

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072622\
 Data File : VY009695.D
 Acq On : 26 Jul 2022 12:26
 Operator : KP/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Quant Time: Jul 27 02:14:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 02:13:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	230354	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	348654	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	316823	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	162896	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	43202	24.403	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	48.800%#
35) Dibromofluoromethane	7.710	113	42636	22.433	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	44.860%#
50) Toluene-d8	10.173	98	154911	24.432	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	48.860%#
62) 4-Bromofluorobenzene	12.477	95	55041	21.786	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	43.580%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	42994	21.361	ug/l	99
3) Chloromethane	2.107	50	53655	21.153	ug/l	95
4) Vinyl Chloride	2.241	62	59606	21.277	ug/l	97
5) Bromomethane	2.631	94	39835	20.694	ug/l	94
6) Chloroethane	2.778	64	35067	20.889	ug/l	99
7) Trichlorofluoromethane	3.107	101	76219	20.671	ug/l	92
8) Diethyl Ether	3.522	74	24557	20.462	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.881	101	43050	20.618	ug/l	95
10) Methyl Iodide	4.076	142	56973	20.697	ug/l #	88
11) Tert butyl alcohol	4.954	59	27073	110.362	ug/l	100
12) 1,1-Dichloroethene	3.857	96	40513	20.611	ug/l	81
13) Acrolein	3.723	56	4689	116.250	ug/l	100
14) Allyl chloride	4.466	41	62600	20.272	ug/l #	91
15) Acrylonitrile	5.149	53	58780	100.308	ug/l	99
16) Acetone	3.942	43	50026	90.526	ug/l	94
17) Carbon Disulfide	4.180	76	128521	21.265	ug/l	99
18) Methyl Acetate	4.460	43	29630	18.281	ug/l #	90
19) Methyl tert-butyl Ether	5.216	73	108052	19.949	ug/l	95
20) Methylene Chloride	4.704	84	64306	17.181	ug/l	84
21) trans-1,2-Dichloroethene	5.204	96	47159	20.510	ug/l	85
22) Diisopropyl ether	6.106	45	134180	20.268	ug/l	94
23) Vinyl Acetate	6.052	43	424094	103.734	ug/l #	91
24) 1,1-Dichloroethane	6.009	63	76608	20.069	ug/l	97
25) 2-Butanone	6.978	43	78046	95.479	ug/l #	89
26) 2,2-Dichloropropane	6.972	77	73030	20.118	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	52117	20.335	ug/l	88
28) Bromochloromethane	7.326	49	27351	19.714	ug/l	84
29) Tetrahydrofuran	7.338	42	52356	100.936	ug/l	88
30) Chloroform	7.496	83	80415	20.167	ug/l	98
31) Cyclohexane	7.777	56	73399	20.094	ug/l	89
32) 1,1,1-Trichloroethane	7.691	97	73022	20.308	ug/l	96
36) 1,1-Dichloropropene	7.911	75	63116	20.225	ug/l	96
37) Ethyl Acetate	7.064	43	36530	19.905	ug/l #	93
38) Carbon Tetrachloride	7.893	117	66128	20.009	ug/l	98
39) Methylcyclohexane	9.179	83	75890	19.964	ug/l	91
40) Benzene	8.155	78	187328	20.469	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	18347	19.477	ug/l #	1
42) 1,2-Dichloroethane	8.228	62	52816	20.731	ug/l	91
43) Isopropyl Acetate	8.265	43	64556	20.048	ug/l #	92
44) Trichloroethene	8.935	130	53131	20.271	ug/l	96
45) 1,2-Dichloropropane	9.210	63	44258	19.878	ug/l	97
46) Dibromomethane	9.301	93	27432	20.477	ug/l	97
47) Bromodichloromethane	9.490	83	57823	18.927	ug/l	95
48) Methyl methacrylate	9.289	41	28287	19.982	ug/l #	86
49) 1,4-Dioxane	9.289	88	7372	423.413	ug/l #	75
51) 4-Methyl-2-Pentanone	10.063	43	147059	89.476	ug/l	91
52) Toluene	10.240	92	110614	19.358	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	60883	19.382	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	67996	18.793	ug/l #	86
55) 1,1,2-Trichloroethane	10.642	97	37930	20.241	ug/l	99
56) Ethyl methacrylate	10.508	69	42132	17.975	ug/l #	81
57) 1,3-Dichloropropane	10.788	76	63277	20.648	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	72963	71.420	ug/l	91
59) 2-Hexanone	10.831	43	116858	99.979	ug/l	89
60) Dibromochloromethane	10.984	129	46577	20.574	ug/l	98
61) 1,2-Dibromoethane	11.087	107	37373	20.483	ug/l	99
64) Tetrachloroethene	10.715	164	50428	20.280	ug/l	98
65) Chlorobenzene	11.514	112	127386	20.067	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	47170	19.993	ug/l	97
67) Ethyl Benzene	11.587	91	220748	20.093	ug/l	98
68) m/p-Xylenes	11.697	106	178224	40.597	ug/l	91
69) o-Xylene	12.026	106	82452	20.008	ug/l	89
70) Styrene	12.038	104	138207	19.967	ug/l	94
71) Bromoform	12.203	173	30857	20.394	ug/l #	98
73) Isopropylbenzene	12.325	105	215881	19.681	ug/l	100
74) N-amyl acetate	12.142	43	57177	19.639	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	44393	20.255	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	57816	36.511	ug/l #	100
77) Bromobenzene	12.605	156	53972	19.683	ug/l	91
78) n-propylbenzene	12.666	91	259677	19.871	ug/l	97
79) 2-Chlorotoluene	12.752	91	145618	19.784	ug/l	95
80) 1,3,5-Trimethylbenzene	12.813	105	180571	19.902	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	15078	19.368	ug/l	88
82) 4-Chlorotoluene	12.849	91	152061	19.721	ug/l	96
83) tert-Butylbenzene	13.075	119	159302	19.943	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	179799	20.051	ug/l	98
85) sec-Butylbenzene	13.251	105	236350	20.219	ug/l	99
86) p-Isopropyltoluene	13.367	119	199356	20.083	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	106254	19.684	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	108122	19.901	ug/l	98
89) n-Butylbenzene	13.697	91	180215	19.857	ug/l	99
90) Hexachloroethane	13.959	117	38653	19.881	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	94513	19.514	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6933	19.365	ug/l	73
93) 1,2,4-Trichlorobenzene	15.007	180	58112	18.999	ug/l	99
94) Hexachlorobutadiene	15.111	225	36164	19.692	ug/l	99
95) Naphthalene	15.233	128	107457	18.803	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	51061	19.269	ug/l	99

