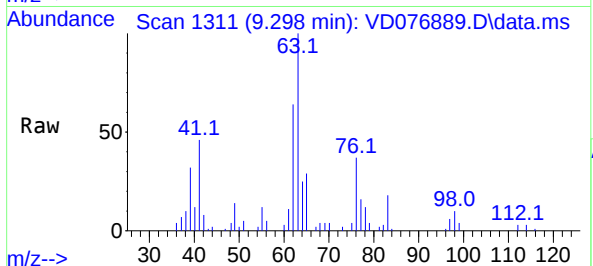




#45
1,2-Dichloropropane
Concen: 22.462 ug/l
RT: 9.298 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

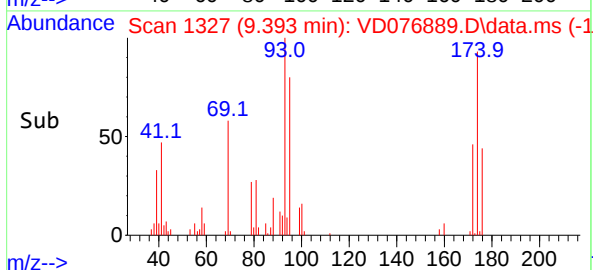
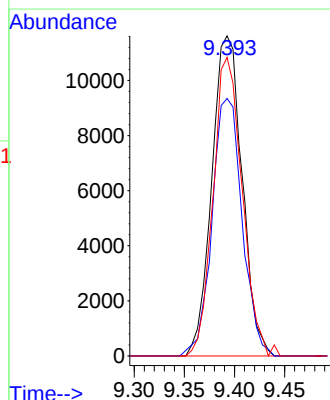
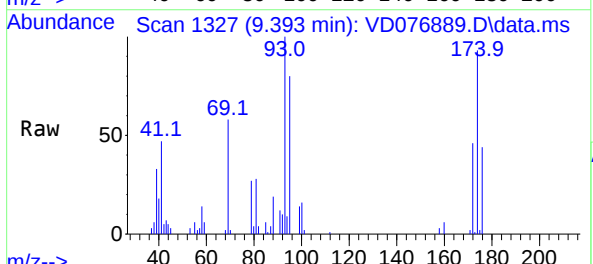
Instrument :
MSVOA_D
ClientSampleId :
VD0801SBS01

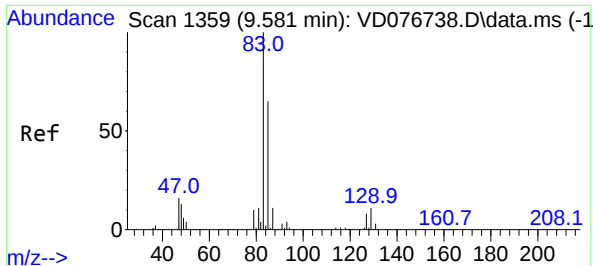
Tgt Ion: 63 Resp: 41800
Ion Ratio Lower Upper
63 100
65 28.5 24.5 36.7



#46
Dibromomethane
Concen: 22.401 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. -0.000 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

Tgt Ion: 93 Resp: 24401
Ion Ratio Lower Upper
93 100
95 79.8 67.7 101.5
174 89.6 85.4 128.2

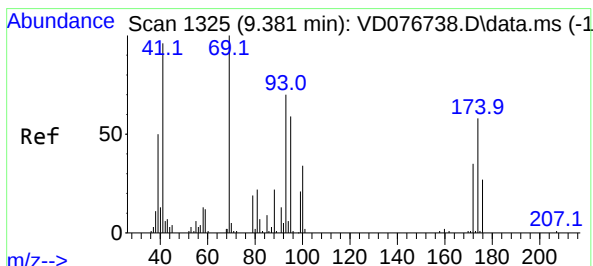
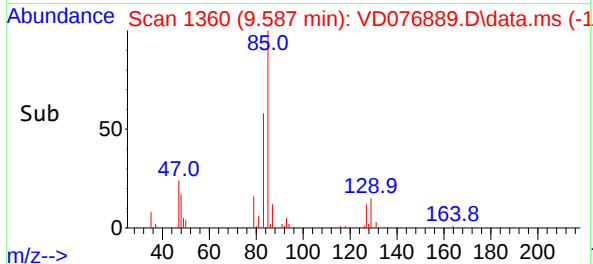
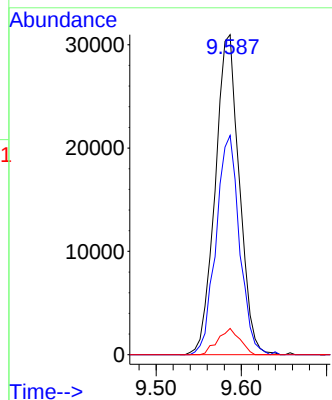
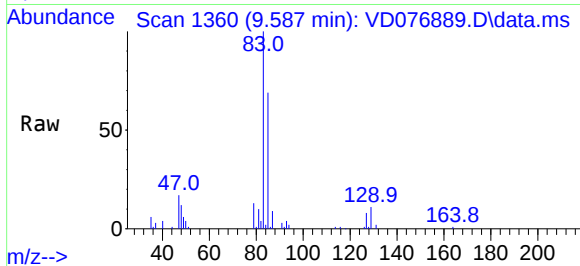




#47
Bromodichloromethane
Concen: 22.296 ug/l
RT: 9.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

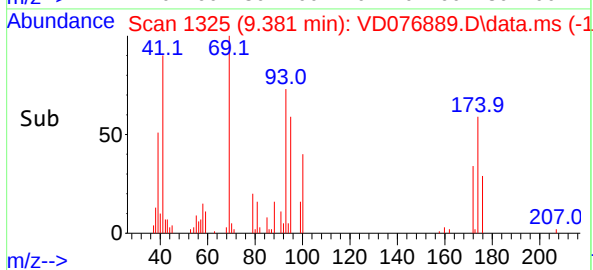
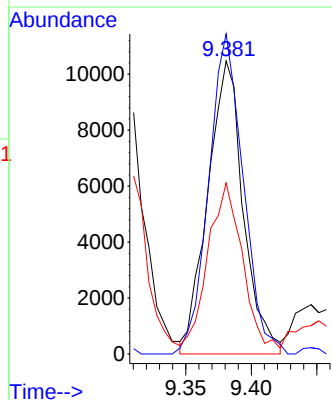
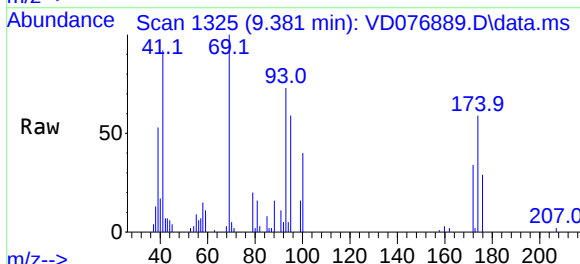
Instrument :
MSVOA_D
ClientSampleId :
VD0801SBS01

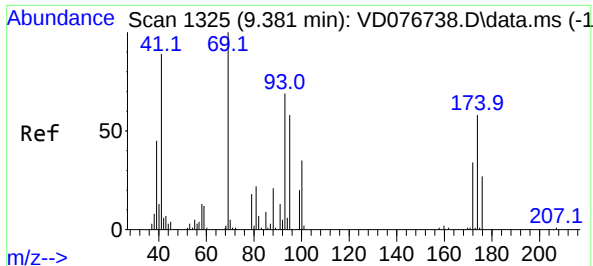
Tgt Ion:	83	Resp:	60947
Ion	Ratio	Lower	Upper
83	100		
85	68.5	50.2	75.4
127	8.2	6.3	9.5



#48
Methyl methacrylate
Concen: 21.734 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

Tgt Ion:	41	Resp:	19726
Ion	Ratio	Lower	Upper
41	100		
69	105.9	102.2	153.2
39	58.0	41.4	62.2

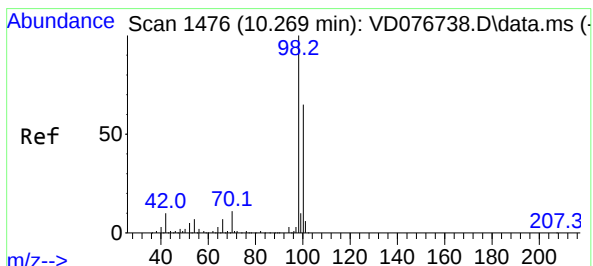
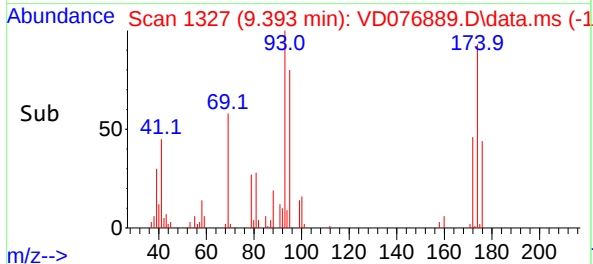
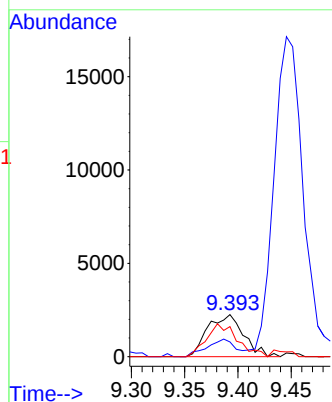
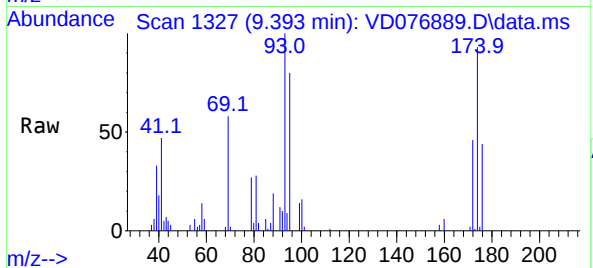




#49
1,4-Dioxane
Concen: 376.968 ug/l
RT: 9.393 min Scan# 11
Delta R.T. 0.012 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

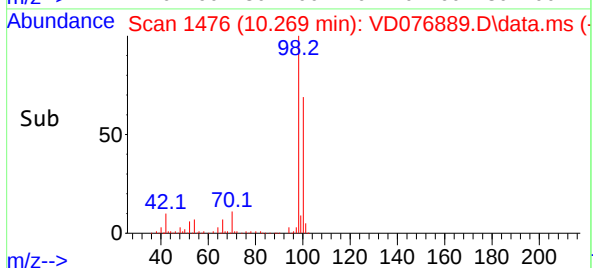
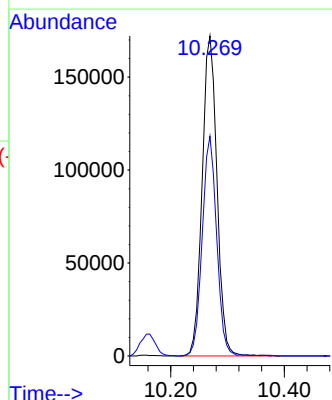
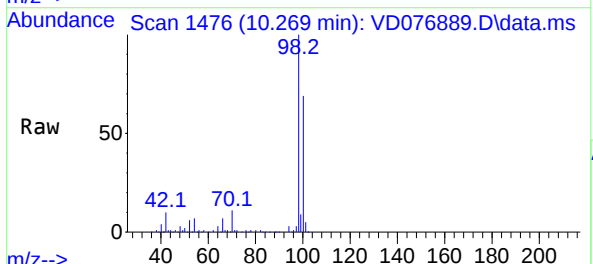
Instrument :
MSVOA_D
ClientSampleId :
VD0801SBS01

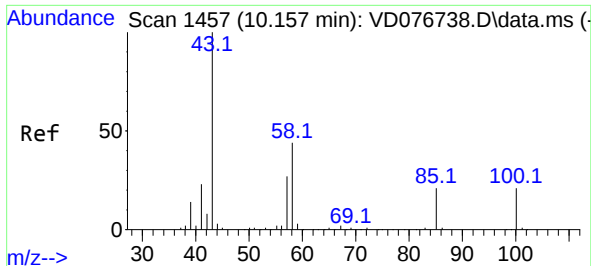
Tgt Ion: 88 Resp: 5261
Ion Ratio Lower Upper
88 100
43 32.7 19.0 28.6#
58 67.9 43.5 65.3#



#50
Toluene-d8
Concen: 49.803 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

Tgt Ion: 98 Resp: 311522
Ion Ratio Lower Upper
98 100
100 67.0 50.3 75.5

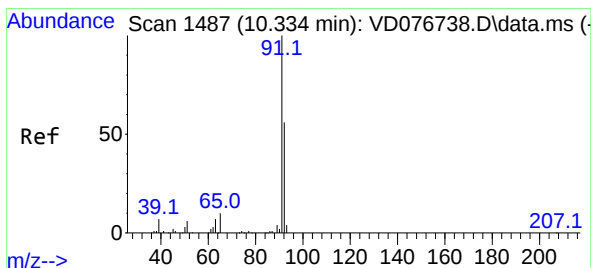
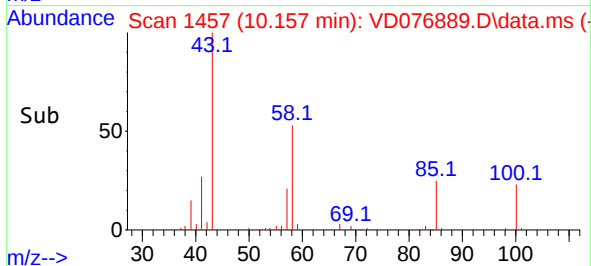
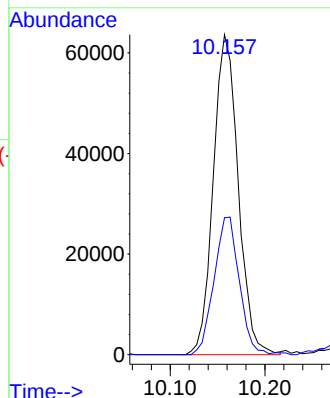
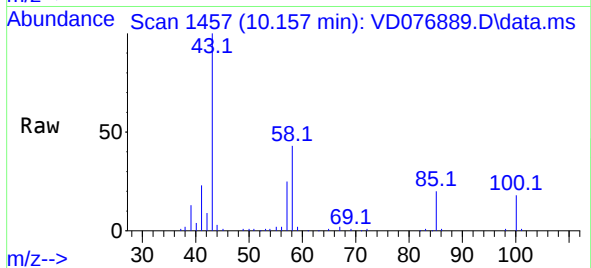




