

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071222\
 Data File : VY009545.D
 Acq On : 12 Jul 2022 20:06
 Operator : KP/MD
 Sample : N3595-19MS
 Misc : 6.45g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220487A-5AMS

Quant Time: Jul 13 01:17:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 11:00:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	30899	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	46189	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	42355	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	17669	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	11838	55.041	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.080%
35) Dibromofluoromethane	7.716	113	12766	52.528	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.060%
50) Toluene-d8	10.179	98	34036	51.289	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	102.580%
62) 4-Bromofluorobenzene	12.477	95	16485	48.053	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	96.100%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	13795	58.218	ug/l	96
3) Chloromethane	2.107	50	16748	63.292	ug/l	95
4) Vinyl Chloride	2.241	62	20266	67.269	ug/l	96
5) Bromomethane	2.643	94	12219	56.454	ug/l	99
6) Chloroethane	2.784	64	10936	62.174	ug/l	100
7) Trichlorofluoromethane	3.113	101	26332	65.465	ug/l	97
8) Diethyl Ether	3.521	74	8105	52.668	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.887	101	15387	56.461	ug/l	97
10) Methyl Iodide	4.076	142	15672	43.396	ug/l	92
11) Tert butyl alcohol	4.948	59	9151	226.443	ug/l #	91
12) 1,1-Dichloroethene	3.857	96	14640	57.918	ug/l	81
13) Acrolein	3.716	56	2115	106.297	ug/l	94
14) Allyl chloride	4.466	41	20271	46.610	ug/l	95
15) Acrylonitrile	5.161	53	24988	295.104	ug/l	95
16) Acetone	3.936	43	21619	287.615	ug/l	90
17) Carbon Disulfide	4.180	76	80898	92.213	ug/l	98
18) Methyl Acetate	4.460	43	15777	71.487	ug/l #	90
19) Methyl tert-butyl Ether	5.210	73	41823	54.667	ug/l	99
20) Methylene Chloride	4.704	84	17589	49.361	ug/l #	82
21) trans-1,2-Dichloroethene	5.204	96	15288	51.618	ug/l	84
22) Diisopropyl ether	6.106	45	49051	53.051	ug/l #	91
23) Vinyl Acetate	6.051	43	131839	204.933	ug/l #	94
24) 1,1-Dichloroethane	6.003	63	28490	54.641	ug/l	98
25) 2-Butanone	6.978	43	31263	257.107	ug/l #	88
26) 2,2-Dichloropropane	6.978	77	23153	45.054	ug/l	94
27) cis-1,2-Dichloroethene	6.972	96	17469	50.099	ug/l	89
28) Bromochloromethane	7.319	49	11602	52.941	ug/l	83
29) Tetrahydrofuran	7.338	42	21682	275.686	ug/l	92
30) Chloroform	7.496	83	29172	51.120	ug/l	94
31) Cyclohexane	7.777	56	22823	45.021	ug/l	89
32) 1,1,1-Trichloroethane	7.691	97	26801	53.270	ug/l	98
36) 1,1-Dichloropropene	7.911	75	21193	53.563	ug/l	97
37) Ethyl Acetate	7.069	43	14838	59.827	ug/l	99
38) Carbon Tetrachloride	7.892	117	24860	58.749	ug/l	92
39) Methylcyclohexane	9.179	83	21663	45.612	ug/l	94
40) Benzene	8.155	78	62893	54.131	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	20773	161.299	ug/l #	42
42) 1,2-Dichloroethane	8.228	62	20522	58.833	ug/l	91
43) Isopropyl Acetate	8.264	43	26638	57.563	ug/l #	94
44) Trichloroethene	8.935	130	17677	53.857	ug/l	89
45) 1,2-Dichloropropane	9.215	63	15767	53.623	ug/l	97
46) Dibromomethane	9.301	93	9863	57.152	ug/l	99
47) Bromodichloromethane	9.490	83	22522	54.830	ug/l	96
48) Methyl methacrylate	9.282	41	11186	56.104	ug/l	84
49) 1,4-Dioxane	9.289	88	3881	1527.077	ug/l	89
51) 4-Methyl-2-Pentanone	10.063	43	73222	300.876	ug/l	95
52) Toluene	10.240	92	40074	54.127	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	20928	48.348	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	24166	50.068	ug/l	90
55) 1,1,2-Trichloroethane	10.642	97	13856	55.655	ug/l	95
56) Ethyl methacrylate	10.508	69	17919	54.212	ug/l	90
57) 1,3-Dichloropropane	10.788	76	22631	55.141	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	35120	217.504	ug/l	93
59) 2-Hexanone	10.825	43	49629	294.300	ug/l	95
60) Dibromochloromethane	10.977	129	16268	53.960	ug/l	98
61) 1,2-Dibromoethane	11.081	107	13146	55.079	ug/l	99
64) Tetrachloroethene	10.715	164	16437	46.416	ug/l	95
65) Chlorobenzene	11.514	112	41729	50.164	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	16945	54.153	ug/l	96
67) Ethyl Benzene	11.587	91	72971	50.248	ug/l	99
68) m/p-Xylenes	11.697	106	57787	102.029	ug/l	91
69) o-Xylene	12.026	106	28873	53.185	ug/l	90
70) Styrene	12.038	104	42341	46.695	ug/l	96
71) Bromoform	12.203	173	10573	53.014	ug/l #	98
73) Isopropylbenzene	12.325	105	72659	60.129	ug/l	97
74) N-amyl acetate	12.142	43	17303	50.327	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	17208	71.122	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	20601	110.142	ug/l #	100
77) Bromobenzene	12.605	156	17291	58.778	ug/l	92
78) n-propylbenzene	12.666	91	79638	54.551	ug/l	97
79) 2-Chlorotoluene	12.751	91	44909	54.947	ug/l	94
80) 1,3,5-Trimethylbenzene	12.812	105	56300	55.740	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.373	75	4214	46.111	ug/l	92
82) 4-Chlorotoluene	12.849	91	45788	53.457	ug/l	97
83) tert-Butylbenzene	13.074	119	51696	57.529	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	55203	54.910	ug/l	97
85) sec-Butylbenzene	13.251	105	66543	50.281	ug/l	97
86) p-Isopropyltoluene	13.367	119	55350	50.175	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	29409	50.645	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	27844	47.377	ug/l	98
89) n-Butylbenzene	13.696	91	43619	42.343	ug/l	97
90) Hexachloroethane	13.958	117	10165	46.963	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	27119	50.973	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.349	75	2761	65.106	ug/l	81
93) 1,2,4-Trichlorobenzene	15.007	180	9806	30.220	ug/l	97
94) Hexachlorobutadiene	15.111	225	3956	22.175	ug/l	92
95) Naphthalene	15.233	128	29062	43.318	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	8722	31.034	ug/l	93

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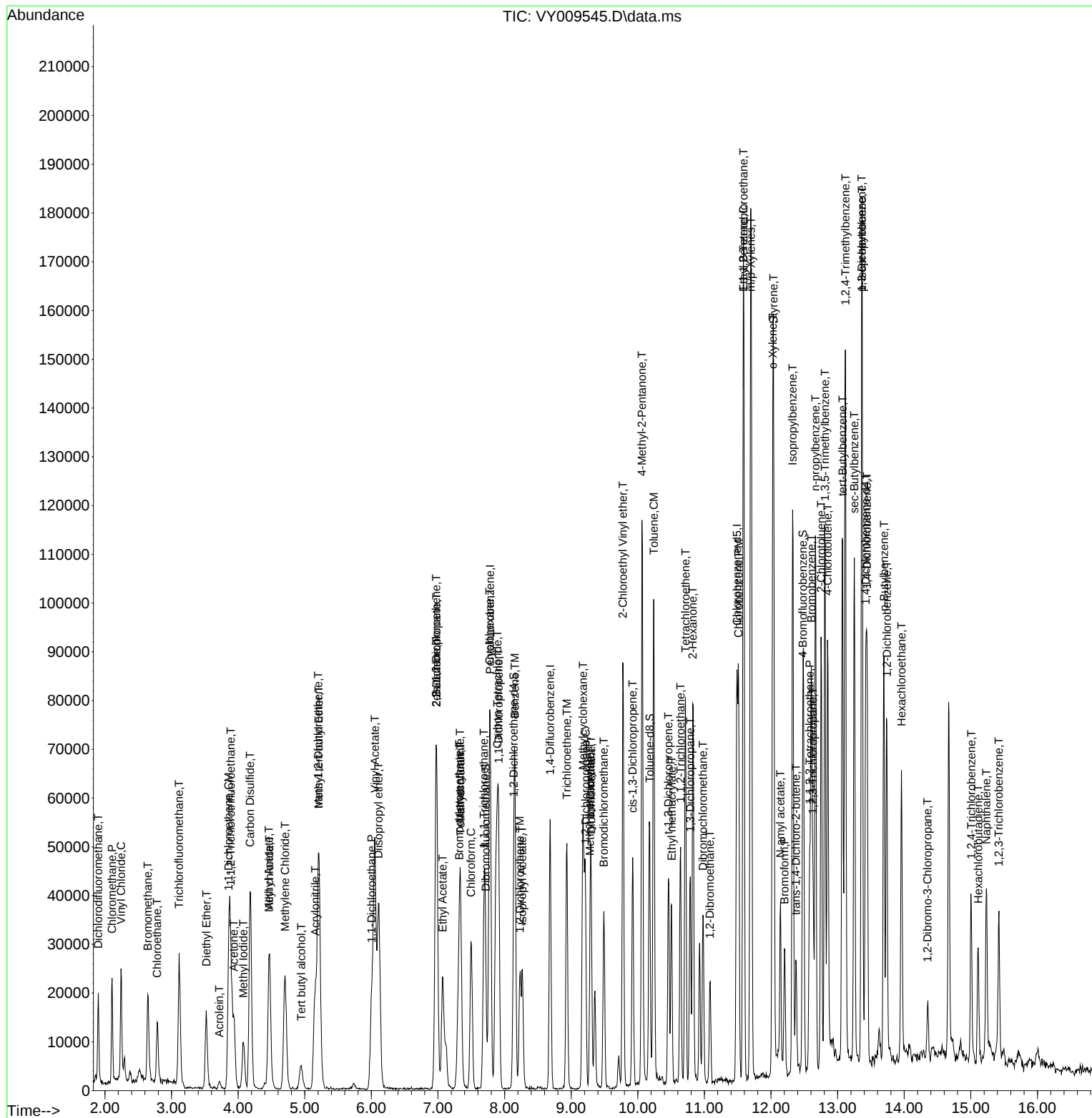
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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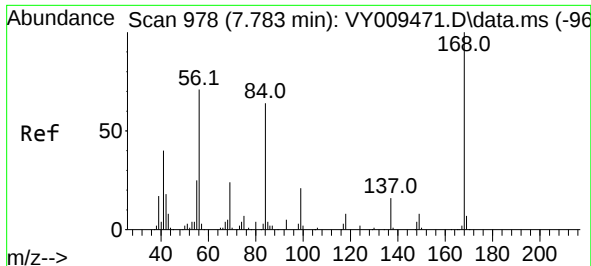
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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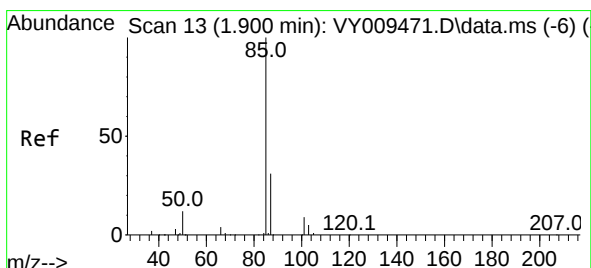
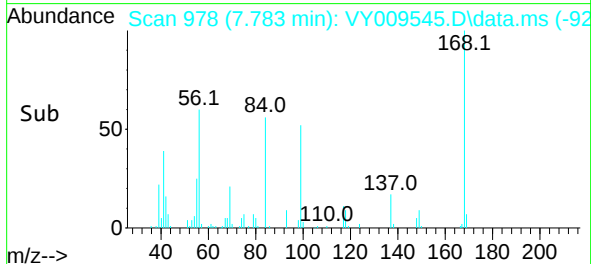
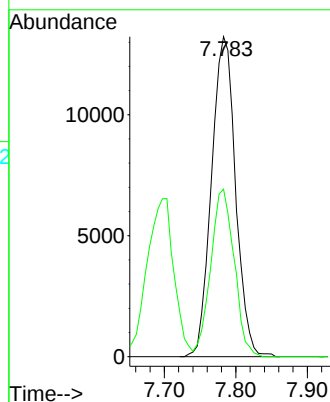
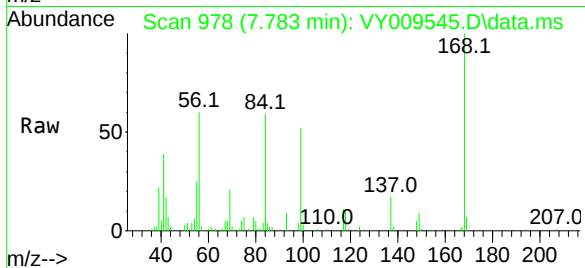




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009545.D
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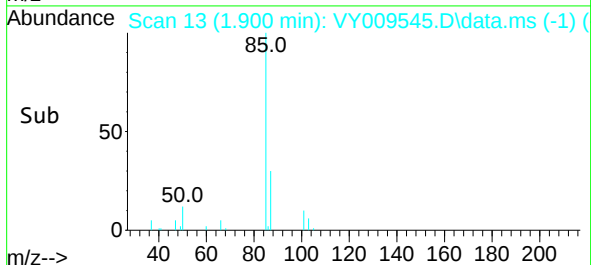
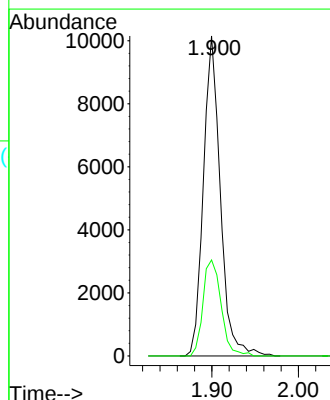
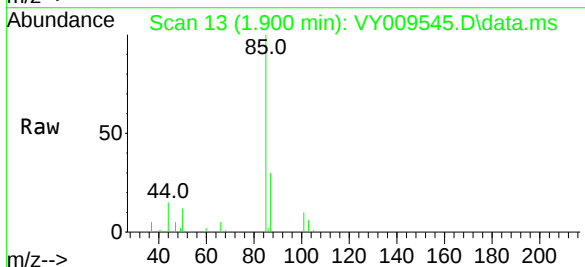
Instrument :
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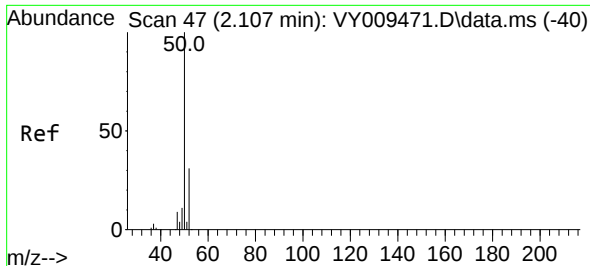
Tgt Ion:168 Resp: 30899
Ion Ratio Lower Upper
168 100
99 52.3 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 58.218 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009545.D
Acq: 12 Jul 2022 20:06

Tgt Ion: 85 Resp: 13795
Ion Ratio Lower Upper
85 100
87 30.0 16.1 48.2

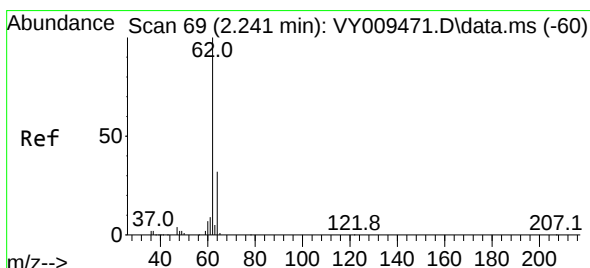
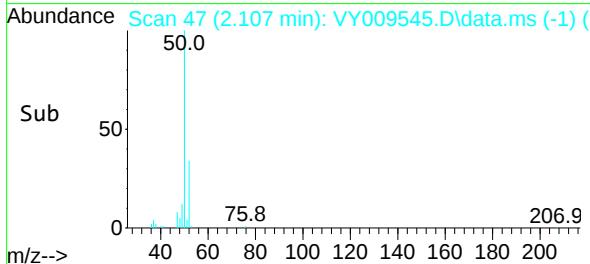
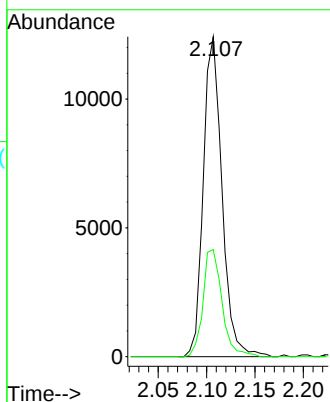
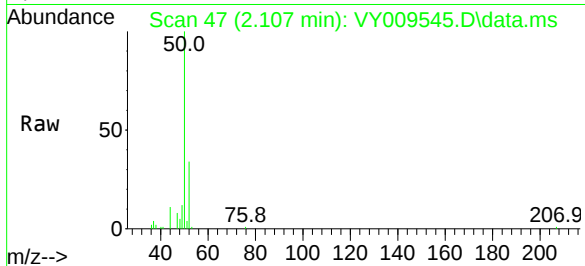




#3
Chloromethane
Concen: 63.292 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY009545.D
Acq: 12 Jul 2022 20:06

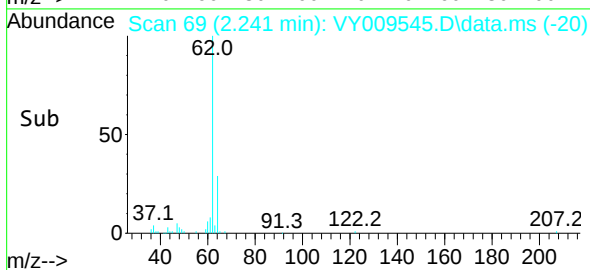
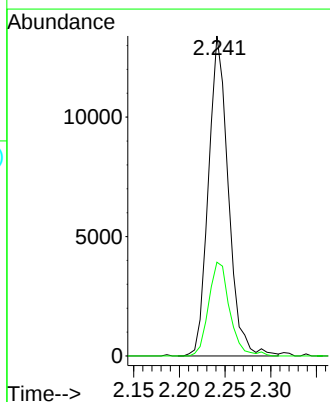
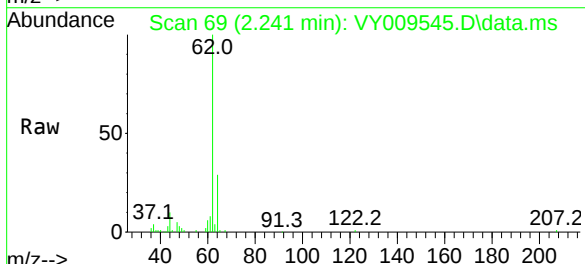
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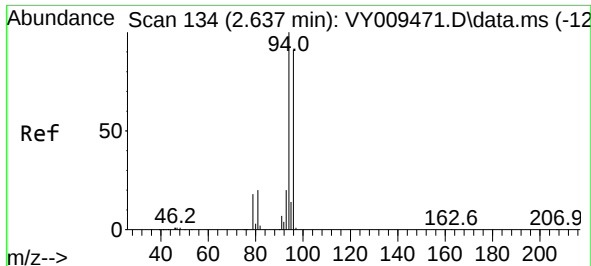
Tgt Ion: 50 Resp: 16748
Ion Ratio Lower Upper
50 100
52 33.5 24.6 37.0



#4
Vinyl Chloride
Concen: 67.269 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.000 min
Lab File: VY009545.D
Acq: 12 Jul 2022 20:06

Tgt Ion: 62 Resp: 20266
Ion Ratio Lower Upper
62 100
64 29.3 25.0 37.6

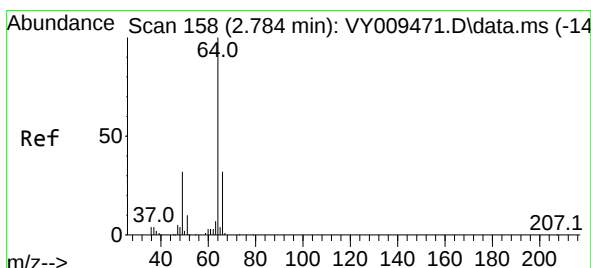
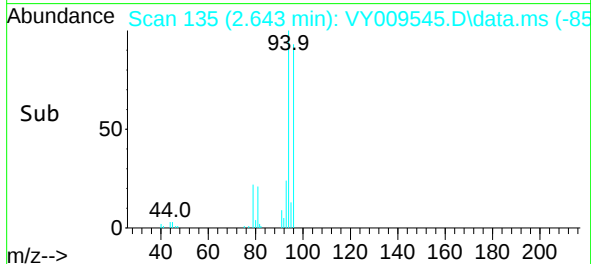
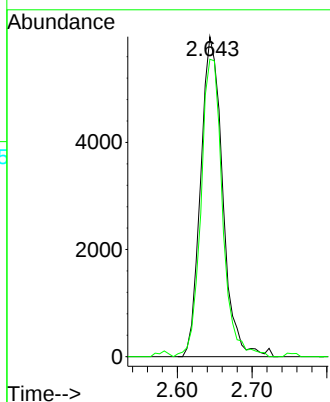
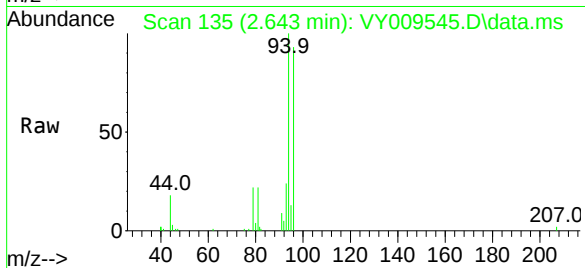




#5
Bromomethane
Concen: 56.454 ug/l
RT: 2.643 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009545.D
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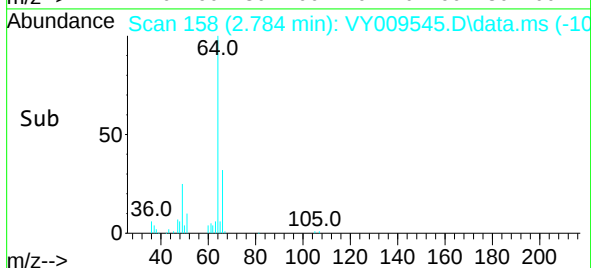
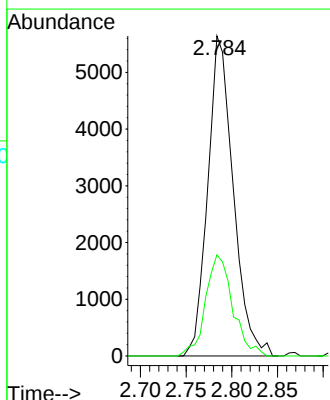
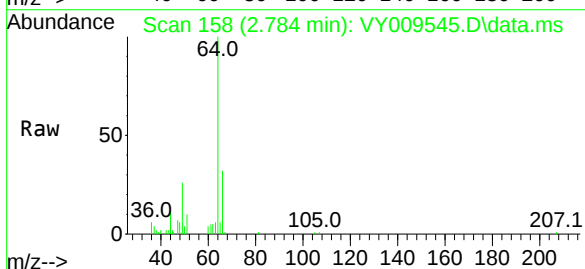
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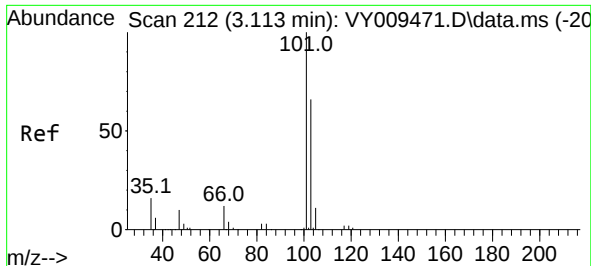
Tgt Ion: 94 Resp: 12219
Ion Ratio Lower Upper
94 100
96 93.0 73.5 110.3



#6
Chloroethane
Concen: 62.174 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY009545.D
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Tgt Ion: 64 Resp: 10936
Ion Ratio Lower Upper
64 100
66 31.6 25.4 38.0

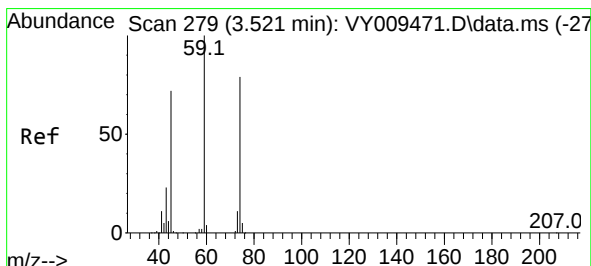
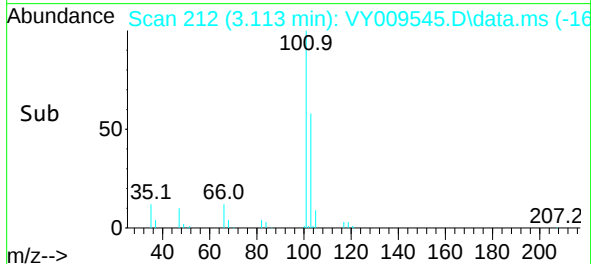
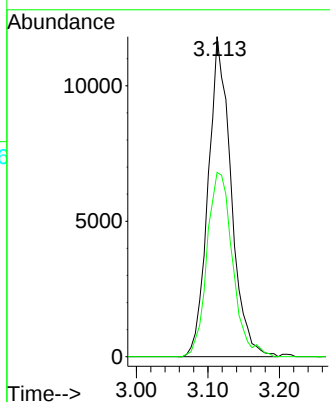
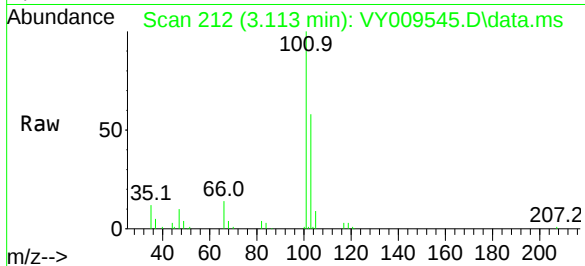




#7
 Trichlorofluoromethane
 Concen: 65.465 ug/l
 RT: 3.113 min Scan# 212
 Delta R.T. -0.000 min
 Lab File: VY009545.D
 Acq: 12 Jul 2022 20:06

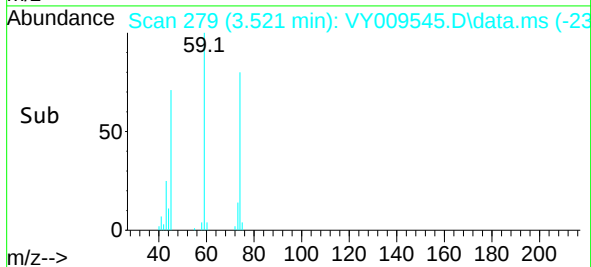
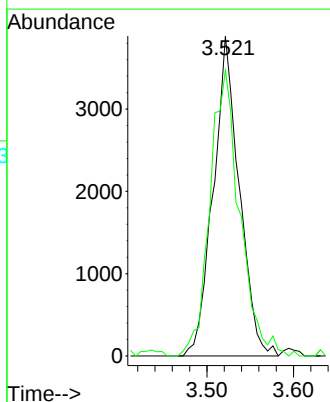
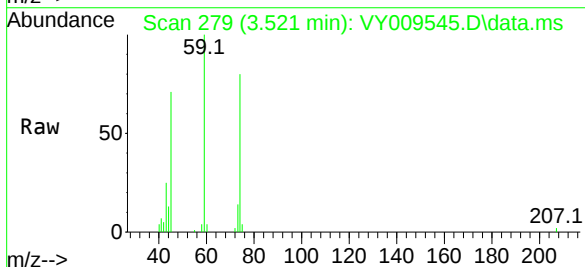
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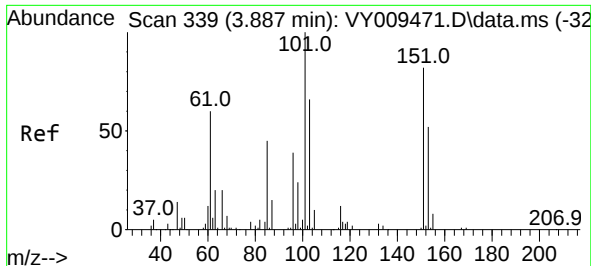
Tgt Ion:101 Resp: 26332
 Ion Ratio Lower Upper
 101 100
 103 57.6 48.0 72.0