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QLast Update : Wed Jul 27 02:13:05 2022
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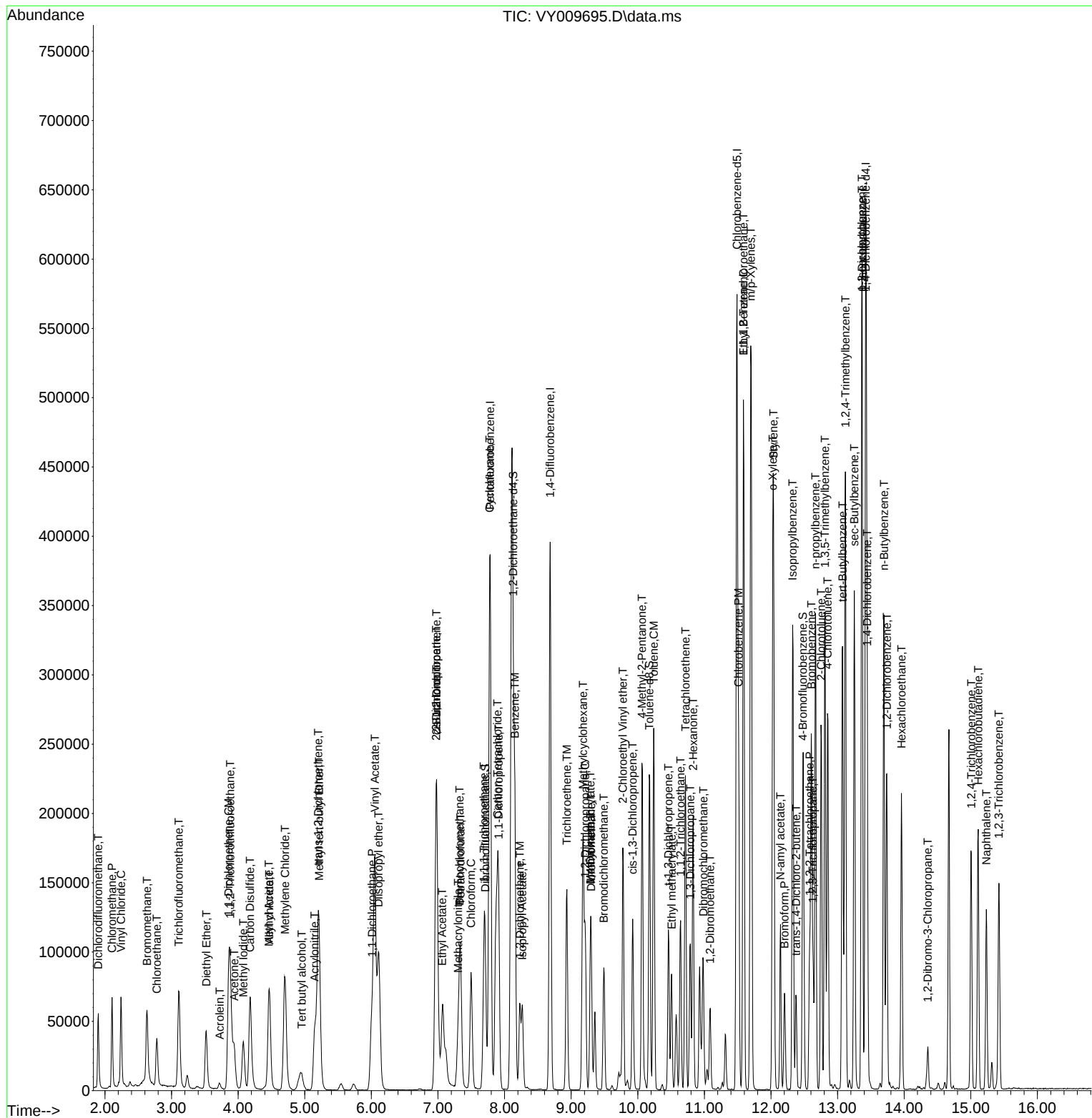
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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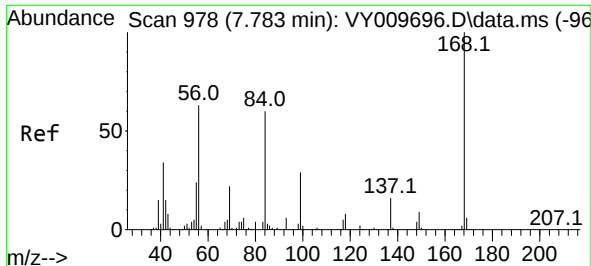
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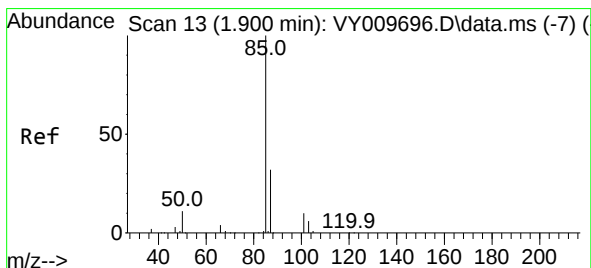
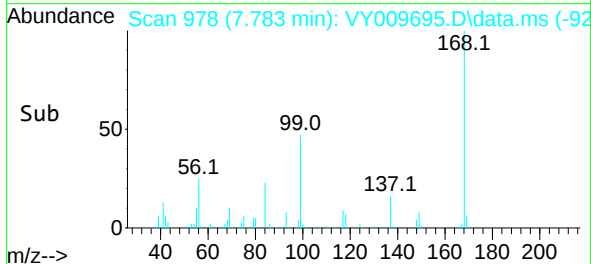
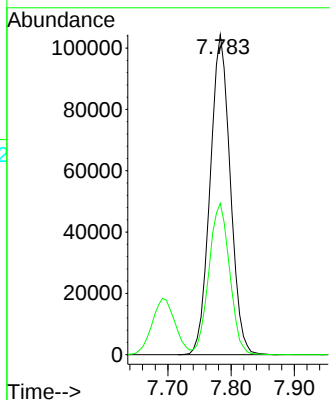
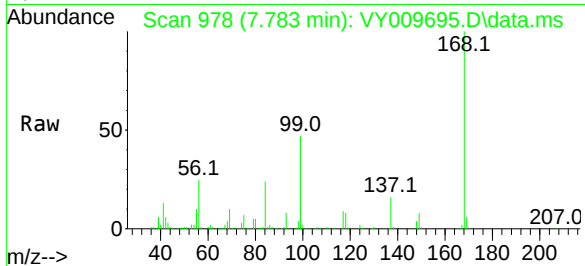




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
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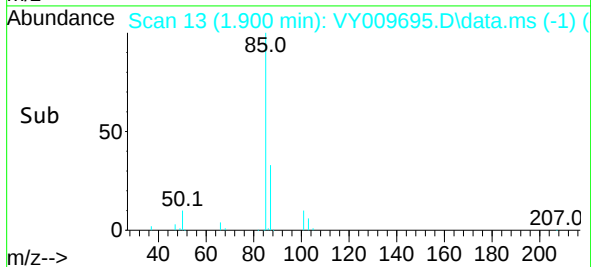
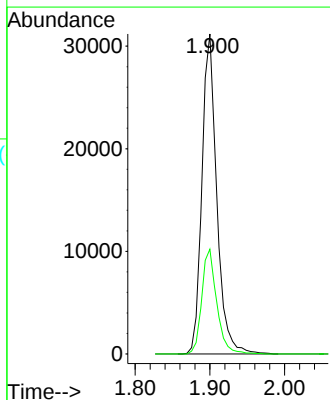
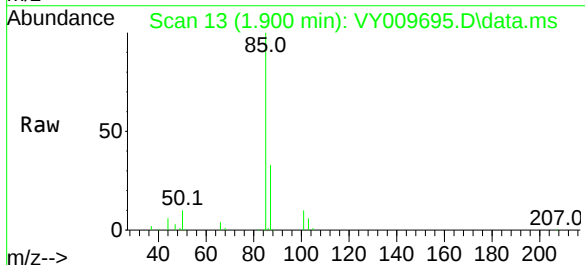
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

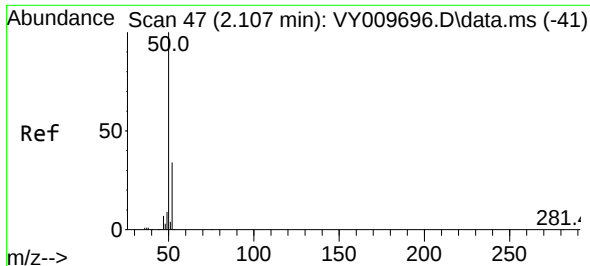
Tgt Ion:168 Resp: 230354
Ion Ratio Lower Upper
168 100
99 47.3 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 21.361 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY009695.D
Acq: 26 Jul 2022 12:26

Tgt Ion: 85 Resp: 42994
Ion Ratio Lower Upper
85 100
87 32.7 16.1 48.2

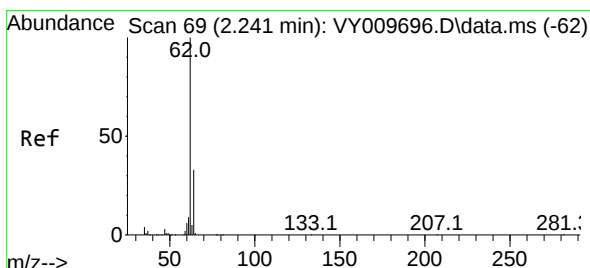
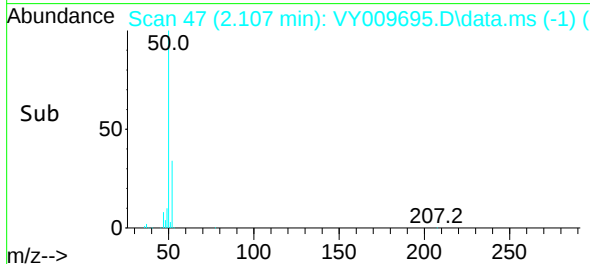
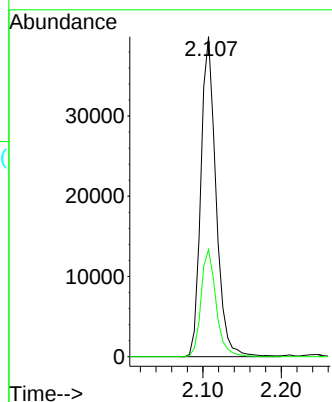
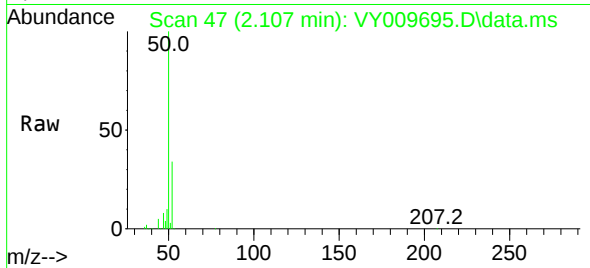




