

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072922\
 Data File : VY009768.D
 Acq On : 29 Jul 2022 13:31
 Operator : KP/MD
 Sample : VY0729SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0729SBS01

Quant Time: Aug 01 01:11:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	165440	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	248365	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	248218	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	123252	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	54537	49.473	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.940%
35) Dibromofluoromethane	7.710	113	62005	45.903	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.800%
50) Toluene-d8	10.173	98	198418	50.477	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	100.960%
62) 4-Bromofluorobenzene	12.477	95	86343	48.206	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	96.420%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.900	85	30117	20.448	ug/l	98
3) Chloromethane	2.107	50	43003	23.847	ug/l	99
4) Vinyl Chloride	2.241	62	46879	23.295	ug/l	98
5) Bromomethane	2.631	94	34490	24.722	ug/l	94
6) Chloroethane	2.778	64	30583	25.404	ug/l	99
7) Trichlorofluoromethane	3.113	101	55609	20.918	ug/l	96
8) Diethyl Ether	3.521	74	17094	19.838	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.881	101	30583	20.344	ug/l	95
10) Methyl Iodide	4.076	142	36336	18.629	ug/l	91
11) Tert butyl alcohol	4.948	59	18543	113.487	ug/l	99
12) 1,1-Dichloroethene	3.857	96	28151	19.919	ug/l	83
13) Acrolein	3.717	56	3548	130.453	ug/l	100
14) Allyl chloride	4.466	41	43101	19.397	ug/l	# 92
15) Acrylonitrile	5.149	53	43304	104.347	ug/l	98
16) Acetone	3.936	43	37642	95.161	ug/l	91
17) Carbon Disulfide	4.180	76	87025	20.013	ug/l	98
18) Methyl Acetate	4.466	43	22073	20.941	ug/l	93
19) Methyl tert-butyl Ether	5.210	73	74580	19.324	ug/l	98
20) Methylene Chloride	4.704	84	52273	22.131	ug/l	# 81
21) trans-1,2-Dichloroethene	5.204	96	32441	19.755	ug/l	88
22) Diisopropyl ether	6.106	45	96888	20.474	ug/l	94
23) Vinyl Acetate	6.051	43	301228	99.263	ug/l	# 92
24) 1,1-Dichloroethane	6.009	63	56125	20.465	ug/l	97
25) 2-Butanone	6.978	43	58201	99.739	ug/l	# 89
26) 2,2-Dichloropropane	6.972	77	52773	20.242	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	35741	19.402	ug/l	91
28) Bromochloromethane	7.326	49	19826	20.054	ug/l	# 86
29) Tetrahydrofuran	7.338	42	37619	101.802	ug/l	91
30) Chloroform	7.496	83	58546	20.406	ug/l	99
31) Cyclohexane	7.771	56	50037	19.009	ug/l	92
32) 1,1,1-Trichloroethane	7.691	97	51596	20.035	ug/l	97
36) 1,1-Dichloropropene	7.911	75	44312	20.160	ug/l	97
37) Ethyl Acetate	7.070	43	26762	20.543	ug/l	# 95
38) Carbon Tetrachloride	7.893	117	48727	20.689	ug/l	96
39) Methylcyclohexane	9.179	83	51203	18.806	ug/l	92
40) Benzene	8.155	78	132347	20.322	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	35064	52.830	ug/l #	1
42) 1,2-Dichloroethane	8.228	62	37355	20.573	ug/l	91
43) Isopropyl Acetate	8.271	43	47087	20.689	ug/l	94
44) Trichloroethene	8.935	130	36801	19.698	ug/l	95
45) 1,2-Dichloropropane	9.209	63	32771	20.725	ug/l	93
46) Dibromomethane	9.301	93	19207	20.417	ug/l	93
47) Bromodichloromethane	9.490	83	46956	21.727	ug/l	98
48) Methyl methacrylate	9.289	41	20109	20.092	ug/l #	87
49) 1,4-Dioxane	9.289	88	4952	412.253	ug/l	88
51) 4-Methyl-2-Pentanone	10.063	43	127719	110.308	ug/l	91
52) Toluene	10.240	92	87952	21.561	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	48058	21.532	ug/l	96
54) cis-1,3-Dichloropropene	9.923	75	53868	21.015	ug/l #	85
55) 1,1,2-Trichloroethane	10.642	97	28981	21.788	ug/l	96
56) Ethyl methacrylate	10.508	69	33731	20.355	ug/l	85
57) 1,3-Dichloropropane	10.788	76	47945	22.163	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	54878	82.341	ug/l	92
59) 2-Hexanone	10.831	43	87758	106.352	ug/l	92
60) Dibromochloromethane	10.984	129	35683	22.180	ug/l	97
61) 1,2-Dibromoethane	11.087	107	27472	21.203	ug/l	96
64) Tetrachloroethene	10.715	164	38013	19.423	ug/l	97
65) Chlorobenzene	11.514	112	98287	19.733	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	36617	19.755	ug/l	98
67) Ethyl Benzene	11.593	91	163274	18.965	ug/l	96
68) m/p-Xylenes	11.697	106	132825	38.865	ug/l	90
69) o-Xylene	12.026	106	58030	18.157	ug/l	91
70) Styrene	12.044	104	100260	18.665	ug/l	93
71) Bromoform	12.203	173	22770	19.238	ug/l #	99
73) Isopropylbenzene	12.325	105	154099	18.808	ug/l	100
74) N-amyl acetate	12.142	43	40642	19.204	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	32678	20.277	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	41945	36.639	ug/l #	100
77) Bromobenzene	12.605	156	40177	19.745	ug/l	88
78) n-propylbenzene	12.666	91	188035	19.312	ug/l	97
79) 2-Chlorotoluene	12.752	91	103816	18.840	ug/l	93
80) 1,3,5-Trimethylbenzene	12.812	105	130333	19.194	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.374	75	11146	19.407	ug/l	87
82) 4-Chlorotoluene	12.849	91	109588	19.117	ug/l	95
83) tert-Butylbenzene	13.075	119	112800	18.485	ug/l	91
84) 1,2,4-Trimethylbenzene	13.117	105	129138	18.868	ug/l	96
85) sec-Butylbenzene	13.251	105	171795	19.174	ug/l	98
86) p-Isopropyltoluene	13.367	119	142418	18.794	ug/l	96
87) 1,3-Dichlorobenzene	13.361	146	79726	19.405	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	80088	19.357	ug/l	98
89) n-Butylbenzene	13.696	91	131143	18.890	ug/l	99
90) Hexachloroethane	13.959	117	28035	18.807	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	71479	19.480	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5028	18.567	ug/l	72
93) 1,2,4-Trichlorobenzene	15.007	180	42396	18.307	ug/l	99
94) Hexachlorobutadiene	15.111	225	26630	18.992	ug/l	99
95) Naphthalene	15.233	128	77396	17.829	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	37776	18.650	ug/l	97

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ClientSampleId :
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QLast Update : Wed Jul 27 04:24:58 2022
Response via : Initial Calibration

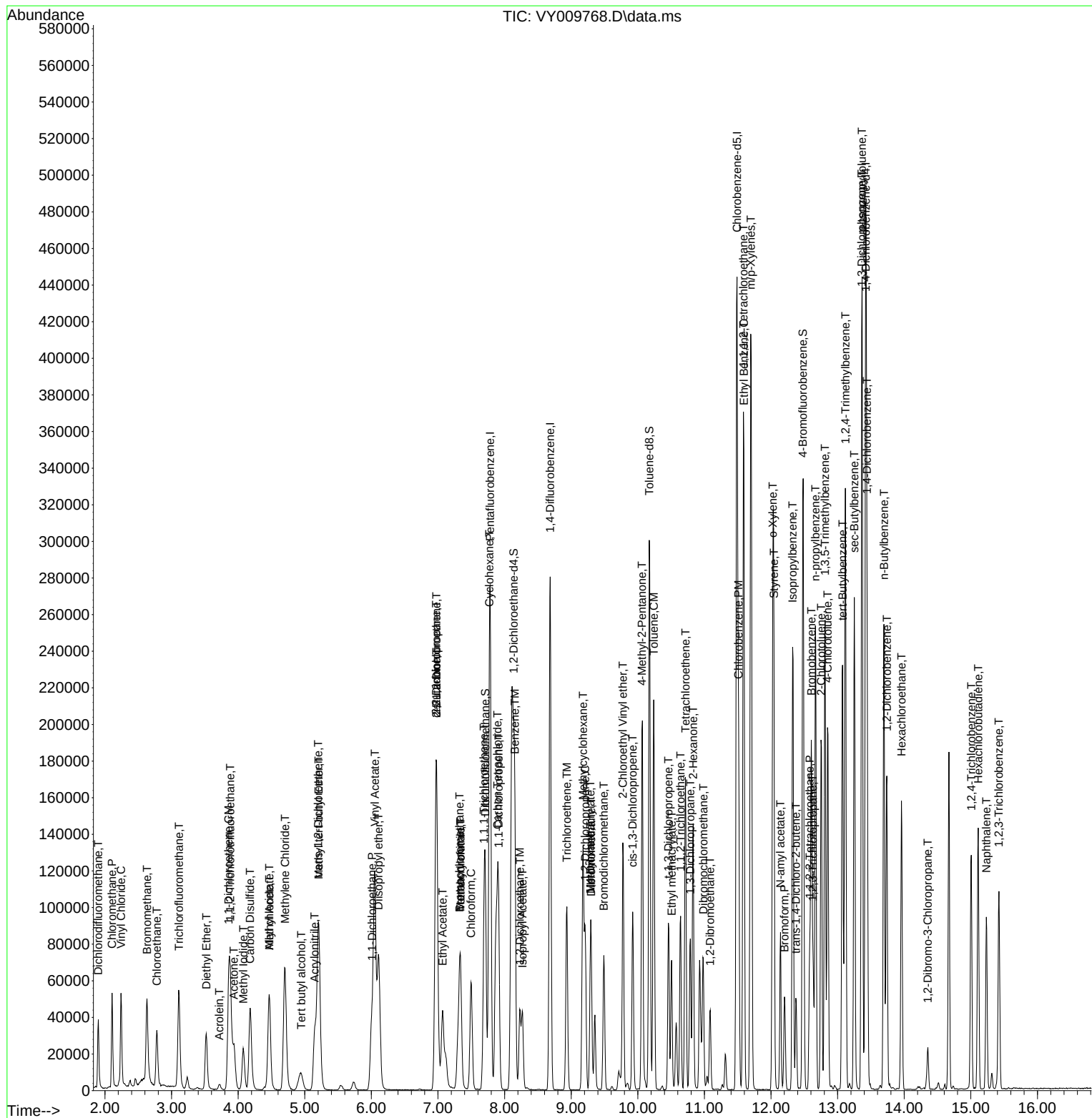
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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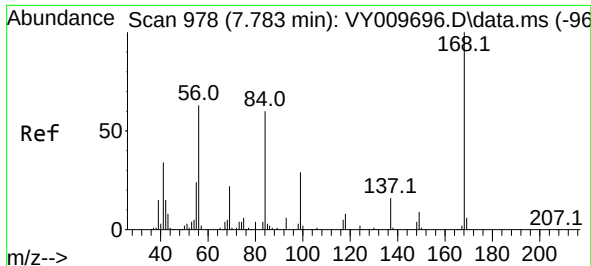
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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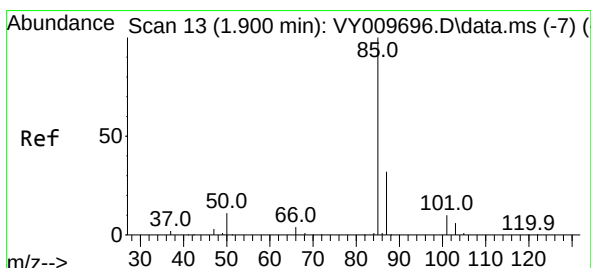
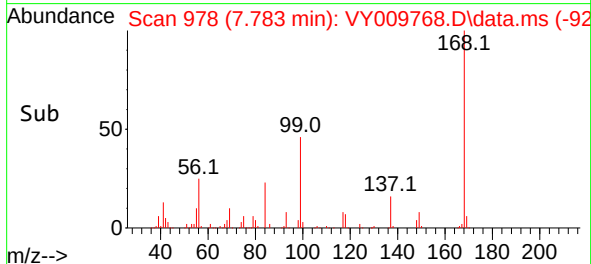
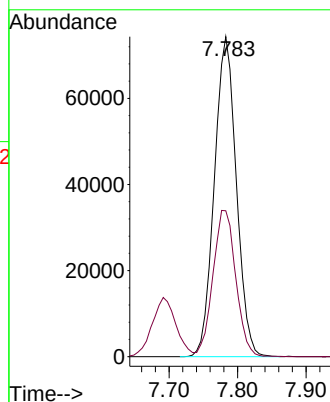
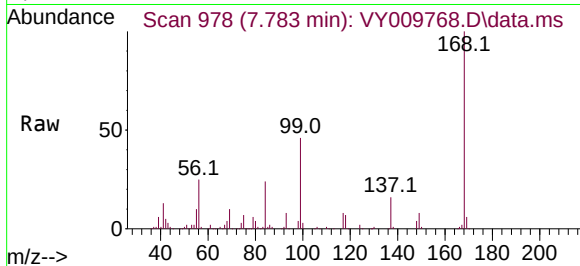




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
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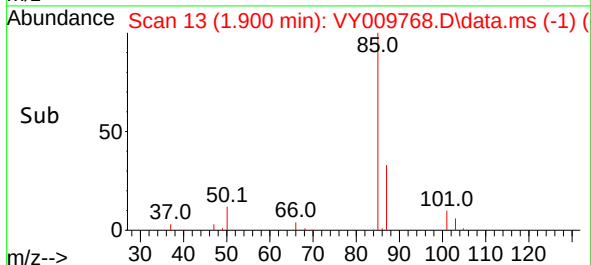
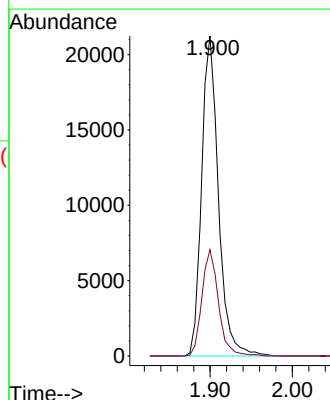
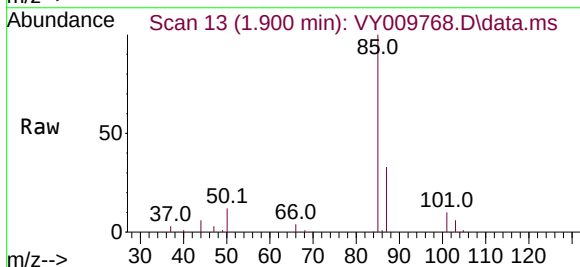
Instrument :
MSVOA_Y
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VY0729SBS01

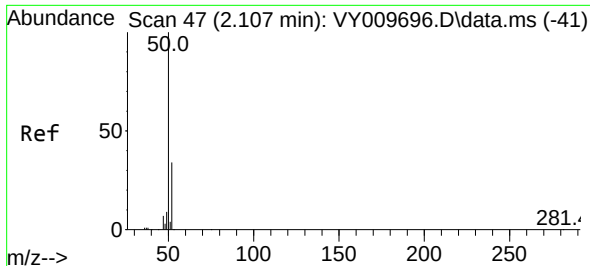
Tgt Ion:168 Resp: 165440
Ion Ratio Lower Upper
168 100
99 45.5 46.9 70.3#



#2
Dichlorodifluoromethane
Concen: 20.448 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009768.D
Acq: 29 Jul 2022 13:31

Tgt Ion: 85 Resp: 30117
Ion Ratio Lower Upper
85 100
87 33.2 16.1 48.2

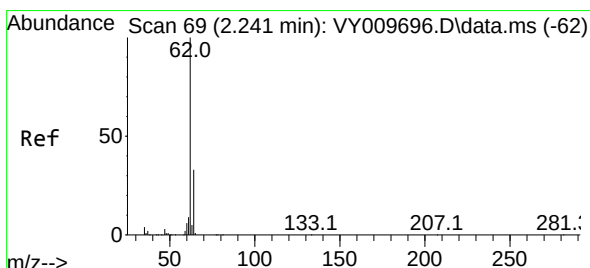
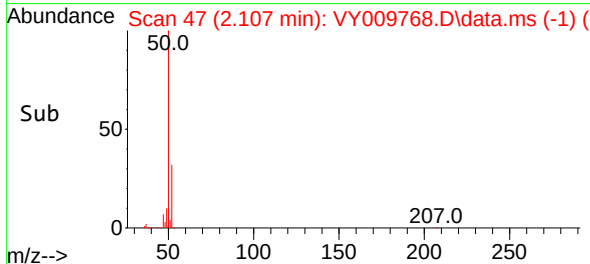
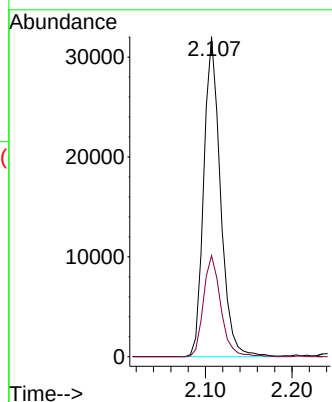
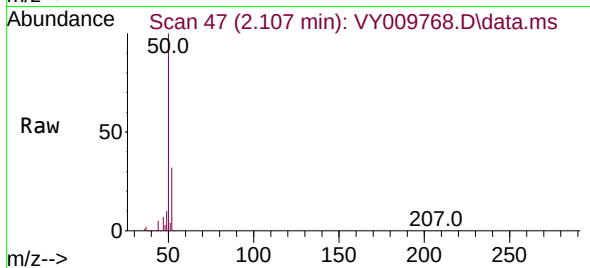




#3
Chloromethane
Concen: 23.847 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009768.D
Acq: 29 Jul 2022 13:31

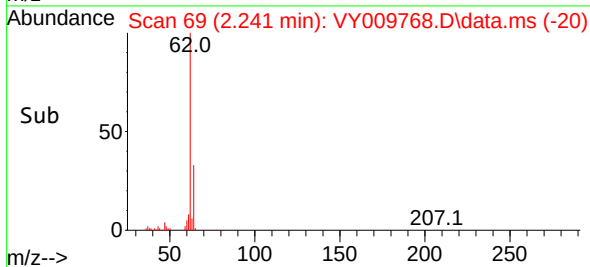
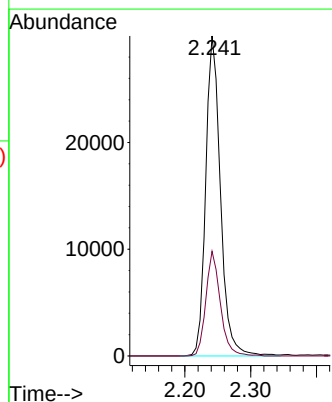
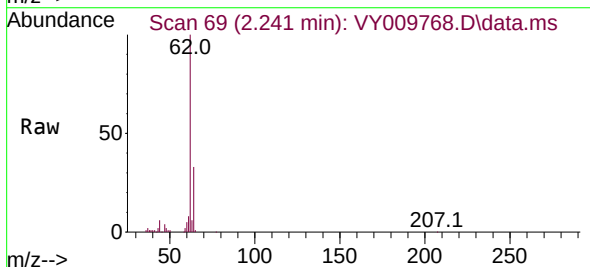
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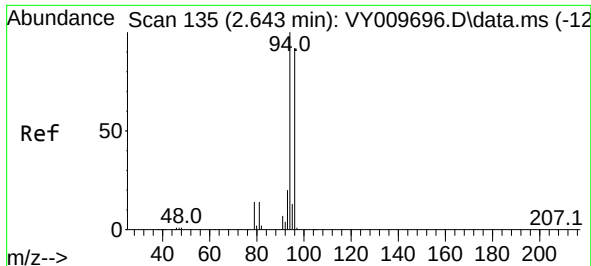
Tgt Ion: 50 Resp: 43003
Ion Ratio Lower Upper
50 100
52 31.6 24.6 37.0



#4
Vinyl Chloride
Concen: 23.295 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.000 min
Lab File: VY009768.D
Acq: 29 Jul 2022 13:31

Tgt Ion: 62 Resp: 46879
Ion Ratio Lower Upper
62 100
64 32.7 25.0 37.6

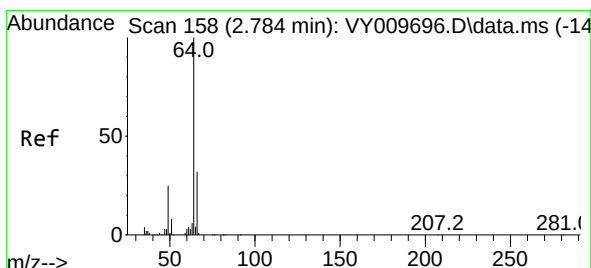
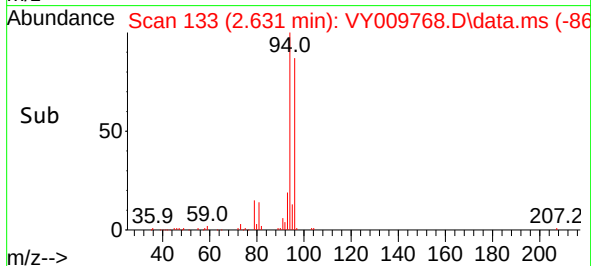
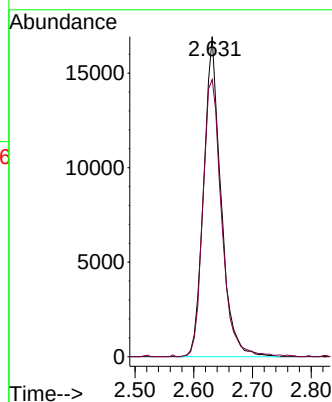
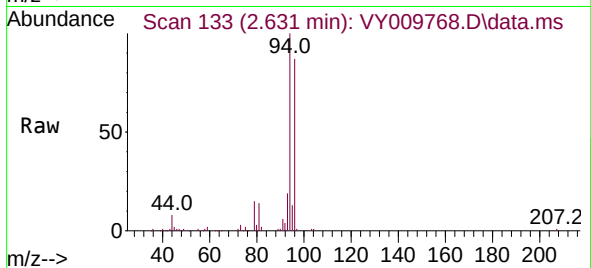




#5
Bromomethane
Concen: 24.722 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY009768.D
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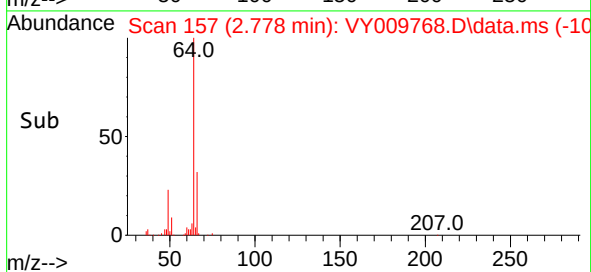
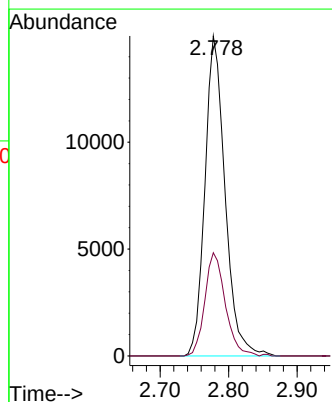
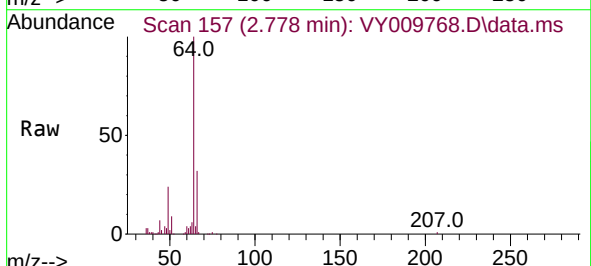
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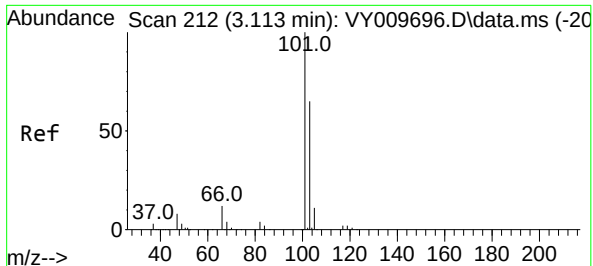
Tgt Ion: 94 Resp: 34490
Ion Ratio Lower Upper
94 100
96 86.6 73.5 110.3



#6
Chloroethane
Concen: 25.404 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.006 min
Lab File: VY009768.D
Acq: 29 Jul 2022 13:31

Tgt Ion: 64 Resp: 30583
Ion Ratio Lower Upper
64 100
66 32.2 25.4 38.0

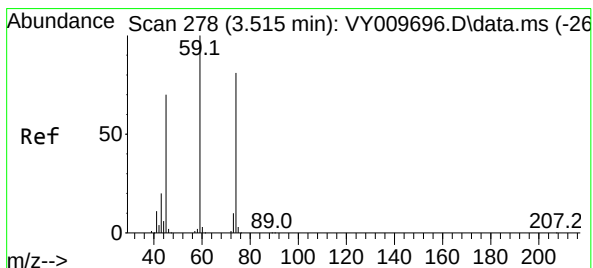
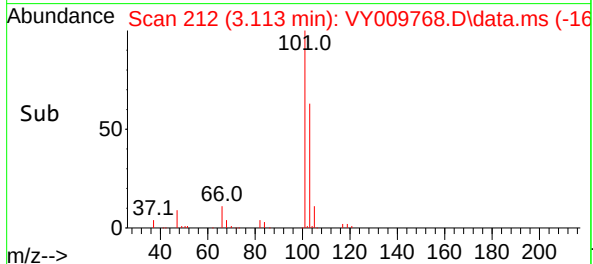
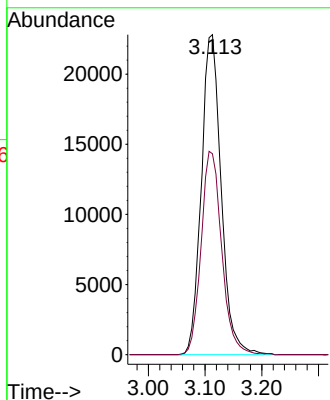
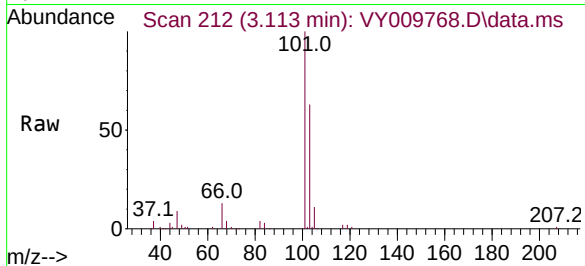




#7
 Trichlorofluoromethane
 Concen: 20.918 ug/l
 RT: 3.113 min Scan# 212
 Delta R.T. -0.000 min
 Lab File: VY009768.D
 Acq: 29 Jul 2022 13:31

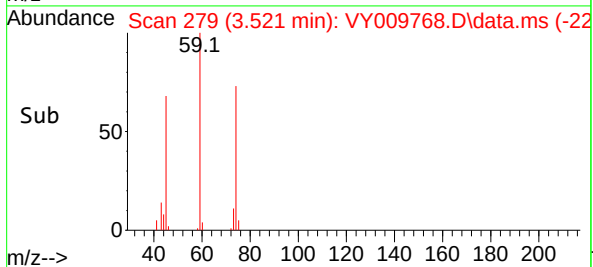
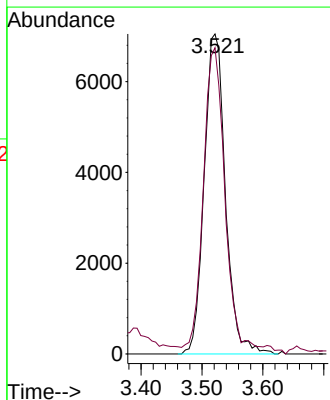
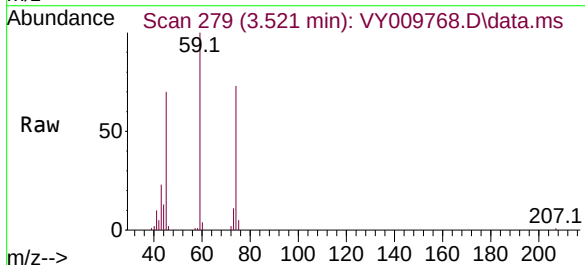
Instrument :
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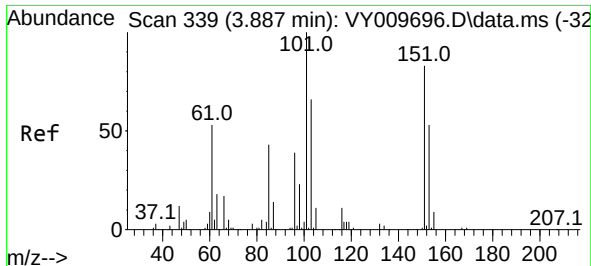
Tgt Ion:101 Resp: 55609
 Ion Ratio Lower Upper
 101 100
 103 62.8 48.0 72.0



