

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051922\
 Data File : VY008882.D
 Acq On : 19 May 2022 20:51
 Operator : KP/MD
 Sample : N2868-18MSD
 Misc : 4.61g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 N2868-16MSDMSD

Quant Time: May 20 02:54:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 07:32:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	107758	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	183831	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	174828	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	86049	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	52580	52.597	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.200%
35) Dibromofluoromethane	7.716	113	46535	43.325	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.660%
50) Toluene-d8	10.179	98	186179	39.694	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	79.380%
62) 4-Bromofluorobenzene	12.483	95	59986	36.239	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	72.480%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	33206	49.474	ug/l	99
3) Chloromethane	2.113	50	53393	56.054	ug/l	94
4) Vinyl Chloride	2.247	62	79102	54.914	ug/l	96
5) Bromomethane	2.644	94	67498	53.817	ug/l	97
6) Chloroethane	2.790	64	56955	51.243	ug/l	96
7) Trichlorofluoromethane	3.125	101	69769	48.099	ug/l	95
8) Diethyl Ether	3.528	74	25397	53.193	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.899	101	43150	48.466	ug/l	94
10) Methyl Iodide	4.088	142	40581	36.350	ug/l	93
11) Tert butyl alcohol	4.954	59	27681	250.541	ug/l #	93
12) 1,1-Dichloroethene	3.869	96	40346	44.125	ug/l	81
13) Acrolein	3.717	56	2725	49.857	ug/l	86
14) Allyl chloride	4.473	41	60516	44.995	ug/l #	84
15) Acrylonitrile	5.161	53	77500	239.370	ug/l	99
16) Acetone	3.948	43	60856	275.624	ug/l	95
17) Carbon Disulfide	4.186	76	104587	44.077	ug/l	99
18) Methyl Acetate	4.479	43	63126	92.920	ug/l #	89
19) Methyl tert-butyl Ether	5.216	73	144326	58.607	ug/l	94
20) Methylene Chloride	4.710	84	55451	54.396	ug/l	84
21) trans-1,2-Dichloroethene	5.216	96	50775	45.289	ug/l	86
22) Diisopropyl ether	6.119	45	159810	56.107	ug/l #	89
23) Vinyl Acetate	6.058	43	104624	52.096	ug/l #	93
24) 1,1-Dichloroethane	6.015	63	95871	50.726	ug/l	99
25) 2-Butanone	6.984	43	105219	250.805	ug/l #	86
26) 2,2-Dichloropropane	6.984	77	83638	46.561	ug/l	95
27) cis-1,2-Dichloroethene	6.984	96	61584	49.525	ug/l	88
28) Bromochloromethane	7.332	49	40889	57.065	ug/l #	90
29) Tetrahydrofuran	7.344	42	71832	257.030	ug/l #	85
30) Chloroform	7.502	83	103099	50.879	ug/l	95
31) Cyclohexane	7.783	56	73704	46.456	ug/l	89
32) 1,1,1-Trichloroethane	7.698	97	90949	48.409	ug/l	99
36) 1,1-Dichloropropene	7.917	75	73385	42.659	ug/l	97
37) Ethyl Acetate	7.076	43	24952	24.340	ug/l	96
38) Carbon Tetrachloride	7.899	117	77993	42.304	ug/l	99
39) Methylcyclohexane	9.179	83	79991	39.210	ug/l	90
40) Benzene	8.161	78	224753	46.692	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	65289	121.103	ug/l #	43
42) 1,2-Dichloroethane	8.234	62	74095	52.439	ug/l	94
43) Isopropyl Acetate	8.271	43	66654	39.057	ug/l #	87
44) Trichloroethene	8.935	130	58405	44.605	ug/l	97
45) 1,2-Dichloropropane	9.216	63	58970	51.548	ug/l	91
46) Dibromomethane	9.301	93	38570	51.309	ug/l	93
47) Bromodichloromethane	9.496	83	85793	51.482	ug/l	99
48) Methyl methacrylate	9.289	41	45264	60.405	ug/l #	87
49) 1,4-Dioxane	9.289	88	11345	1004.784	ug/l #	81
51) 4-Methyl-2-Pentanone	10.069	43	269569	267.571	ug/l	92
52) Toluene	10.246	92	154105	47.115	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	88411	51.077	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	92340	49.471	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	55000	53.805	ug/l	98
56) Ethyl methacrylate	10.508	69	47020	37.913	ug/l #	84
57) 1,3-Dichloropropane	10.788	76	88231	52.493	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	186192	294.411	ug/l	94
59) 2-Hexanone	10.831	43	180676	250.994	ug/l	89
60) Dibromochloromethane	10.984	129	64389	52.471	ug/l	99
61) 1,2-Dibromoethane	11.087	107	52856	51.850	ug/l	99
64) Tetrachloroethene	10.721	164	56328	50.333	ug/l	98
65) Chlorobenzene	11.514	112	159398	45.049	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	64180	49.649	ug/l	96
67) Ethyl Benzene	11.593	91	286585	45.354	ug/l	97
68) m/p-Xylenes	11.703	106	232976	92.549	ug/l	91
69) o-Xylene	12.032	106	112234	48.252	ug/l	89
70) Styrene	12.044	104	187893	47.719	ug/l	95
71) Bromoform	12.209	173	44391	50.586	ug/l #	100
73) Isopropylbenzene	12.331	105	282728	47.907	ug/l	99
74) N-amyl acetate	12.142	43	42548	30.205	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.581	83	72122	54.971	ug/l	97
76) 1,2,3-Trichloropropane	12.636	75	88429	88.964	ug/l #	100
77) Bromobenzene	12.611	156	66177	48.394	ug/l	98
78) n-propylbenzene	12.672	91	337677	46.576	ug/l	99
79) 2-Chlorotoluene	12.758	91	184442	46.969	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	227349	47.713	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	23599	51.930	ug/l	86
82) 4-Chlorotoluene	12.855	91	198806	47.922	ug/l	96
83) tert-Butylbenzene	13.075	119	206279	48.137	ug/l	93
84) 1,2,4-Trimethylbenzene	13.123	105	232295	49.245	ug/l	98
85) sec-Butylbenzene	13.251	105	307088	45.932	ug/l	99
86) p-Isopropyltoluene	13.367	119	247945	45.482	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	127738	44.458	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	128158	45.094	ug/l	99
89) n-Butylbenzene	13.696	91	207187	40.040	ug/l	100
90) Hexachloroethane	13.959	117	46010	44.640	ug/l	83
91) 1,2-Dichlorobenzene	13.739	146	115329	45.899	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11047	49.244	ug/l	81
93) 1,2,4-Trichlorobenzene	15.007	180	45642	33.264	ug/l	99
94) Hexachlorobutadiene	15.111	225	22958	29.077	ug/l	99
95) Naphthalene	15.239	128	124181	40.485	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	39839	33.052	ug/l	99

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QLast Update : Wed May 18 07:32:50 2022
Response via : Initial Calibration

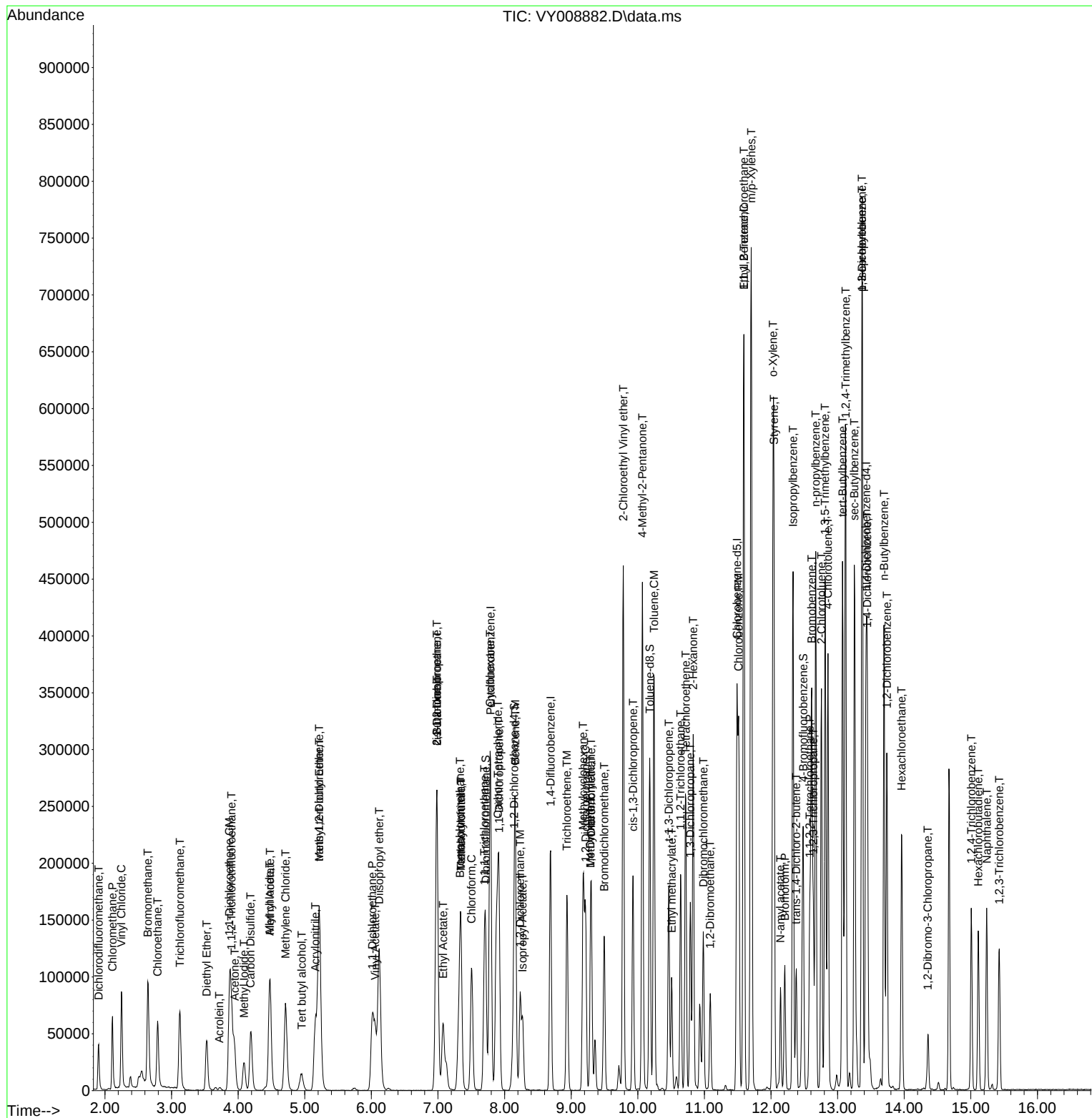
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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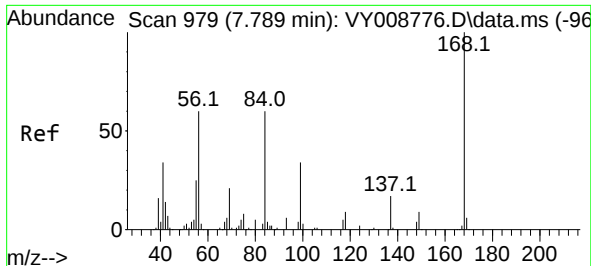
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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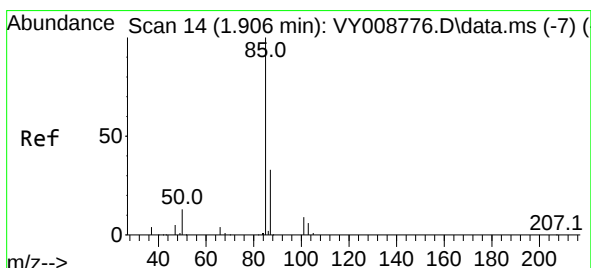
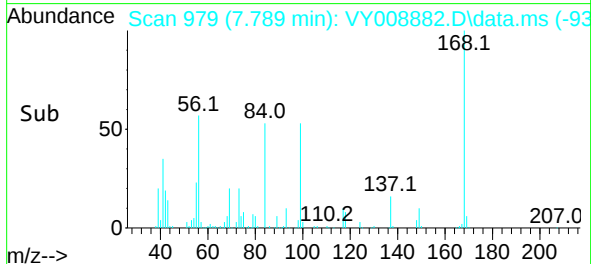
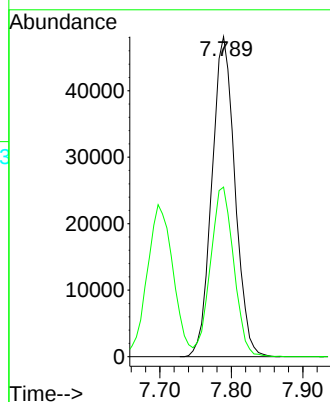
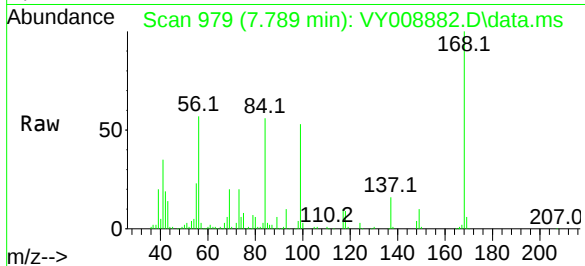




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
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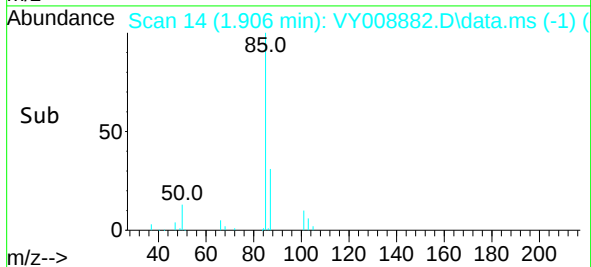
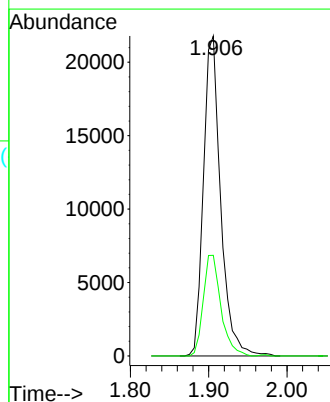
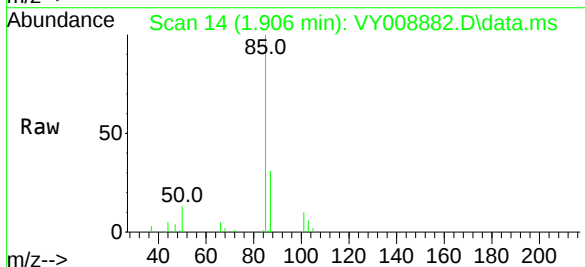
Instrument :
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ClientSampleId :
N2868-16MSDMSD

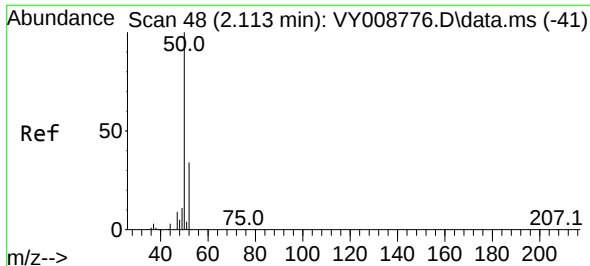
Tgt Ion:168 Resp: 107758
Ion Ratio Lower Upper
168 100
99 52.8 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 49.474 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY008882.D
Acq: 19 May 2022 20:51

Tgt Ion: 85 Resp: 33206
Ion Ratio Lower Upper
85 100
87 31.5 16.1 48.2

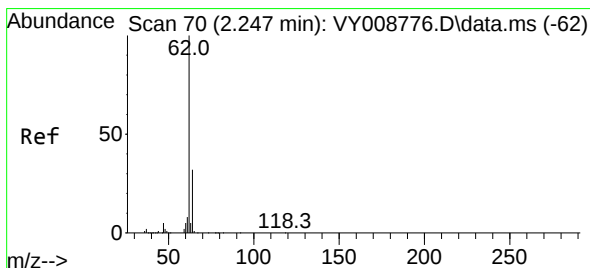
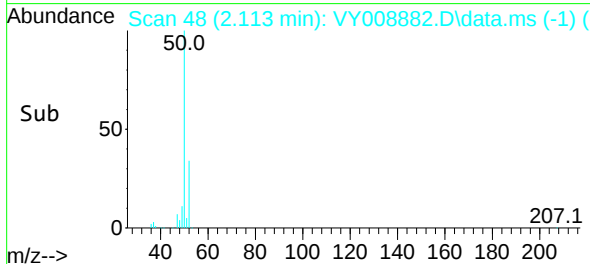
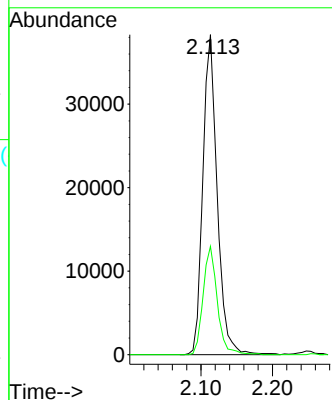
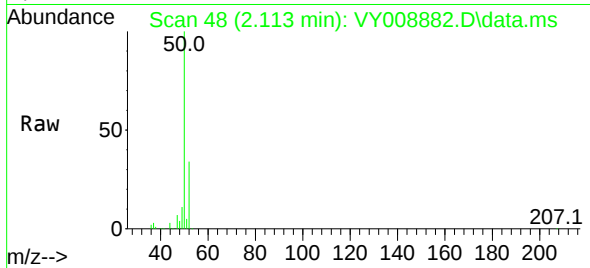




#3
Chloromethane
Concen: 56.054 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008882.D
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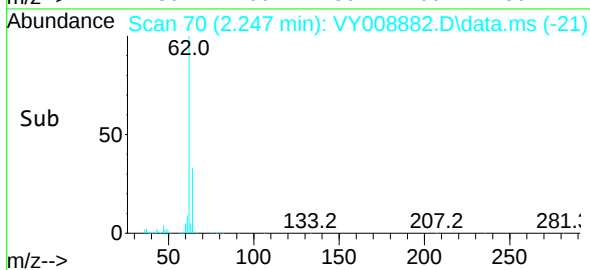
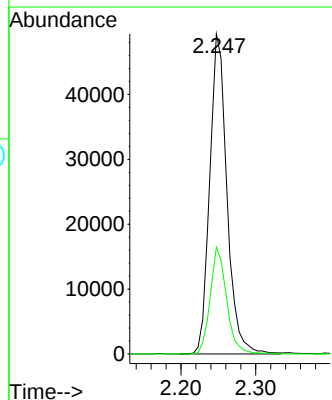
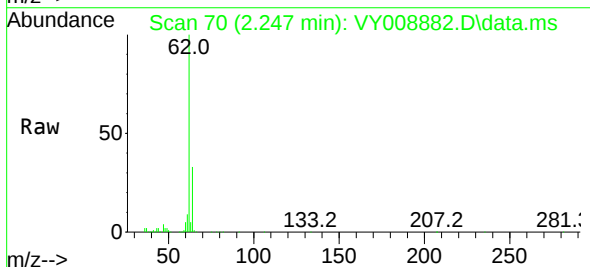
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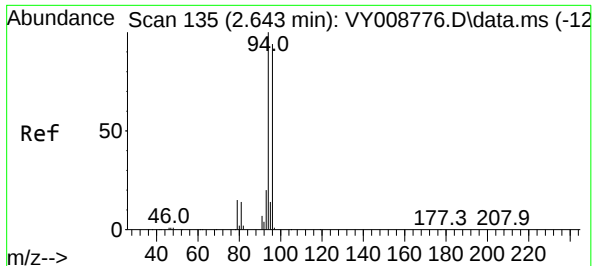
Tgt Ion: 50 Resp: 53393
Ion Ratio Lower Upper
50 100
52 33.8 24.6 37.0



#4
Vinyl Chloride
Concen: 54.914 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
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Tgt Ion: 62 Resp: 79102
Ion Ratio Lower Upper
62 100
64 33.3 25.0 37.6

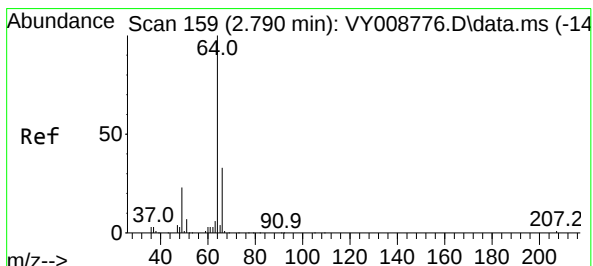
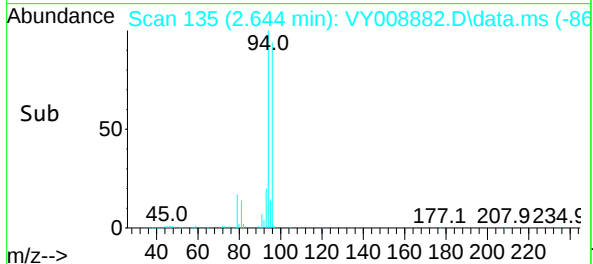
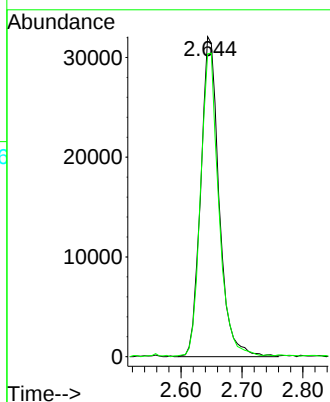
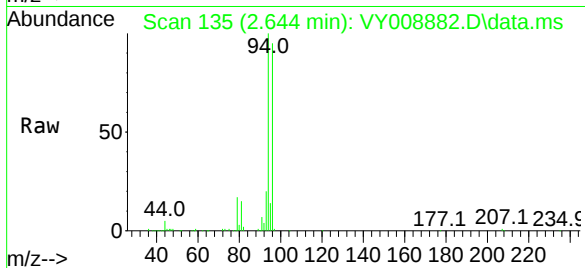




#5
Bromomethane
Concen: 53.817 ug/l
RT: 2.644 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008882.D
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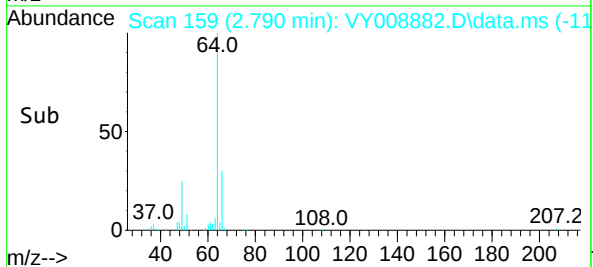
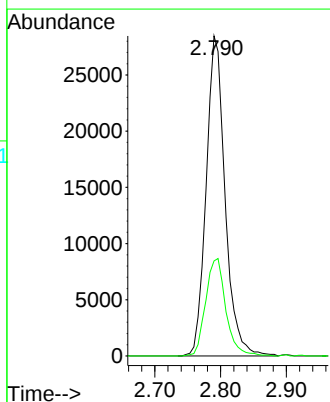
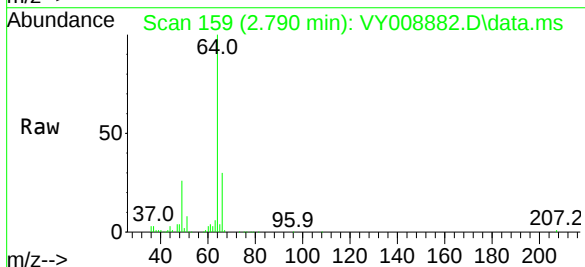
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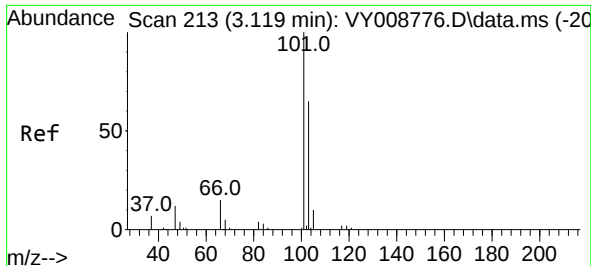
Tgt Ion: 94 Resp: 67498
Ion Ratio Lower Upper
94 100
96 94.4 73.5 110.3



#6
Chloroethane
Concen: 51.243 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
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Tgt Ion: 64 Resp: 56955
Ion Ratio Lower Upper
64 100
66 29.7 25.4 38.0

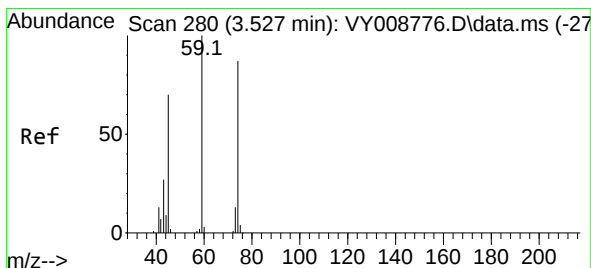
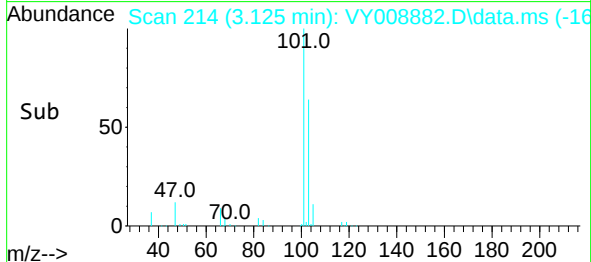
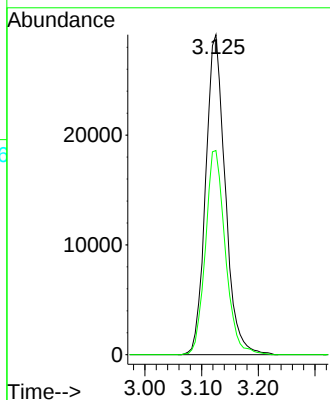
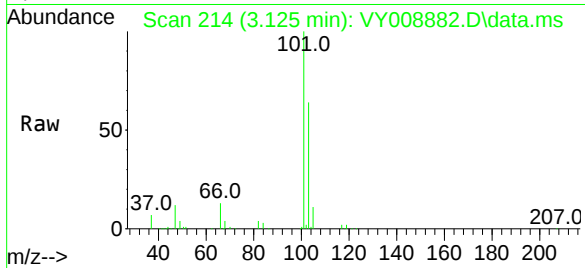




#7
 Trichlorofluoromethane
 Concen: 48.099 ug/l
 RT: 3.125 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY008882.D
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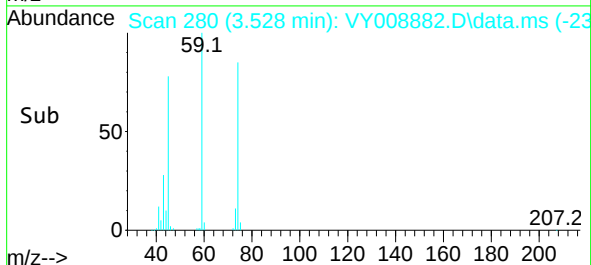
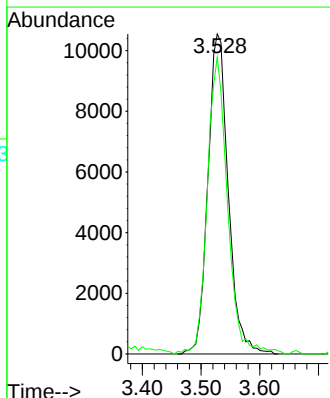
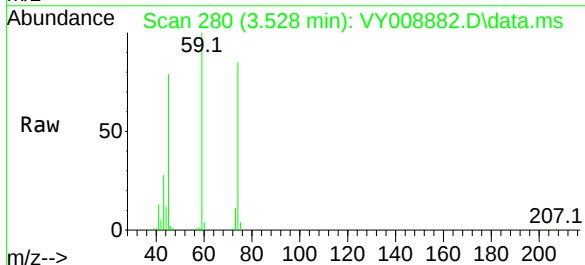
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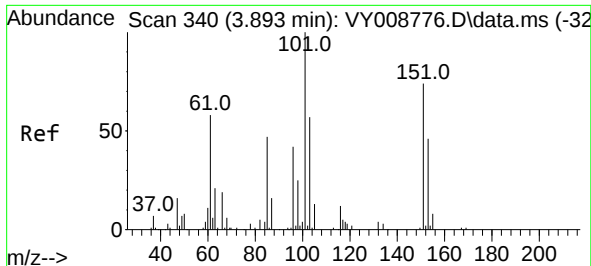
Tgt Ion:101 Resp: 69769
 Ion Ratio Lower Upper
 101 100
 103 63.8 48.0 72.0



#8
 Diethyl Ether
 Concen: 53.193 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 25397
 Ion Ratio Lower Upper
 74 100
 45 92.3 55.1 165.5