#3
Chloromethane
Concen: 21.153 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009695.D
Acq: 26 Jul 2022 12:26

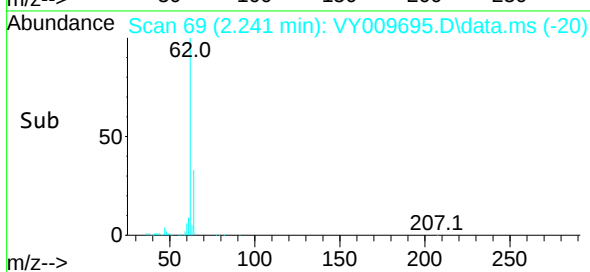
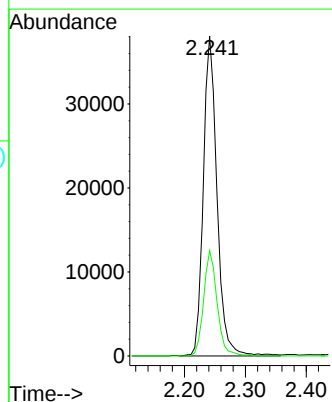
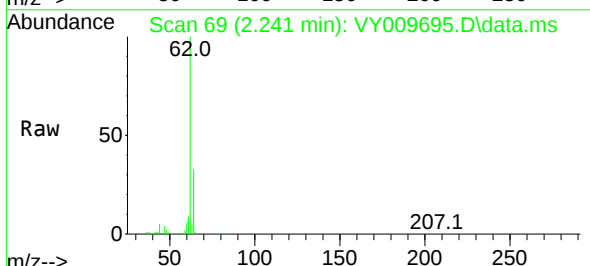
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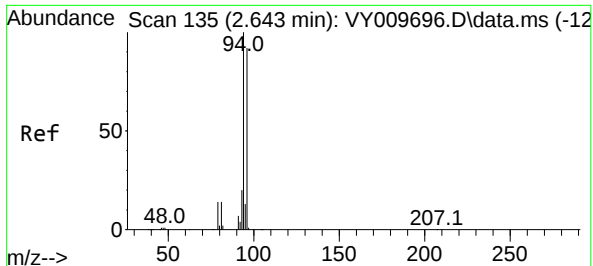
Tgt Ion: 50 Resp: 53655
Ion Ratio Lower Upper
50 100
52 33.5 24.6 37.0



#4
Vinyl Chloride
Concen: 21.277 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.000 min
Lab File: VY009695.D
Acq: 26 Jul 2022 12:26

Tgt Ion: 62 Resp: 59606
Ion Ratio Lower Upper
62 100
64 32.9 25.0 37.6

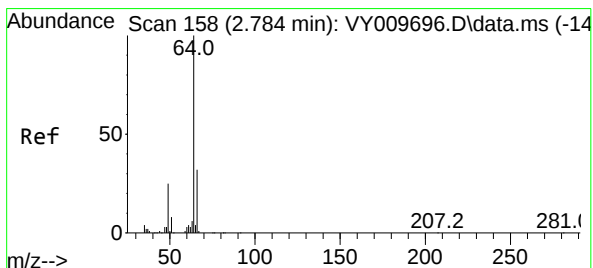
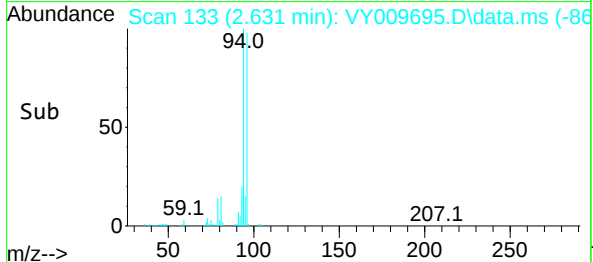
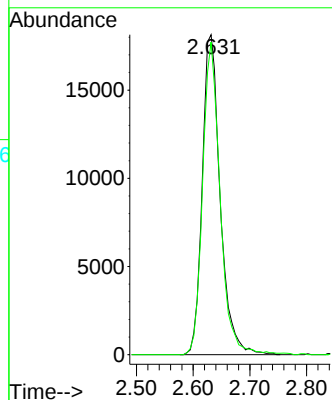
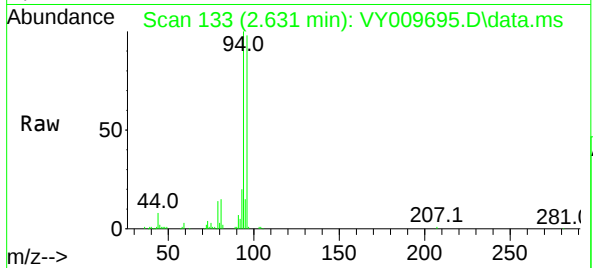




#5
Bromomethane
Concen: 20.694 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY009695.D
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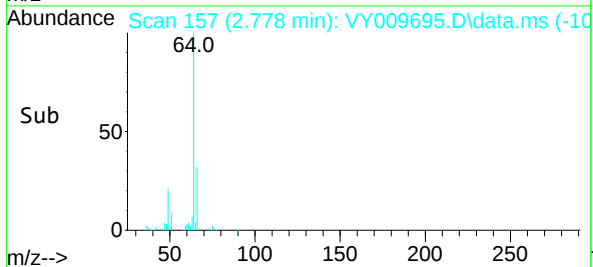
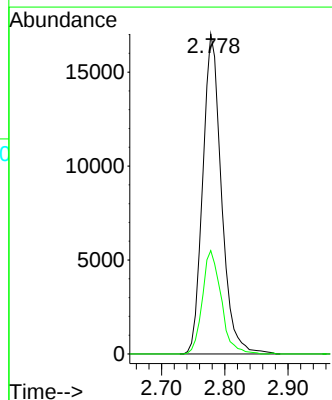
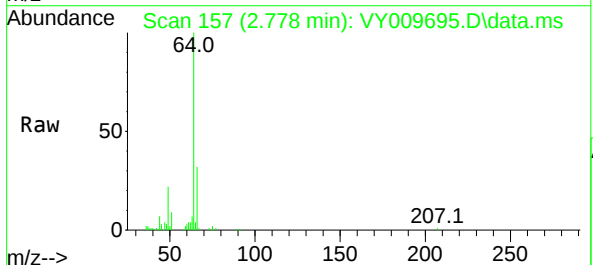
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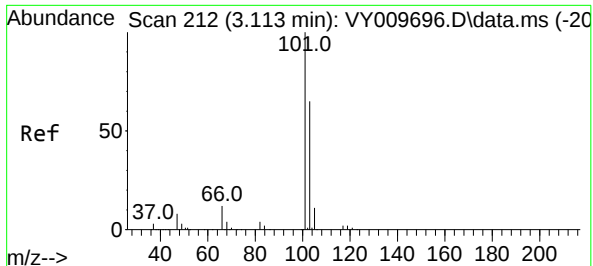
Tgt Ion: 94 Resp: 39835
Ion Ratio Lower Upper
94 100
96 97.7 73.5 110.3



#6
Chloroethane
Concen: 20.889 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.006 min
Lab File: VY009695.D
Acq: 26 Jul 2022 12:26