#8
 Diethyl Ether
 Concen: 19.838 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. 0.006 min
 Lab File: VY009768.D
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Tgt Ion: 74 Resp: 17094
 Ion Ratio Lower Upper
 74 100
 45 92.9 55.1 165.5

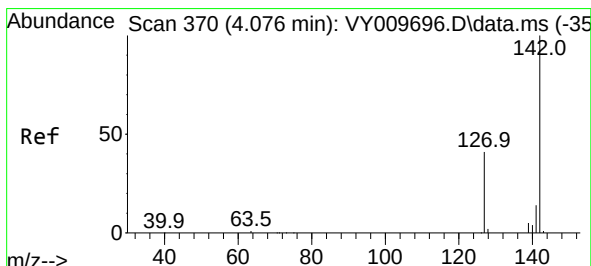
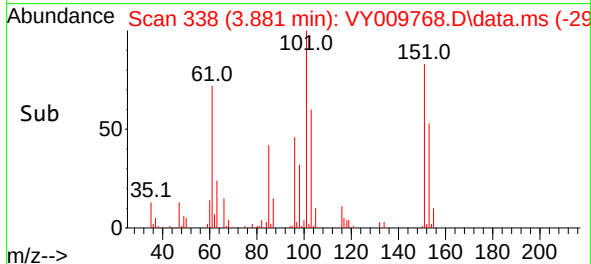
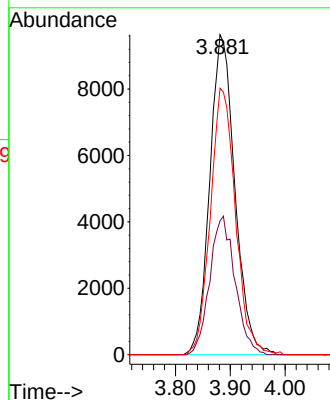
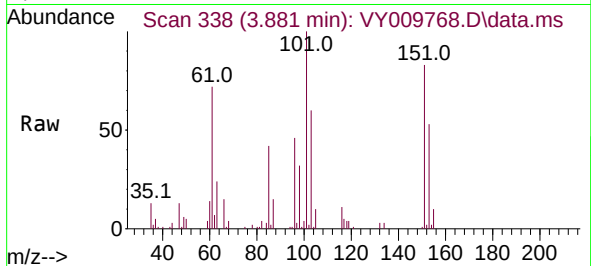




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.344 ug/l
RT: 3.881 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY009768.D
Acq: 29 Jul 2022 13:31

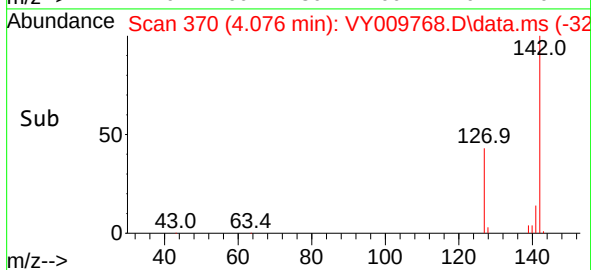
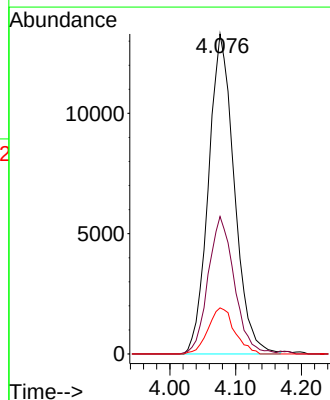
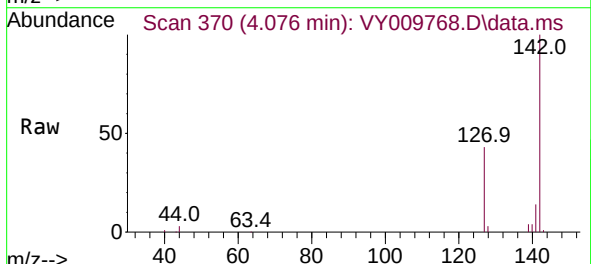
Instrument :
MSVOA_Y
ClientSampleId :
VY0729SBS01

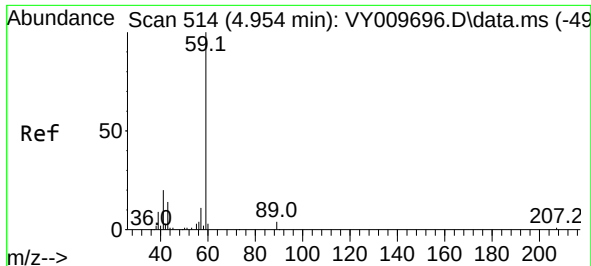
Tgt Ion:101	Resp:	30583
Ion Ratio	Lower	Upper
101	100	
85	43.7	40.6 60.8
151	83.4	64.9 97.3



#10
Methyl Iodide
Concen: 18.629 ug/l
RT: 4.076 min Scan# 370
Delta R.T. 0.000 min
Lab File: VY009768.D
Acq: 29 Jul 2022 13:31

Tgt Ion:142	Resp:	36336
Ion Ratio	Lower	Upper
142	100	
127	43.5	41.5 62.3
141	14.7	11.9 17.9

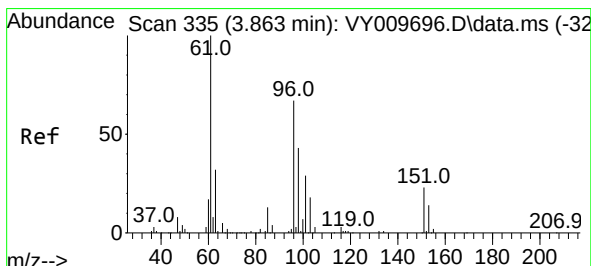
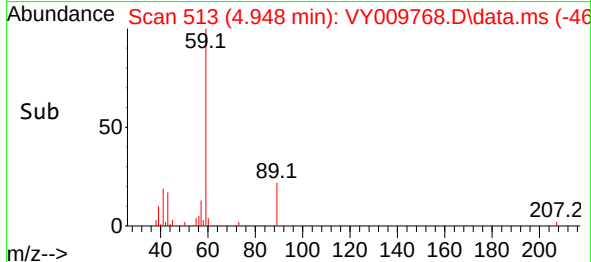
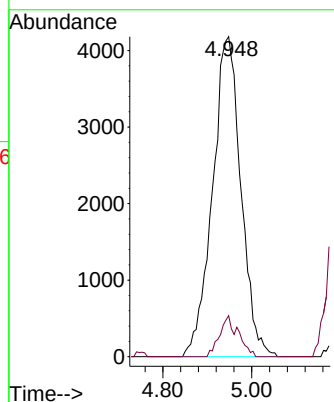
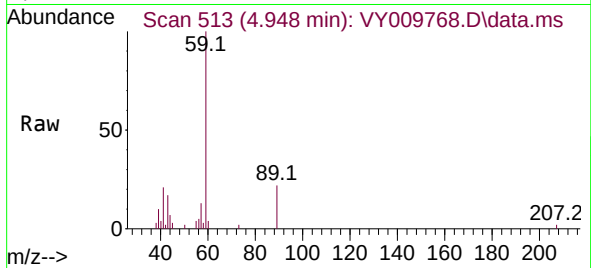




#11
Tert butyl alcohol
Concen: 113.487 ug/l
RT: 4.948 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY009768.D
Acq: 29 Jul 2022 13:31

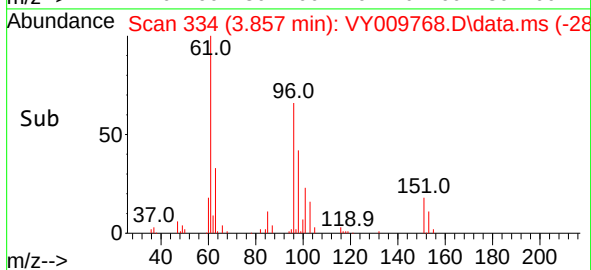
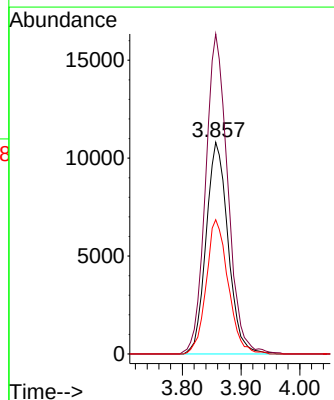
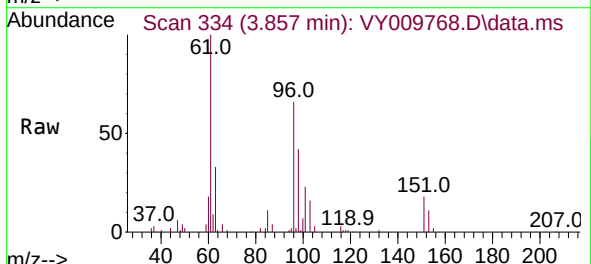
Instrument :
MSVOA_Y
ClientSampleId :
VY0729SBS01

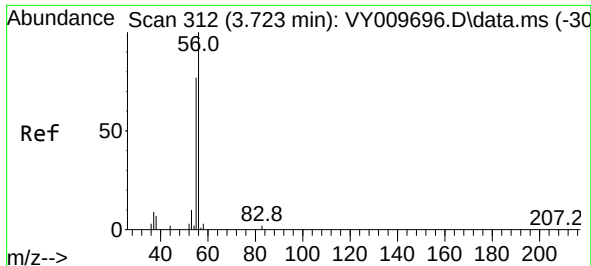
Tgt Ion: 59 Resp: 18543
Ion Ratio Lower Upper
59 100
57 8.4 6.4 9.6



#12
1,1-Dichloroethene
Concen: 19.919 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.006 min
Lab File: VY009768.D
Acq: 29 Jul 2022 13:31

Tgt Ion: 96 Resp: 28151
Ion Ratio Lower Upper
96 100
61 151.1 145.8 218.6
98 63.4 52.5 78.7

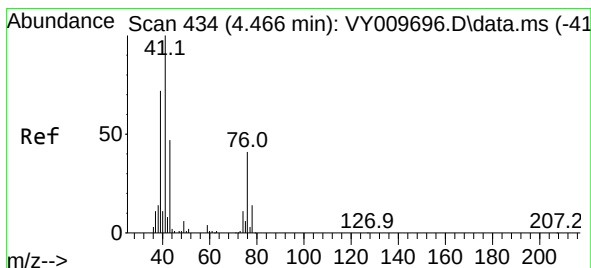
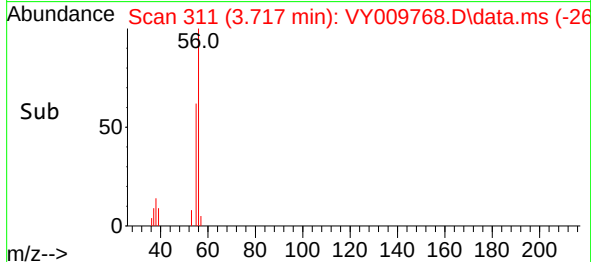
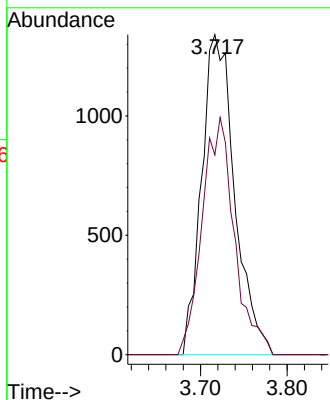
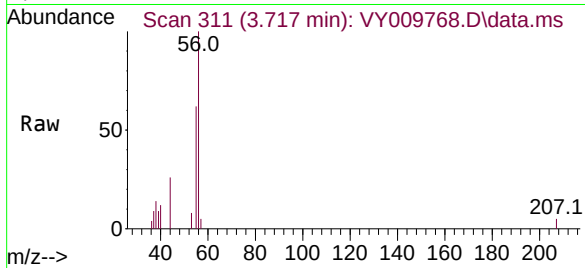




#13
Acrolein
Concen: 130.453 ug/l
RT: 3.717 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY009768.D
Acq: 29 Jul 2022 13:31

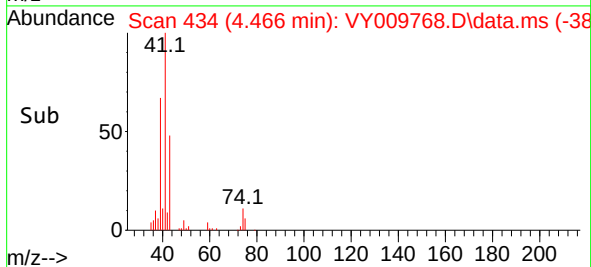
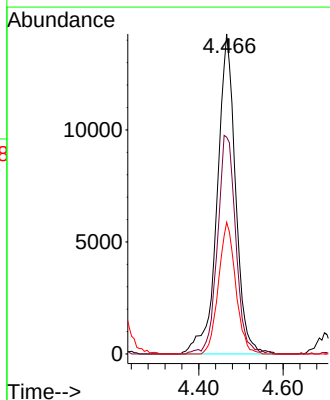
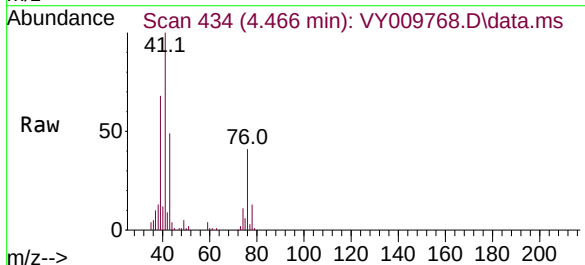
Instrument :
MSVOA_Y
ClientSampleId :
VY0729SBS01

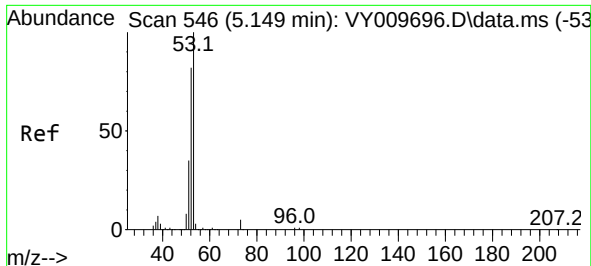
Tgt Ion: 56 Resp: 3548
Ion Ratio Lower Upper
56 100
55 72.2 57.6 86.4



#14
Allyl chloride
Concen: 19.397 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY009768.D
Acq: 29 Jul 2022 13:31

Tgt Ion: 41 Resp: 43101
Ion Ratio Lower Upper
41 100
39 68.1 58.8 88.2
76 38.4 25.1 37.7#

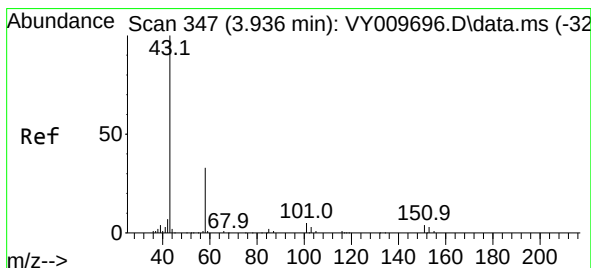
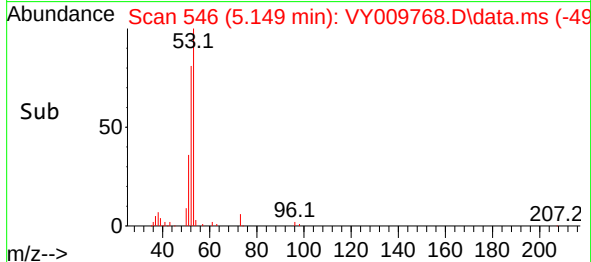
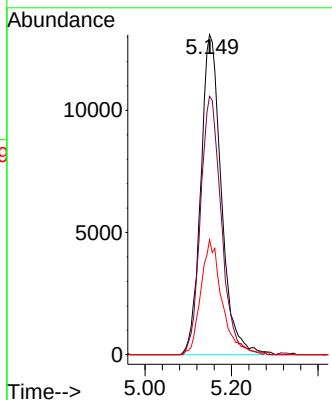
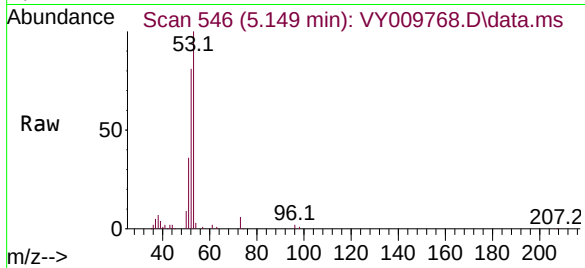




#15
Acrylonitrile
Concen: 104.347 ug/l
RT: 5.149 min Scan# 546
Delta R.T. 0.000 min
Lab File: VY009768.D
Acq: 29 Jul 2022 13:31

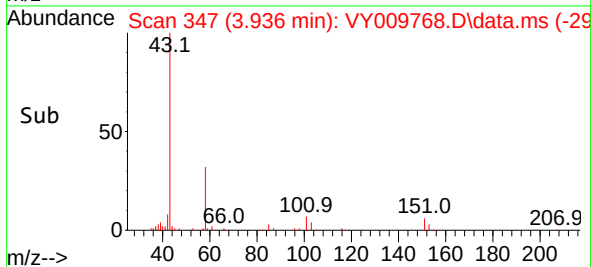
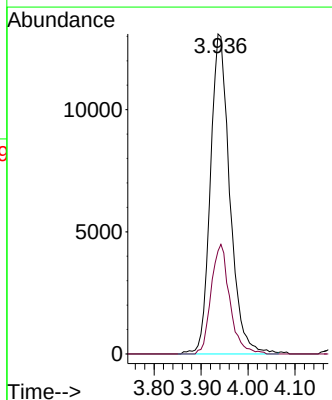
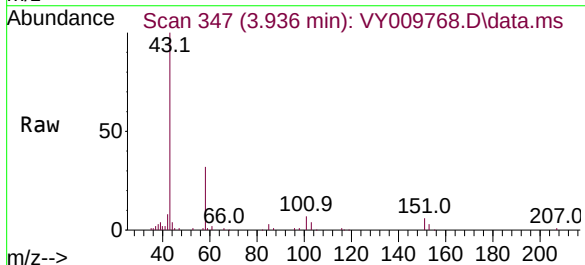
Instrument :
MSVOA_Y
ClientSampleId :
VY0729SBS01

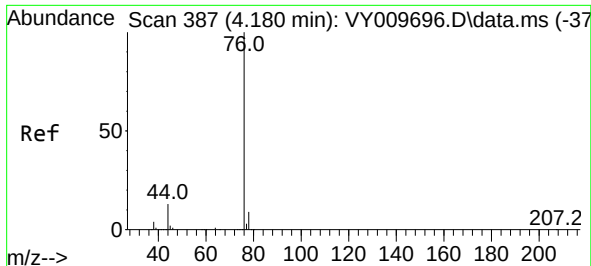
Tgt Ion: 53 Resp: 43304
Ion Ratio Lower Upper
53 100
52 81.6 67.0 100.4
51 36.8 29.8 44.6



#16
Acetone
Concen: 95.161 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY009768.D
Acq: 29 Jul 2022 13:31

Tgt Ion: 43 Resp: 37642
Ion Ratio Lower Upper
43 100
58 32.2 22.0 33.0

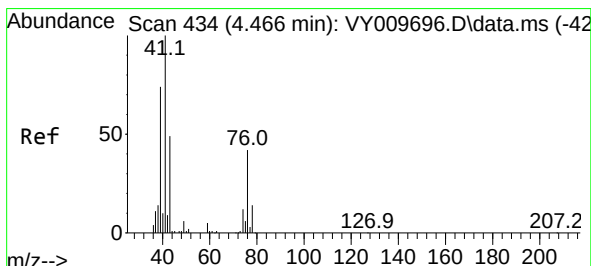
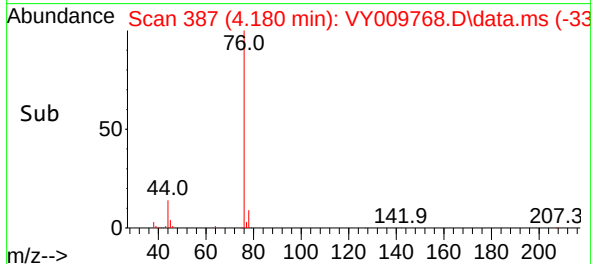
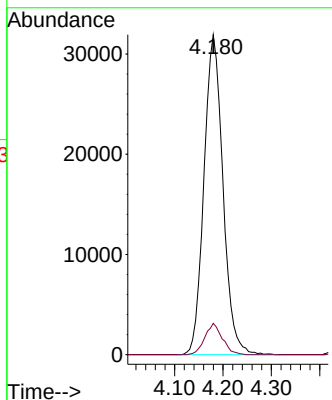
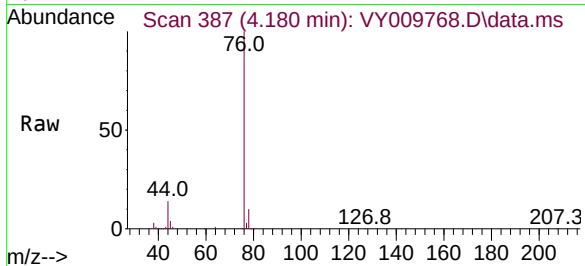




#17
Carbon Disulfide
Concen: 20.013 ug/l
RT: 4.180 min Scan# 387
Delta R.T. -0.000 min
Lab File: VY009768.D
Acq: 29 Jul 2022 13:31

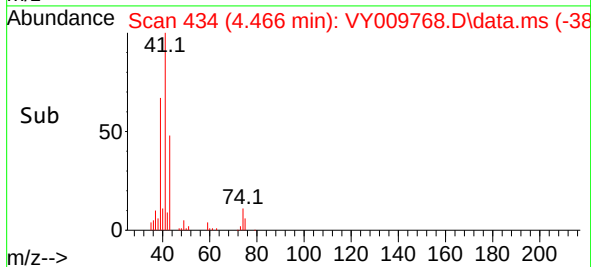
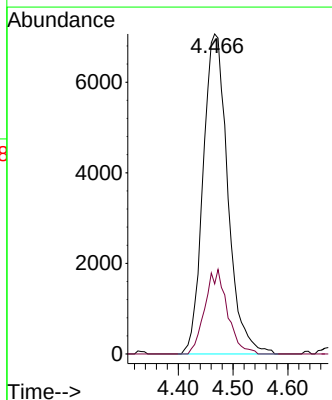
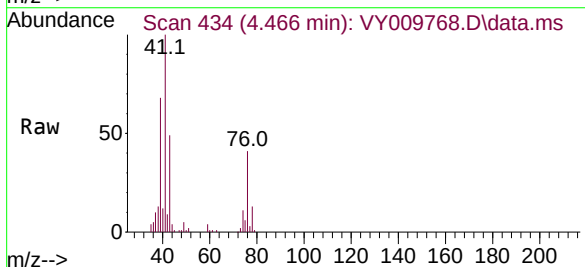
Instrument :
MSVOA_Y
ClientSampleId :
VY0729SBS01

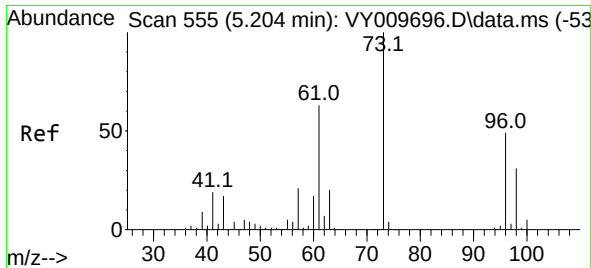
Tgt Ion: 76 Resp: 87025
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.0



#18
Methyl Acetate
Concen: 20.941 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY009768.D
Acq: 29 Jul 2022 13:31

Tgt Ion: 43 Resp: 22073
Ion Ratio Lower Upper
43 100
74 24.0 16.6 24.8

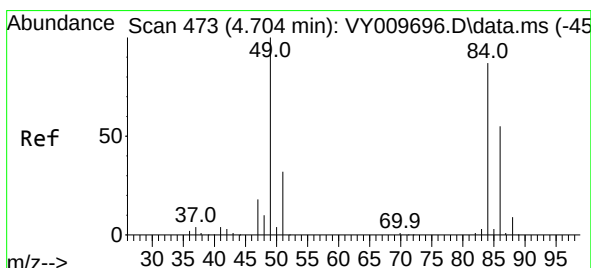
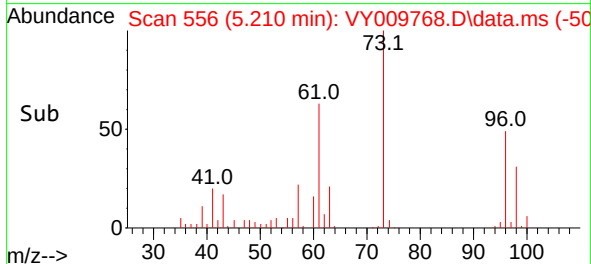
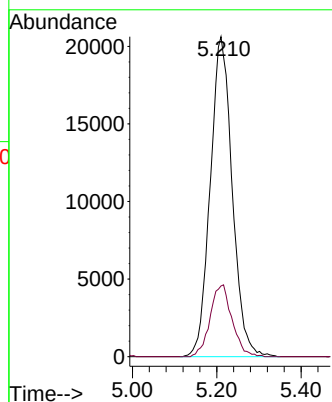
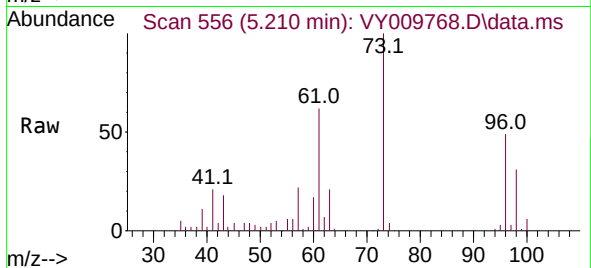




#19
Methyl tert-butyl Ether
Concen: 19.324 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY009768.D
Acq: 29 Jul 2022 13:31

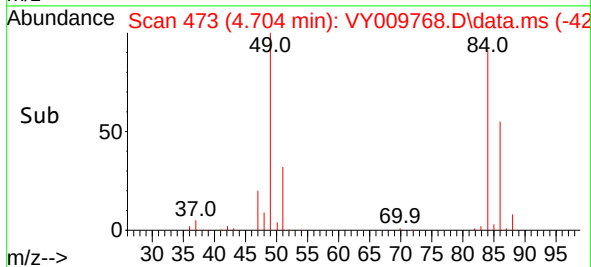
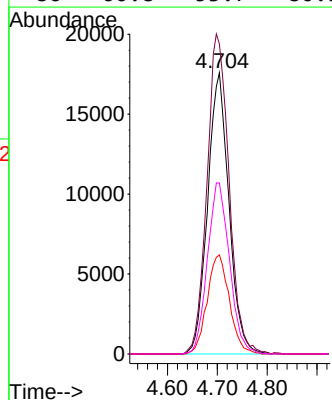
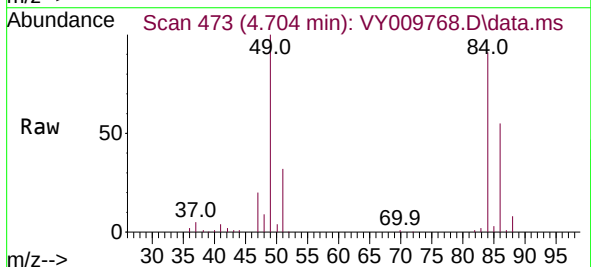
Instrument :
MSVOA_Y
ClientSampleId :
VY0729SBS01

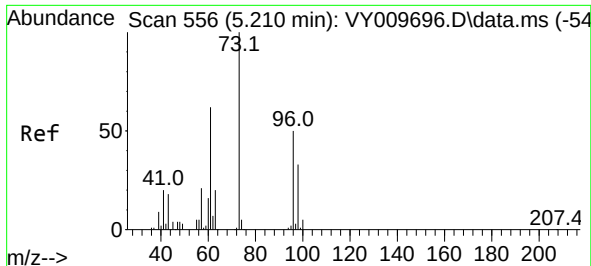
Tgt Ion: 73 Resp: 74580
Ion Ratio Lower Upper
73 100
57 22.1 18.6 27.8



#20
Methylene Chloride
Concen: 22.131 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY009768.D
Acq: 29 Jul 2022 13:31

Tgt Ion: 84 Resp: 52273
Ion Ratio Lower Upper
84 100
49 110.2 114.4 171.6#
51 35.2 35.3 52.9#
86 60.8 53.7 80.5