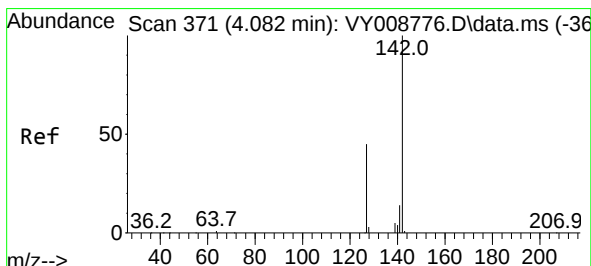
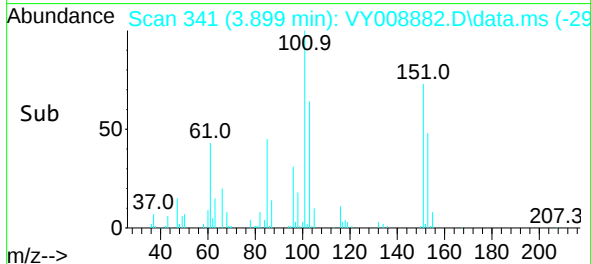
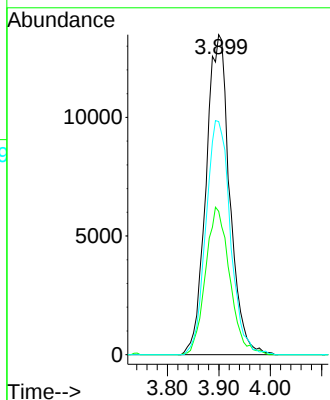
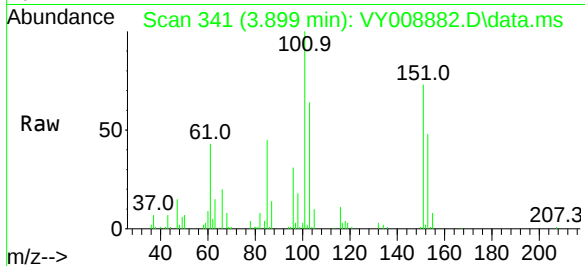




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.466 ug/l
RT: 3.899 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY008882.D
Acq: 19 May 2022 20:51

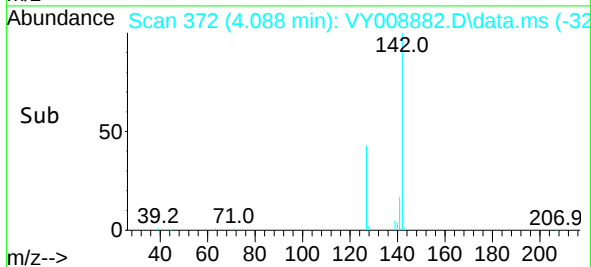
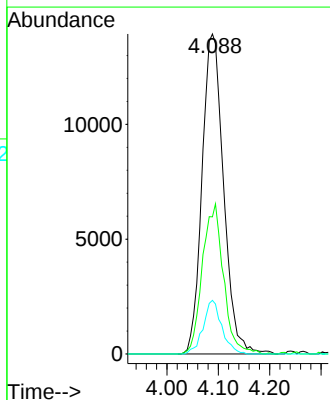
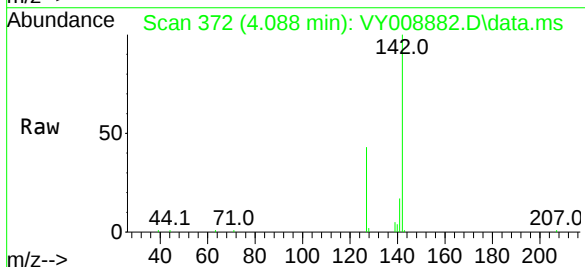
Instrument :
MSVOA_Y
ClientSampleId :
N2868-16MSDMSD

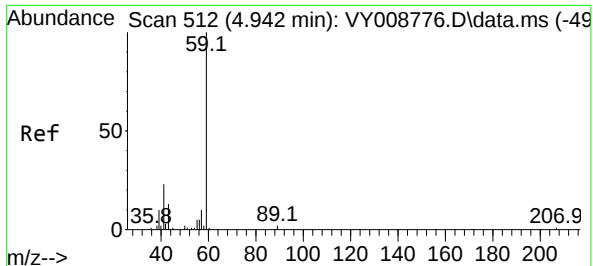
Tgt Ion:101 Resp: 43150
Ion Ratio Lower Upper
101 100
85 47.1 40.6 60.8
151 75.7 64.9 97.3



#10
Methyl Iodide
Concen: 36.350 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY008882.D
Acq: 19 May 2022 20:51

Tgt Ion:142 Resp: 40581
Ion Ratio Lower Upper
142 100
127 45.9 41.5 62.3
141 14.5 11.9 17.9

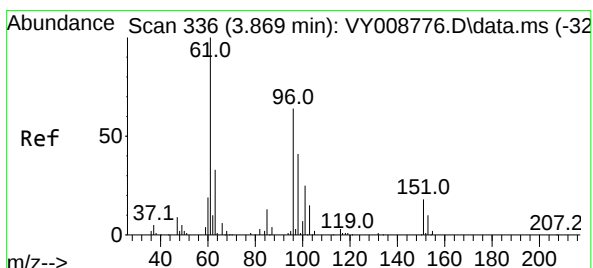
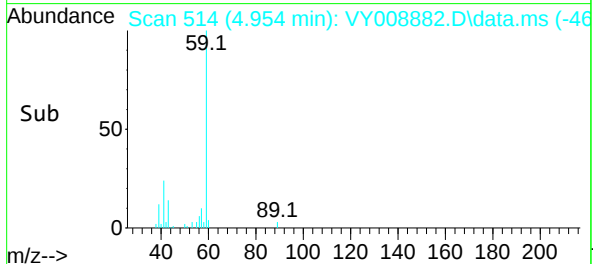
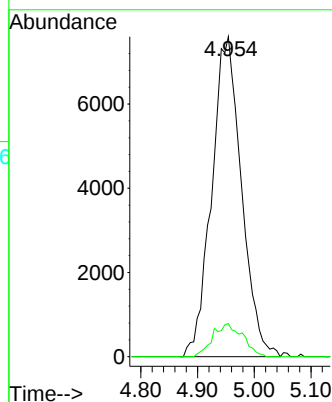
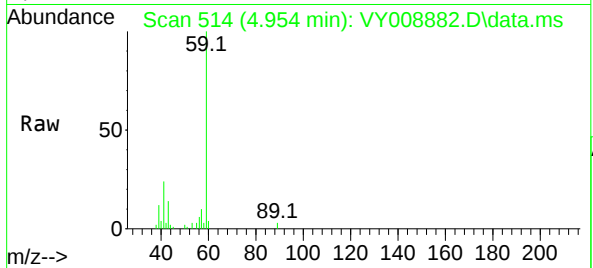




#11
Tert butyl alcohol
Concen: 250.541 ug/l
RT: 4.954 min Scan# 512
Delta R.T. 0.012 min
Lab File: VY008882.D
Acq: 19 May 2022 20:51

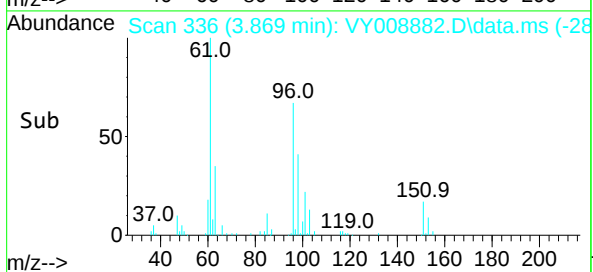
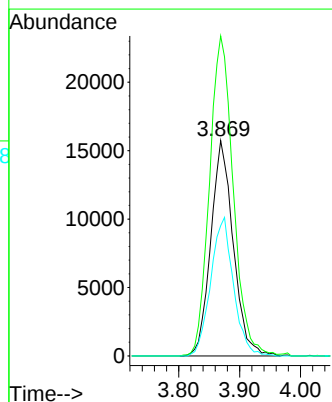
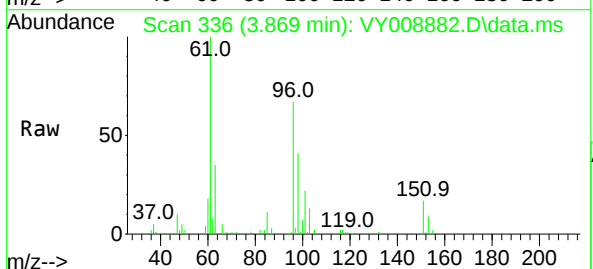
Instrument :
MSVOA_Y
ClientSampleId :
N2868-16MSDMSD

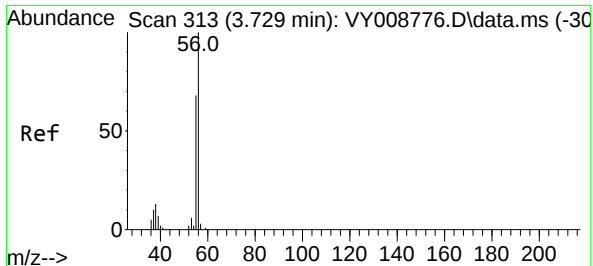
Tgt Ion: 59 Resp: 27681
Ion Ratio Lower Upper
59 100
57 10.4 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 44.125 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.000 min
Lab File: VY008882.D
Acq: 19 May 2022 20:51

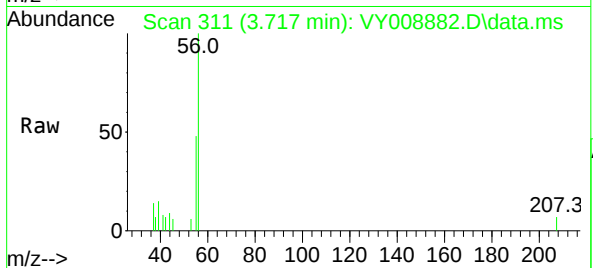
Tgt Ion: 96 Resp: 40346
Ion Ratio Lower Upper
96 100
61 148.6 145.8 218.6
98 60.5 52.5 78.7



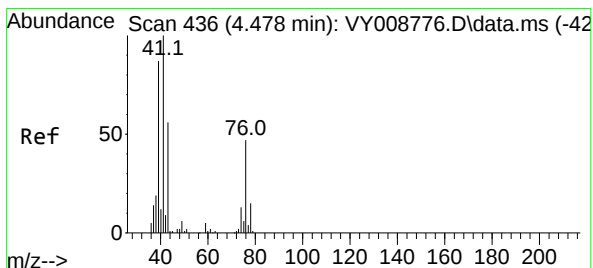
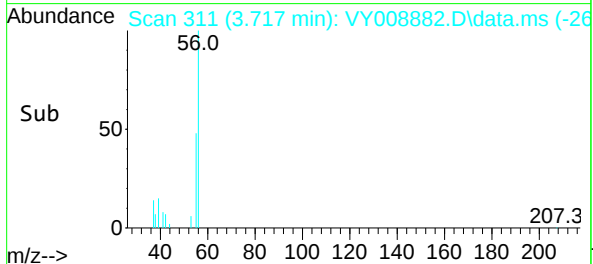
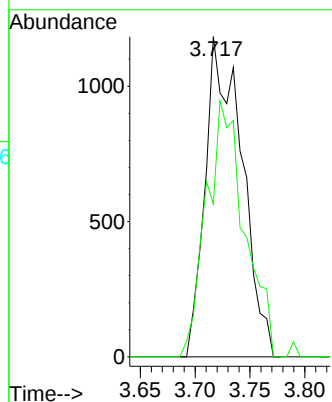


#13
Acrolein
Concen: 49.857 ug/l
RT: 3.717 min Scan# 311
Delta R.T. -0.012 min
Lab File: VY008882.D
Acq: 19 May 2022 20:51

Instrument :
MSVOA_Y
ClientSampleId :
N2868-16MSDMSD

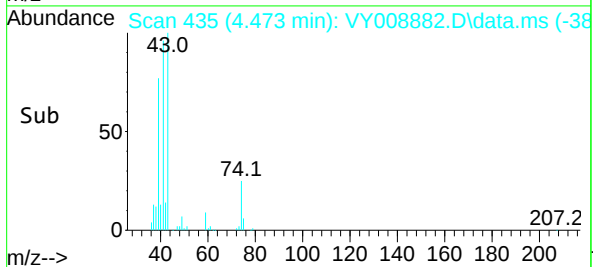
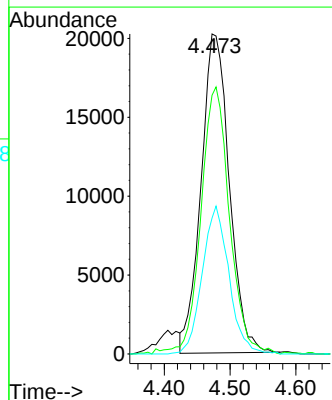
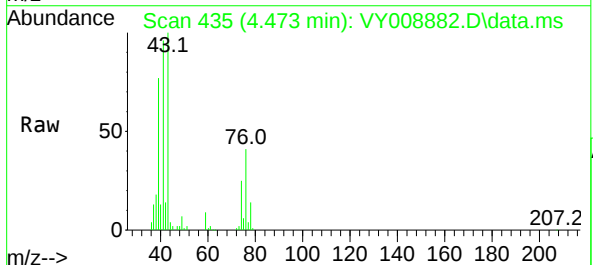


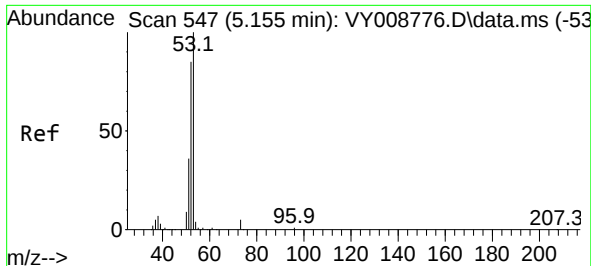
Tgt Ion: 56 Resp: 2725
Ion Ratio Lower Upper
56 100
55 83.9 57.6 86.4



#14
Allyl chloride
Concen: 44.995 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY008882.D
Acq: 19 May 2022 20:51

Tgt Ion: 41 Resp: 60516
Ion Ratio Lower Upper
41 100
39 84.8 58.8 88.2
76 43.8 25.1 37.7#

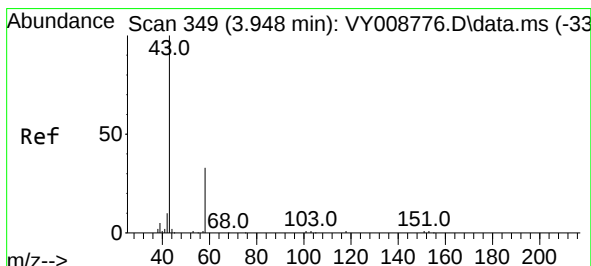
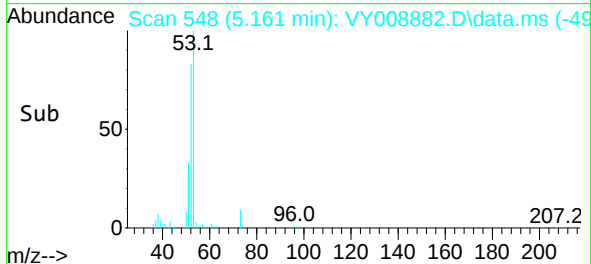
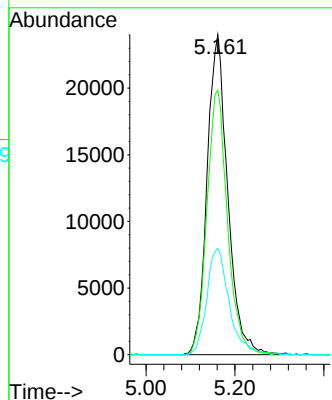
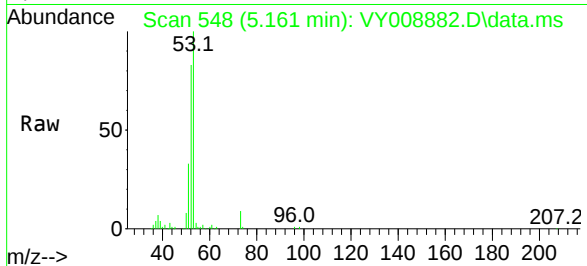




#15
Acrylonitrile
Concen: 239.370 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY008882.D
Acq: 19 May 2022 20:51

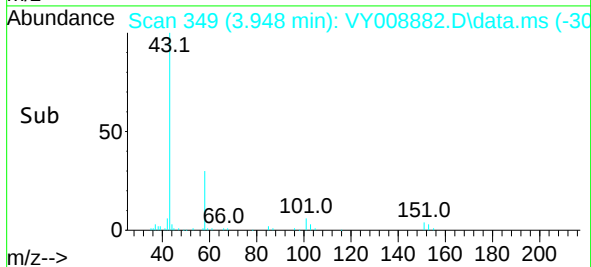
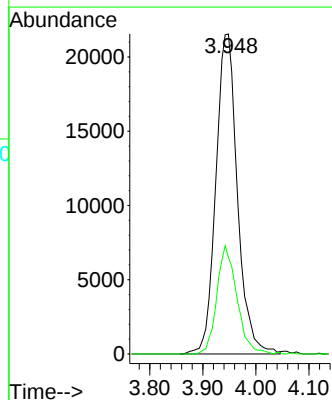
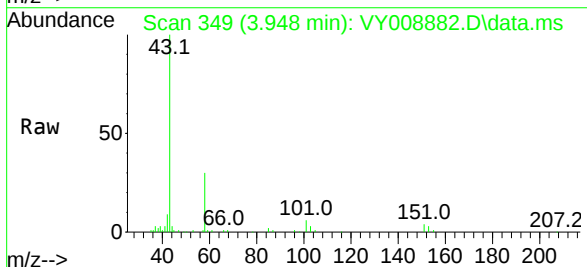
Instrument :
MSVOA_Y
ClientSampleId :
N2868-16MSDMSD

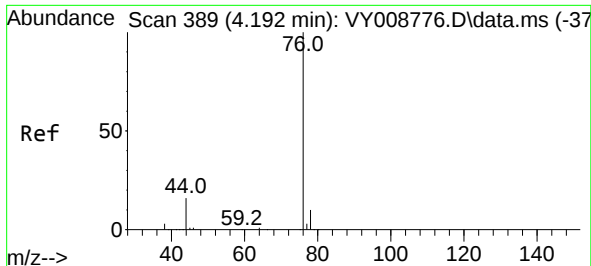
Tgt Ion: 53 Resp: 77500
Ion Ratio Lower Upper
53 100
52 82.6 67.0 100.4
51 36.0 29.8 44.6



#16
Acetone
Concen: 275.624 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY008882.D
Acq: 19 May 2022 20:51

Tgt Ion: 43 Resp: 60856
Ion Ratio Lower Upper
43 100
58 30.3 22.0 33.0

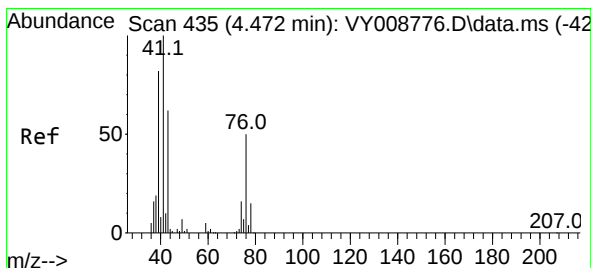
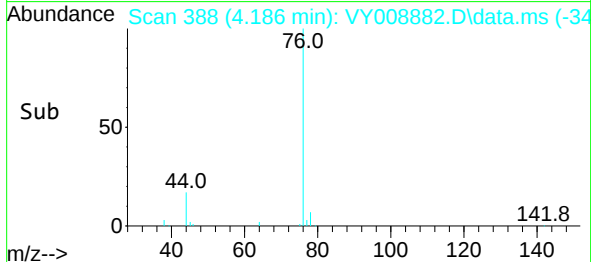
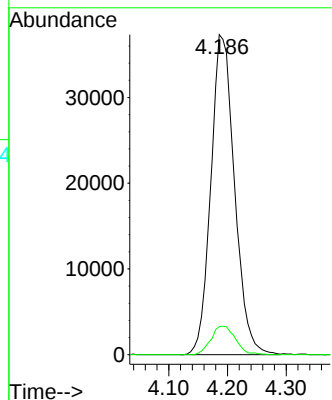
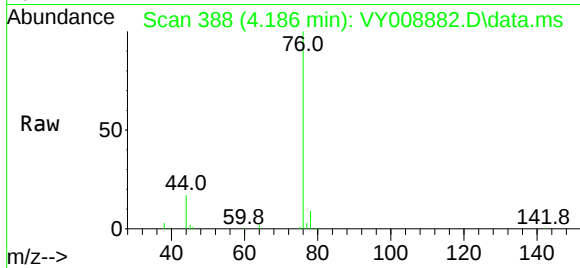




#17
Carbon Disulfide
Concen: 44.077 ug/l
RT: 4.186 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY008882.D
Acq: 19 May 2022 20:51

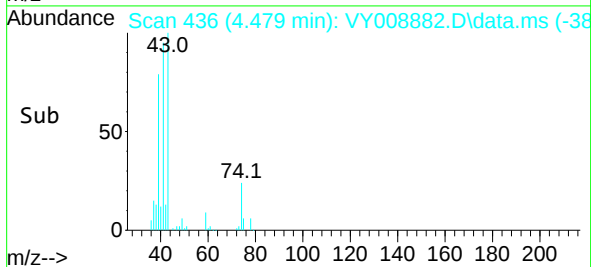
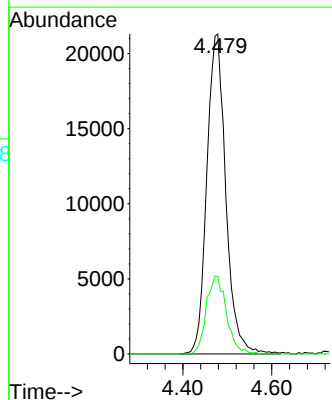
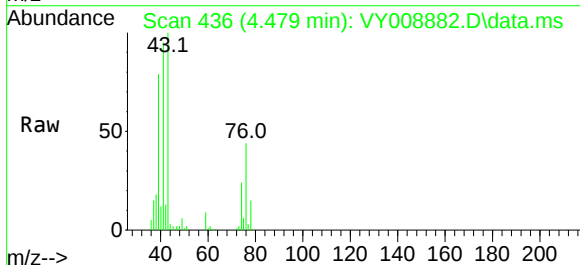
Instrument :
MSVOA_Y
ClientSampleId :
N2868-16MSDMSD

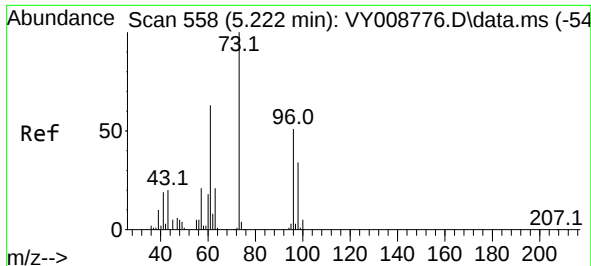
Tgt Ion: 76 Resp: 104587
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0



#18
Methyl Acetate
Concen: 92.920 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.007 min
Lab File: VY008882.D
Acq: 19 May 2022 20:51

Tgt Ion: 43 Resp: 63126
Ion Ratio Lower Upper
43 100
74 25.7 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 58.607 ug/l

RT: 5.216 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY008882.D

Acq: 19 May 2022 20:51

Instrument :

MSVOA_Y

ClientSampleId :

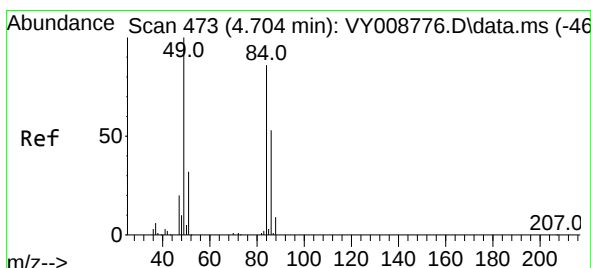
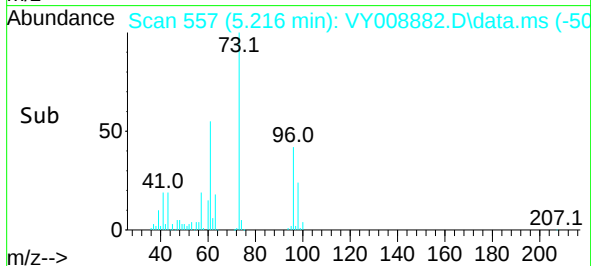
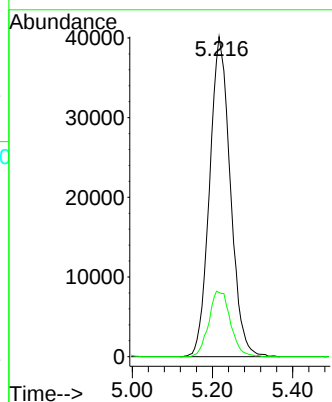
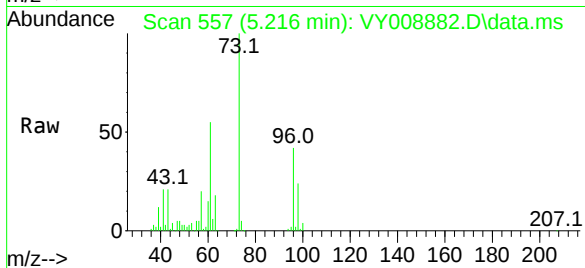
N2868-16MSDMSD

Tgt Ion: 73 Resp: 144326

Ion Ratio Lower Upper

73 100

57 20.1 18.6 27.8



#20

Methylene Chloride

Concen: 54.396 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.006 min

Lab File: VY008882.D

Acq: 19 May 2022 20:51

Tgt Ion: 84 Resp: 55451

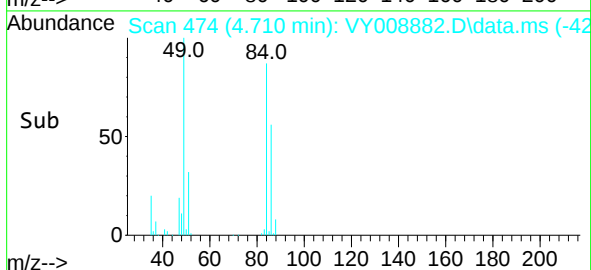
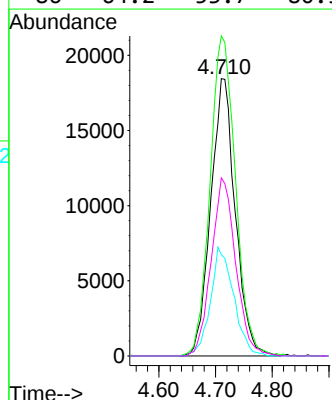
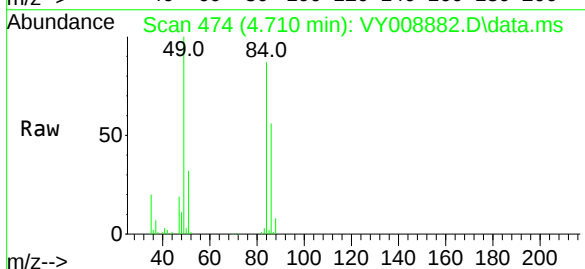
Ion Ratio Lower Upper

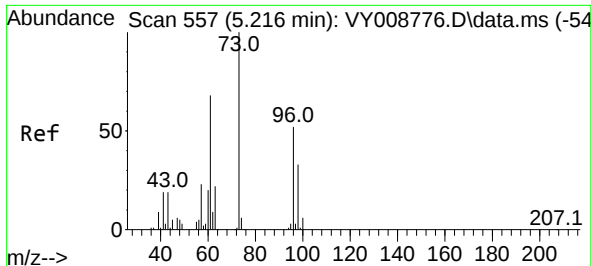
84 100

49 115.4 114.4 171.6

51 36.5 35.3 52.9

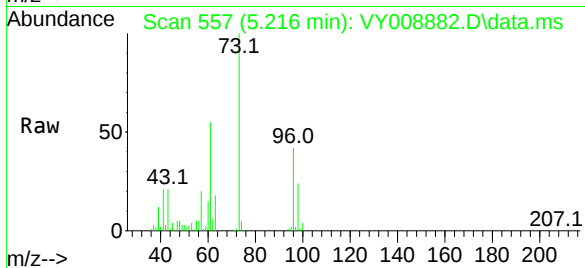
86 64.2 53.7 80.5



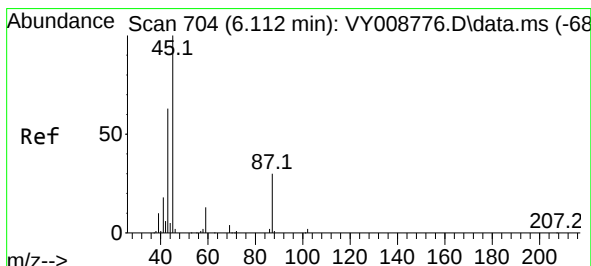
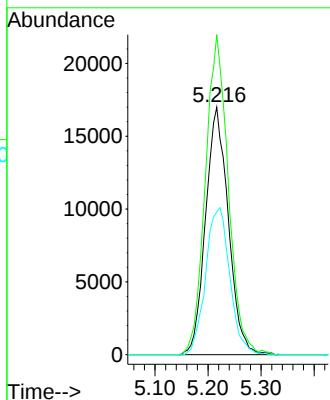
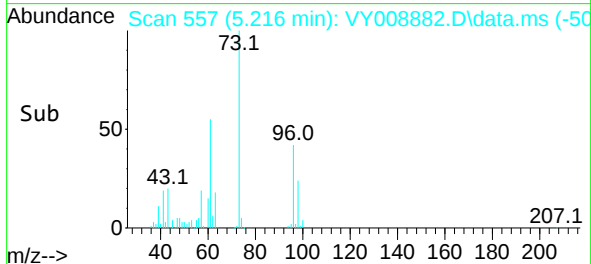