Tgt Ion: 64 Resp: 35067
Ion Ratio Lower Upper
64 100
66 32.3 25.4 38.0

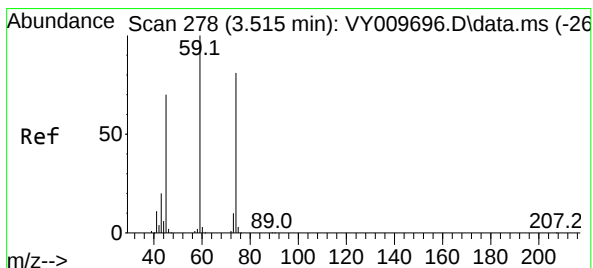
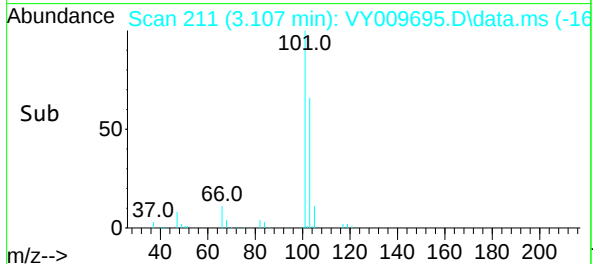
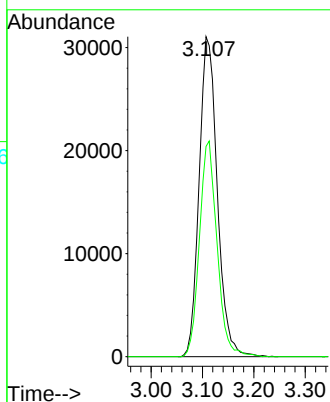
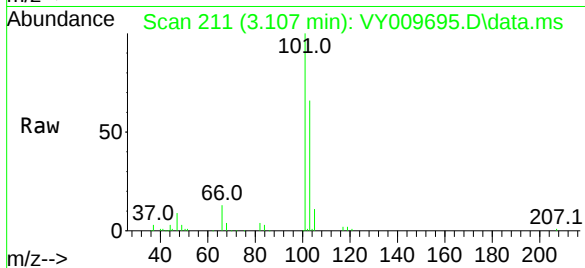




#7
Trichlorofluoromethane
Concen: 20.671 ug/l
RT: 3.107 min Scan# 211
Delta R.T. -0.006 min
Lab File: VY009695.D
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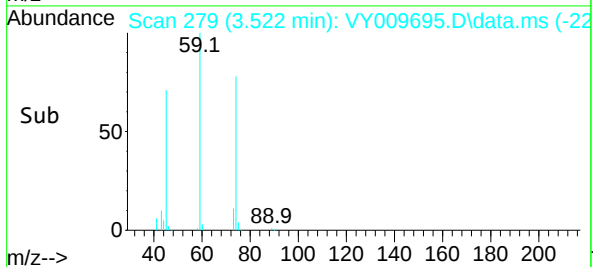
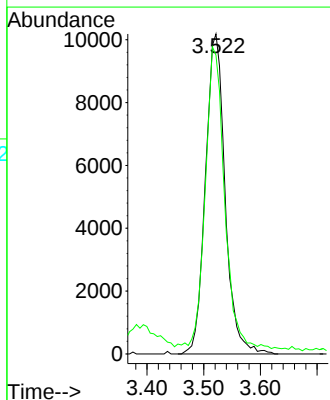
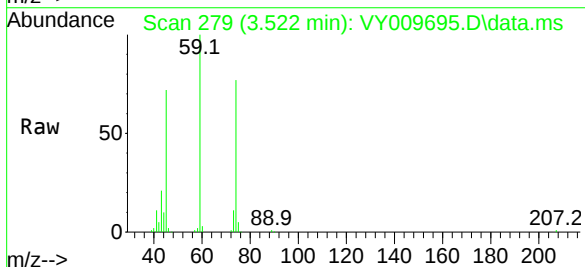
Instrument :
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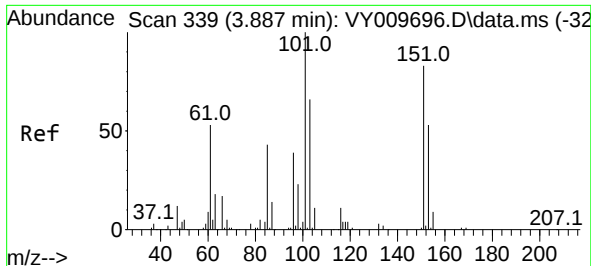
Tgt Ion:101 Resp: 76219
Ion Ratio Lower Upper
101 100
103 65.7 48.0 72.0



#8
Diethyl Ether
Concen: 20.462 ug/l
RT: 3.522 min Scan# 279
Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 24557
Ion Ratio Lower Upper
74 100
45 90.1 55.1 165.5

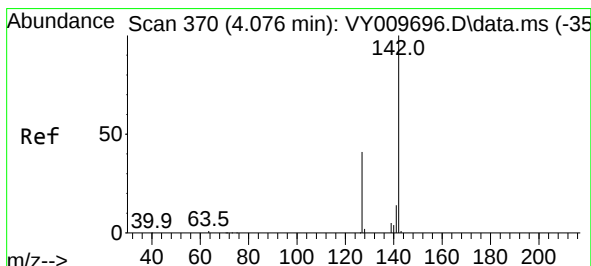
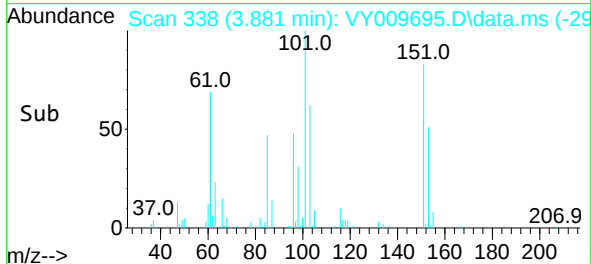
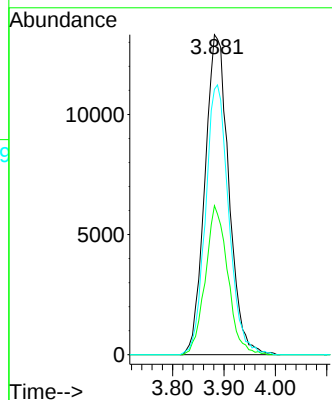
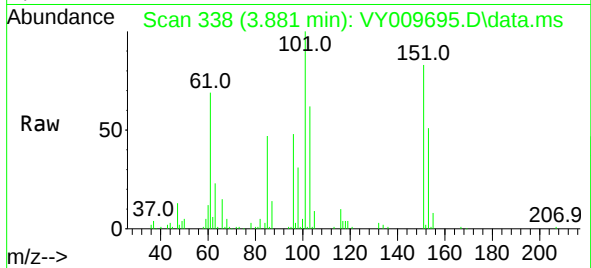




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.618 ug/l
RT: 3.881 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY009695.D
Acq: 26 Jul 2022 12:26

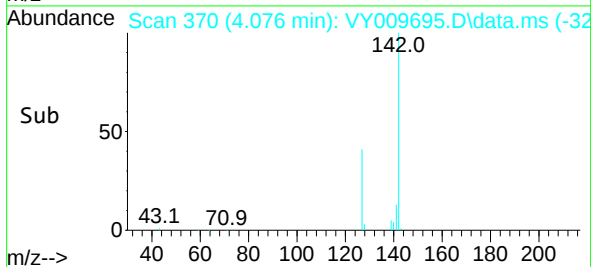
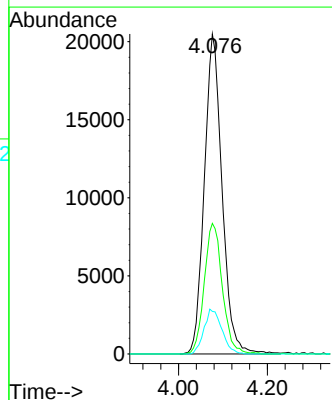
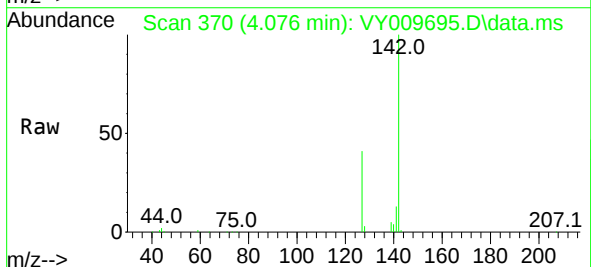
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