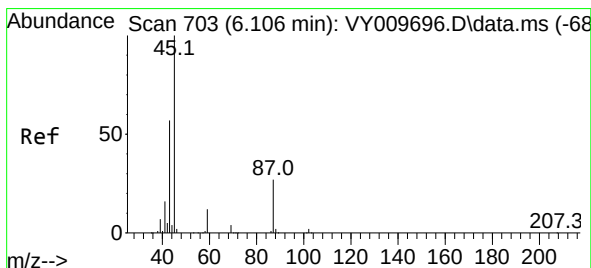
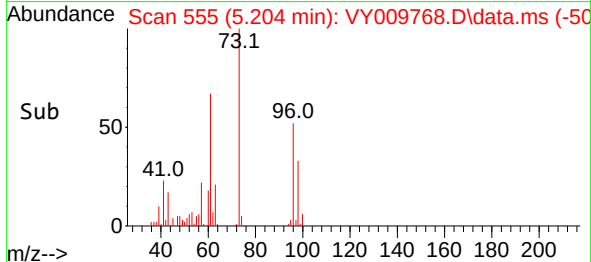
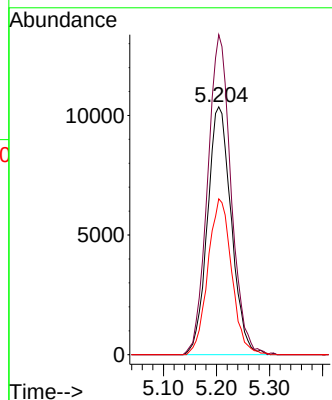
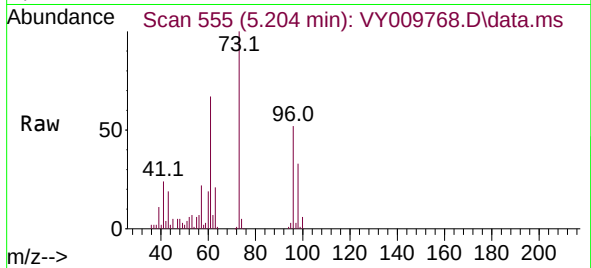




#21
trans-1,2-Dichloroethene
Concen: 19.755 ug/l
RT: 5.204 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY009768.D
Acq: 29 Jul 2022 13:31

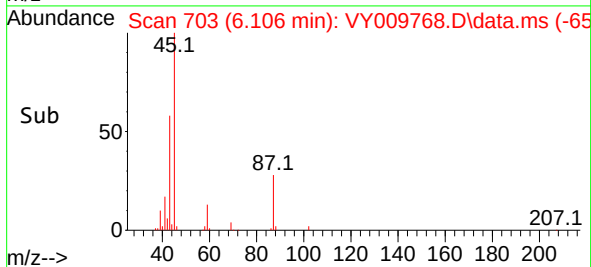
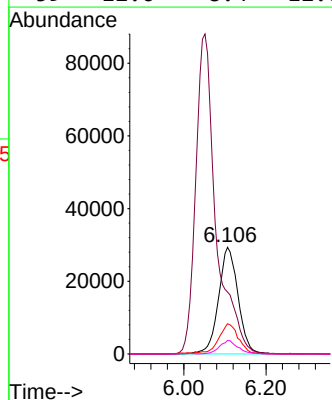
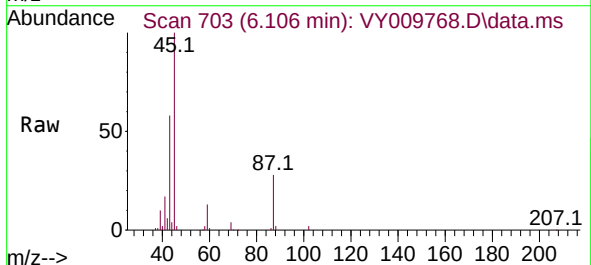
Instrument :
MSVOA_Y
ClientSampleId :
VY0729SBS01

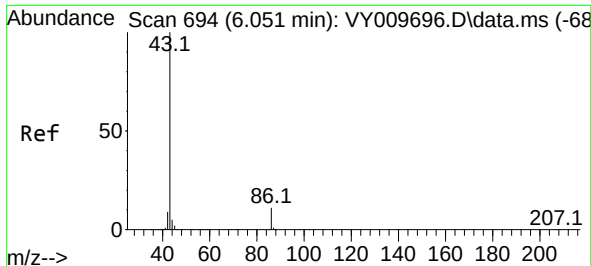
Tgt Ion: 96 Resp: 32441
Ion Ratio Lower Upper
96 100
61 129.1 120.5 180.7
98 62.8 49.8 74.8



#22
Diisopropyl ether
Concen: 20.474 ug/l
RT: 6.106 min Scan# 703
Delta R.T. 0.000 min
Lab File: VY009768.D
Acq: 29 Jul 2022 13:31

Tgt Ion: 45 Resp: 96888
Ion Ratio Lower Upper
45 100
43 57.8 49.3 73.9
87 28.4 19.2 28.8
59 12.6 8.4 12.6

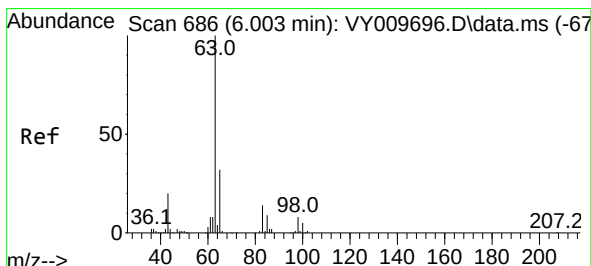
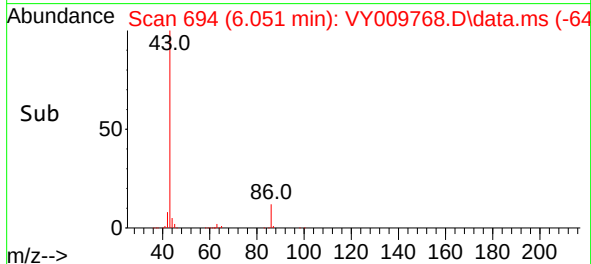
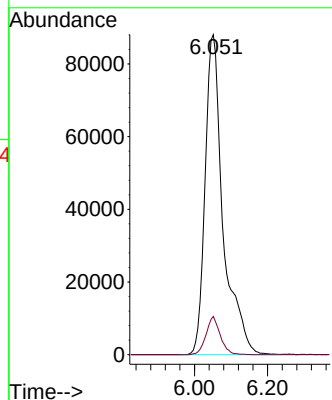
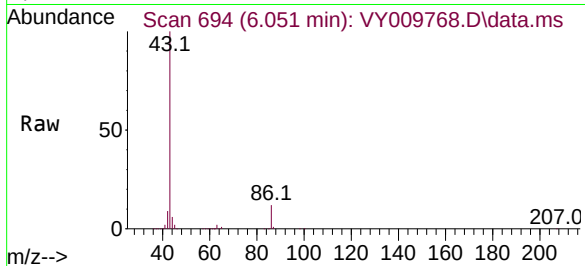




#23
 Vinyl Acetate
 Concen: 99.263 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY009768.D
 Acq: 29 Jul 2022 13:31

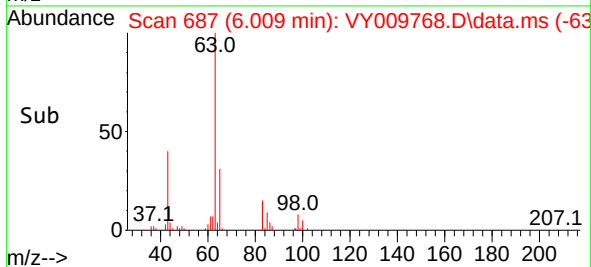
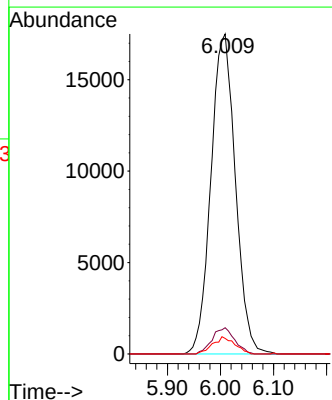
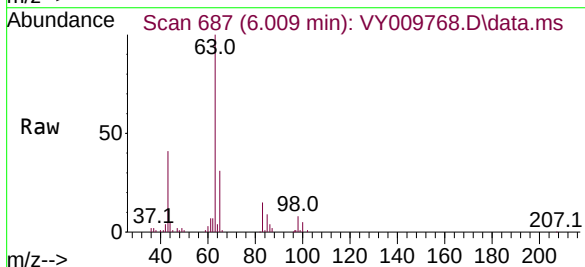
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0729SBS01

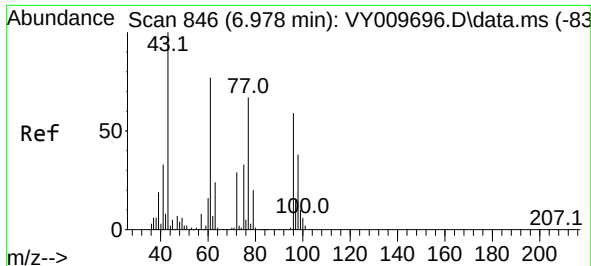
Tgt Ion: 43 Resp: 301228
 Ion Ratio Lower Upper
 43 100
 86 11.9 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 20.465 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.006 min
 Lab File: VY009768.D
 Acq: 29 Jul 2022 13:31

Tgt Ion: 63 Resp: 56125
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.6 10.8
 100 4.9 2.0 5.8

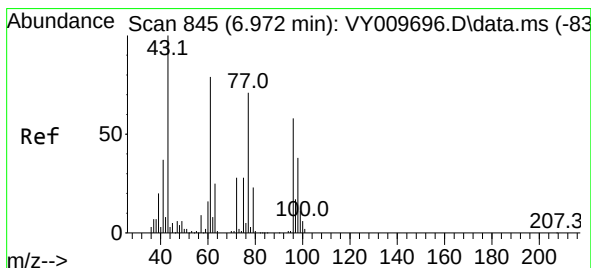
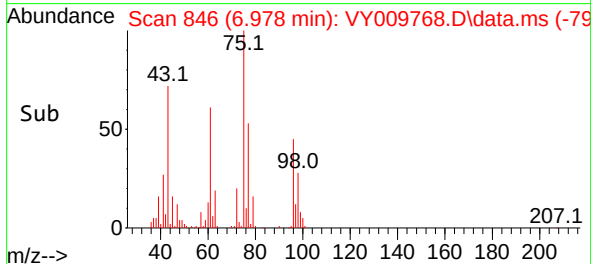
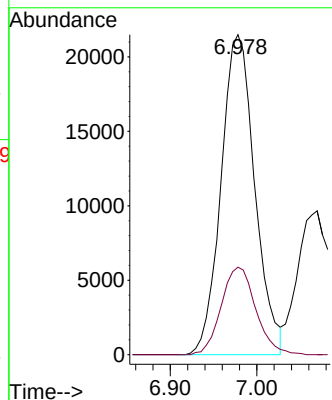
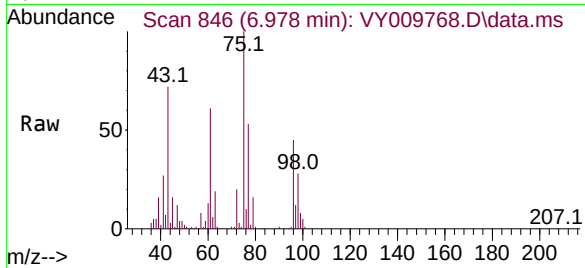




#25
2-Butanone
Concen: 99.739 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY009768.D
Acq: 29 Jul 2022 13:31

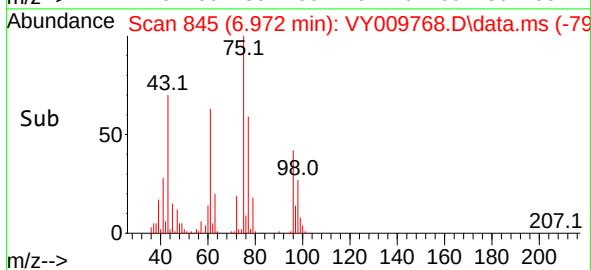
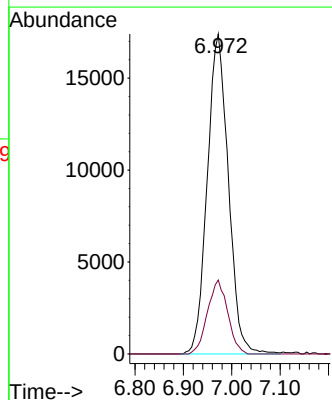
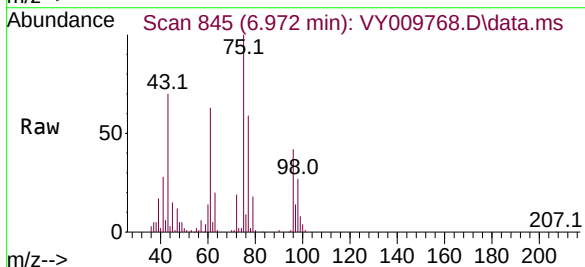
Instrument :
MSVOA_Y
ClientSampleId :
VY0729SBS01

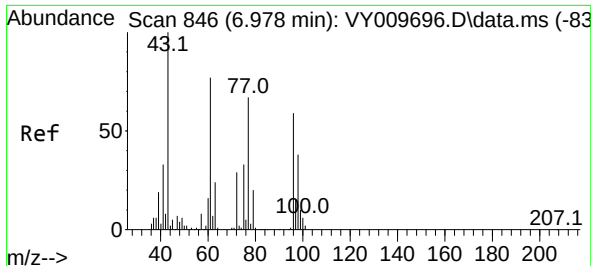
Tgt Ion: 43 Resp: 58201
Ion Ratio Lower Upper
43 100
72 27.4 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 20.242 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY009768.D
Acq: 29 Jul 2022 13:31

Tgt Ion: 77 Resp: 52773
Ion Ratio Lower Upper
77 100
97 22.0 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 19.402 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY009768.D

Acq: 29 Jul 2022 13:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0729SBS01

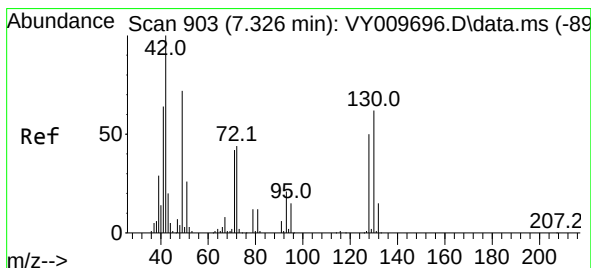
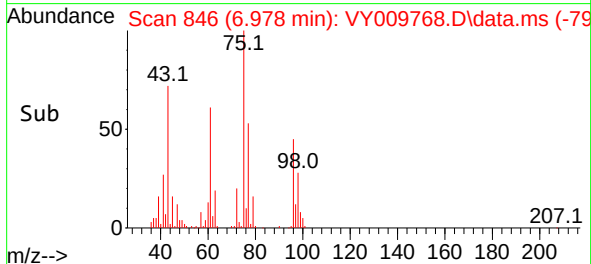
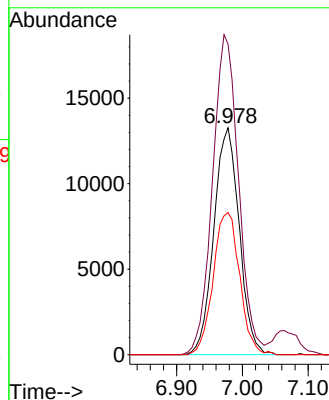
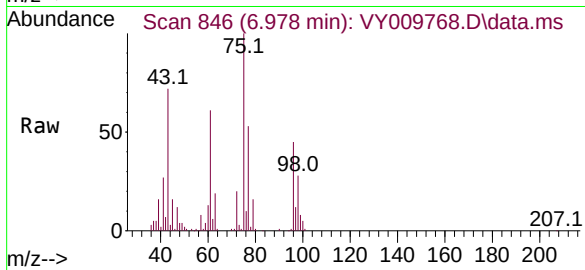
Tgt Ion: 96 Resp: 35741

Ion Ratio Lower Upper

96 100

61 144.2 0.0 319.8

98 65.1 0.0 127.0



#28

Bromochloromethane

Concen: 20.054 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.000 min

Lab File: VY009768.D

Acq: 29 Jul 2022 13:31

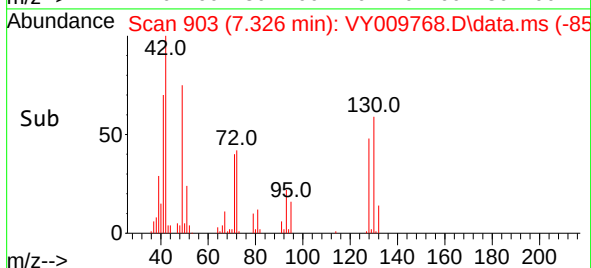
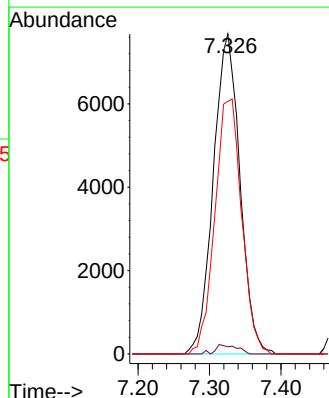
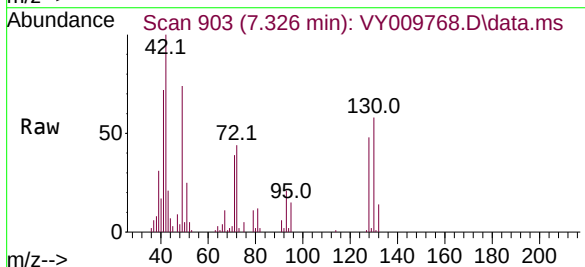
Tgt Ion: 49 Resp: 19826

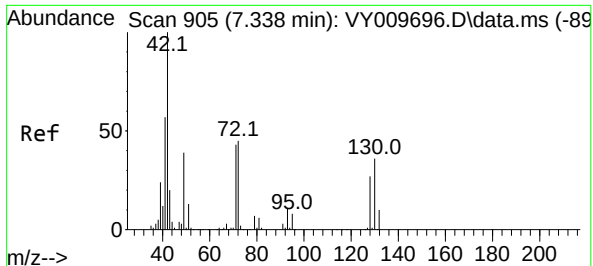
Ion Ratio Lower Upper

49 100

129 2.4 0.0 2.2#

130 80.4 55.4 83.0





#29

Tetrahydrofuran

Concen: 101.802 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.000 min

Lab File: VY009768.D

Acq: 29 Jul 2022 13:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0729SBS01

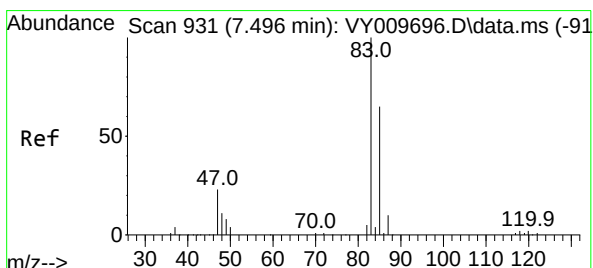
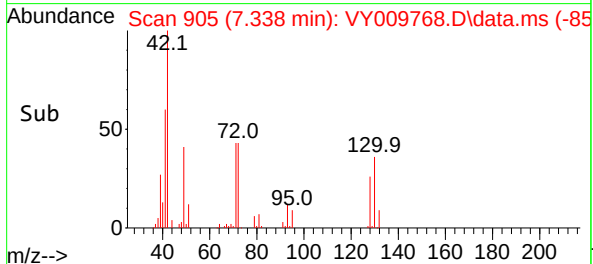
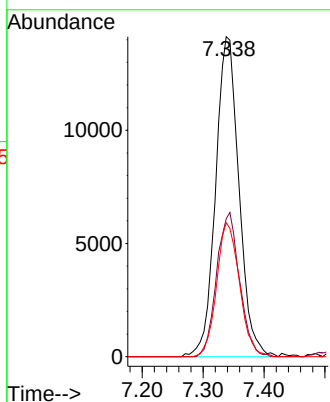
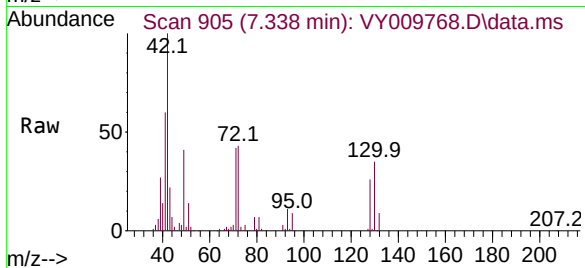
Tgt Ion: 42 Resp: 37619

Ion Ratio Lower Upper

42 100

72 44.1 30.3 45.5

71 41.0 29.0 43.4



#30

Chloroform

Concen: 20.406 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.000 min

Lab File: VY009768.D

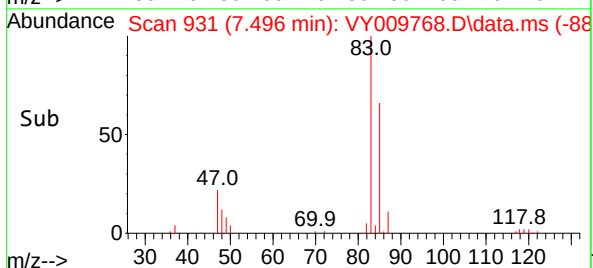
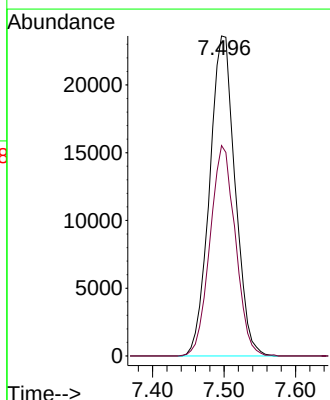
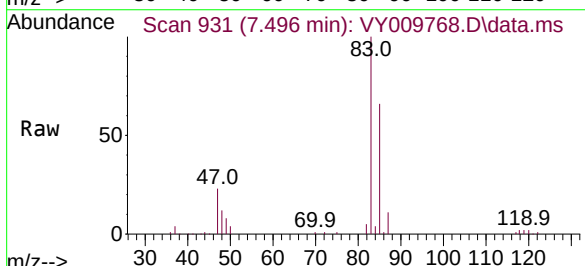
Acq: 29 Jul 2022 13:31

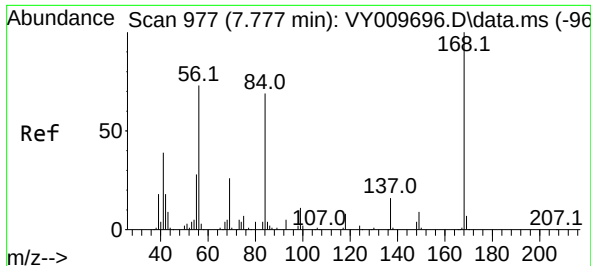
Tgt Ion: 83 Resp: 58546

Ion Ratio Lower Upper

83 100

85 65.8 51.8 77.6

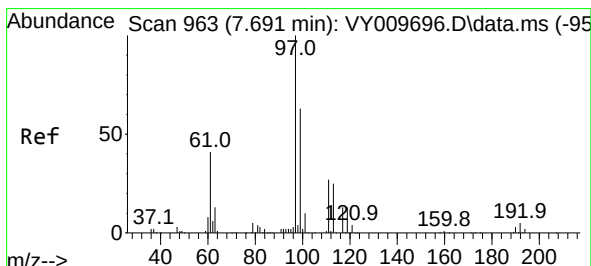
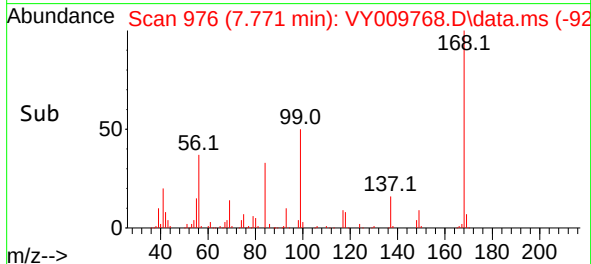
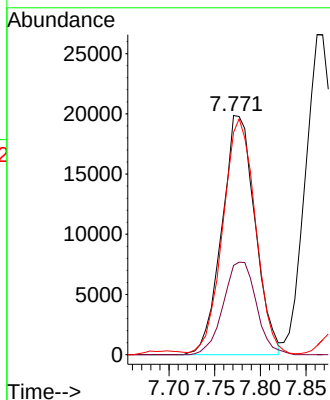
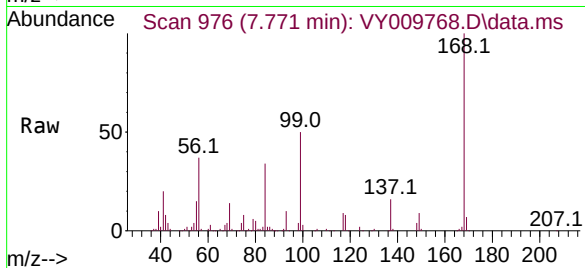




#31
Cyclohexane
Concen: 19.009 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009768.D
Acq: 29 Jul 2022 13:31

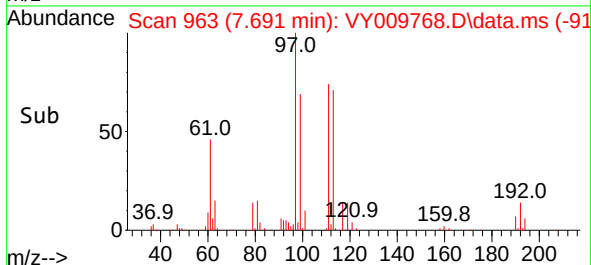
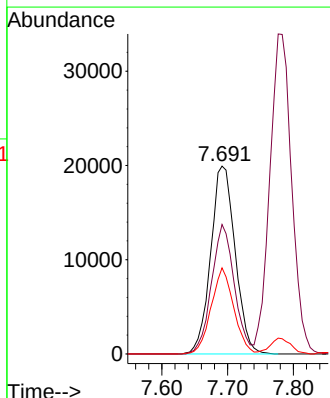
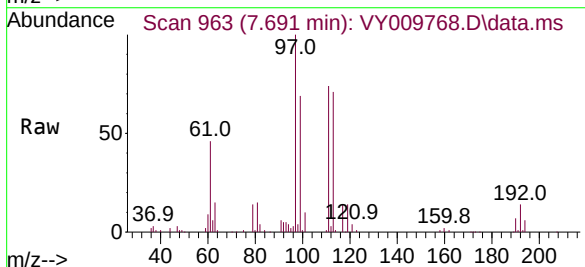
Instrument :
MSVOA_Y
ClientSampleId :
VY0729SBS01

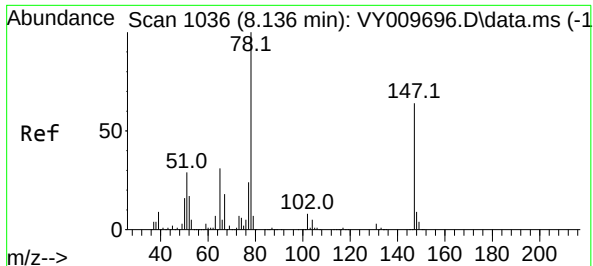
Tgt Ion: 56 Resp: 50037
Ion Ratio Lower Upper
56 100
69 37.3 26.7 40.1
84 91.6 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 20.035 ug/l
RT: 7.691 min Scan# 963
Delta R.T. 0.000 min
Lab File: VY009768.D
Acq: 29 Jul 2022 13:31

Tgt Ion: 97 Resp: 51596
Ion Ratio Lower Upper
97 100
99 64.2 50.7 76.1
61 42.4 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 49.473 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009768.D

Acq: 29 Jul 2022 13:31

Instrument :

MSVOA_Y

ClientSampleId :

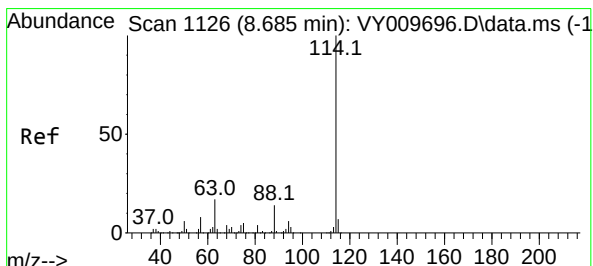
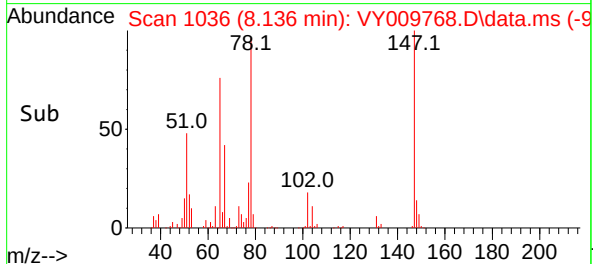
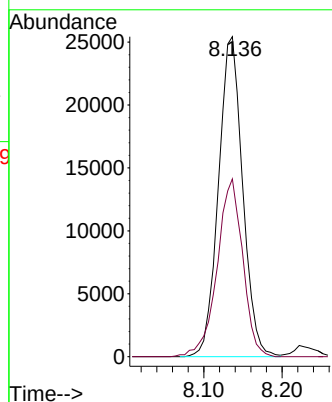
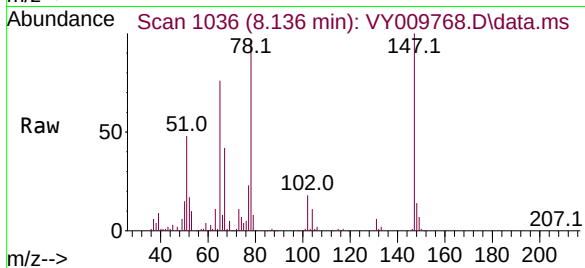
VY0729SBS01