#51
4-Methyl-2-Pentanone
Concen: 109.514 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

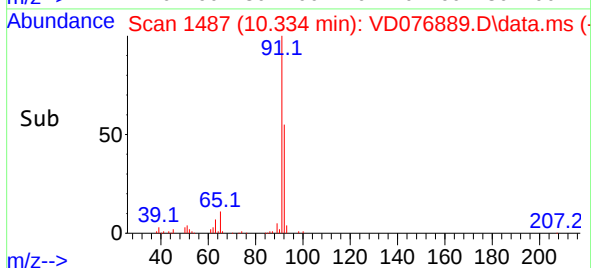
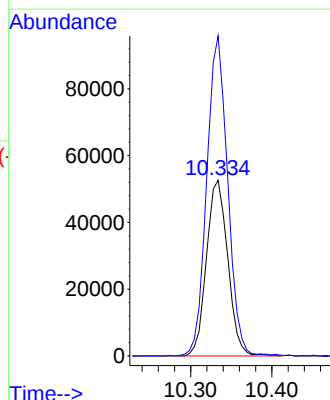
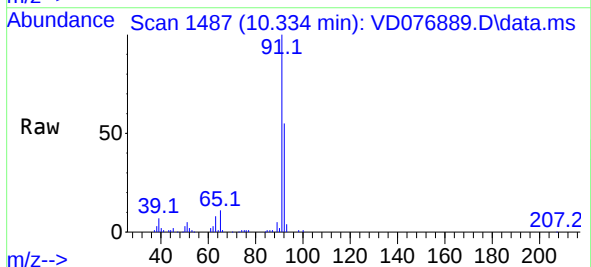
Instrument :
MSVOA_D
ClientSampleId :
VD0801SBS01

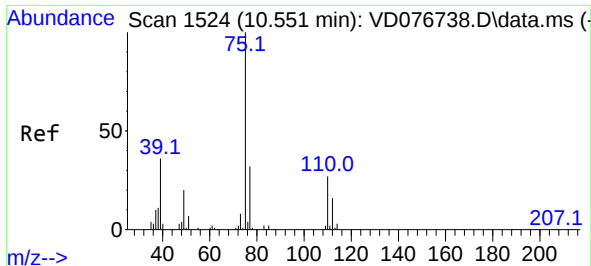
Tgt Ion: 43 Resp: 116276
Ion Ratio Lower Upper
43 100
58 43.6 38.9 58.3



#52
Toluene
Concen: 20.269 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

Tgt Ion: 92 Resp: 95971
Ion Ratio Lower Upper
92 100
91 179.4 143.0 214.4

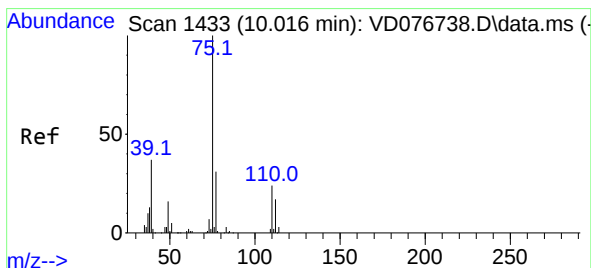
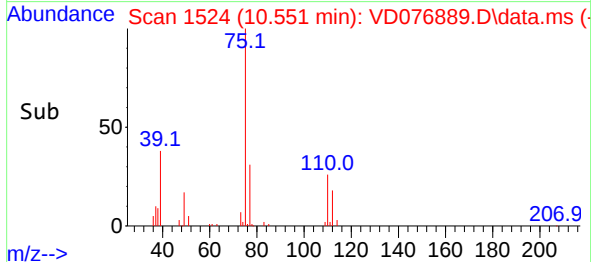
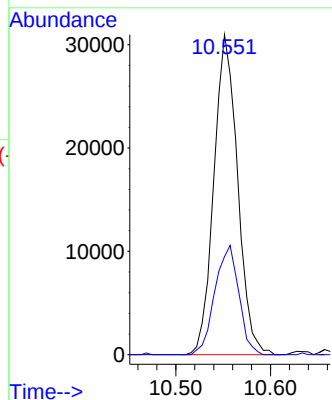
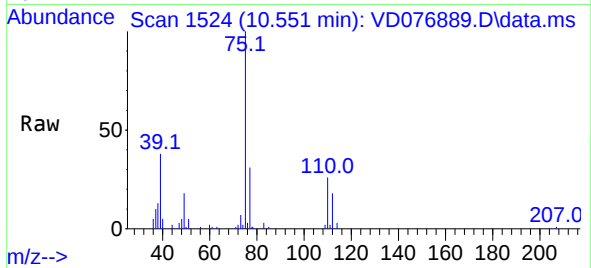




#53
t-1,3-Dichloropropene
Concen: 21.246 ug/l
RT: 10.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

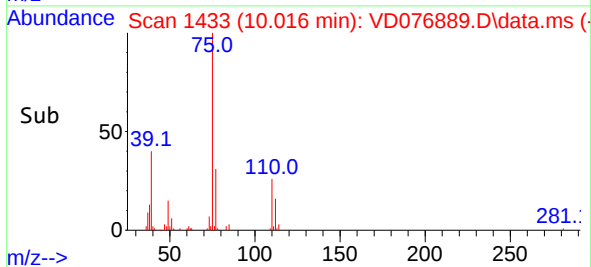
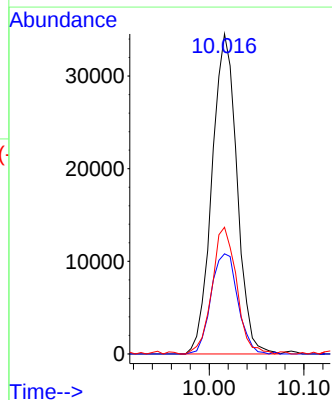
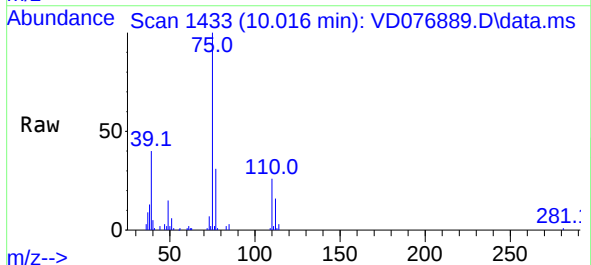
Instrument :
MSVOA_D
ClientSampleId :
VD0801SBS01

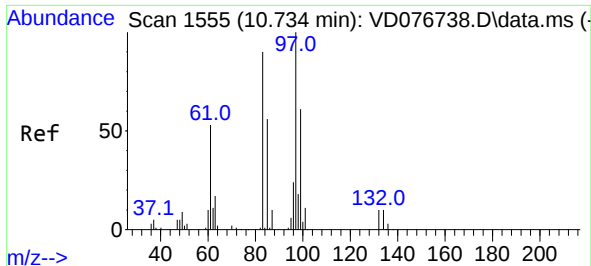
Tgt Ion: 75 Resp: 53906
Ion Ratio Lower Upper
75 100
77 30.7 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 21.173 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

Tgt Ion: 75 Resp: 63311
Ion Ratio Lower Upper
75 100
77 31.3 25.5 38.3
39 39.6 22.1 33.1#

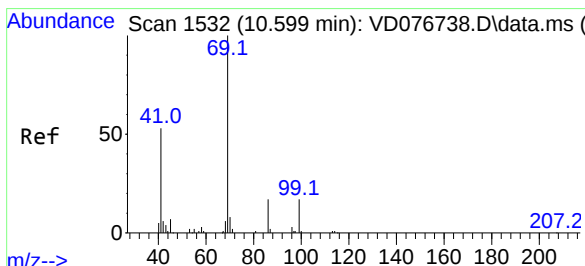
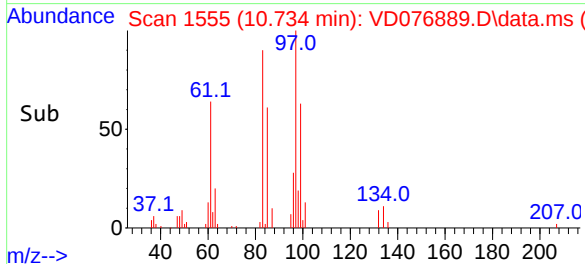
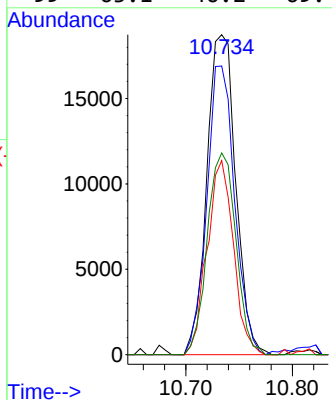
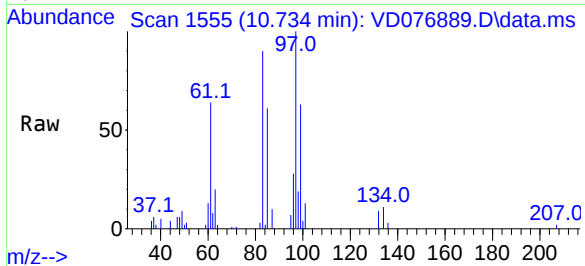




#55
1,1,2-Trichloroethane
Concen: 22.181 ug/l
RT: 10.734 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

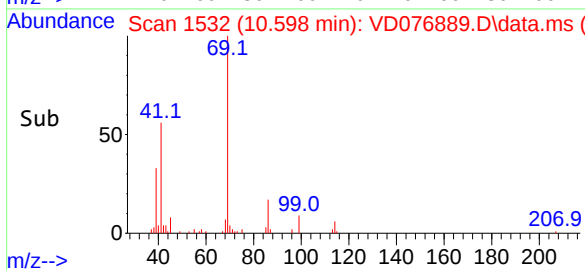
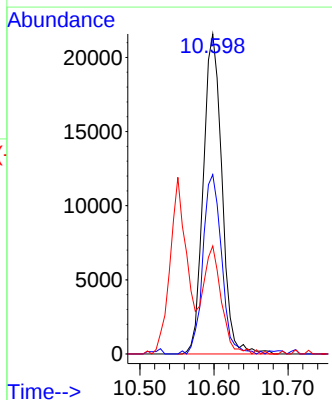
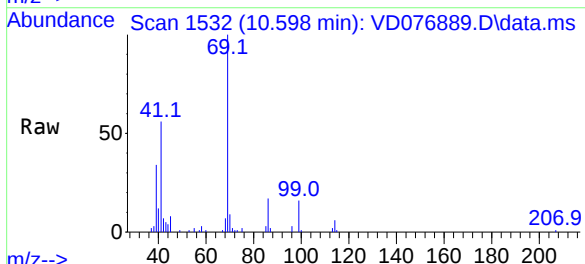
Instrument :
MSVOA_D
ClientSampleId :
VD0801SBS01

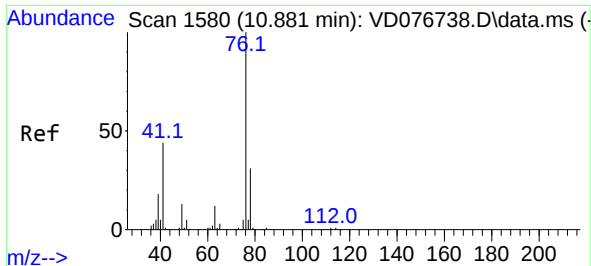
Tgt Ion:	97	Resp:	35282
Ion	Ratio	Lower	Upper
97	100		
83	90.2	65.8	98.6
85	60.6	45.7	68.5
99	63.1	46.2	69.4



#56
Ethyl methacrylate
Concen: 20.545 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.001 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

Tgt Ion:	69	Resp:	37719
Ion	Ratio	Lower	Upper
69	100		
41	56.1	39.1	58.7
39	33.5	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 21.952 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD076889.D

Acq: 01 Aug 2023 12:03

Instrument :

MSVOA_D

ClientSampleId :

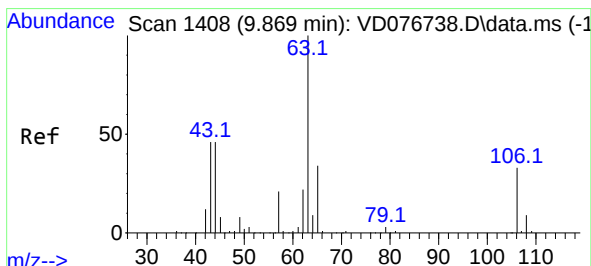
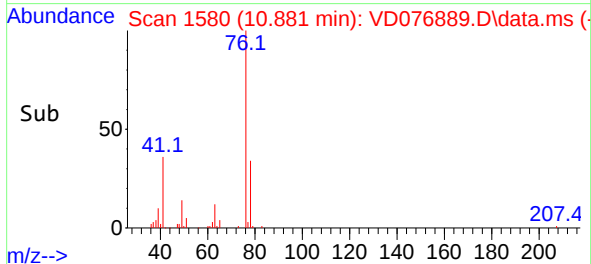
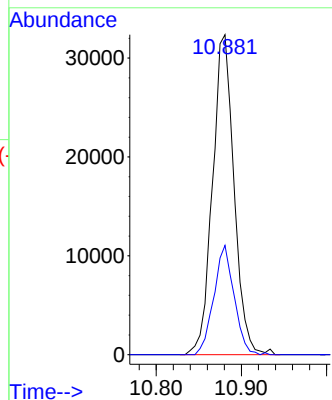
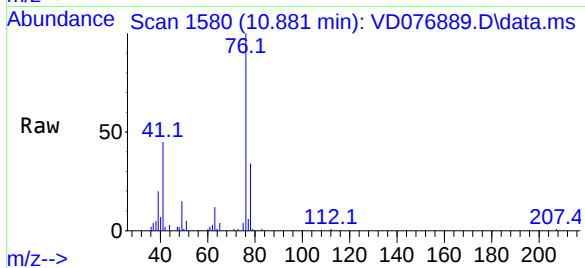
VD0801SBS01

Tgt Ion: 76 Resp: 56864

Ion Ratio Lower Upper

76 100

78 32.2 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 105.871 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD076889.D