#21
trans-1,2-Dichloroethene
Concen: 45.289 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY008882.D
Acq: 19 May 2022 20:51

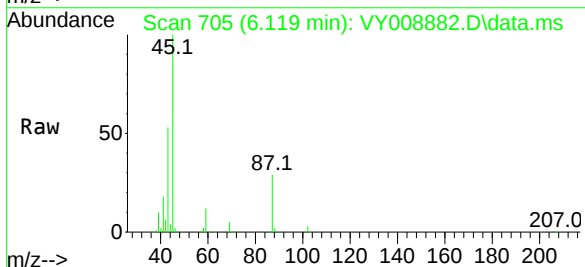
Instrument :
MSVOA_Y
ClientSampleId :
N2868-16MSDMSD



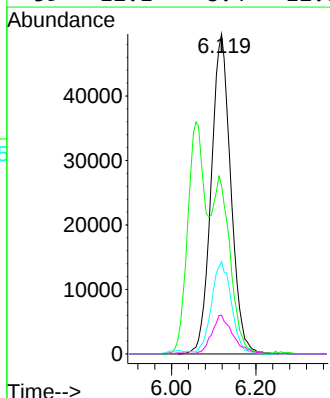
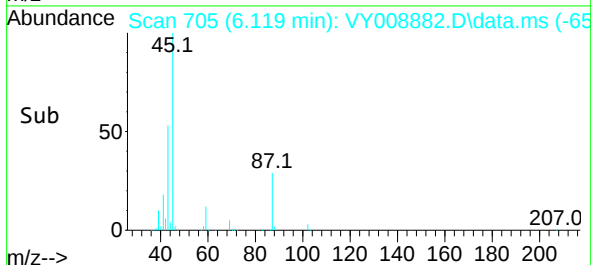
Tgt Ion: 96 Resp: 50775
Ion Ratio Lower Upper
96 100
61 129.3 120.5 180.7
98 57.6 49.8 74.8

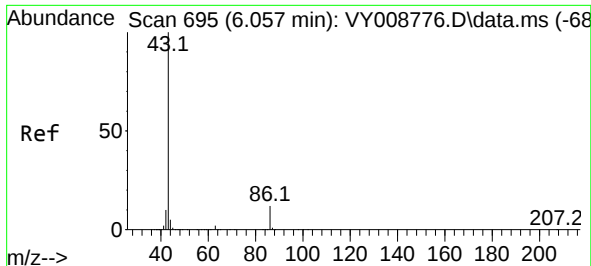


#22
Diisopropyl ether
Concen: 56.107 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY008882.D
Acq: 19 May 2022 20:51



Tgt Ion: 45 Resp: 159810
Ion Ratio Lower Upper
45 100
43 52.3 49.3 73.9
87 29.0 19.2 28.8#
59 12.1 8.4 12.6

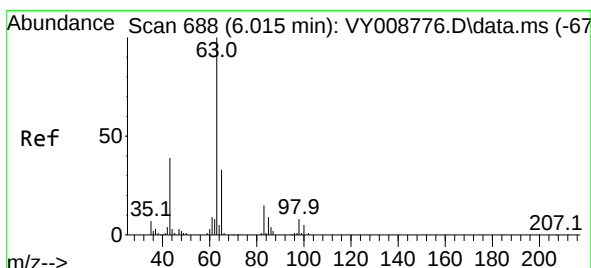
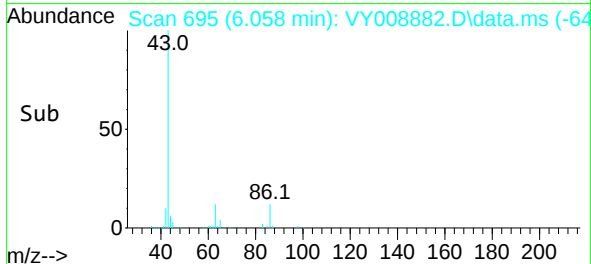
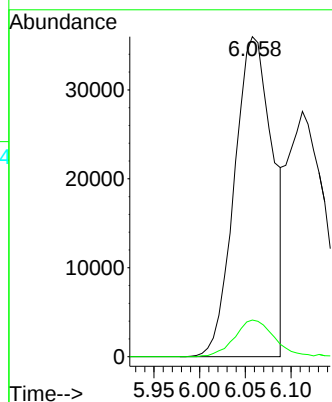
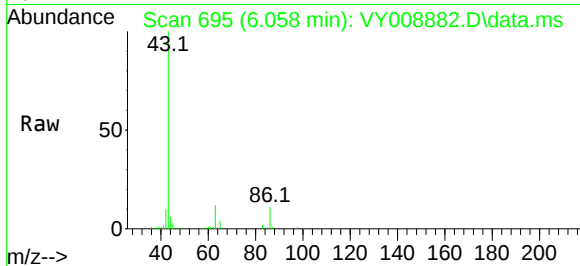




#23
 Vinyl Acetate
 Concen: 52.096 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY008882.D
 Acq: 19 May 2022 20:51

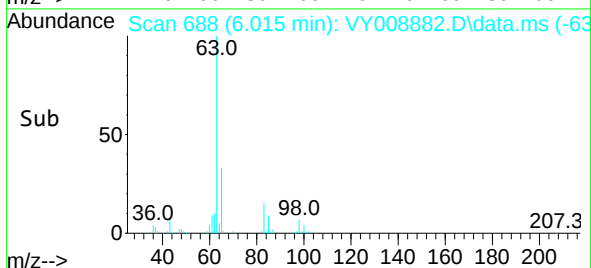
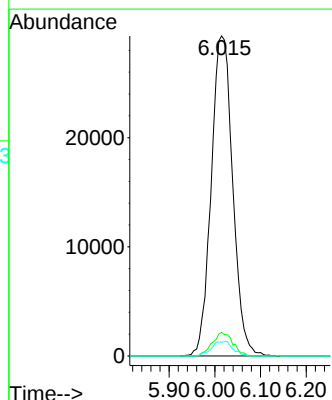
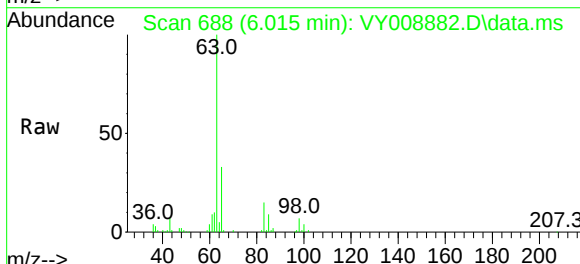
Instrument :
 MSVOA_Y
 ClientSampleId :
 N2868-16MSDMSD

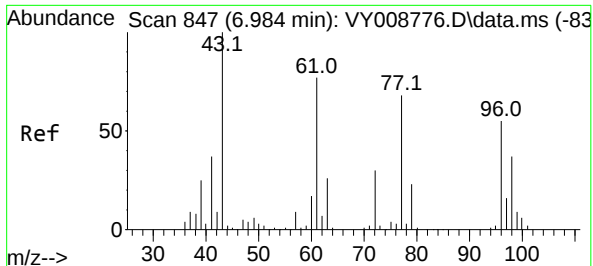
Tgt Ion: 43 Resp: 104624
 Ion Ratio Lower Upper
 43 100
 86 11.4 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 50.726 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY008882.D
 Acq: 19 May 2022 20:51

Tgt Ion: 63 Resp: 95871
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.8
 100 4.3 2.0 5.8





#25

2-Butanone

Concen: 250.805 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY008882.D

Acq: 19 May 2022 20:51

Instrument :

MSVOA_Y

ClientSampleId :

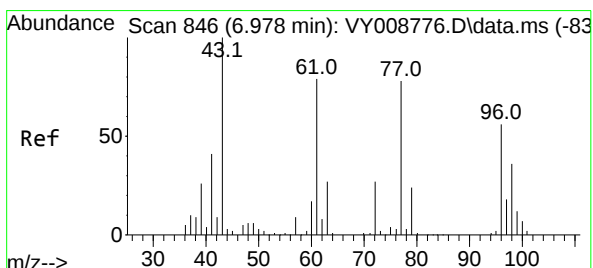
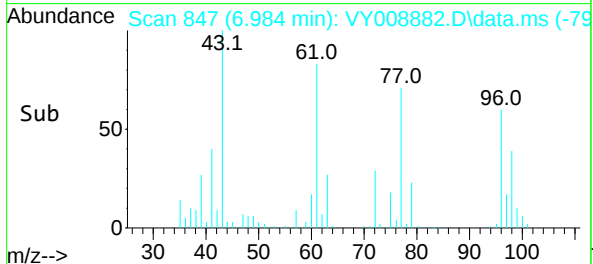
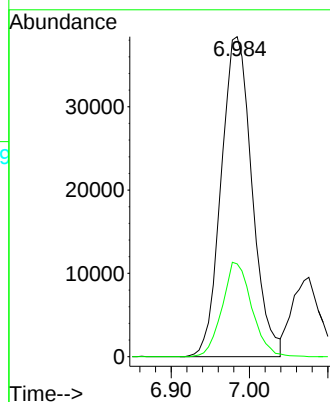
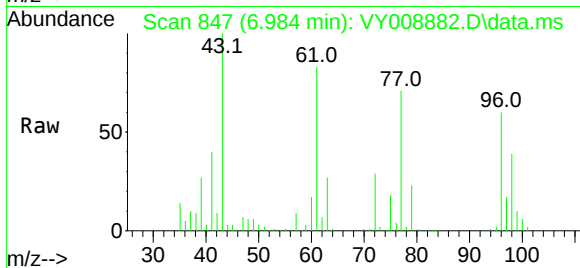
N2868-16MSDMSD

Tgt Ion: 43 Resp: 105219

Ion Ratio Lower Upper

43 100

72 29.0 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 46.561 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY008882.D

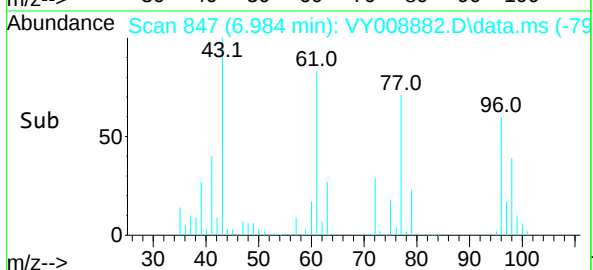
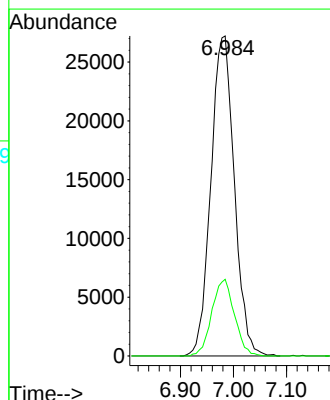
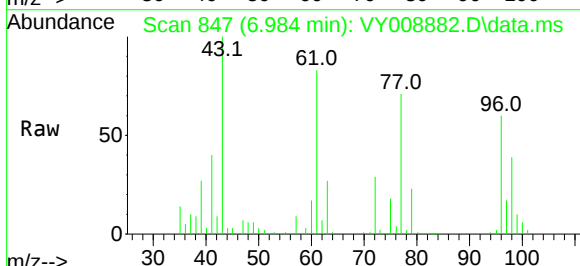
Acq: 19 May 2022 20:51

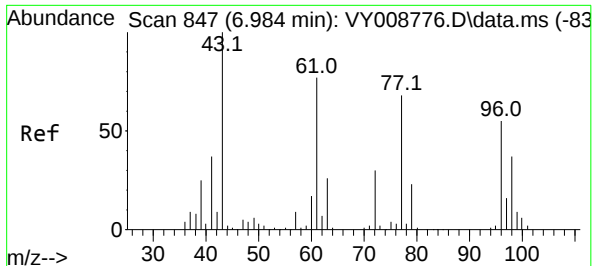
Tgt Ion: 77 Resp: 83638

Ion Ratio Lower Upper

77 100

97 23.1 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 49.525 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY008882.D

Acq: 19 May 2022 20:51

Instrument :

MSVOA_Y

ClientSampleId :

N2868-16MSDMSD

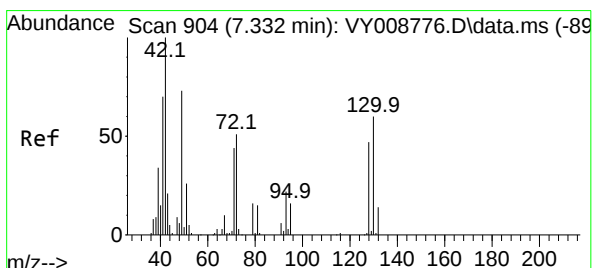
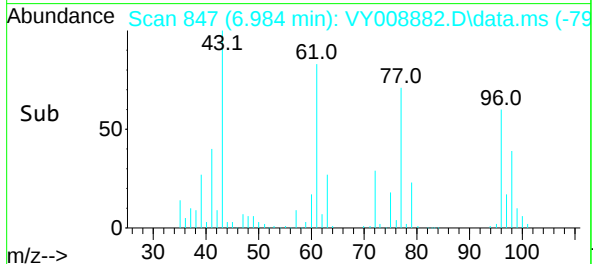
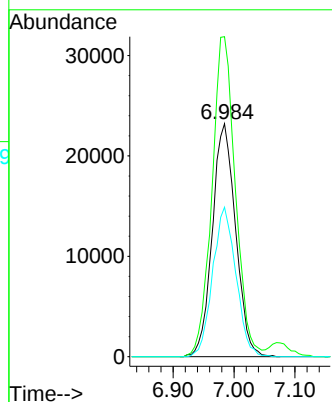
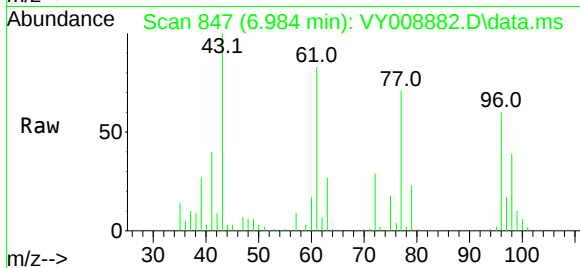
Tgt Ion: 96 Resp: 61584

Ion Ratio Lower Upper

96 100

61 138.1 0.0 319.8

98 64.2 0.0 127.0



#28

Bromochloromethane

Concen: 57.065 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY008882.D

Acq: 19 May 2022 20:51

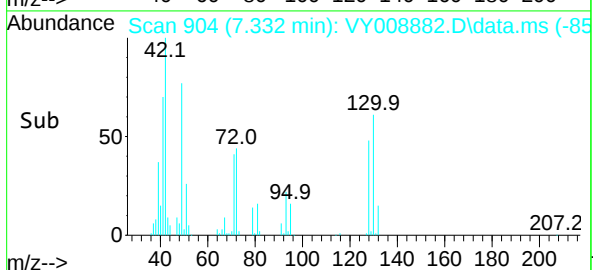
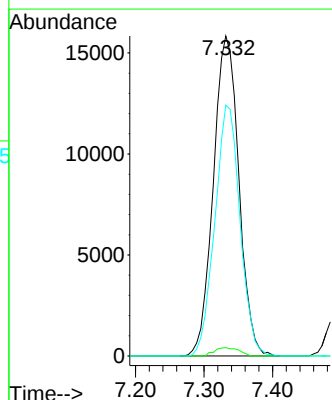
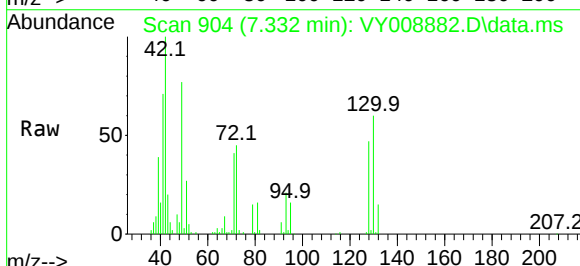
Tgt Ion: 49 Resp: 40889

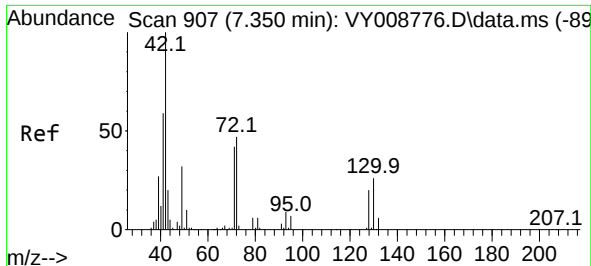
Ion Ratio Lower Upper

49 100

129 2.5 0.0 2.2#

130 77.2 55.4 83.0





#29

Tetrahydrofuran

Concen: 257.030 ug/l

RT: 7.344 min Scan# 907

Delta R.T. -0.006 min

Lab File: VY008882.D

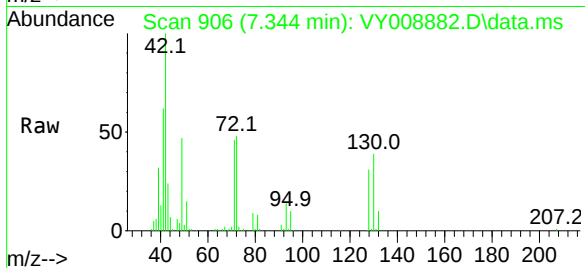
Acq: 19 May 2022 20:51

Instrument :

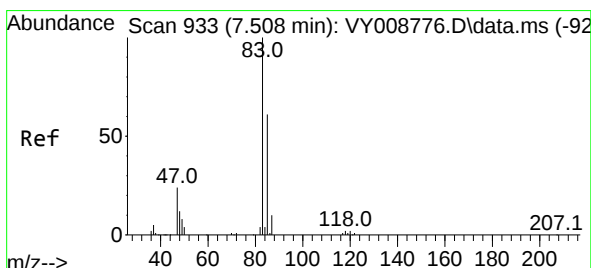
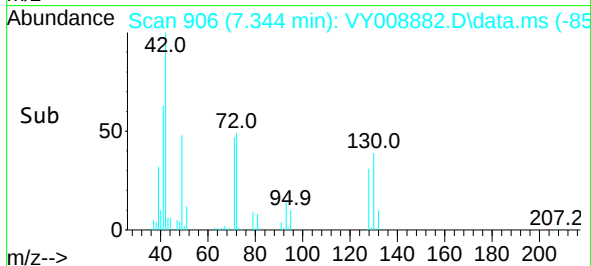
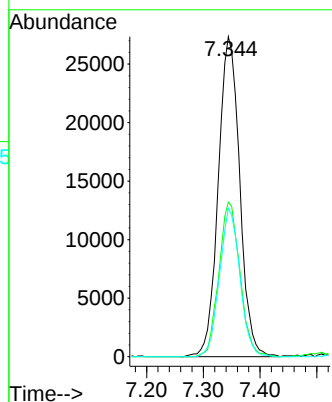
MSVOA_Y

ClientSampleId :

N2868-16MSDMSD



Tgt Ion:	42	Resp:	71832
Ion Ratio	Lower	Upper	
42	100		
72	47.5	30.3	45.5#
71	44.1	29.0	43.4#



#30

Chloroform

Concen: 50.879 ug/l

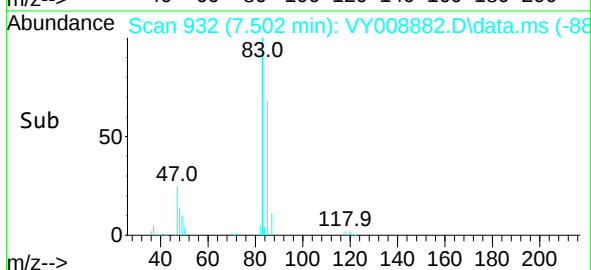
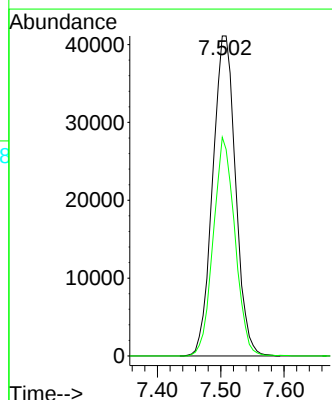
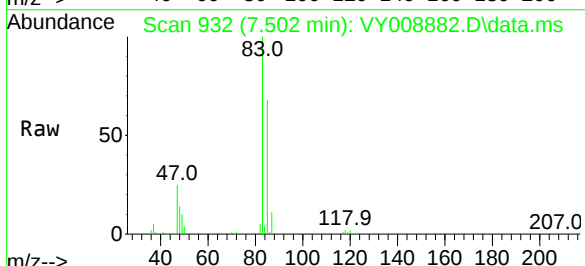
RT: 7.502 min Scan# 932

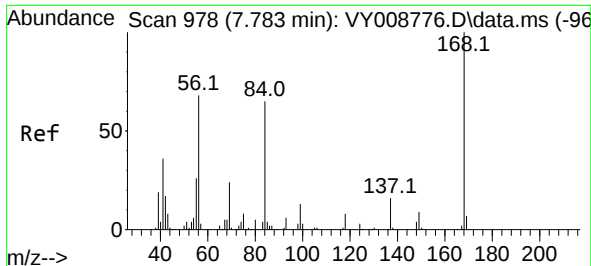
Delta R.T. -0.006 min

Lab File: VY008882.D

Acq: 19 May 2022 20:51

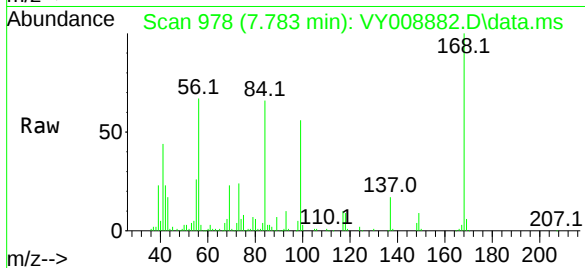
Tgt Ion:	83	Resp:	103099
Ion Ratio	Lower	Upper	
83	100		
85	68.3	51.8	77.6



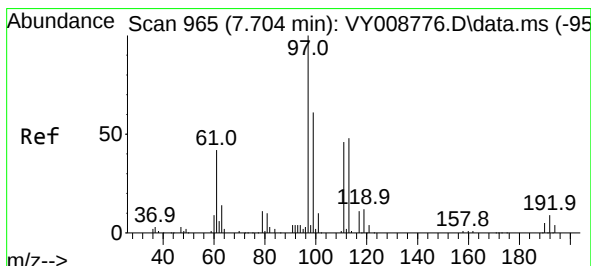
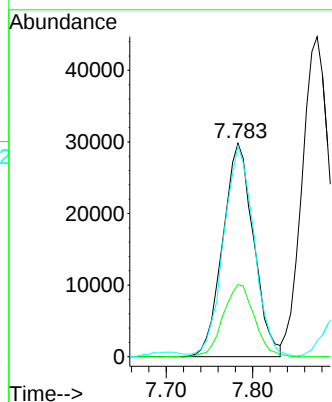
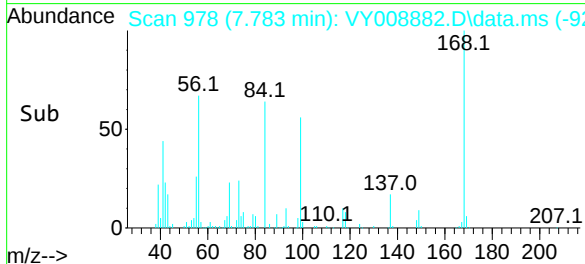


#31
Cyclohexane
Concen: 46.456 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008882.D
Acq: 19 May 2022 20:51

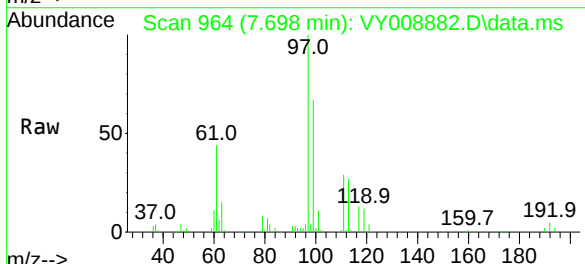
Instrument :
MSVOA_Y
ClientSampleId :
N2868-16MSDMSD



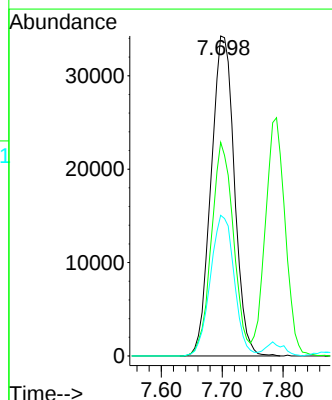
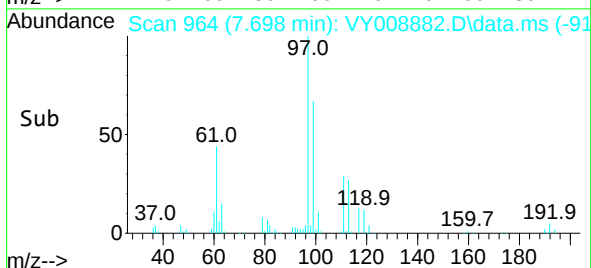
Tgt Ion: 56 Resp: 73704
Ion Ratio Lower Upper
56 100
69 33.7 26.7 40.1
84 97.4 67.2 100.8

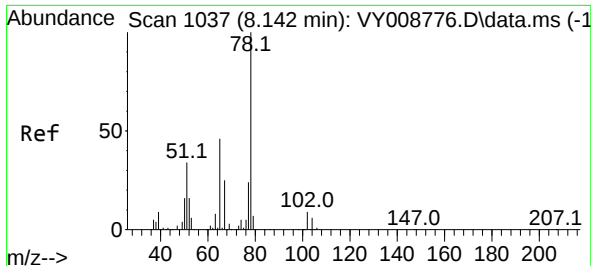


#32
1,1,1-Trichloroethane
Concen: 48.409 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY008882.D
Acq: 19 May 2022 20:51



Tgt Ion: 97 Resp: 90949
Ion Ratio Lower Upper
97 100
99 63.6 50.7 76.1
61 45.1 37.6 56.4

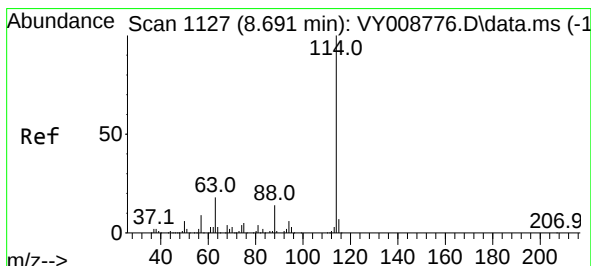
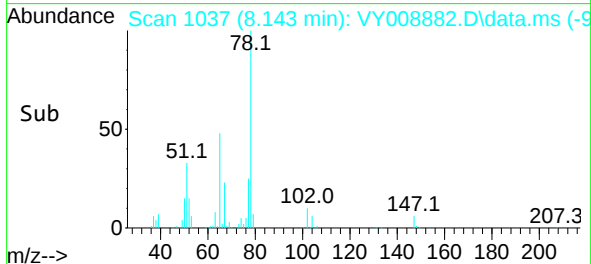
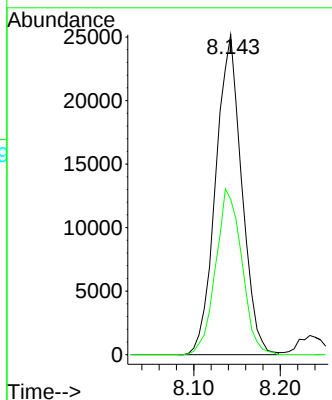
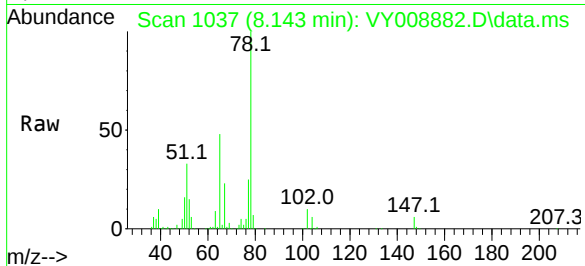