Tgt Ion: 65 Resp: 54537

Ion Ratio Lower Upper

65 100

67 58.7 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009768.D

Acq: 29 Jul 2022 13:31

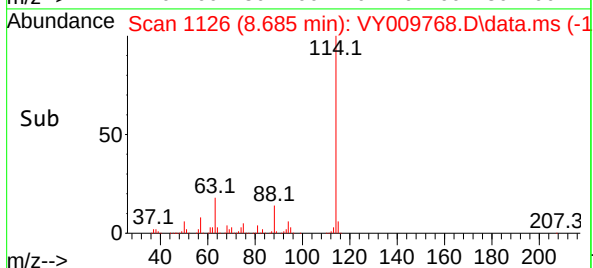
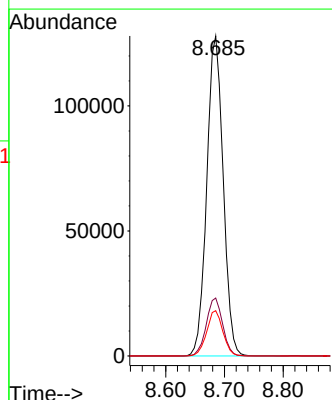
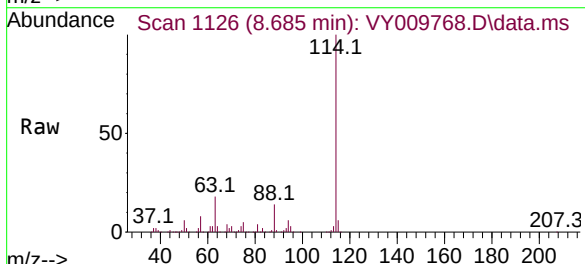
Tgt Ion:114 Resp: 248365

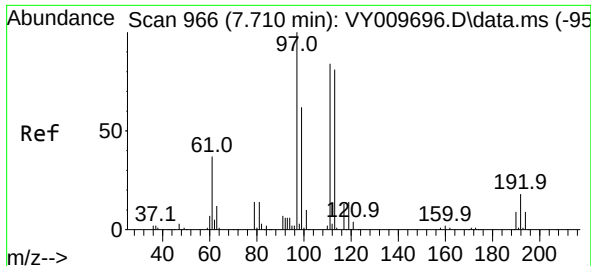
Ion Ratio Lower Upper

114 100

63 18.1 0.0 43.2

88 14.1 0.0 31.8

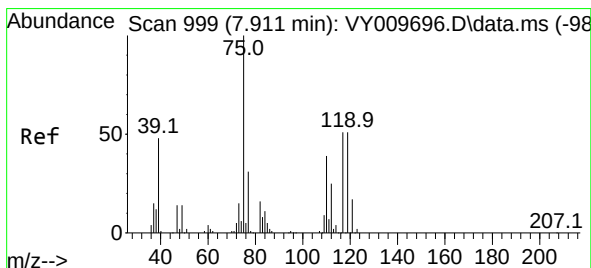
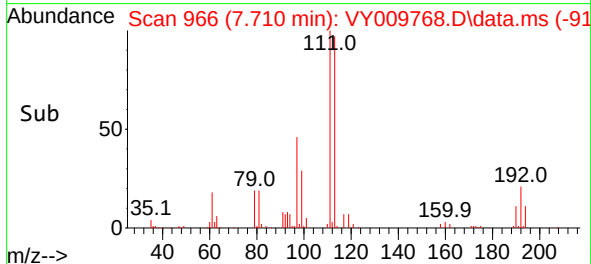
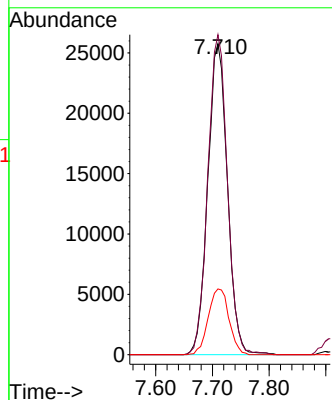
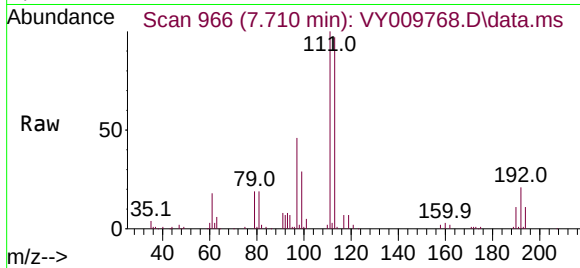




#35
 Dibromofluoromethane
 Concen: 45.903 ug/l
 RT: 7.710 min Scan# 966
 Delta R.T. -0.000 min
 Lab File: VY009768.D
 Acq: 29 Jul 2022 13:31

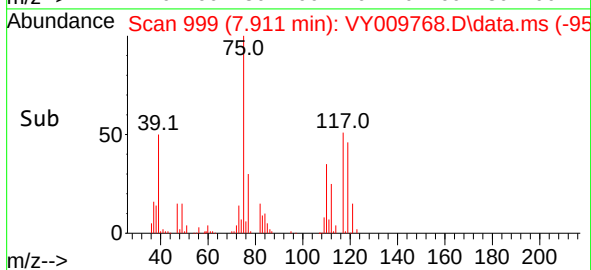
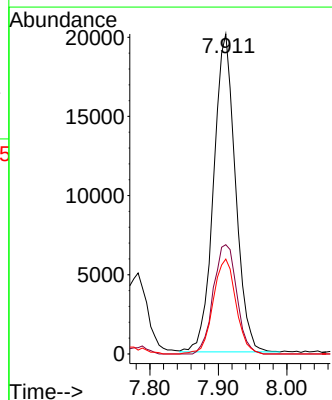
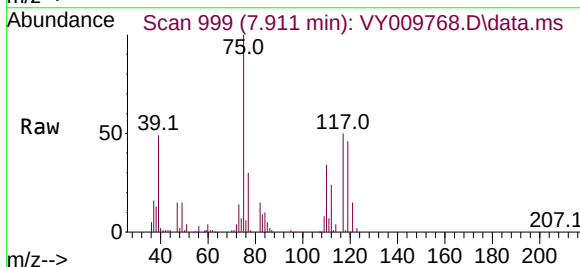
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0729SBS01

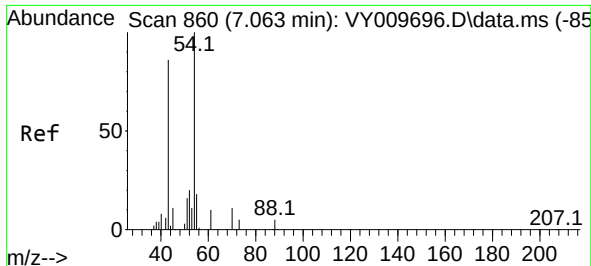
Tgt Ion:113 Resp: 62005
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.6 124.0
 192 22.3 17.6 26.4



#36
 1,1-Dichloropropene
 Concen: 20.160 ug/l
 RT: 7.911 min Scan# 999
 Delta R.T. -0.000 min
 Lab File: VY009768.D
 Acq: 29 Jul 2022 13:31

Tgt Ion: 75 Resp: 44312
 Ion Ratio Lower Upper
 75 100
 110 36.8 17.1 51.2
 77 31.1 24.4 36.6





#37

Ethyl Acetate

Concen: 20.543 ug/l

RT: 7.070 min Scan# 861

Delta R.T. 0.007 min

Lab File: VY009768.D

Acq: 29 Jul 2022 13:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0729SBS01

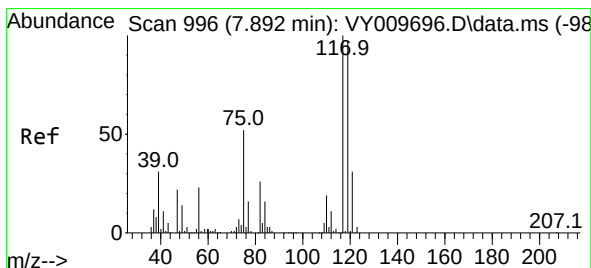
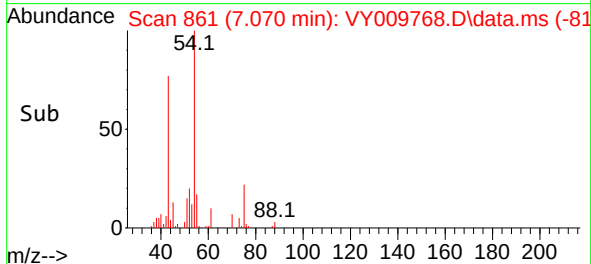
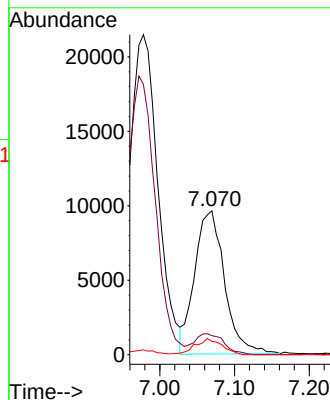
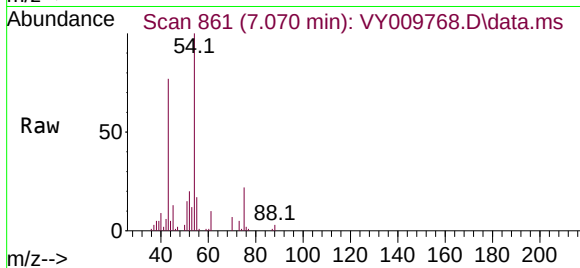
Tgt Ion: 43 Resp: 26762

Ion Ratio Lower Upper

43 100

61 14.7 9.7 14.5#

70 10.0 7.1 10.7



#38

Carbon Tetrachloride

Concen: 20.689 ug/l

RT: 7.893 min Scan# 996

Delta R.T. 0.001 min

Lab File: VY009768.D

Acq: 29 Jul 2022 13:31

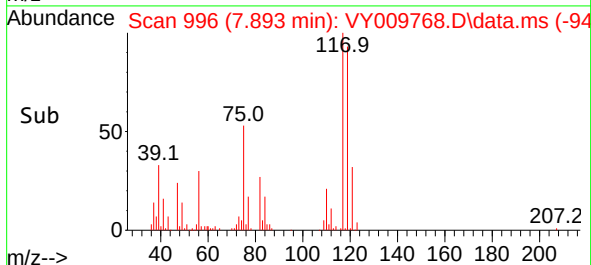
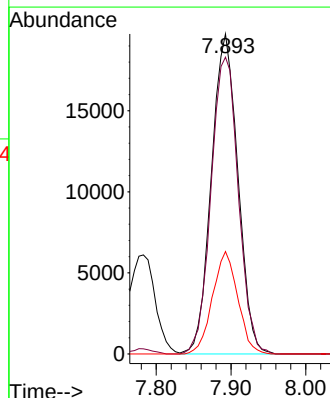
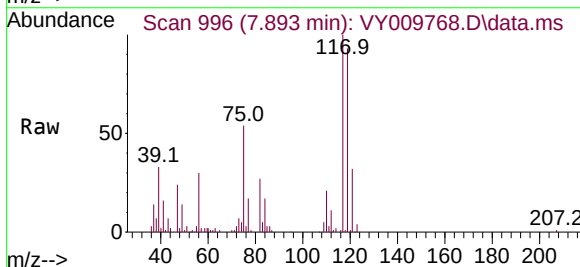
Tgt Ion: 117 Resp: 48727

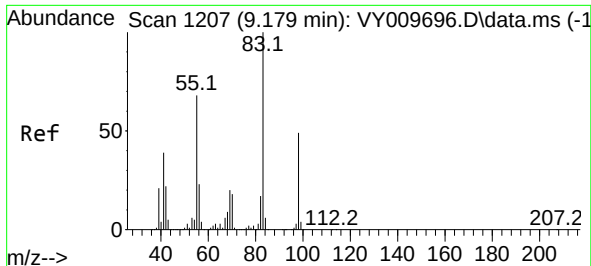
Ion Ratio Lower Upper

117 100

119 92.7 77.9 116.9

121 32.0 24.8 37.2





#39

Methylcyclohexane

Concen: 18.806 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009768.D

Acq: 29 Jul 2022 13:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0729SBS01

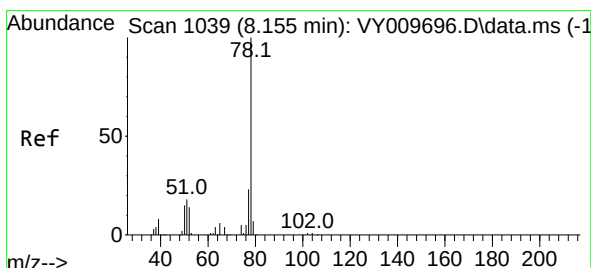
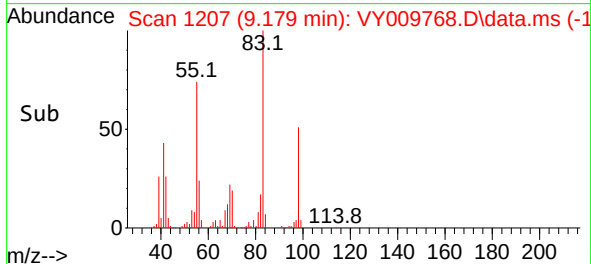
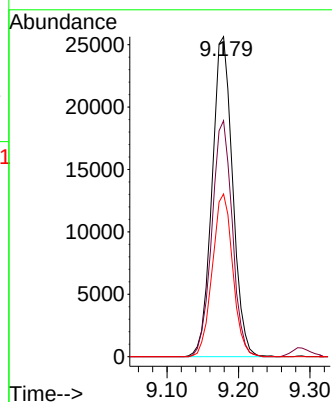
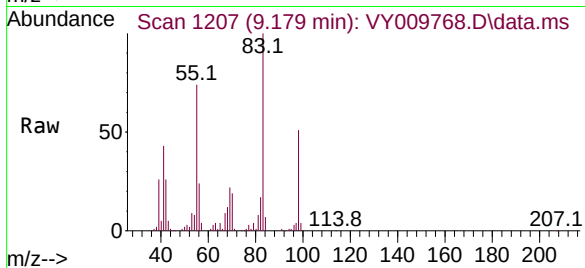
Tgt Ion: 83 Resp: 51203

Ion Ratio Lower Upper

83 100

55 73.8 66.5 99.7

98 50.8 37.9 56.9



#40

Benzene

Concen: 20.322 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY009768.D

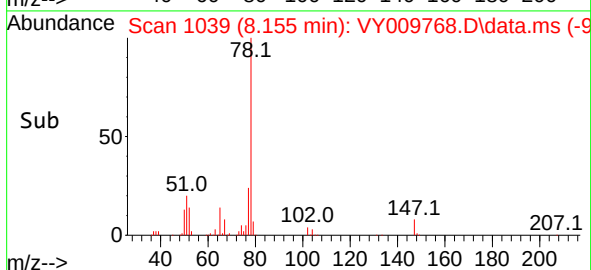
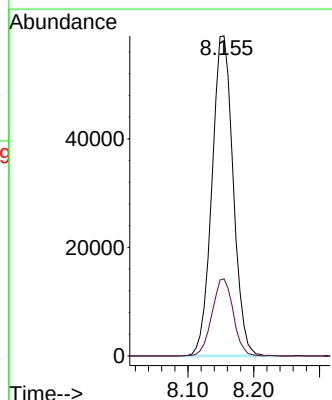
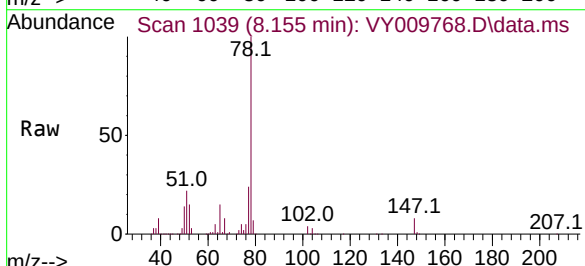
Acq: 29 Jul 2022 13:31

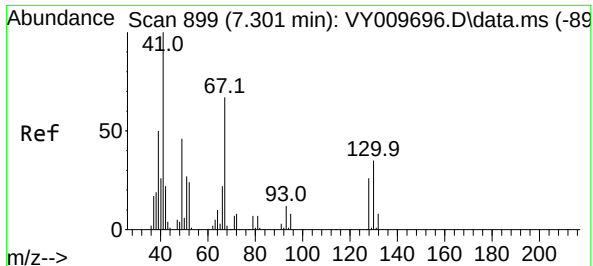
Tgt Ion: 78 Resp: 132347

Ion Ratio Lower Upper

78 100

77 24.1 20.4 30.6

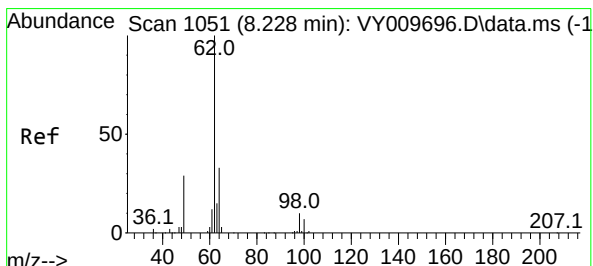
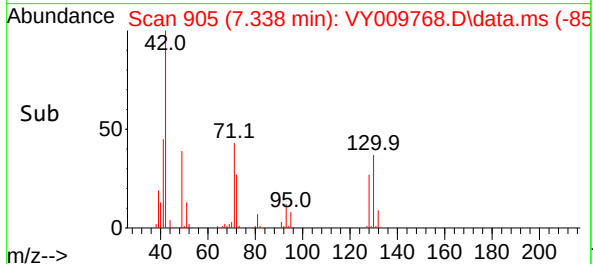
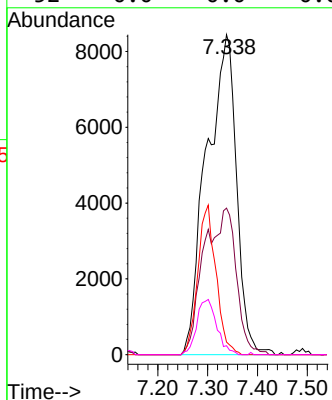
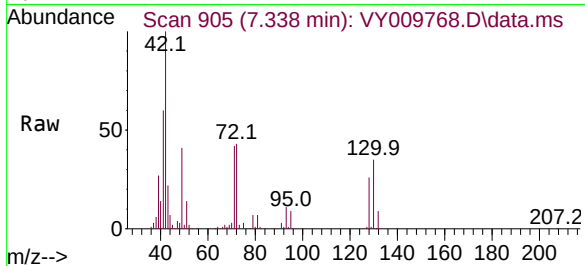




#41
Methacrylonitrile
Concen: 52.830 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.037 min
Lab File: VY009768.D
Acq: 29 Jul 2022 13:31

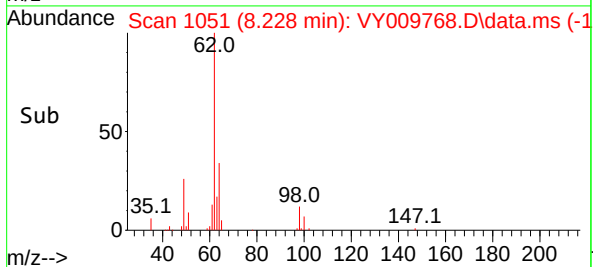
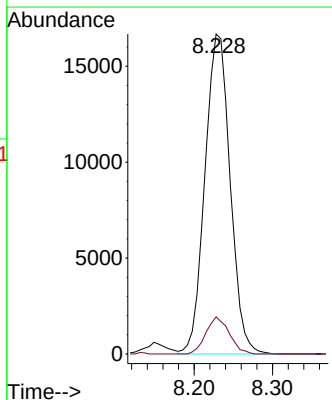
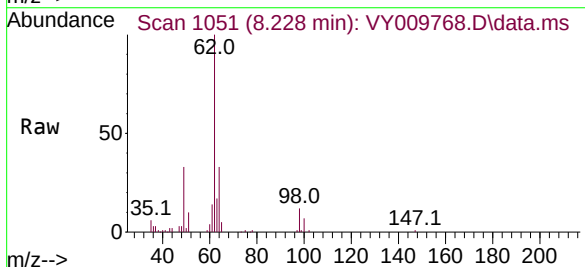
Instrument :
MSVOA_Y
ClientSampleId :
VY0729SBS01

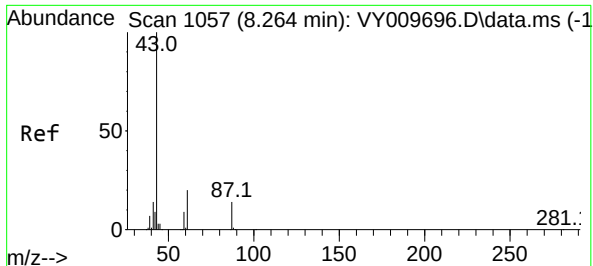
Tgt Ion: 41 Resp: 35064
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 20.573 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VY009768.D
Acq: 29 Jul 2022 13:31

Tgt Ion: 62 Resp: 37355
Ion Ratio Lower Upper
62 100
98 10.7 0.0 14.8





#43

Isopropyl Acetate

Concen: 20.689 ug/l

RT: 8.271 min Scan# 1105

Delta R.T. 0.007 min

Lab File: VY009768.D

Acq: 29 Jul 2022 13:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0729SBS01

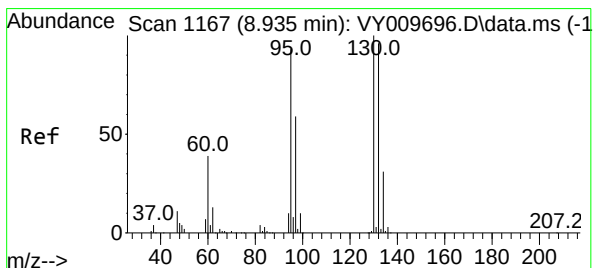
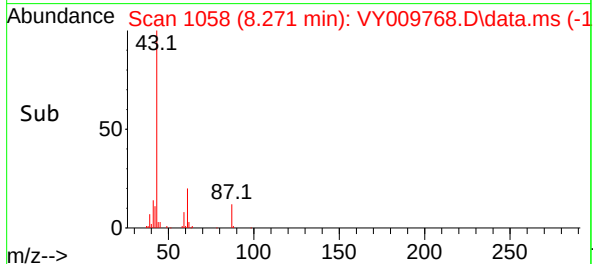
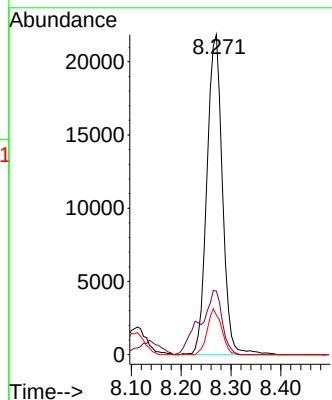
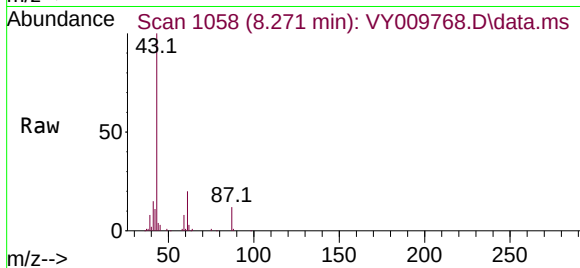
Tgt Ion: 43 Resp: 47087

Ion Ratio Lower Upper

43 100

61 28.6 20.2 30.2

87 13.2 8.9 13.3



#44

Trichloroethene

Concen: 19.698 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VY009768.D

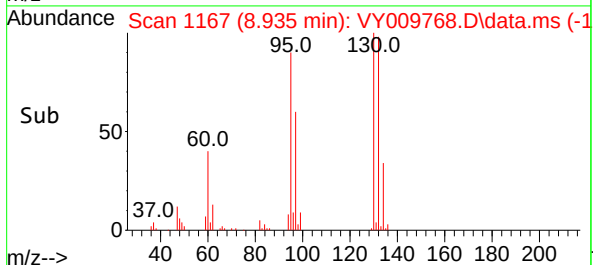
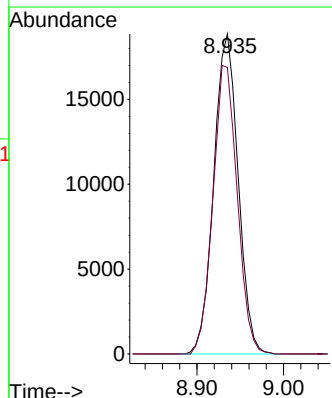
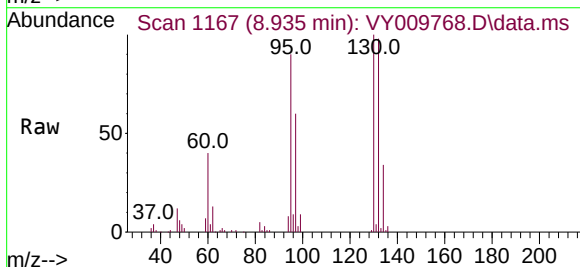
Acq: 29 Jul 2022 13:31

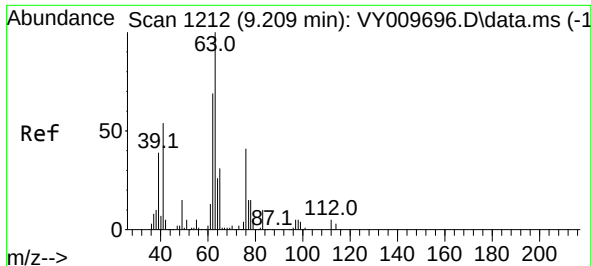
Tgt Ion:130 Resp: 36801

Ion Ratio Lower Upper

130 100

95 89.5 0.0 188.2





#45

1,2-Dichloropropane

Concen: 20.725 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY009768.D

Acq: 29 Jul 2022 13:31

Instrument :

MSVOA_Y

ClientSampleId :

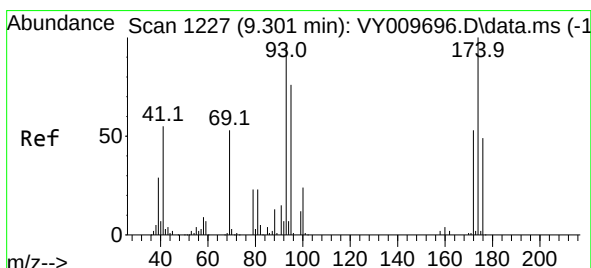
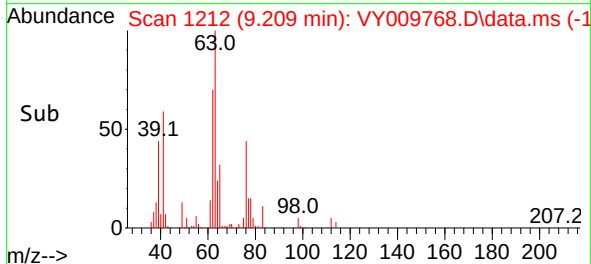
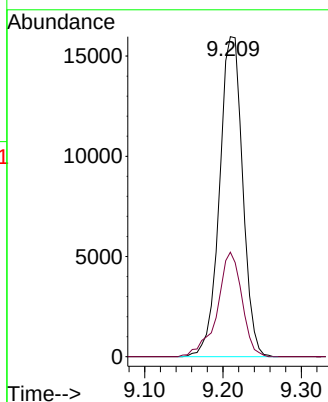
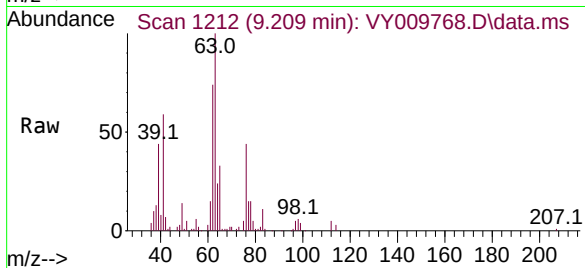
VY0729SBS01