#8
 Diethyl Ether
 Concen: 52.668 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VY009545.D
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Tgt Ion: 74 Resp: 8105
 Ion Ratio Lower Upper
 74 100
 45 102.3 55.1 165.5

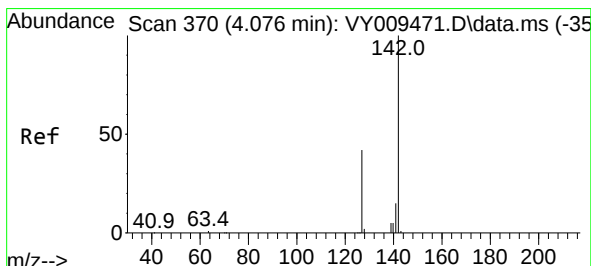
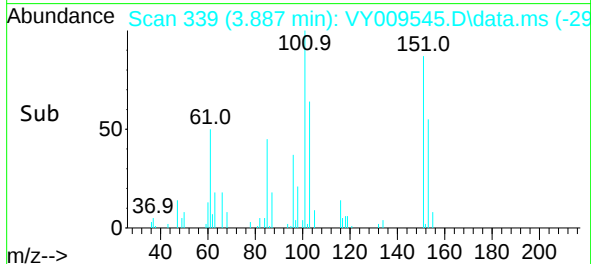
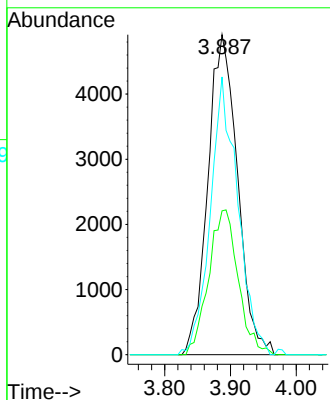
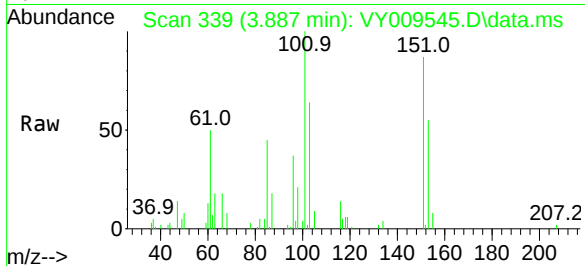




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 56.461 ug/l
 RT: 3.887 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VY009545.D
 Acq: 12 Jul 2022 20:06

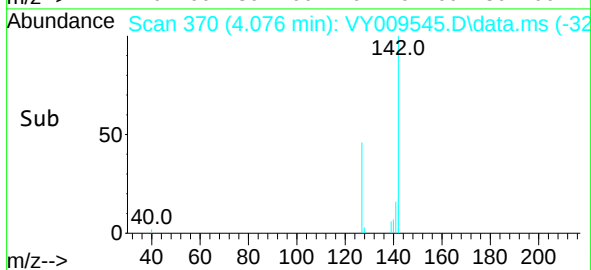
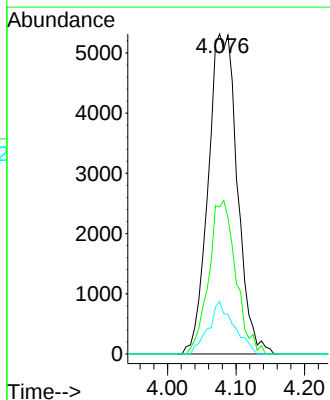
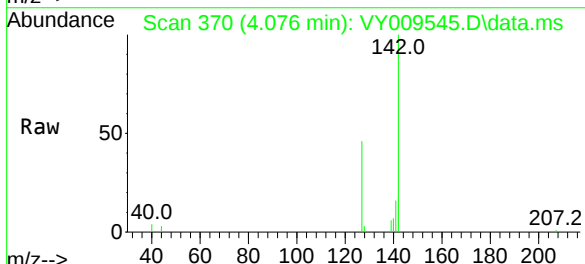
Instrument :
 MSVOA_Y
 ClientSampleId :
 20220487A-5AMS

Tgt Ion:	101	Resp:	15387
Ion	Ratio	Lower	Upper
101	100		
85	45.2	40.6	60.8
151	80.5	64.9	97.3



#10
 Methyl Iodide
 Concen: 43.396 ug/l
 RT: 4.076 min Scan# 370
 Delta R.T. 0.000 min
 Lab File: VY009545.D
 Acq: 12 Jul 2022 20:06

Tgt Ion:	142	Resp:	15672
Ion	Ratio	Lower	Upper
142	100		
127	44.5	41.5	62.3
141	14.4	11.9	17.9

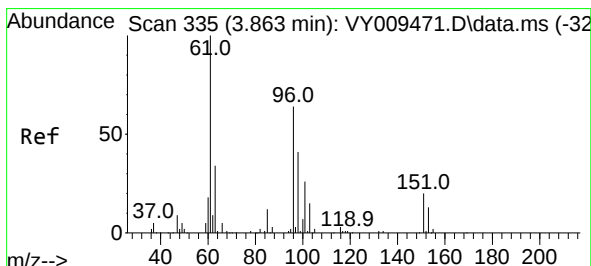
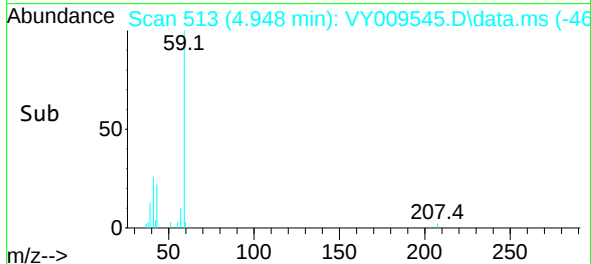
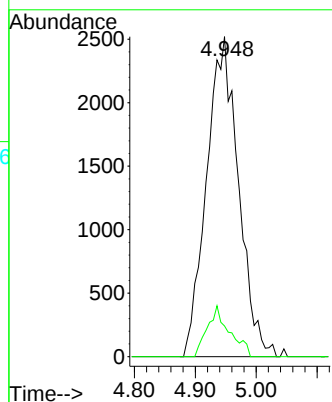
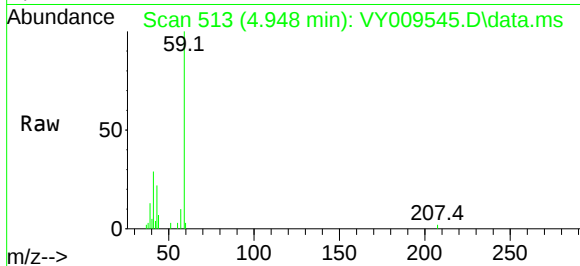




#11
Tert butyl alcohol
Concen: 226.443 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY009545.D
Acq: 12 Jul 2022 20:06

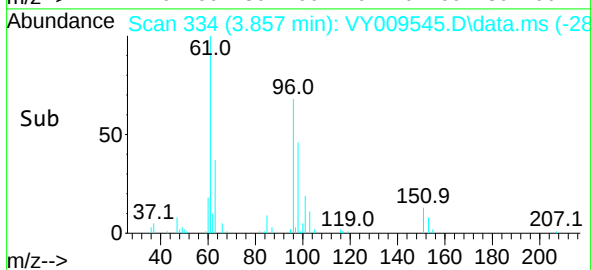
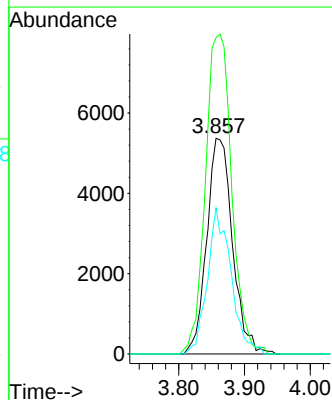
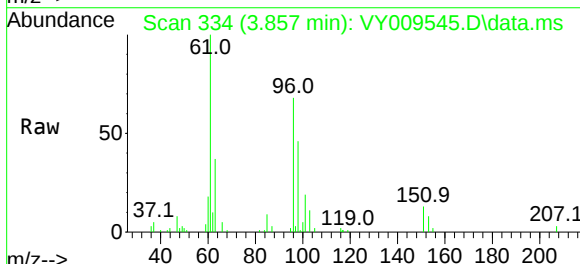
Instrument :
MSVOA_Y
ClientSampleId :
20220487A-5AMS

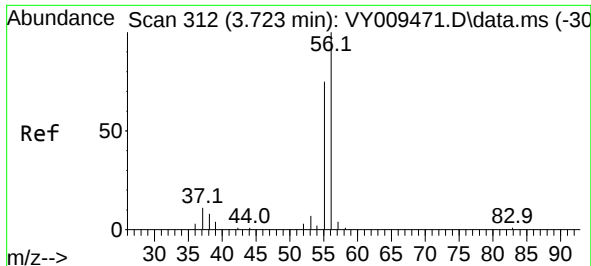
Tgt Ion: 59 Resp: 9151
Ion Ratio Lower Upper
59 100
57 11.0 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 57.918 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.006 min
Lab File: VY009545.D
Acq: 12 Jul 2022 20:06

Tgt Ion: 96 Resp: 14640
Ion Ratio Lower Upper
96 100
61 146.7 145.8 218.6
98 67.6 52.5 78.7

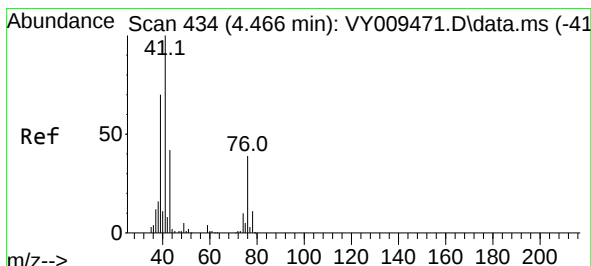
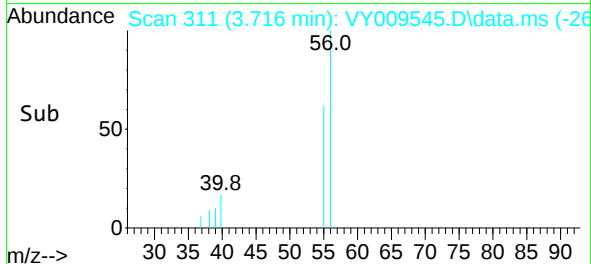
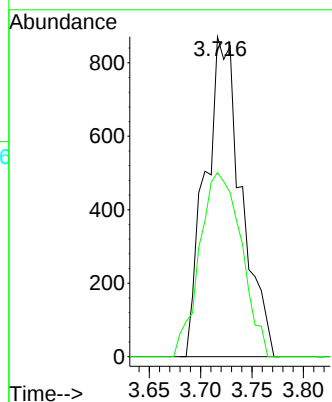
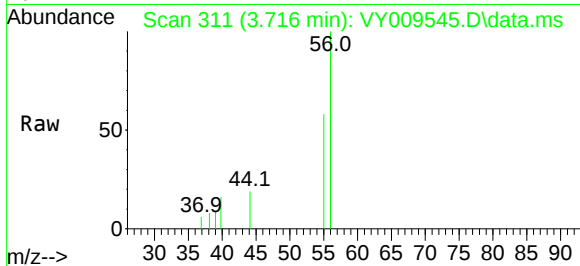




#13
Acrolein
Concen: 106.297 ug/l
RT: 3.716 min Scan# 311
Delta R.T. -0.007 min
Lab File: VY009545.D
Acq: 12 Jul 2022 20:06

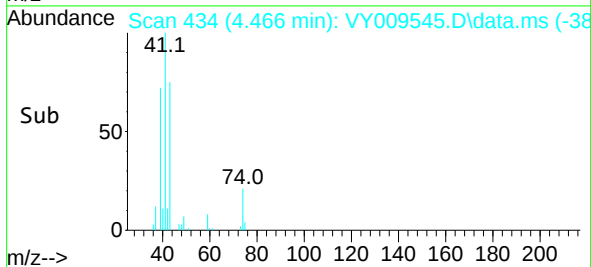
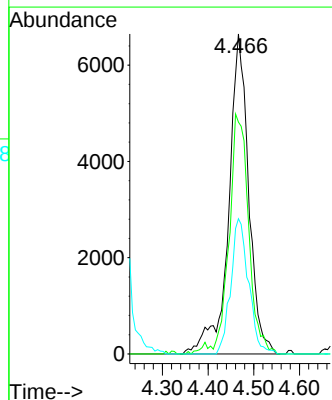
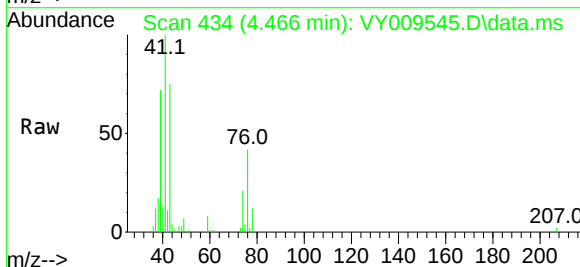
Instrument :
MSVOA_Y
ClientSampleId :
20220487A-5AMS

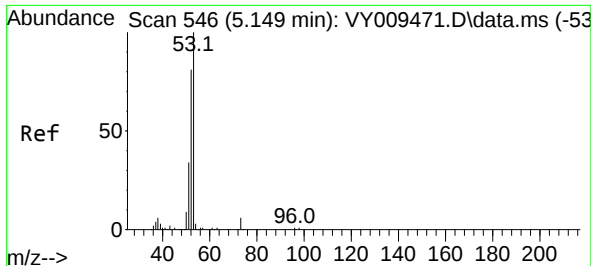
Tgt Ion: 56 Resp: 2115
Ion Ratio Lower Upper
56 100
55 66.9 57.6 86.4



#14
Allyl chloride
Concen: 46.610 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY009545.D
Acq: 12 Jul 2022 20:06

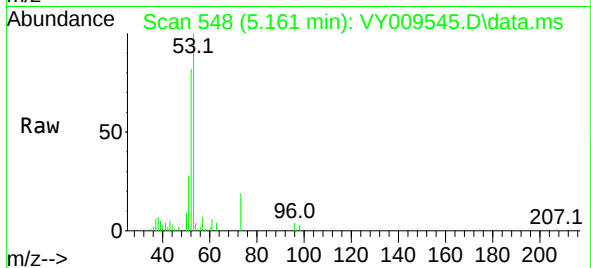
Tgt Ion: 41 Resp: 20271
Ion Ratio Lower Upper
41 100
39 72.0 58.8 88.2
76 37.6 25.1 37.7



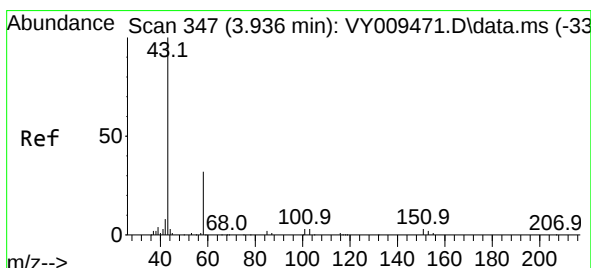
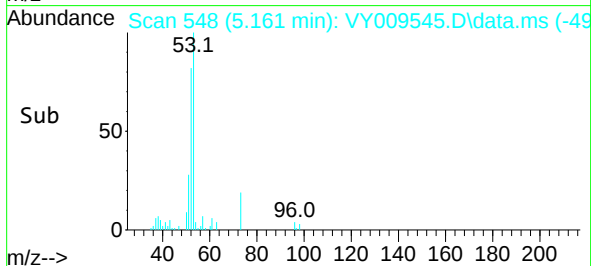
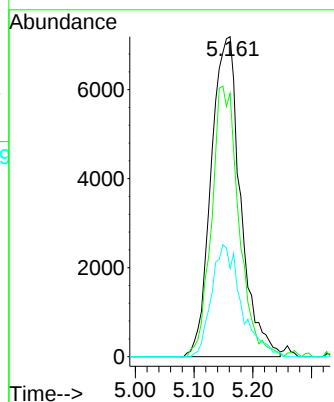


#15
Acrylonitrile
Concen: 295.104 ug/l
RT: 5.161 min Scan# 546
Delta R.T. 0.012 min
Lab File: VY009545.D
Acq: 12 Jul 2022 20:06

Instrument :
MSVOA_Y
ClientSampleId :
20220487A-5AMS

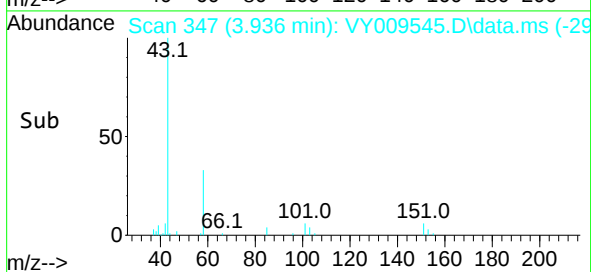
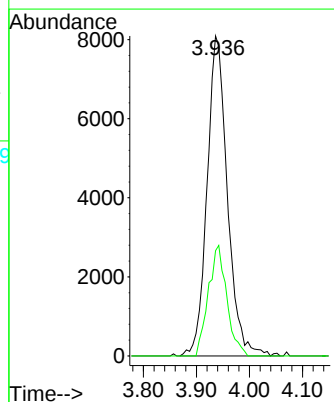
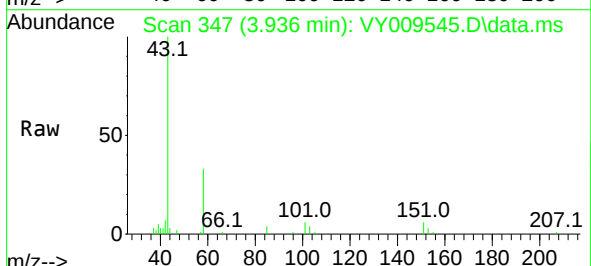


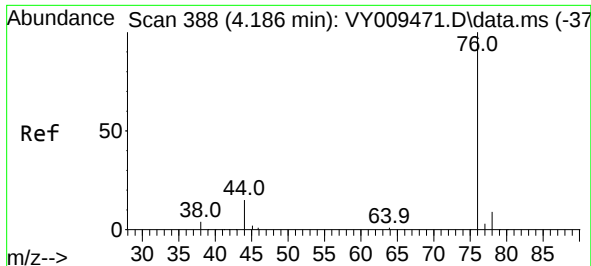
Tgt Ion: 53 Resp: 24988
Ion Ratio Lower Upper
53 100
52 78.3 67.0 100.4
51 35.5 29.8 44.6



#16
Acetone
Concen: 287.615 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY009545.D
Acq: 12 Jul 2022 20:06

Tgt Ion: 43 Resp: 21619
Ion Ratio Lower Upper
43 100
58 32.9 22.0 33.0

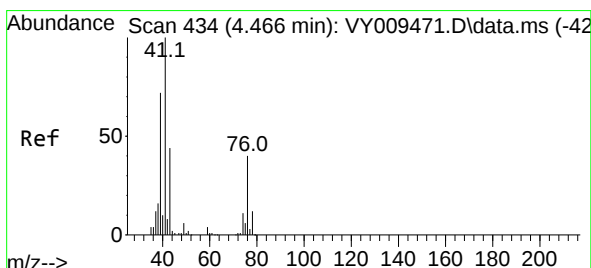
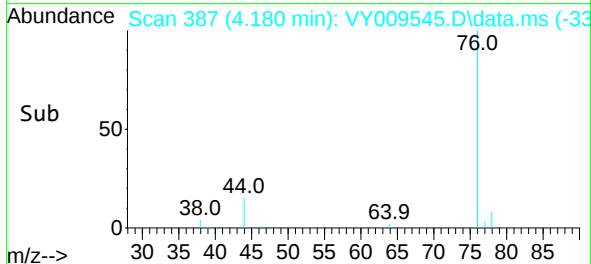
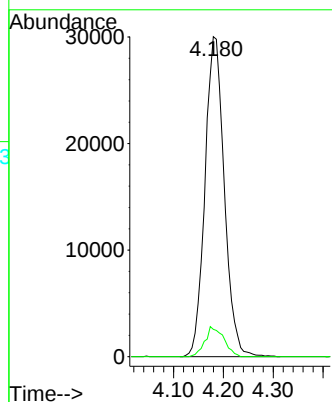
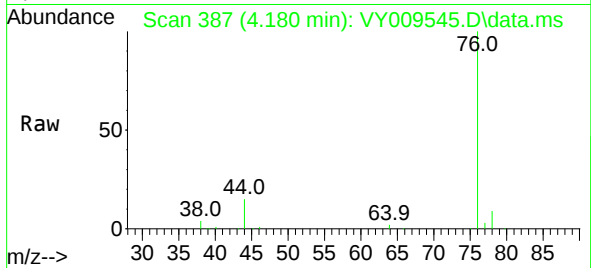




#17
Carbon Disulfide
Concen: 92.213 ug/l
RT: 4.180 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY009545.D
Acq: 12 Jul 2022 20:06

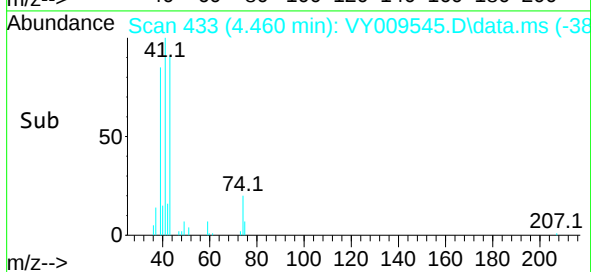
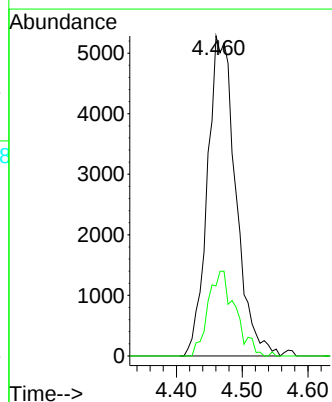
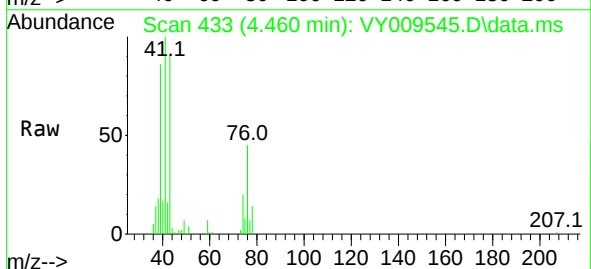
Instrument :
MSVOA_Y
ClientSampleId :
20220487A-5AMS

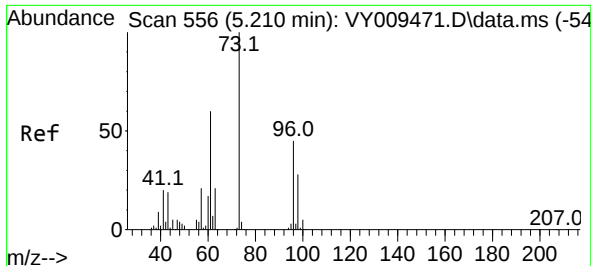
Tgt Ion: 76 Resp: 80898
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0



#18
Methyl Acetate
Concen: 71.487 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.006 min
Lab File: VY009545.D
Acq: 12 Jul 2022 20:06

Tgt Ion: 43 Resp: 15777
Ion Ratio Lower Upper
43 100
74 25.5 16.6 24.8#

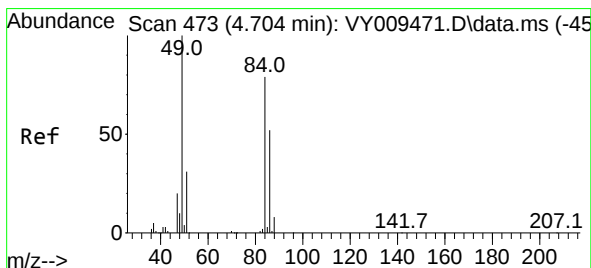
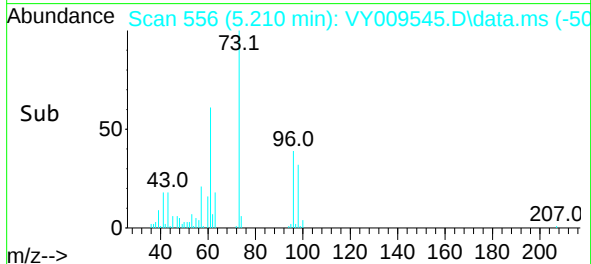
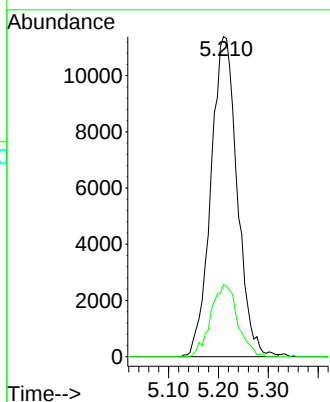
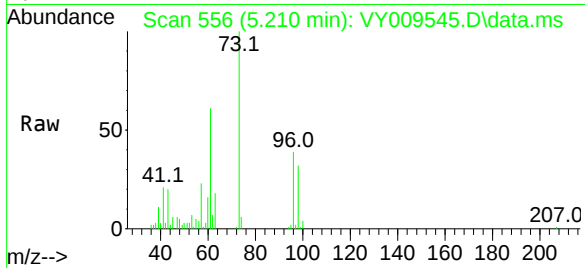




#19
Methyl tert-butyl Ether
Concen: 54.667 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY009545.D
Acq: 12 Jul 2022 20:06

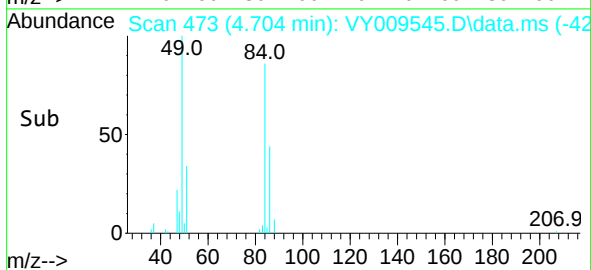
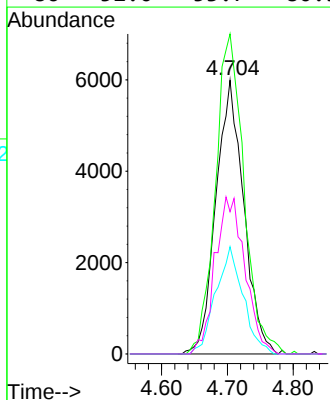
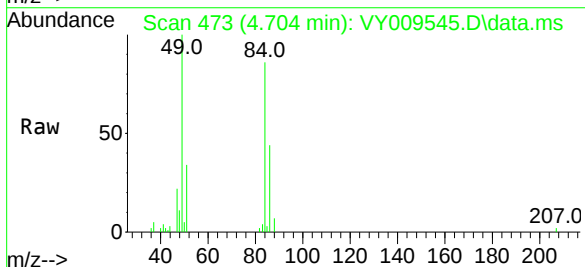
Instrument :
MSVOA_Y
ClientSampleId :
20220487A-5AMS

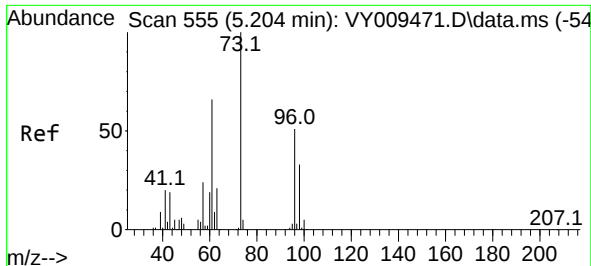
Tgt Ion: 73 Resp: 41823
Ion Ratio Lower Upper
73 100
57 22.5 18.6 27.8



#20
Methylene Chloride
Concen: 49.361 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY009545.D
Acq: 12 Jul 2022 20:06

Tgt Ion: 84 Resp: 17589
Ion Ratio Lower Upper
84 100
49 116.9 114.4 171.6
51 39.2 35.3 52.9
86 52.0 53.7 80.5#