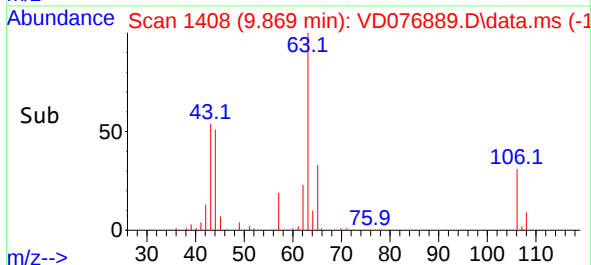
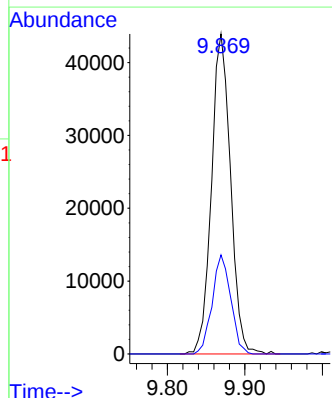
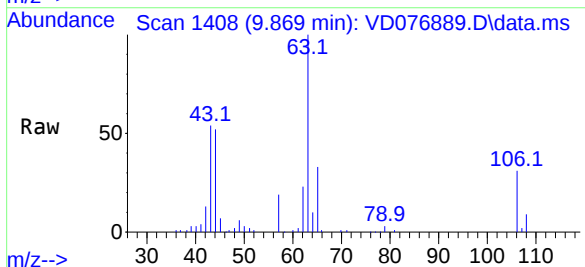
Acq: 01 Aug 2023 12:03

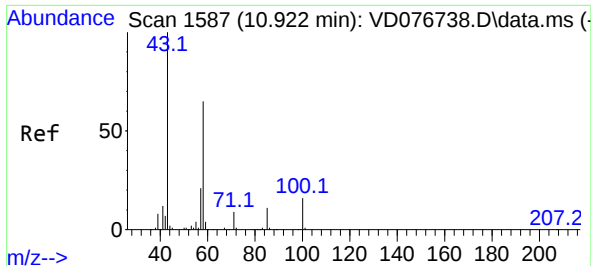
Tgt Ion: 63 Resp: 75236

Ion Ratio Lower Upper

63 100

106 30.0 25.3 37.9

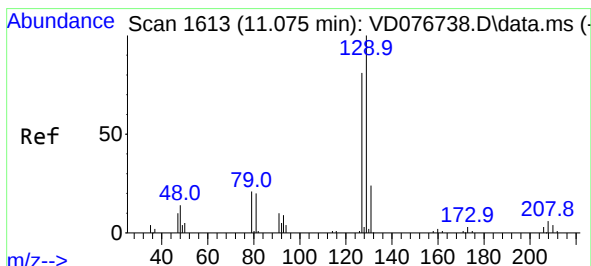
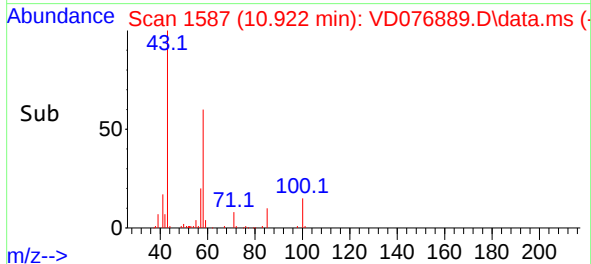
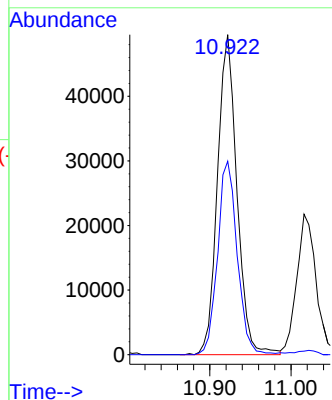
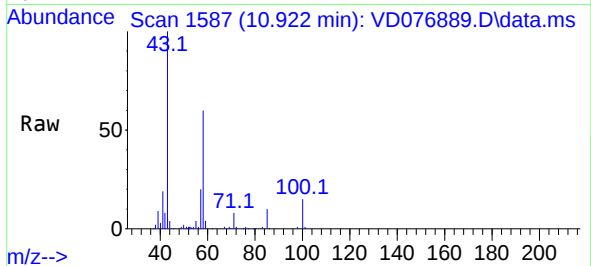




#59
2-Hexanone
Concen: 109.062 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

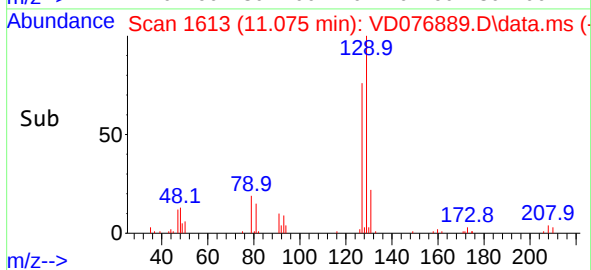
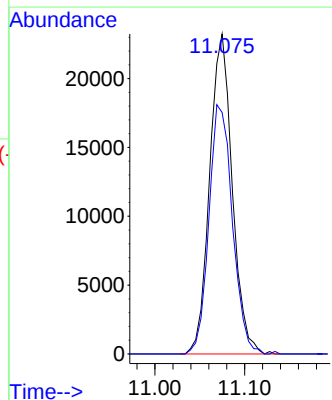
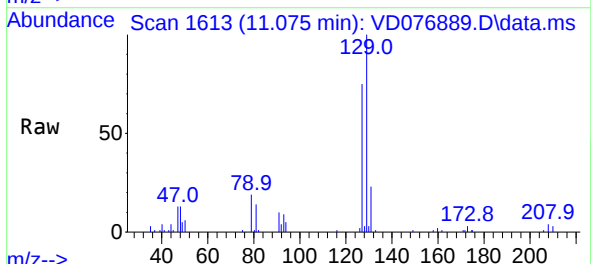
Instrument :
MSVOA_D
ClientSampleId :
VD0801SBS01

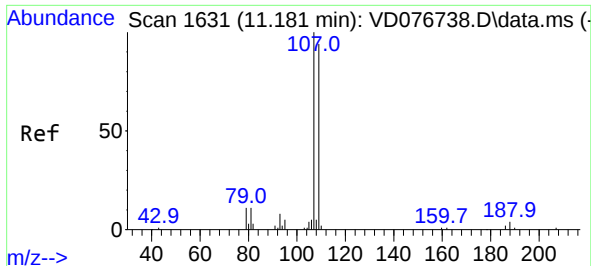
Tgt Ion: 43 Resp: 82625
Ion Ratio Lower Upper
43 100
58 60.8 34.1 102.2



#60
Dibromochloromethane
Concen: 21.977 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

Tgt Ion: 129 Resp: 40610
Ion Ratio Lower Upper
129 100
127 81.0 37.1 111.5

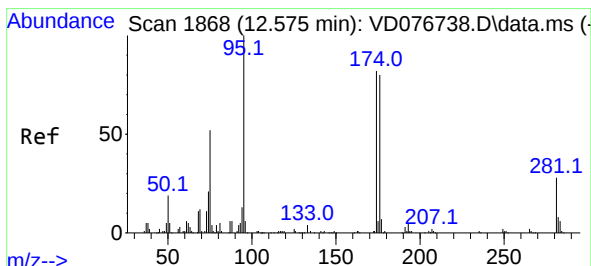
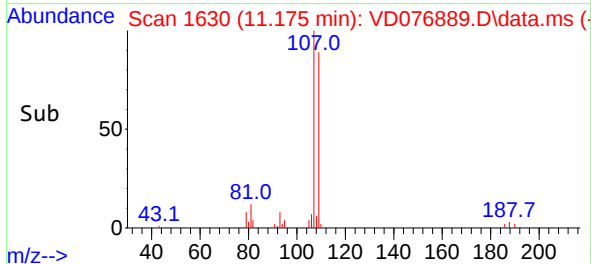
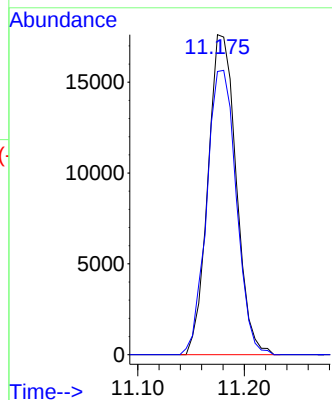
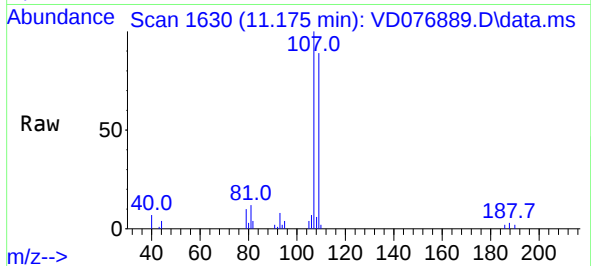




#61
1,2-Dibromoethane
Concen: 21.986 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

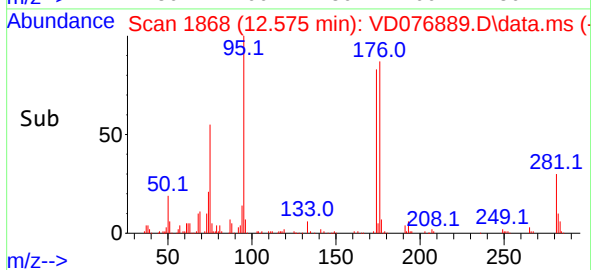
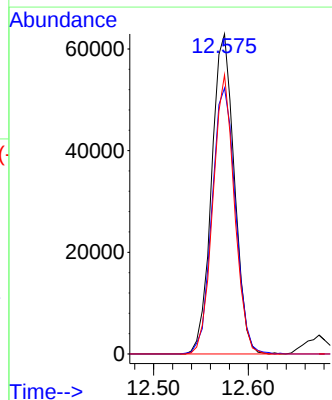
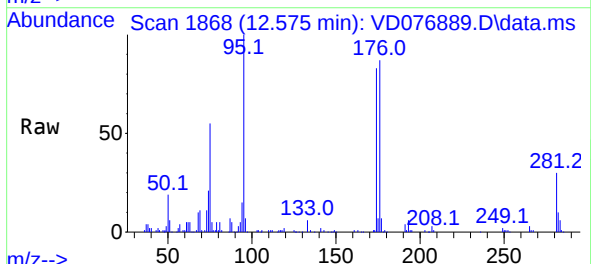
Instrument :
MSVOA_D
ClientSampleId :
VD0801SBS01

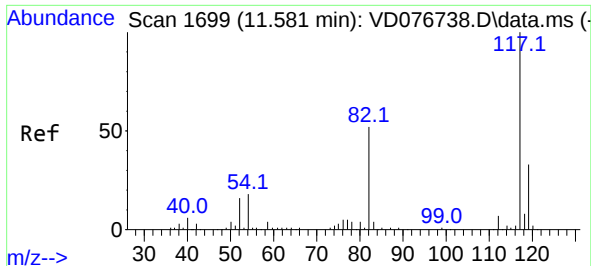
Tgt Ion:107 Resp: 32423
Ion Ratio Lower Upper
107 100
109 93.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.833 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

Tgt Ion: 95 Resp: 104885
Ion Ratio Lower Upper
95 100
174 85.8 0.0 201.8
176 82.6 0.0 191.8

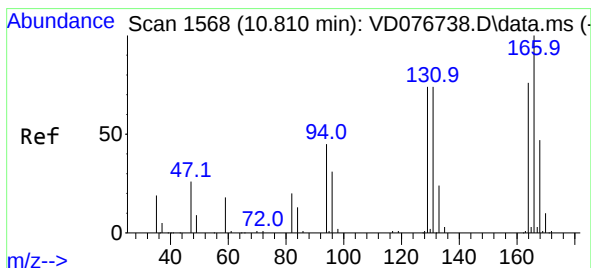
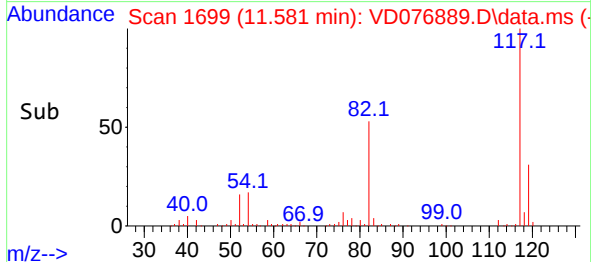
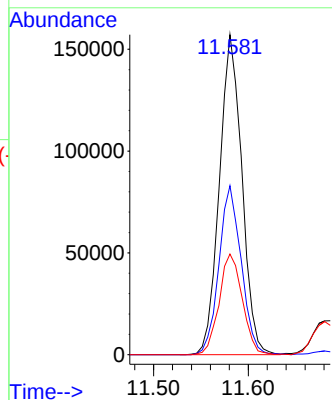
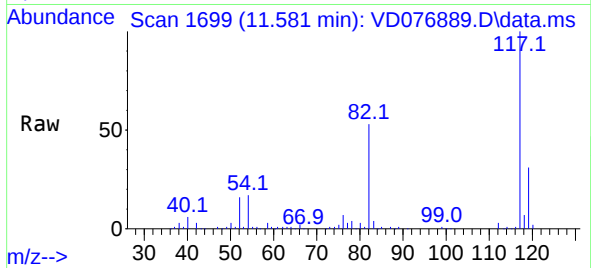




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

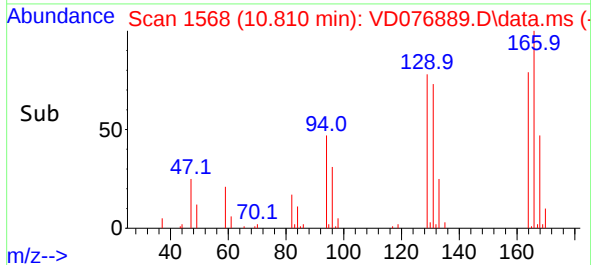
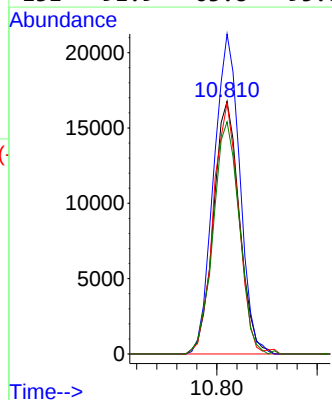
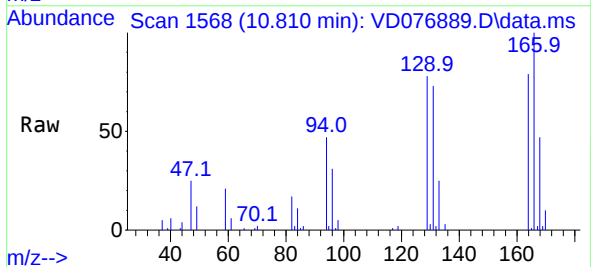
Instrument :
MSVOA_D
ClientSampleId :
VD0801SBS01