Tgt Ion: 63 Resp: 32771

Ion Ratio Lower Upper

63 100

65 32.6 23.0 34.6



#46

Dibromomethane

Concen: 20.417 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY009768.D

Acq: 29 Jul 2022 13:31

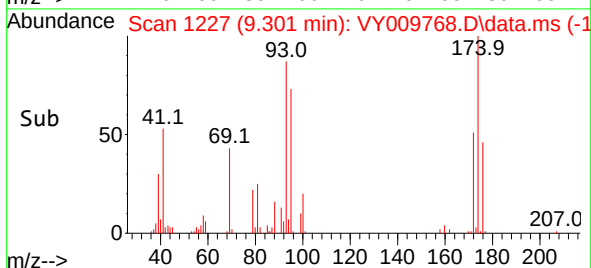
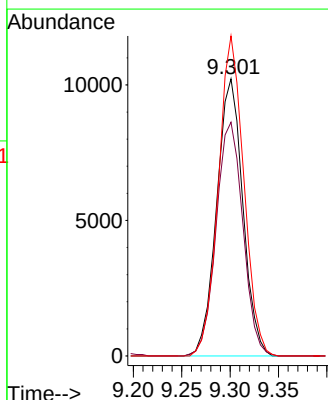
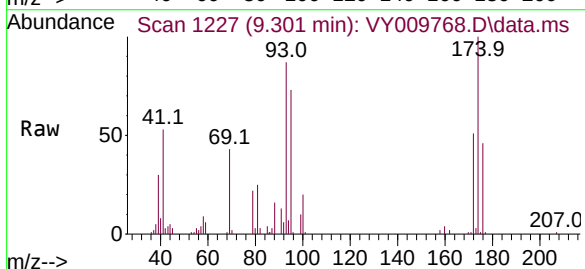
Tgt Ion: 93 Resp: 19207

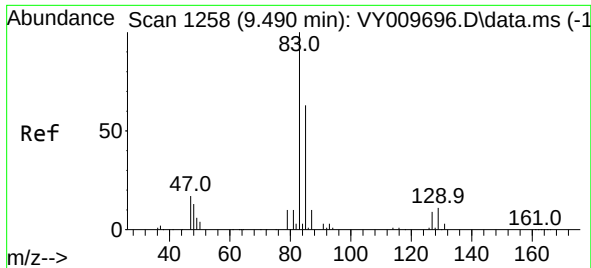
Ion Ratio Lower Upper

93 100

95 86.2 64.3 96.5

174 112.3 83.4 125.0

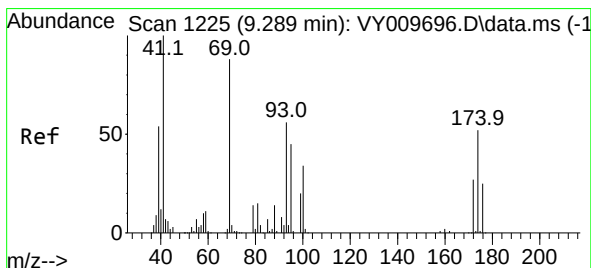
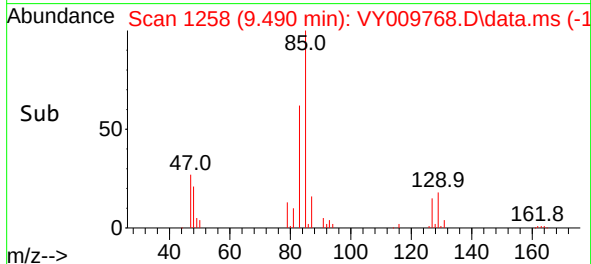
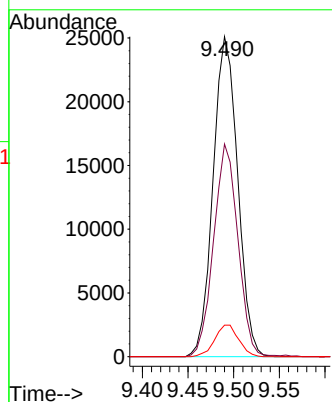
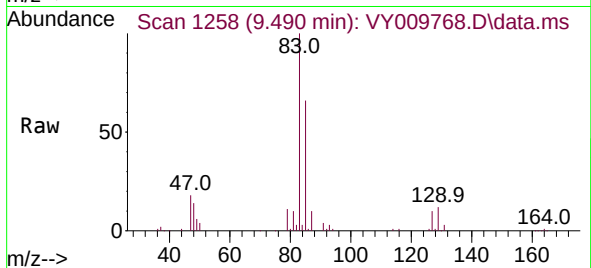




#47
Bromodichloromethane
Concen: 21.727 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VY009768.D
Acq: 29 Jul 2022 13:31

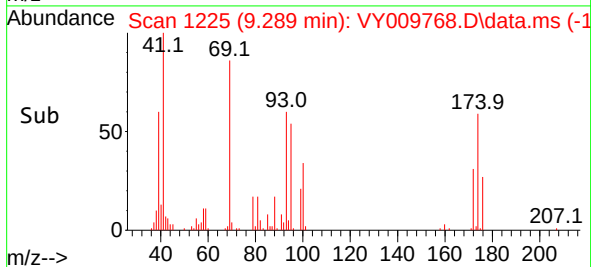
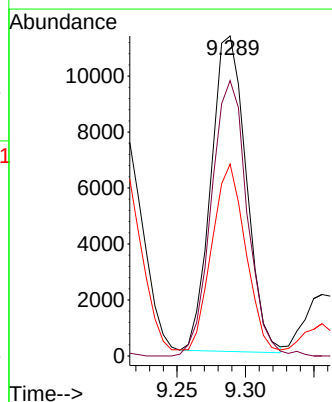
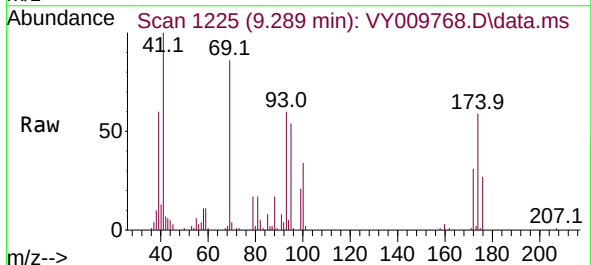
Instrument :
MSVOA_Y
ClientSampleId :
VY0729SBS01

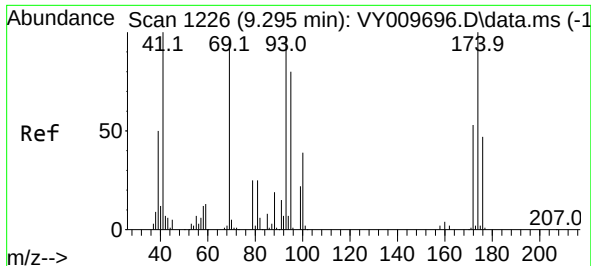
Tgt Ion: 83 Resp: 46956
Ion Ratio Lower Upper
83 100
85 66.5 51.9 77.9
127 9.8 6.6 10.0



#48
Methyl methacrylate
Concen: 20.092 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY009768.D
Acq: 29 Jul 2022 13:31

Tgt Ion: 41 Resp: 20109
Ion Ratio Lower Upper
41 100
69 89.4 58.2 87.2#
39 56.6 47.4 71.0





#49

1,4-Dioxane

Concen: 412.253 ug/l

RT: 9.289 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY009768.D

Acq: 29 Jul 2022 13:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0729SBS01

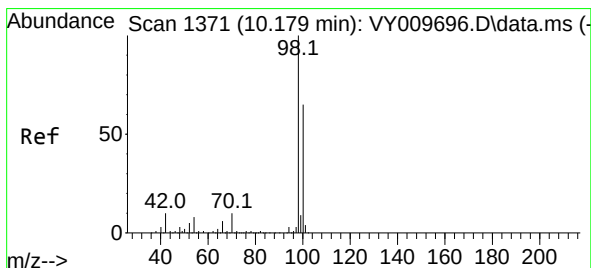
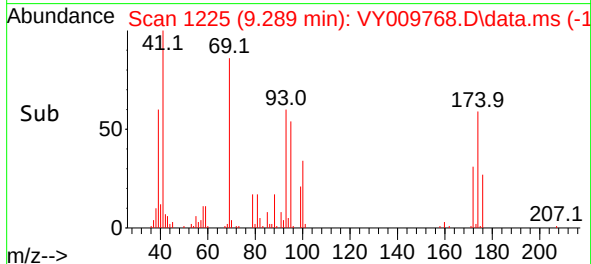
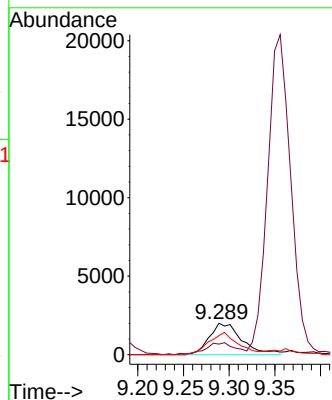
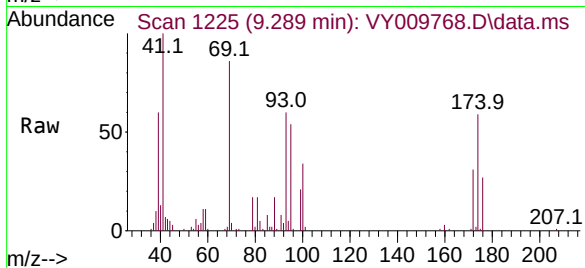
Tgt Ion: 88 Resp: 4952

Ion Ratio Lower Upper

88 100

43 36.0 32.8 49.2

58 62.5 59.8 89.6



#50

Toluene-d8

Concen: 50.477 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.006 min

Lab File: VY009768.D

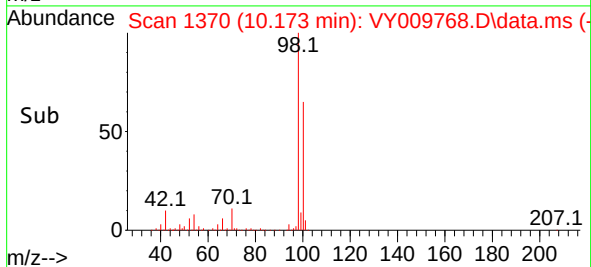
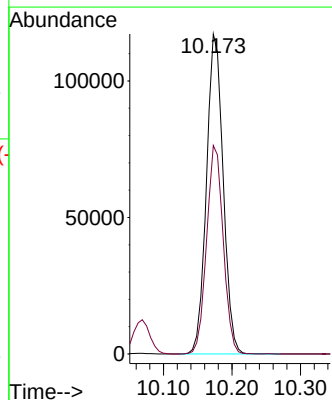
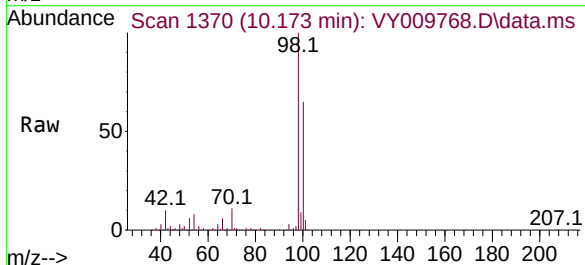
Acq: 29 Jul 2022 13:31

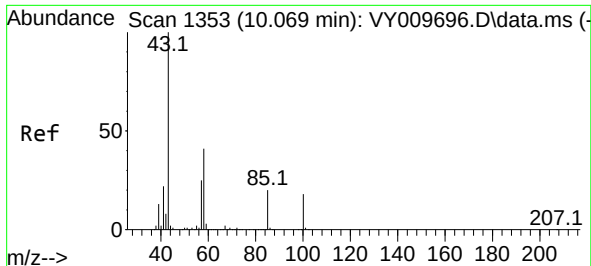
Tgt Ion: 98 Resp: 198418

Ion Ratio Lower Upper

98 100

100 64.8 50.2 75.2

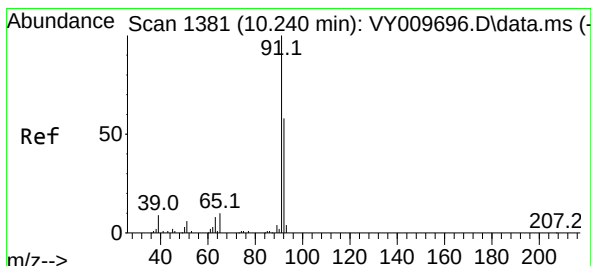
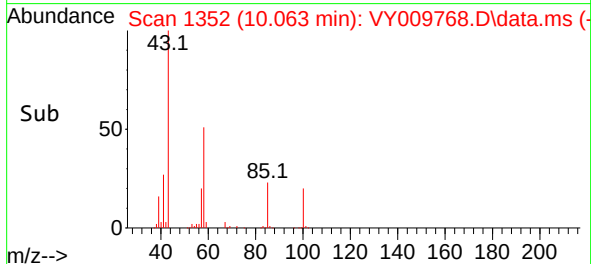
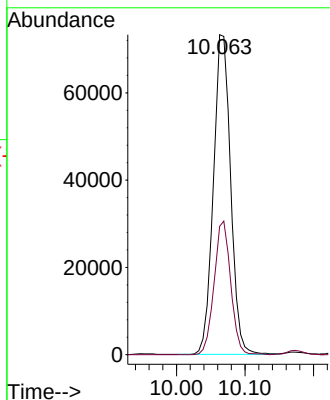
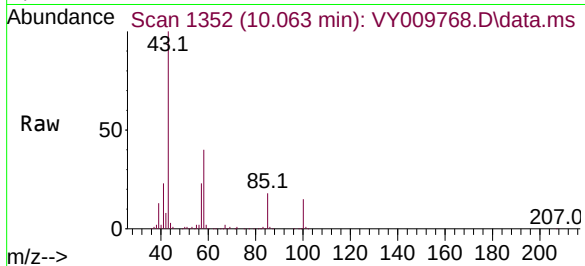




#51
4-Methyl-2-Pentanone
Concen: 110.308 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.006 min
Lab File: VY009768.D
Acq: 29 Jul 2022 13:31

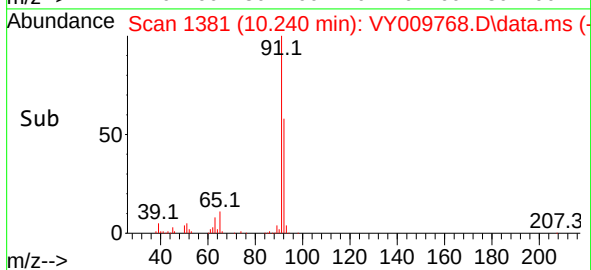
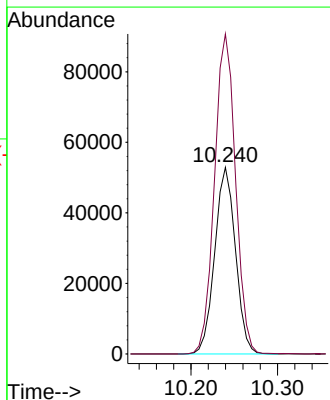
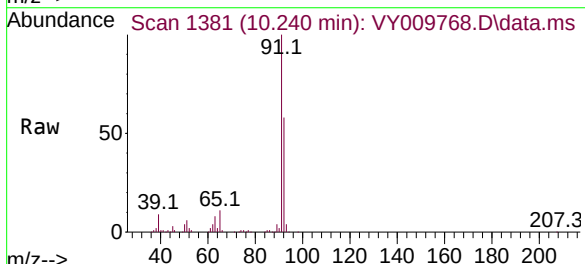
Instrument :
MSVOA_Y
ClientSampleId :
VY0729SBS01

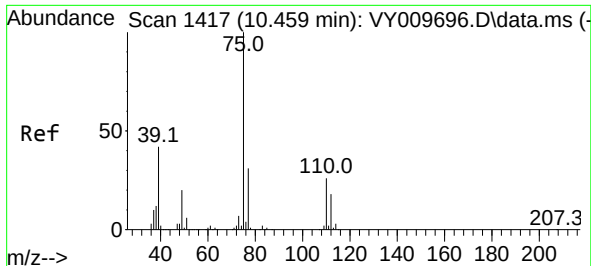
Tgt Ion: 43 Resp: 127719
Ion Ratio Lower Upper
43 100
58 40.3 28.1 42.1



#52
Toluene
Concen: 21.561 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY009768.D
Acq: 29 Jul 2022 13:31

Tgt Ion: 92 Resp: 87952
Ion Ratio Lower Upper
92 100
91 174.2 142.6 213.8

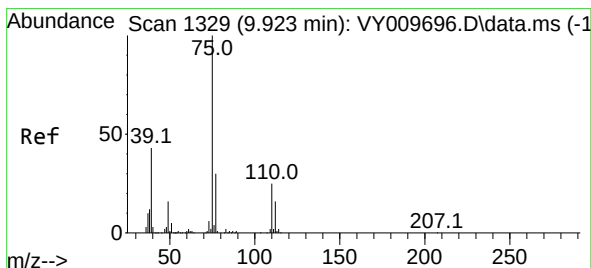
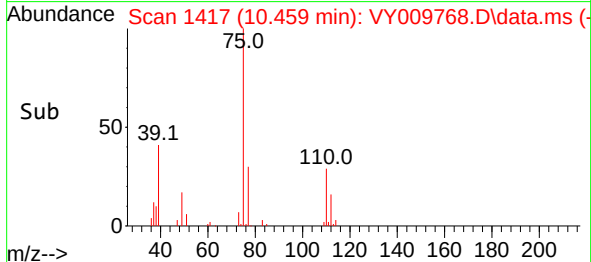
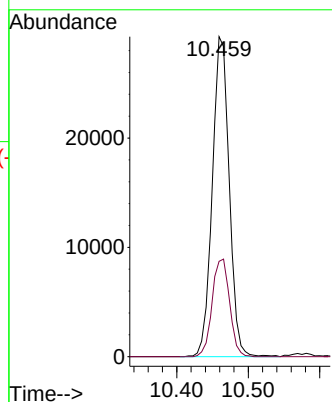
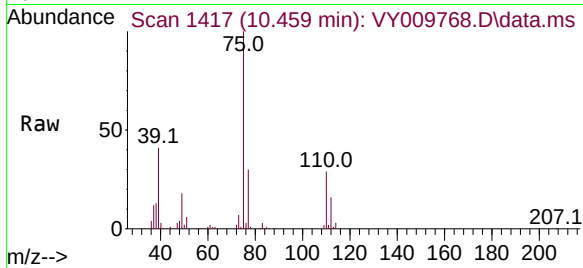




#53
 t-1,3-Dichloropropene
 Concen: 21.532 ug/l
 RT: 10.459 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: VY009768.D
 Acq: 29 Jul 2022 13:31

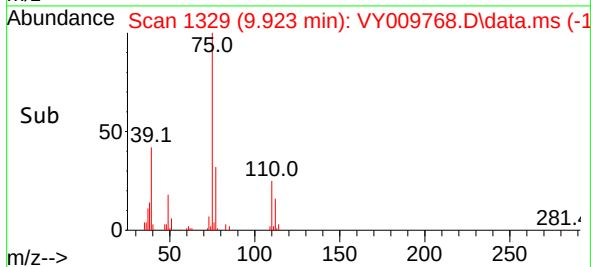
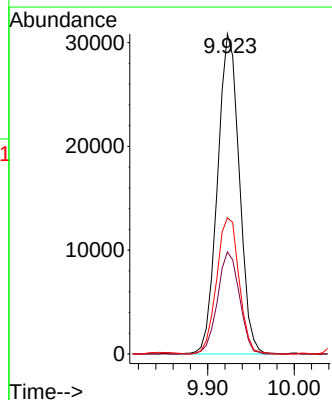
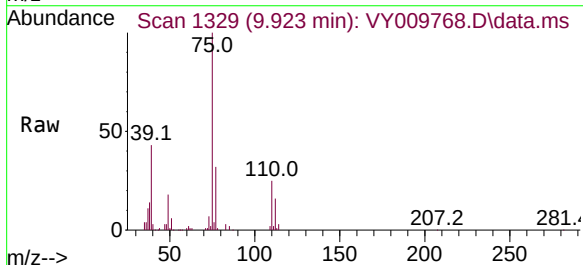
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0729SBS01

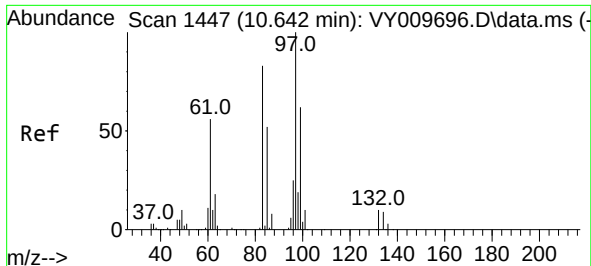
Tgt Ion: 75 Resp: 48058
 Ion Ratio Lower Upper
 75 100
 77 29.8 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 21.015 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.000 min
 Lab File: VY009768.D
 Acq: 29 Jul 2022 13:31

Tgt Ion: 75 Resp: 53868
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.6 38.4
 39 42.5 47.6 71.4#

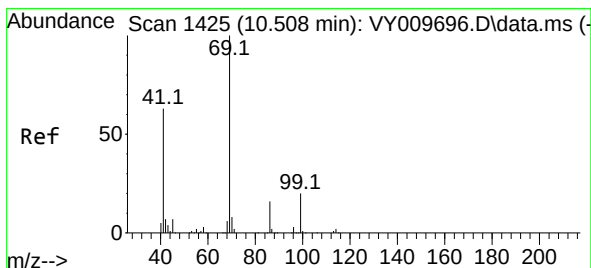
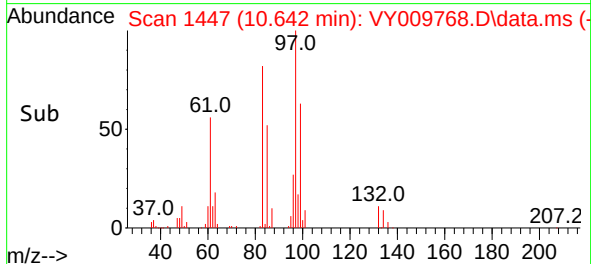
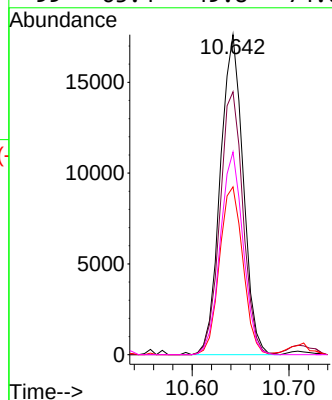
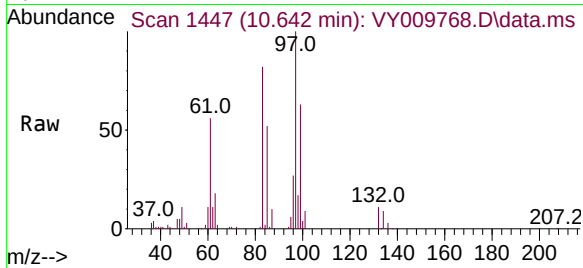




#55
1,1,2-Trichloroethane
Concen: 21.788 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY009768.D
Acq: 29 Jul 2022 13:31

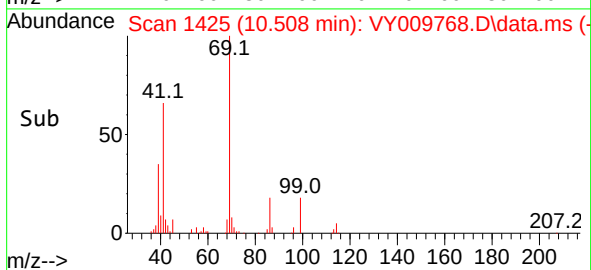
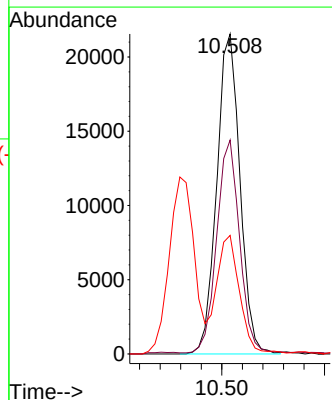
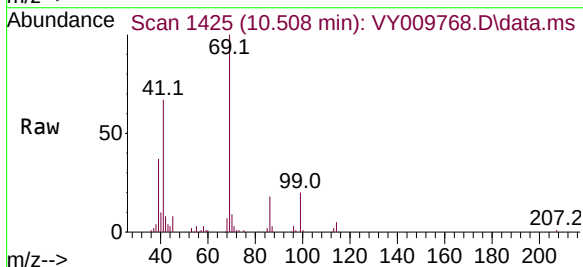
Instrument :
MSVOA_Y
ClientSampleId :
VY0729SBS01

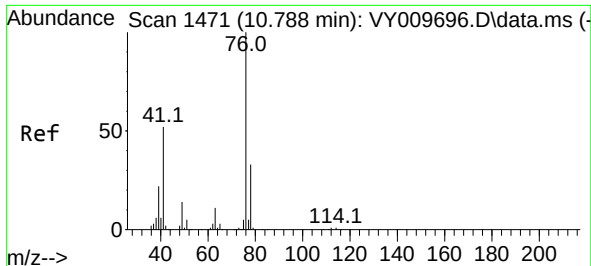
Tgt Ion: 97	Resp: 28981
Ion Ratio	Lower Upper
97 100	
83 82.2	69.8 104.8
85 52.4	44.3 66.5
99 63.4	49.8 74.6



#56
Ethyl methacrylate
Concen: 20.355 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY009768.D
Acq: 29 Jul 2022 13:31

Tgt Ion: 69	Resp: 33731
Ion Ratio	Lower Upper
69 100	
41 65.4	63.4 95.0
39 36.3	35.8 53.8





#57

1,3-Dichloropropane

Concen: 22.163 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY009768.D

Acq: 29 Jul 2022 13:31

Instrument :

MSVOA_Y

ClientSampleId :

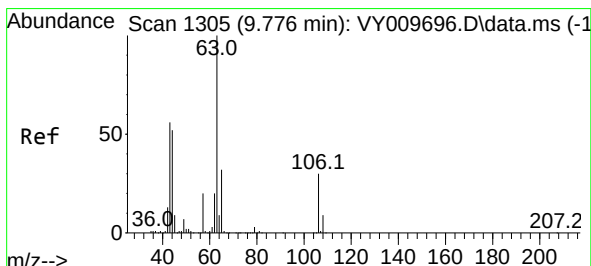
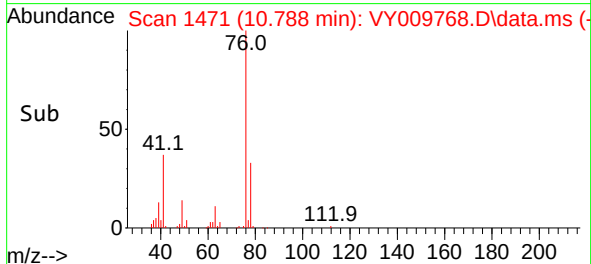
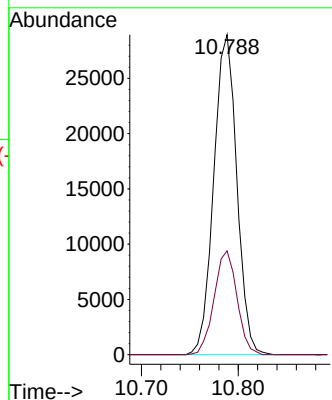
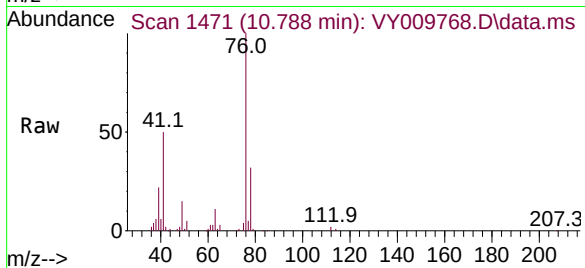
VY0729SBS01

Tgt Ion: 76 Resp: 47945

Ion Ratio Lower Upper

76 100

78 32.1 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 82.341 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY009768.D

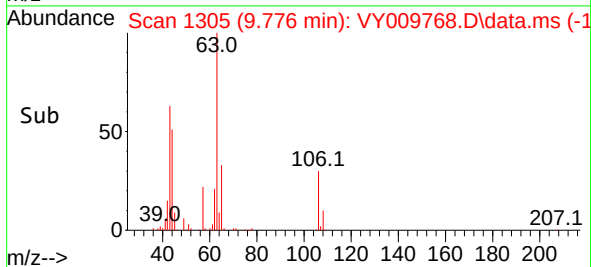
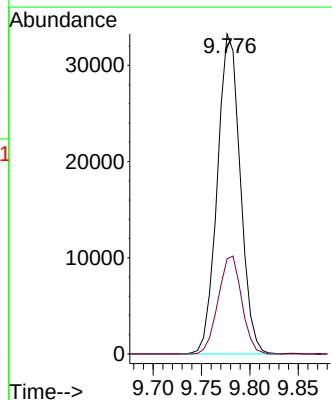
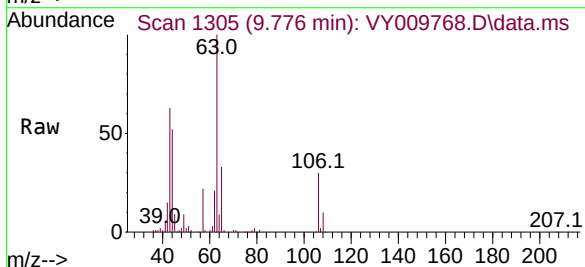
Acq: 29 Jul 2022 13:31