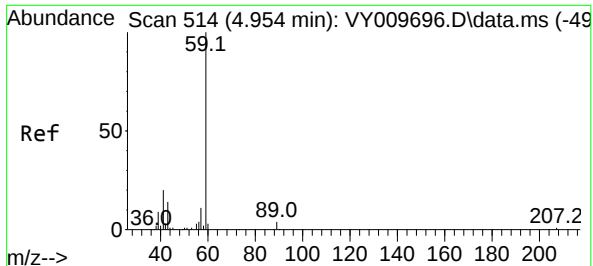
Tgt Ion:101 Resp: 43050
Ion Ratio Lower Upper
101 100
85 43.6 40.6 60.8
151 82.0 64.9 97.3



#10
Methyl Iodide
Concen: 20.697 ug/l
RT: 4.076 min Scan# 370
Delta R.T. 0.000 min
Lab File: VY009695.D
Acq: 26 Jul 2022 12:26

Tgt Ion:142 Resp: 56973
Ion Ratio Lower Upper
142 100
127 41.4 41.5 62.3#
141 14.1 11.9 17.9

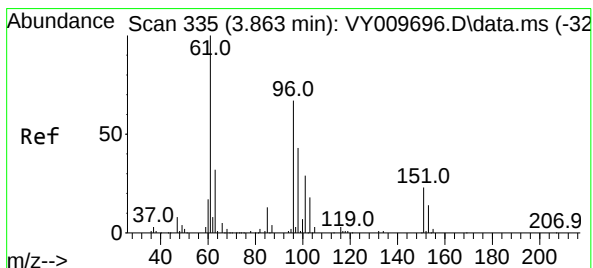
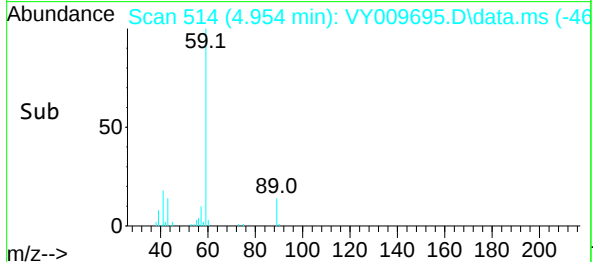
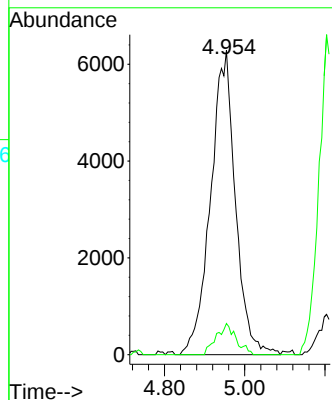
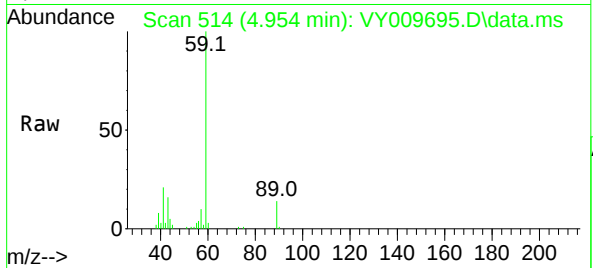




#11
Tert butyl alcohol
Concen: 110.362 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY009695.D
Acq: 26 Jul 2022 12:26

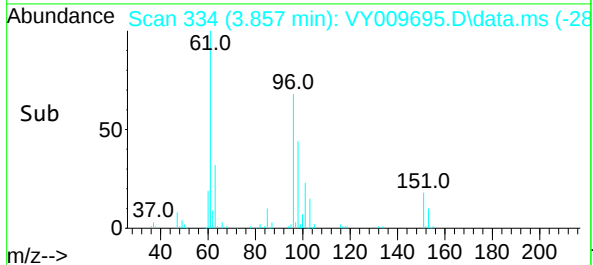
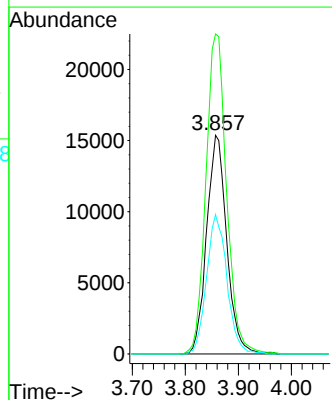
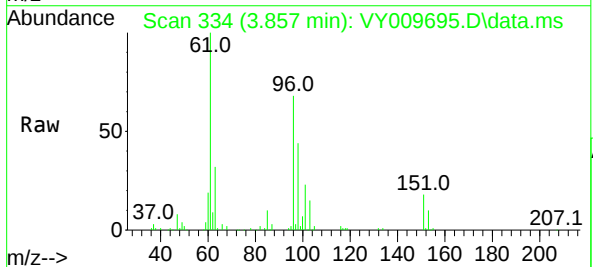
Instrument :
MSVOA_Y
ClientSampleId :
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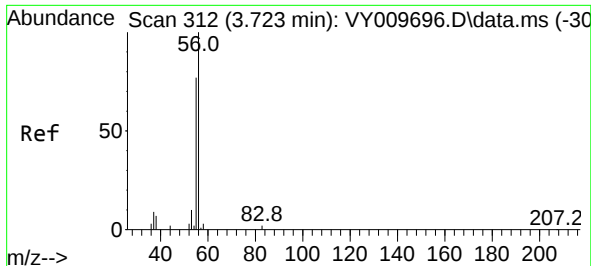
Tgt Ion: 59 Resp: 27073
Ion Ratio Lower Upper
59 100
57 8.1 6.4 9.6



#12
1,1-Dichloroethene
Concen: 20.611 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.006 min
Lab File: VY009695.D
Acq: 26 Jul 2022 12:26

Tgt Ion: 96 Resp: 40513
Ion Ratio Lower Upper
96 100
61 146.3 145.8 218.6
98 63.7 52.5 78.7

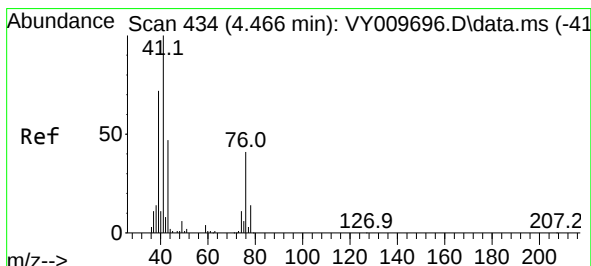
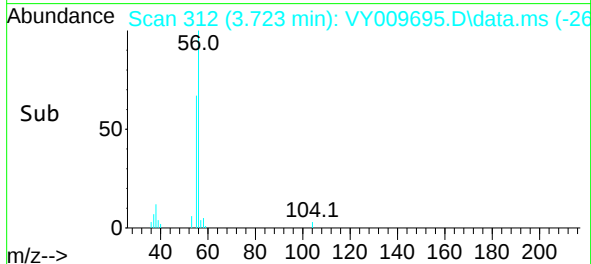
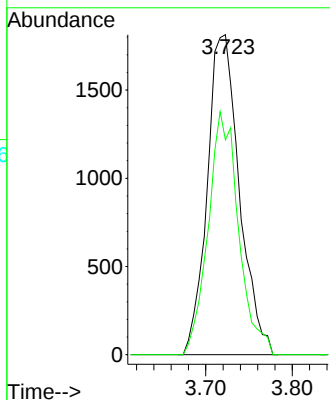
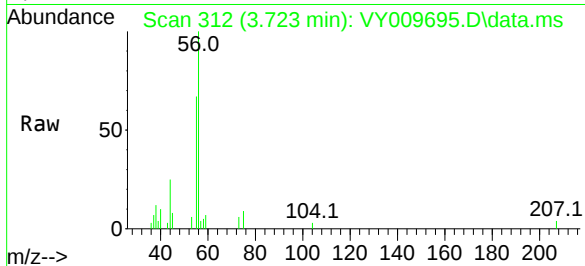




#13
Acrolein
Concen: 116.250 ug/l
RT: 3.723 min Scan# 312
Delta R.T. 0.000 min
Lab File: VY009695.D
Acq: 26 Jul 2022 12:26