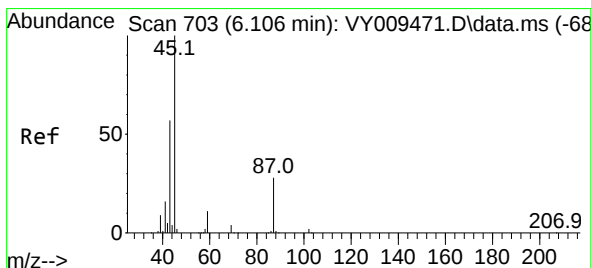
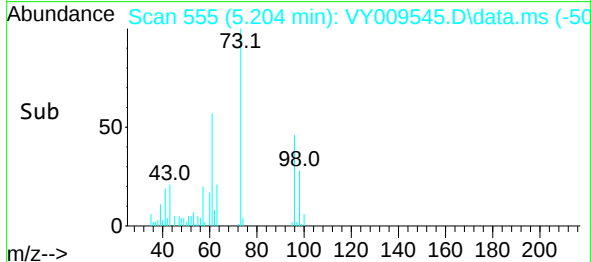
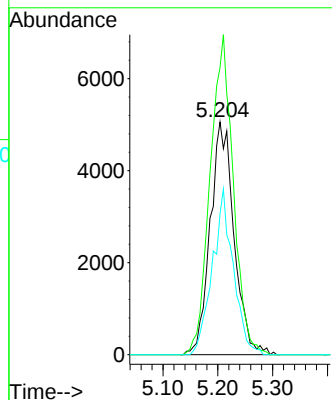
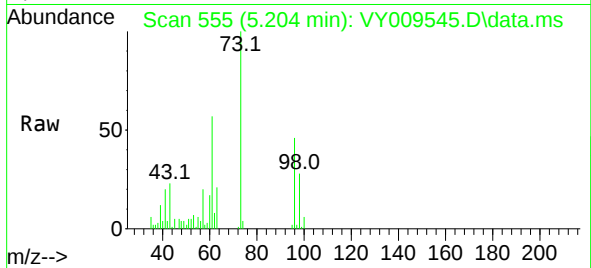




#21
trans-1,2-Dichloroethene
Concen: 51.618 ug/l
RT: 5.204 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY009545.D
Acq: 12 Jul 2022 20:06

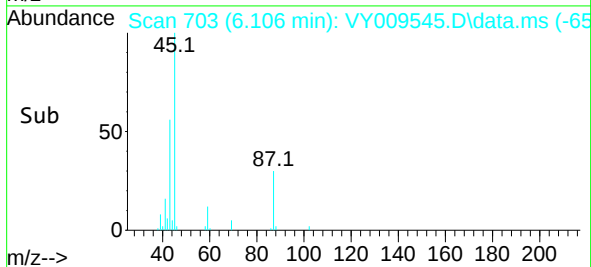
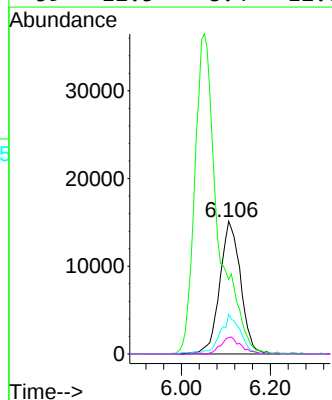
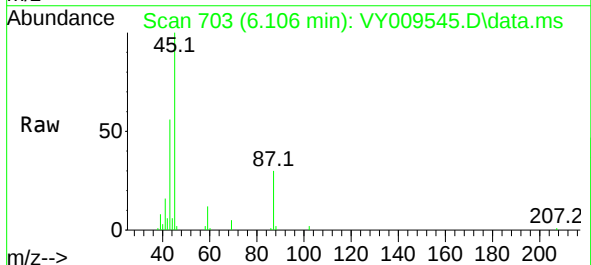
Instrument :
MSVOA_Y
ClientSampleId :
20220487A-5AMS

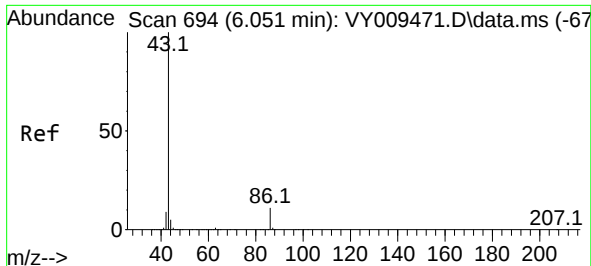
Tgt Ion: 96 Resp: 15288
Ion Ratio Lower Upper
96 100
61 123.6 120.5 180.7
98 60.5 49.8 74.8



#22
Diisopropyl ether
Concen: 53.051 ug/l
RT: 6.106 min Scan# 703
Delta R.T. 0.000 min
Lab File: VY009545.D
Acq: 12 Jul 2022 20:06

Tgt Ion: 45 Resp: 49051
Ion Ratio Lower Upper
45 100
43 55.6 49.3 73.9
87 29.9 19.2 28.8#
59 12.5 8.4 12.6

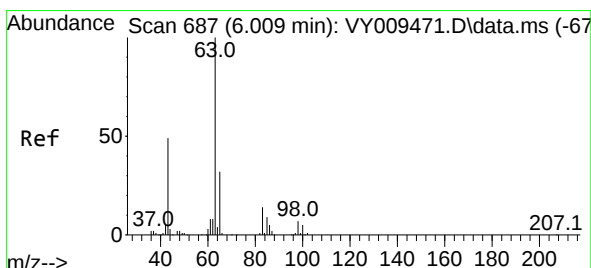
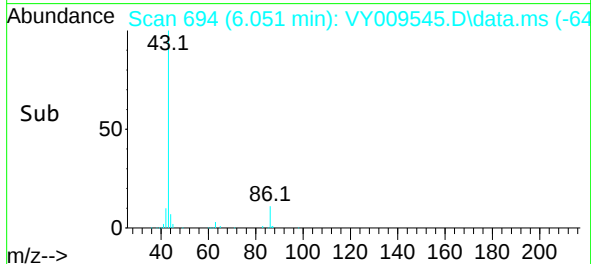
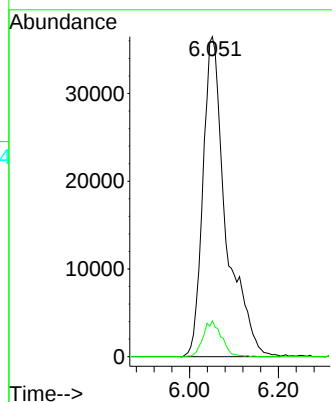
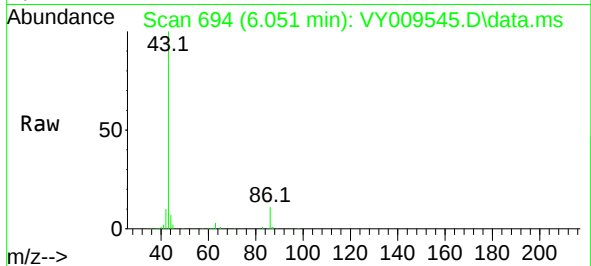




#23
 Vinyl Acetate
 Concen: 204.933 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY009545.D
 Acq: 12 Jul 2022 20:06

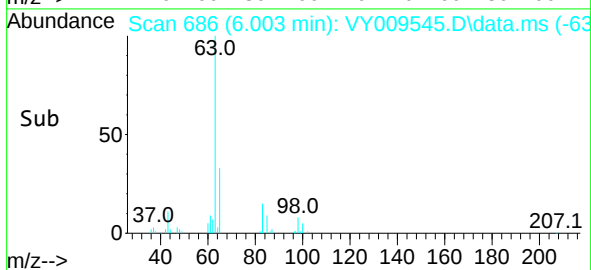
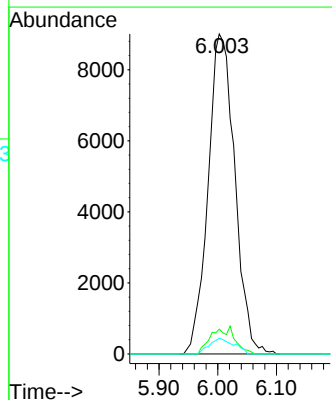
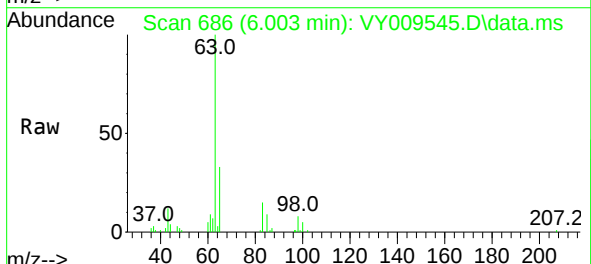
Instrument :
 MSVOA_Y
 ClientSampleId :
 20220487A-5AMS

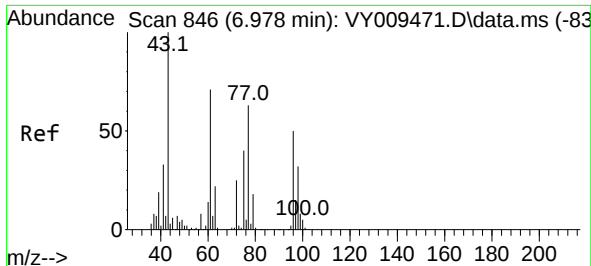
Tgt Ion: 43 Resp: 131839
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 54.641 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. -0.006 min
 Lab File: VY009545.D
 Acq: 12 Jul 2022 20:06

Tgt Ion: 63 Resp: 28490
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.6 10.8
 100 5.0 2.0 5.8

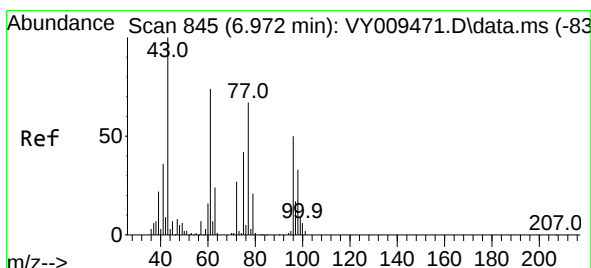
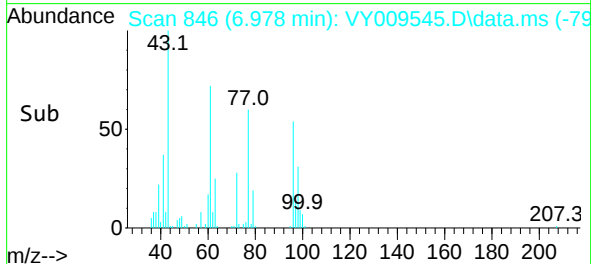
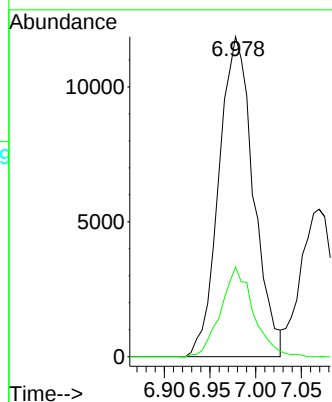
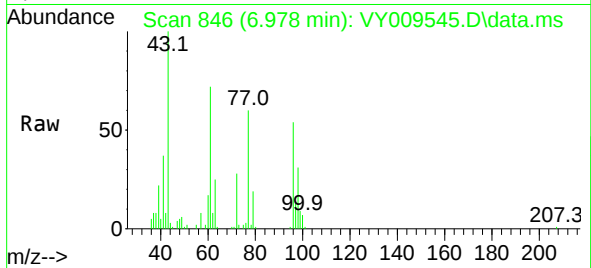




#25
2-Butanone
Concen: 257.107 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY009545.D
Acq: 12 Jul 2022 20:06

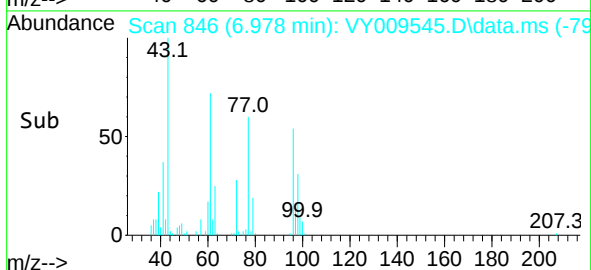
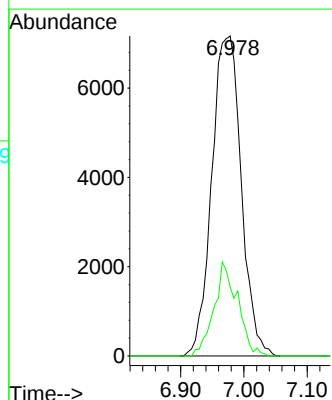
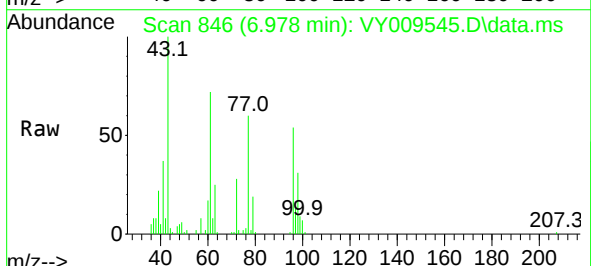
Instrument :
MSVOA_Y
ClientSampleId :
20220487A-5AMS

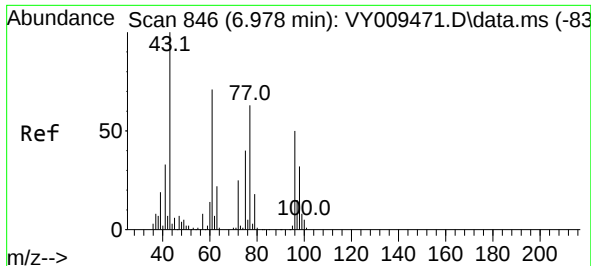
Tgt Ion: 43 Resp: 31263
Ion Ratio Lower Upper
43 100
72 28.1 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 45.054 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY009545.D
Acq: 12 Jul 2022 20:06

Tgt Ion: 77 Resp: 23153
Ion Ratio Lower Upper
77 100
97 23.6 10.4 31.4

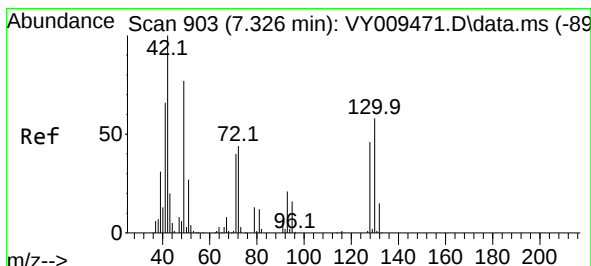
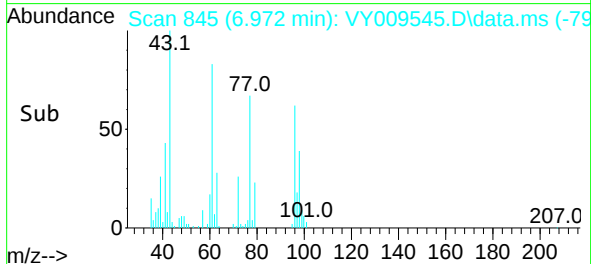
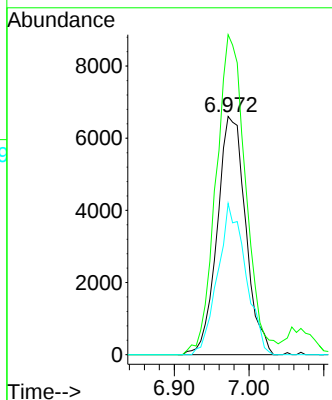
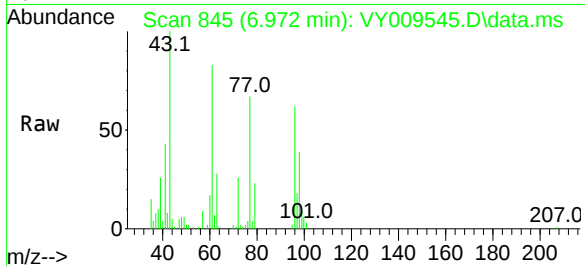




#27
 cis-1,2-Dichloroethene
 Concen: 50.099 ug/l
 RT: 6.972 min Scan# 846
 Delta R.T. -0.006 min
 Lab File: VY009545.D
 Acq: 12 Jul 2022 20:06

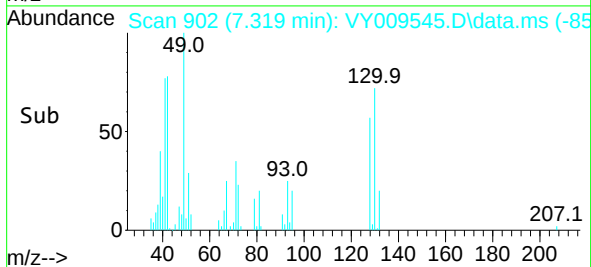
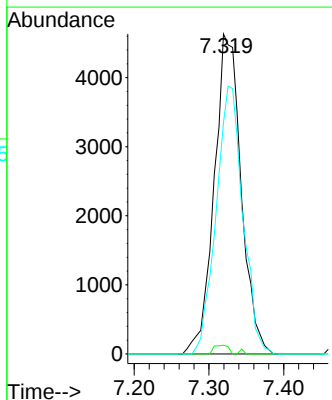
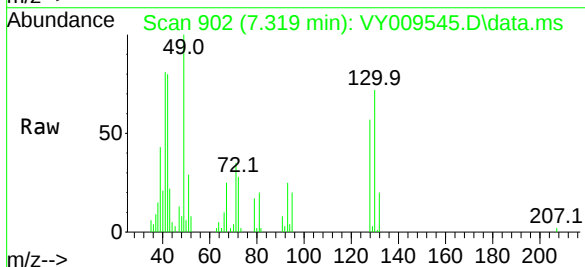
Instrument :
 MSVOA_Y
 ClientSampleId :
 20220487A-5AMS

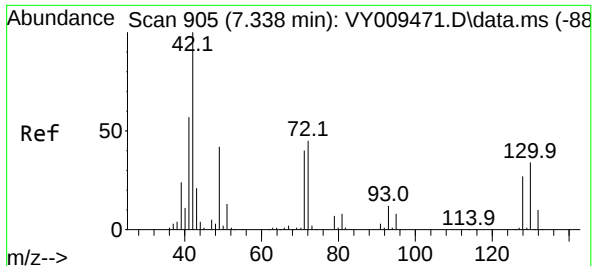
Tgt Ion: 96 Resp: 17469
 Ion Ratio Lower Upper
 96 100
 61 139.9 0.0 319.8
 98 62.4 0.0 127.0



#28
 Bromochloromethane
 Concen: 52.941 ug/l
 RT: 7.319 min Scan# 902
 Delta R.T. -0.007 min
 Lab File: VY009545.D
 Acq: 12 Jul 2022 20:06

Tgt Ion: 49 Resp: 11602
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 2.2
 130 83.0 55.4 83.0





#29

Tetrahydrofuran

Concen: 275.686 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.000 min

Lab File: VY009545.D

Acq: 12 Jul 2022 20:06

Instrument :

MSVOA_Y

ClientSampleId :

20220487A-5AMS

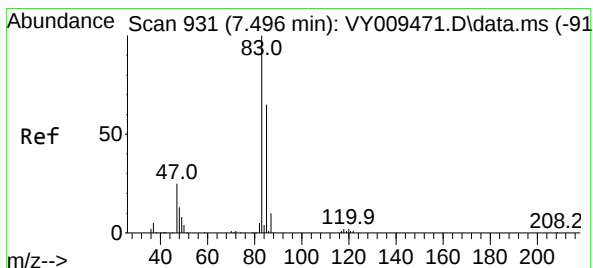
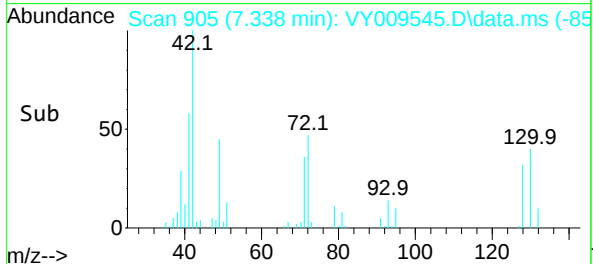
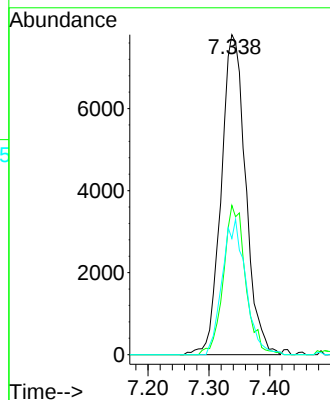
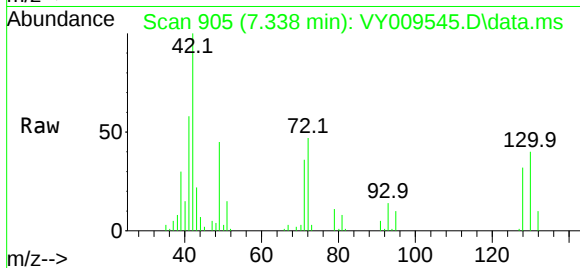
Tgt Ion: 42 Resp: 21682

Ion Ratio Lower Upper

42 100

72 42.4 30.3 45.5

71 40.6 29.0 43.4



#30

Chloroform

Concen: 51.120 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.000 min

Lab File: VY009545.D

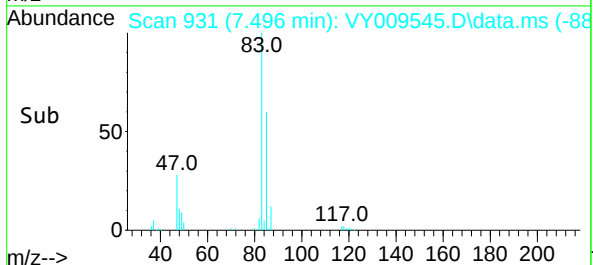
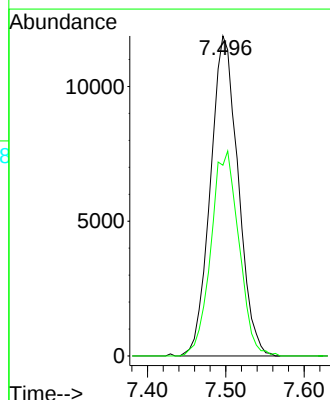
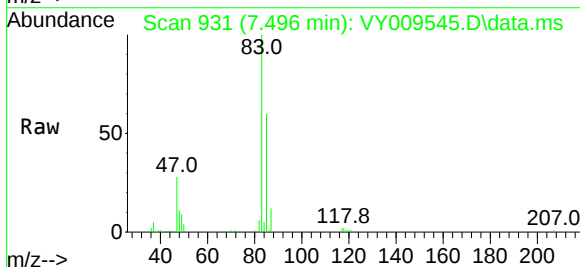
Acq: 12 Jul 2022 20:06

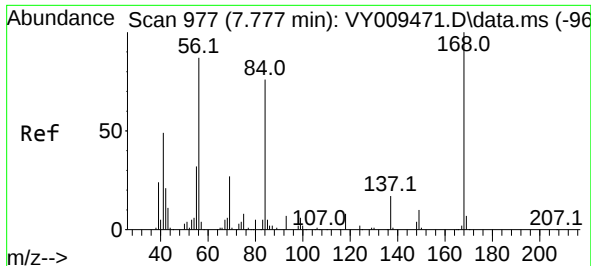
Tgt Ion: 83 Resp: 29172

Ion Ratio Lower Upper

83 100

85 59.6 51.8 77.6

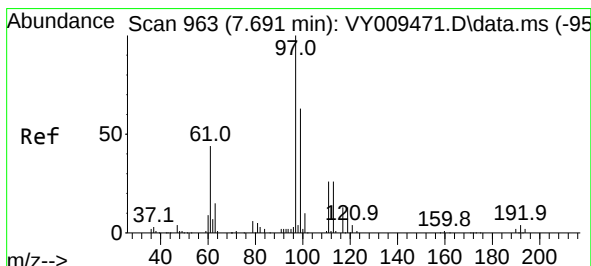
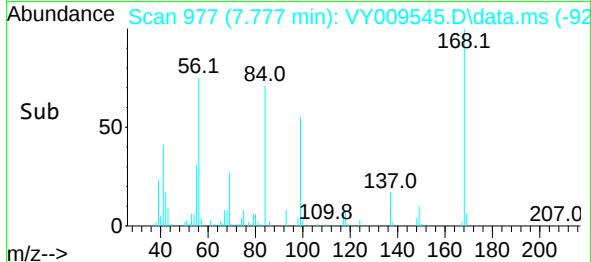
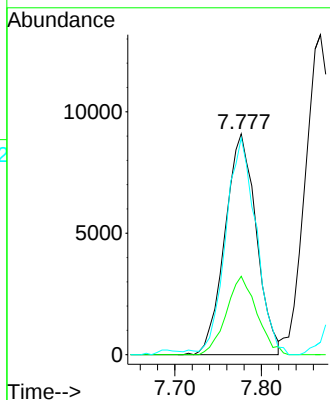
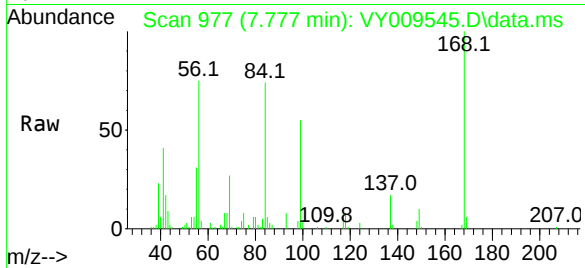




#31
Cyclohexane
Concen: 45.021 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009545.D
Acq: 12 Jul 2022 20:06

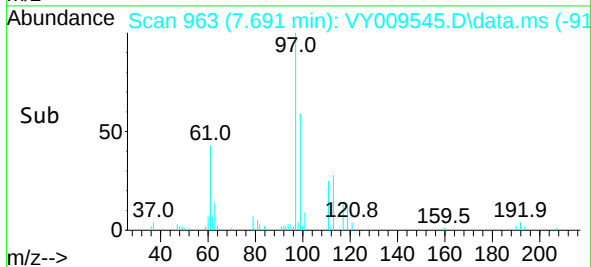
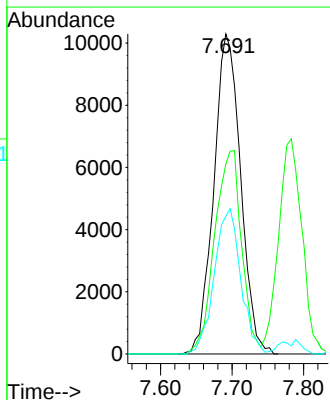
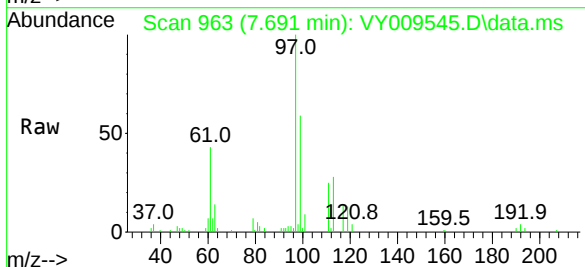
Instrument :
MSVOA_Y
ClientSampleId :
20220487A-5AMS

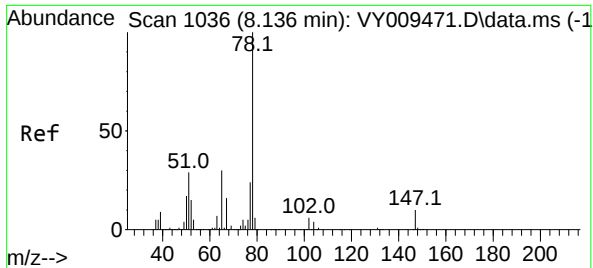
Tgt Ion: 56 Resp: 22823
Ion Ratio Lower Upper
56 100
69 35.5 26.7 40.1
84 96.7 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 53.270 ug/l
RT: 7.691 min Scan# 963
Delta R.T. 0.000 min
Lab File: VY009545.D
Acq: 12 Jul 2022 20:06

Tgt Ion: 97 Resp: 26801
Ion Ratio Lower Upper
97 100
99 64.0 50.7 76.1
61 44.8 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 55.041 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY009545.D

Acq: 12 Jul 2022 20:06

Instrument :

MSVOA_Y

ClientSampleId :

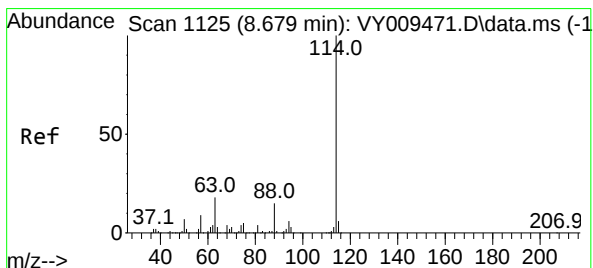
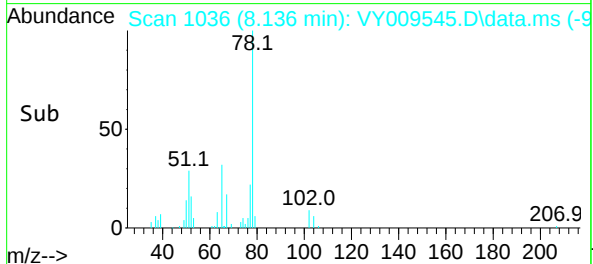
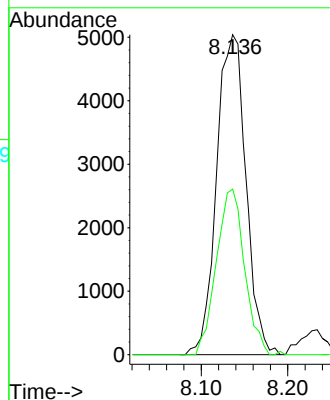
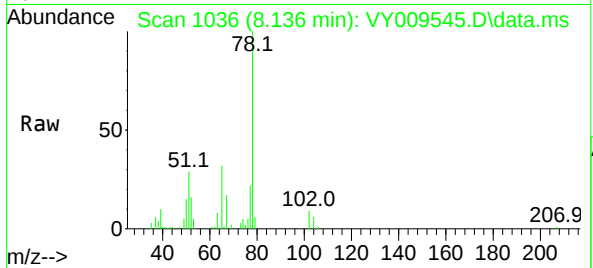
20220487A-5AMS