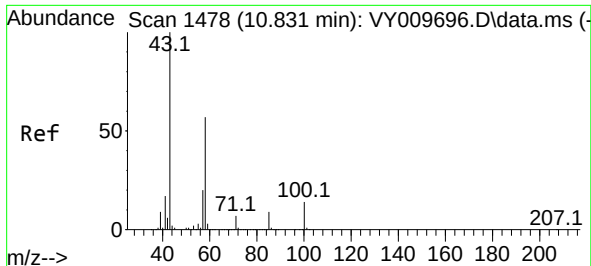
Tgt Ion: 63 Resp: 54878

Ion Ratio Lower Upper

63 100

106 31.3 21.5 32.3

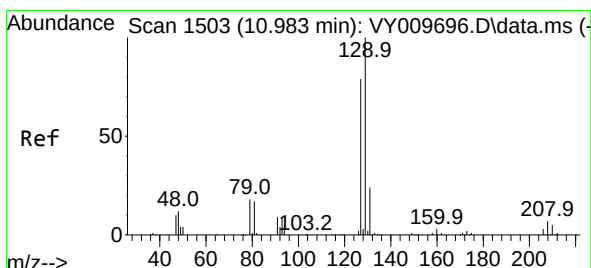
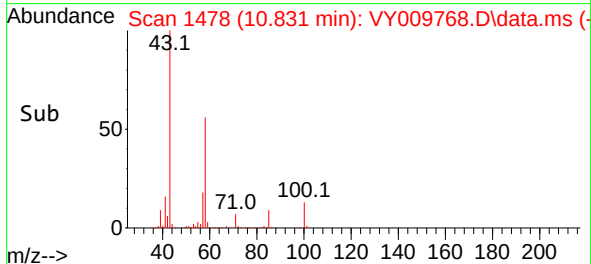
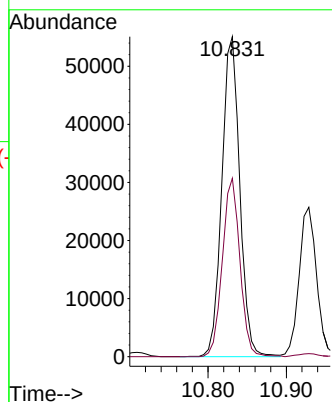
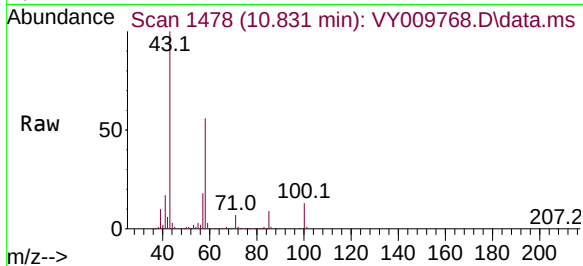




#59
2-Hexanone
Concen: 106.352 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY009768.D
Acq: 29 Jul 2022 13:31

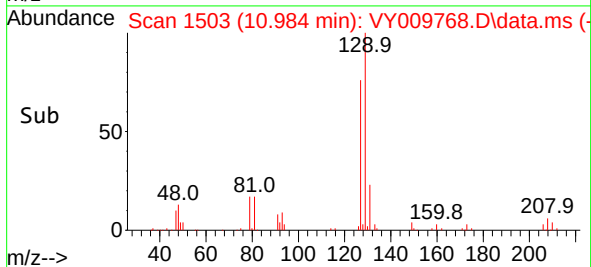
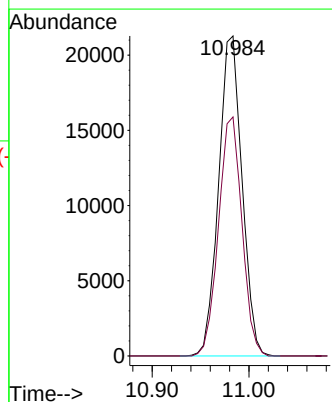
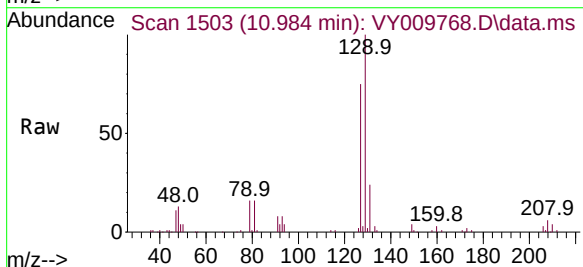
Instrument :
MSVOA_Y
ClientSampleId :
VY0729SBS01

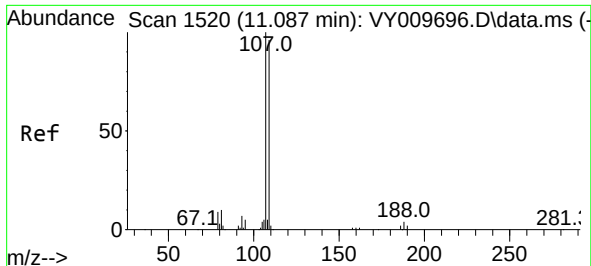
Tgt Ion: 43 Resp: 87758
Ion Ratio Lower Upper
43 100
58 54.6 24.4 73.4



#60
Dibromochloromethane
Concen: 22.180 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY009768.D
Acq: 29 Jul 2022 13:31

Tgt Ion: 129 Resp: 35683
Ion Ratio Lower Upper
129 100
127 74.7 38.7 116.1

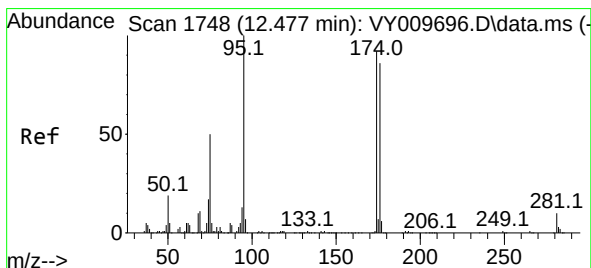
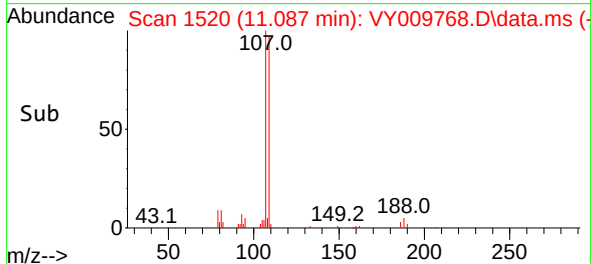
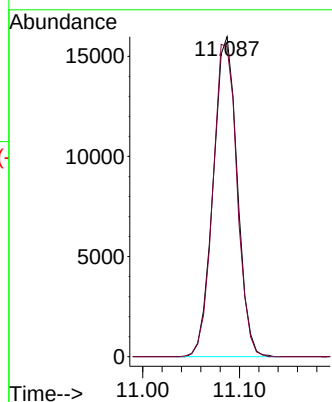
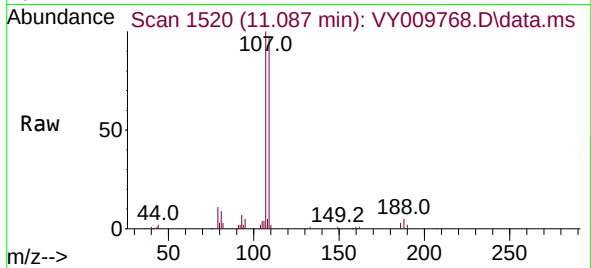




#61
1,2-Dibromoethane
Concen: 21.203 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY009768.D
Acq: 29 Jul 2022 13:31

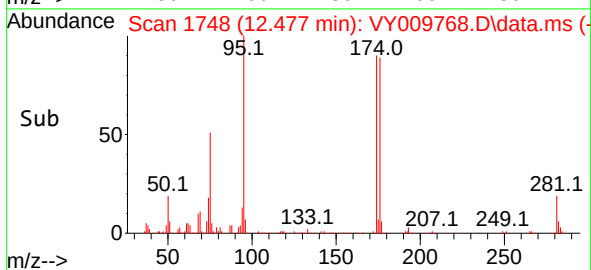
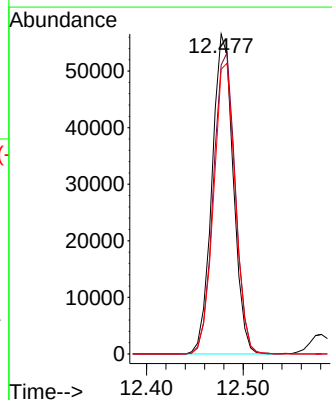
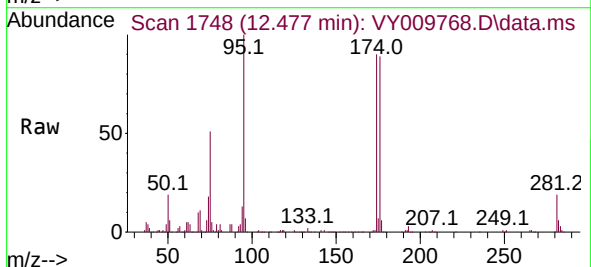
Instrument :
MSVOA_Y
ClientSampleId :
VY0729SBS01

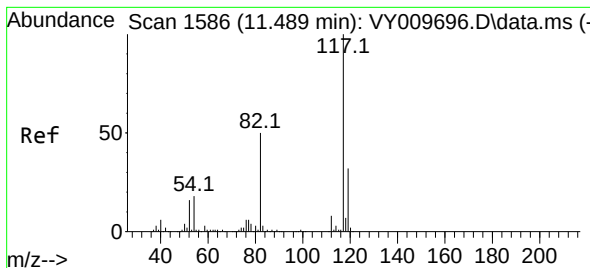
Tgt Ion:107 Resp: 27472
Ion Ratio Lower Upper
107 100
109 98.3 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 48.206 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009768.D
Acq: 29 Jul 2022 13:31

Tgt Ion: 95 Resp: 86343
Ion Ratio Lower Upper
95 100
174 96.6 0.0 177.0
176 92.7 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY009768.D

Acq: 29 Jul 2022 13:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0729SBS01

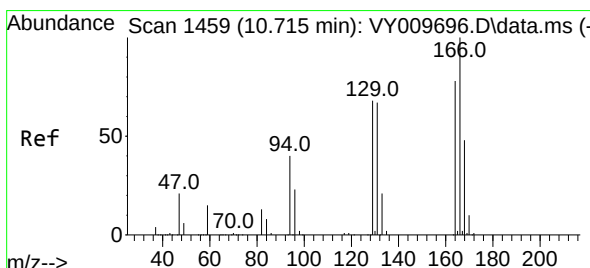
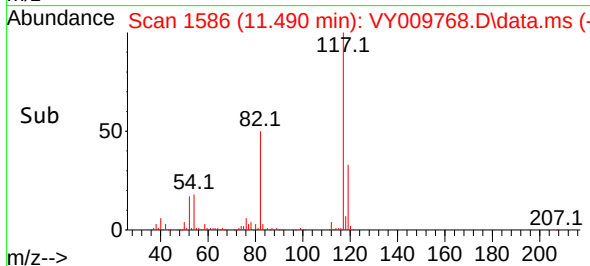
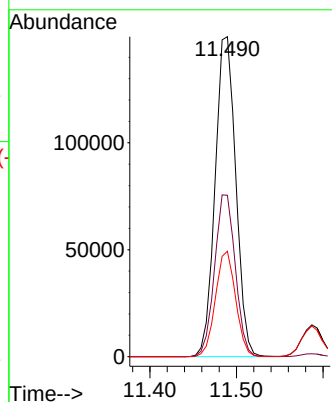
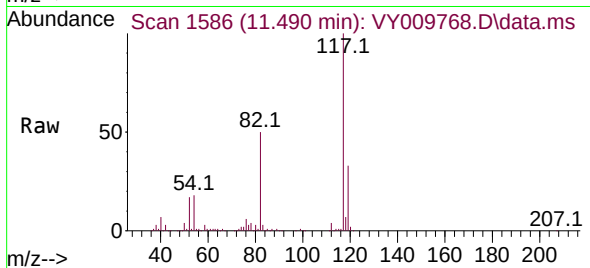
Tgt Ion:117 Resp: 248218

Ion Ratio Lower Upper

117 100

82 50.5 43.0 64.4

119 33.0 25.4 38.0



#64

Tetrachloroethene

Concen: 19.423 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY009768.D

Acq: 29 Jul 2022 13:31

Tgt Ion:164 Resp: 38013

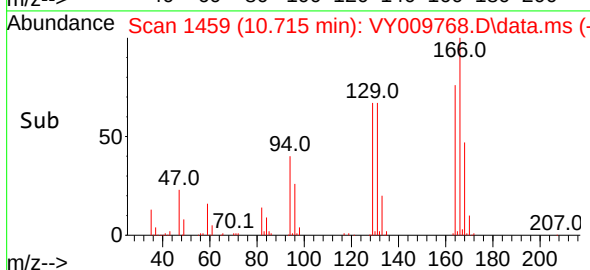
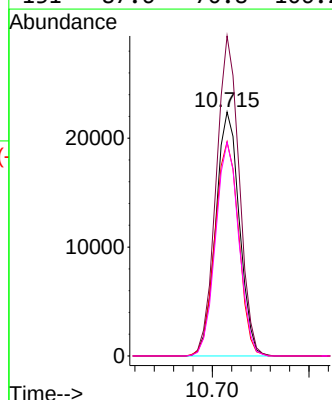
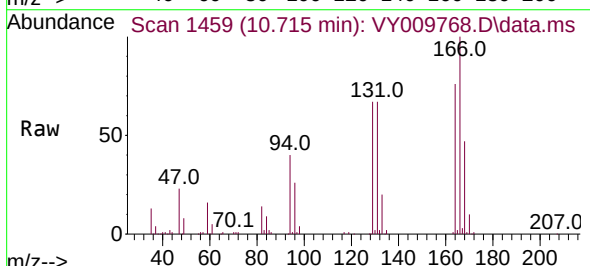
Ion Ratio Lower Upper

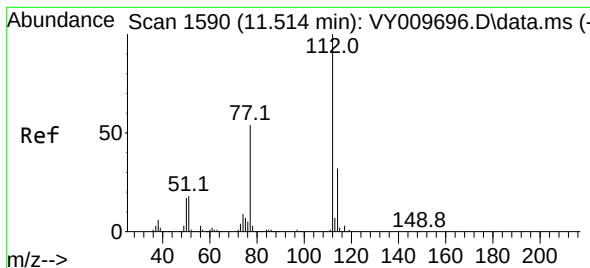
164 100

166 131.2 100.4 150.6

129 87.8 71.4 107.0

131 87.6 70.8 106.2

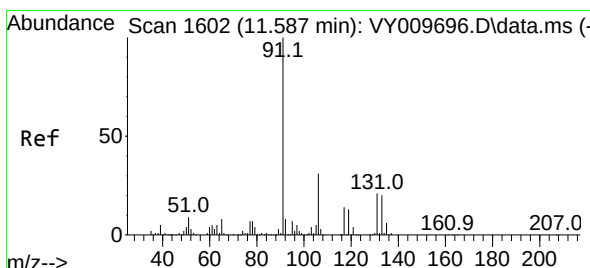
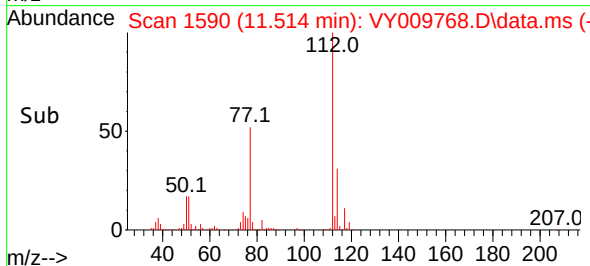
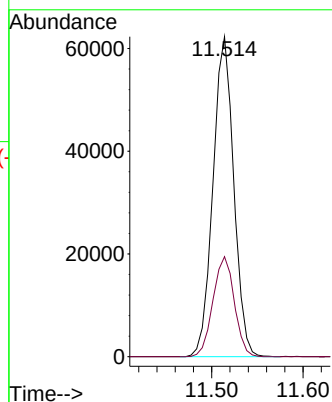
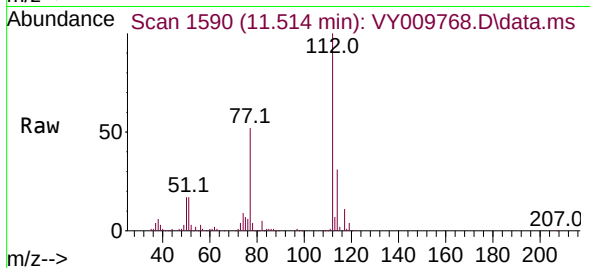




#65
Chlorobenzene
Concen: 19.733 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009768.D
Acq: 29 Jul 2022 13:31

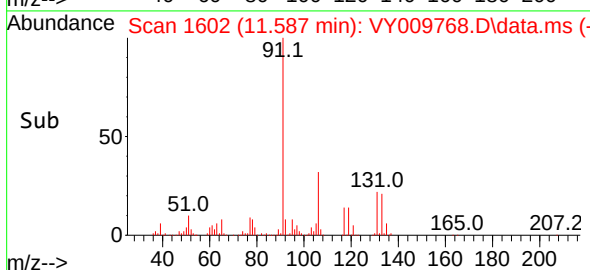
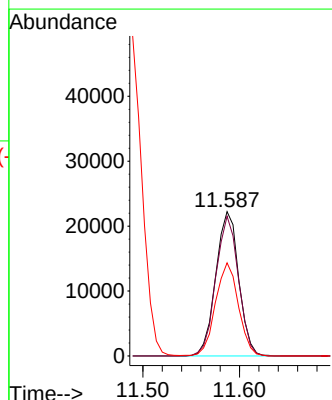
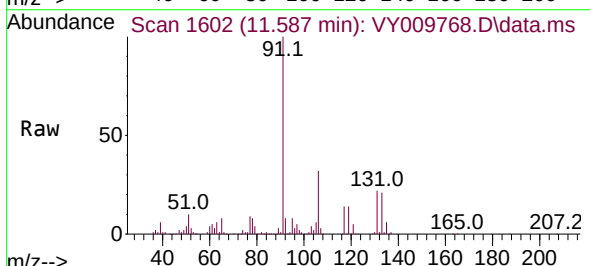
Instrument :
MSVOA_Y
ClientSampleId :
VY0729SBS01

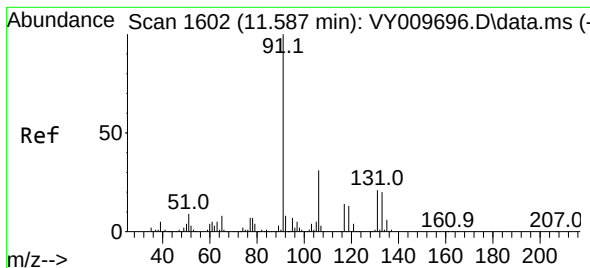
Tgt Ion:112 Resp: 98287
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.755 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY009768.D
Acq: 29 Jul 2022 13:31

Tgt Ion:131 Resp: 36617
Ion Ratio Lower Upper
131 100
133 95.3 47.9 143.6
119 64.5 30.8 92.3





#67

Ethyl Benzene

Concen: 18.965 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY009768.D

Acq: 29 Jul 2022 13:31

Instrument :

MSVOA_Y

ClientSampleId :

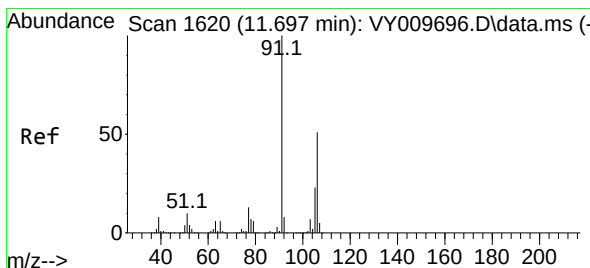
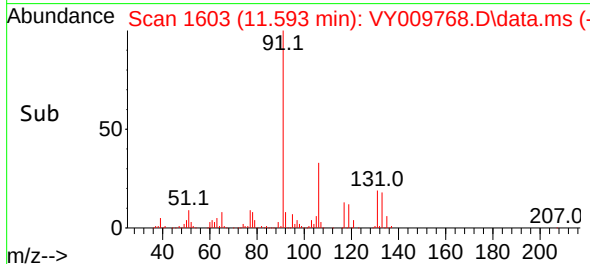
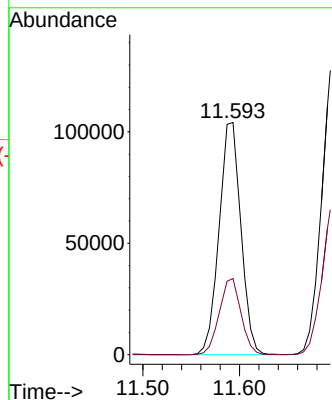
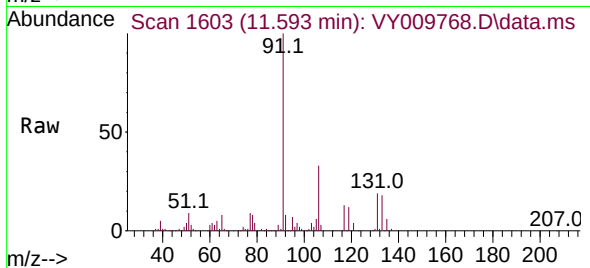
VY0729SBS01

Tgt Ion: 91 Resp: 163274

Ion Ratio Lower Upper

91 100

106 32.8 24.5 36.7



#68

m/p-Xylenes

Concen: 38.865 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VY009768.D

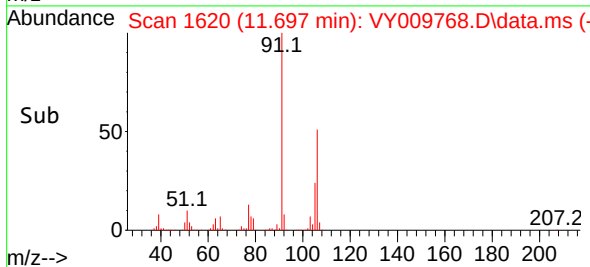
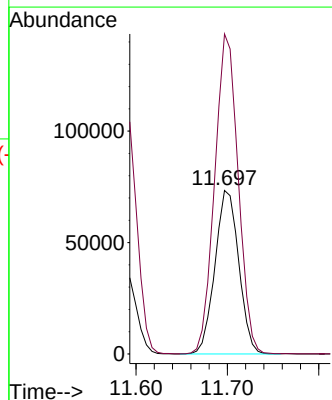
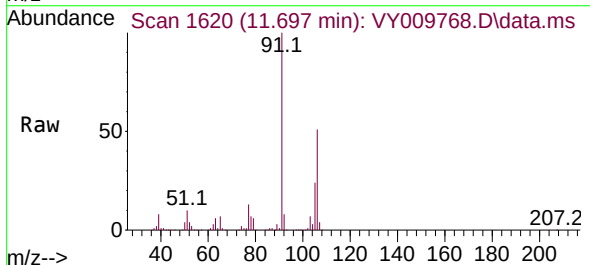
Acq: 29 Jul 2022 13:31

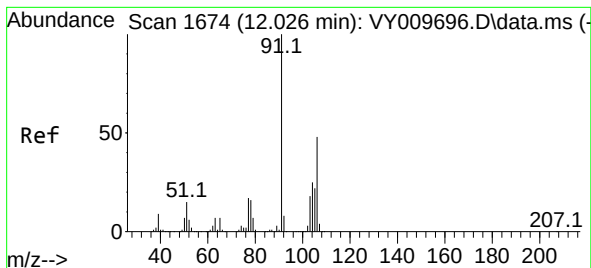
Tgt Ion:106 Resp: 132825

Ion Ratio Lower Upper

106 100

91 192.8 166.6 249.8

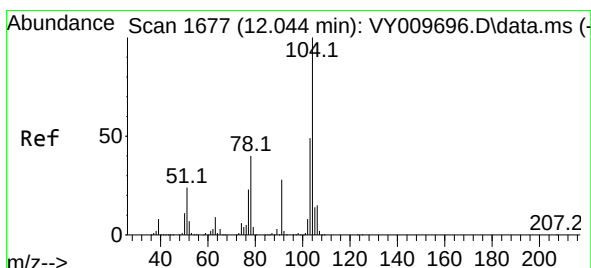
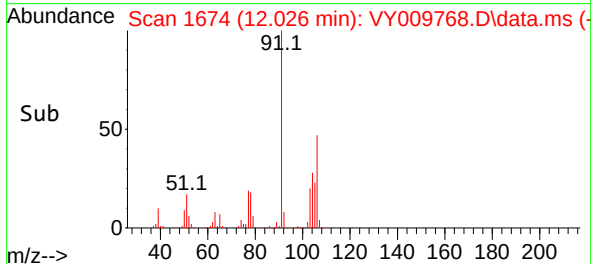
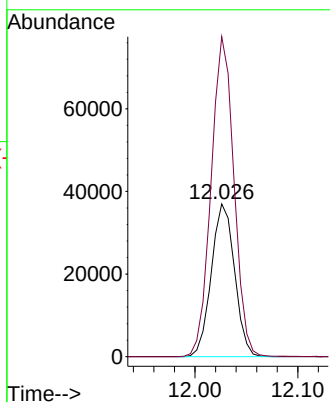
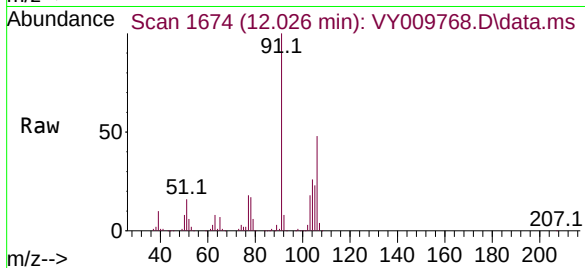




#69
o-Xylene
Concen: 18.157 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY009768.D
Acq: 29 Jul 2022 13:31

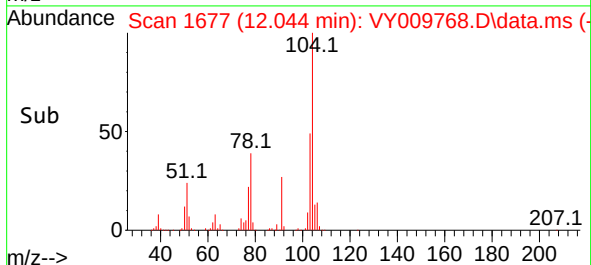
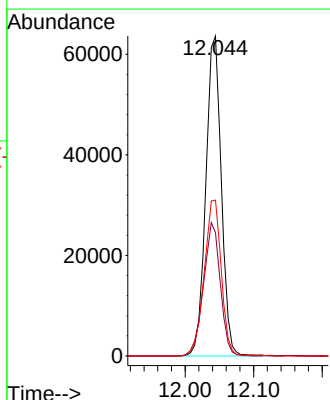
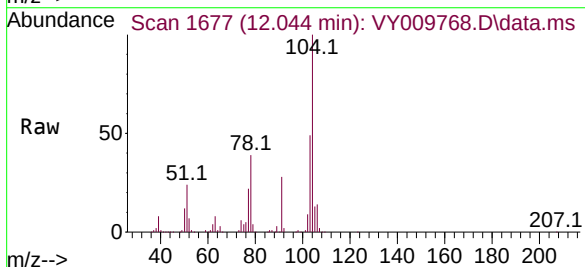
Instrument :
MSVOA_Y
ClientSampleId :
VY0729SBS01

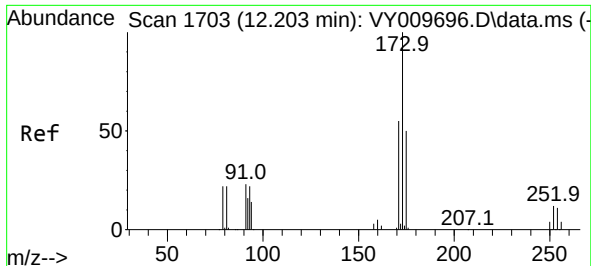
Tgt Ion:106 Resp: 58030
Ion Ratio Lower Upper
106 100
91 206.2 110.3 331.0



#70
Styrene
Concen: 18.665 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY009768.D
Acq: 29 Jul 2022 13:31