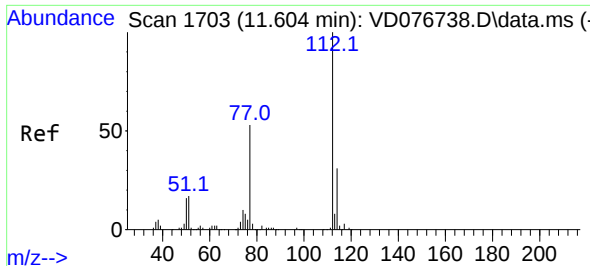
Tgt Ion:117 Resp: 259618
Ion Ratio Lower Upper
117 100
82 52.8 38.3 57.5
119 31.5 25.0 37.4



#64
Tetrachloroethene
Concen: 20.335 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

Tgt Ion:164 Resp: 30104
Ion Ratio Lower Upper
164 100
166 126.7 99.2 148.8
129 99.3 68.4 102.6
131 91.9 63.8 95.8

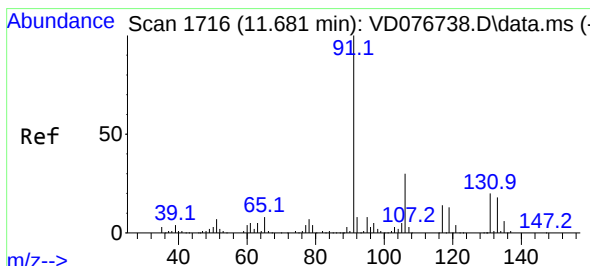
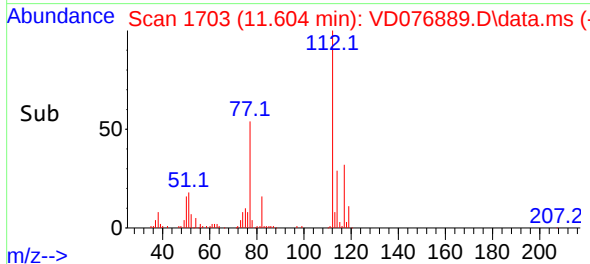
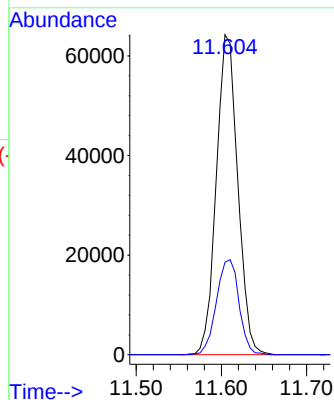
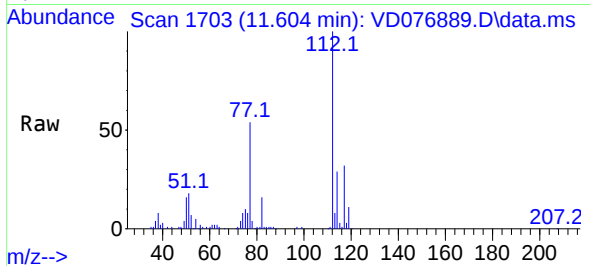




#65
Chlorobenzene
Concen: 21.532 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

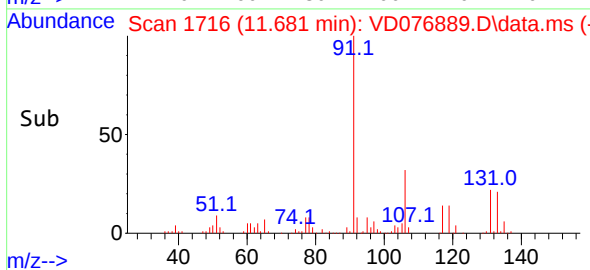
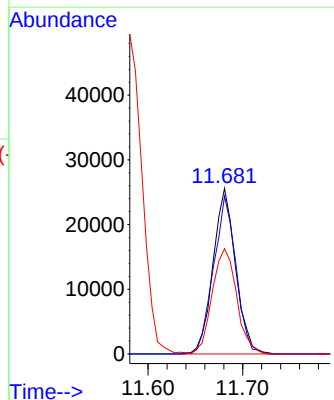
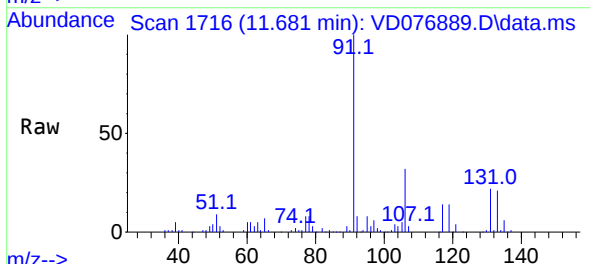
Instrument :
MSVOA_D
ClientSampleId :
VD0801SBS01

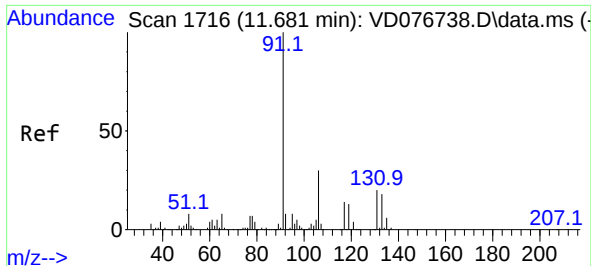
Tgt Ion:112 Resp: 112427
Ion Ratio Lower Upper
112 100
114 28.9 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 21.703 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

Tgt Ion:131 Resp: 42191
Ion Ratio Lower Upper
131 100
133 95.5 48.5 145.5
119 69.1 35.6 106.9

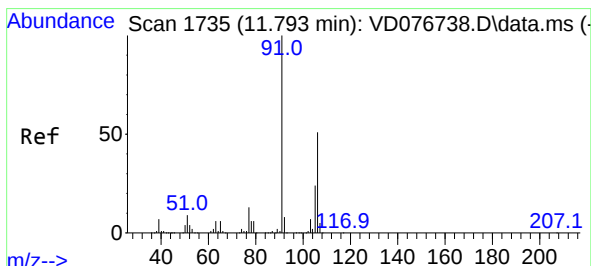
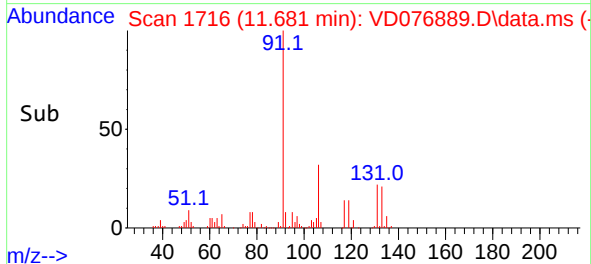
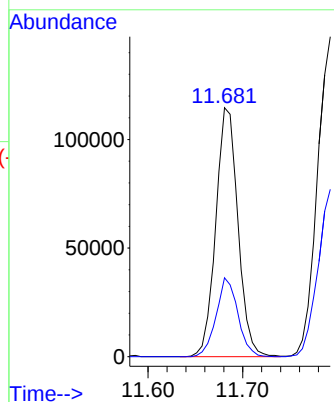
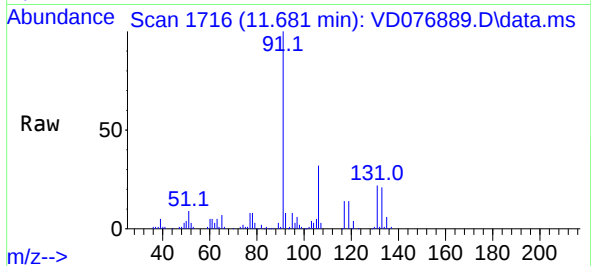




#67
Ethyl Benzene
Concen: 20.337 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

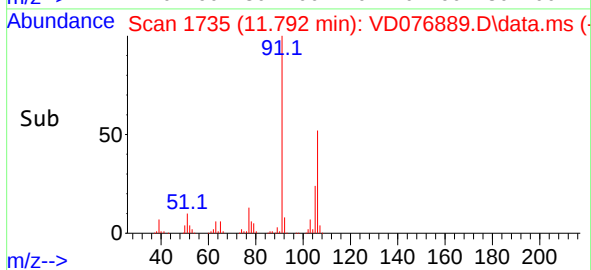
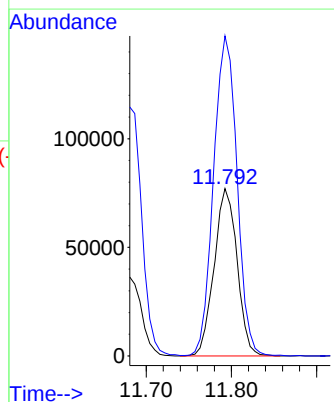
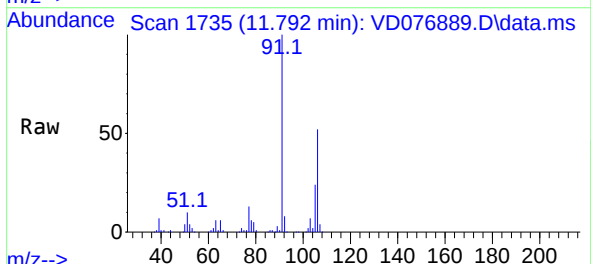
Instrument :
MSVOA_D
ClientSampleId :
VD0801SBS01

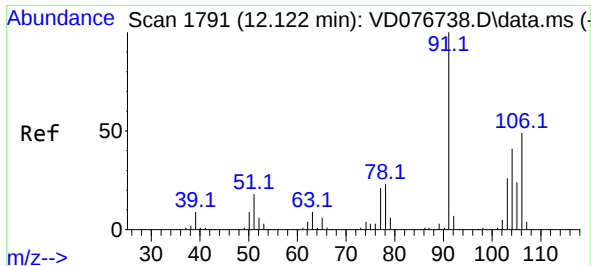
Tgt Ion: 91 Resp: 186489
Ion Ratio Lower Upper
91 100
106 31.7 26.5 39.7



#68
m/p-Xylenes
Concen: 40.963 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.001 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

Tgt Ion: 106 Resp: 144262
Ion Ratio Lower Upper
106 100
91 195.5 147.0 220.6

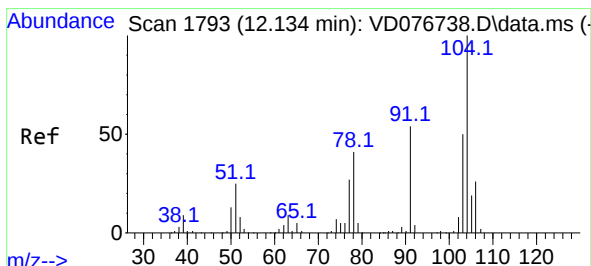
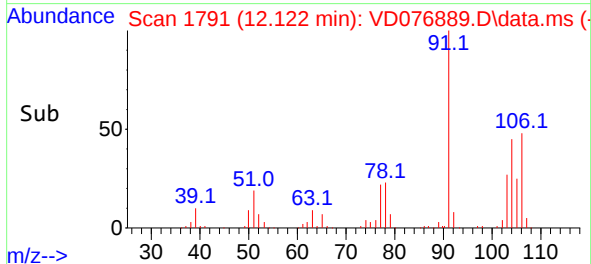
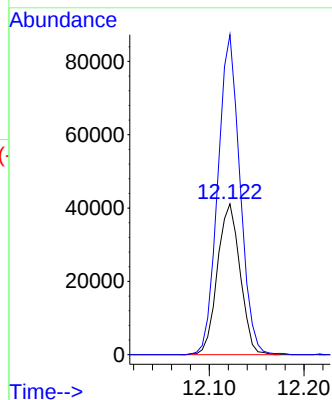
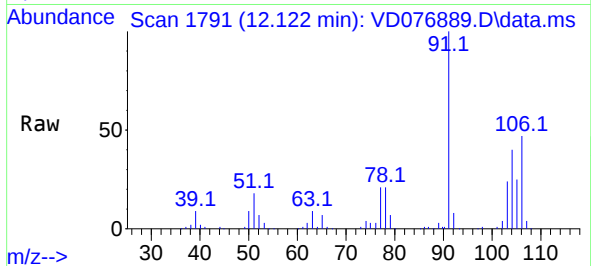




#69
o-Xylene
Concen: 20.103 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

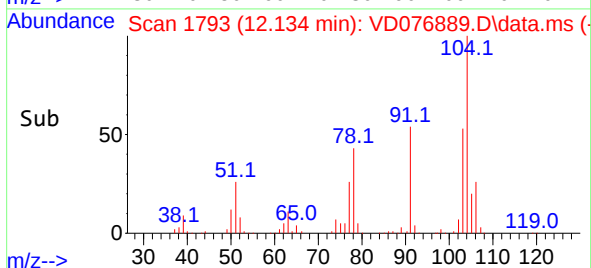
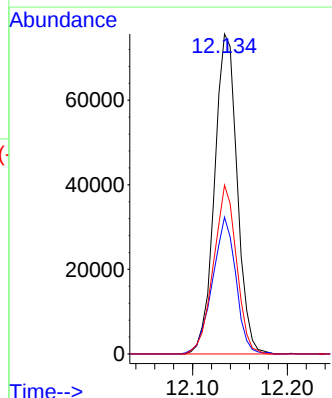
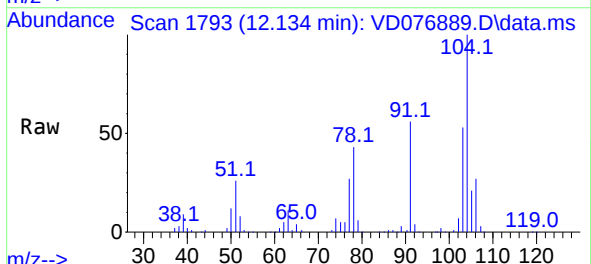
Instrument :
MSVOA_D
ClientSampleId :
VD0801SBS01

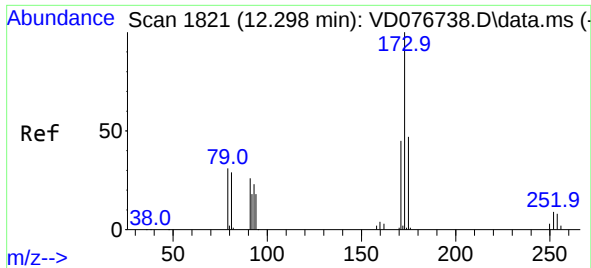
Tgt Ion:106 Resp: 68462
Ion Ratio Lower Upper
106 100
91 207.8 97.9 293.6