#33
 1,2-Dichloroethane-d4
 Concen: 52.597 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VY008882.D
 Acq: 19 May 2022 20:51

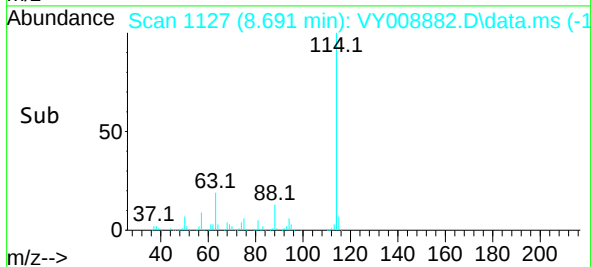
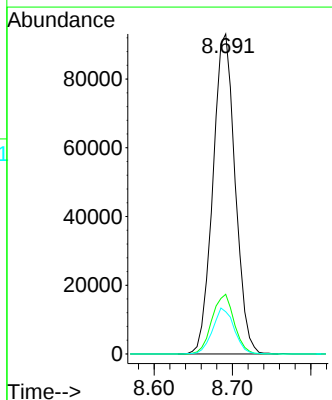
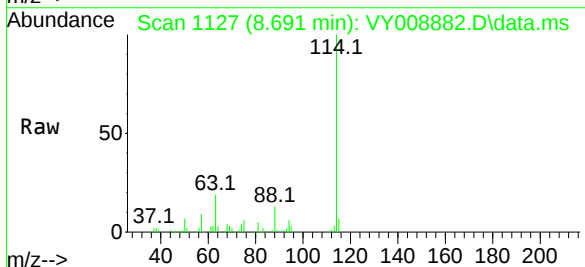
Instrument :
 MSVOA_Y
 ClientSampleId :
 N2868-16MSDMSD

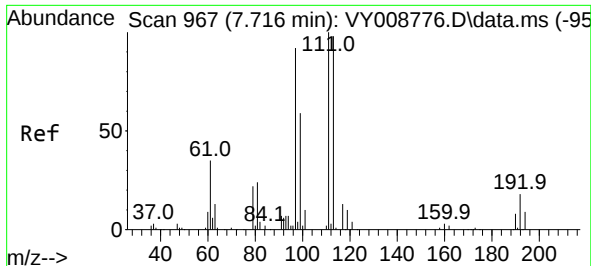
Tgt Ion: 65 Resp: 52580
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY008882.D
 Acq: 19 May 2022 20:51

Tgt Ion: 114 Resp: 183831
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 43.2
 88 13.2 0.0 31.8

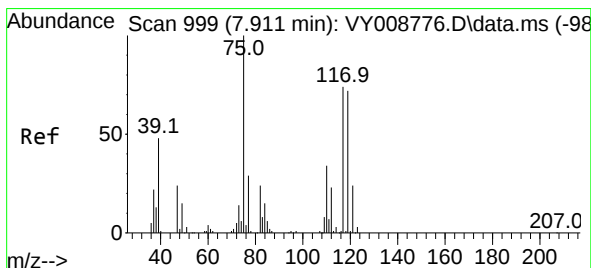
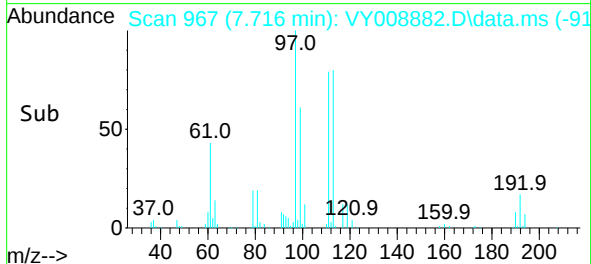
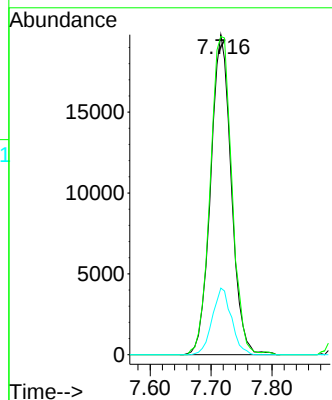
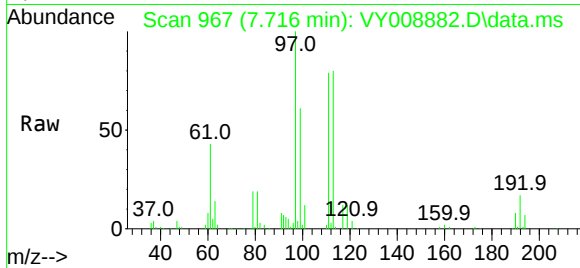




#35
 Dibromofluoromethane
 Concen: 43.325 ug/l
 RT: 7.716 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VY008882.D
 Acq: 19 May 2022 20:51

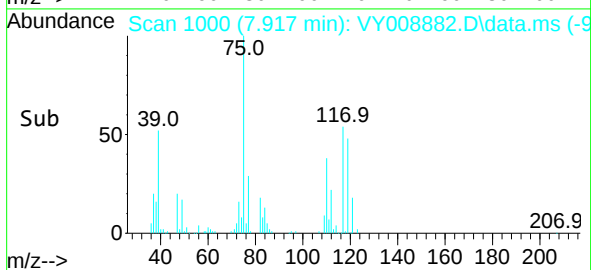
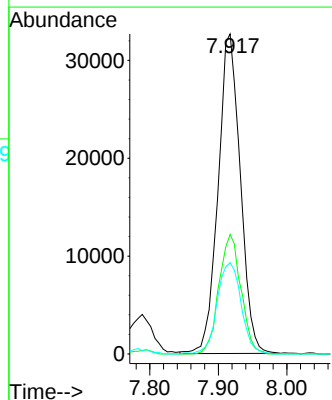
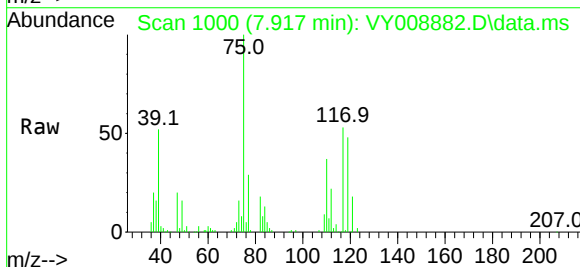
Instrument :
 MSVOA_Y
 ClientSampleId :
 N2868-16MSDMSD

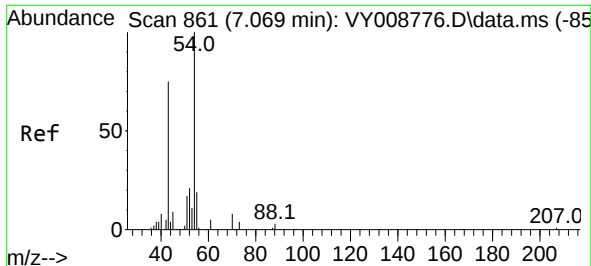
Tgt Ion:113 Resp: 46535
 Ion Ratio Lower Upper
 113 100
 111 104.1 82.6 124.0
 192 19.3 17.6 26.4



#36
 1,1-Dichloropropene
 Concen: 42.659 ug/l
 RT: 7.917 min Scan# 1000
 Delta R.T. 0.006 min
 Lab File: VY008882.D
 Acq: 19 May 2022 20:51

Tgt Ion: 75 Resp: 73385
 Ion Ratio Lower Upper
 75 100
 110 37.0 17.1 51.2
 77 30.9 24.4 36.6

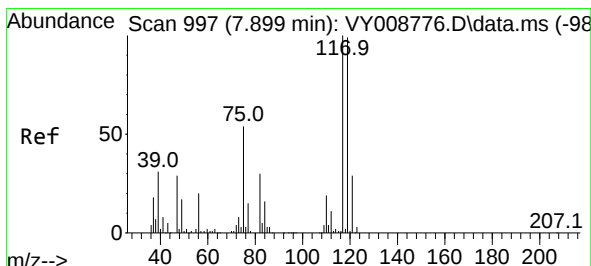
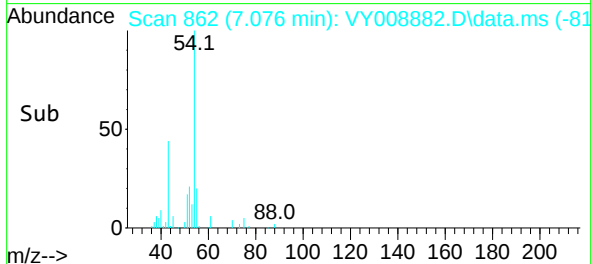
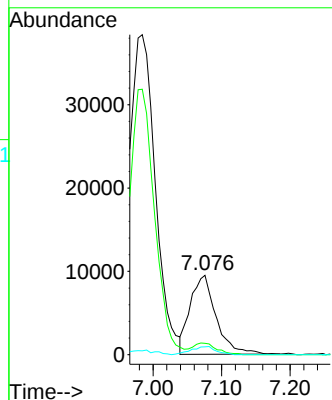
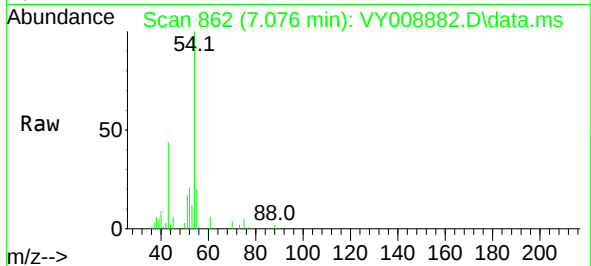




#37
Ethyl Acetate
Concen: 24.340 ug/l
RT: 7.076 min Scan# 861
Delta R.T. 0.006 min
Lab File: VY008882.D
Acq: 19 May 2022 20:51

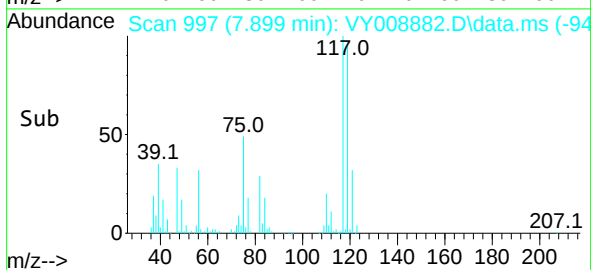
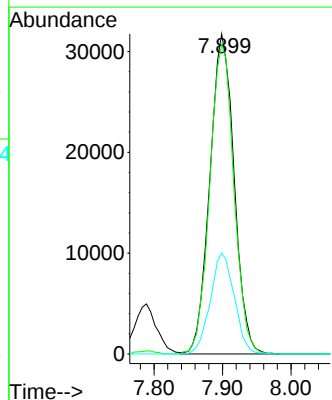
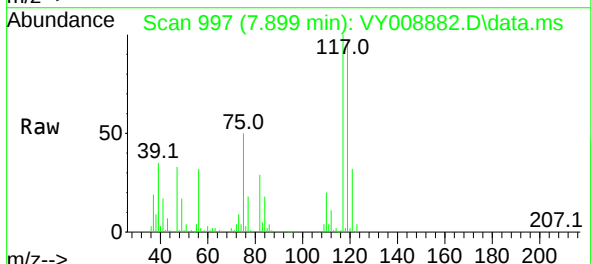
Instrument :
MSVOA_Y
ClientSampleId :
N2868-16MSDMSD

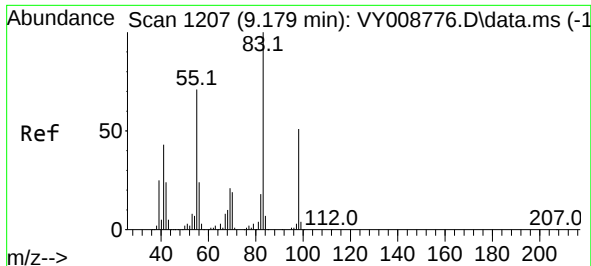
Tgt Ion: 43 Resp: 24952
Ion Ratio Lower Upper
43 100
61 14.2 9.7 14.5
70 9.9 7.1 10.7



#38
Carbon Tetrachloride
Concen: 42.304 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY008882.D
Acq: 19 May 2022 20:51

Tgt Ion: 117 Resp: 77993
Ion Ratio Lower Upper
117 100
119 96.7 77.9 116.9
121 31.5 24.8 37.2





#39

Methylcyclohexane

Concen: 39.210 ug/l

RT: 9.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008882.D

Acq: 19 May 2022 20:51

Instrument :

MSVOA_Y

ClientSampleId :

N2868-16MSDMSD

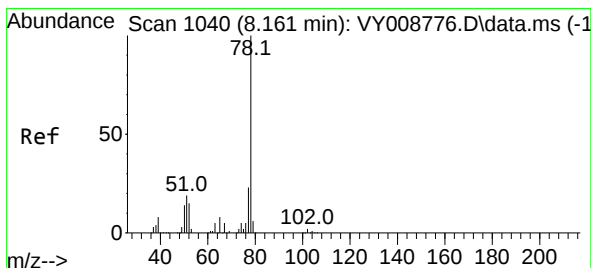
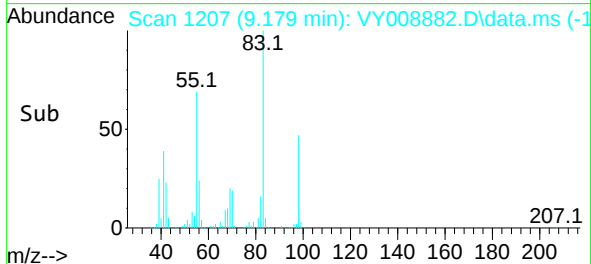
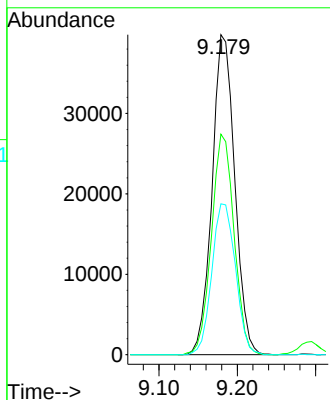
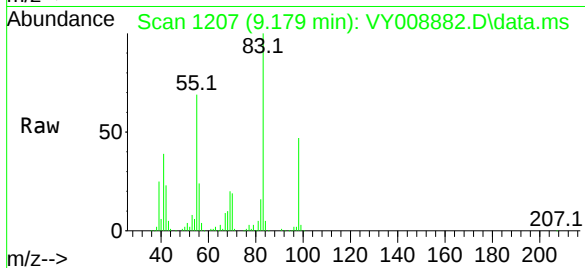
Tgt Ion: 83 Resp: 79991

Ion Ratio Lower Upper

83 100

55 68.9 66.5 99.7

98 47.2 37.9 56.9



#40

Benzene

Concen: 46.692 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY008882.D

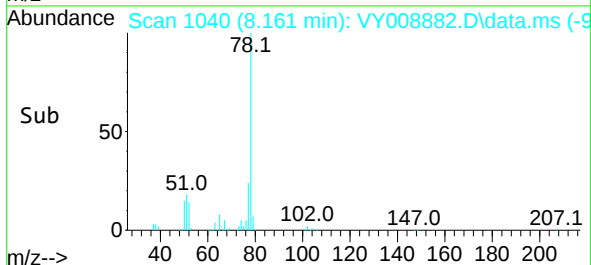
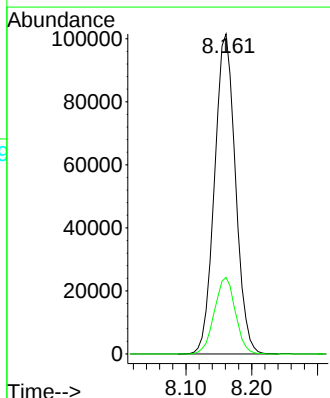
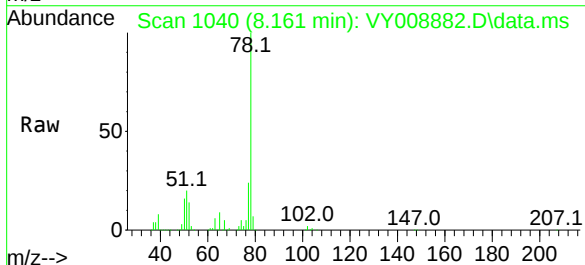
Acq: 19 May 2022 20:51

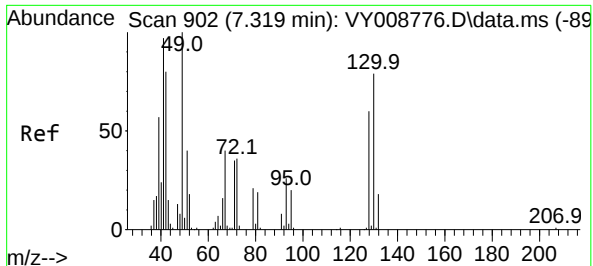
Tgt Ion: 78 Resp: 224753

Ion Ratio Lower Upper

78 100

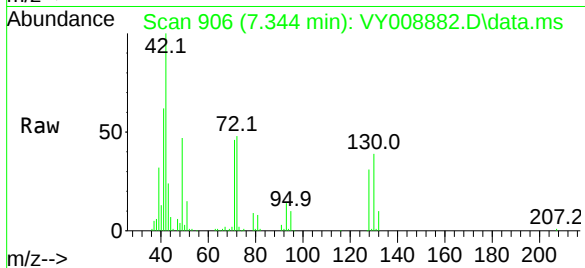
77 23.9 20.4 30.6



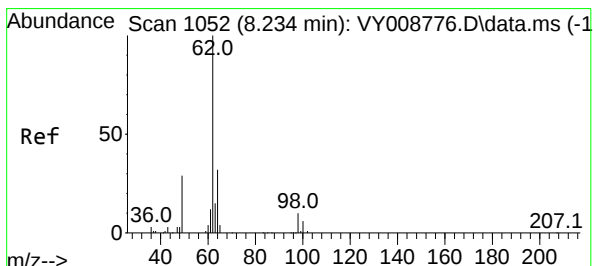
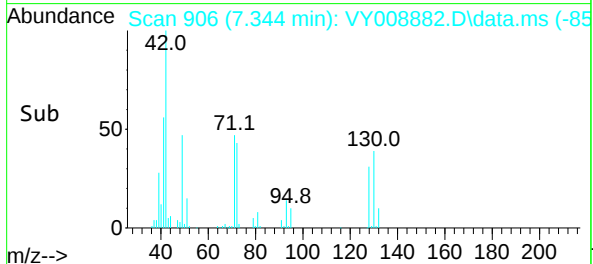
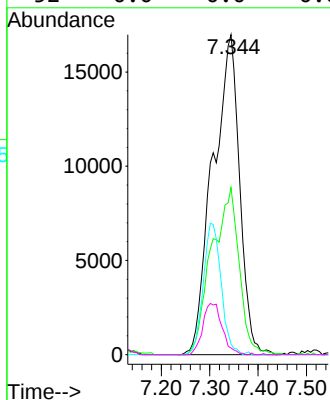


#41
Methacrylonitrile
Concen: 121.103 ug/l
RT: 7.344 min Scan# 90
Delta R.T. 0.025 min
Lab File: VY008882.D
Acq: 19 May 2022 20:51

Instrument :
MSVOA_Y
ClientSampleId :
N2868-16MSDMSD

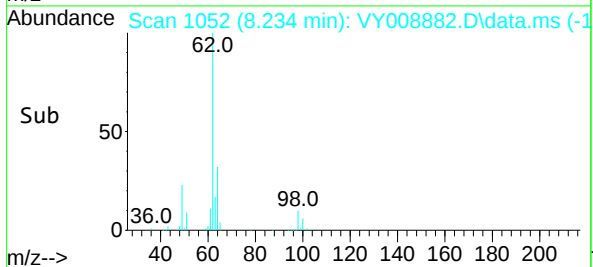
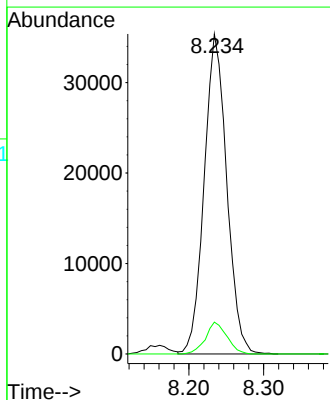
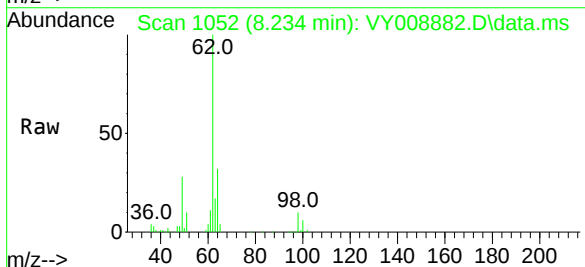


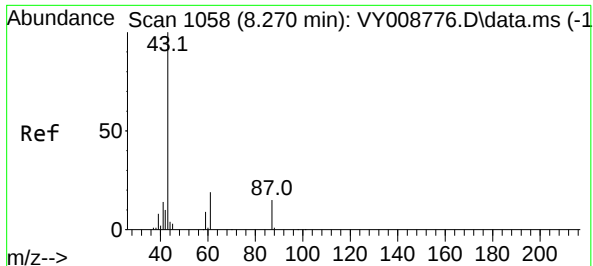
Tgt Ion: 41 Resp: 65289
Ion Ratio Lower Upper
41 100
39 53.5 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 52.439 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY008882.D
Acq: 19 May 2022 20:51

Tgt Ion: 62 Resp: 74095
Ion Ratio Lower Upper
62 100
98 9.4 0.0 14.8





#43

Isopropyl Acetate

Concen: 39.057 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VY008882.D

Acq: 19 May 2022 20:51

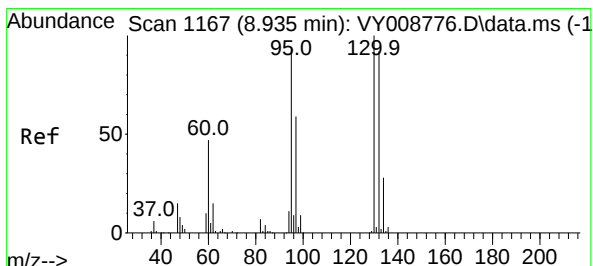
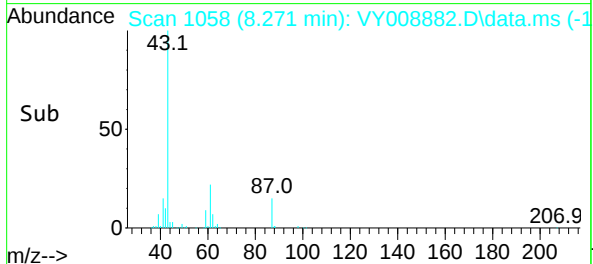
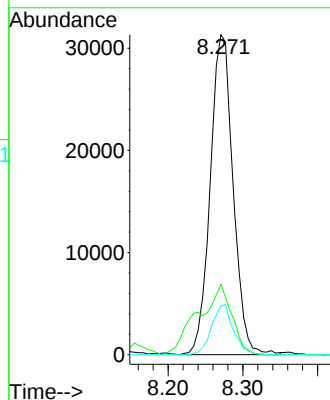
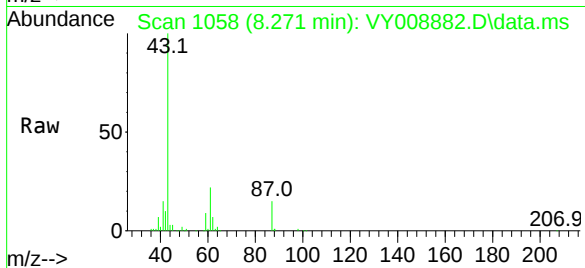
Instrument :

MSVOA_Y

ClientSampleId :

N2868-16MSDMSD

Tgt Ion: 43	Resp: 66654
Ion Ratio	Lower Upper
43 100	
61 32.4	20.2 30.2#
87 14.9	8.9 13.3#



#44

Trichloroethene

Concen: 44.605 ug/l

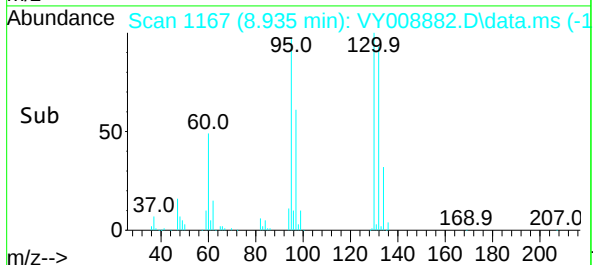
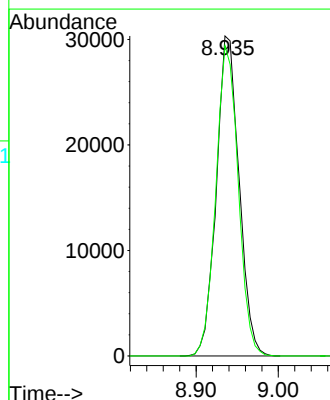
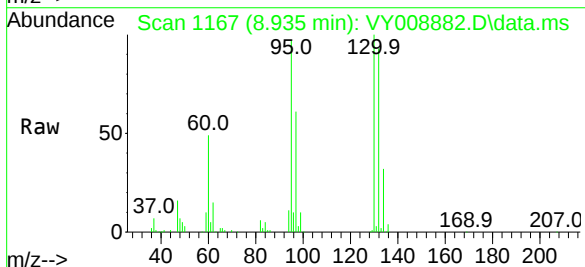
RT: 8.935 min Scan# 1167

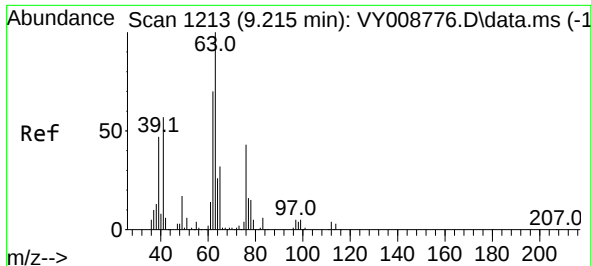
Delta R.T. 0.000 min

Lab File: VY008882.D

Acq: 19 May 2022 20:51

Tgt Ion: 130	Resp: 58405
Ion Ratio	Lower Upper
130 100	
95 96.9	0.0 188.2





#45

1,2-Dichloropropane

Concen: 51.548 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY008882.D

Acq: 19 May 2022 20:51

Instrument :

MSVOA_Y

ClientSampleId :

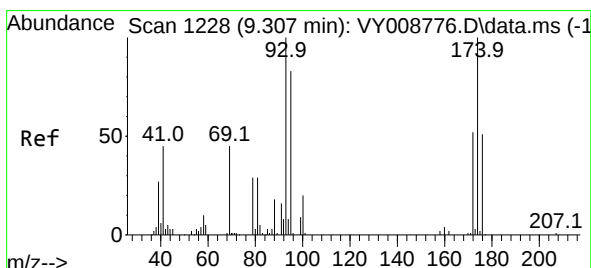
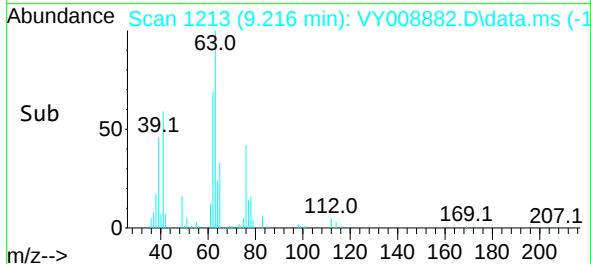
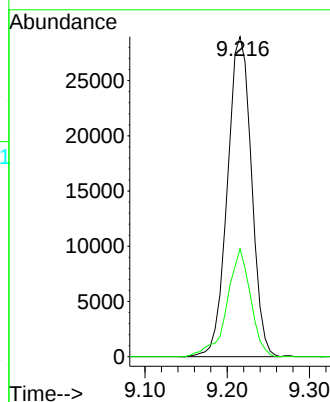
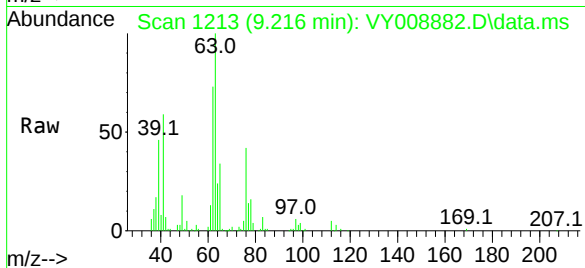
N2868-16MSDMSD