Tgt Ion: 65 Resp: 11838

Ion Ratio Lower Upper

65 100

67 49.7 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY009545.D

Acq: 12 Jul 2022 20:06

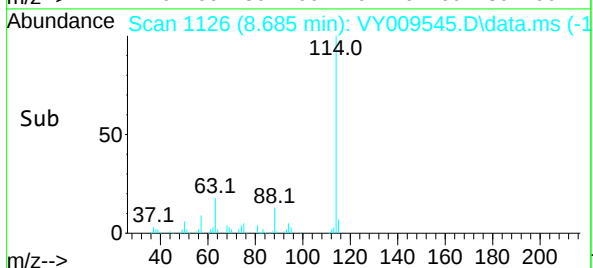
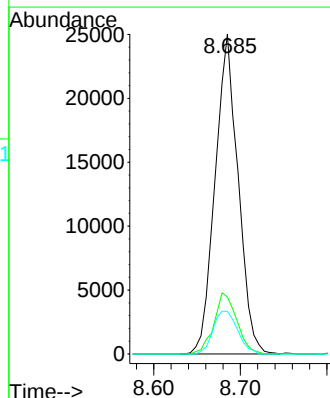
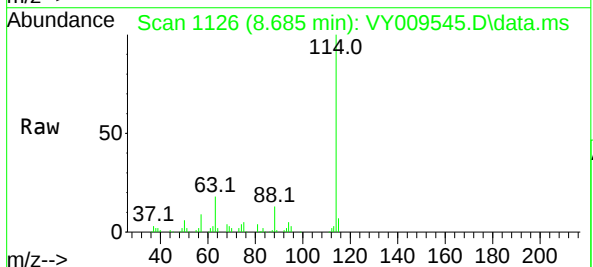
Tgt Ion: 114 Resp: 46189

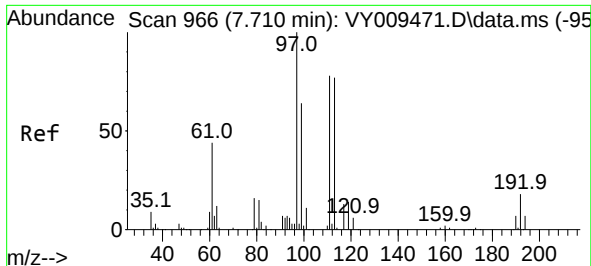
Ion Ratio Lower Upper

114 100

63 17.8 0.0 43.2

88 13.3 0.0 31.8





#35

Dibromofluoromethane

Concen: 52.528 ug/l

RT: 7.716 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY009545.D

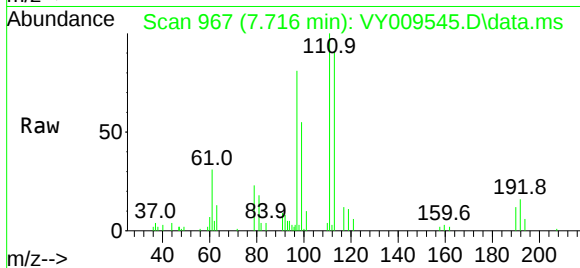
Acq: 12 Jul 2022 20:06

Instrument :

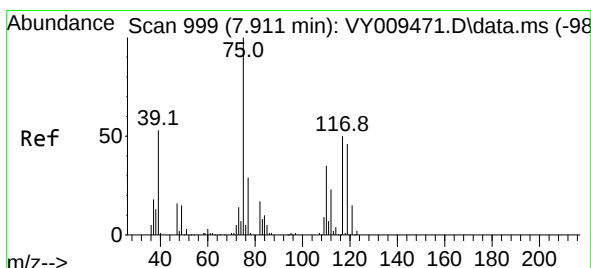
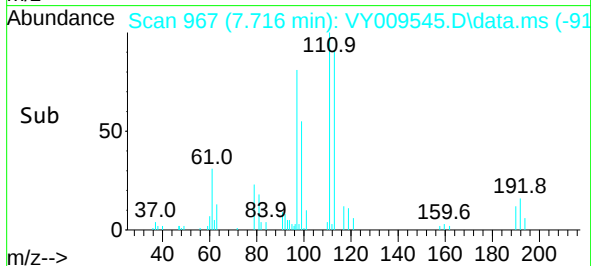
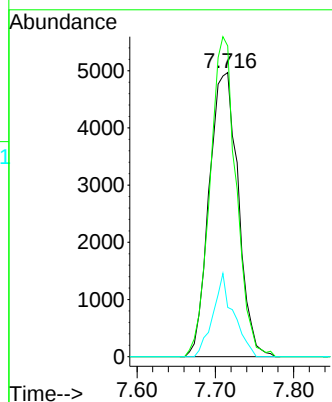
MSVOA_Y

ClientSampleId :

20220487A-5AMS



Tgt Ion:	113	Resp:	12766
Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.6	124.0
192	20.8	17.6	26.4



#36

1,1-Dichloropropene

Concen: 53.563 ug/l

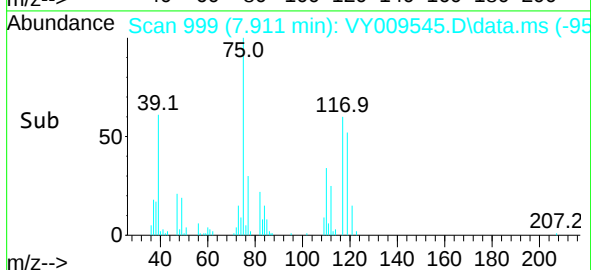
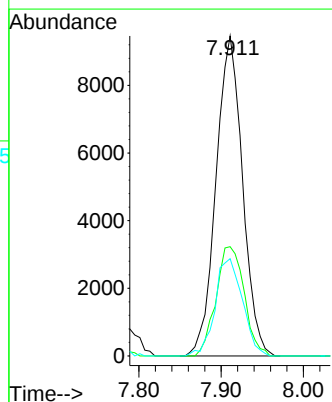
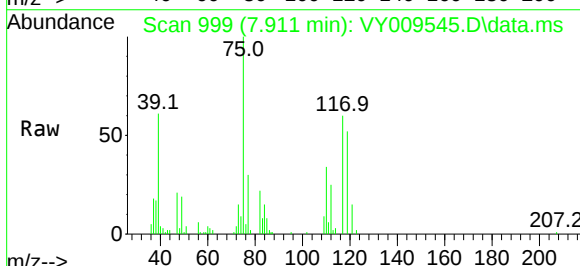
RT: 7.911 min Scan# 999

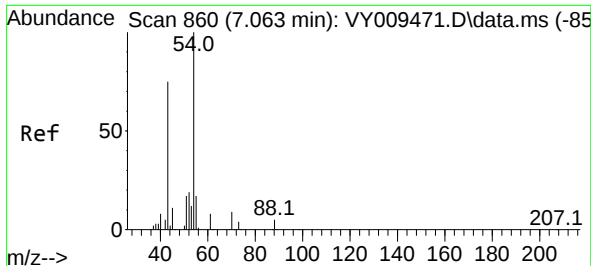
Delta R.T. -0.000 min

Lab File: VY009545.D

Acq: 12 Jul 2022 20:06

Tgt Ion:	75	Resp:	21193
Ion	Ratio	Lower	Upper
75	100		
110	36.3	17.1	51.2
77	31.5	24.4	36.6





#37

Ethyl Acetate

Concen: 59.827 ug/l

RT: 7.069 min Scan# 860

Delta R.T. 0.006 min

Lab File: VY009545.D

Acq: 12 Jul 2022 20:06

Instrument :

MSVOA_Y

ClientSampleId :

20220487A-5AMS

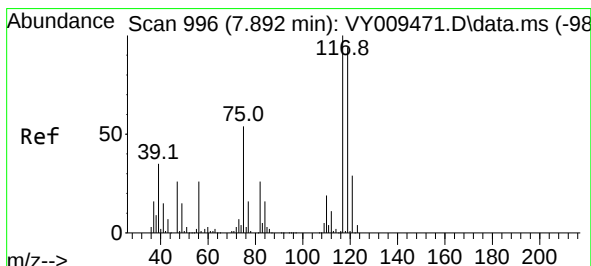
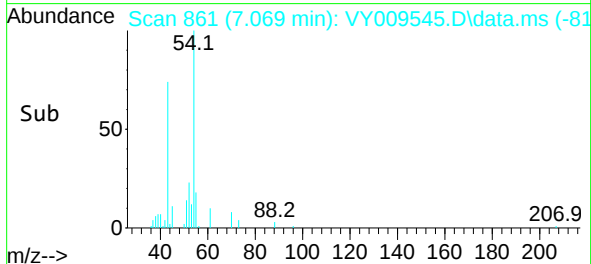
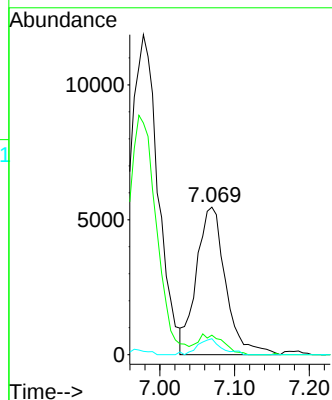
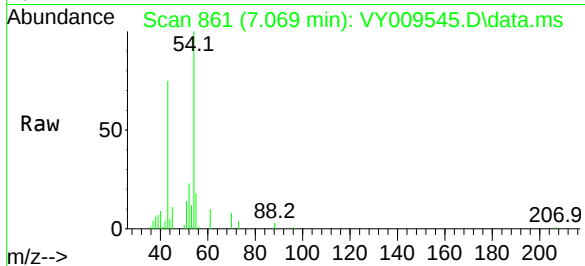
Tgt Ion: 43 Resp: 14838

Ion Ratio Lower Upper

43 100

61 12.4 9.7 14.5

70 8.7 7.1 10.7



#38

Carbon Tetrachloride

Concen: 58.749 ug/l

RT: 7.892 min Scan# 996

Delta R.T. 0.000 min

Lab File: VY009545.D

Acq: 12 Jul 2022 20:06

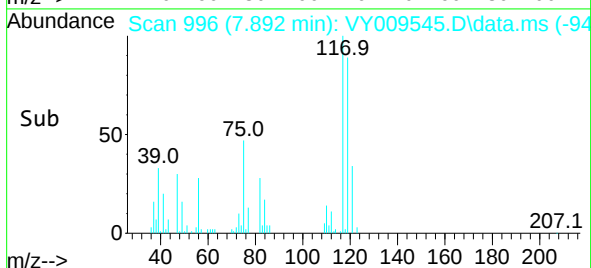
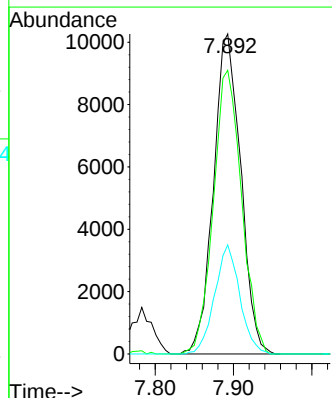
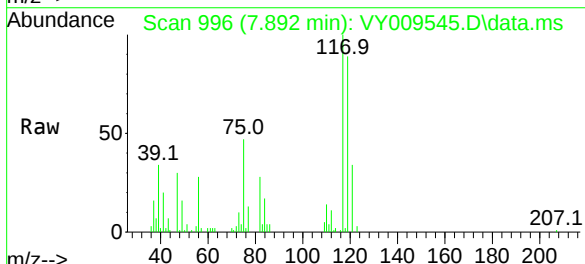
Tgt Ion: 117 Resp: 24860

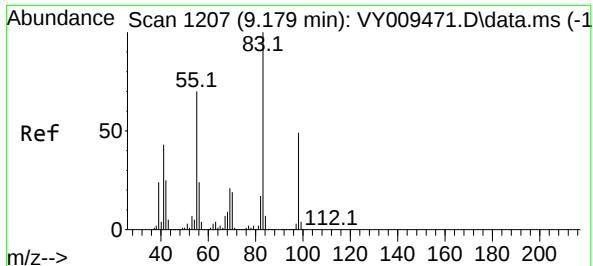
Ion Ratio Lower Upper

117 100

119 88.7 77.9 116.9

121 34.1 24.8 37.2





#39

Methylcyclohexane

Concen: 45.612 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009545.D

Acq: 12 Jul 2022 20:06

Instrument :

MSVOA_Y

ClientSampleId :

20220487A-5AMS

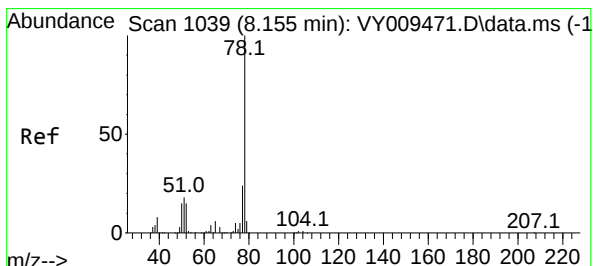
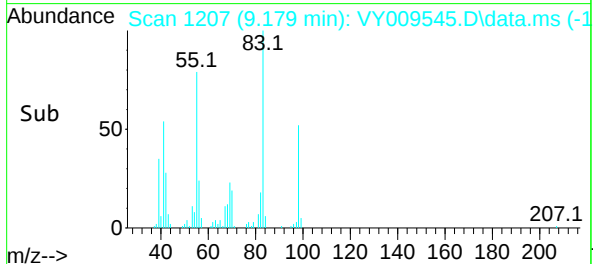
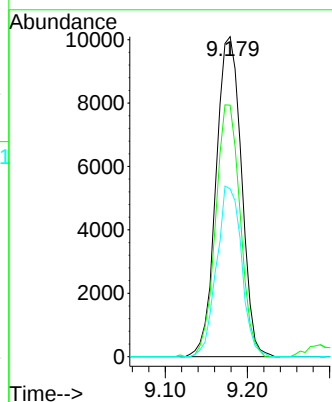
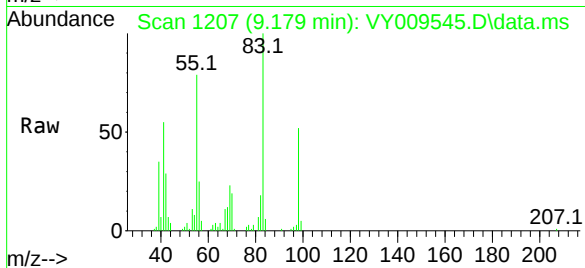
Tgt Ion: 83 Resp: 21663

Ion Ratio Lower Upper

83 100

55 78.6 66.5 99.7

98 52.4 37.9 56.9



#40

Benzene

Concen: 54.131 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY009545.D

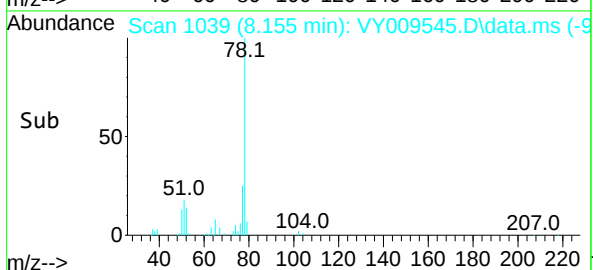
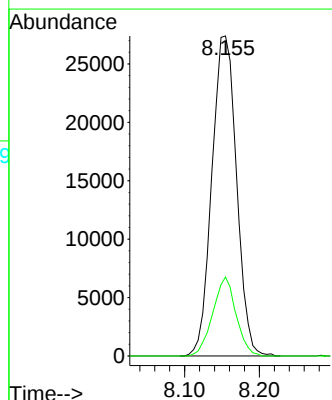
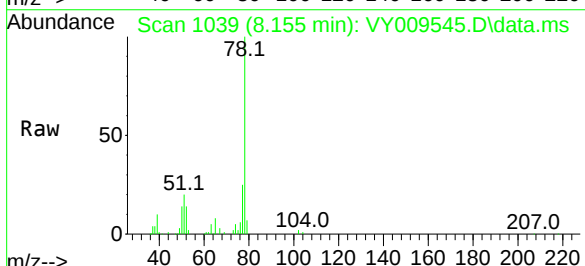
Acq: 12 Jul 2022 20:06

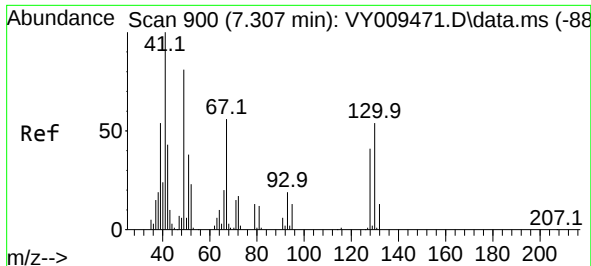
Tgt Ion: 78 Resp: 62893

Ion Ratio Lower Upper

78 100

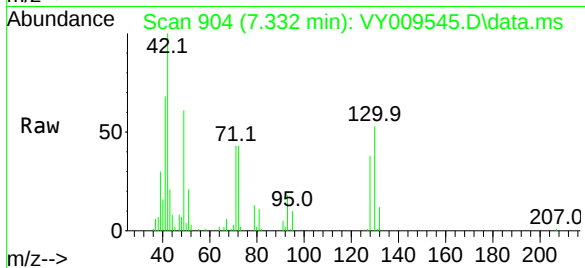
77 24.7 20.4 30.6



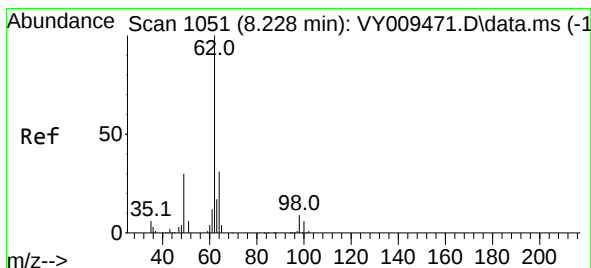
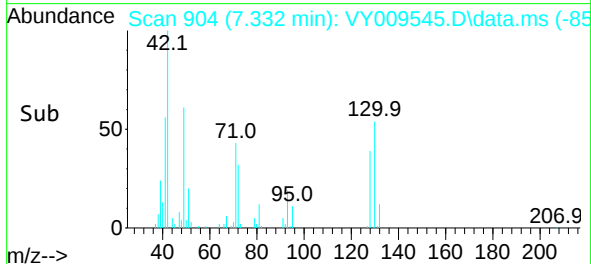
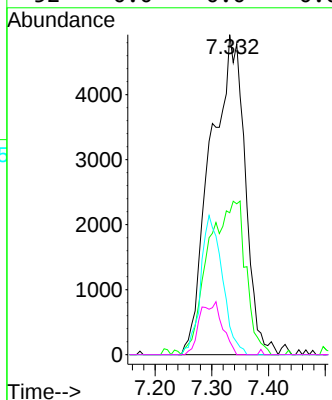


#41
Methacrylonitrile
Concen: 161.299 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.025 min
Lab File: VY009545.D
Acq: 12 Jul 2022 20:06

Instrument :
MSVOA_Y
ClientSampleId :
20220487A-5AMS

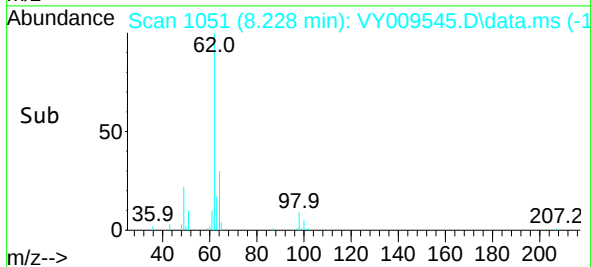
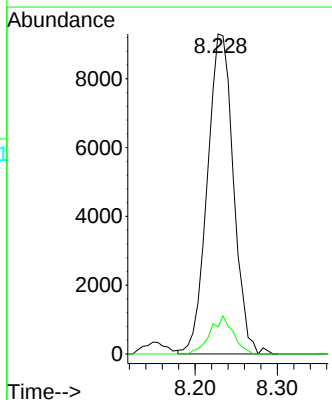
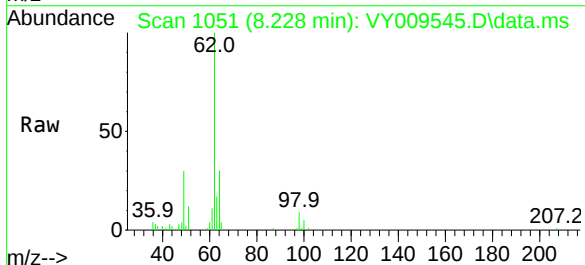


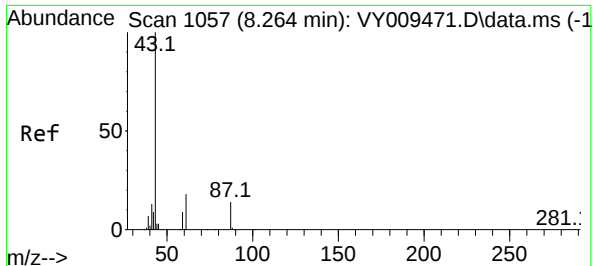
Tgt Ion: 41 Resp: 20773
Ion Ratio Lower Upper
41 100
39 52.5 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 58.833 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VY009545.D
Acq: 12 Jul 2022 20:06

Tgt Ion: 62 Resp: 20522
Ion Ratio Lower Upper
62 100
98 10.4 0.0 14.8





#43

Isopropyl Acetate

Concen: 57.563 ug/l

RT: 8.264 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VY009545.D

Acq: 12 Jul 2022 20:06

Instrument :

MSVOA_Y

ClientSampleId :

20220487A-5AMS

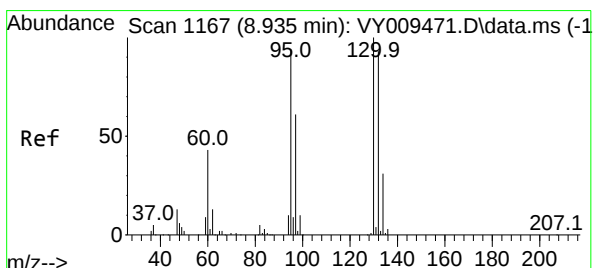
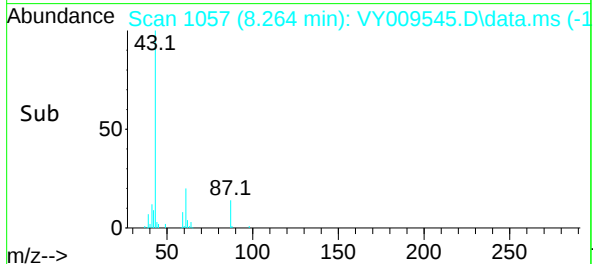
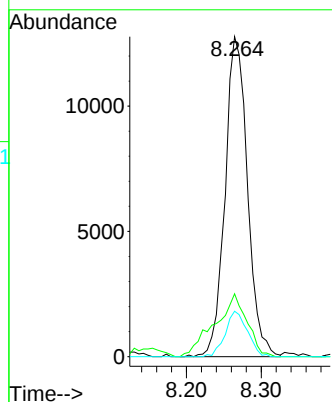
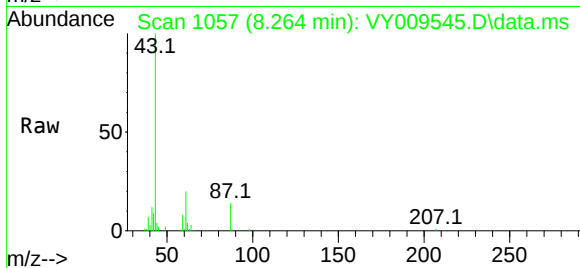
Tgt Ion: 43 Resp: 26638

Ion Ratio Lower Upper

43 100

61 28.2 20.2 30.2

87 14.0 8.9 13.3#



#44

Trichloroethene

Concen: 53.857 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VY009545.D

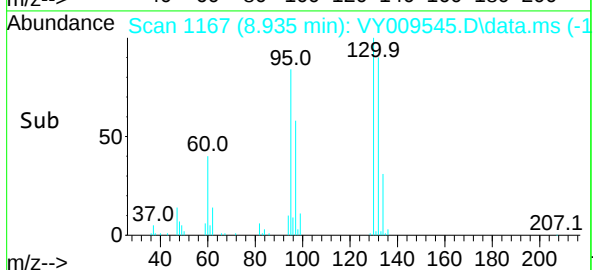
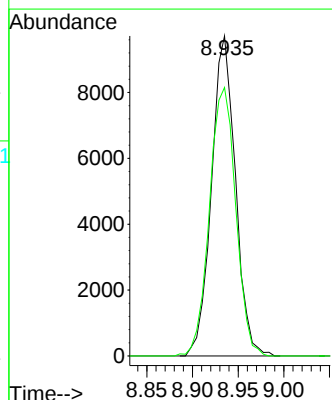
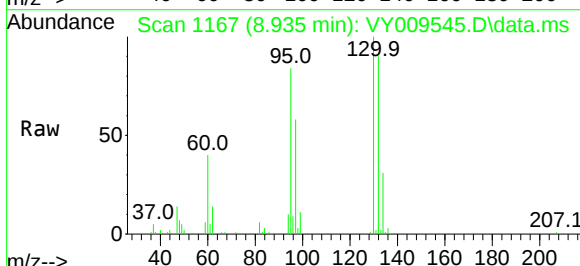
Acq: 12 Jul 2022 20:06

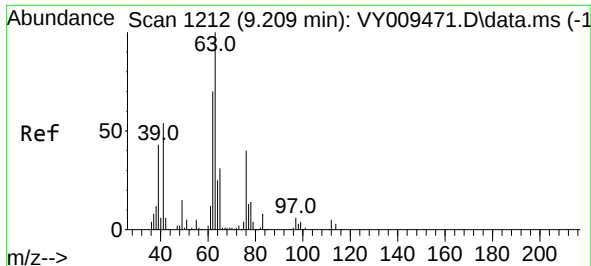
Tgt Ion:130 Resp: 17677

Ion Ratio Lower Upper

130 100

95 83.9 0.0 188.2





#45

1,2-Dichloropropane

Concen: 53.623 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.006 min

Lab File: VY009545.D

Acq: 12 Jul 2022 20:06

Instrument :

MSVOA_Y

ClientSampleId :

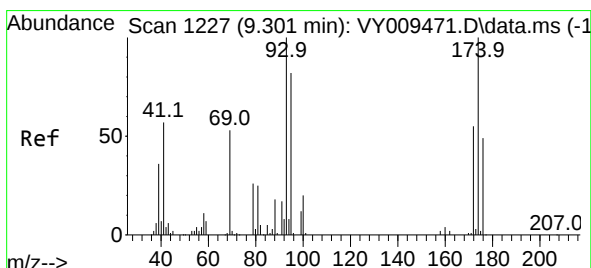
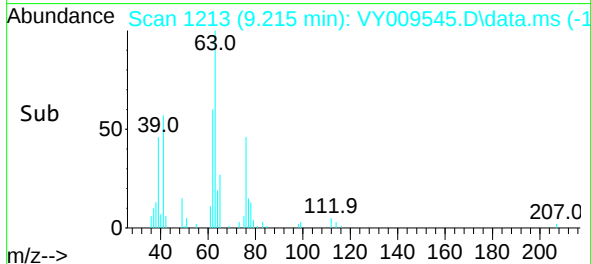
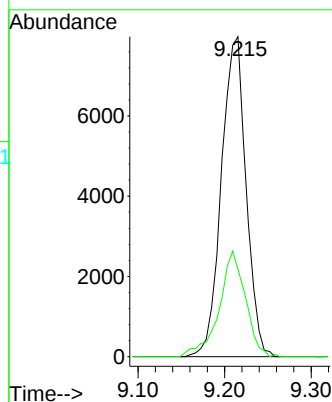
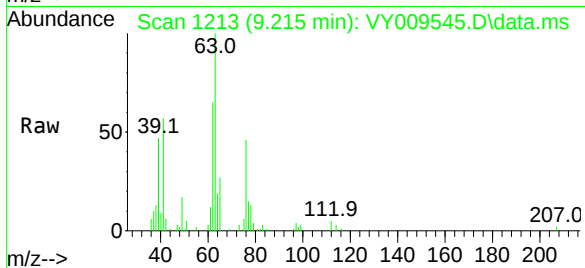
20220487A-5AMS