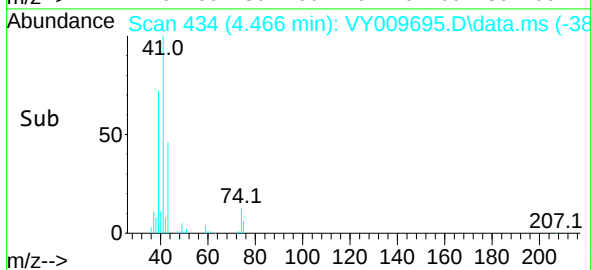
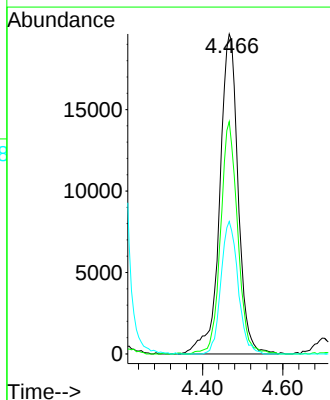
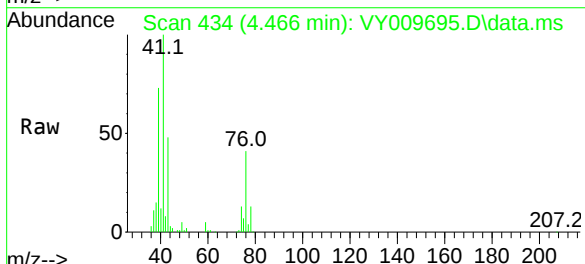
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

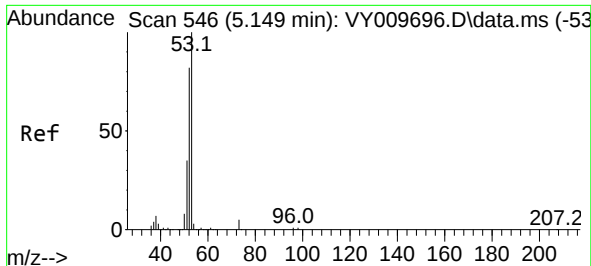
Tgt Ion: 56 Resp: 4689
Ion Ratio Lower Upper
56 100
55 71.7 57.6 86.4



#14
Allyl chloride
Concen: 20.272 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY009695.D
Acq: 26 Jul 2022 12:26

Tgt Ion: 41 Resp: 62600
Ion Ratio Lower Upper
41 100
39 67.4 58.8 88.2
76 38.5 25.1 37.7#

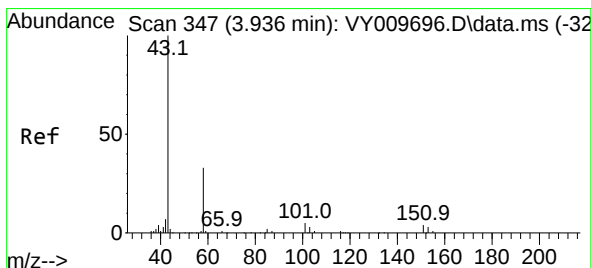
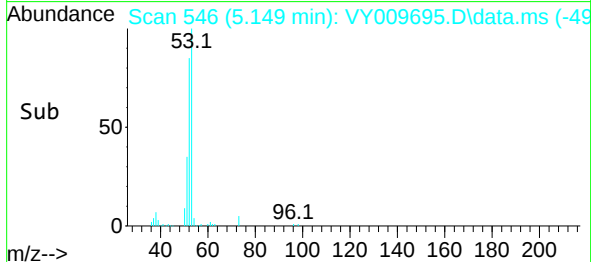
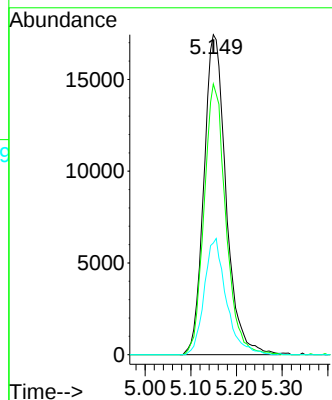
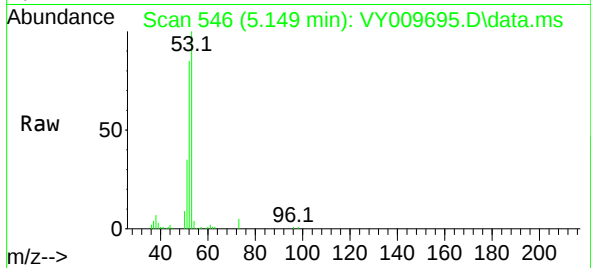




#15
Acrylonitrile
Concen: 100.308 ug/l
RT: 5.149 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY009695.D
Acq: 26 Jul 2022 12:26

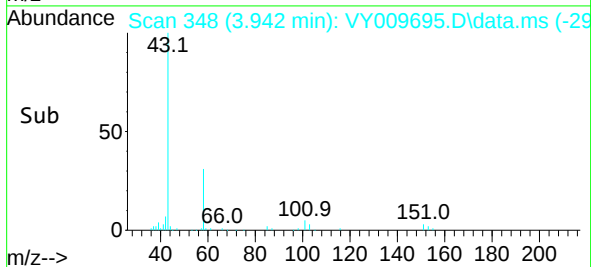
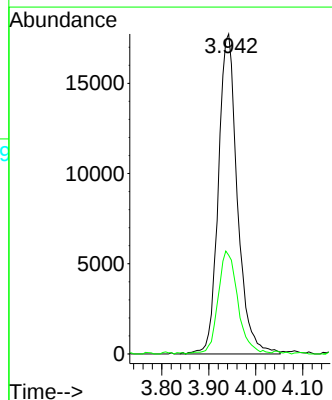
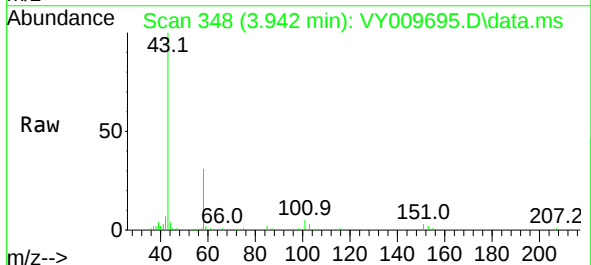
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

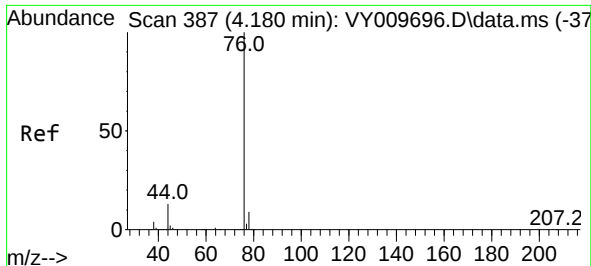
Tgt Ion: 53 Resp: 58780
Ion Ratio Lower Upper
53 100
52 82.7 67.0 100.4
51 36.0 29.8 44.6



#16
Acetone
Concen: 90.526 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009695.D
Acq: 26 Jul 2022 12:26

Tgt Ion: 43 Resp: 50026
Ion Ratio Lower Upper
43 100
58 30.5 22.0 33.0

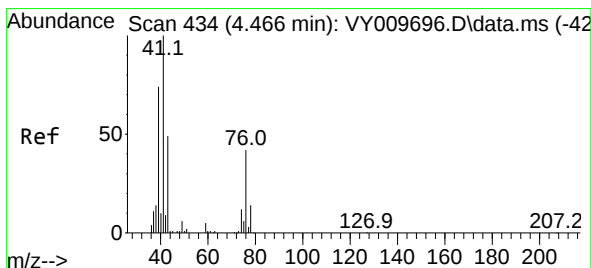
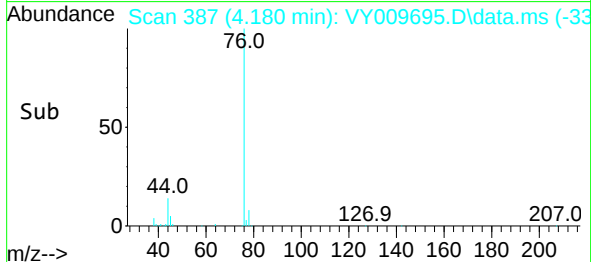
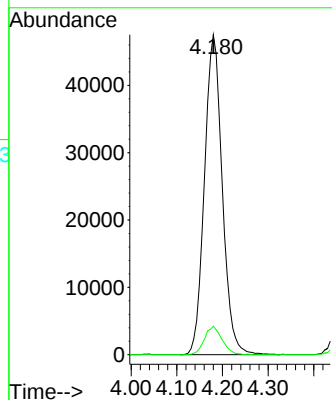
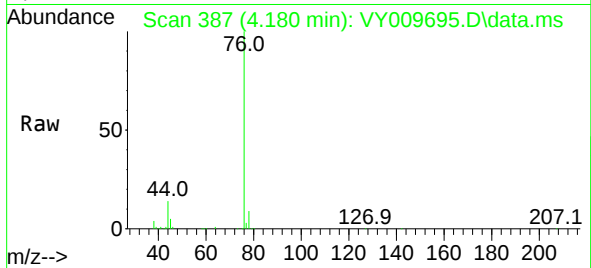