Tgt Ion: 63 Resp: 58970

Ion Ratio Lower Upper

63 100

65 33.6 23.0 34.6



#46

Dibromomethane

Concen: 51.309 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY008882.D

Acq: 19 May 2022 20:51

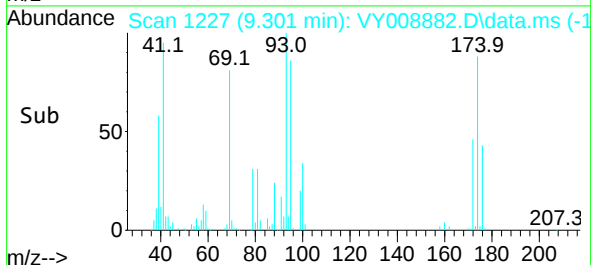
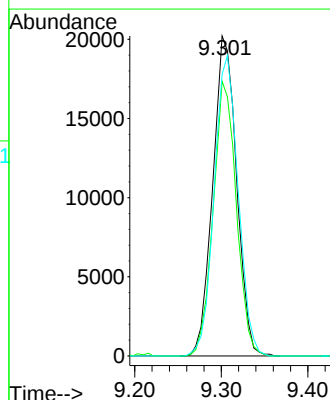
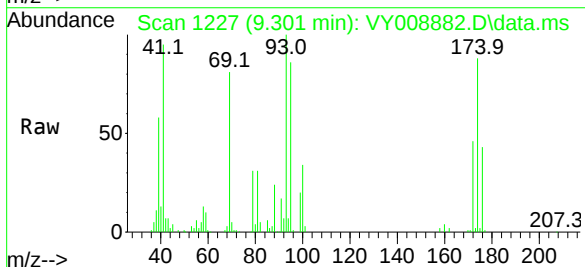
Tgt Ion: 93 Resp: 38570

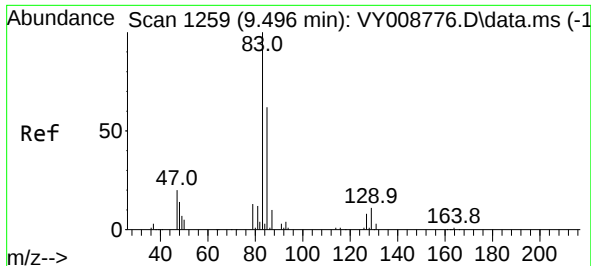
Ion Ratio Lower Upper

93 100

95 83.5 64.3 96.5

174 94.5 83.4 125.0

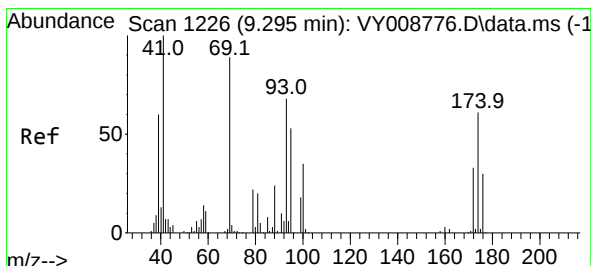
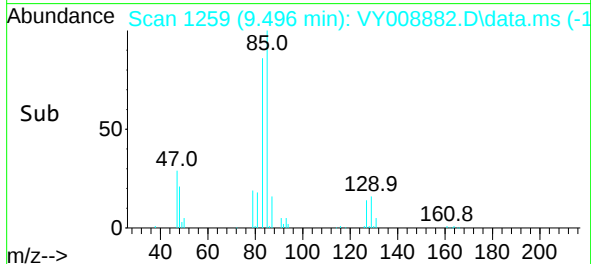
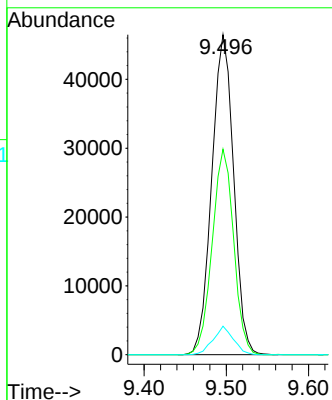
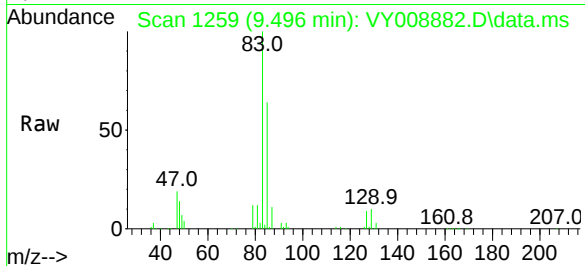




#47
Bromodichloromethane
Concen: 51.482 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY008882.D
Acq: 19 May 2022 20:51

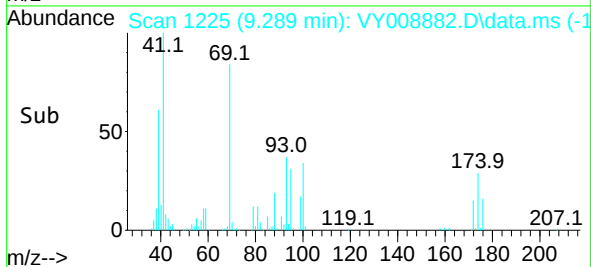
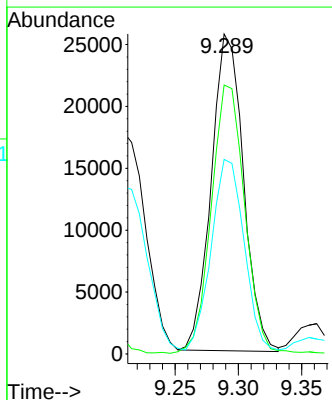
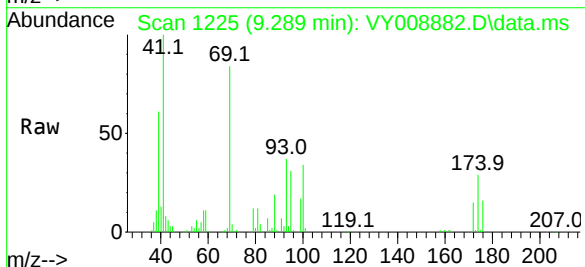
Instrument :
MSVOA_Y
ClientSampleId :
N2868-16MSDMSD

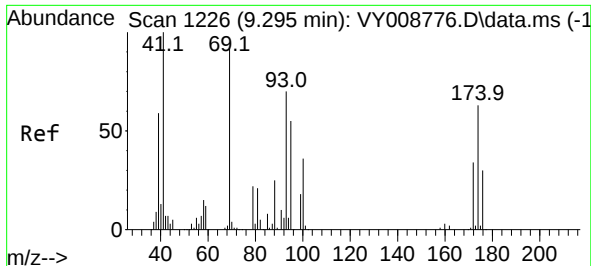
Tgt Ion:	83	Resp:	85793
Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.9	77.9
127	8.9	6.6	10.0



#48
Methyl methacrylate
Concen: 60.405 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY008882.D
Acq: 19 May 2022 20:51

Tgt Ion:	41	Resp:	45264
Ion	Ratio	Lower	Upper
41	100		
69	87.9	58.2	87.2#
39	63.9	47.4	71.0





#49

1,4-Dioxane

Concen: 1004.784 ug/l

RT: 9.289 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY008882.D

Acq: 19 May 2022 20:51

Instrument :

MSVOA_Y

ClientSampleId :

N2868-16MSDMSD

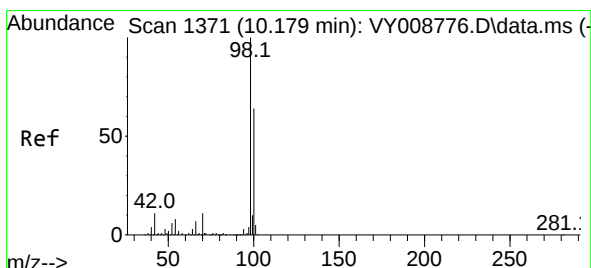
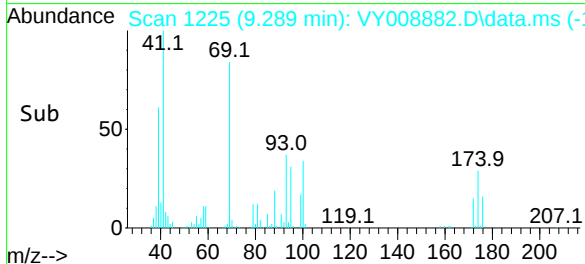
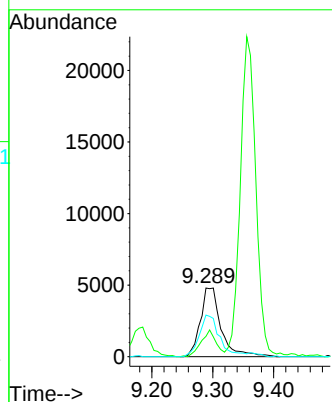
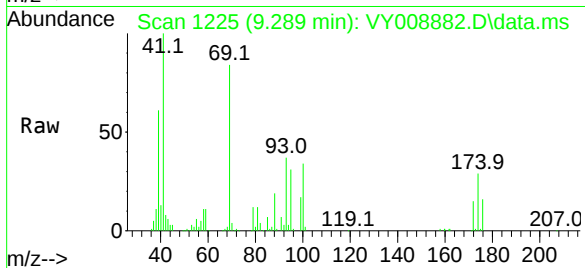
Tgt Ion: 88 Resp: 11345

Ion Ratio Lower Upper

88 100

43 28.7 32.8 49.2#

58 59.3 59.8 89.6#



#50

Toluene-d8

Concen: 39.694 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY008882.D

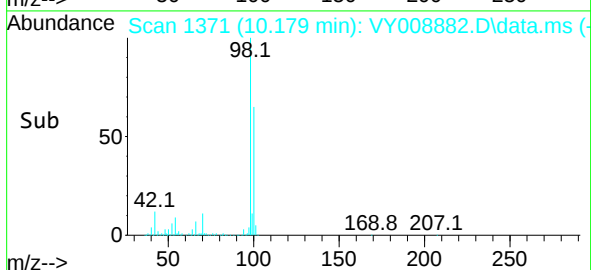
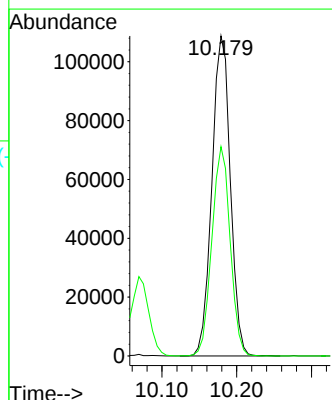
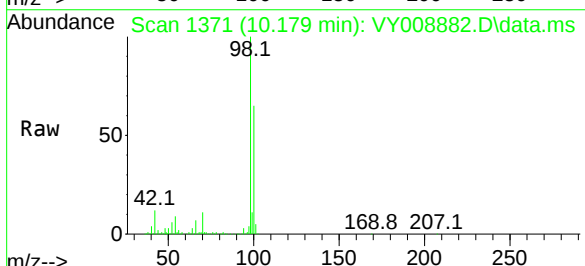
Acq: 19 May 2022 20:51

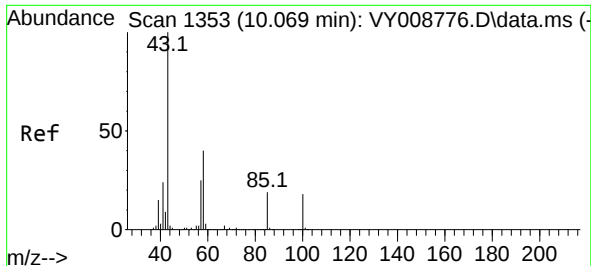
Tgt Ion: 98 Resp: 186179

Ion Ratio Lower Upper

98 100

100 65.0 50.2 75.2

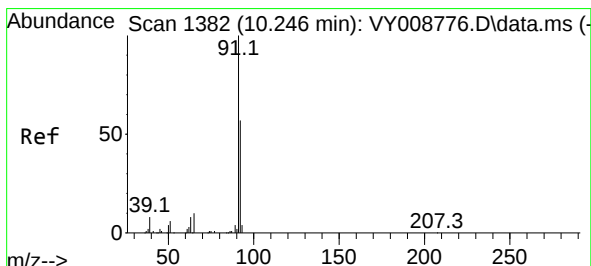
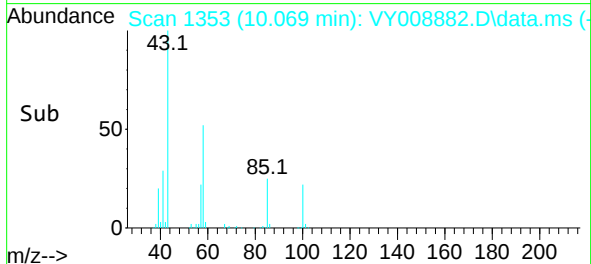
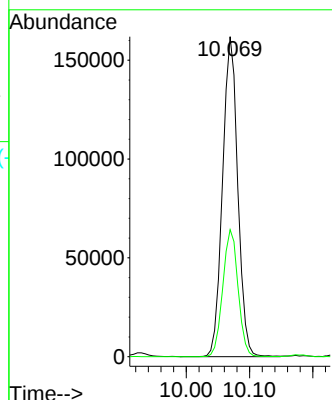
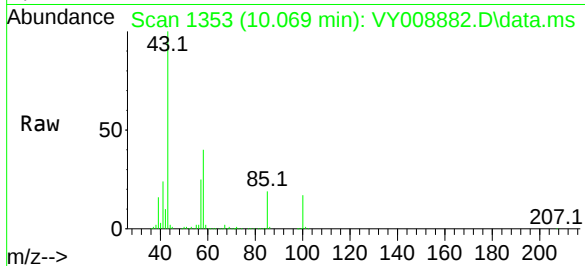




#51
4-Methyl-2-Pentanone
Concen: 267.571 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY008882.D
Acq: 19 May 2022 20:51

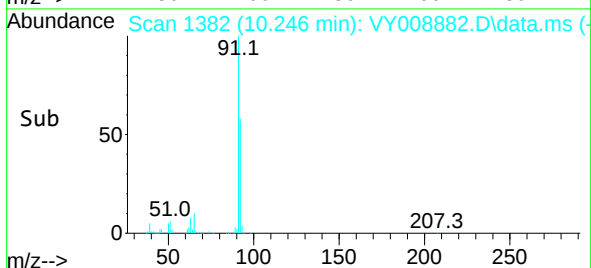
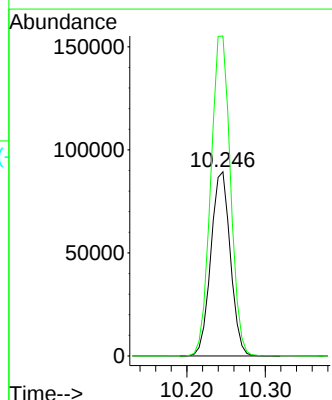
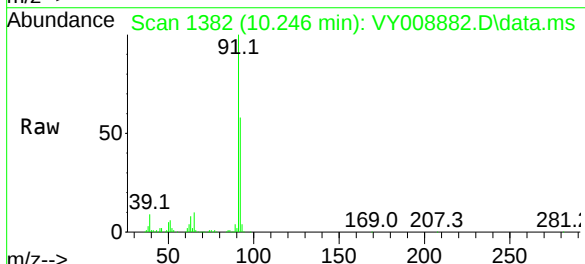
Instrument :
MSVOA_Y
ClientSampleId :
N2868-16MSDMSD

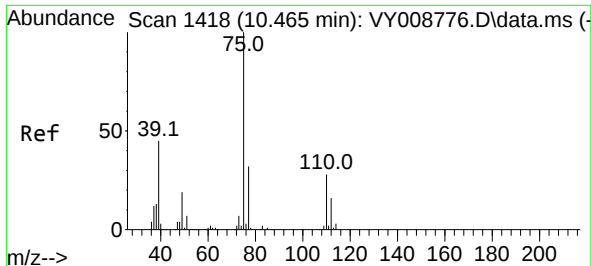
Tgt Ion: 43 Resp: 269569
Ion Ratio Lower Upper
43 100
58 39.7 28.1 42.1



#52
Toluene
Concen: 47.115 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY008882.D
Acq: 19 May 2022 20:51

Tgt Ion: 92 Resp: 154105
Ion Ratio Lower Upper
92 100
91 175.9 142.6 213.8

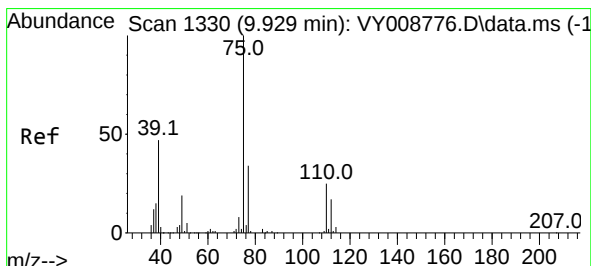
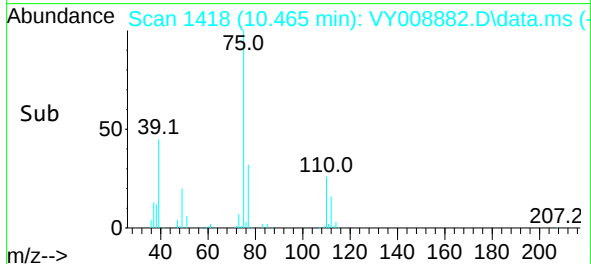
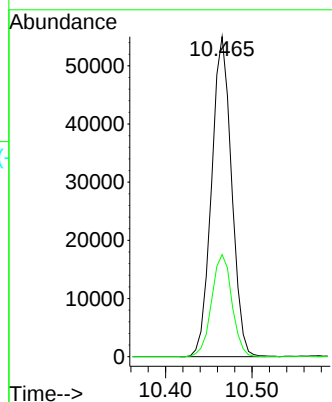
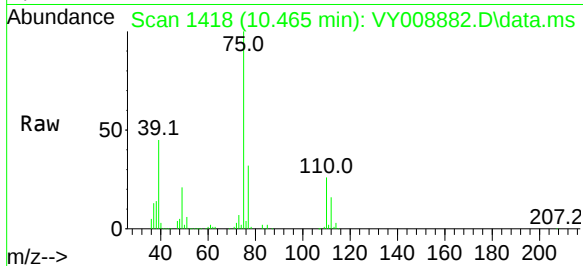




#53
t-1,3-Dichloropropene
Concen: 51.077 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY008882.D
Acq: 19 May 2022 20:51

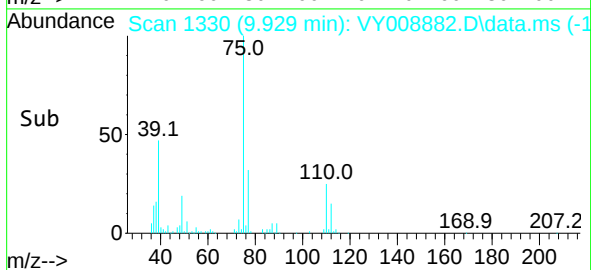
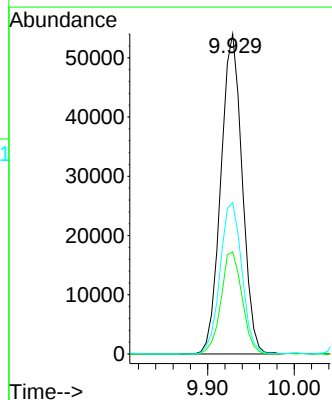
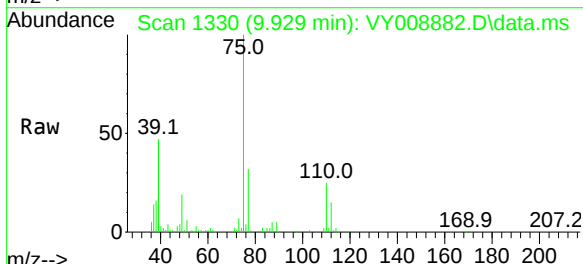
Instrument :
MSVOA_Y
ClientSampleId :
N2868-16MSDMSD

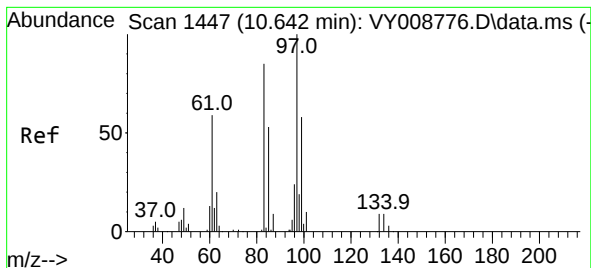
Tgt Ion: 75 Resp: 88411
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 49.471 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY008882.D
Acq: 19 May 2022 20:51

Tgt Ion: 75 Resp: 92340
Ion Ratio Lower Upper
75 100
77 31.9 25.6 38.4
39 47.3 47.6 71.4#

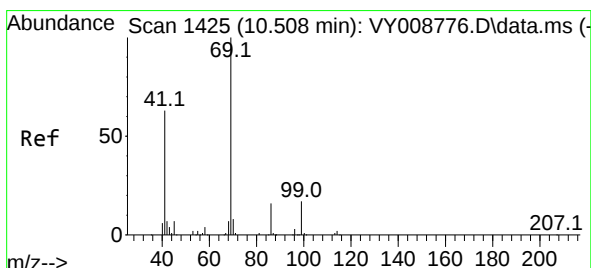
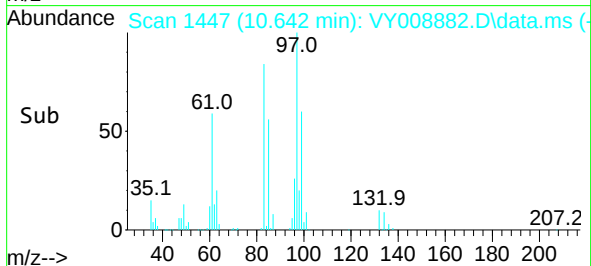
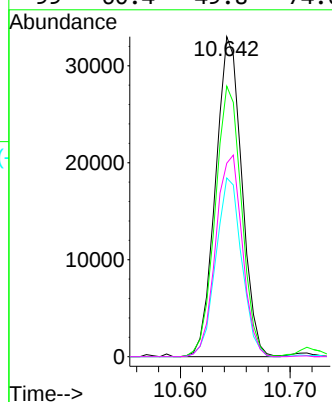
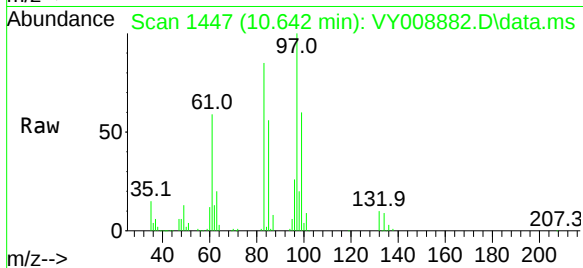




#55
1,1,2-Trichloroethane
Concen: 53.805 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY008882.D
Acq: 19 May 2022 20:51

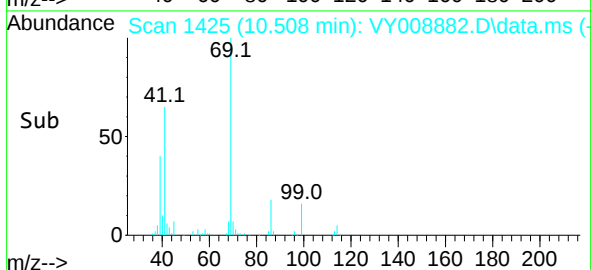
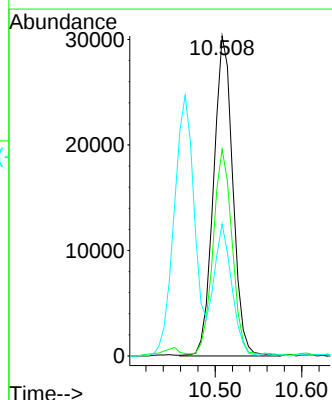
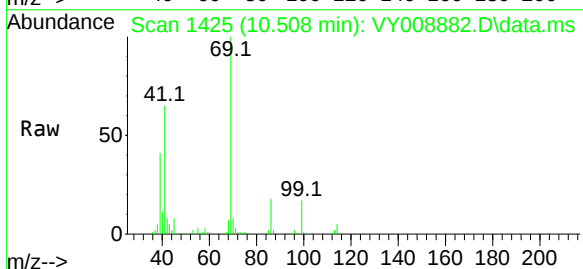
Instrument :
MSVOA_Y
ClientSampleId :
N2868-16MSDMSD

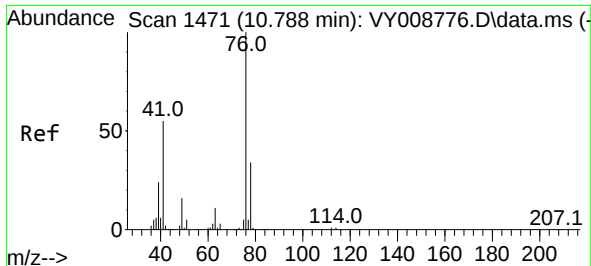
Tgt Ion:	97	Resp:	55000
Ion	Ratio	Lower	Upper
97	100		
83	84.5	69.8	104.8
85	55.8	44.3	66.5
99	60.4	49.8	74.6



#56
Ethyl methacrylate
Concen: 37.913 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY008882.D
Acq: 19 May 2022 20:51

Tgt Ion:	69	Resp:	47020
Ion	Ratio	Lower	Upper
69	100		
41	63.4	63.4	95.0#
39	37.1	35.8	53.8





#57

1,3-Dichloropropane

Concen: 52.493 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY008882.D

Acq: 19 May 2022 20:51

Instrument :

MSVOA_Y

ClientSampleId :

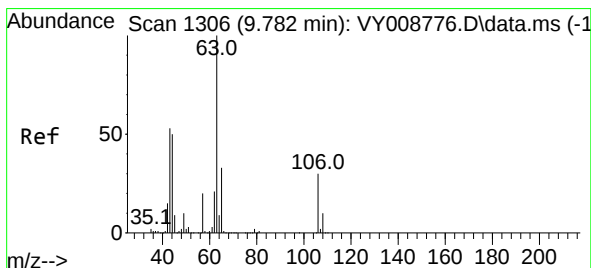
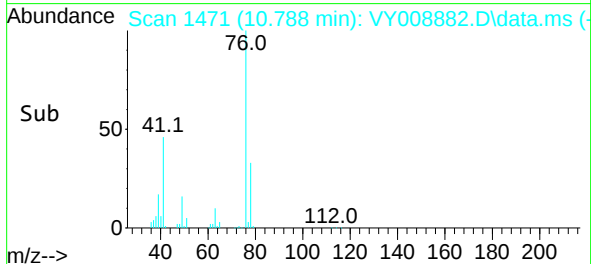
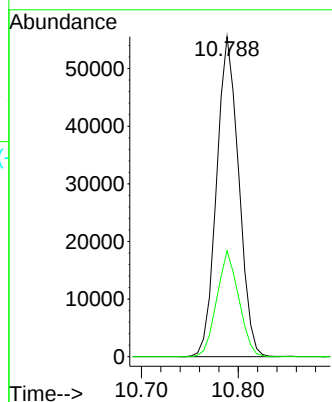
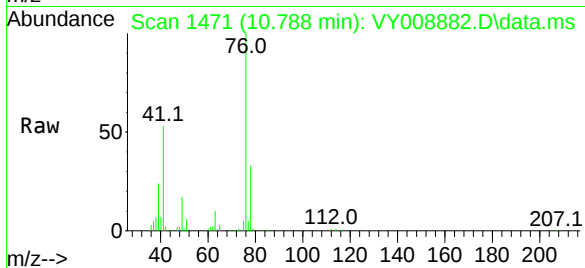
N2868-16MSDMSD

Tgt Ion: 76 Resp: 88231

Ion Ratio Lower Upper

76 100

78 32.7 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 294.411 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY008882.D

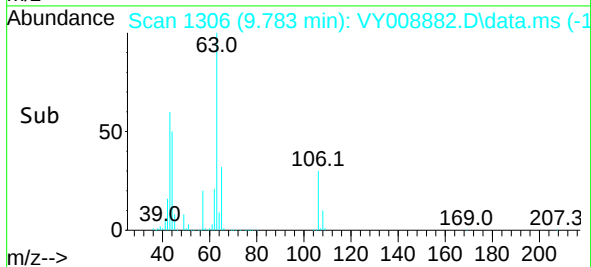
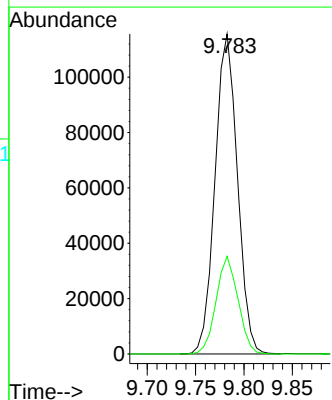
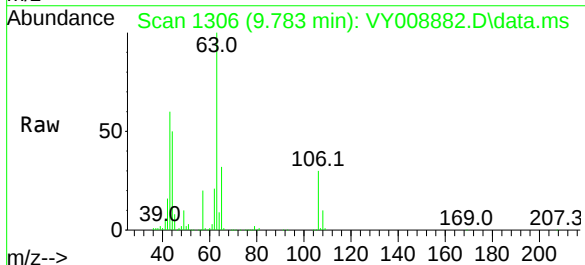
Acq: 19 May 2022 20:51