#70
Styrene
Concen: 21.068 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

Tgt Ion:104 Resp: 125602
Ion Ratio Lower Upper
104 100
78 44.1 33.2 49.8
103 53.7 43.6 65.4

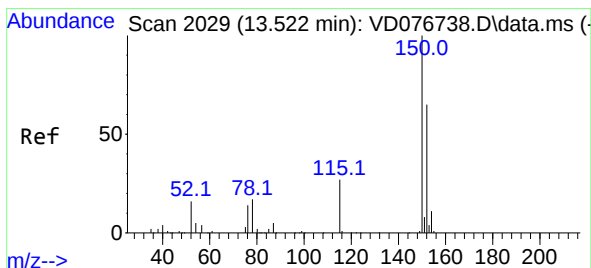
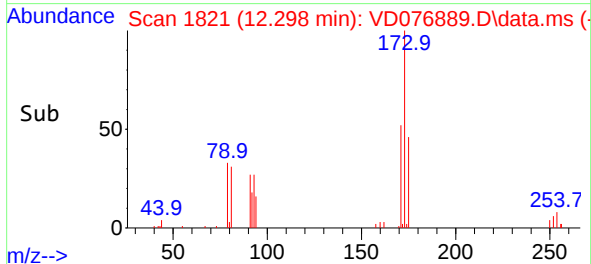
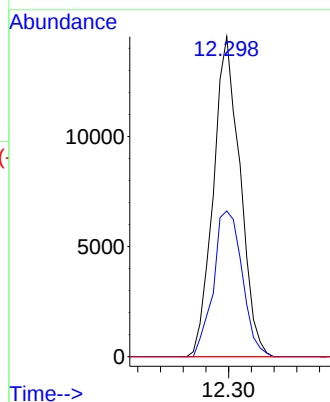
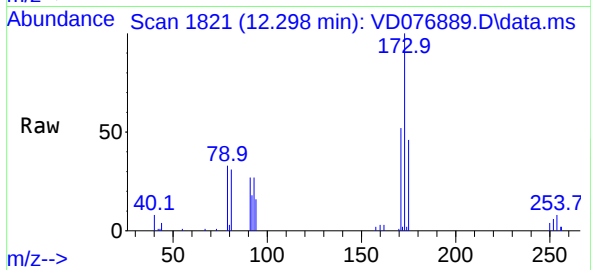




#71
Bromoform
Concen: 22.274 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

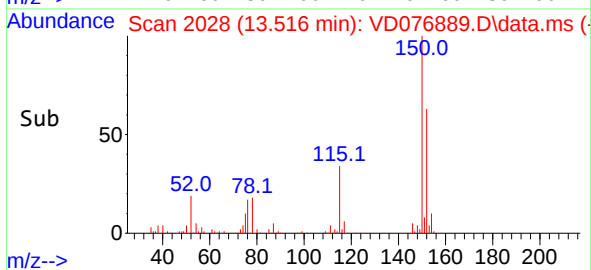
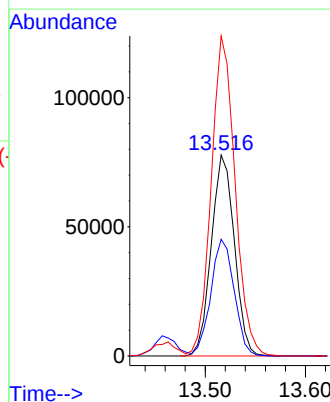
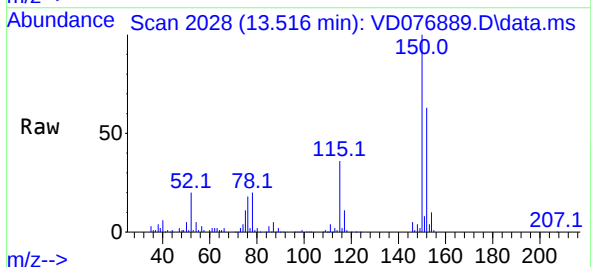
Instrument :
MSVOA_D
ClientSampleId :
VD0801SBS01

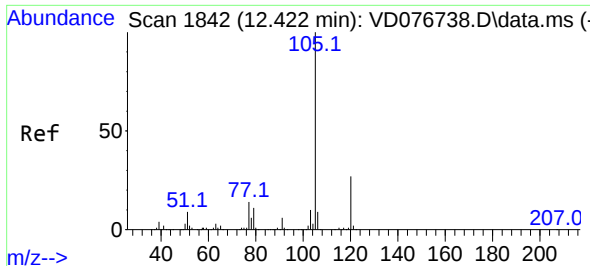
Tgt Ion:173	Resp:	23715
Ion Ratio	Lower	Upper
173	100	
175	49.1	24.6 73.8
254	0.0	0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

Tgt Ion:152	Resp:	124509
Ion Ratio	Lower	Upper
152	100	
115	58.7	27.1 81.3
150	164.4	0.0 353.6

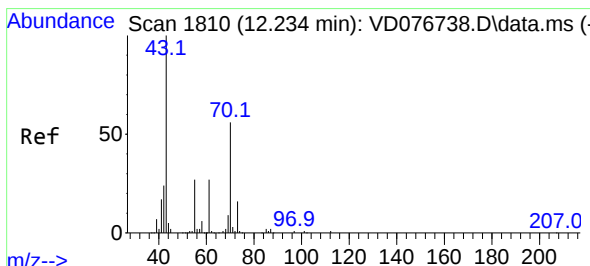
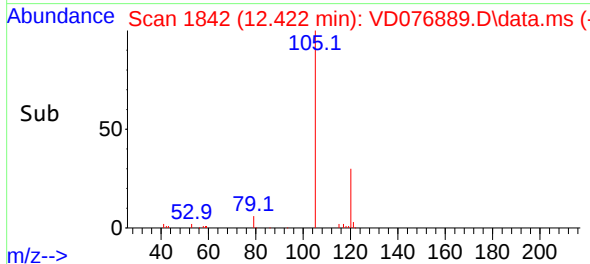
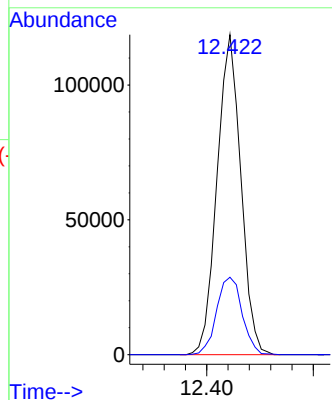
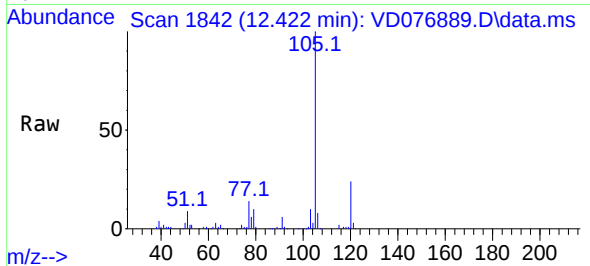




#73
Isopropylbenzene
Concen: 20.341 ug/l
RT: 12.422 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

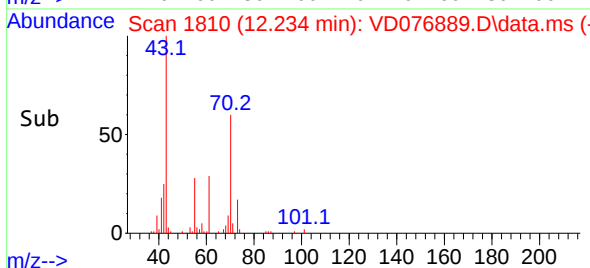
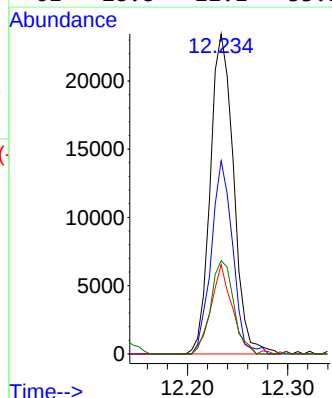
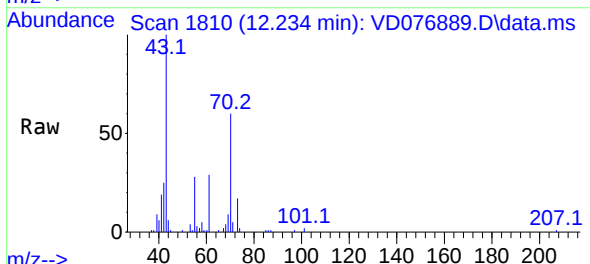
Instrument :
MSVOA_D
ClientSampleId :
VD0801SBS01

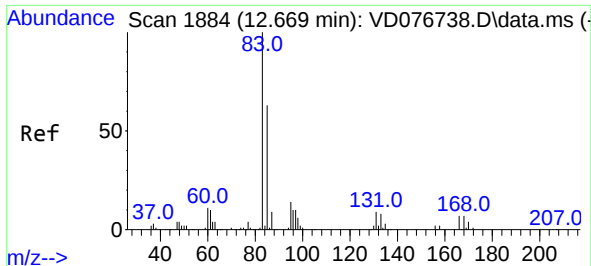
Tgt Ion:105 Resp: 183746
Ion Ratio Lower Upper
105 100
120 26.0 14.3 42.9



#74
N-ethyl acetate
Concen: 19.894 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

Tgt Ion: 43 Resp: 37860
Ion Ratio Lower Upper
43 100
70 55.4 45.0 67.4
55 25.5 23.8 35.6
61 28.8 22.1 33.1

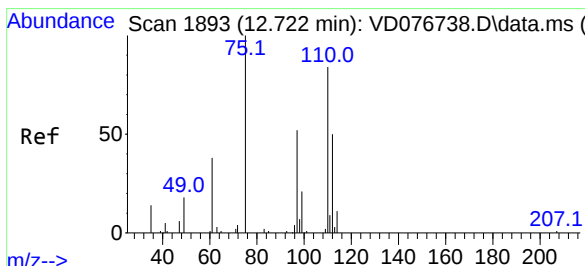
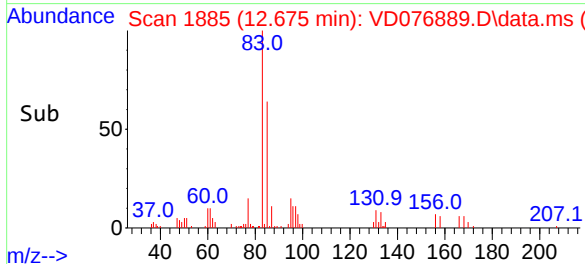
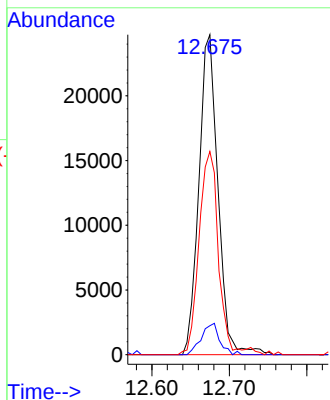
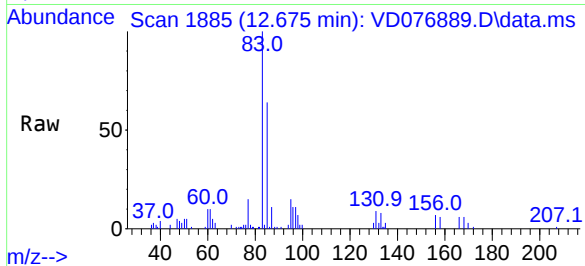




#75
1,1,2,2-Tetrachloroethane
Concen: 21.794 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

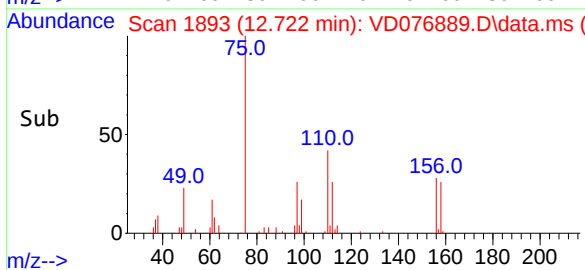
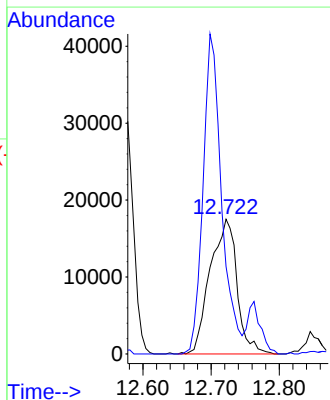
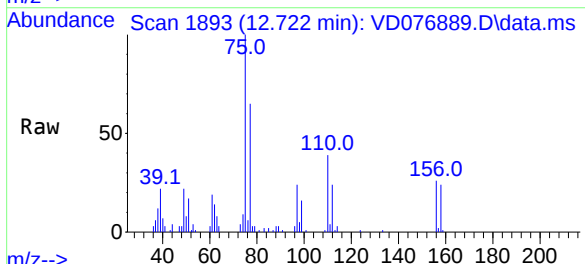
Instrument :
MSVOA_D
ClientSampleId :
VD0801SBS01

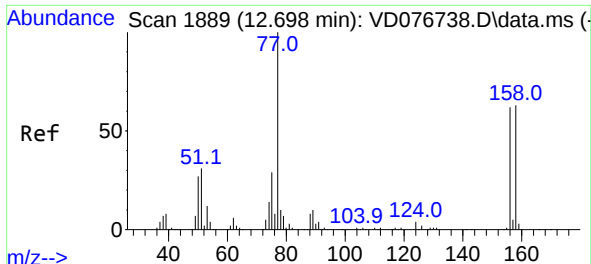
Tgt Ion: 83 Resp: 42271
Ion Ratio Lower Upper
83 100
131 9.4 5.1 15.3
85 63.7 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 40.633 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