#17
Carbon Disulfide
Concen: 21.265 ug/l
RT: 4.180 min Scan# 387
Delta R.T. 0.000 min
Lab File: VY009695.D
Acq: 26 Jul 2022 12:26

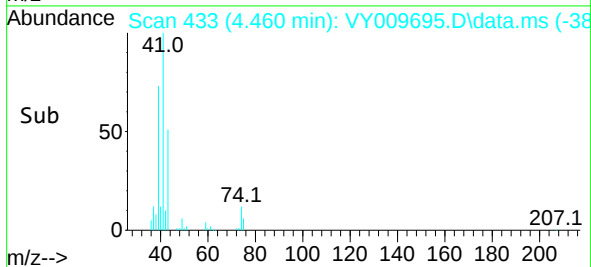
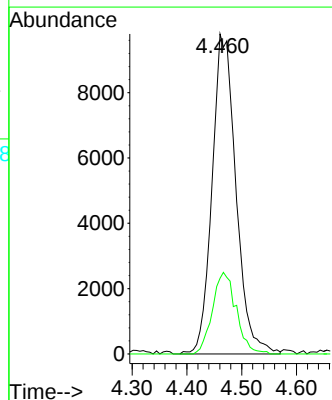
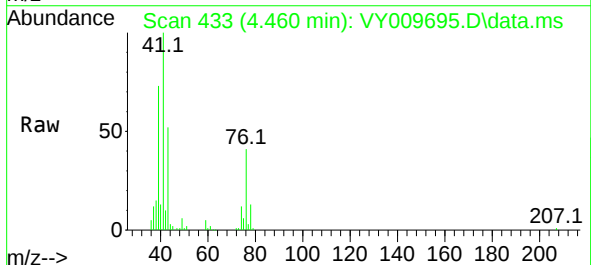
Instrument :
MSVOA_Y
ClientSampleId :
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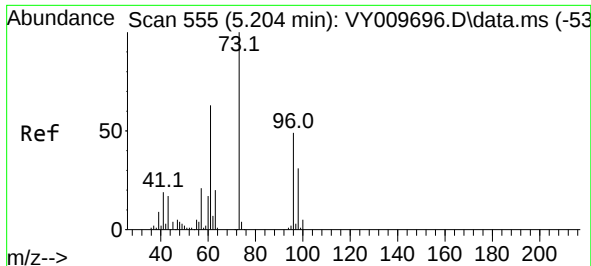
Tgt Ion: 76 Resp: 128521
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 18.281 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.006 min
Lab File: VY009695.D
Acq: 26 Jul 2022 12:26

Tgt Ion: 43 Resp: 29630
Ion Ratio Lower Upper
43 100
74 25.4 16.6 24.8#

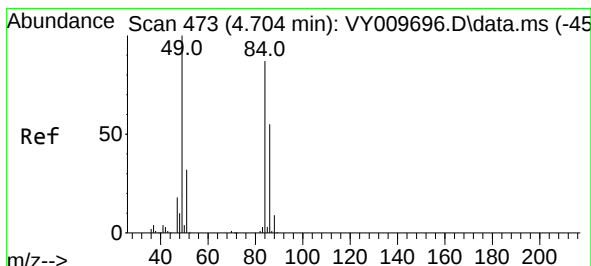
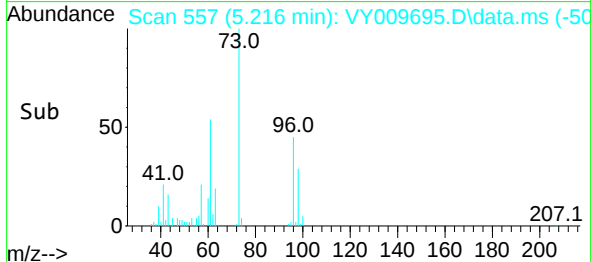
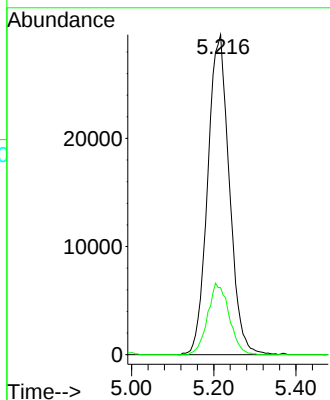
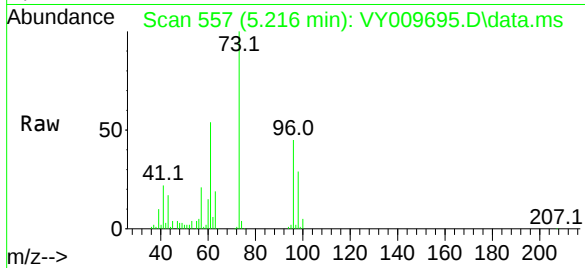




#19
Methyl tert-butyl Ether
Concen: 19.949 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY009695.D
Acq: 26 Jul 2022 12:26

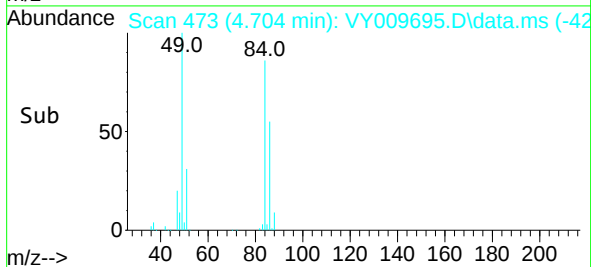
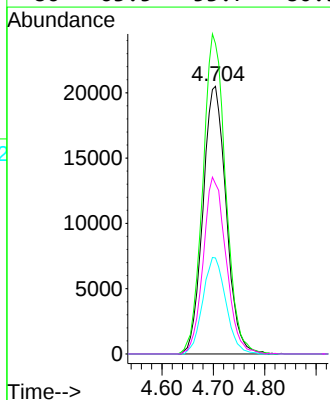
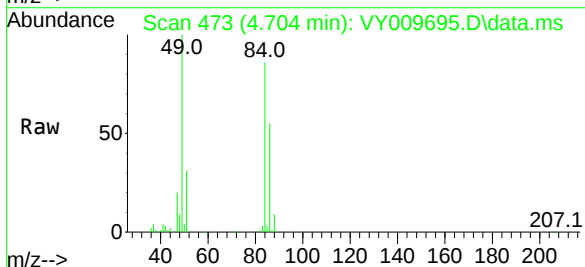
Instrument :
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ClientSampleId :
VSTDIC020

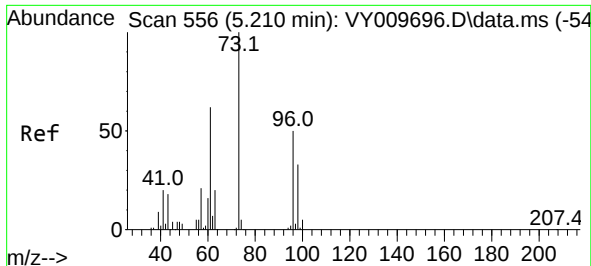
Tgt Ion: 73 Resp: 108052
Ion Ratio Lower Upper
73 100
57 21.0 18.6 27.8



#20
Methylene Chloride
Concen: 17.181 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY009695.D
Acq: 26 Jul 2022 12:26