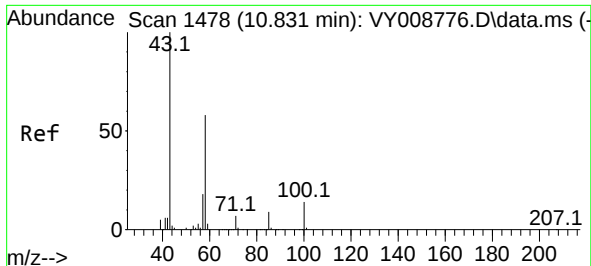
Tgt Ion: 63 Resp: 186192

Ion Ratio Lower Upper

63 100

106 29.8 21.5 32.3

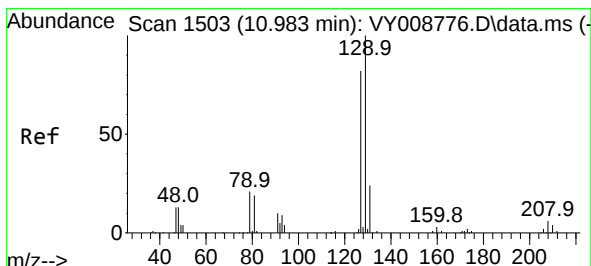
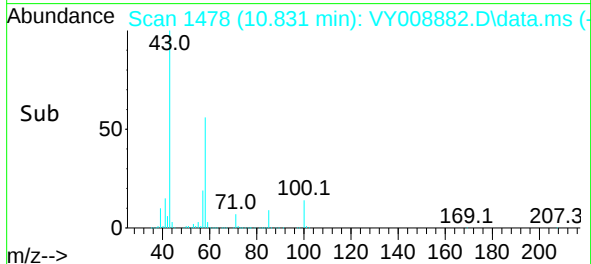
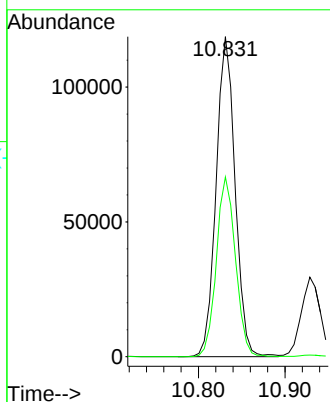
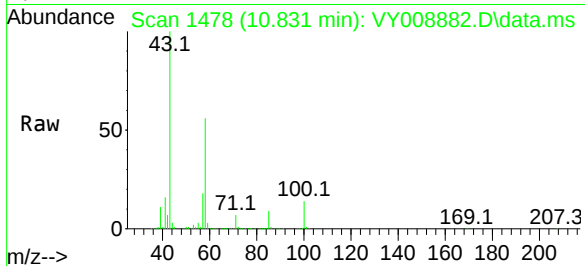




#59
2-Hexanone
Concen: 250.994 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY008882.D
Acq: 19 May 2022 20:51

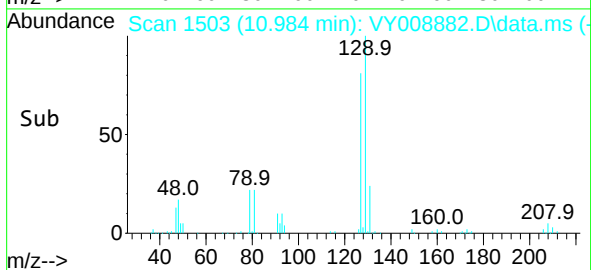
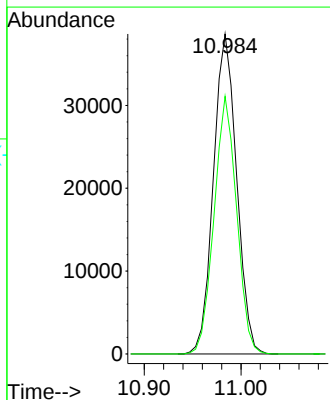
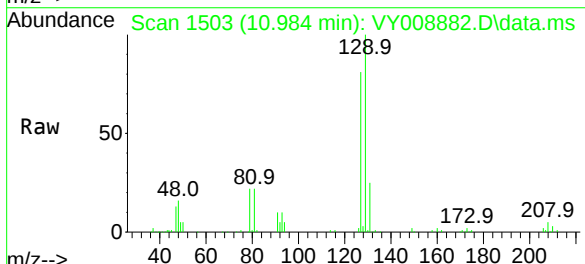
Instrument :
MSVOA_Y
ClientSampleId :
N2868-16MSDMSD

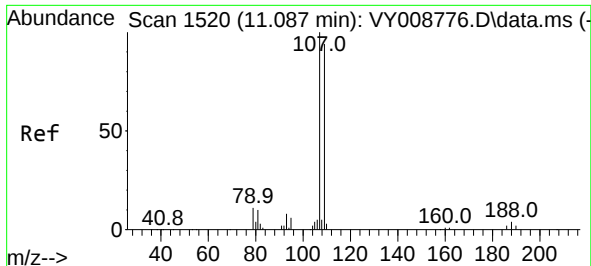
Tgt Ion: 43 Resp: 180676
Ion Ratio Lower Upper
43 100
58 56.6 24.4 73.4



#60
Dibromochloromethane
Concen: 52.471 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY008882.D
Acq: 19 May 2022 20:51

Tgt Ion: 129 Resp: 64389
Ion Ratio Lower Upper
129 100
127 78.2 38.7 116.1

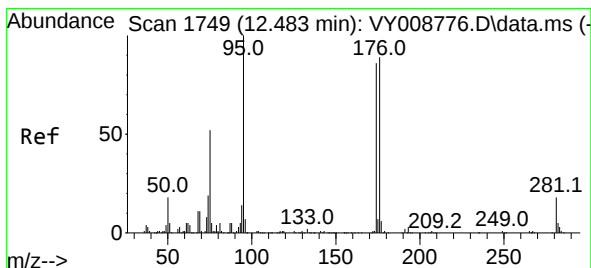
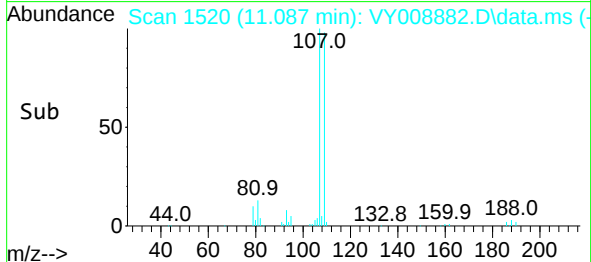
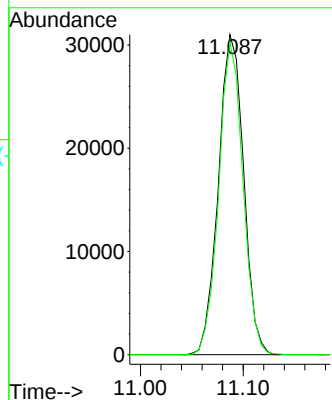
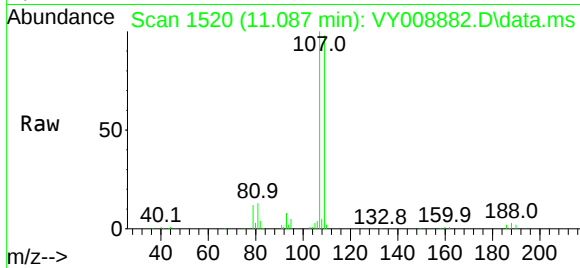




#61
1,2-Dibromoethane
Concen: 51.850 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008882.D
Acq: 19 May 2022 20:51

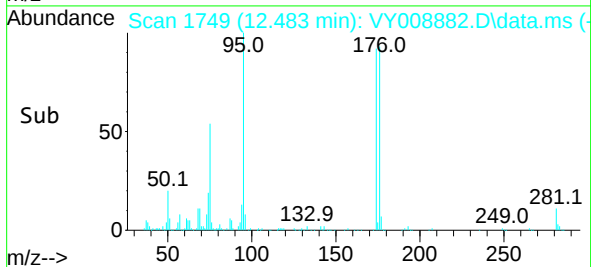
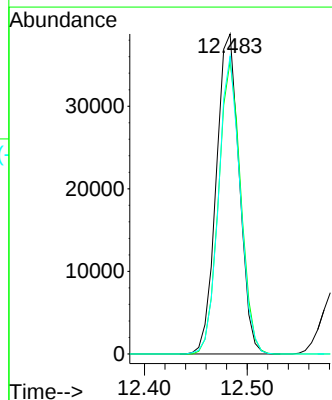
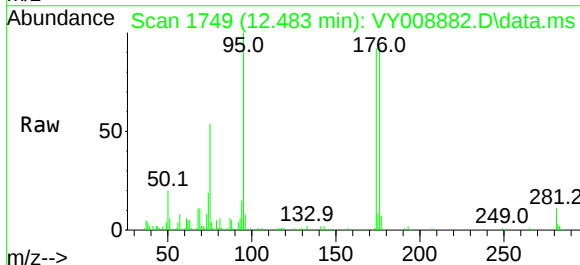
Instrument :
MSVOA_Y
ClientSampleId :
N2868-16MSDMSD

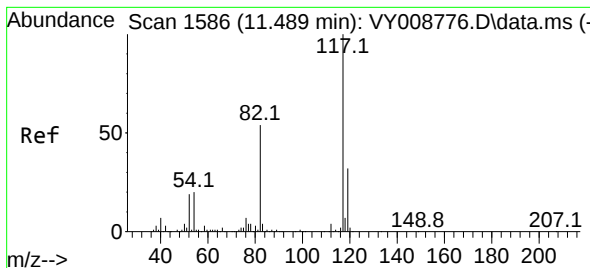
Tgt Ion:107 Resp: 52856
Ion Ratio Lower Upper
107 100
109 93.6 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 36.239 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008882.D
Acq: 19 May 2022 20:51

Tgt Ion: 95 Resp: 59986
Ion Ratio Lower Upper
95 100
174 88.4 0.0 177.0
176 87.3 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008882.D

Acq: 19 May 2022 20:51

Instrument :

MSVOA_Y

ClientSampleId :

N2868-16MSDMSD

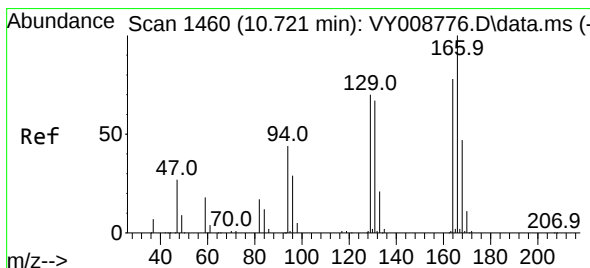
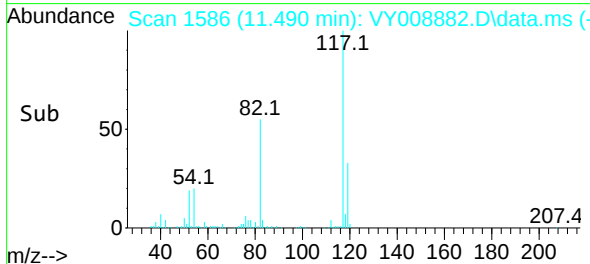
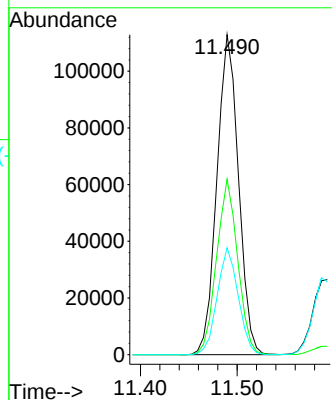
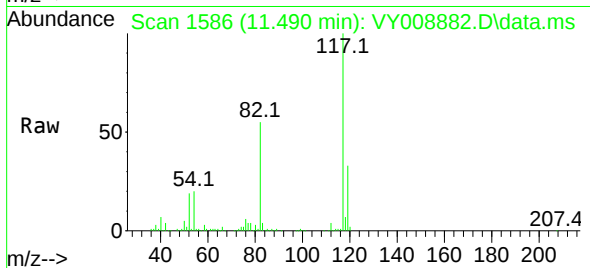
Tgt Ion:117 Resp: 174828

Ion Ratio Lower Upper

117 100

82 54.9 43.0 64.4

119 33.4 25.4 38.0



#64

Tetrachloroethene

Concen: 50.333 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY008882.D

Acq: 19 May 2022 20:51

Tgt Ion:164 Resp: 56328

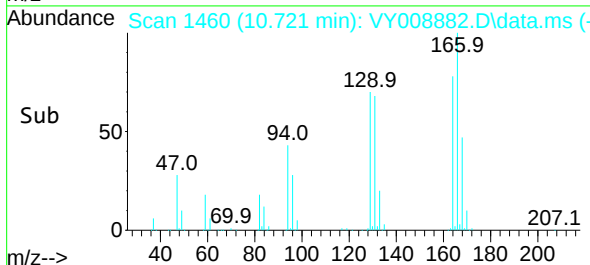
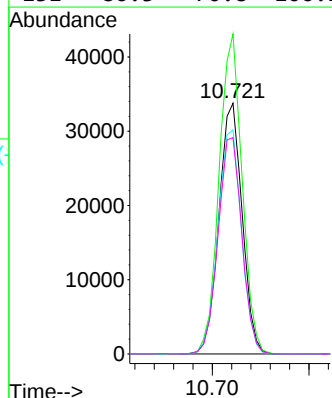
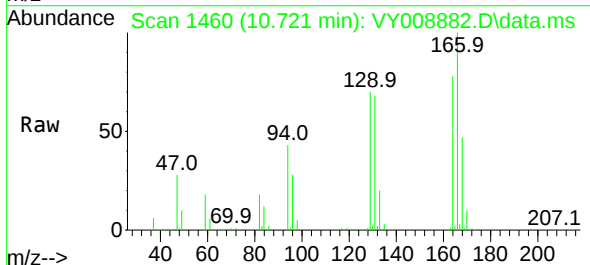
Ion Ratio Lower Upper

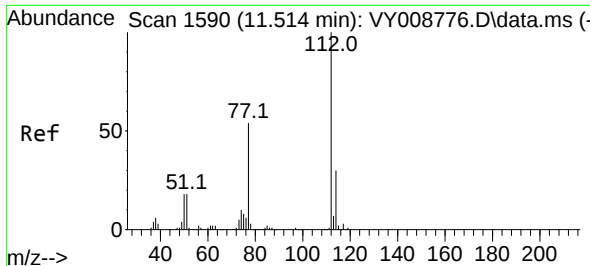
164 100

166 127.6 100.4 150.6

129 89.3 71.4 107.0

131 86.3 70.8 106.2

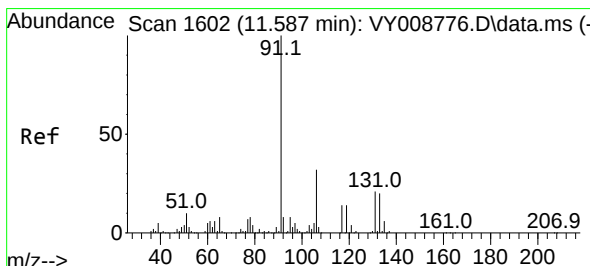
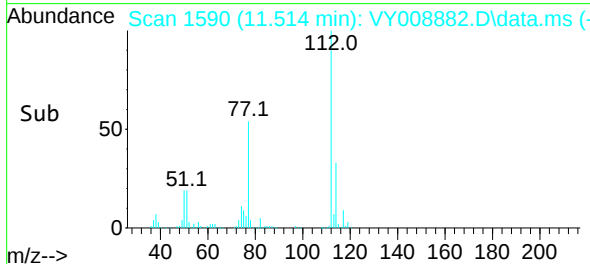
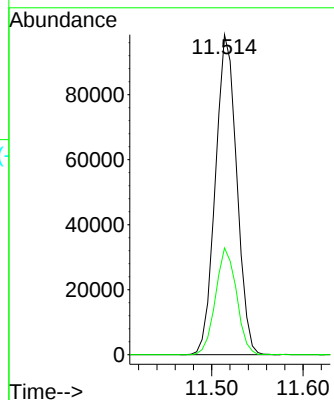
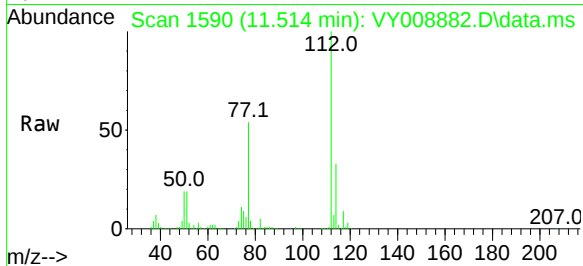




#65
Chlorobenzene
Concen: 45.049 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008882.D
Acq: 19 May 2022 20:51

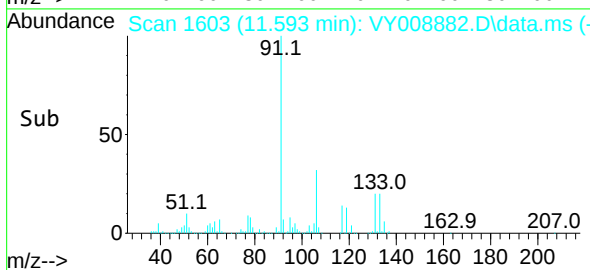
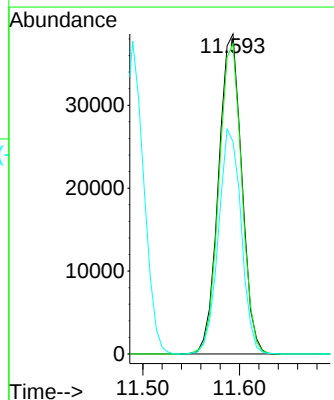
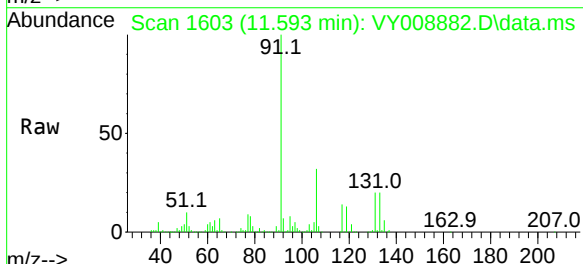
Instrument :
MSVOA_Y
ClientSampleId :
N2868-16MSDMSD

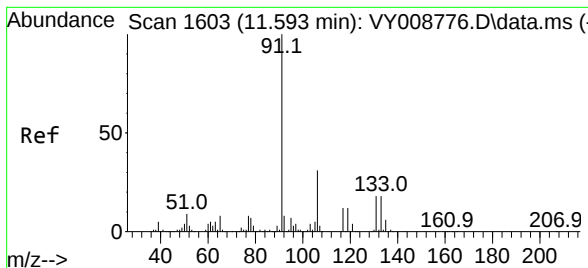
Tgt Ion:112 Resp: 159398
Ion Ratio Lower Upper
112 100
114 33.3 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 49.649 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY008882.D
Acq: 19 May 2022 20:51

Tgt Ion:131 Resp: 64180
Ion Ratio Lower Upper
131 100
133 95.5 47.9 143.6
119 68.9 30.8 92.3

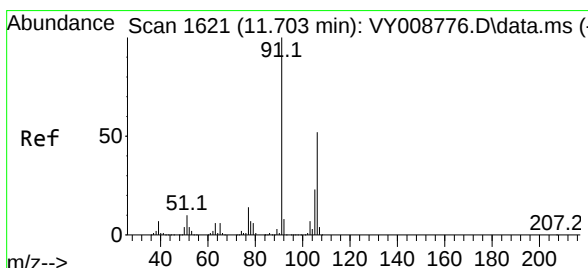
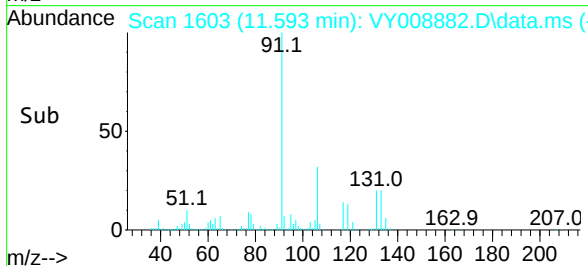
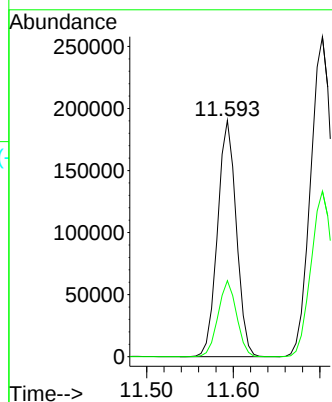
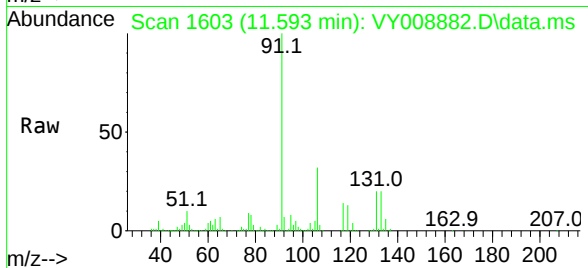




#67
Ethyl Benzene
Concen: 45.354 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY008882.D
Acq: 19 May 2022 20:51

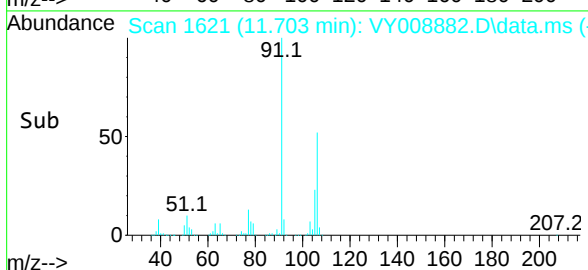
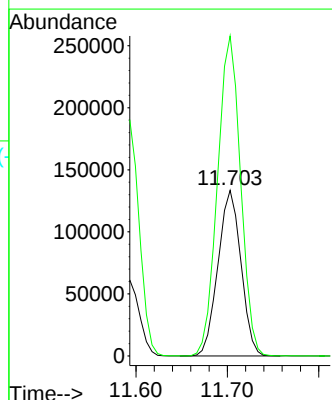
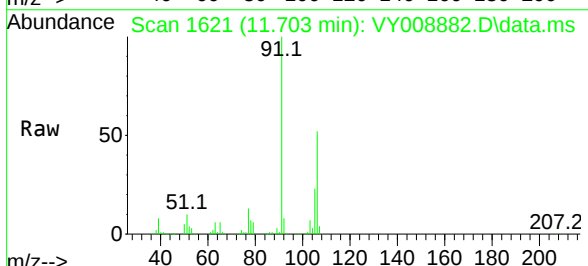
Instrument :
MSVOA_Y
ClientSampleId :
N2868-16MSDMSD

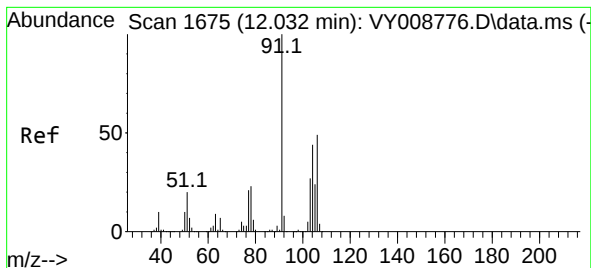
Tgt Ion: 91 Resp: 286585
Ion Ratio Lower Upper
91 100
106 32.2 24.5 36.7



#68
m/p-Xylenes
Concen: 92.549 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY008882.D
Acq: 19 May 2022 20:51

Tgt Ion:106 Resp: 232976
Ion Ratio Lower Upper
106 100
91 194.2 166.6 249.8





#69

o-Xylene

Concen: 48.252 ug/l

RT: 12.032 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VY008882.D

Acq: 19 May 2022 20:51

Instrument :

MSVOA_Y

ClientSampleId :

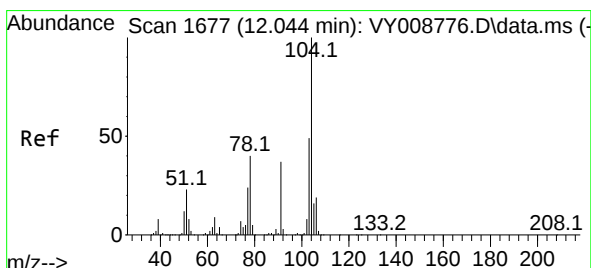
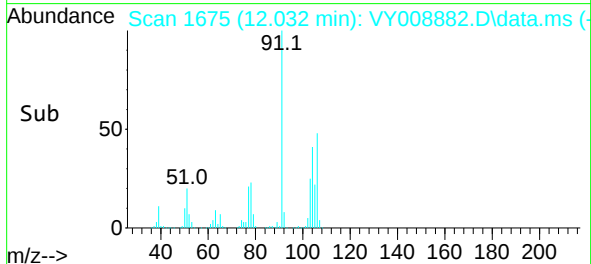
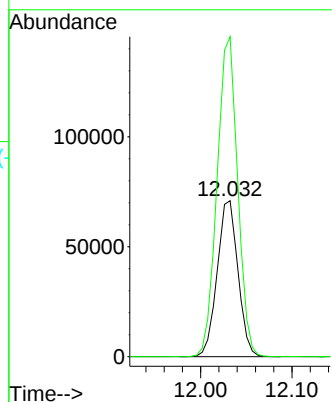
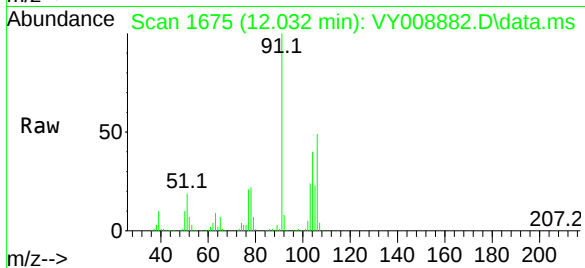
N2868-16MSDMSD

Tgt Ion:106 Resp: 112234

Ion Ratio Lower Upper

106 100

91 203.4 110.3 331.0



#70

Styrene

Concen: 47.719 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY008882.D

Acq: 19 May 2022 20:51

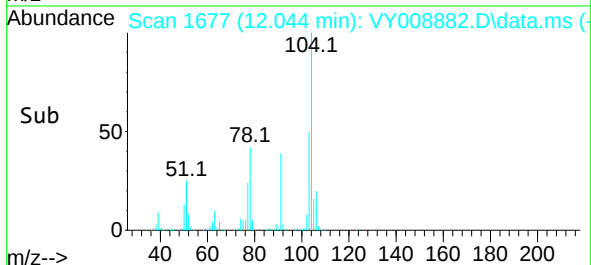
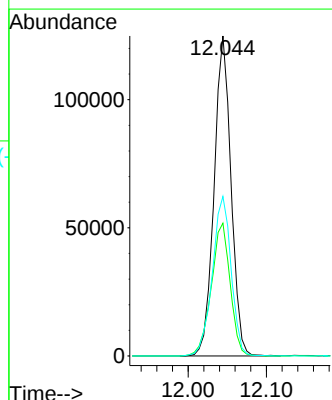
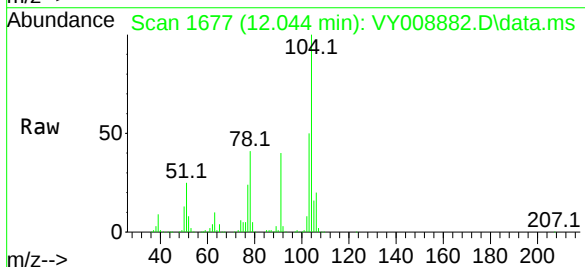
Tgt Ion:104 Resp: 187893

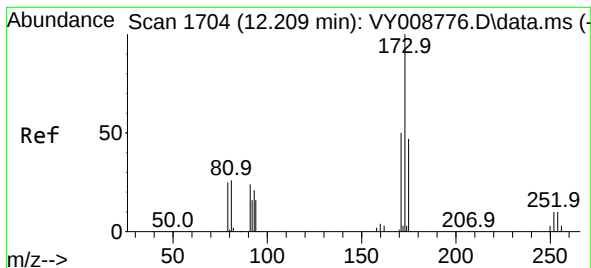
Ion Ratio Lower Upper

104 100

78 46.2 42.4 63.6

103 55.1 44.4 66.6





#71

Bromoform

Concen: 50.586 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008882.D

Acq: 19 May 2022 20:51

Instrument :

MSVOA_Y

ClientSampleId :