Tgt Ion: 75 Resp: 48112
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

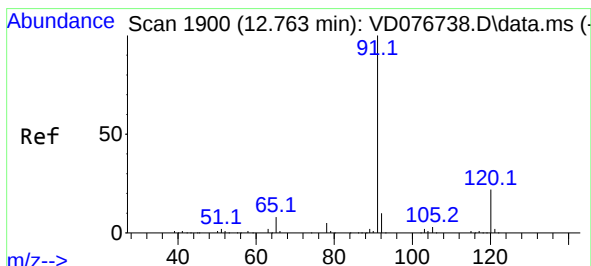
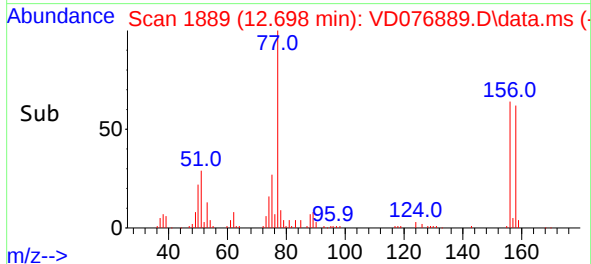
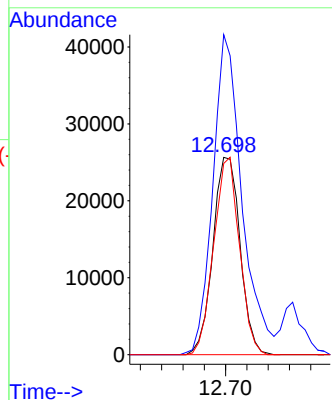
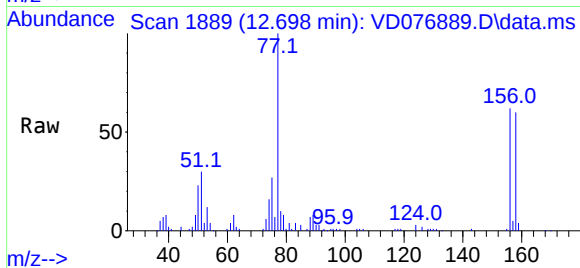




#77
Bromobenzene
Concen: 21.731 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

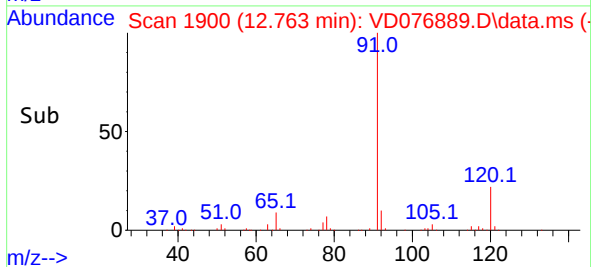
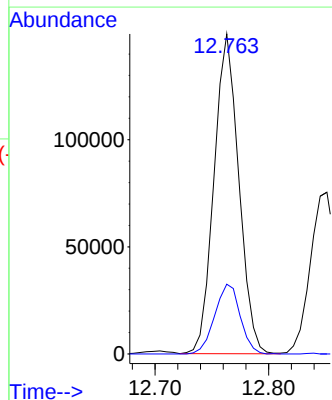
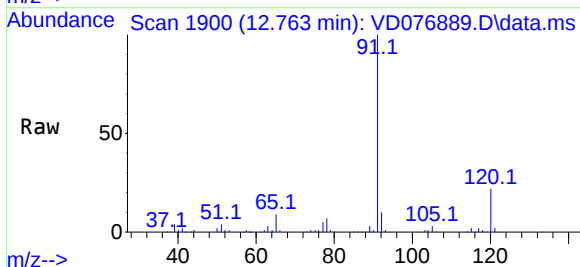
Instrument :
MSVOA_D
ClientSampleId :
VD0801SBS01

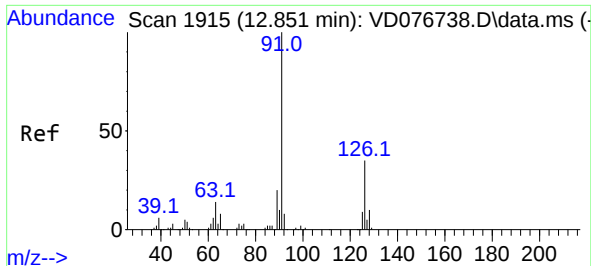
Tgt Ion:156 Resp: 45311
Ion Ratio Lower Upper
156 100
77 173.9 76.8 230.4
158 95.0 48.6 145.9



#78
n-propylbenzene
Concen: 20.641 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

Tgt Ion: 91 Resp: 226049
Ion Ratio Lower Upper
91 100
120 22.4 12.4 37.2

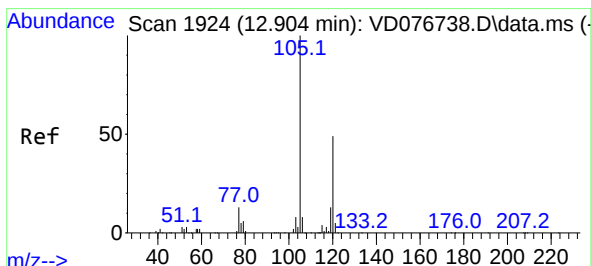
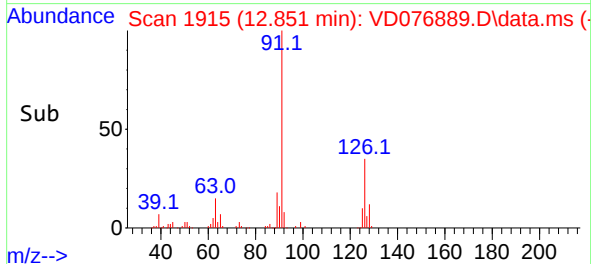
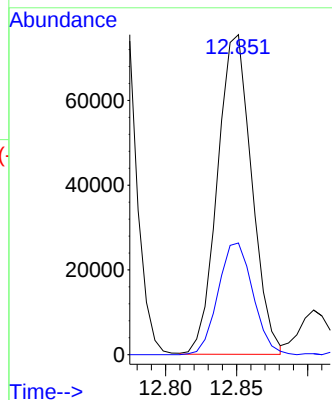
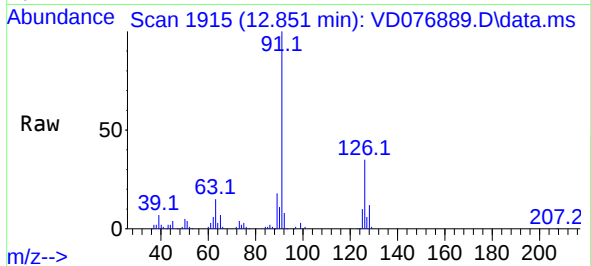




#79
2-Chlorotoluene
Concen: 21.104 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

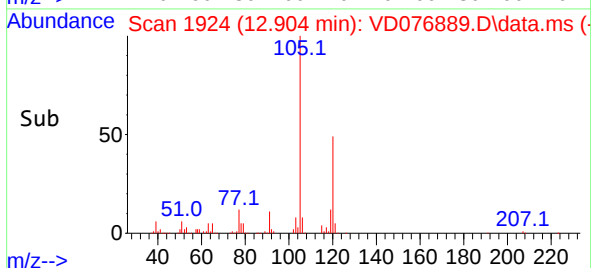
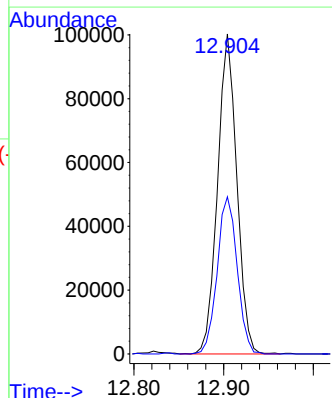
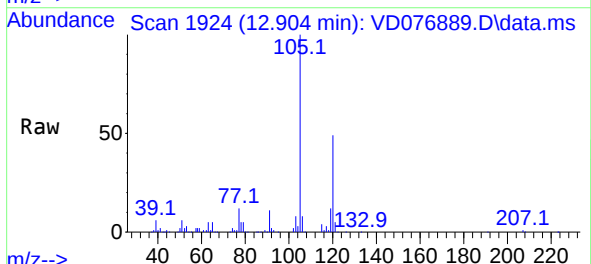
Instrument :
MSVOA_D
ClientSampleId :
VD0801SBS01

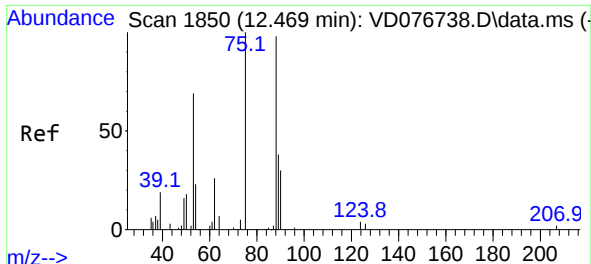
Tgt Ion: 91 Resp: 126721
Ion Ratio Lower Upper
91 100
126 35.5 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 20.451 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

Tgt Ion: 105 Resp: 149382
Ion Ratio Lower Upper
105 100
120 50.9 26.4 79.2

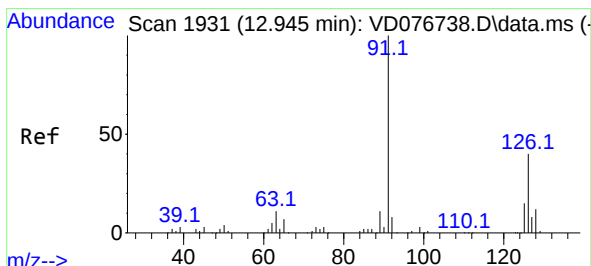
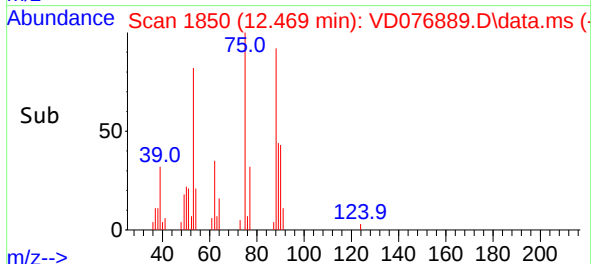
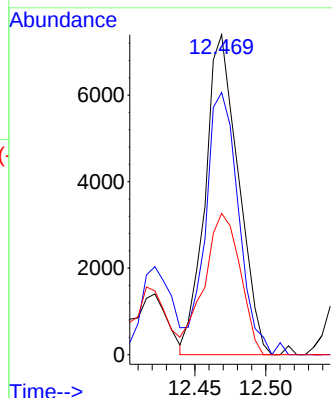
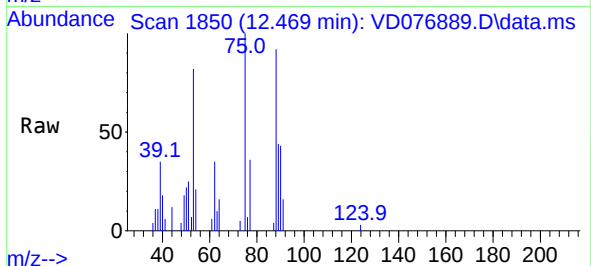




#81
trans-1,4-Dichloro-2-butene
Concen: 21.625 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

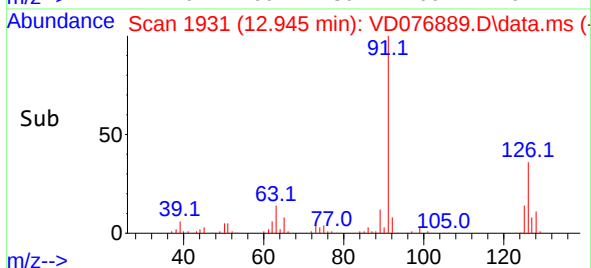
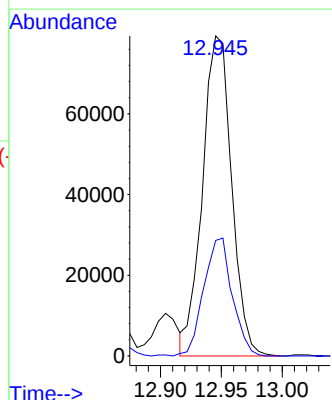
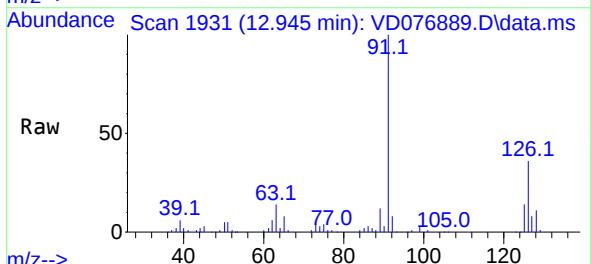
Instrument :
MSVOA_D
ClientSampleId :
VD0801SBS01

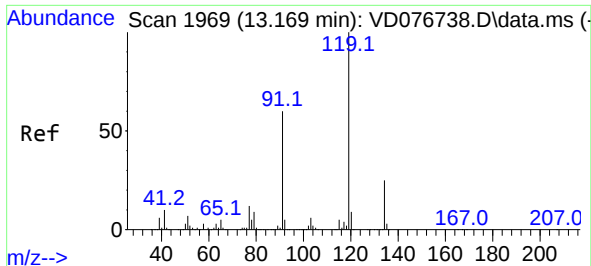
Tgt Ion: 75 Resp: 12031
Ion Ratio Lower Upper
75 100
53 82.2 63.0 94.4
89 47.8 37.9 56.9



#82
4-Chlorotoluene
Concen: 21.130 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

Tgt Ion: 91 Resp: 132549
Ion Ratio Lower Upper
91 100
126 36.0 19.4 58.4



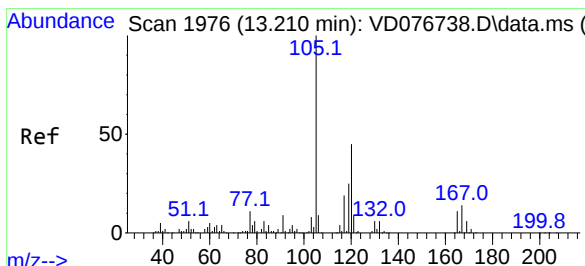
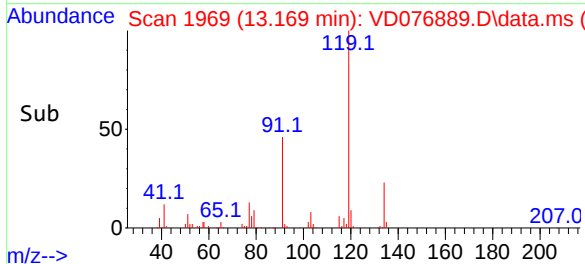
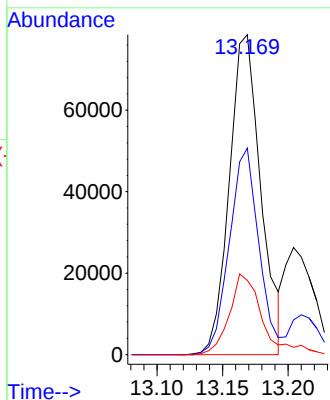
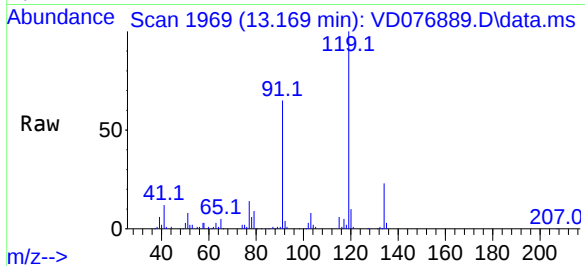