Tgt Ion: 63 Resp: 15767

Ion Ratio Lower Upper

63 100

65 27.2 23.0 34.6



#46

Dibromomethane

Concen: 57.152 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY009545.D

Acq: 12 Jul 2022 20:06

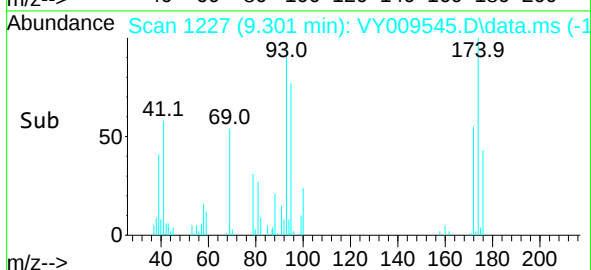
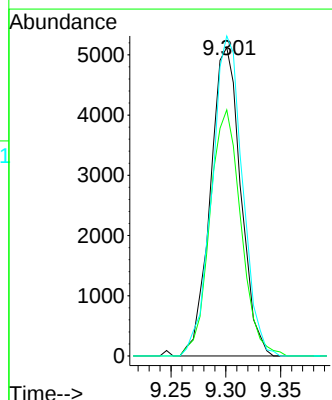
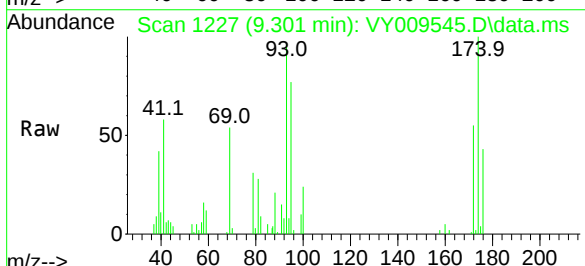
Tgt Ion: 93 Resp: 9863

Ion Ratio Lower Upper

93 100

95 81.8 64.3 96.5

174 104.3 83.4 125.0

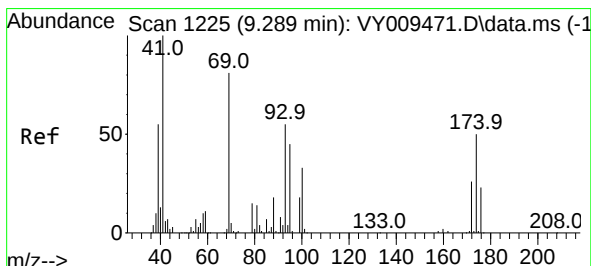
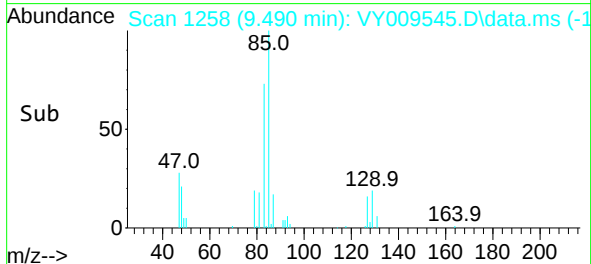
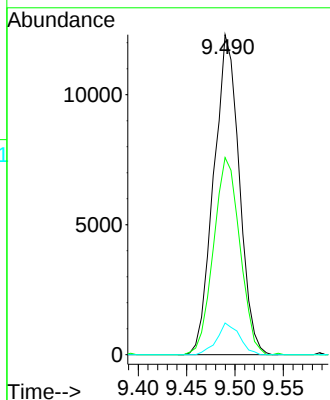
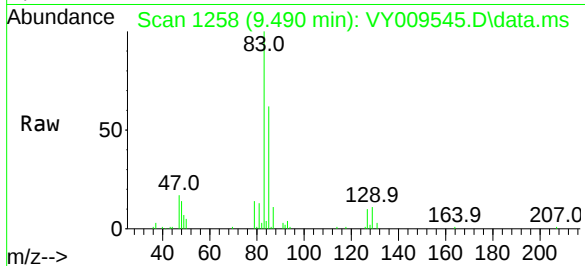




#47
Bromodichloromethane
Concen: 54.830 ug/l
RT: 9.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009545.D
Acq: 12 Jul 2022 20:06

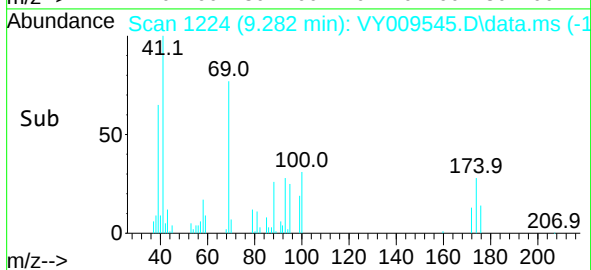
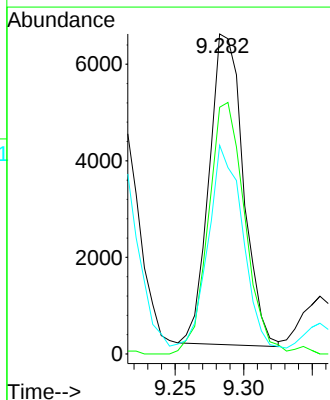
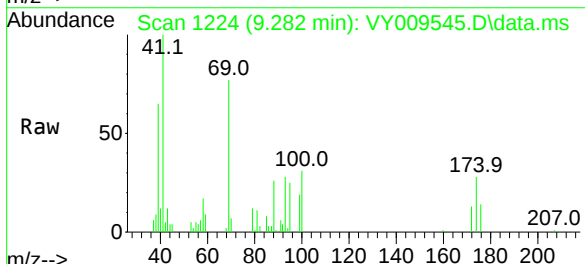
Instrument :
MSVOA_Y
ClientSampleId :
20220487A-5AMS

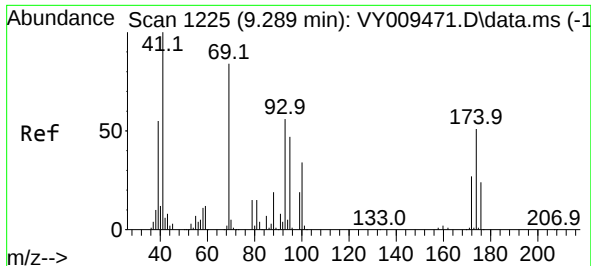
Tgt Ion:	83	Resp:	22522
Ion	Ratio	Lower	Upper
83	100		
85	61.6	51.9	77.9
127	9.9	6.6	10.0



#48
Methyl methacrylate
Concen: 56.104 ug/l
RT: 9.282 min Scan# 1224
Delta R.T. -0.007 min
Lab File: VY009545.D
Acq: 12 Jul 2022 20:06

Tgt Ion:	41	Resp:	11186
Ion	Ratio	Lower	Upper
41	100		
69	86.3	58.2	87.2
39	70.4	47.4	71.0

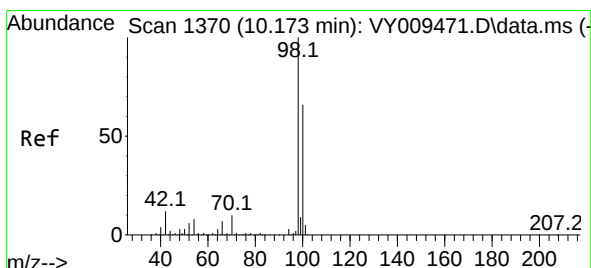
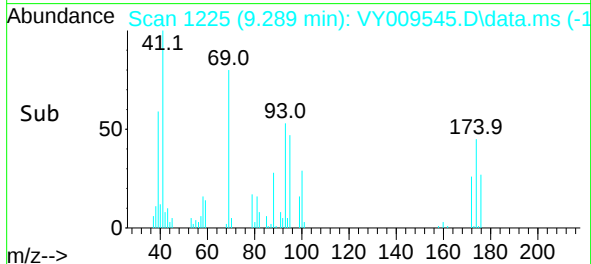
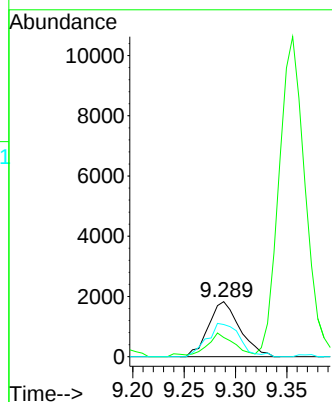
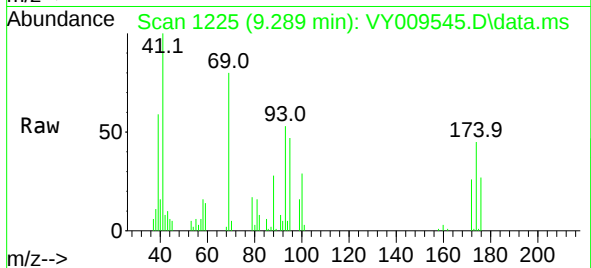




#49
1,4-Dioxane
Concen: 1527.077 ug/l
RT: 9.289 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009545.D
Acq: 12 Jul 2022 20:06

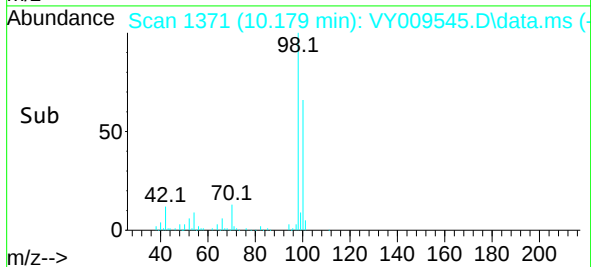
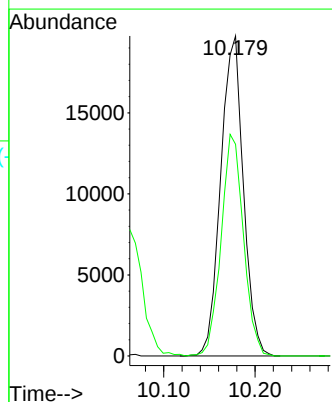
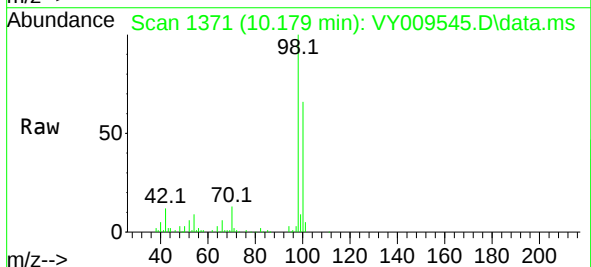
Instrument :
MSVOA_Y
ClientSampleId :
20220487A-5AMS

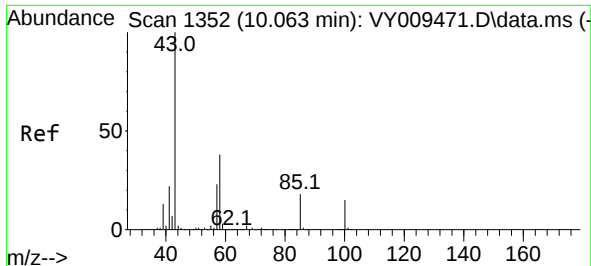
Tgt Ion: 88 Resp: 3881
Ion Ratio Lower Upper
88 100
43 38.5 32.8 49.2
58 62.6 59.8 89.6



#50
Toluene-d8
Concen: 51.289 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY009545.D
Acq: 12 Jul 2022 20:06

Tgt Ion: 98 Resp: 34036
Ion Ratio Lower Upper
98 100
100 68.2 50.2 75.2

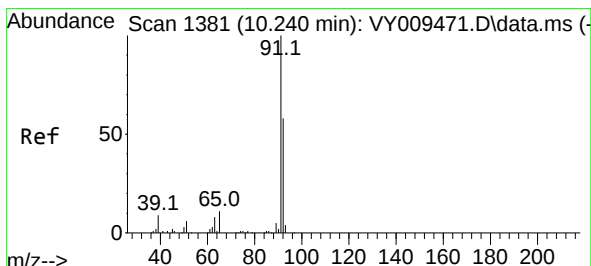
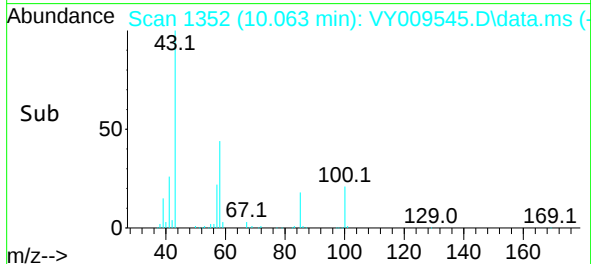
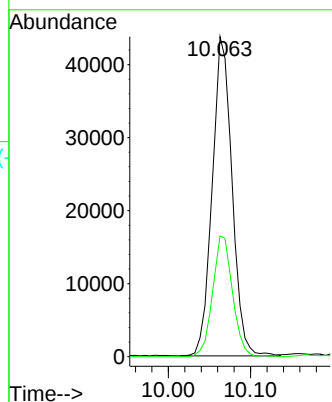
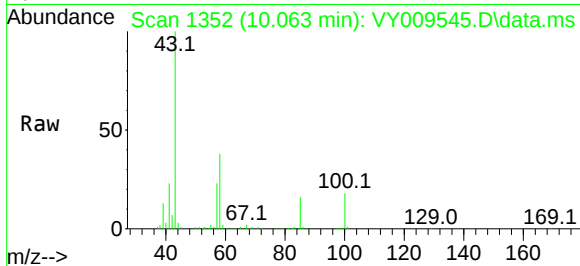




#51
4-Methyl-2-Pentanone
Concen: 300.876 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.000 min
Lab File: VY009545.D
Acq: 12 Jul 2022 20:06

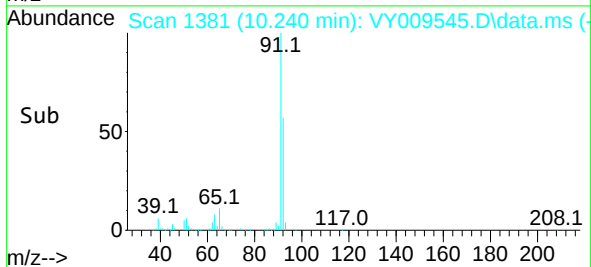
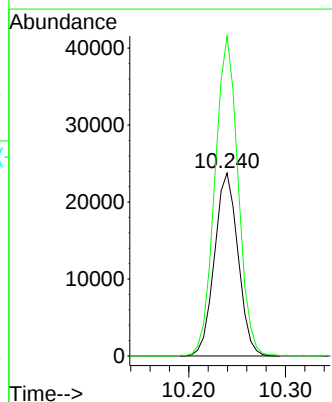
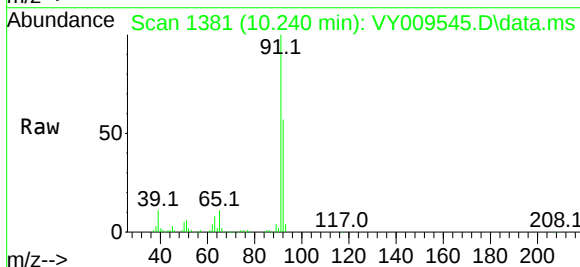
Instrument :
MSVOA_Y
ClientSampleId :
20220487A-5AMS

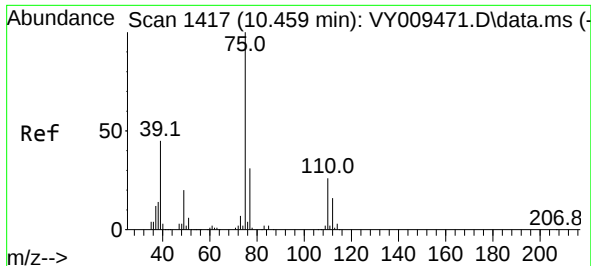
Tgt Ion: 43 Resp: 73222
Ion Ratio Lower Upper
43 100
58 37.9 28.1 42.1



#52
Toluene
Concen: 54.127 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY009545.D
Acq: 12 Jul 2022 20:06

Tgt Ion: 92 Resp: 40074
Ion Ratio Lower Upper
92 100
91 173.0 142.6 213.8

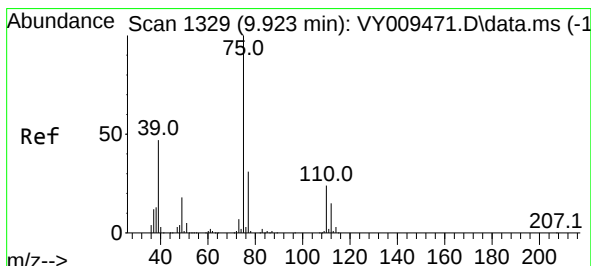
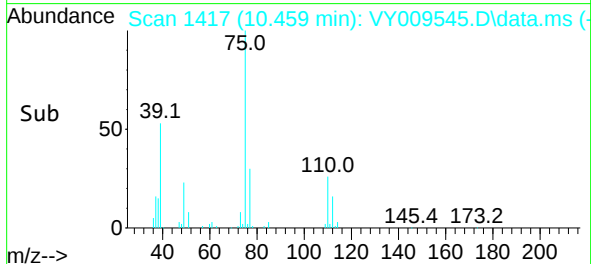
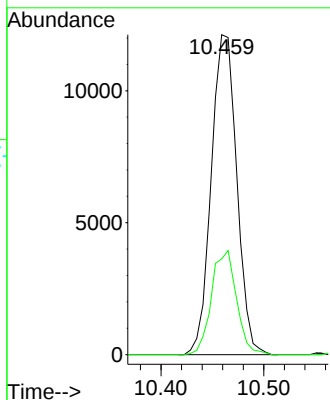
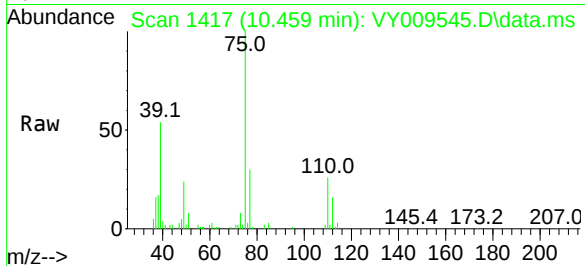




#53
t-1,3-Dichloropropene
Concen: 48.348 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VY009545.D
Acq: 12 Jul 2022 20:06

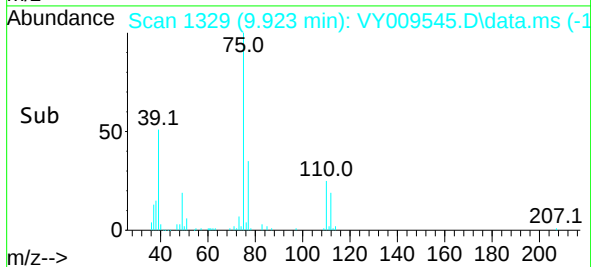
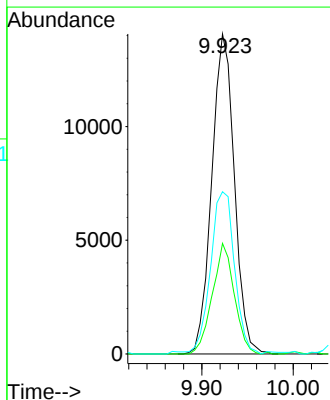
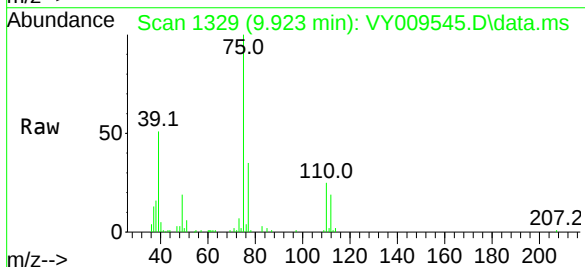
Instrument :
MSVOA_Y
ClientSampleId :
20220487A-5AMS

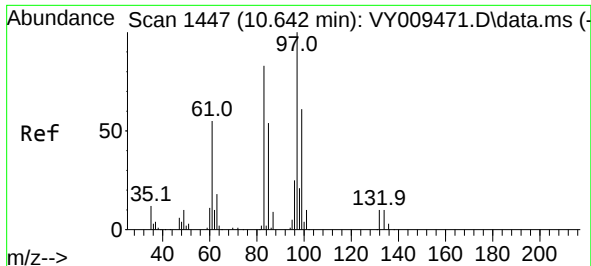
Tgt Ion: 75 Resp: 20928
Ion Ratio Lower Upper
75 100
77 30.0 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 50.068 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VY009545.D
Acq: 12 Jul 2022 20:06

Tgt Ion: 75 Resp: 24166
Ion Ratio Lower Upper
75 100
77 34.5 25.6 38.4
39 50.2 47.6 71.4

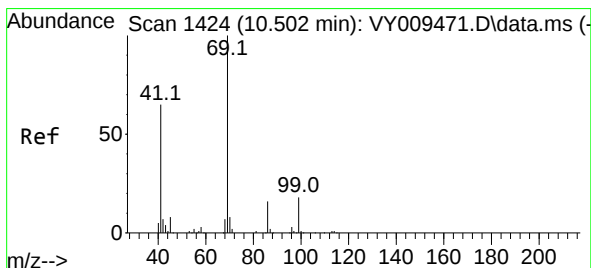
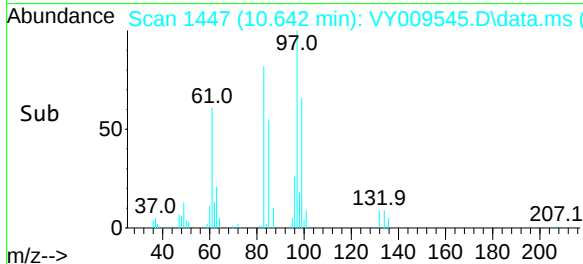
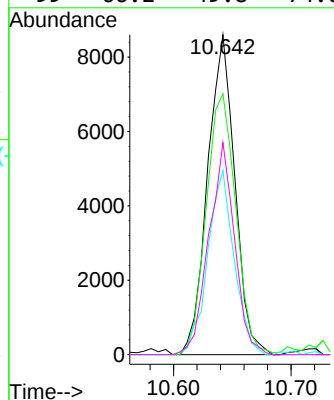
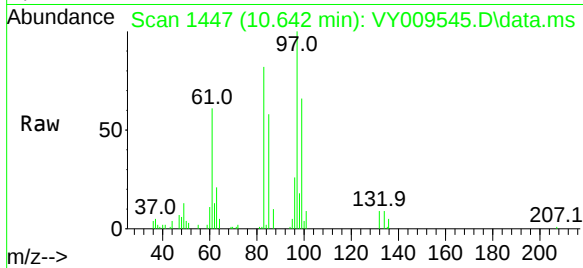




#55
1,1,2-Trichloroethane
Concen: 55.655 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY009545.D
Acq: 12 Jul 2022 20:06

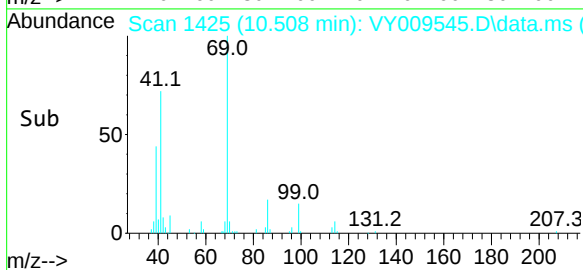
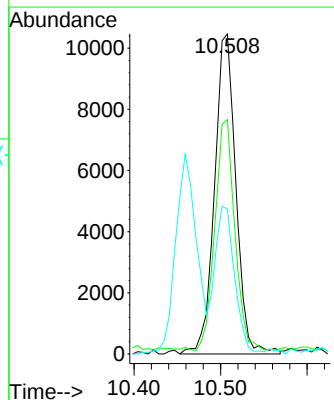
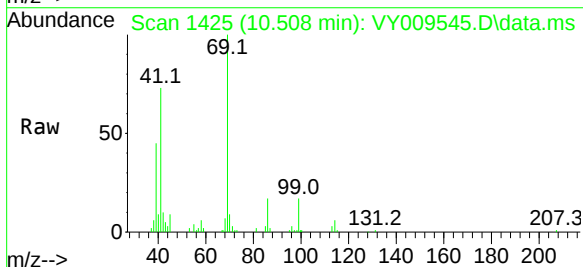
Instrument :
MSVOA_Y
ClientSampleId :
20220487A-5AMS

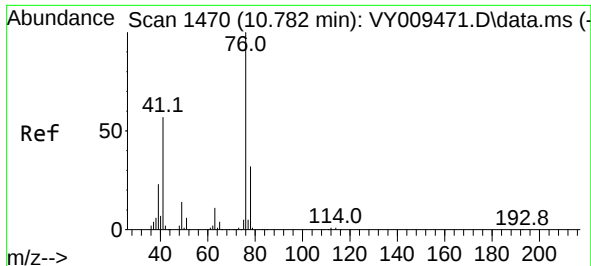
Tgt Ion: 97	Resp: 13856
Ion Ratio	Lower Upper
97 100	
83 81.5	69.8 104.8
85 56.7	44.3 66.5
99 66.2	49.8 74.6



#56
Ethyl methacrylate
Concen: 54.212 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.006 min
Lab File: VY009545.D
Acq: 12 Jul 2022 20:06

Tgt Ion: 69	Resp: 17919
Ion Ratio	Lower Upper
69 100	
41 67.9	63.4 95.0
39 42.1	35.8 53.8





#57

1,3-Dichloropropane

Concen: 55.141 ug/l

RT: 10.788 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VY009545.D

Acq: 12 Jul 2022 20:06

Instrument :

MSVOA_Y

ClientSampleId :

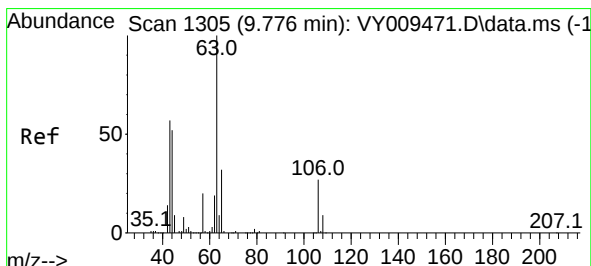
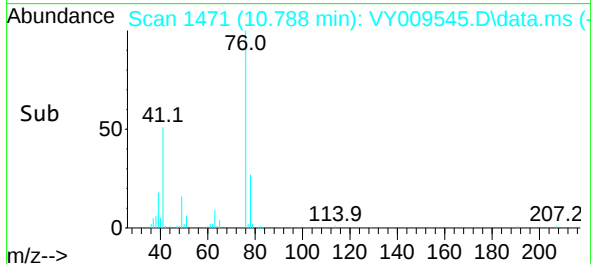
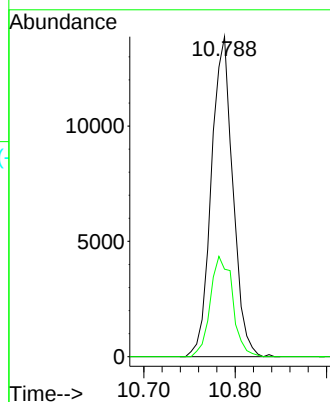
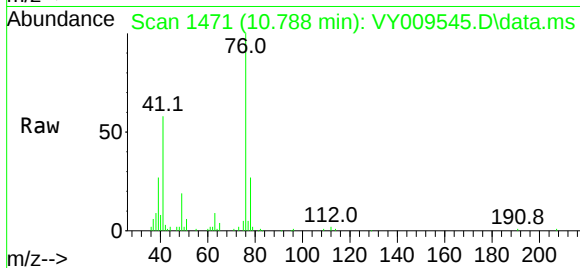
20220487A-5AMS

Tgt Ion: 76 Resp: 22631

Ion Ratio Lower Upper

76 100

78 32.7 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 217.504 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY009545.D

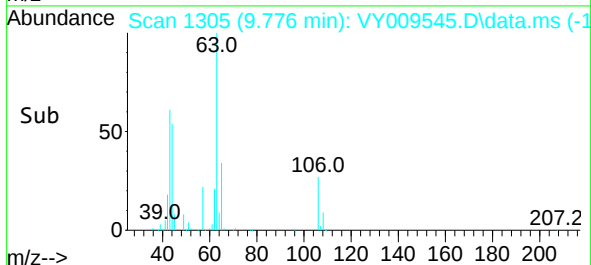
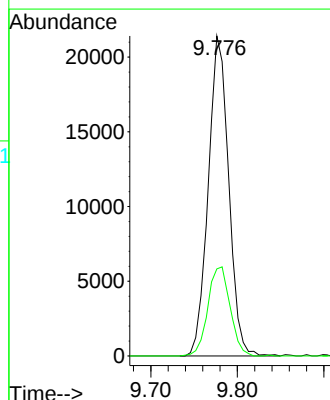
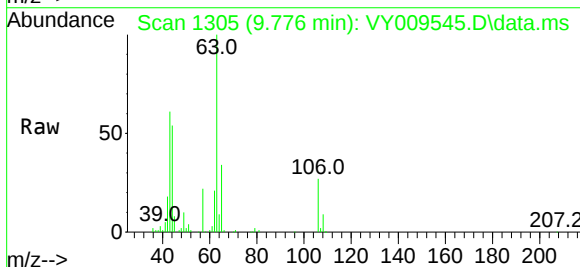
Acq: 12 Jul 2022 20:06