Tgt Ion:104 Resp: 100260
Ion Ratio Lower Upper
104 100
78 45.1 42.4 63.6
103 53.7 44.4 66.6

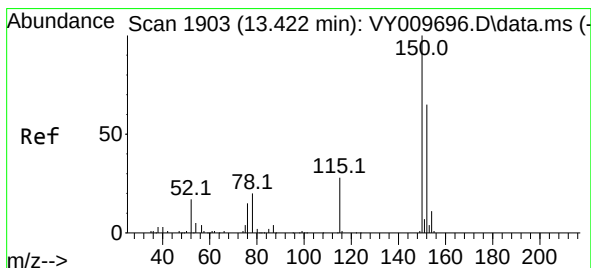
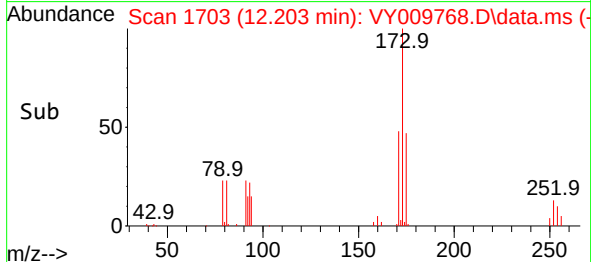
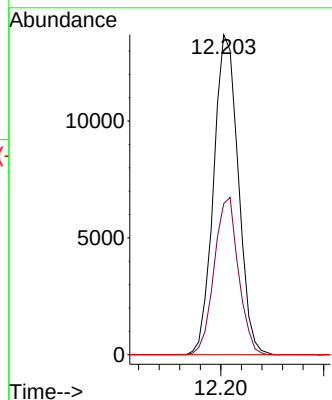
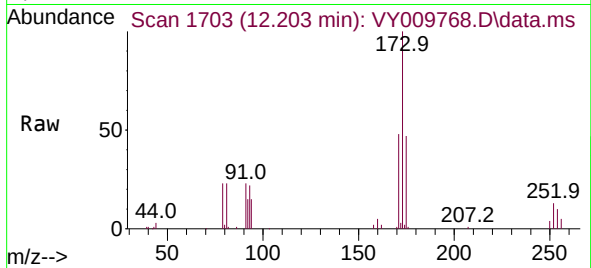




#71
Bromoform
Concen: 19.238 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VY009768.D
Acq: 29 Jul 2022 13:31

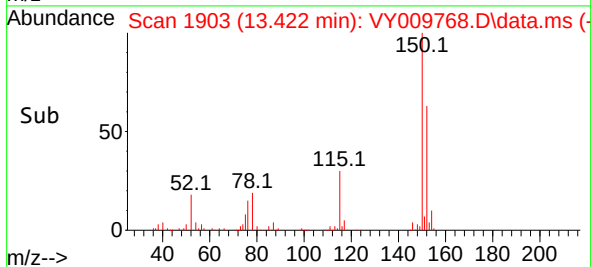
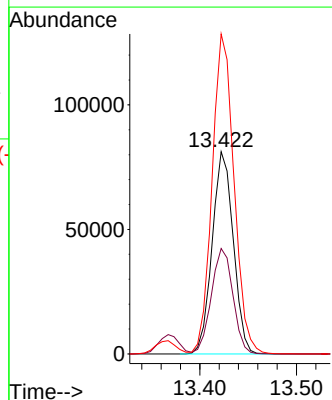
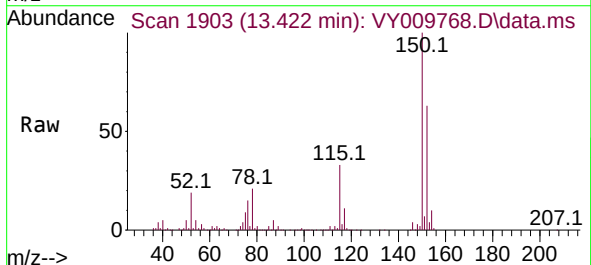
Instrument :
MSVOA_Y
ClientSampleId :
VY0729SBS01

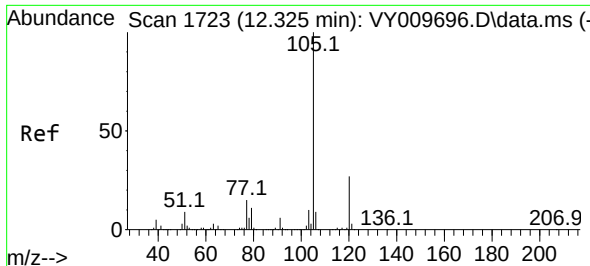
Tgt Ion:173 Resp: 22770
Ion Ratio Lower Upper
173 100
175 48.3 24.6 74.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009768.D
Acq: 29 Jul 2022 13:31

Tgt Ion:152 Resp: 123252
Ion Ratio Lower Upper
152 100
115 53.3 28.2 84.7
150 164.1 0.0 347.6

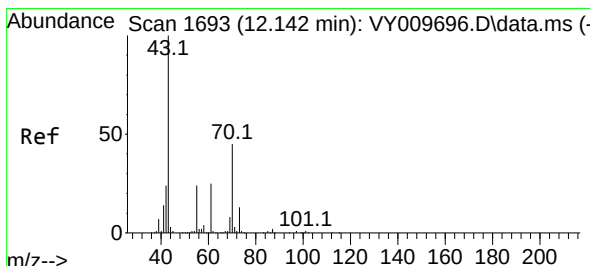
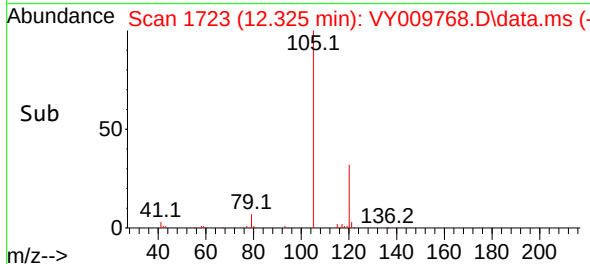
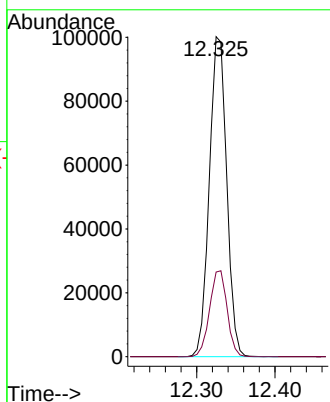
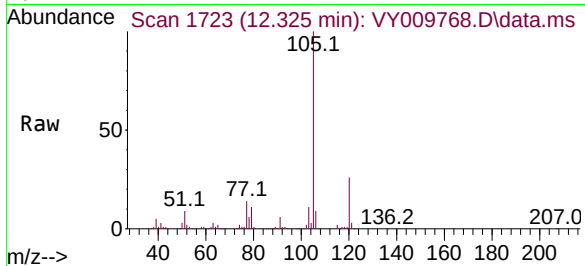




#73
Isopropylbenzene
Concen: 18.808 ug/l
RT: 12.325 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009768.D
Acq: 29 Jul 2022 13:31

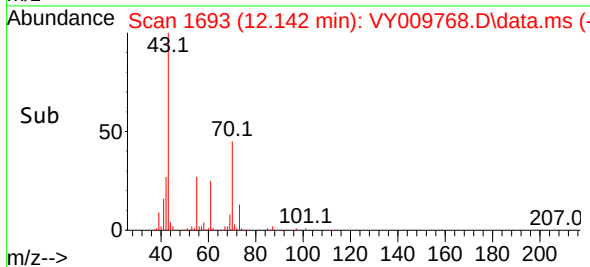
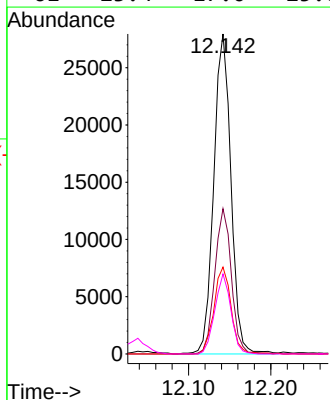
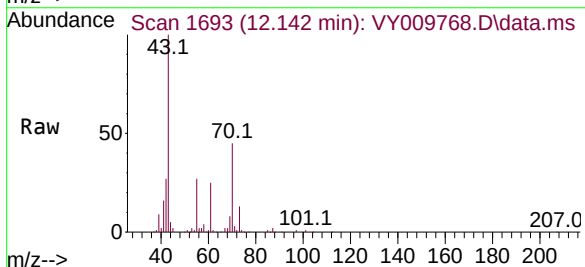
Instrument :
MSVOA_Y
ClientSampleId :
VY0729SBS01

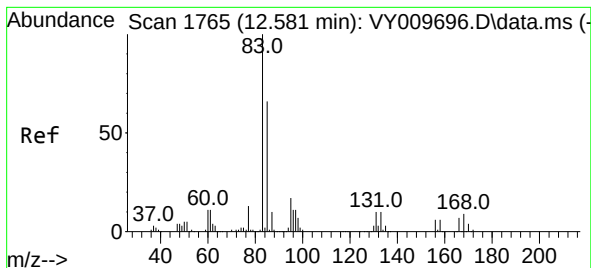
Tgt Ion:105 Resp: 154099
Ion Ratio Lower Upper
105 100
120 27.0 13.4 40.2



#74
N-ethyl acetate
Concen: 19.204 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY009768.D
Acq: 29 Jul 2022 13:31

Tgt Ion: 43 Resp: 40642
Ion Ratio Lower Upper
43 100
70 43.9 28.7 43.1#
55 27.1 17.3 25.9#
61 23.4 17.0 25.6

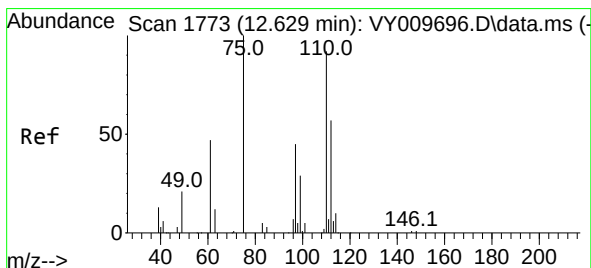
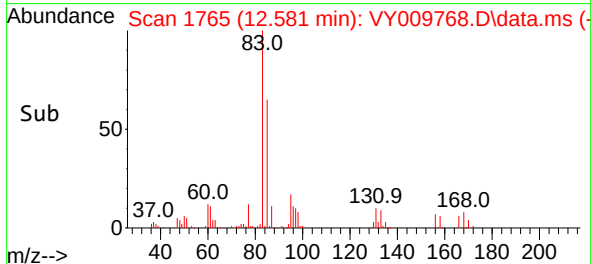
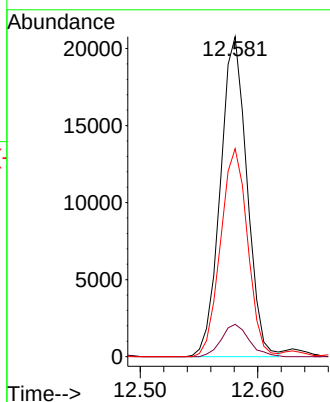
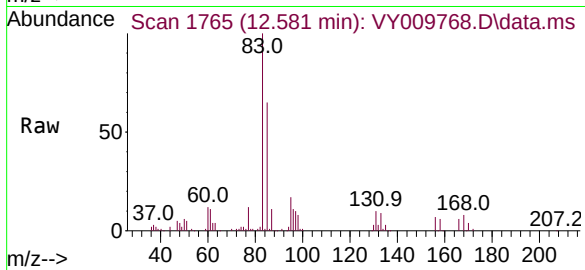




#75
1,1,2,2-Tetrachloroethane
Concen: 20.277 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY009768.D
Acq: 29 Jul 2022 13:31

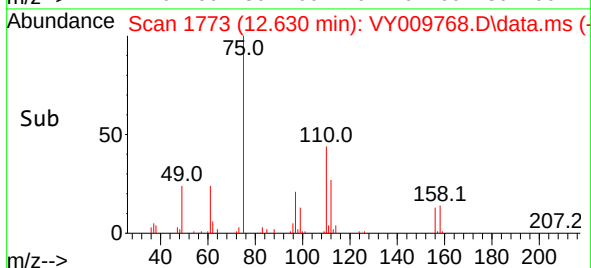
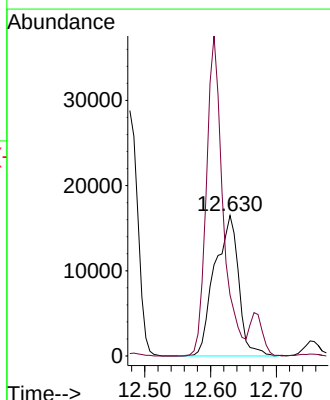
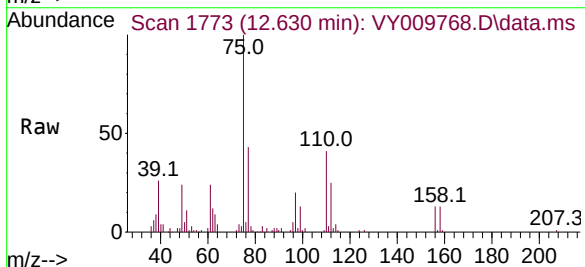
Instrument :
MSVOA_Y
ClientSampleId :
VY0729SBS01

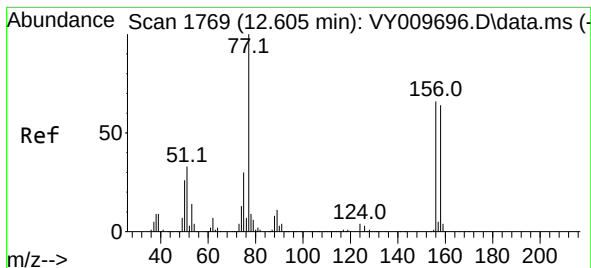
Tgt Ion: 83 Resp: 32678
Ion Ratio Lower Upper
83 100
131 10.5 5.6 16.8
85 65.9 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 36.639 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. 0.001 min
Lab File: VY009768.D
Acq: 29 Jul 2022 13:31

Tgt Ion: 75 Resp: 41945
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.745 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY009768.D

Acq: 29 Jul 2022 13:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0729SBS01

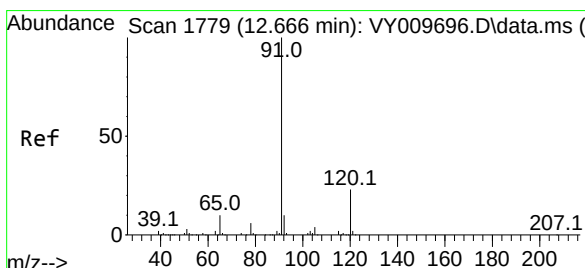
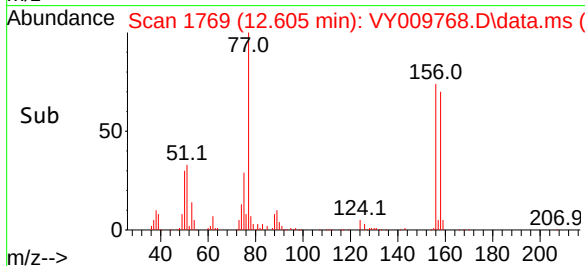
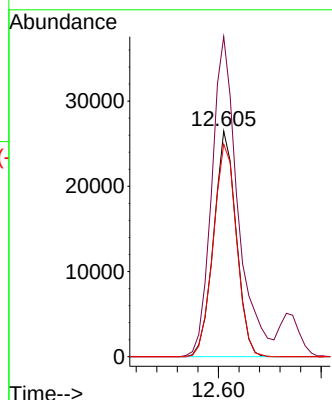
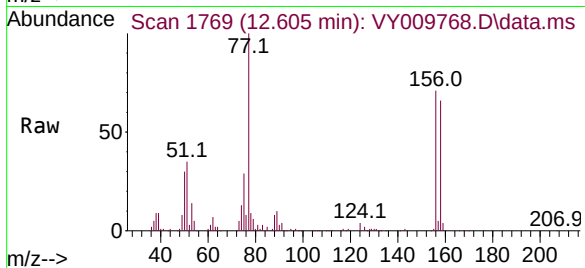
Tgt Ion:156 Resp: 40177

Ion Ratio Lower Upper

156 100

77 164.9 95.5 286.4

158 97.5 48.0 144.0



#78

n-propylbenzene

Concen: 19.312 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY009768.D

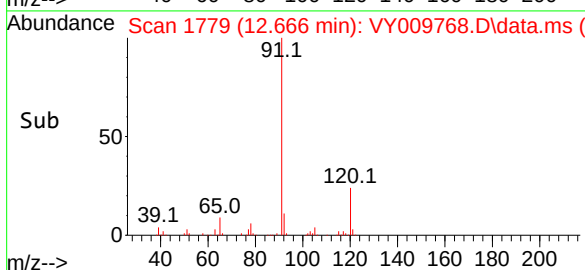
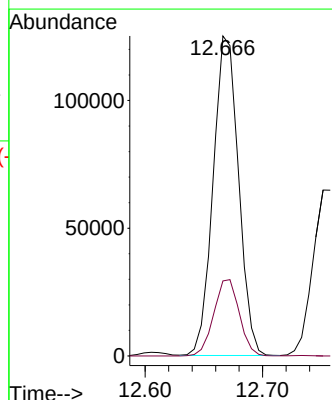
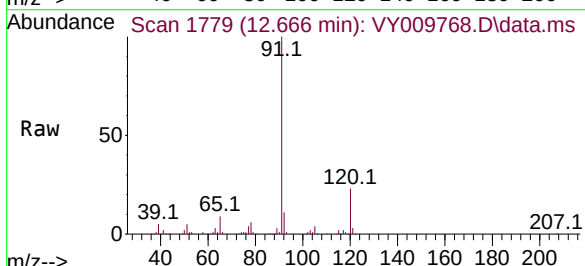
Acq: 29 Jul 2022 13:31

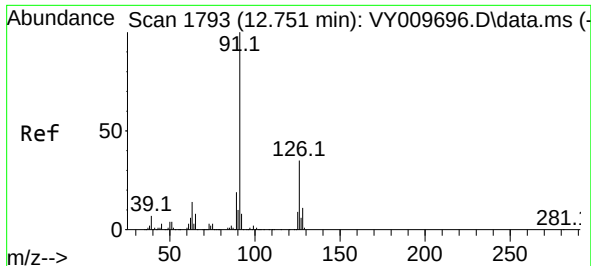
Tgt Ion: 91 Resp: 188035

Ion Ratio Lower Upper

91 100

120 24.1 11.3 33.9

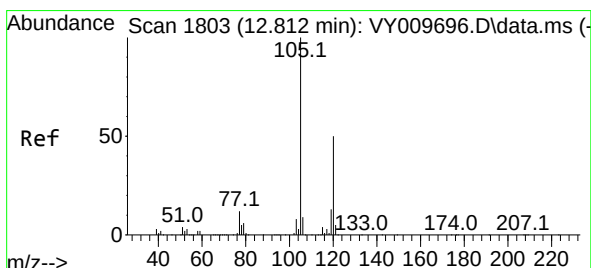
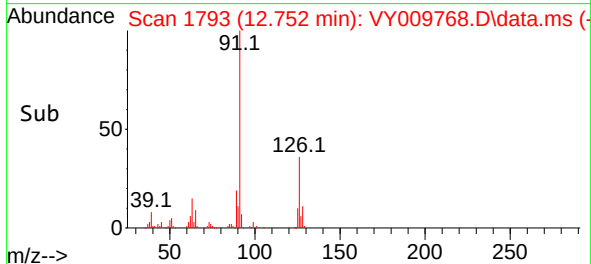
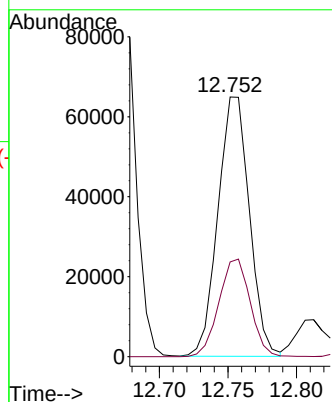
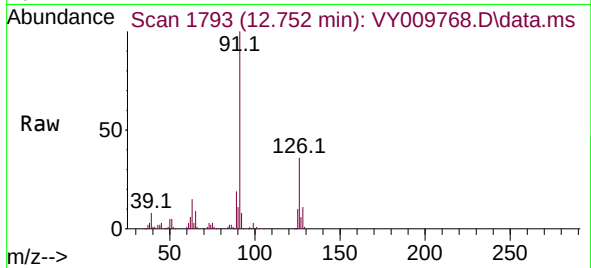




#79
2-Chlorotoluene
Concen: 18.840 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. 0.001 min
Lab File: VY009768.D
Acq: 29 Jul 2022 13:31

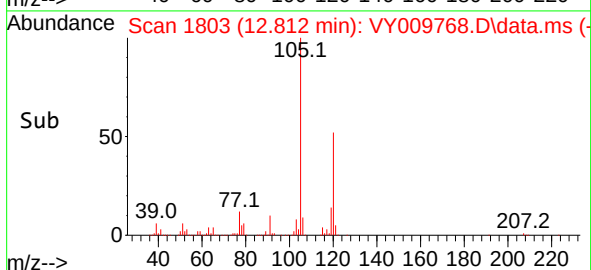
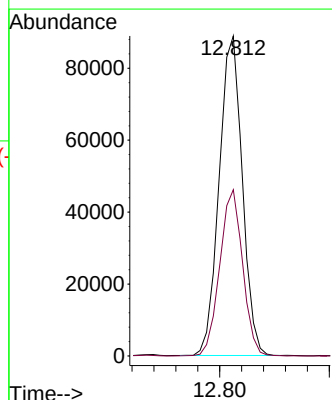
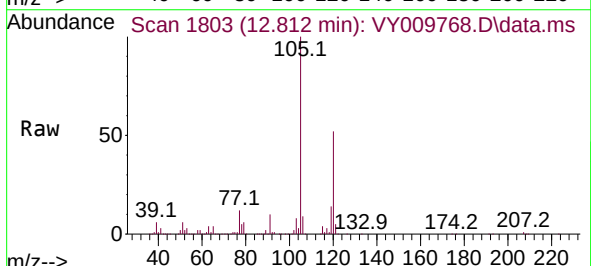
Instrument :
MSVOA_Y
ClientSampleId :
VY0729SBS01

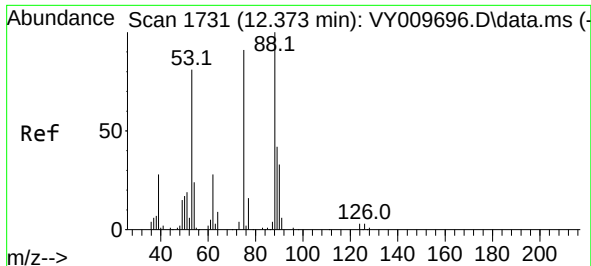
Tgt Ion: 91 Resp: 103816
Ion Ratio Lower Upper
91 100
126 37.5 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 19.194 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY009768.D
Acq: 29 Jul 2022 13:31

Tgt Ion:105 Resp: 130333
Ion Ratio Lower Upper
105 100
120 51.4 24.4 73.4

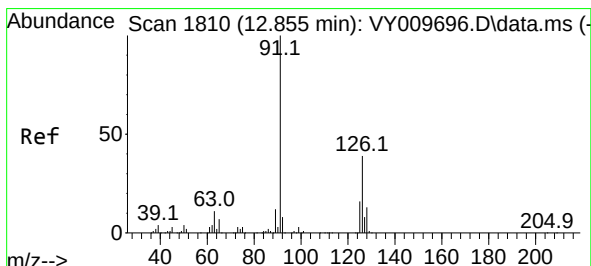
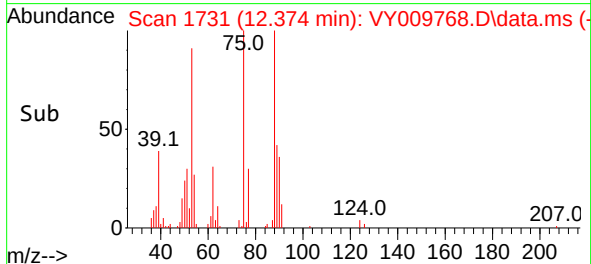
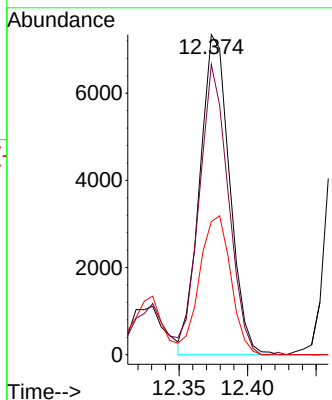
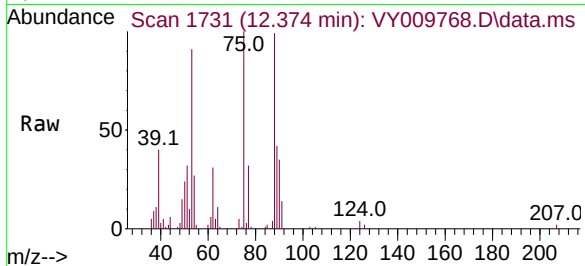




#81
trans-1,4-Dichloro-2-butene
Concen: 19.407 ug/l
RT: 12.374 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY009768.D
Acq: 29 Jul 2022 13:31

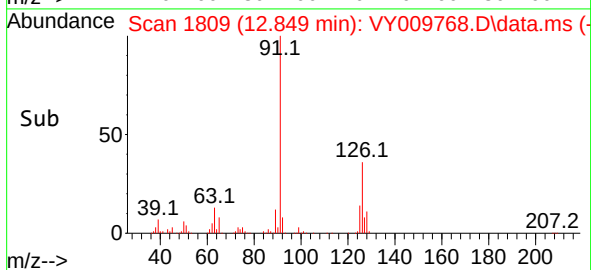
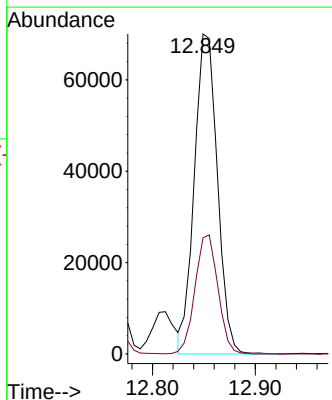
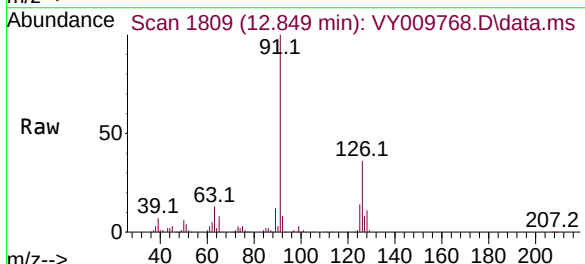
Instrument :
MSVOA_Y
ClientSampleId :
VY0729SBS01

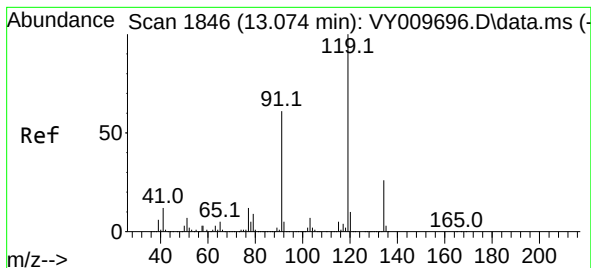
Tgt Ion: 75 Resp: 11146
Ion Ratio Lower Upper
75 100
53 87.2 85.3 127.9
89 45.3 37.0 55.4



#82
4-Chlorotoluene
Concen: 19.117 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY009768.D
Acq: 29 Jul 2022 13:31

Tgt Ion: 91 Resp: 109588
Ion Ratio Lower Upper
91 100
126 36.9 17.0 51.0





#83

tert-Butylbenzene

Concen: 18.485 ug/l

RT: 13.075 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY009768.D

Acq: 29 Jul 2022 13:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0729SBS01