#83
tert-Butylbenzene
Concen: 20.469 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

Instrument :
MSVOA_D
ClientSampleId :
VD0801SBS01

Tgt Ion:119 Resp: 131647

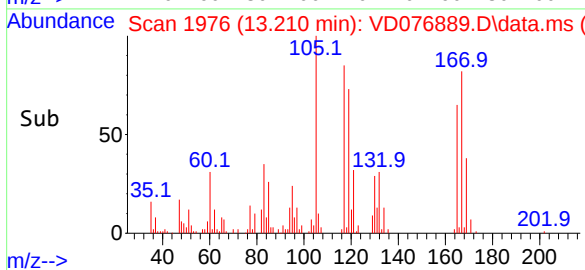
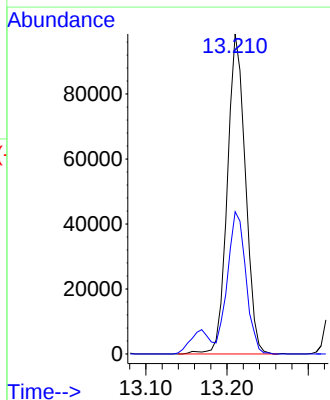
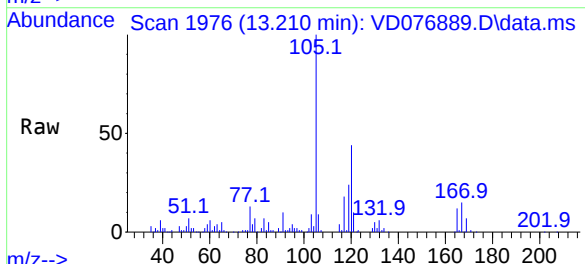
Ion	Ratio	Lower	Upper
119	100		
91	60.2	29.3	87.8
134	26.4	14.1	42.3

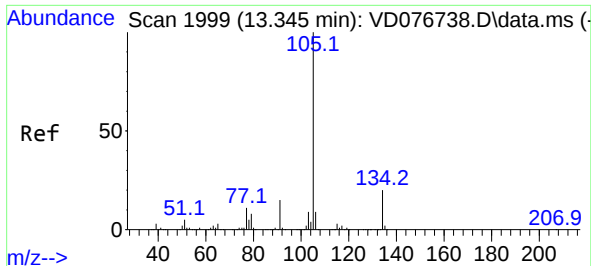


#84
1,2,4-Trimethylbenzene
Concen: 20.367 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

Tgt Ion:105 Resp: 152025

Ion	Ratio	Lower	Upper
105	100		
120	45.1	24.3	72.9

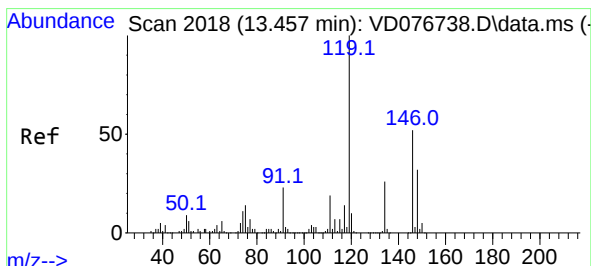
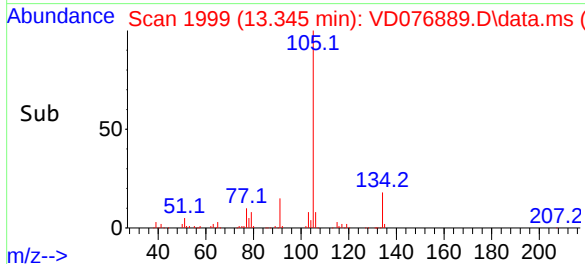
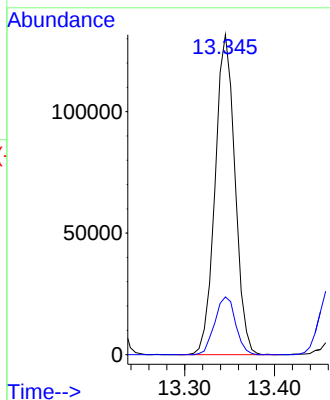
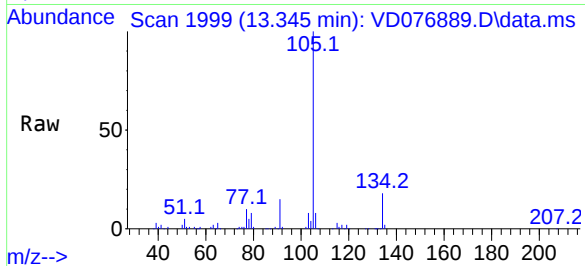




#85
 sec-Butylbenzene
 Concen: 20.580 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD076889.D
 Acq: 01 Aug 2023 12:03

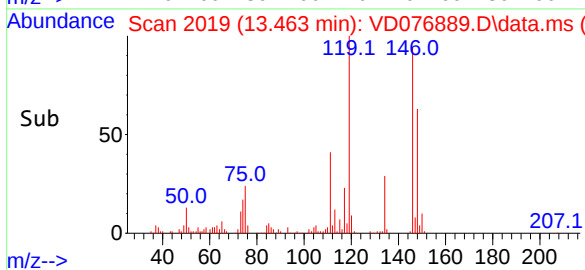
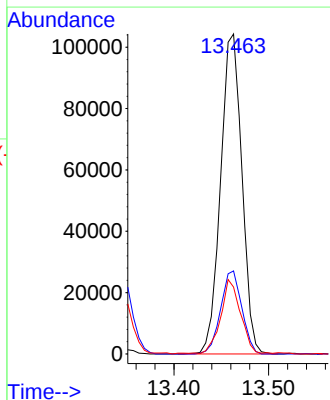
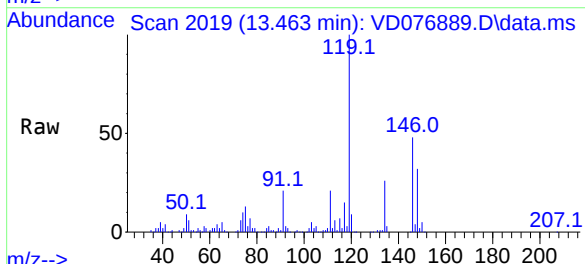
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0801SBS01

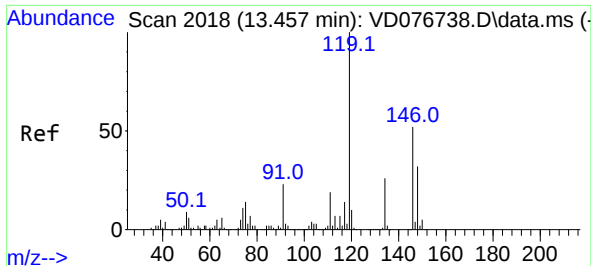
Tgt Ion:105 Resp: 202219
 Ion Ratio Lower Upper
 105 100
 134 18.9 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 20.117 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.006 min
 Lab File: VD076889.D
 Acq: 01 Aug 2023 12:03

Tgt Ion:119 Resp: 163252
 Ion Ratio Lower Upper
 119 100
 134 25.7 14.2 42.6
 91 21.4 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 21.165 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD076889.D

Acq: 01 Aug 2023 12:03

Instrument :

MSVOA_D

ClientSampleId :

VD0801SBS01

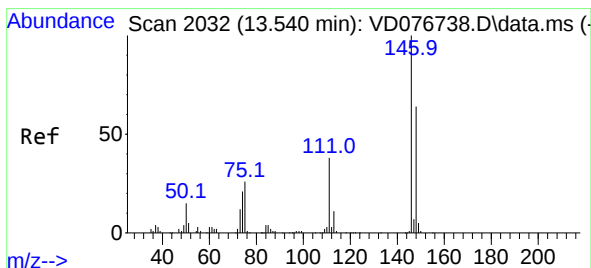
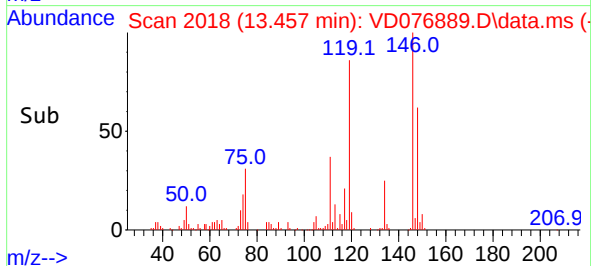
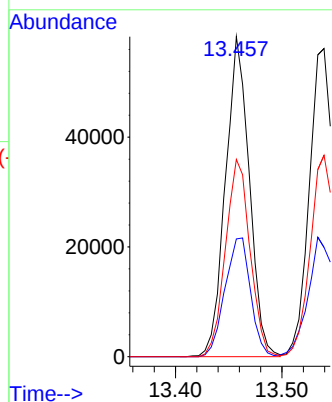
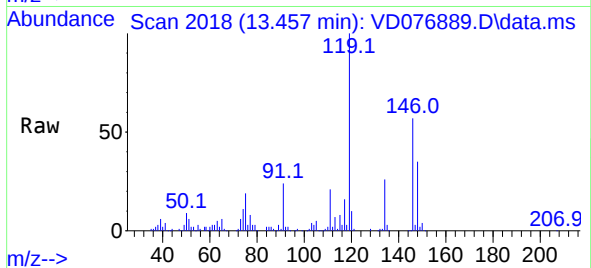
Tgt Ion:146 Resp: 90772

Ion Ratio Lower Upper

146 100

111 39.8 17.9 53.8

148 63.5 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 21.908 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. -0.001 min

Lab File: VD076889.D

Acq: 01 Aug 2023 12:03

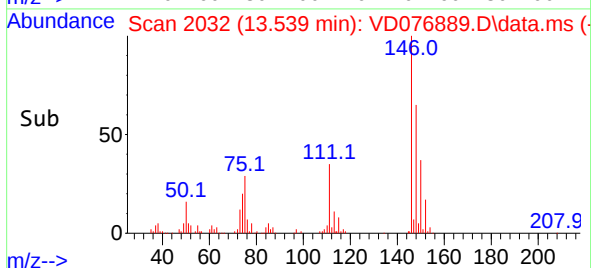
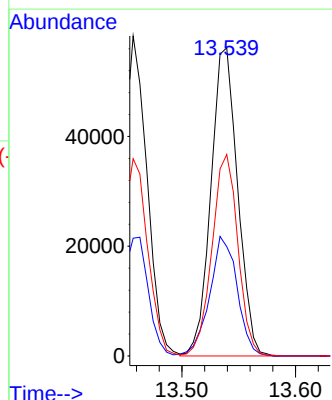
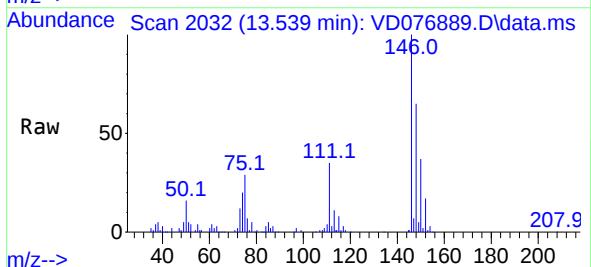
Tgt Ion:146 Resp: 92055

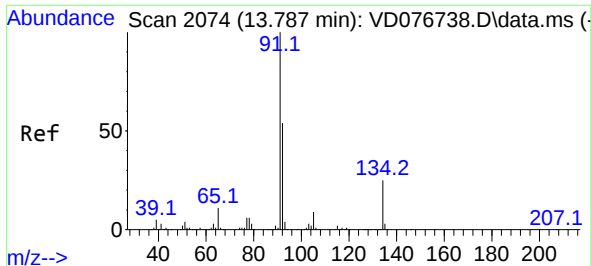
Ion Ratio Lower Upper

146 100

111 39.9 17.4 52.3

148 63.4 31.7 95.1

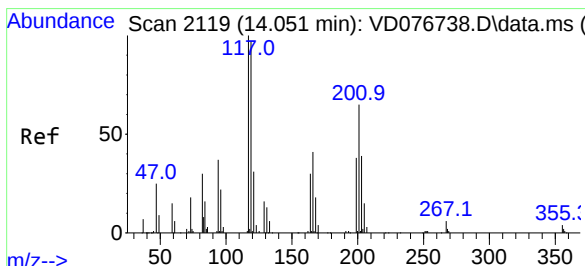
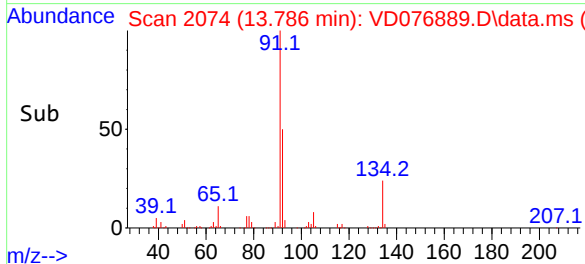
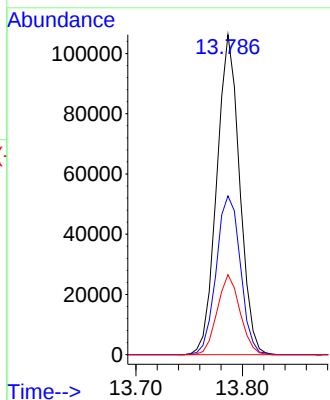
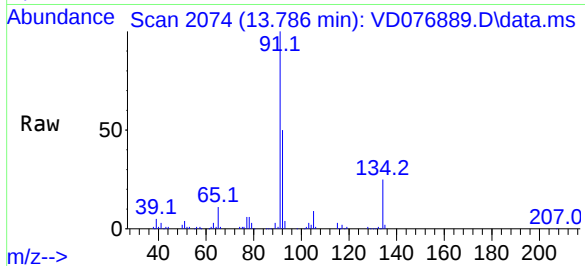




#89
n-Butylbenzene
Concen: 19.909 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.001 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