N2868-16MSDMSD

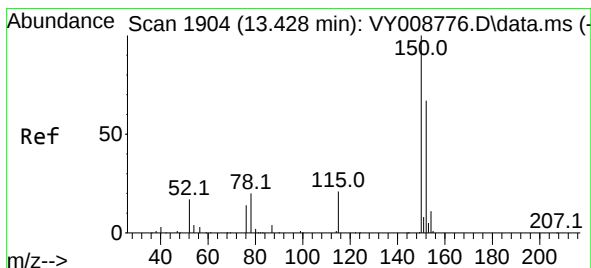
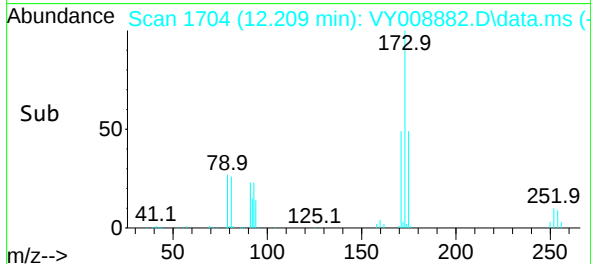
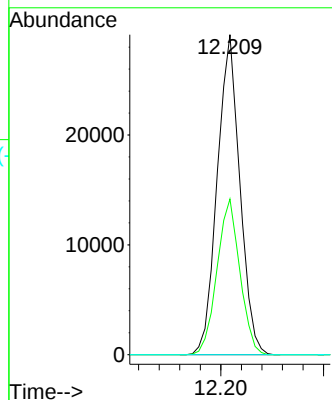
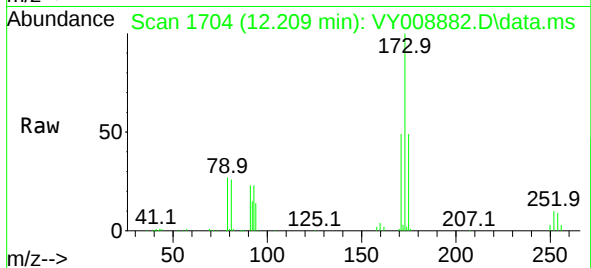
Tgt Ion:173 Resp: 44391

Ion Ratio Lower Upper

173 100

175 49.1 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY008882.D

Acq: 19 May 2022 20:51

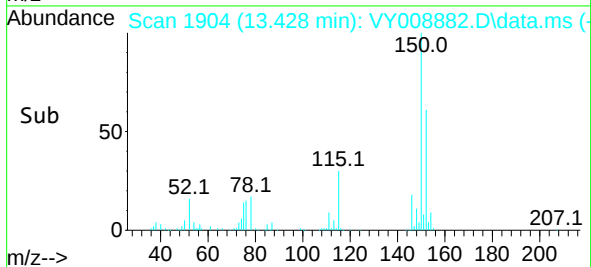
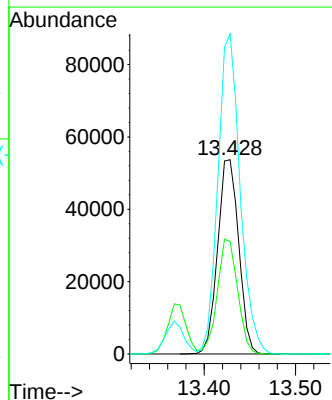
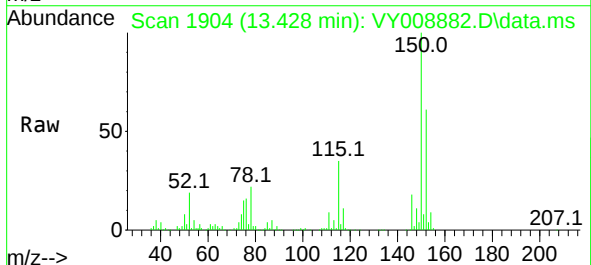
Tgt Ion:152 Resp: 86049

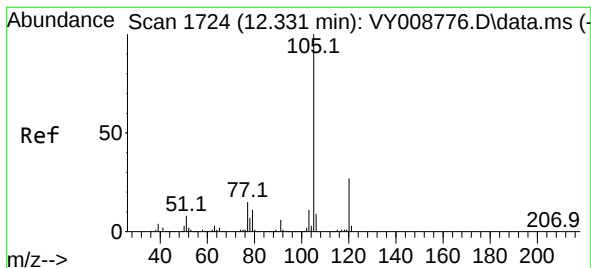
Ion Ratio Lower Upper

152 100

115 57.1 28.2 84.7

150 173.7 0.0 347.6





#73

Isopropylbenzene

Concen: 47.907 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008882.D

Acq: 19 May 2022 20:51

Instrument :

MSVOA_Y

ClientSampleId :

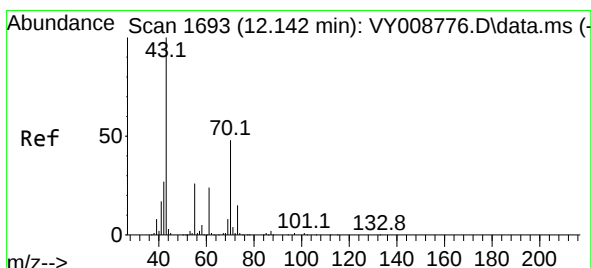
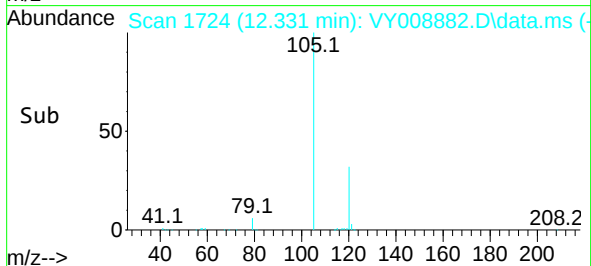
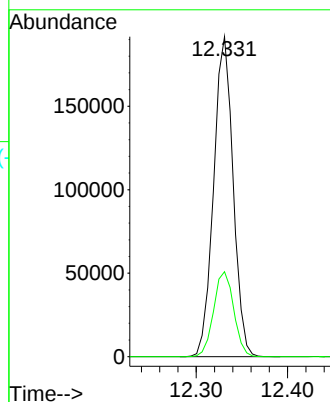
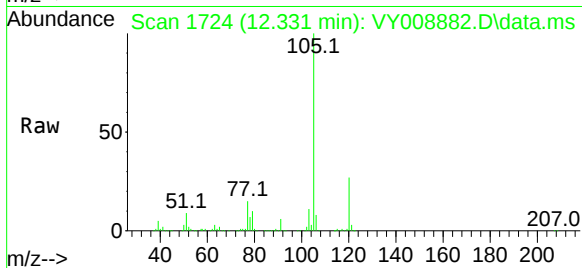
N2868-16MSDMSD

Tgt Ion:105 Resp: 282728

Ion Ratio Lower Upper

105 100

120 27.5 13.4 40.2



#74

N-ethyl acetate

Concen: 30.205 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY008882.D

Acq: 19 May 2022 20:51

Tgt Ion: 43 Resp: 42548

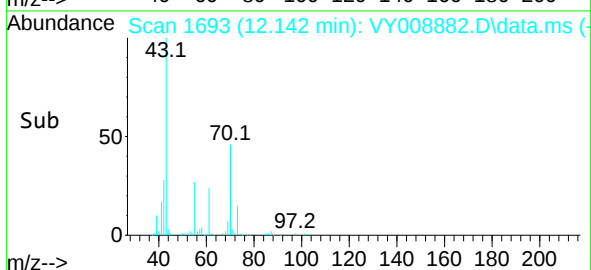
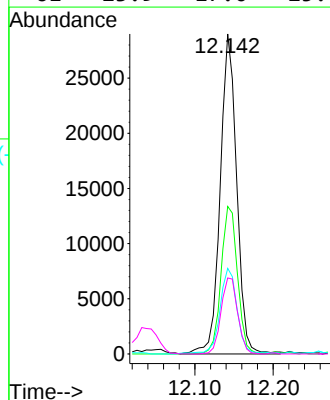
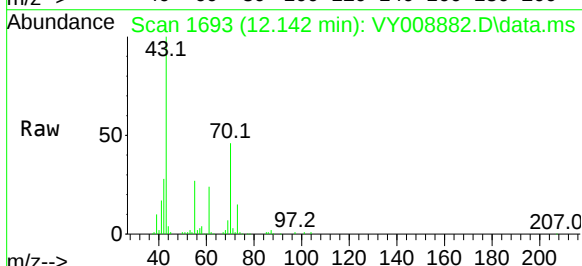
Ion Ratio Lower Upper

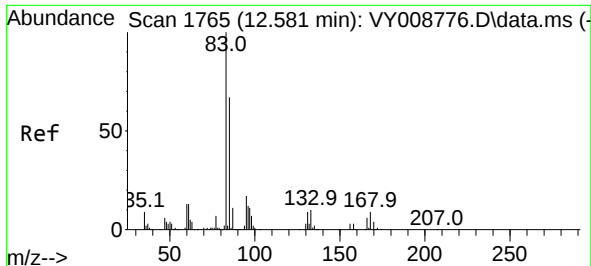
43 100

70 45.9 28.7 43.1#

55 28.2 17.3 25.9#

61 23.9 17.0 25.6

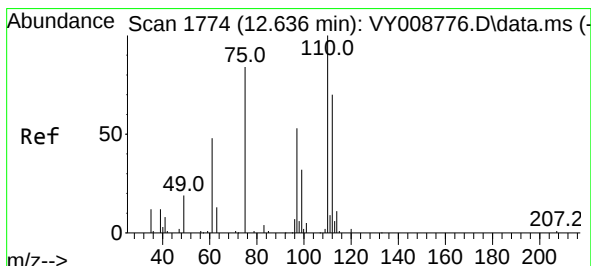
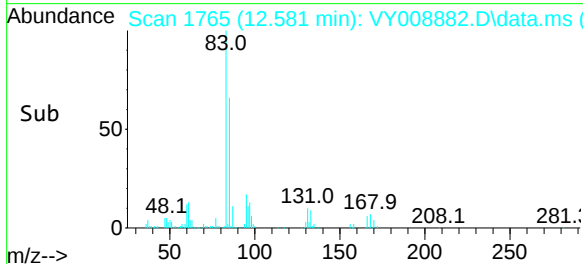
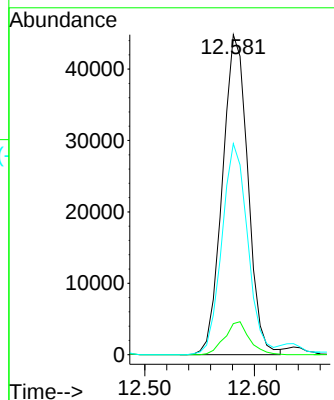
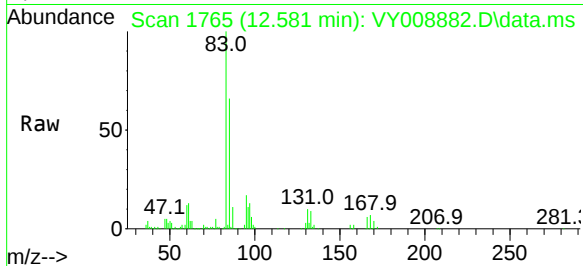




#75
1,1,2,2-Tetrachloroethane
Concen: 54.971 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY008882.D
Acq: 19 May 2022 20:51

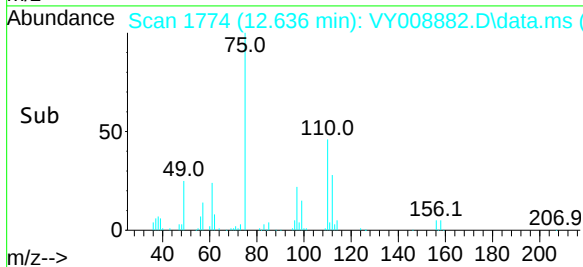
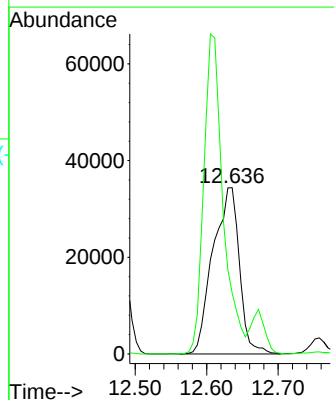
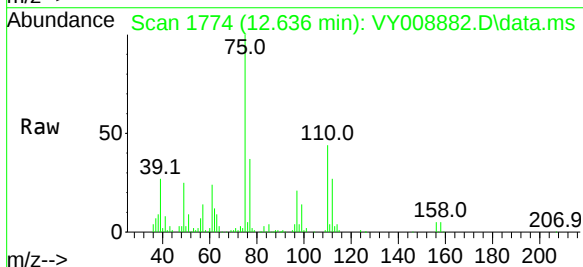
Instrument :
MSVOA_Y
ClientSampleId :
N2868-16MSDMSD

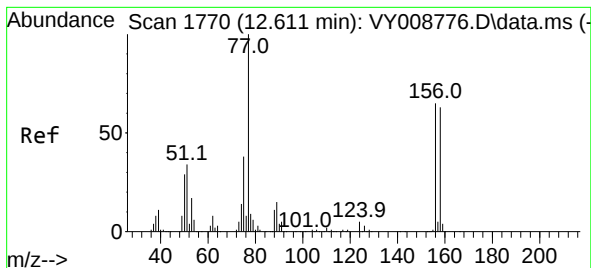
Tgt Ion: 83 Resp: 72122
Ion Ratio Lower Upper
83 100
131 10.0 5.6 16.8
85 67.0 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 88.964 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY008882.D
Acq: 19 May 2022 20:51

Tgt Ion: 75 Resp: 88429
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.394 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY008882.D

Acq: 19 May 2022 20:51

Instrument :

MSVOA_Y

ClientSampleId :

N2868-16MSDMSD

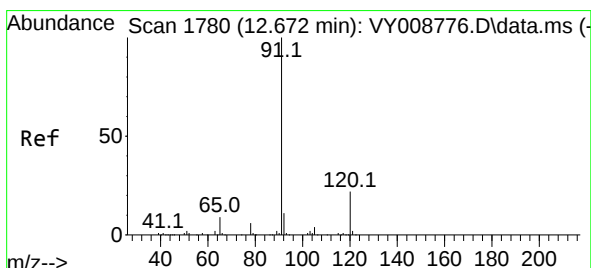
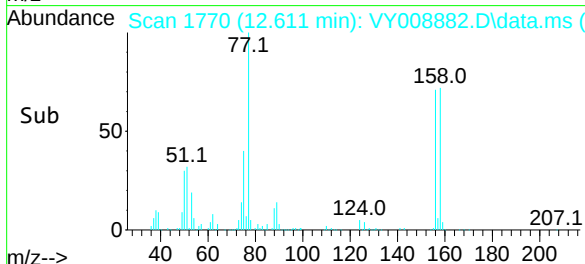
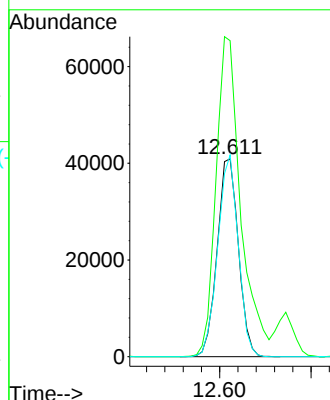
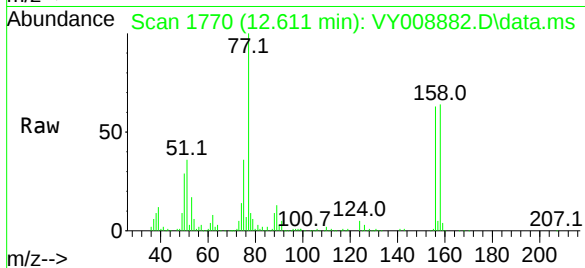
Tgt Ion:156 Resp: 66177

Ion Ratio Lower Upper

156 100

77 187.8 95.5 286.4

158 98.1 48.0 144.0



#78

n-propylbenzene

Concen: 46.576 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY008882.D

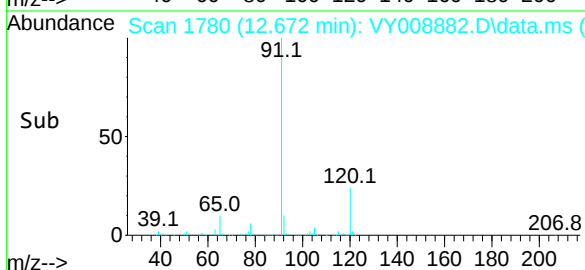
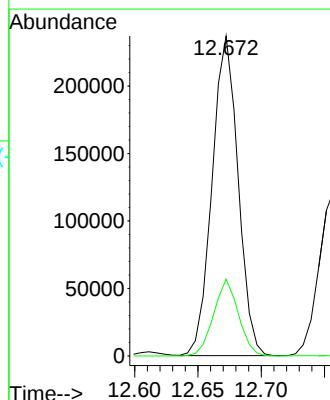
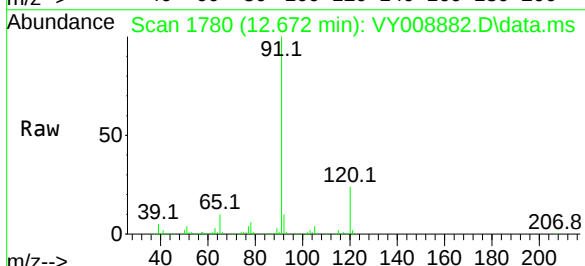
Acq: 19 May 2022 20:51

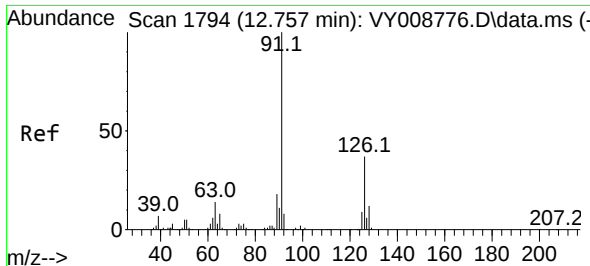
Tgt Ion: 91 Resp: 337677

Ion Ratio Lower Upper

91 100

120 22.9 11.3 33.9

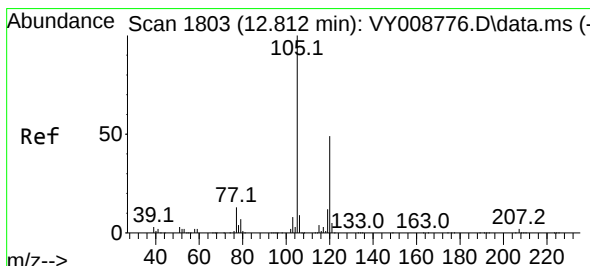
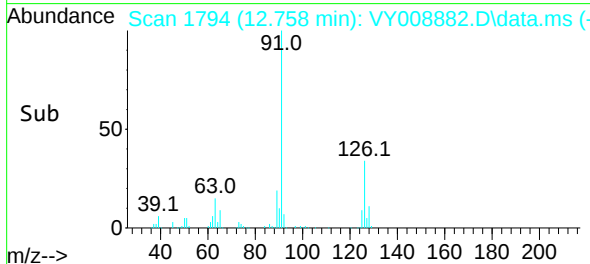
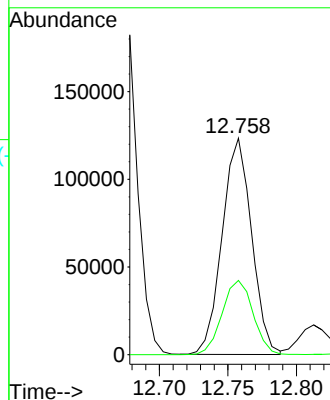
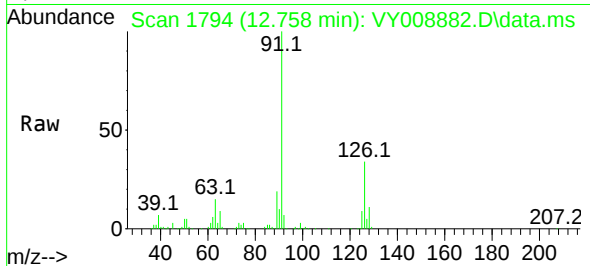




#79
2-Chlorotoluene
Concen: 46.969 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY008882.D
Acq: 19 May 2022 20:51

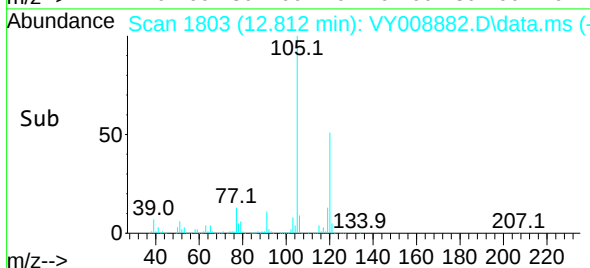
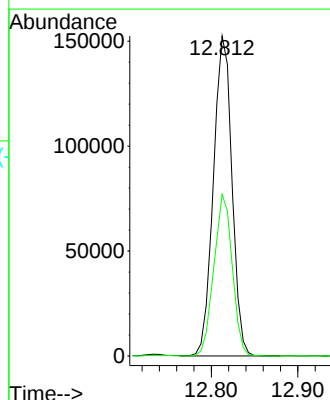
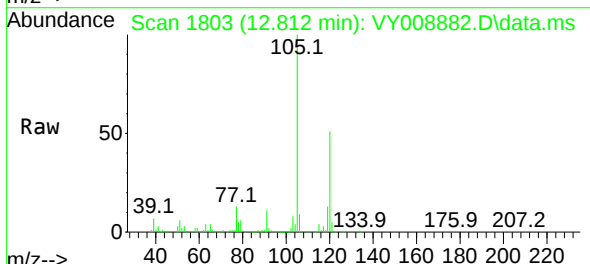
Instrument :
MSVOA_Y
ClientSampleId :
N2868-16MSDMSD

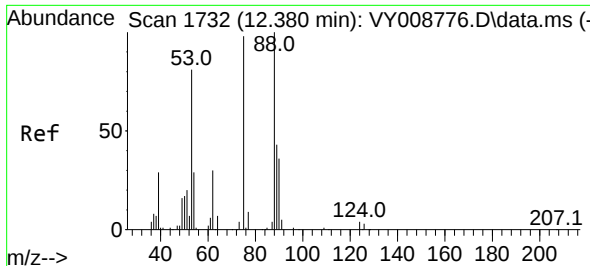
Tgt Ion: 91 Resp: 184442
Ion Ratio Lower Upper
91 100
126 36.1 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 47.713 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY008882.D
Acq: 19 May 2022 20:51

Tgt Ion: 105 Resp: 227349
Ion Ratio Lower Upper
105 100
120 49.9 24.4 73.4

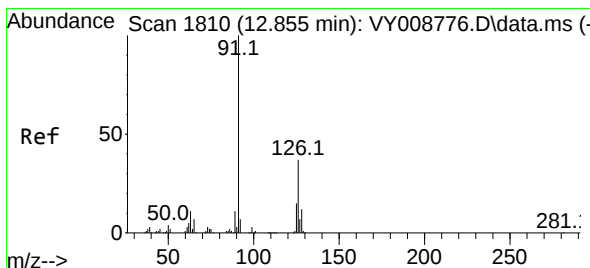
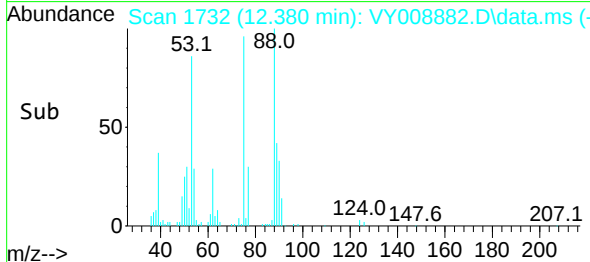
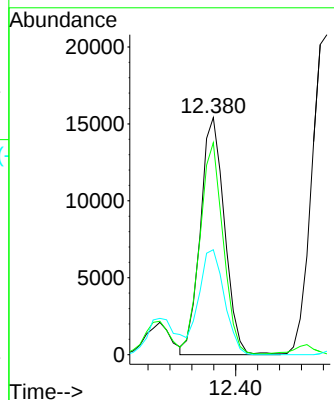
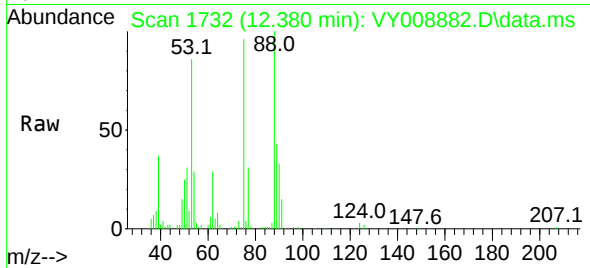




#81
trans-1,4-Dichloro-2-butene
Concen: 51.930 ug/l
RT: 12.380 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008882.D
Acq: 19 May 2022 20:51

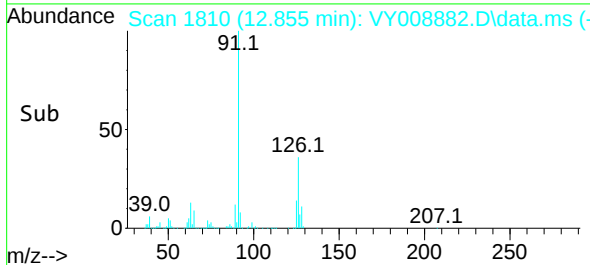
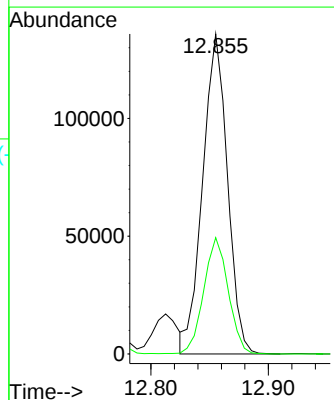
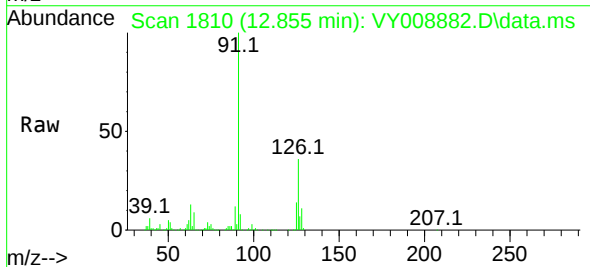
Instrument :
MSVOA_Y
ClientSampleId :
N2868-16MSDMSD

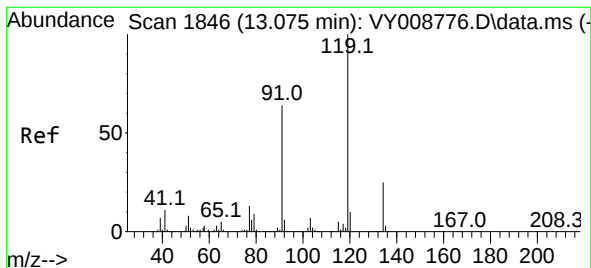
Tgt Ion: 75 Resp: 23599
Ion Ratio Lower Upper
75 100
53 86.3 85.3 127.9
89 46.2 37.0 55.4



#82
4-Chlorotoluene
Concen: 47.922 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY008882.D
Acq: 19 May 2022 20:51

Tgt Ion: 91 Resp: 198806
Ion Ratio Lower Upper
91 100
126 36.0 17.0 51.0

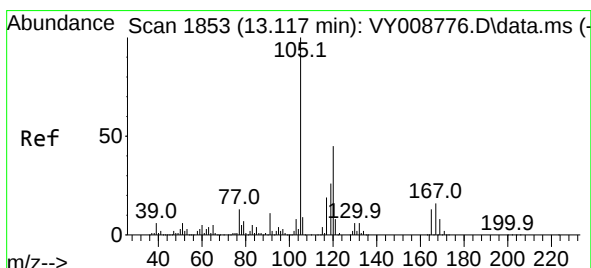
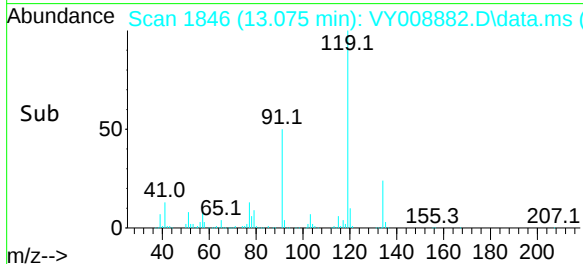
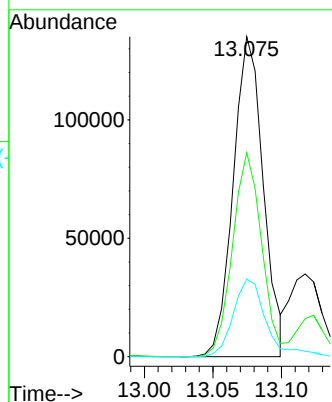
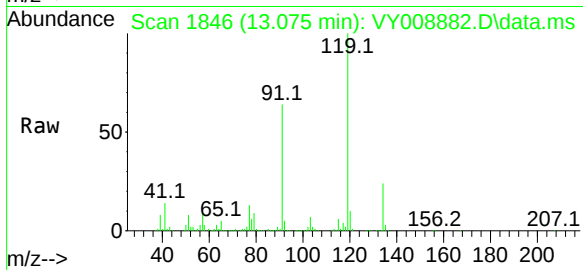