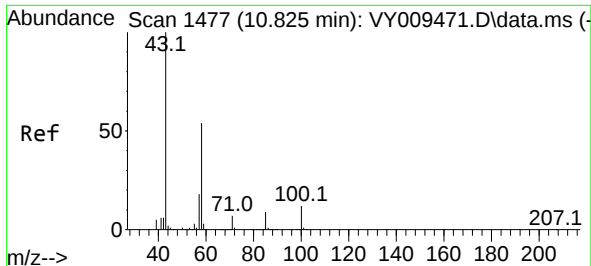
Tgt Ion: 63 Resp: 35120

Ion Ratio Lower Upper

63 100

106 30.3 21.5 32.3

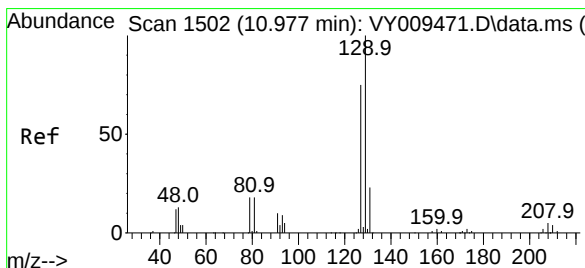
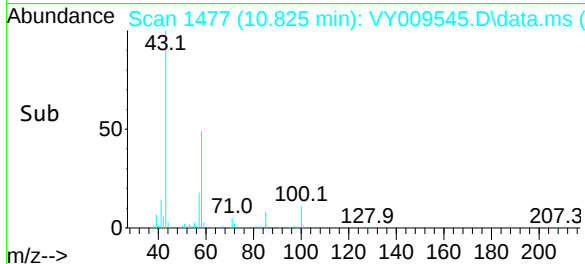
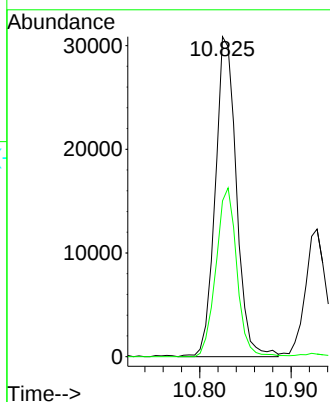
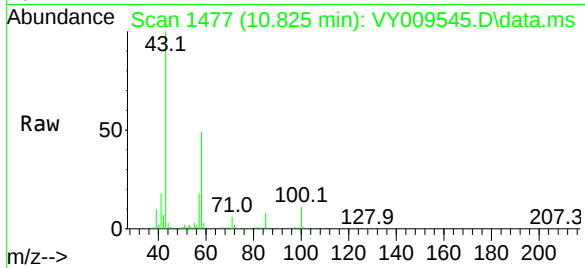




#59
2-Hexanone
Concen: 294.300 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VY009545.D
Acq: 12 Jul 2022 20:06

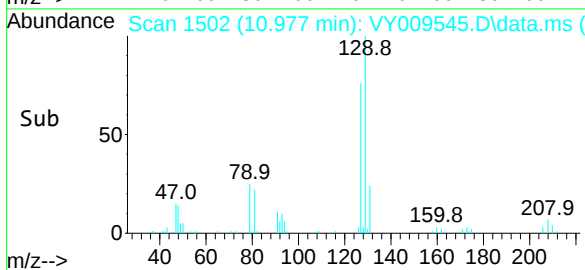
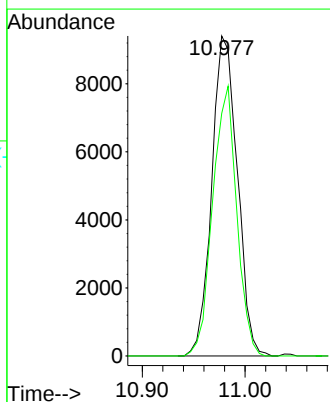
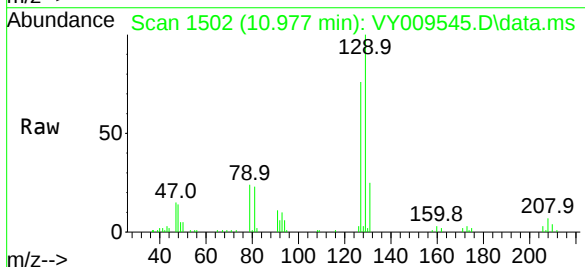
Instrument :
MSVOA_Y
ClientSampleId :
20220487A-5AMS

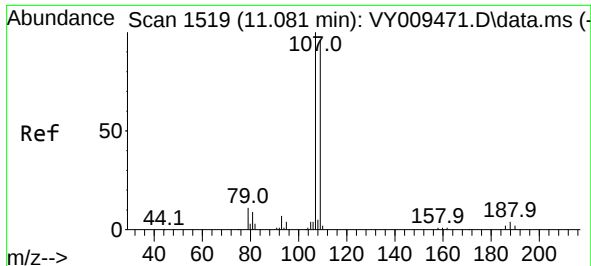
Tgt Ion: 43 Resp: 49629
Ion Ratio Lower Upper
43 100
58 52.0 24.4 73.4



#60
Dibromochloromethane
Concen: 53.960 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. 0.000 min
Lab File: VY009545.D
Acq: 12 Jul 2022 20:06

Tgt Ion: 129 Resp: 16268
Ion Ratio Lower Upper
129 100
127 79.2 38.7 116.1

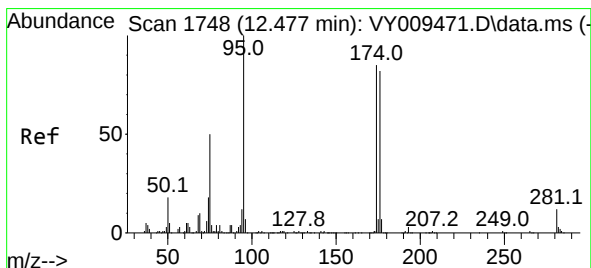
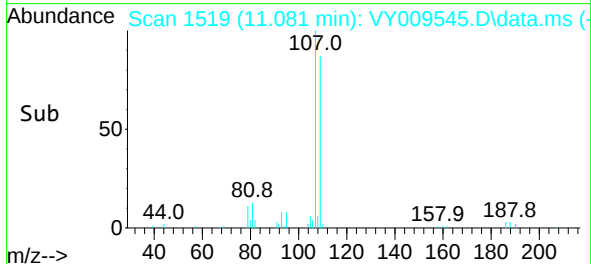
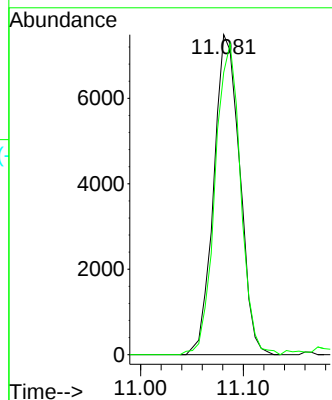
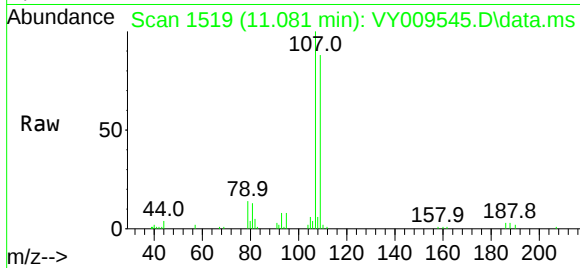




#61
1,2-Dibromoethane
Concen: 55.079 ug/l
RT: 11.081 min Scan# 1519
Delta R.T. -0.000 min
Lab File: VY009545.D
Acq: 12 Jul 2022 20:06

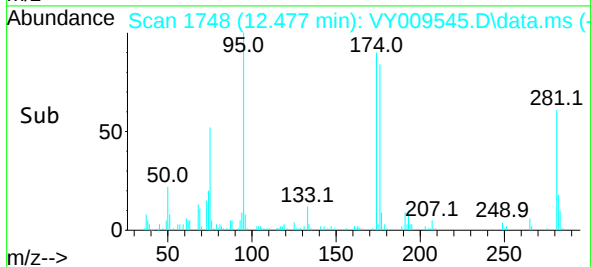
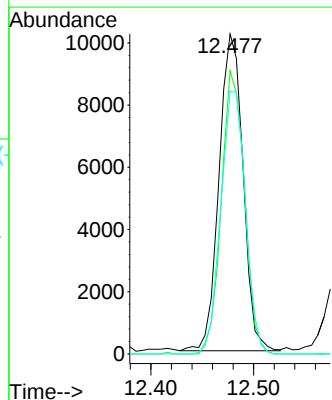
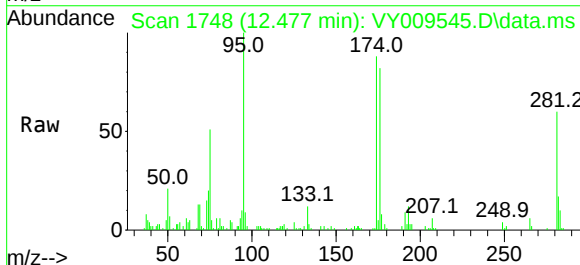
Instrument :
MSVOA_Y
ClientSampleId :
20220487A-5AMS

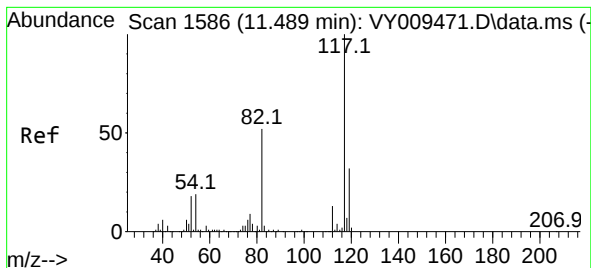
Tgt Ion:107 Resp: 13146
Ion Ratio Lower Upper
107 100
109 95.1 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 48.053 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009545.D
Acq: 12 Jul 2022 20:06

Tgt Ion: 95 Resp: 16485
Ion Ratio Lower Upper
95 100
174 86.2 0.0 177.0
176 85.0 0.0 175.8

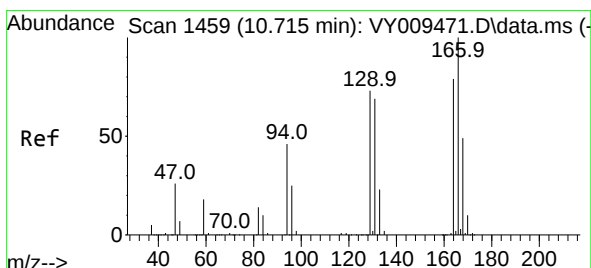
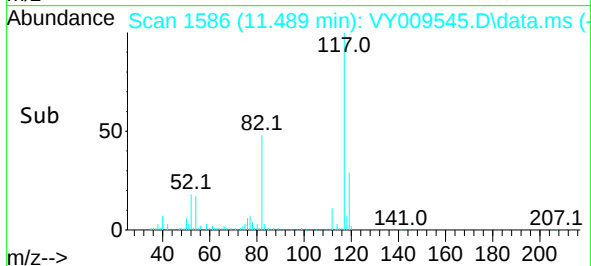
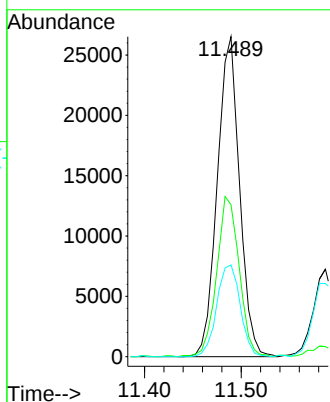
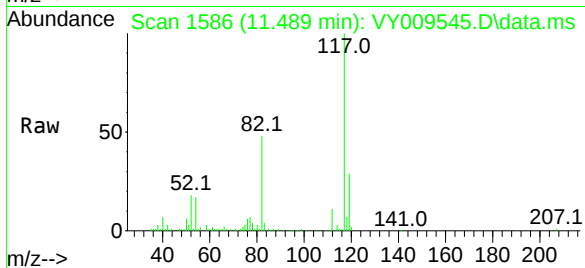




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009545.D
Acq: 12 Jul 2022 20:06

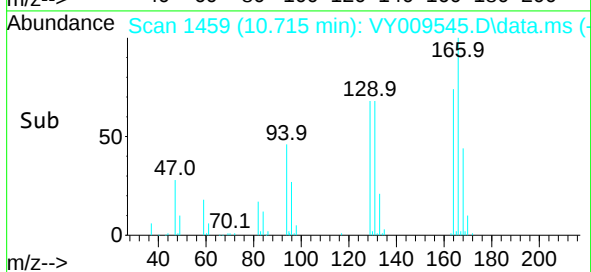
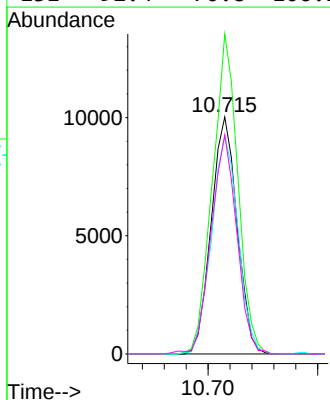
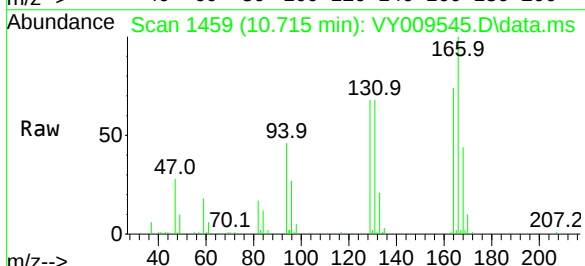
Instrument :
MSVOA_Y
ClientSampleId :
20220487A-5AMS

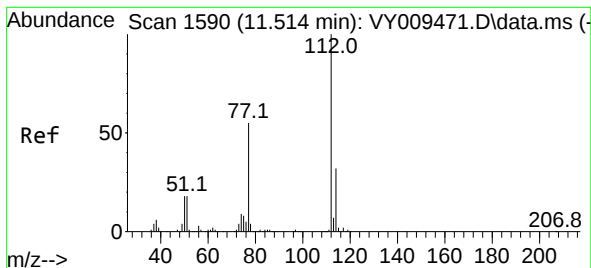
Tgt Ion:117	Resp:	42355
Ion Ratio	Lower	Upper
117	100	
82	47.5	43.0 64.4
119	28.7	25.4 38.0



#64
Tetrachloroethene
Concen: 46.416 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY009545.D
Acq: 12 Jul 2022 20:06

Tgt Ion:164	Resp:	16437
Ion Ratio	Lower	Upper
164	100	
166	135.0	100.4 150.6
129	91.7	71.4 107.0
131	92.4	70.8 106.2





#65

Chlorobenzene

Concen: 50.164 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009545.D

Acq: 12 Jul 2022 20:06

Instrument :

MSVOA_Y

ClientSampleId :

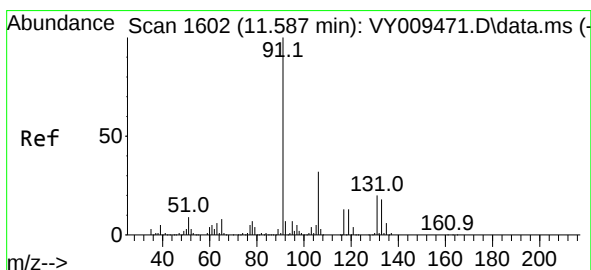
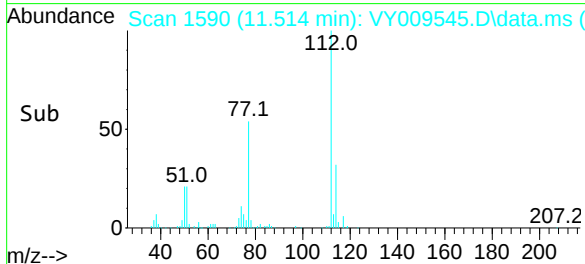
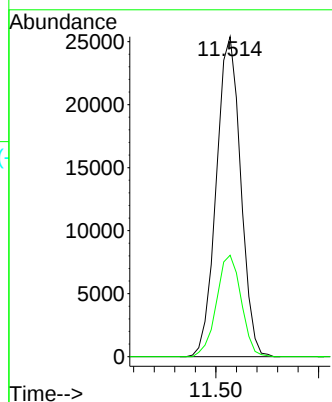
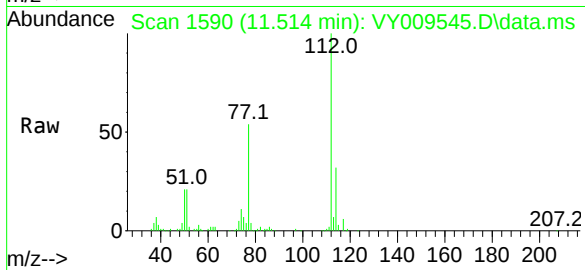
20220487A-5AMS

Tgt Ion:112 Resp: 41729

Ion Ratio Lower Upper

112 100

114 31.7 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 54.153 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VY009545.D

Acq: 12 Jul 2022 20:06

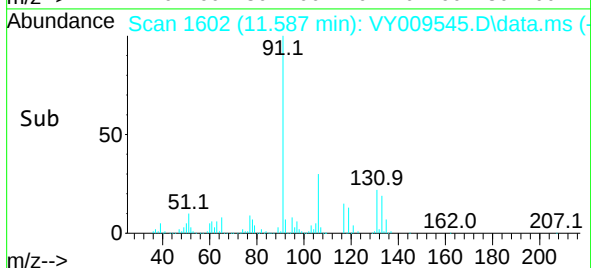
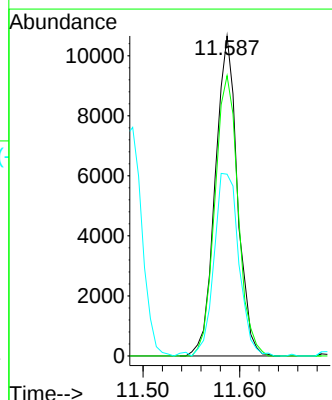
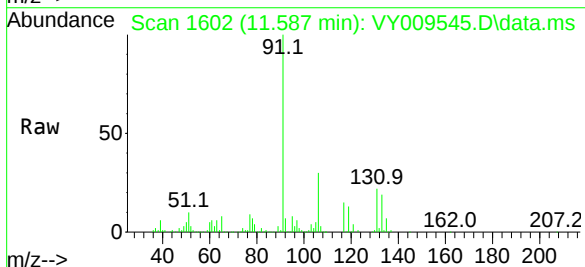
Tgt Ion:131 Resp: 16945

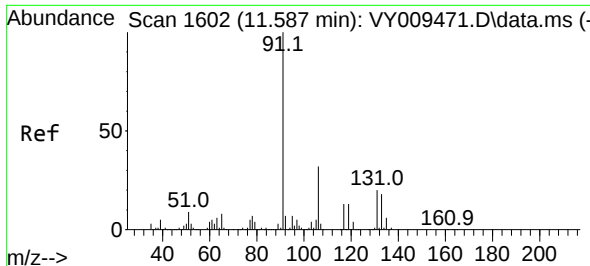
Ion Ratio Lower Upper

131 100

133 91.9 47.9 143.6

119 64.3 30.8 92.3

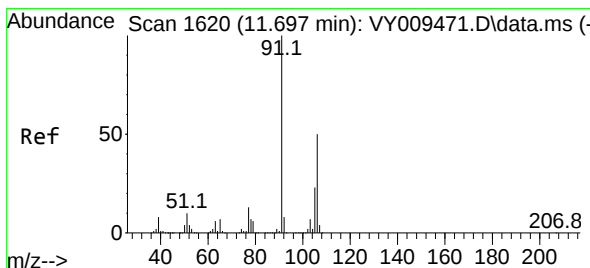
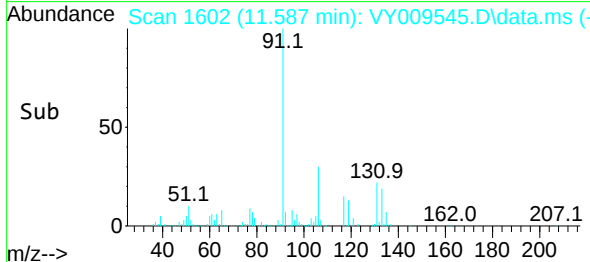
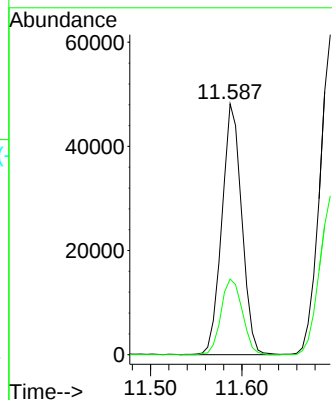
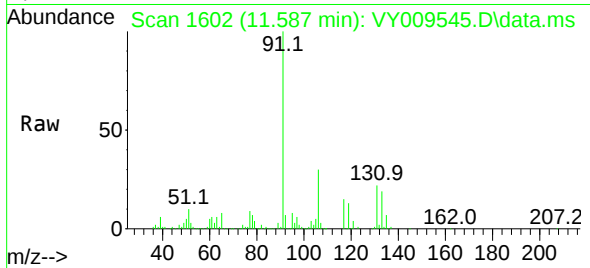




#67
Ethyl Benzene
Concen: 50.248 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY009545.D
Acq: 12 Jul 2022 20:06

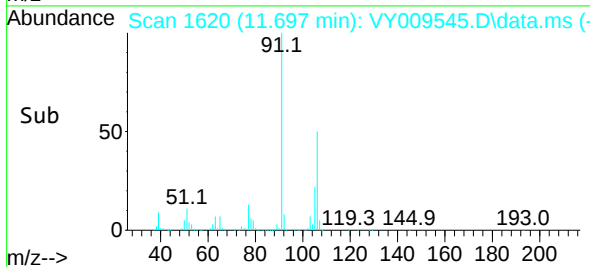
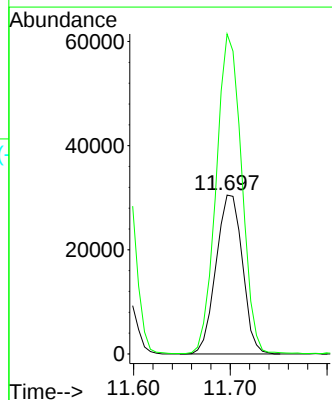
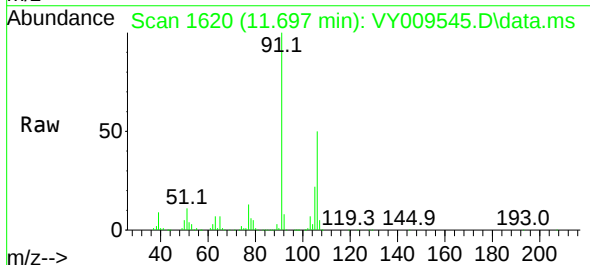
Instrument :
MSVOA_Y
ClientSampleId :
20220487A-5AMS

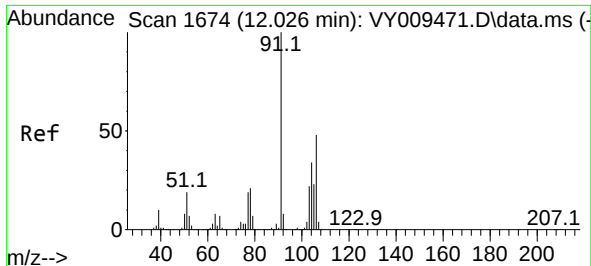
Tgt Ion: 91 Resp: 72971
Ion Ratio Lower Upper
91 100
106 30.2 24.5 36.7



#68
m/p-Xylenes
Concen: 102.029 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VY009545.D
Acq: 12 Jul 2022 20:06

Tgt Ion: 106 Resp: 57787
Ion Ratio Lower Upper
106 100
91 194.2 166.6 249.8

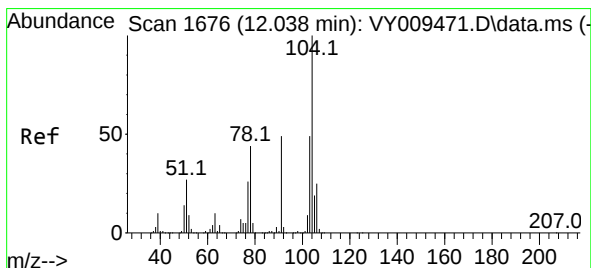
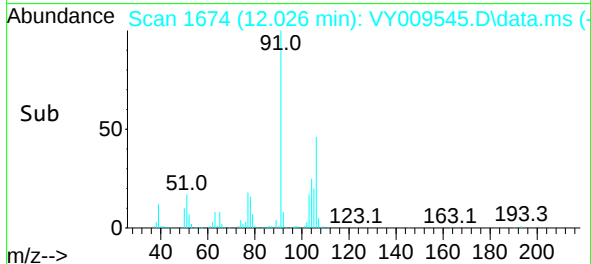
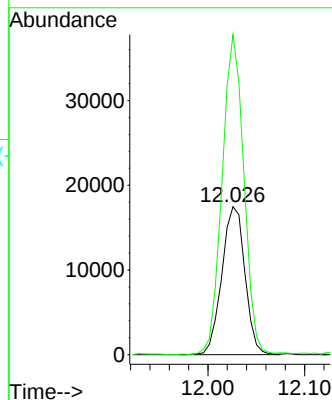
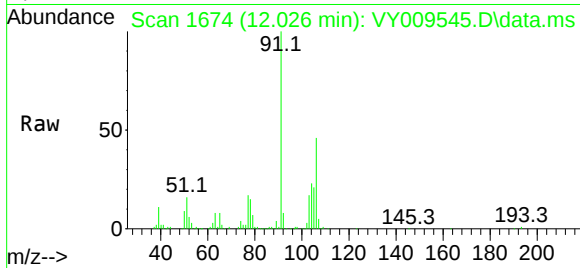




#69
o-Xylene
Concen: 53.185 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY009545.D
Acq: 12 Jul 2022 20:06

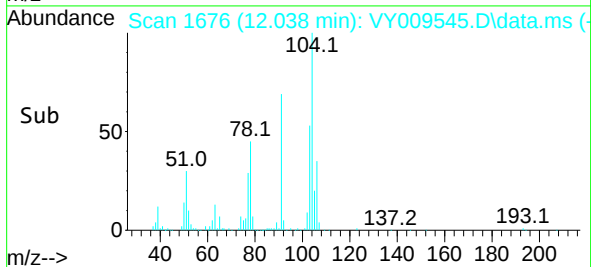
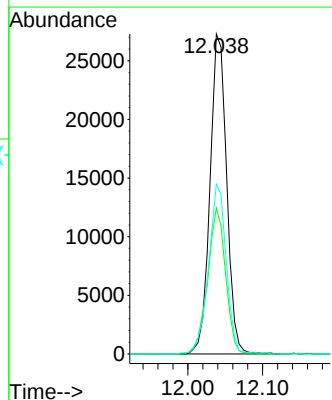
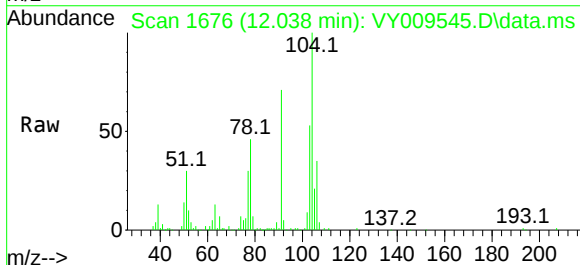
Instrument :
MSVOA_Y
ClientSampleId :
20220487A-5AMS

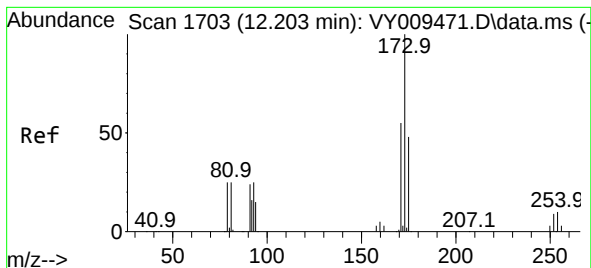
Tgt Ion:106 Resp: 28873
Ion Ratio Lower Upper
106 100
91 204.8 110.3 331.0



#70
Styrene
Concen: 46.695 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY009545.D
Acq: 12 Jul 2022 20:06