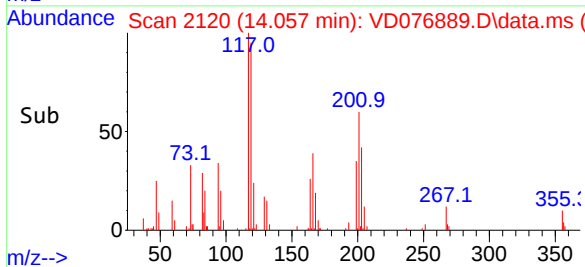
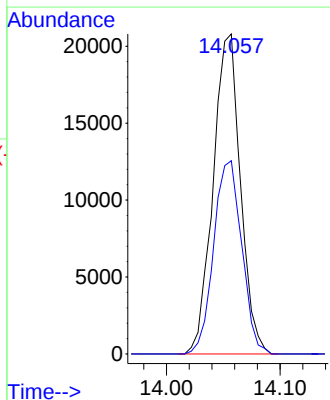
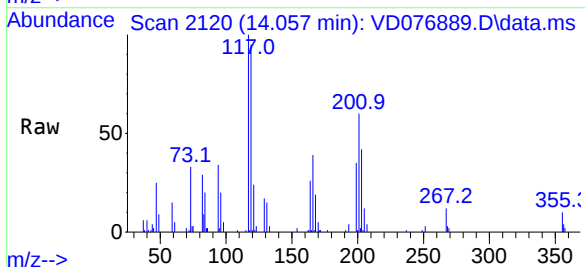
Instrument :
MSVOA_D
ClientSampleId :
VD0801SBS01

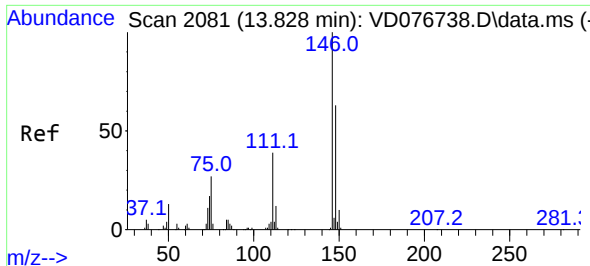
Tgt Ion: 91 Resp: 158091
Ion Ratio Lower Upper
91 100
92 52.4 26.5 79.5
134 24.9 13.8 41.3



#90
Hexachloroethane
Concen: 23.175 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

Tgt Ion: 117 Resp: 34769
Ion Ratio Lower Upper
117 100
201 61.9 38.5 115.5

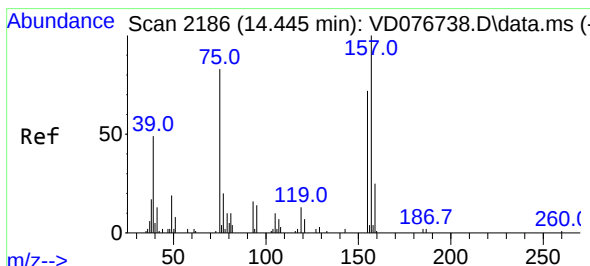
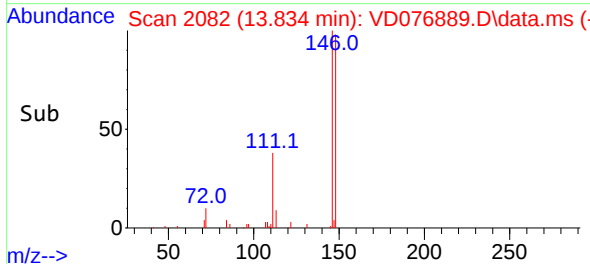
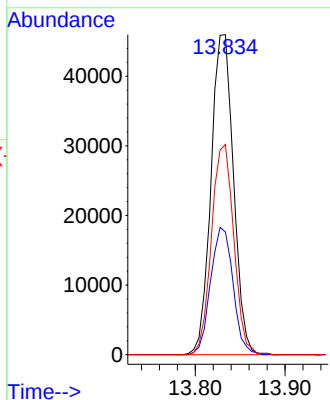
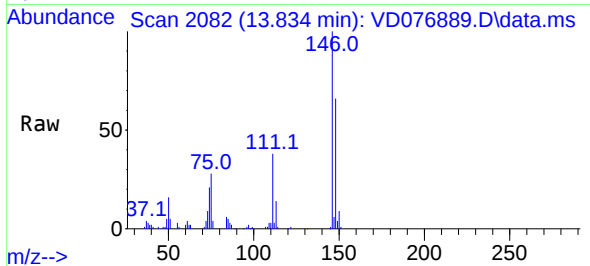




#91
 1,2-Dichlorobenzene
 Concen: 21.157 ug/l
 RT: 13.834 min Scan# 2081
 Delta R.T. 0.006 min
 Lab File: VD076889.D
 Acq: 01 Aug 2023 12:03

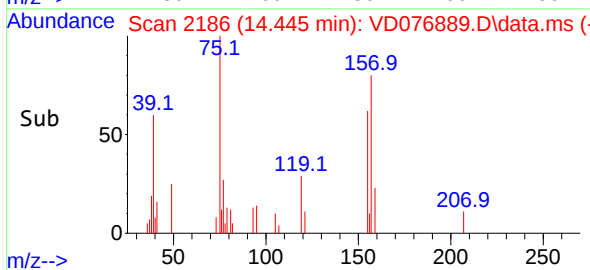
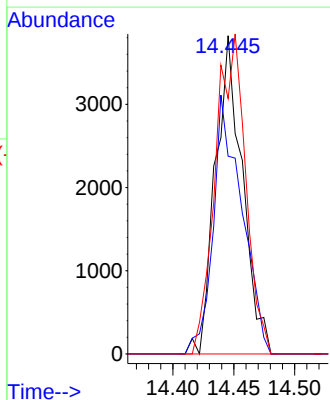
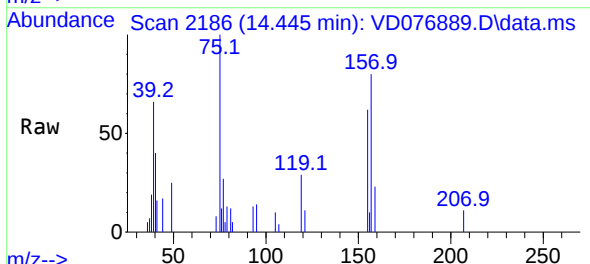
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0801SBS01

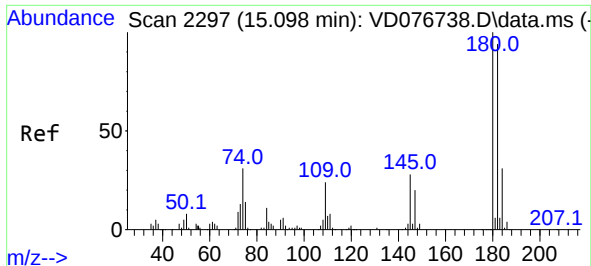
Tgt Ion:	146	Resp:	79953
Ion	Ratio	Lower	Upper
146	100		
111	39.7	18.3	54.8
148	65.3	31.6	94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.277 ug/l
 RT: 14.445 min Scan# 2186
 Delta R.T. 0.000 min
 Lab File: VD076889.D
 Acq: 01 Aug 2023 12:03

Tgt Ion:	75	Resp:	5884
Ion	Ratio	Lower	Upper
75	100		
155	86.1	47.9	143.8
157	112.2	59.9	179.7

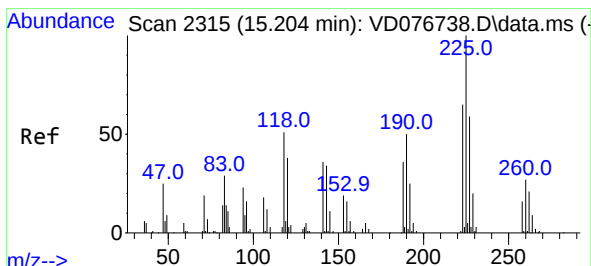
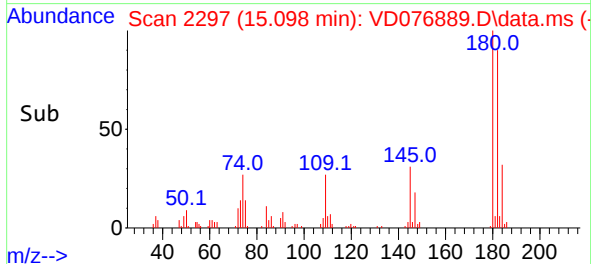
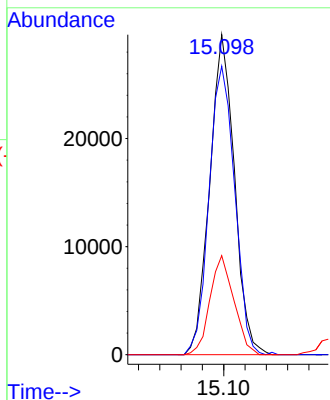
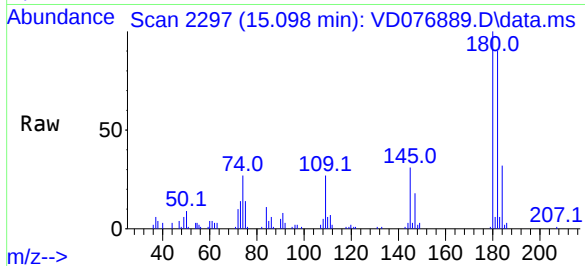




#93
1,2,4-Trichlorobenzene
Concen: 20.648 ug/l
RT: 15.098 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

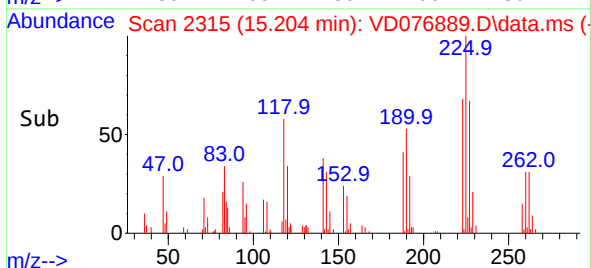
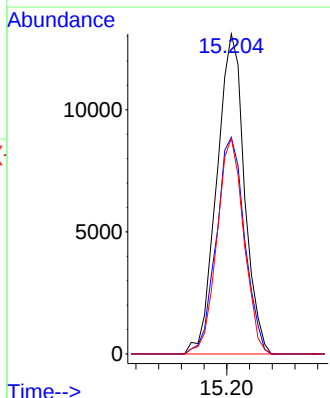
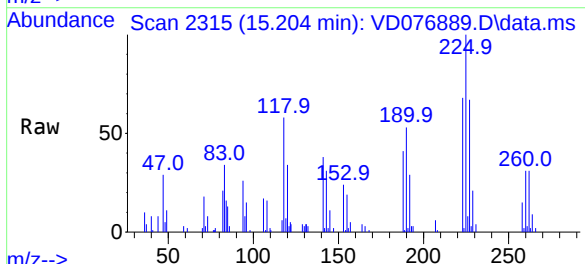
Instrument :
MSVOA_D
ClientSampleId :
VD0801SBS01

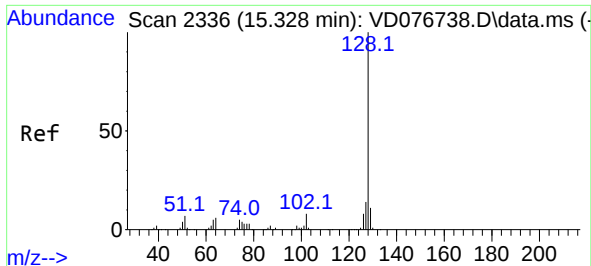
Tgt Ion:180 Resp: 47638
Ion Ratio Lower Upper
180 100
182 93.7 48.5 145.6
145 29.9 14.2 42.6



#94
Hexachlorobutadiene
Concen: 19.950 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

Tgt Ion:225 Resp: 22137
Ion Ratio Lower Upper
225 100
223 69.4 31.6 94.8
227 65.3 31.7 95.1

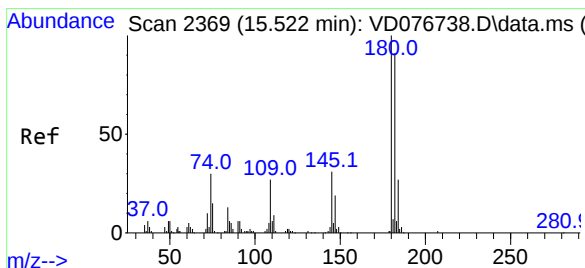
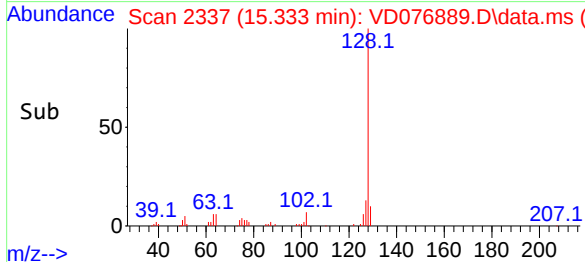
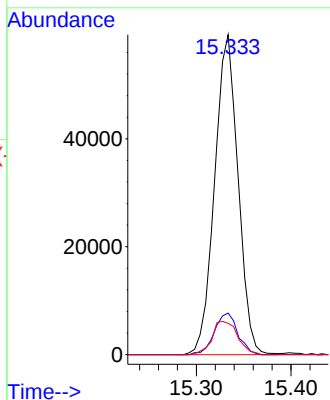
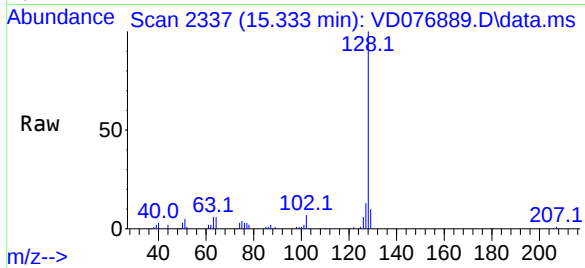




#95
Naphthalene
Concen: 20.390 ug/l
RT: 15.333 min Scan# 21
Delta R.T. 0.005 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

Instrument :
MSVOA_D
ClientSampleId :
VD0801SBS01

Tgt Ion:128 Resp: 101861
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 9.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.880 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD076889.D
Acq: 01 Aug 2023 12:03

Tgt Ion:180 Resp: 43231
Ion Ratio Lower Upper
180 100
182 98.8 47.3 141.9
145 31.1 15.1 45.3