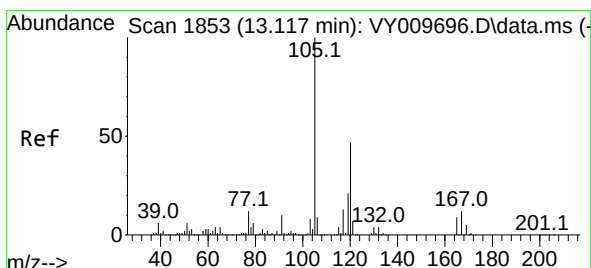
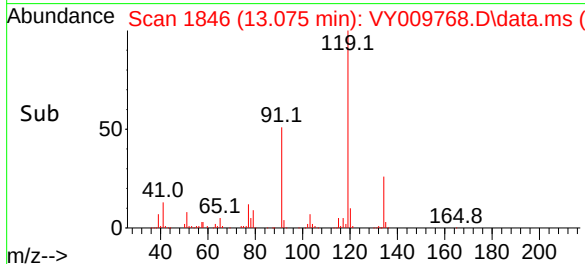
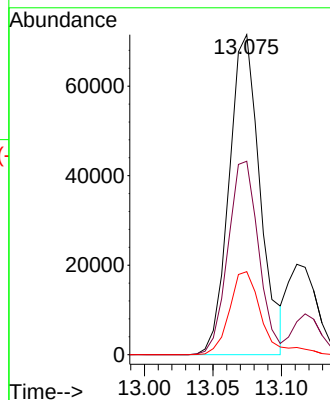
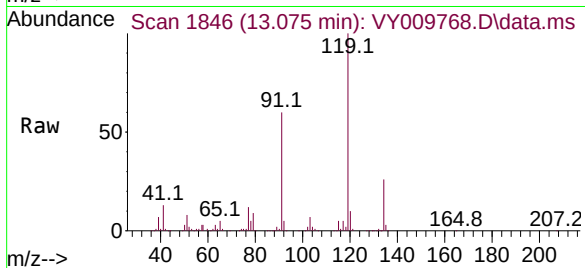
Tgt Ion:119 Resp: 112800

Ion Ratio Lower Upper

119 100

91 59.8 34.8 104.4

134 27.1 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 18.868 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY009768.D

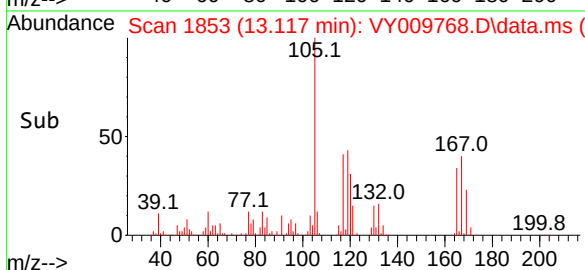
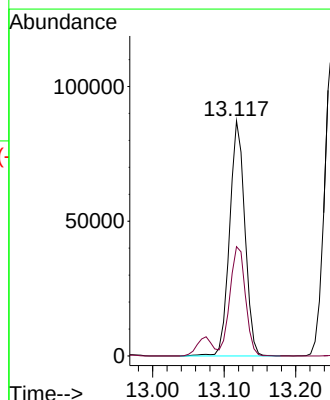
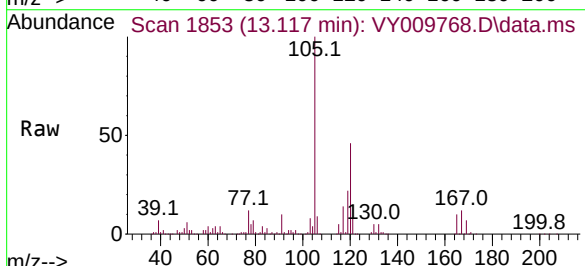
Acq: 29 Jul 2022 13:31

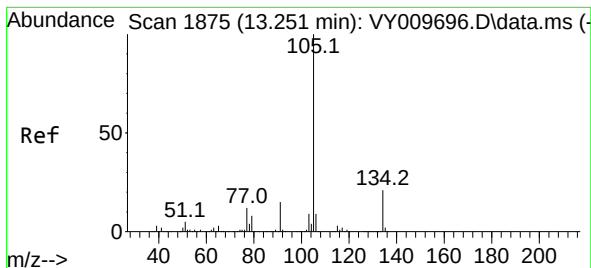
Tgt Ion:105 Resp: 129138

Ion Ratio Lower Upper

105 100

120 47.2 22.3 66.9





#85

sec-Butylbenzene

Concen: 19.174 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY009768.D

Acq: 29 Jul 2022 13:31

Instrument :

MSVOA_Y

ClientSampleId :

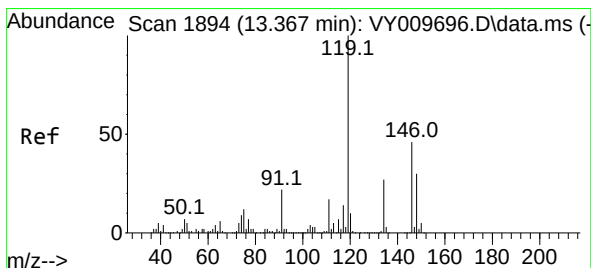
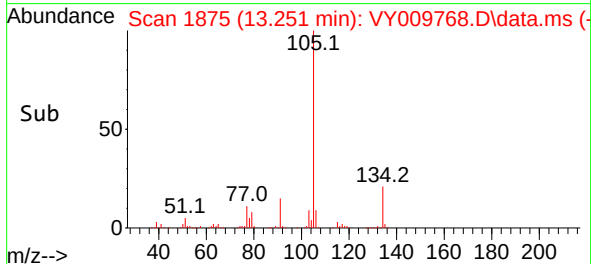
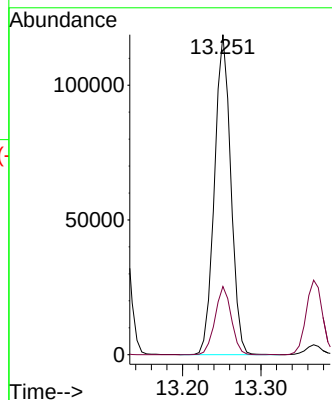
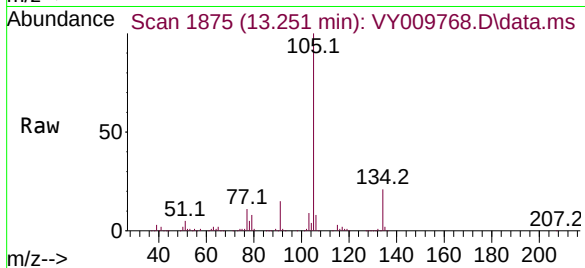
VY0729SBS01

Tgt Ion:105 Resp: 171795

Ion Ratio Lower Upper

105 100

134 21.2 10.2 30.4



#86

p-Isopropyltoluene

Concen: 18.794 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY009768.D

Acq: 29 Jul 2022 13:31

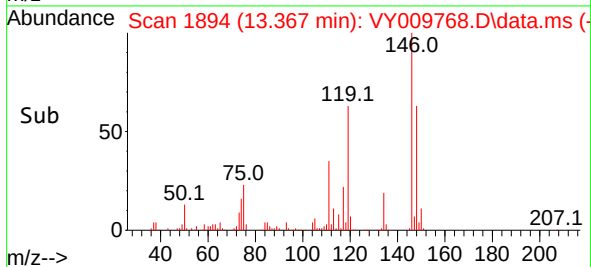
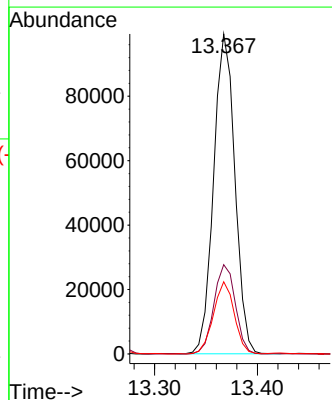
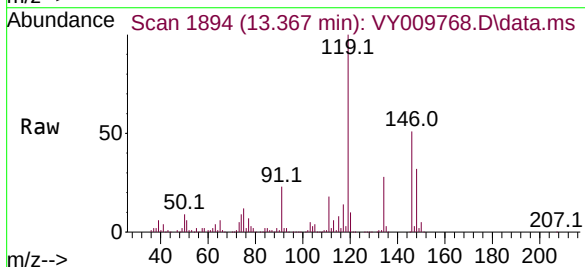
Tgt Ion:119 Resp: 142418

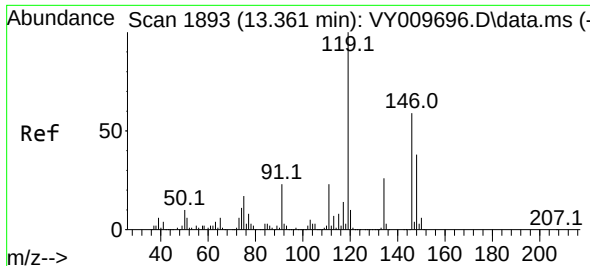
Ion Ratio Lower Upper

119 100

134 28.1 13.2 39.5

91 22.2 12.4 37.2

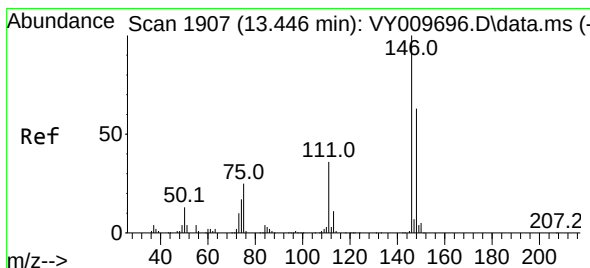
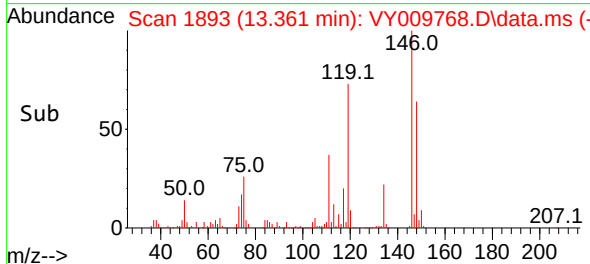
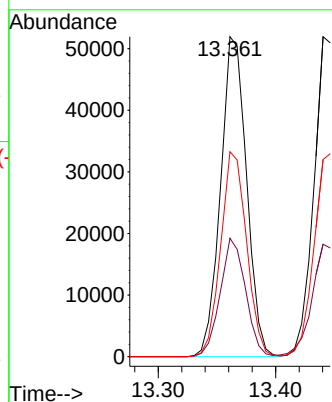
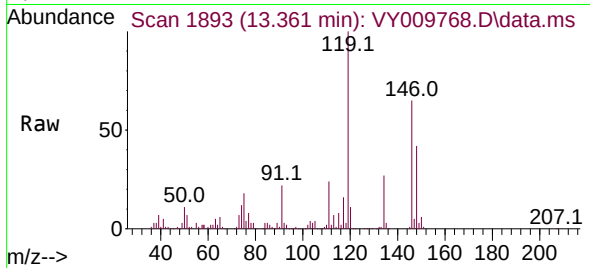




#87
 1,3-Dichlorobenzene
 Concen: 19.405 ug/l
 RT: 13.361 min Scan# 1893
 Delta R.T. 0.000 min
 Lab File: VY009768.D
 Acq: 29 Jul 2022 13:31

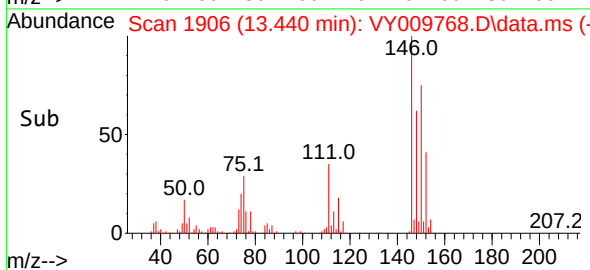
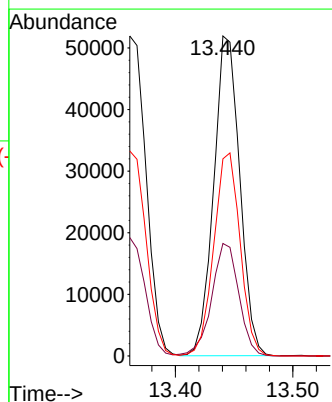
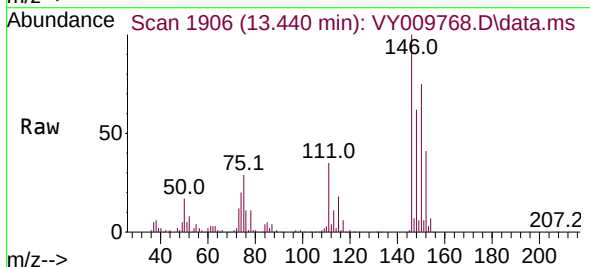
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0729SBS01

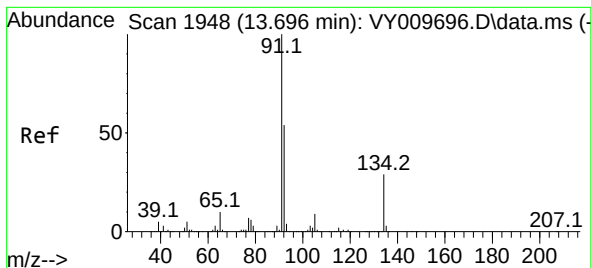
Tgt Ion:146 Resp: 79726
 Ion Ratio Lower Upper
 146 100
 111 36.2 19.5 58.5
 148 63.9 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 19.357 ug/l
 RT: 13.440 min Scan# 1906
 Delta R.T. -0.006 min
 Lab File: VY009768.D
 Acq: 29 Jul 2022 13:31

Tgt Ion:146 Resp: 80088
 Ion Ratio Lower Upper
 146 100
 111 36.7 19.3 57.8
 148 64.3 32.6 97.8





#89

n-Butylbenzene

Concen: 18.890 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY009768.D

Acq: 29 Jul 2022 13:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0729SBS01

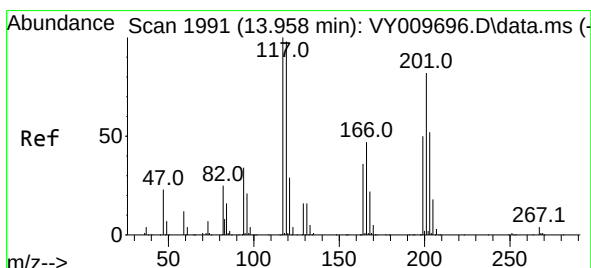
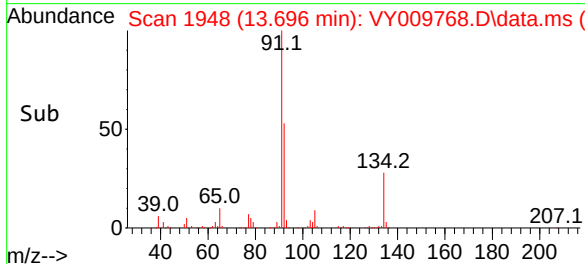
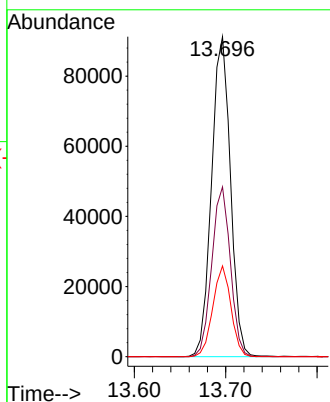
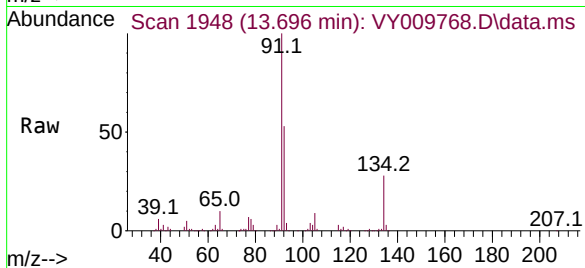
Tgt Ion: 91 Resp: 131143

Ion Ratio Lower Upper

91 100

92 52.2 26.3 78.9

134 27.1 13.0 38.9



#90

Hexachloroethane

Concen: 18.807 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.001 min

Lab File: VY009768.D

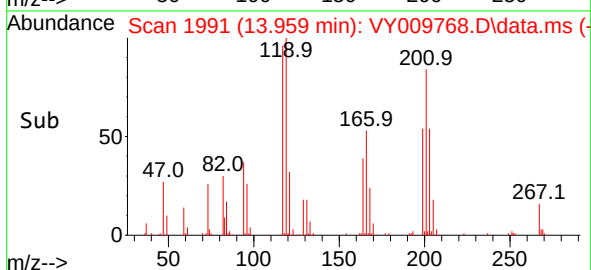
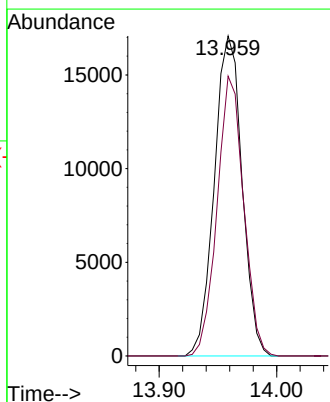
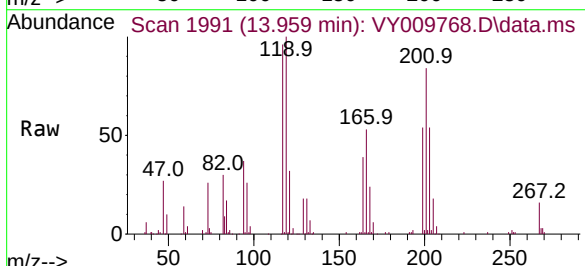
Acq: 29 Jul 2022 13:31

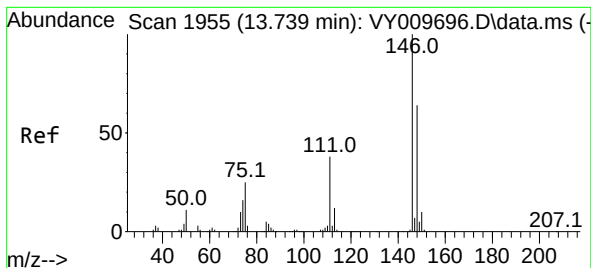
Tgt Ion: 117 Resp: 28035

Ion Ratio Lower Upper

117 100

201 83.6 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 19.480 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY009768.D

Acq: 29 Jul 2022 13:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0729SBS01

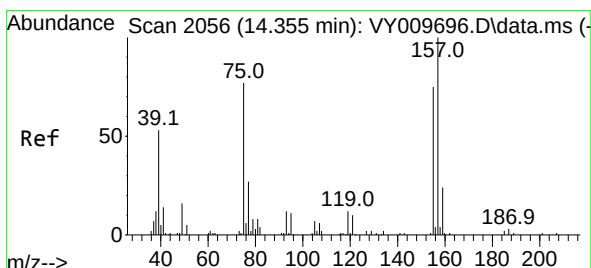
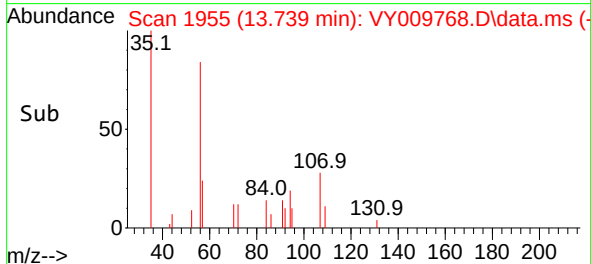
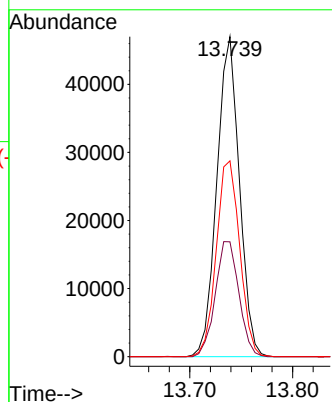
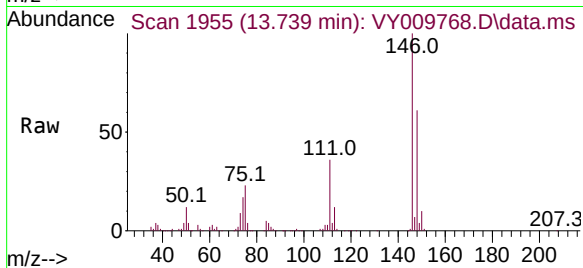
Tgt Ion:146 Resp: 71479

Ion Ratio Lower Upper

146 100

111 37.8 20.3 60.9

148 63.7 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.567 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY009768.D

Acq: 29 Jul 2022 13:31

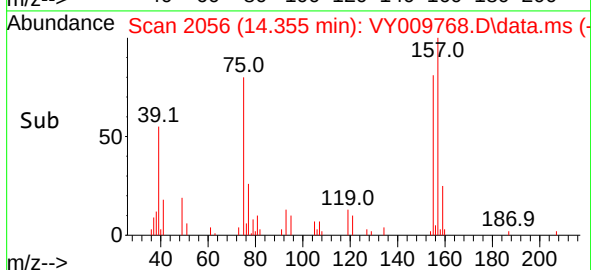
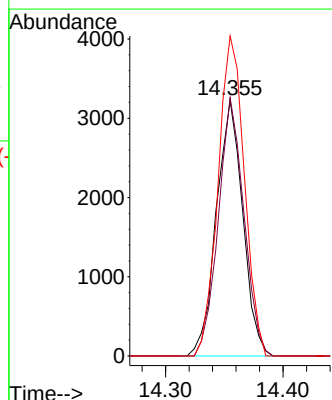
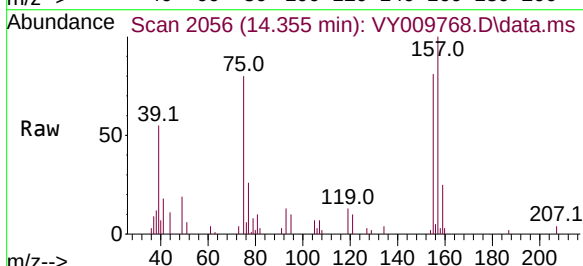
Tgt Ion: 75 Resp: 5028

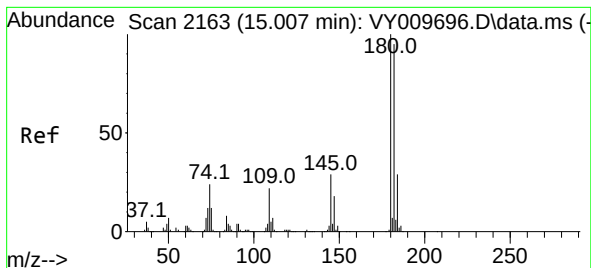
Ion Ratio Lower Upper

75 100

155 97.9 38.0 113.9

157 125.0 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 18.307 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY009768.D

Acq: 29 Jul 2022 13:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0729SBS01

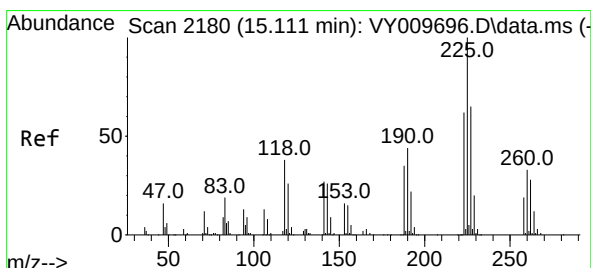
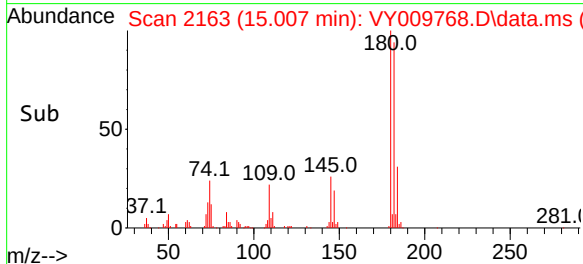
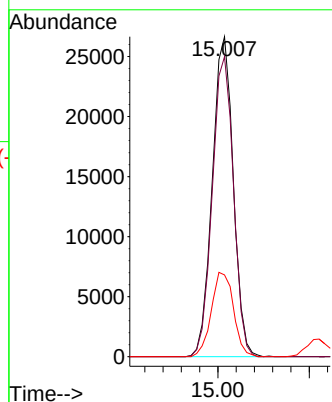
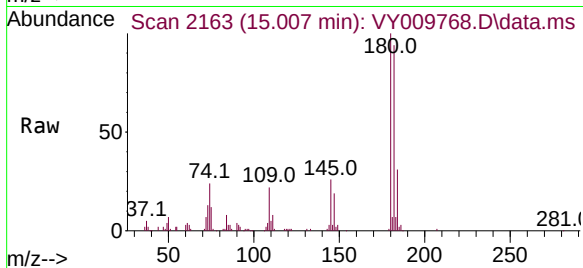
Tgt Ion:180 Resp: 42396

Ion Ratio Lower Upper

180 100

182 94.5 47.3 141.9

145 27.9 14.6 43.8



#94

Hexachlorobutadiene

Concen: 18.992 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY009768.D

Acq: 29 Jul 2022 13:31

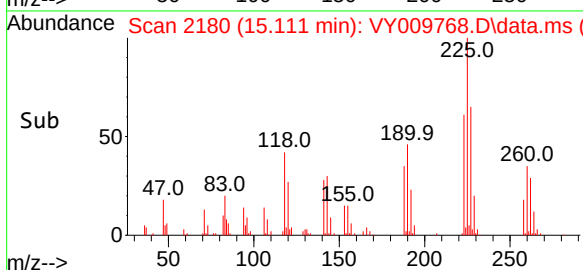
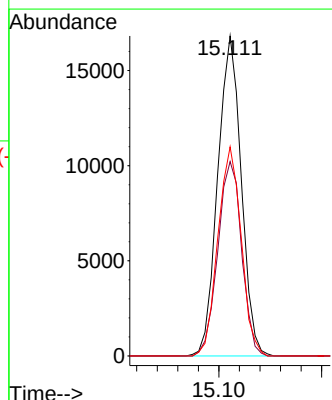
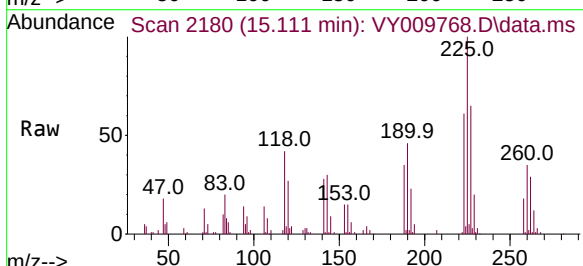
Tgt Ion:225 Resp: 26630

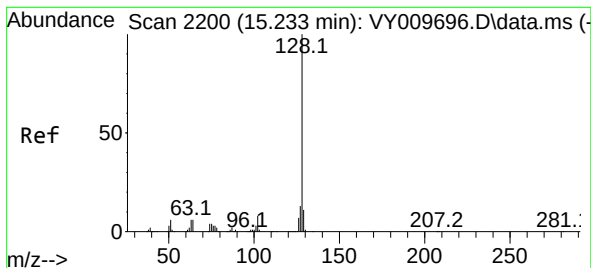
Ion Ratio Lower Upper

225 100

223 61.5 30.8 92.3

227 64.7 31.6 94.7





#95

Naphthalene

Concen: 17.829 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY009768.D

Acq: 29 Jul 2022 13:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0729SBS01

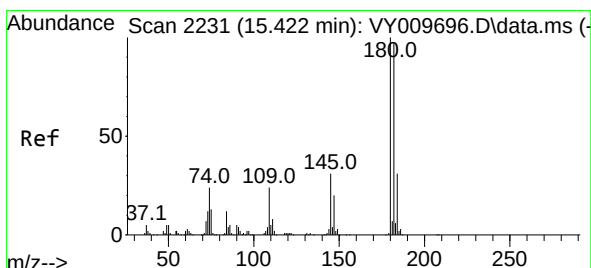
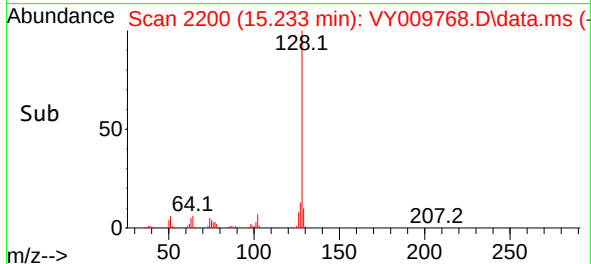
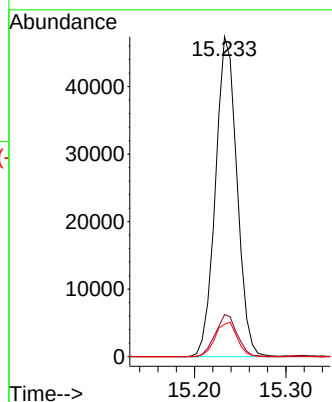
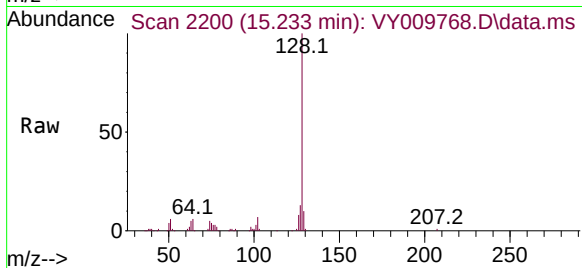
Tgt Ion:128 Resp: 77396

Ion Ratio Lower Upper

128 100

127 13.3 11.0 16.4

129 11.0 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 18.650 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY009768.D

Acq: 29 Jul 2022 13:31

Tgt Ion:180 Resp: 37776

Ion Ratio Lower Upper

180 100

182 92.8 47.3 141.9

145 28.1 15.3 45.9