Tgt Ion:104 Resp: 42341
Ion Ratio Lower Upper
104 100
78 49.0 42.4 63.6
103 56.6 44.4 66.6





#71

Bromoform

Concen: 53.014 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009545.D

Acq: 12 Jul 2022 20:06

Instrument :

MSVOA_Y

ClientSampleId :

20220487A-5AMS

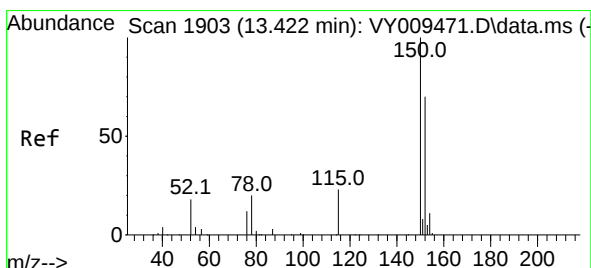
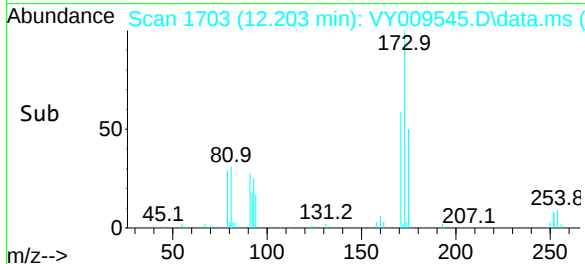
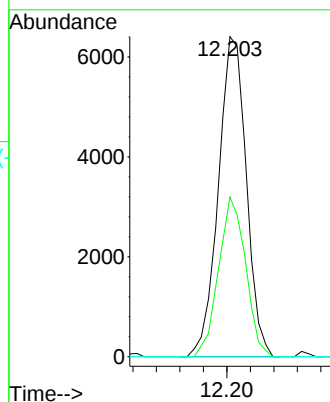
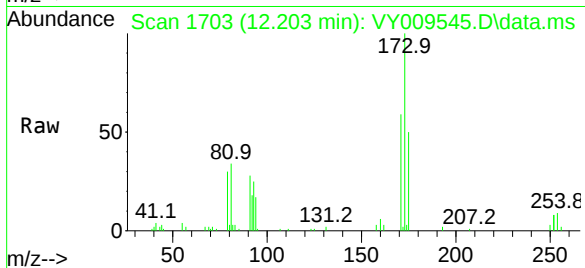
Tgt Ion:173 Resp: 10573

Ion Ratio Lower Upper

173 100

175 48.2 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY009545.D

Acq: 12 Jul 2022 20:06

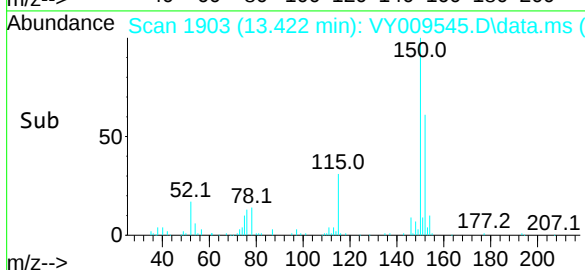
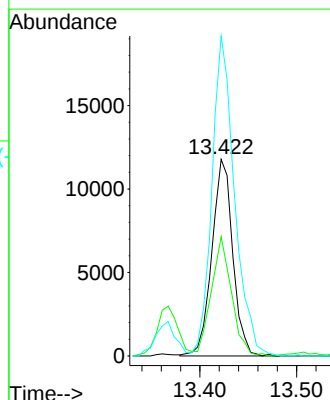
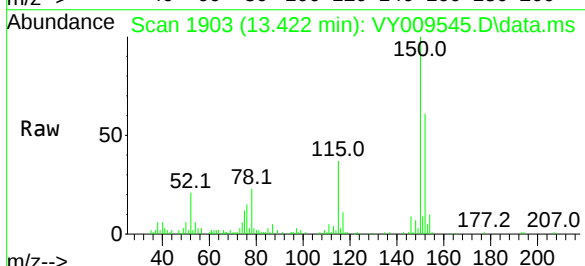
Tgt Ion:152 Resp: 17669

Ion Ratio Lower Upper

152 100

115 58.9 28.2 84.7

150 176.0 0.0 347.6

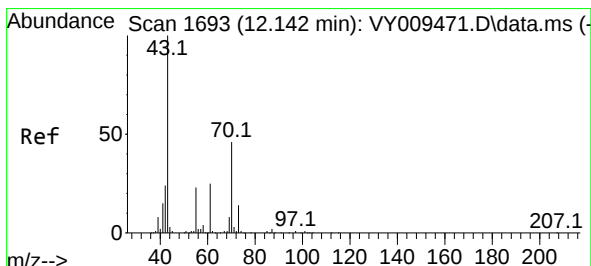
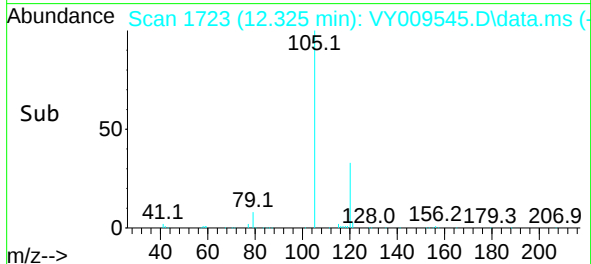
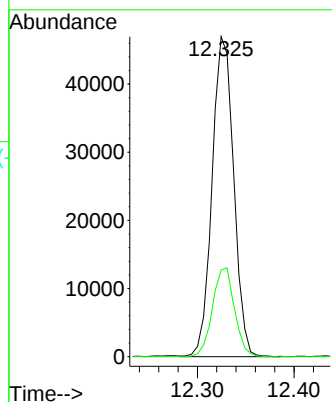
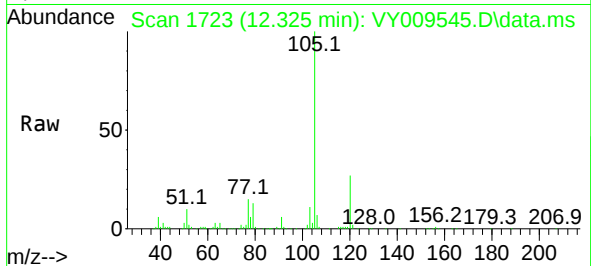




#73
Isopropylbenzene
Concen: 60.129 ug/l
RT: 12.325 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009545.D
Acq: 12 Jul 2022 20:06

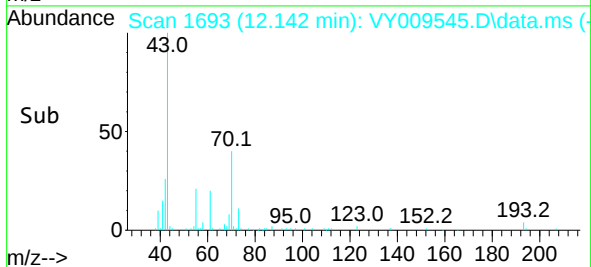
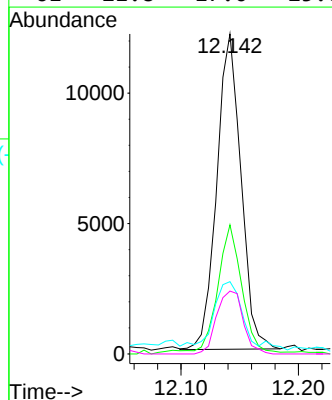
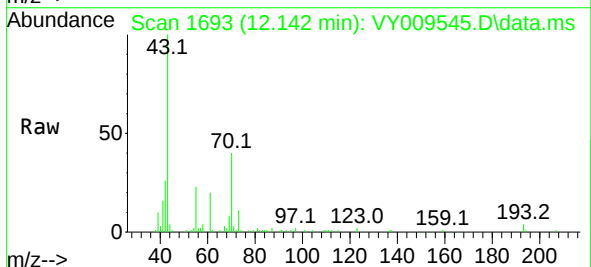
Instrument :
MSVOA_Y
ClientSampleId :
20220487A-5AMS

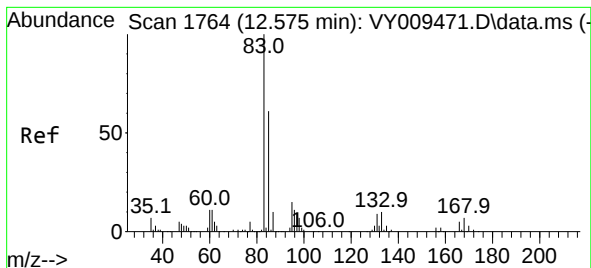
Tgt Ion:105 Resp: 72659
Ion Ratio Lower Upper
105 100
120 28.3 13.4 40.2



#74
N-ethyl acetate
Concen: 50.327 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY009545.D
Acq: 12 Jul 2022 20:06

Tgt Ion: 43 Resp: 17303
Ion Ratio Lower Upper
43 100
70 42.2 28.7 43.1
55 25.9 17.3 25.9
61 21.8 17.0 25.6





#75

1,1,2,2-Tetrachloroethane

Concen: 71.122 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.006 min

Lab File: VY009545.D

Acq: 12 Jul 2022 20:06

Instrument :

MSVOA_Y

ClientSampleId :

20220487A-5AMS

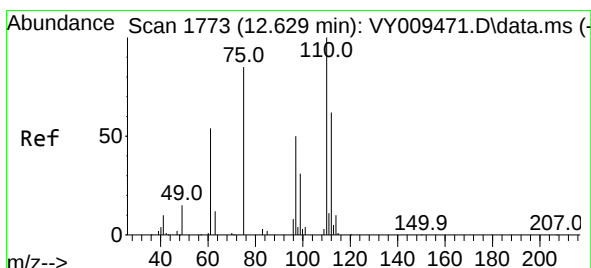
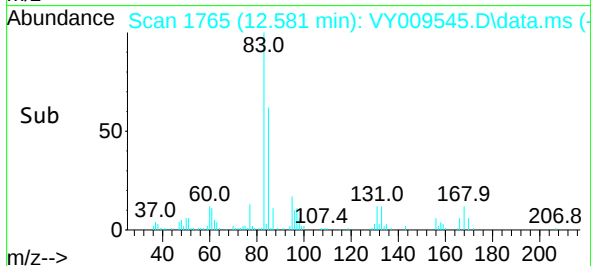
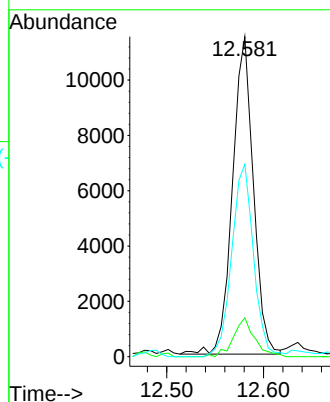
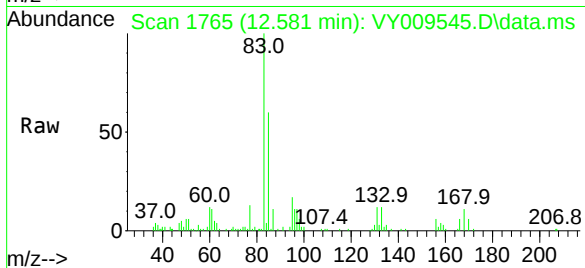
Tgt Ion: 83 Resp: 17208

Ion Ratio Lower Upper

83 100

131 12.4 5.6 16.8

85 63.5 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 110.142 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY009545.D

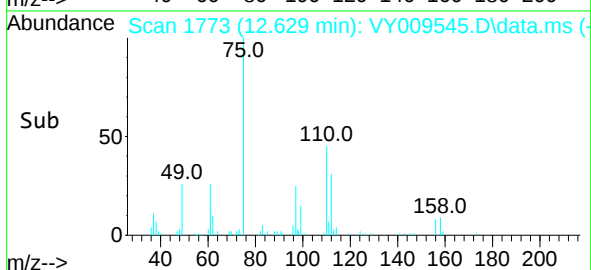
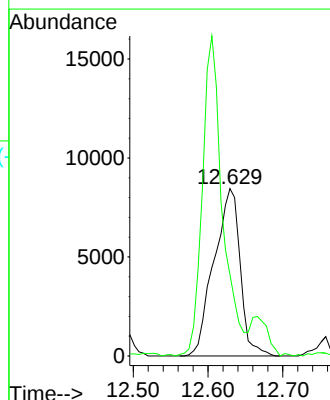
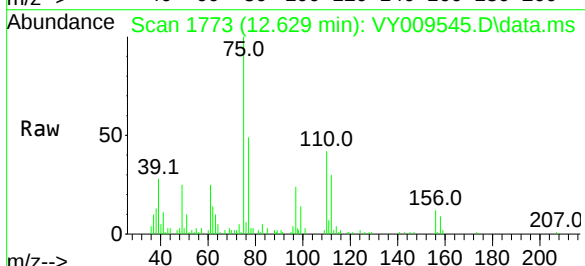
Acq: 12 Jul 2022 20:06

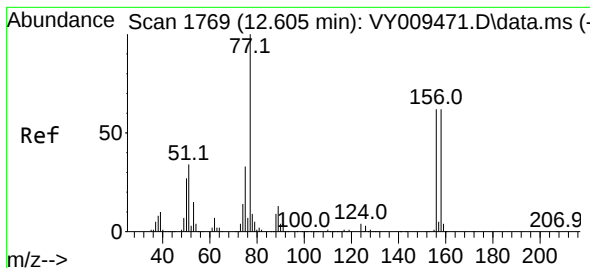
Tgt Ion: 75 Resp: 20601

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 58.778 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY009545.D

Acq: 12 Jul 2022 20:06

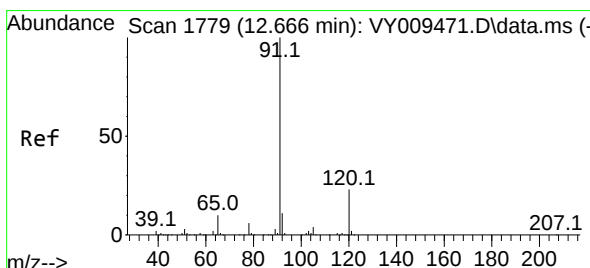
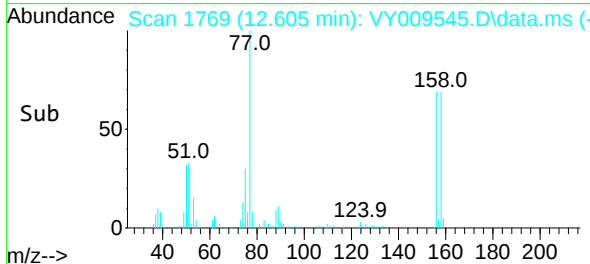
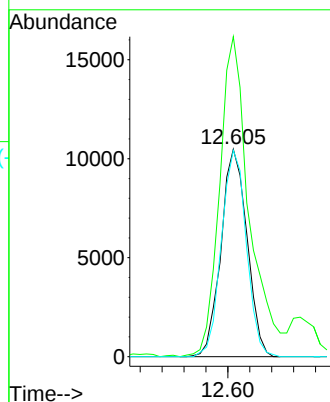
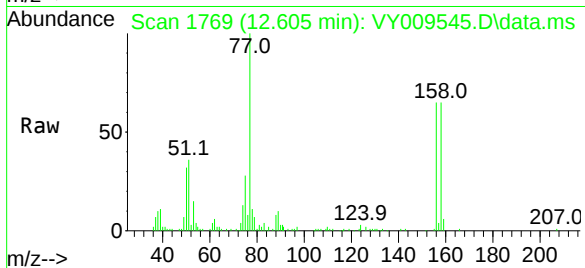
Instrument :

MSVOA_Y

ClientSampleId :

20220487A-5AMS

Tgt Ion:	156	Resp:	17291
Ion Ratio	Lower	Upper	
156	100		
77	173.2	95.5	286.4
158	95.3	48.0	144.0



#78

n-propylbenzene

Concen: 54.551 ug/l

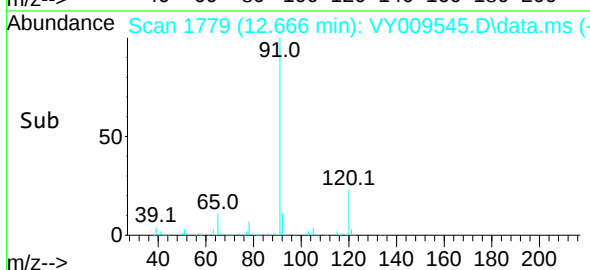
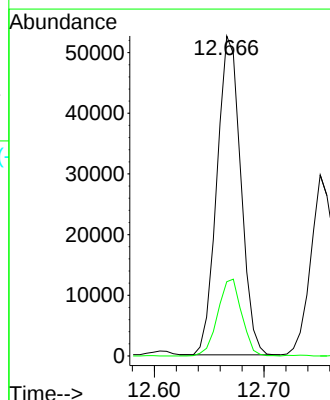
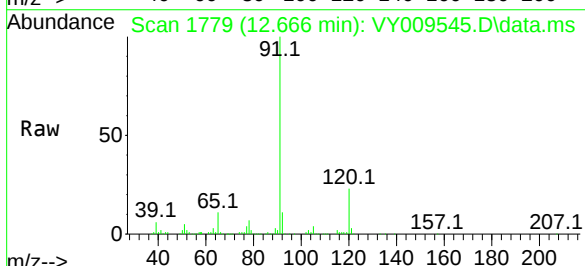
RT: 12.666 min Scan# 1779

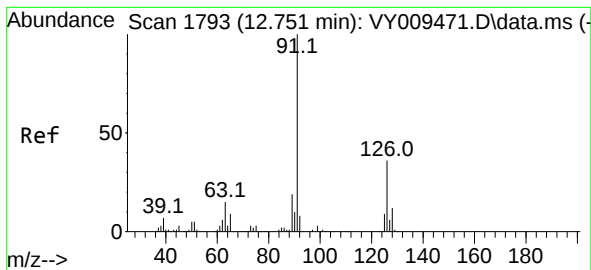
Delta R.T. 0.000 min

Lab File: VY009545.D

Acq: 12 Jul 2022 20:06

Tgt Ion:	91	Resp:	79638
Ion Ratio	Lower	Upper	
91	100		
120	24.1	11.3	33.9

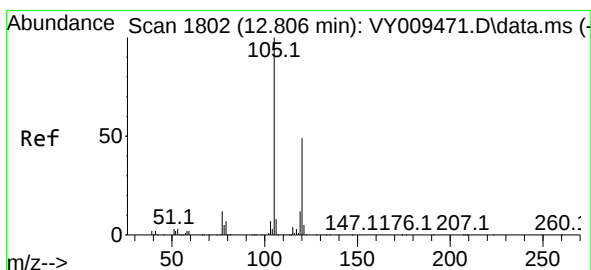
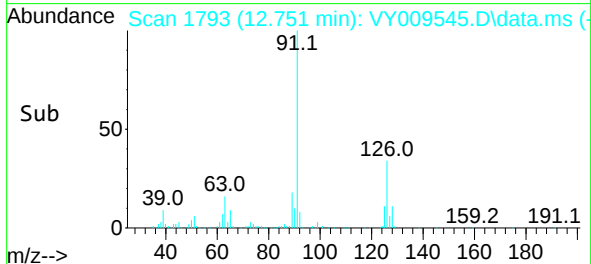
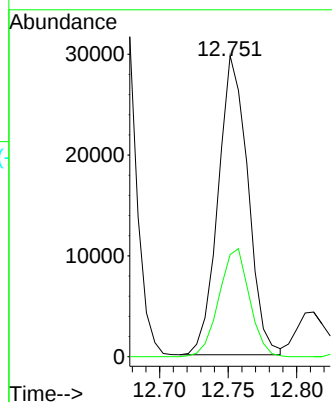
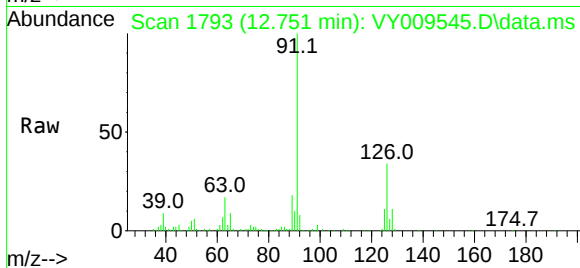




#79
2-Chlorotoluene
Concen: 54.947 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY009545.D
Acq: 12 Jul 2022 20:06

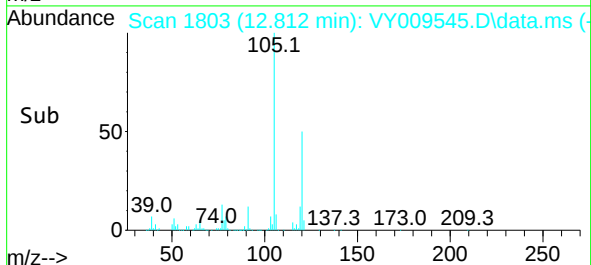
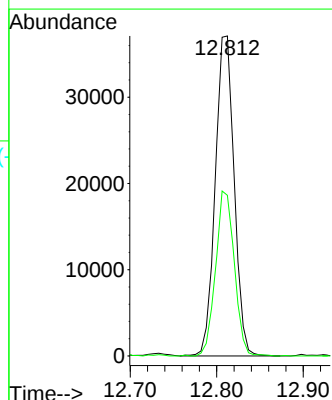
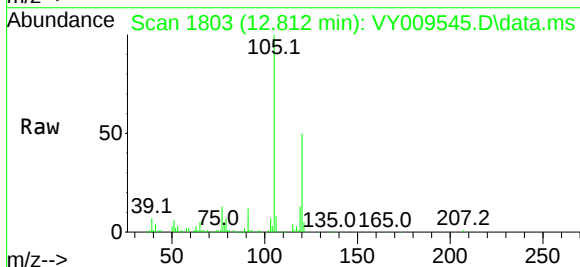
Instrument :
MSVOA_Y
ClientSampleId :
20220487A-5AMS

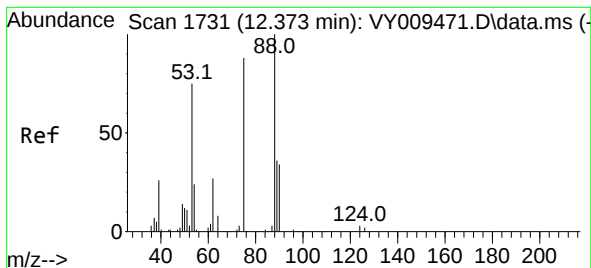
Tgt Ion: 91 Resp: 44909
Ion Ratio Lower Upper
91 100
126 36.9 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 55.740 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.006 min
Lab File: VY009545.D
Acq: 12 Jul 2022 20:06

Tgt Ion: 105 Resp: 56300
Ion Ratio Lower Upper
105 100
120 51.1 24.4 73.4

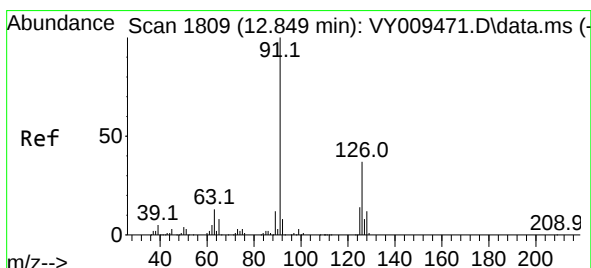
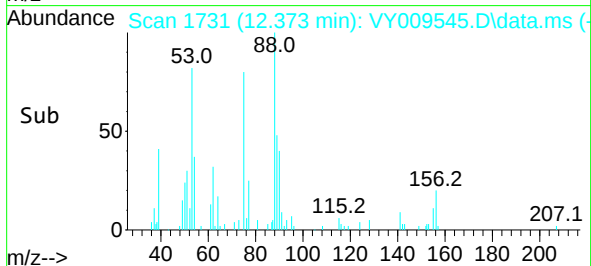
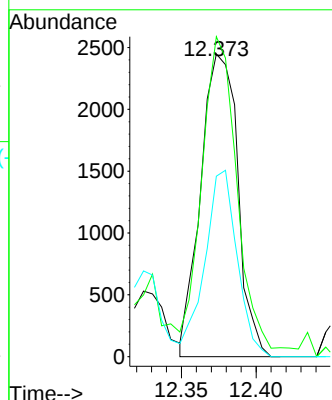
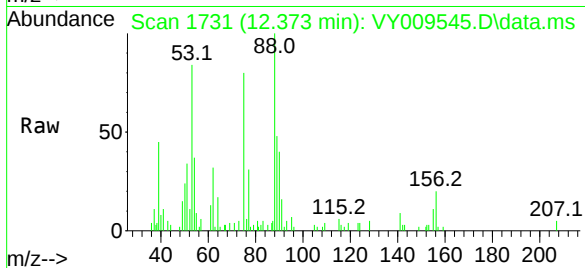




#81
trans-1,4-Dichloro-2-butene
Concen: 46.111 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY009545.D
Acq: 12 Jul 2022 20:06

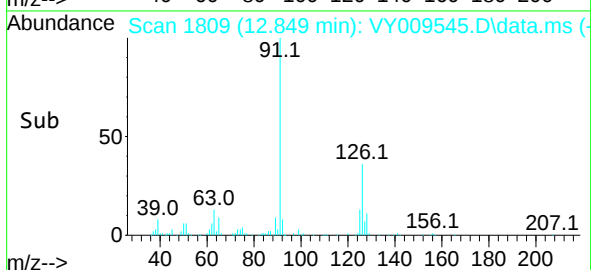
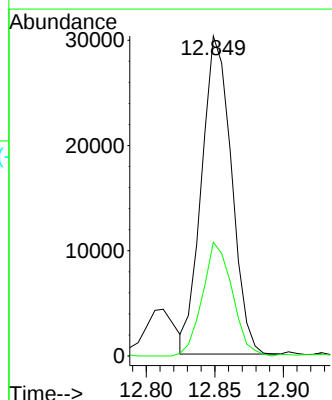
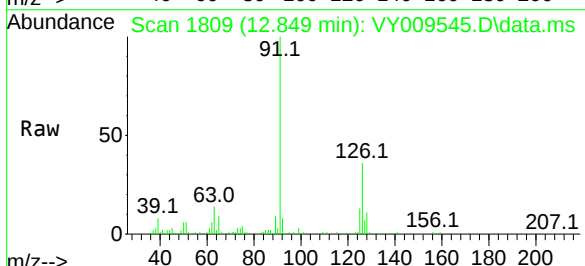
Instrument :
MSVOA_Y
ClientSampleId :
20220487A-5AMS

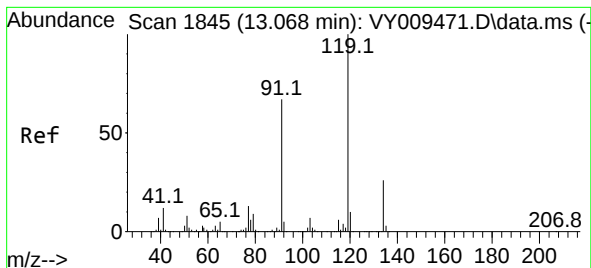
Tgt Ion: 75 Resp: 4214
Ion Ratio Lower Upper
75 100
53 100.2 85.3 127.9
89 53.5 37.0 55.4



#82
4-Chlorotoluene
Concen: 53.457 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VY009545.D
Acq: 12 Jul 2022 20:06

Tgt Ion: 91 Resp: 45788
Ion Ratio Lower Upper
91 100
126 35.6 17.0 51.0





#83

tert-Butylbenzene

Concen: 57.529 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. 0.006 min

Lab File: VY009545.D

Acq: 12 Jul 2022 20:06

Instrument :

MSVOA_Y

ClientSampleId :

20220487A-5AMS

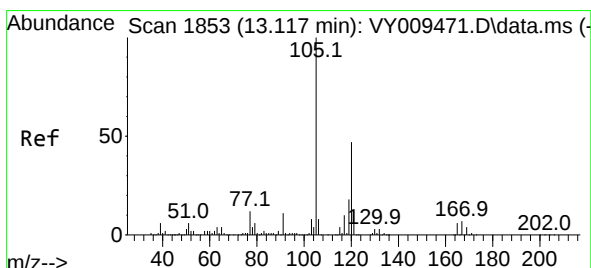
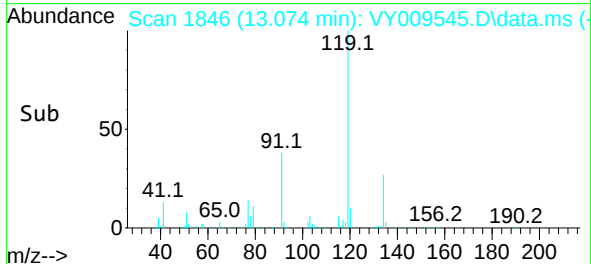
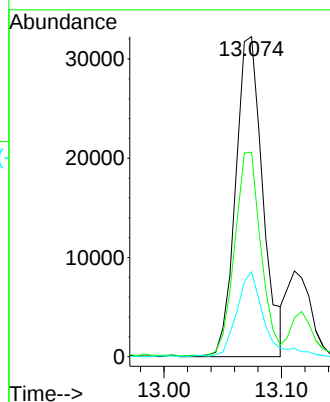
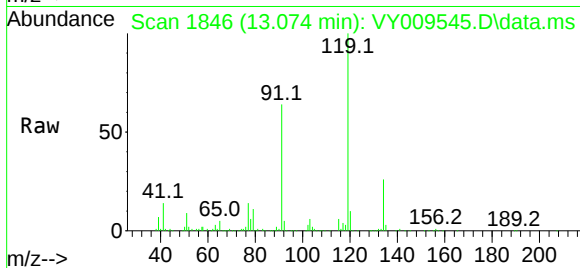
Tgt Ion:119 Resp: 51696