#83
tert-Butylbenzene
Concen: 48.137 ug/l
RT: 13.075 min Scan# 119
Delta R.T. 0.000 min
Lab File: VY008882.D
Acq: 19 May 2022 20:51

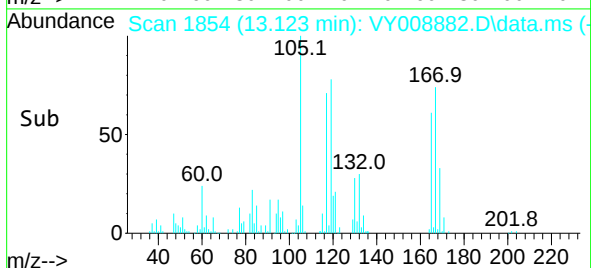
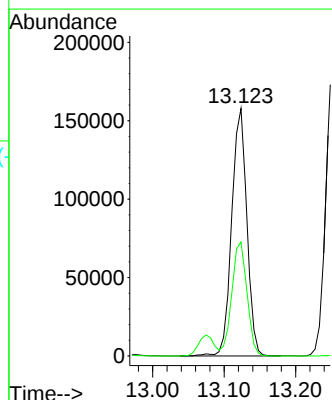
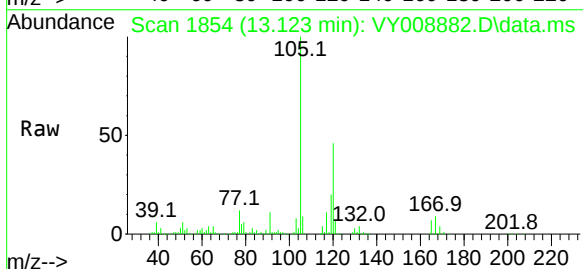
Instrument :
MSVOA_Y
ClientSampleId :
N2868-16MSDMSD

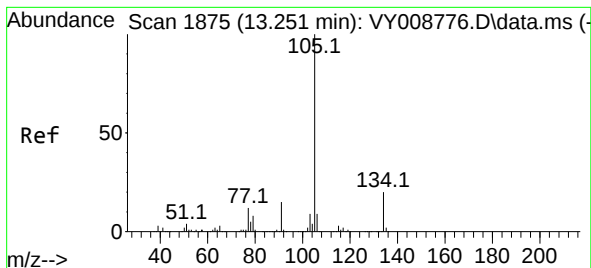
Tgt Ion:119 Resp: 206279
Ion Ratio Lower Upper
119 100
91 61.4 34.8 104.4
134 26.6 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 49.245 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY008882.D
Acq: 19 May 2022 20:51

Tgt Ion:105 Resp: 232295
Ion Ratio Lower Upper
105 100
120 46.1 22.3 66.9





#85

sec-Butylbenzene

Concen: 45.932 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY008882.D

Acq: 19 May 2022 20:51

Instrument :

MSVOA_Y

ClientSampleId :

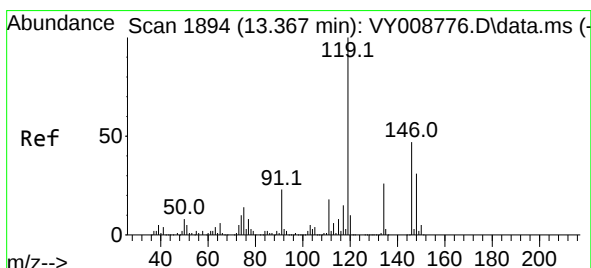
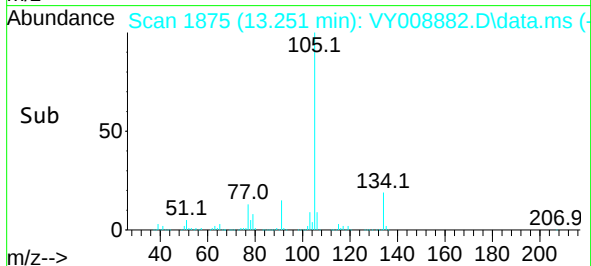
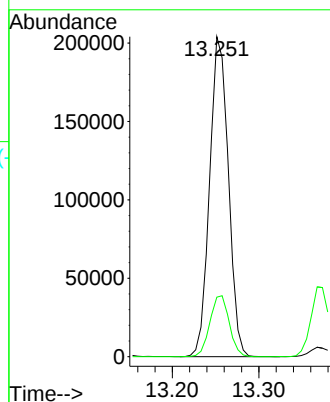
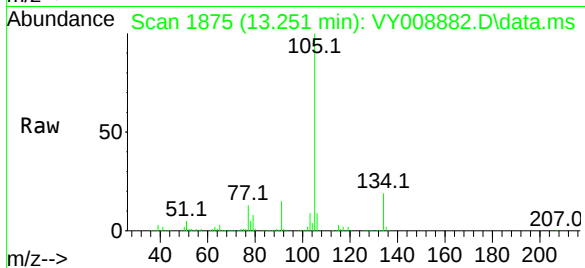
N2868-16MSDMSD

Tgt Ion:105 Resp: 307088

Ion Ratio Lower Upper

105 100

134 19.7 10.2 30.4



#86

p-Isopropyltoluene

Concen: 45.482 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY008882.D

Acq: 19 May 2022 20:51

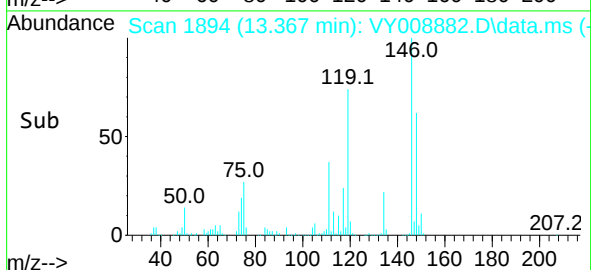
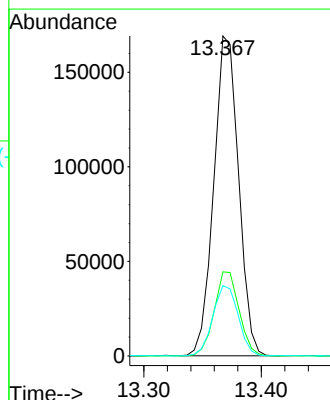
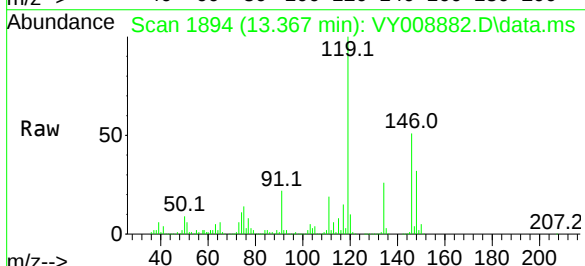
Tgt Ion:119 Resp: 247945

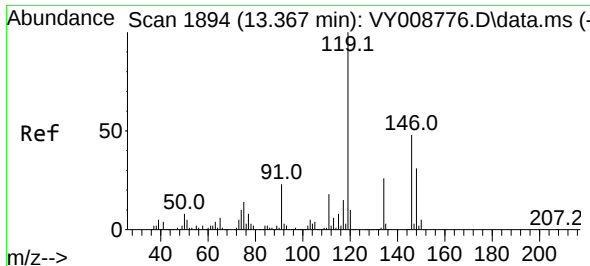
Ion Ratio Lower Upper

119 100

134 26.4 13.2 39.5

91 22.6 12.4 37.2

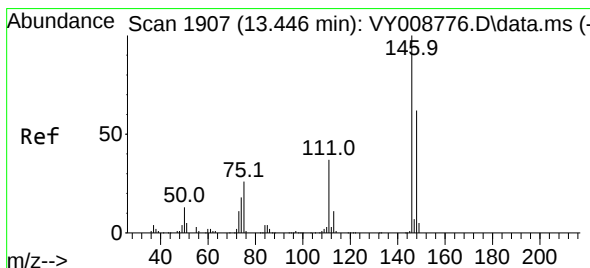
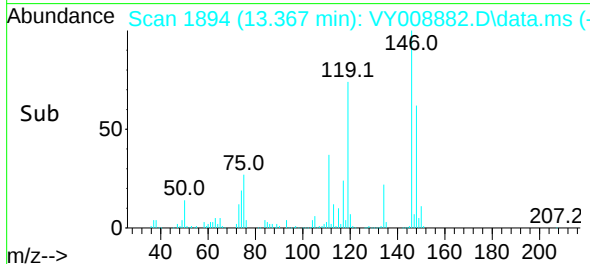
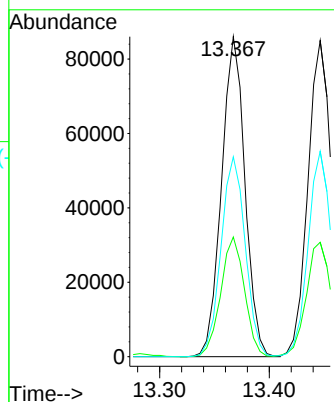
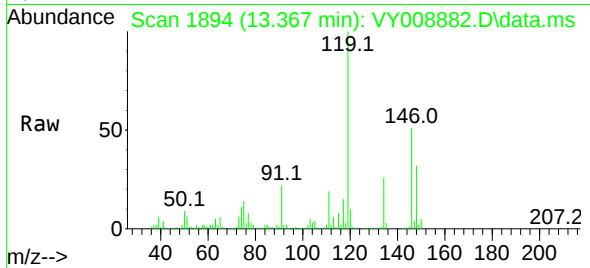




#87
1,3-Dichlorobenzene
Concen: 44.458 ug/l
RT: 13.367 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008882.D
Acq: 19 May 2022 20:51

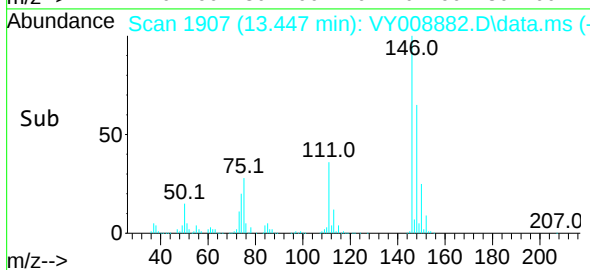
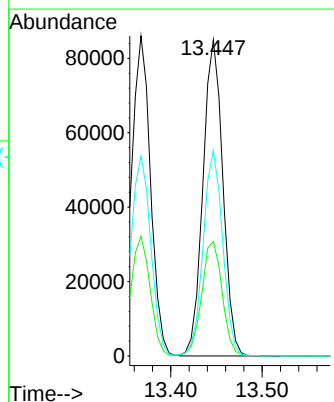
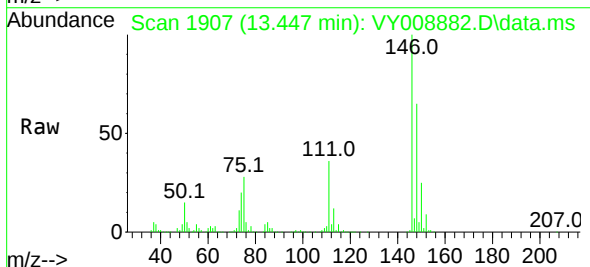
Instrument :
MSVOA_Y
ClientSampleId :
N2868-16MSDMSD

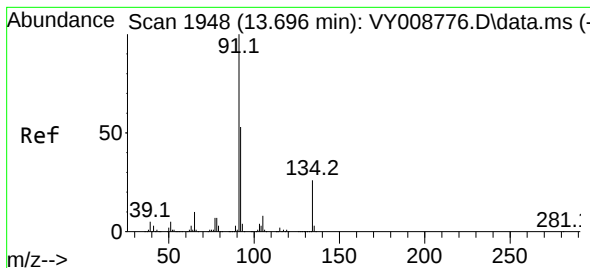
Tgt Ion:146 Resp: 127738
Ion Ratio Lower Upper
146 100
111 37.9 19.5 58.5
148 64.7 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 45.094 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY008882.D
Acq: 19 May 2022 20:51

Tgt Ion:146 Resp: 128158
Ion Ratio Lower Upper
146 100
111 37.5 19.3 57.8
148 64.1 32.6 97.8





#89

n-Butylbenzene

Concen: 40.040 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY008882.D

Acq: 19 May 2022 20:51

Instrument :

MSVOA_Y

ClientSampleId :

N2868-16MSDMSD

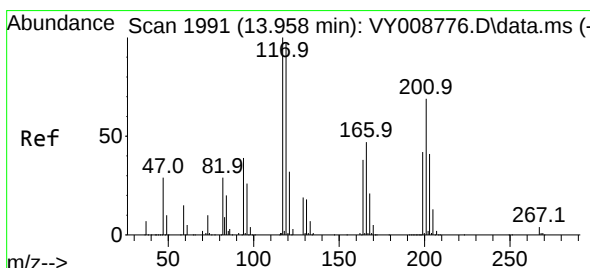
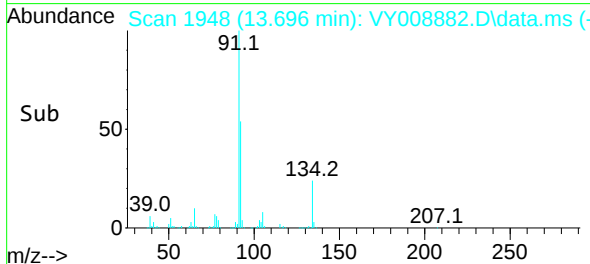
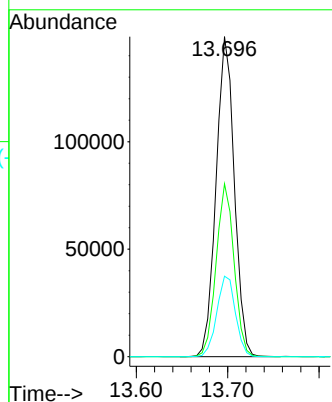
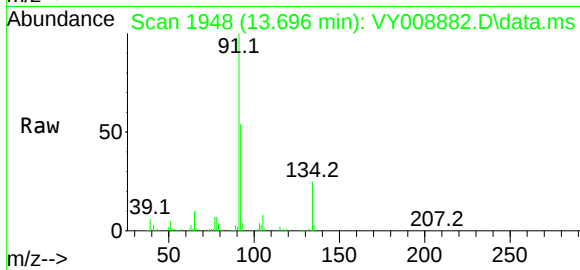
Tgt Ion: 91 Resp: 207187

Ion Ratio Lower Upper

91 100

92 53.0 26.3 78.9

134 25.7 13.0 38.9



#90

Hexachloroethane

Concen: 44.640 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY008882.D

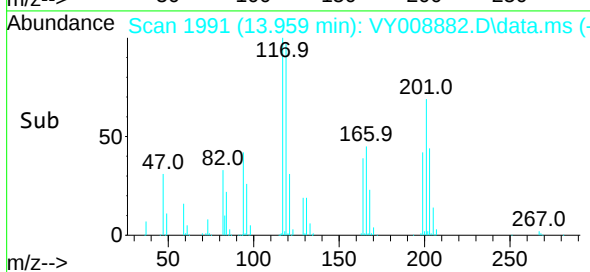
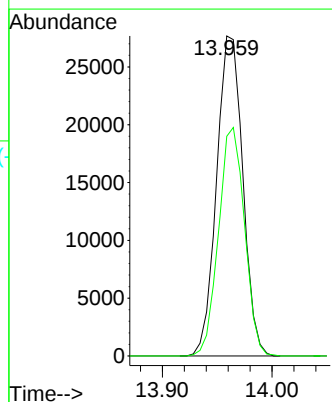
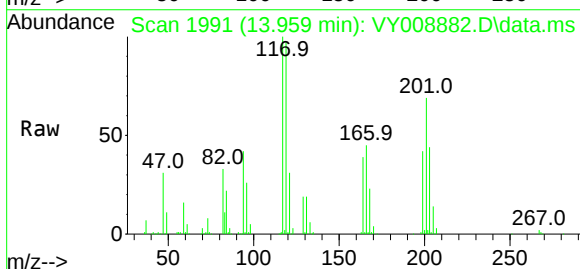
Acq: 19 May 2022 20:51

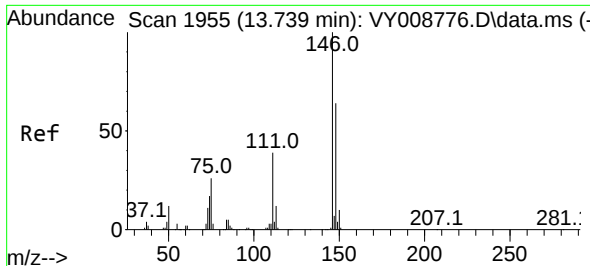
Tgt Ion: 117 Resp: 46010

Ion Ratio Lower Upper

117 100

201 70.7 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 45.899 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY008882.D

Acq: 19 May 2022 20:51

Instrument :

MSVOA_Y

ClientSampleId :

N2868-16MSDMSD

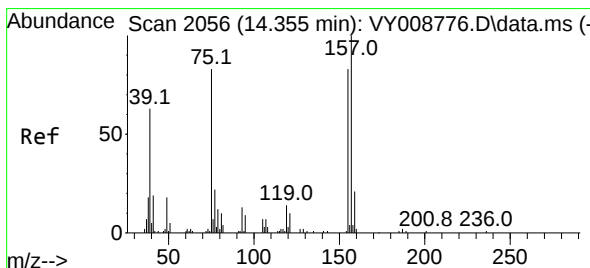
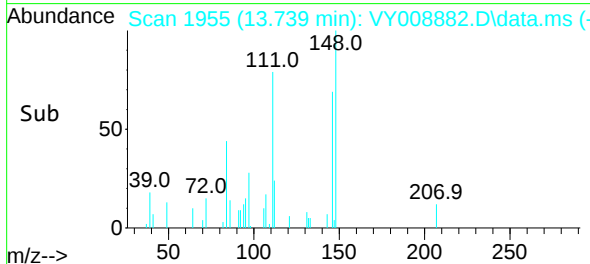
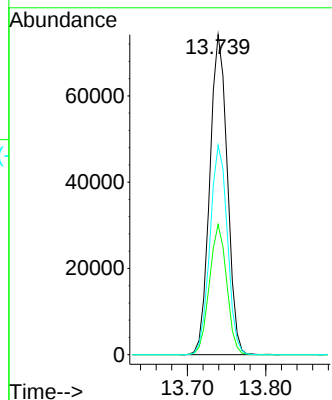
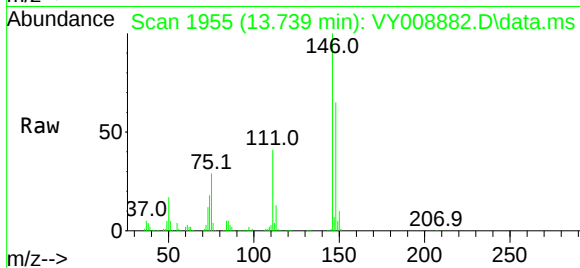
Tgt Ion:146 Resp: 115329

Ion Ratio Lower Upper

146 100

111 39.9 20.3 60.9

148 65.3 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.244 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY008882.D

Acq: 19 May 2022 20:51

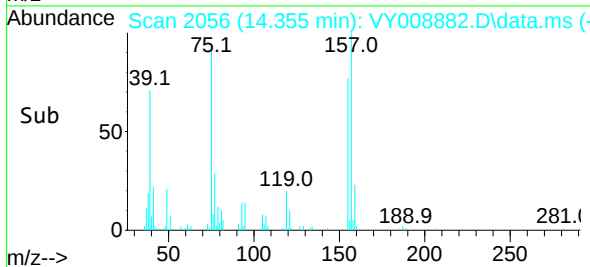
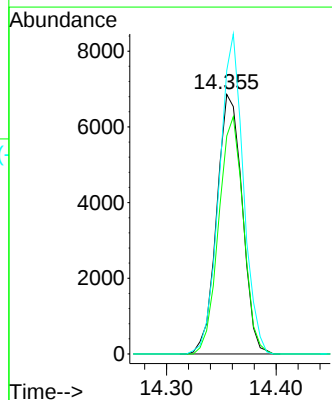
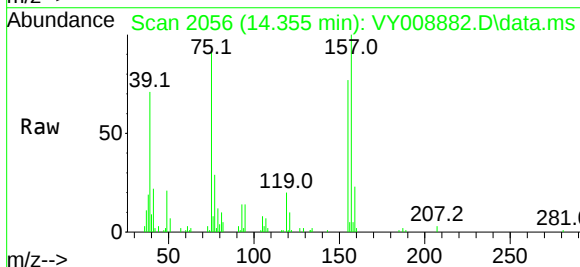
Tgt Ion: 75 Resp: 11047

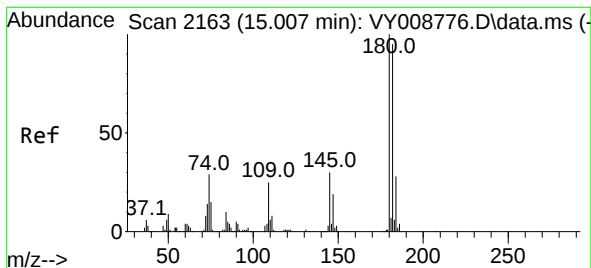
Ion Ratio Lower Upper

75 100

155 88.5 38.0 113.9

157 116.9 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 33.264 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY008882.D

Acq: 19 May 2022 20:51

Instrument :

MSVOA_Y

ClientSampleId :

N2868-16MSDMSD

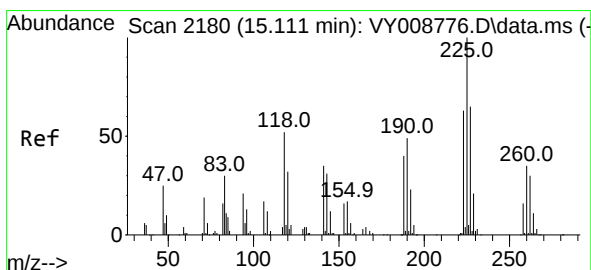
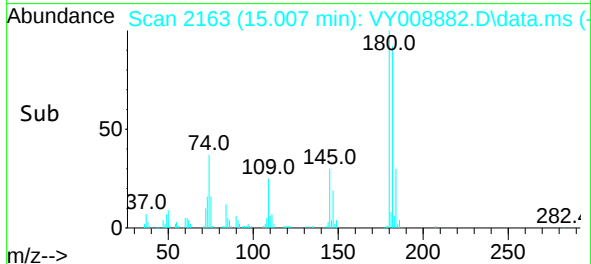
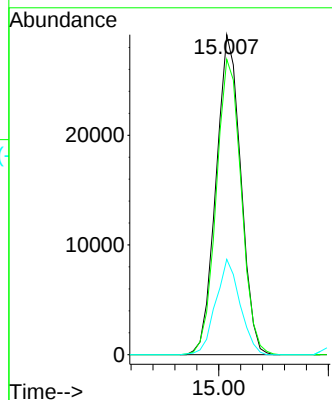
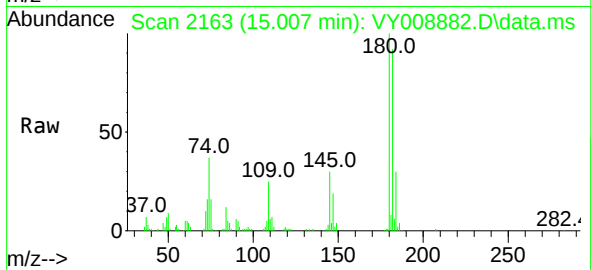
Tgt Ion:180 Resp: 45642

Ion Ratio Lower Upper

180 100

182 93.5 47.3 141.9

145 29.3 14.6 43.8



#94

Hexachlorobutadiene

Concen: 29.077 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY008882.D

Acq: 19 May 2022 20:51

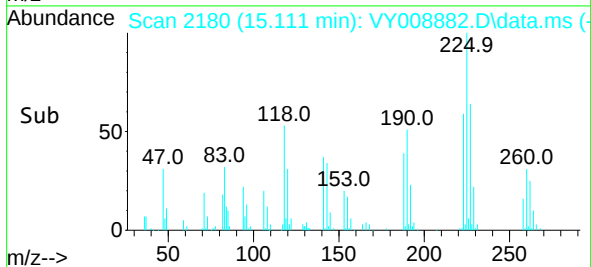
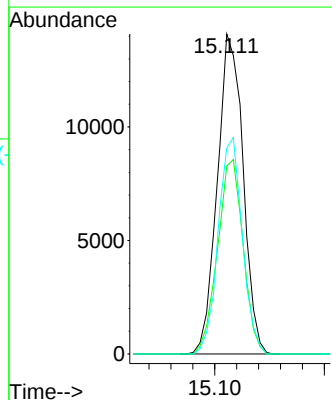
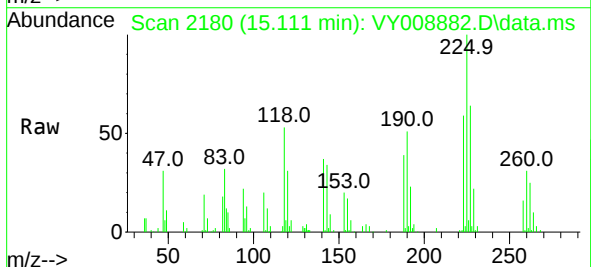
Tgt Ion:225 Resp: 22958

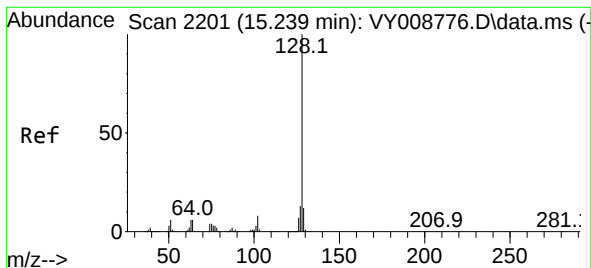
Ion Ratio Lower Upper

225 100

223 60.5 30.8 92.3

227 63.4 31.6 94.7





#95

Naphthalene

Concen: 40.485 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY008882.D

Acq: 19 May 2022 20:51

Instrument :

MSVOA_Y

ClientSampleId :

N2868-16MSDMSD

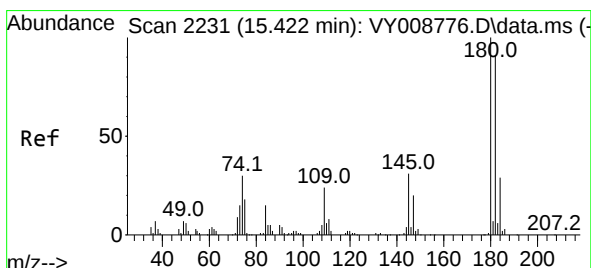
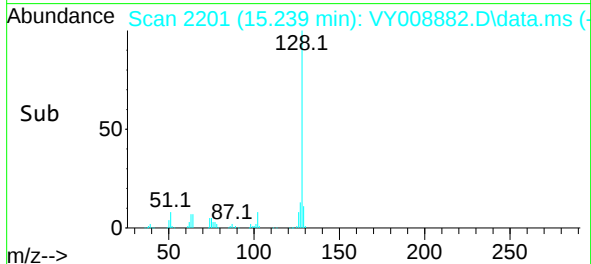
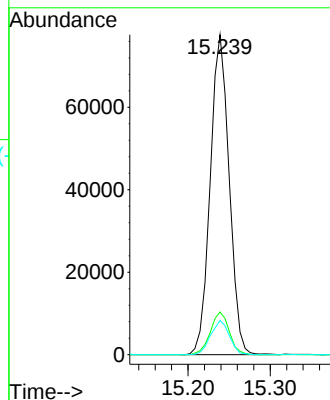
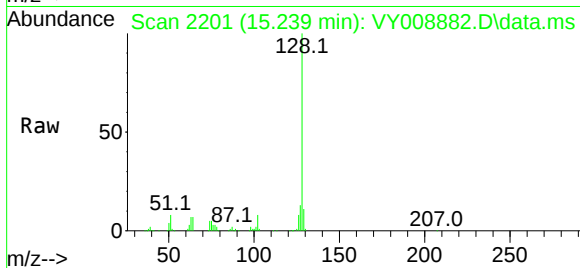
Tgt Ion:128 Resp: 124181

Ion Ratio Lower Upper

128 100

127 13.3 11.0 16.4

129 10.6 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 33.052 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY008882.D

Acq: 19 May 2022 20:51

Tgt Ion:180 Resp: 39839

Ion Ratio Lower Upper

180 100

182 93.6 47.3 141.9

145 31.0 15.3 45.9