Ion Ratio Lower Upper

119 100

91 61.6 34.8 104.4

134 27.0 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 54.910 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY009545.D

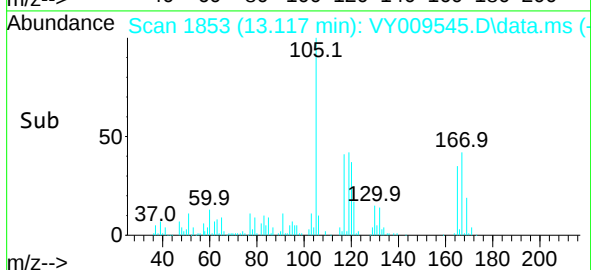
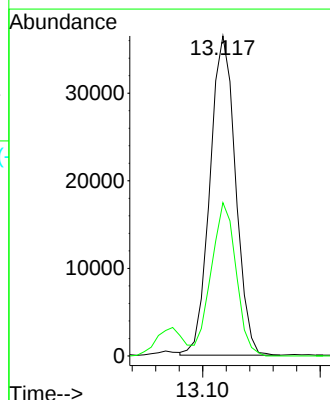
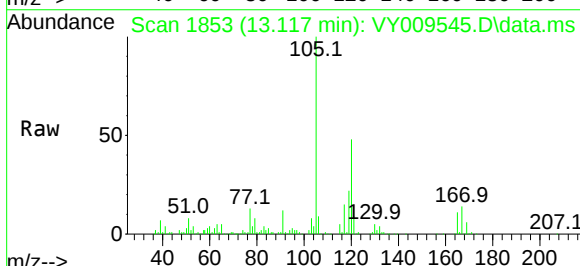
Acq: 12 Jul 2022 20:06

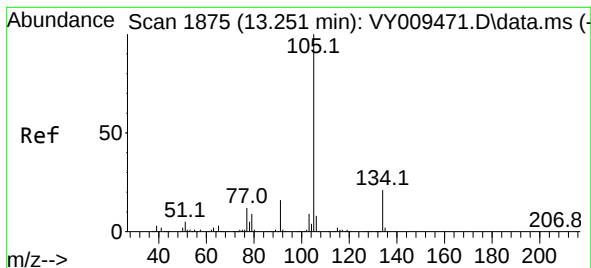
Tgt Ion:105 Resp: 55203

Ion Ratio Lower Upper

105 100

120 46.6 22.3 66.9





#85

sec-Butylbenzene

Concen: 50.281 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY009545.D

Acq: 12 Jul 2022 20:06

Instrument :

MSVOA_Y

ClientSampleId :

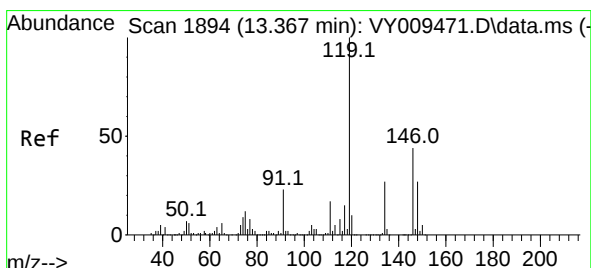
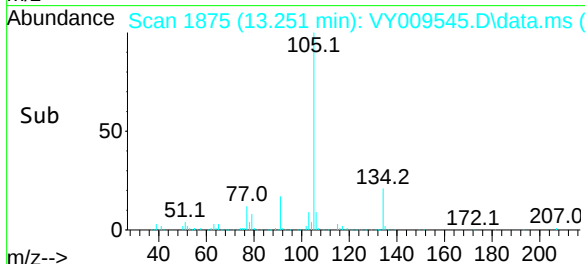
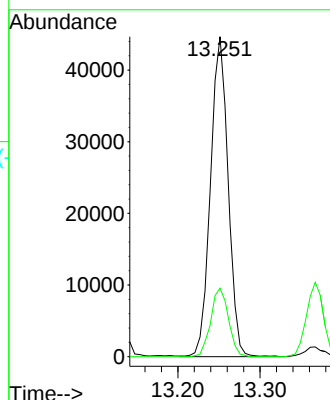
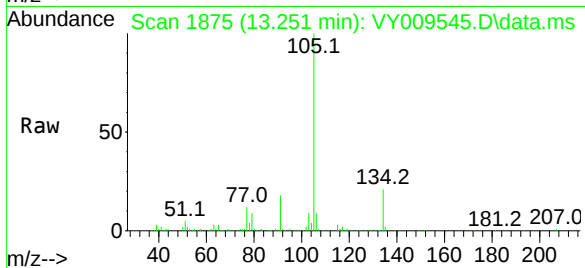
20220487A-5AMS

Tgt Ion:105 Resp: 66543

Ion Ratio Lower Upper

105 100

134 21.5 10.2 30.4



#86

p-Isopropyltoluene

Concen: 50.175 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY009545.D

Acq: 12 Jul 2022 20:06

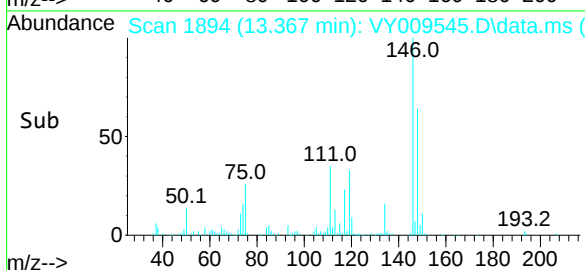
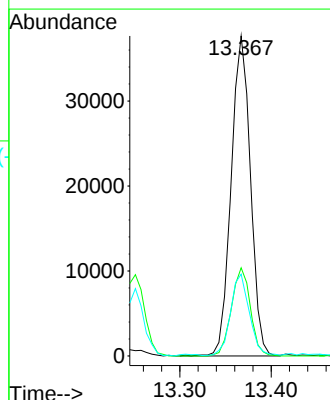
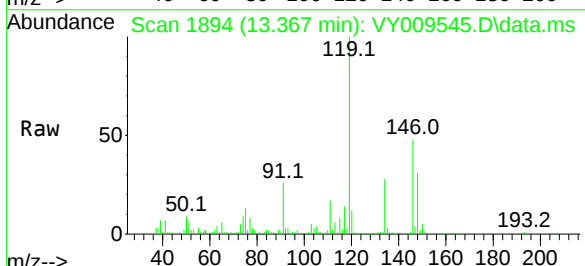
Tgt Ion:119 Resp: 55350

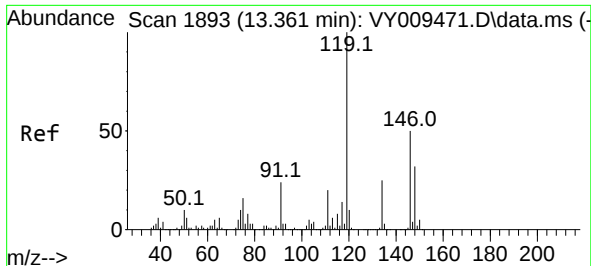
Ion Ratio Lower Upper

119 100

134 27.0 13.2 39.5

91 24.6 12.4 37.2

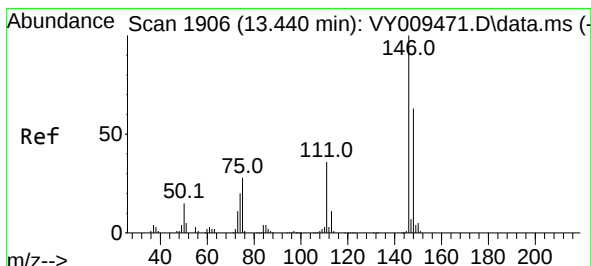
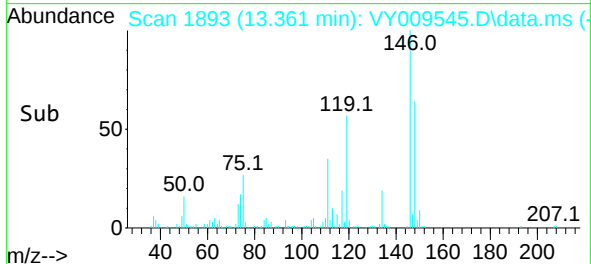
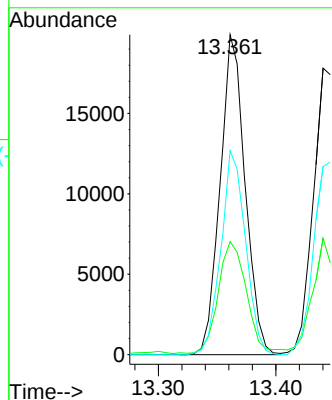
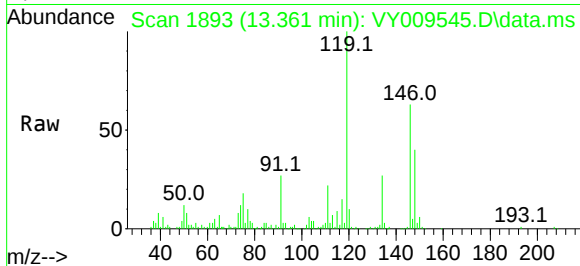




#87
1,3-Dichlorobenzene
Concen: 50.645 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VY009545.D
Acq: 12 Jul 2022 20:06

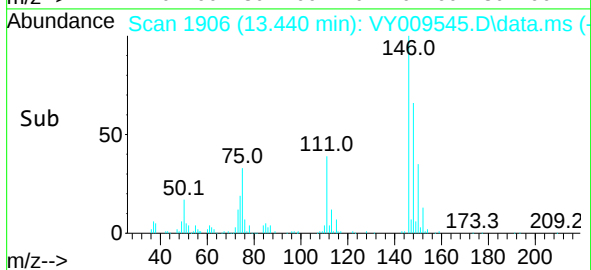
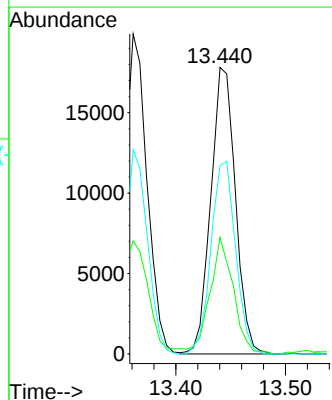
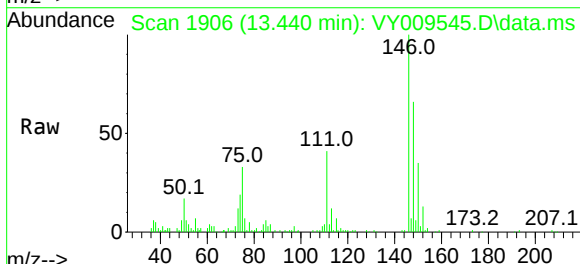
Instrument :
MSVOA_Y
ClientSampleId :
20220487A-5AMS

Tgt Ion:146 Resp: 29409
Ion Ratio Lower Upper
146 100
111 38.7 19.5 58.5
148 62.9 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 47.377 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.000 min
Lab File: VY009545.D
Acq: 12 Jul 2022 20:06

Tgt Ion:146 Resp: 27844
Ion Ratio Lower Upper
146 100
111 38.5 19.3 57.8
148 67.2 32.6 97.8





#89

n-Butylbenzene

Concen: 42.343 ug/l

RT: 13.696 min Scan# 1947

Delta R.T. 0.006 min

Lab File: VY009545.D

Acq: 12 Jul 2022 20:06

Instrument :

MSVOA_Y

ClientSampleId :

20220487A-5AMS

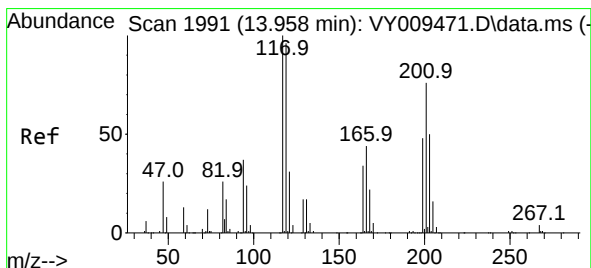
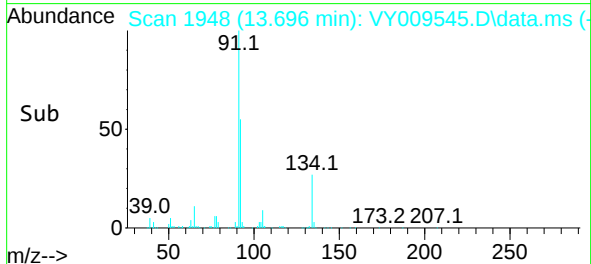
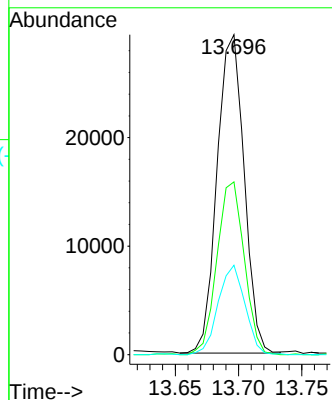
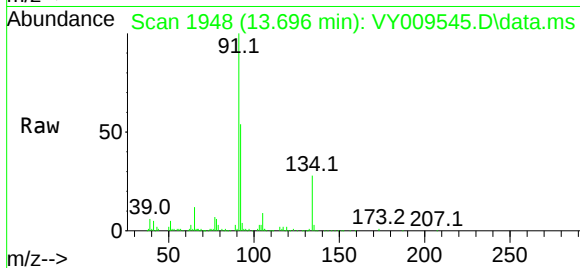
Tgt Ion: 91 Resp: 43619

Ion Ratio Lower Upper

91 100

92 54.7 26.3 78.9

134 27.9 13.0 38.9



#90

Hexachloroethane

Concen: 46.963 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY009545.D

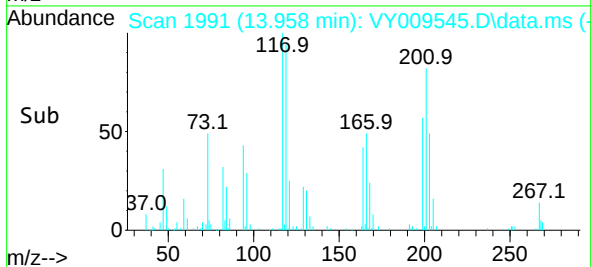
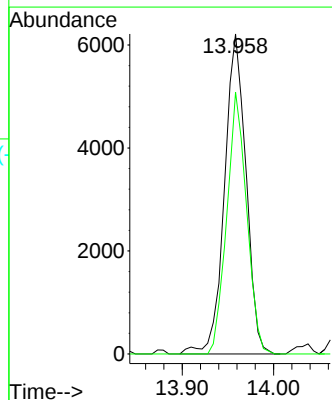
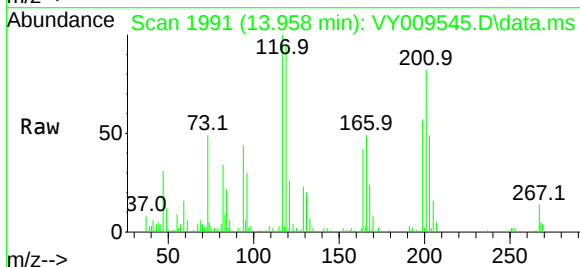
Acq: 12 Jul 2022 20:06

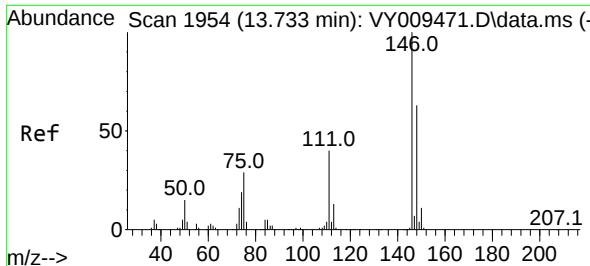
Tgt Ion: 117 Resp: 10165

Ion Ratio Lower Upper

117 100

201 75.6 43.0 128.8

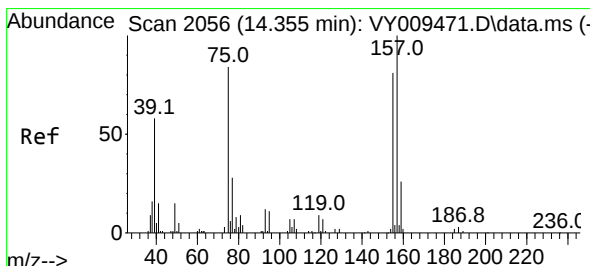
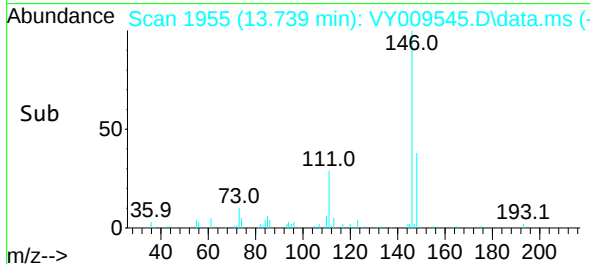
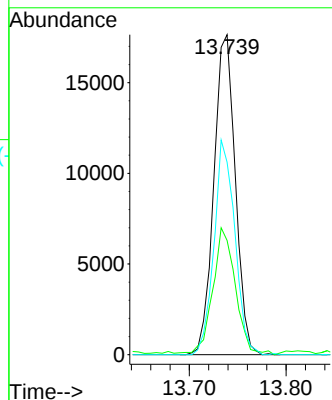
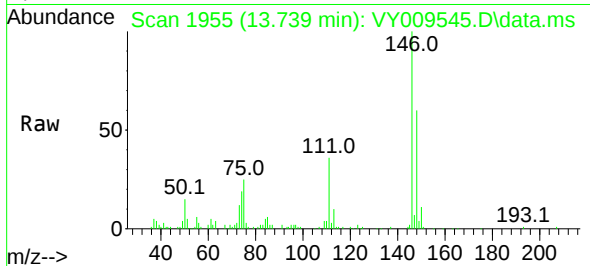




#91
1,2-Dichlorobenzene
Concen: 50.973 ug/l
RT: 13.739 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VY009545.D
Acq: 12 Jul 2022 20:06

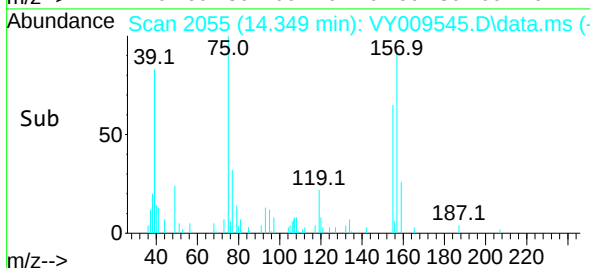
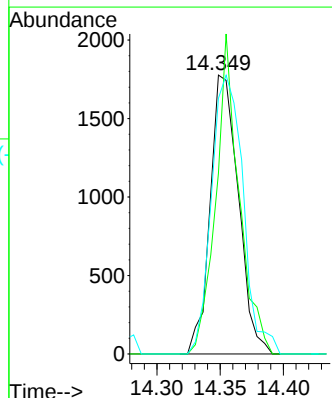
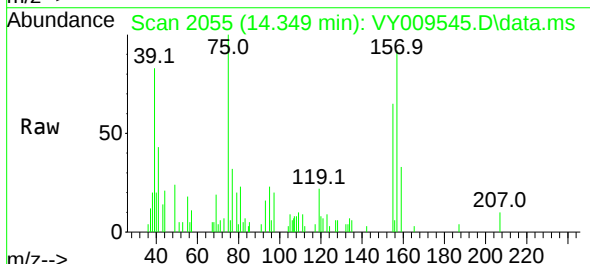
Instrument :
MSVOA_Y
ClientSampleId :
20220487A-5AMS

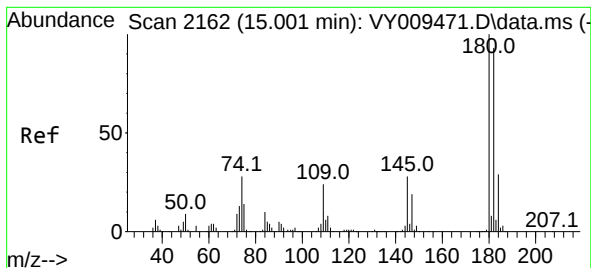
Tgt Ion:	146	Resp:	27119
Ion Ratio	Lower	Upper	
146	100		
111	41.9	20.3	60.9
148	65.1	32.3	96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 65.106 ug/l
RT: 14.349 min Scan# 2055
Delta R.T. -0.006 min
Lab File: VY009545.D
Acq: 12 Jul 2022 20:06

Tgt Ion:	75	Resp:	2761
Ion Ratio	Lower	Upper	
75	100		
155	94.2	38.0	113.9
157	111.8	47.8	143.3





#93

1,2,4-Trichlorobenzene

Concen: 30.220 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.006 min

Lab File: VY009545.D

Acq: 12 Jul 2022 20:06

Instrument :

MSVOA_Y

ClientSampleId :

20220487A-5AMS

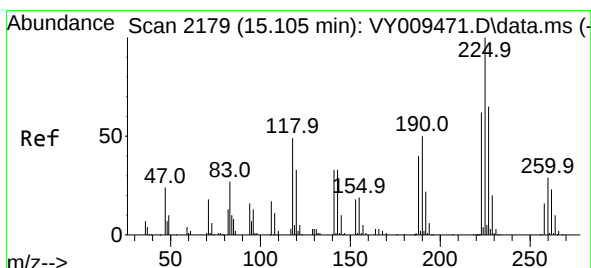
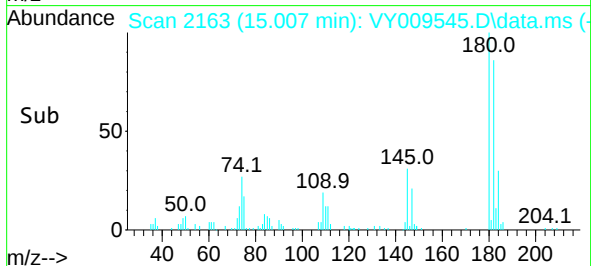
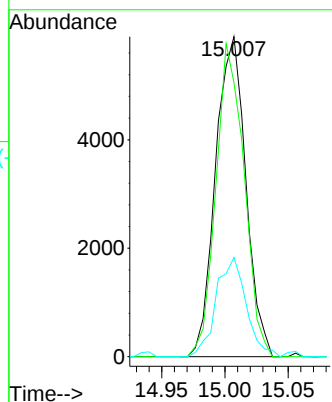
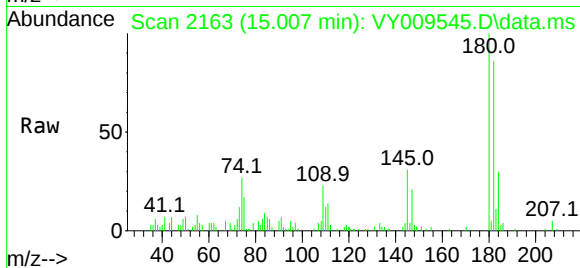
Tgt Ion:180 Resp: 9806

Ion Ratio Lower Upper

180 100

182 91.1 47.3 141.9

145 30.7 14.6 43.8



#94

Hexachlorobutadiene

Concen: 22.175 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.006 min

Lab File: VY009545.D

Acq: 12 Jul 2022 20:06

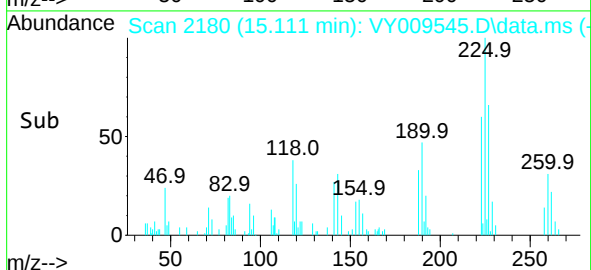
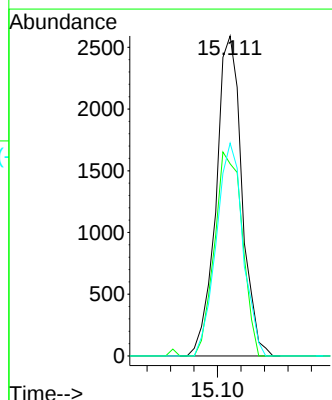
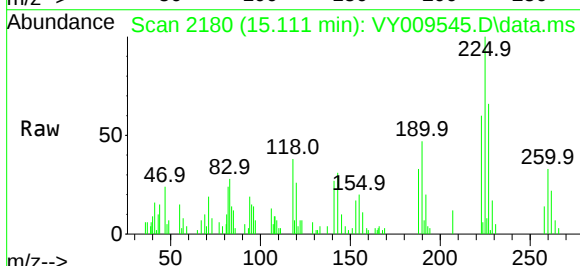
Tgt Ion:225 Resp: 3956

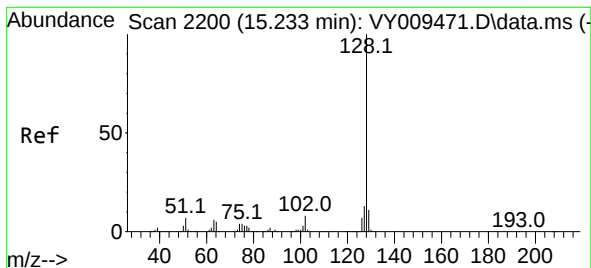
Ion Ratio Lower Upper

225 100

223 68.3 30.8 92.3

227 68.9 31.6 94.7





#95

Naphthalene

Concen: 43.318 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY009545.D

Acq: 12 Jul 2022 20:06

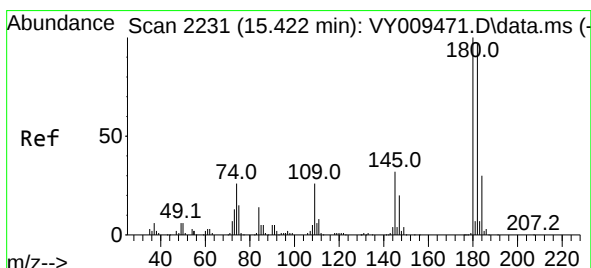
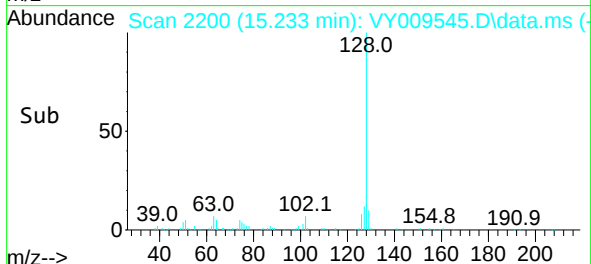
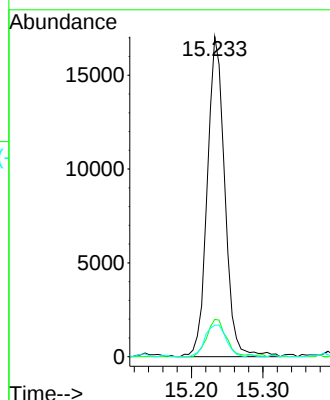
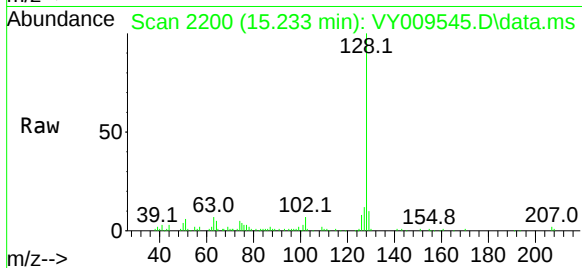
Instrument :

MSVOA_Y

ClientSampleId :

20220487A-5AMS

Tgt Ion:128	Resp:	29062
Ion Ratio	Lower	Upper
128	100	
127	13.2	11.0 16.4
129	11.9	8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 31.034 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY009545.D

Acq: 12 Jul 2022 20:06

Tgt Ion:180	Resp:	8722
Ion Ratio	Lower	Upper
180	100	
182	89.4	47.3 141.9
145	36.2	15.3 45.9