Tgt Ion: 84 Resp: 64306
Ion Ratio Lower Upper
84 100
49 115.8 114.4 171.6
51 35.8 35.3 52.9
86 63.5 53.7 80.5

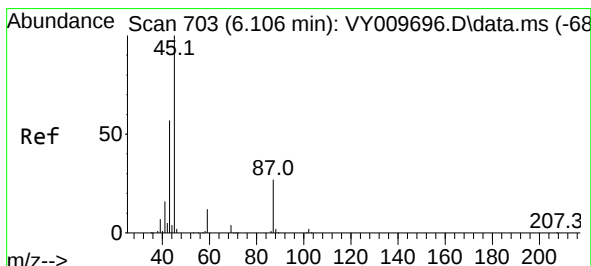
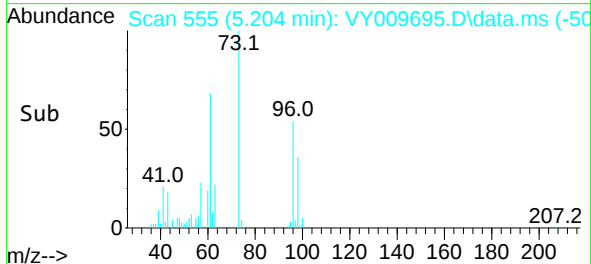
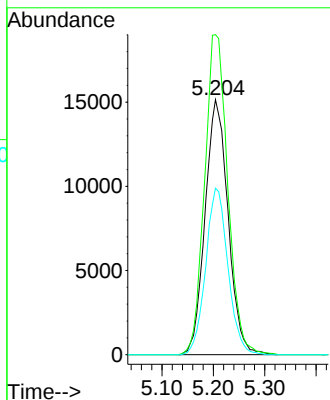
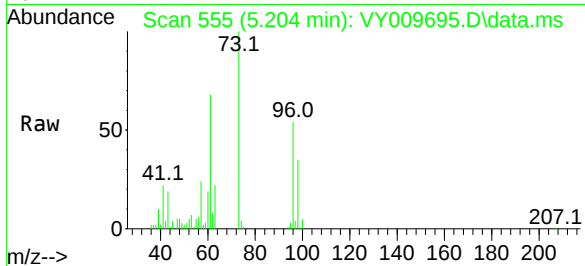




#21
trans-1,2-Dichloroethene
Concen: 20.510 ug/l
RT: 5.204 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY009695.D
Acq: 26 Jul 2022 12:26

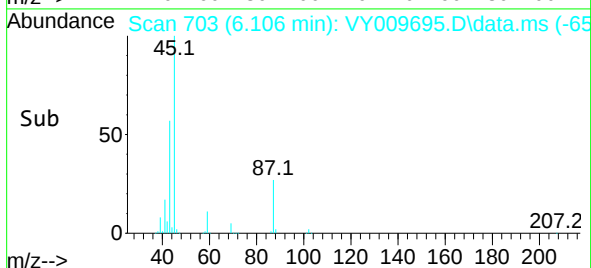
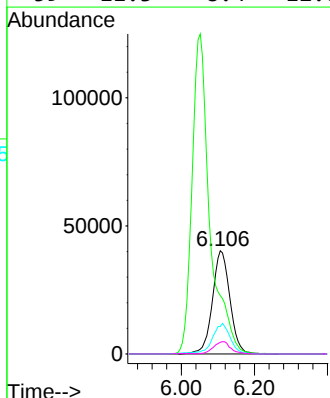
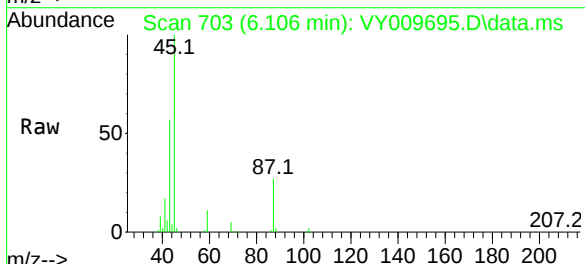
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

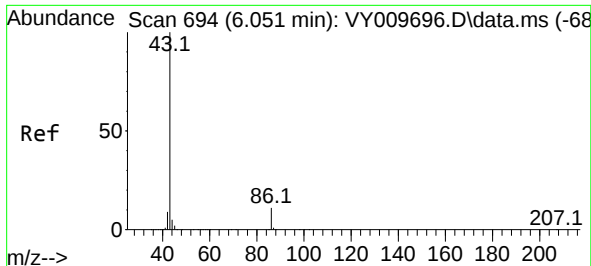
Tgt Ion: 96 Resp: 47159
Ion Ratio Lower Upper
96 100
61 125.5 120.5 180.7
98 65.3 49.8 74.8



#22
Diisopropyl ether
Concen: 20.268 ug/l
RT: 6.106 min Scan# 703
Delta R.T. 0.000 min
Lab File: VY009695.D
Acq: 26 Jul 2022 12:26

Tgt Ion: 45 Resp: 134180
Ion Ratio Lower Upper
45 100
43 56.4 49.3 73.9
87 26.8 19.2 28.8
59 11.3 8.4 12.6

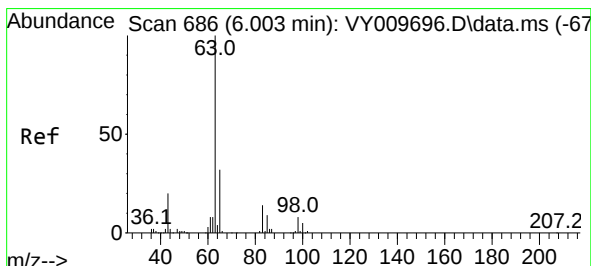
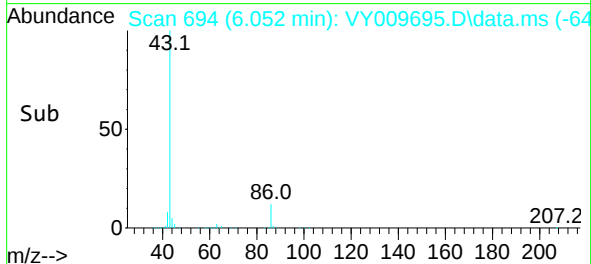
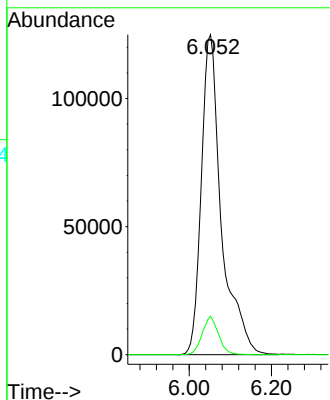
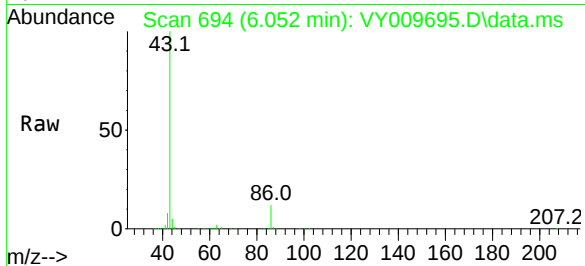




#23
 Vinyl Acetate
 Concen: 103.734 ug/l
 RT: 6.052 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY009695.D
 Acq: 26 Jul 2022 12:26

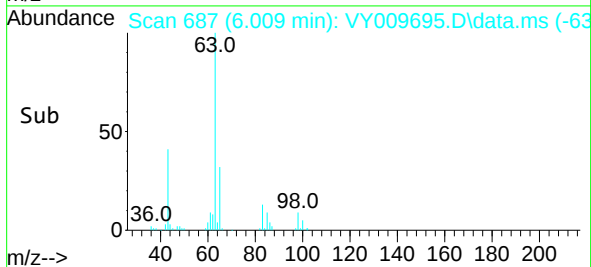
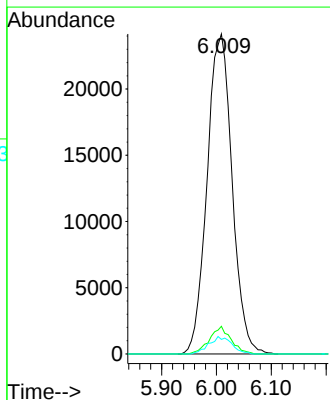
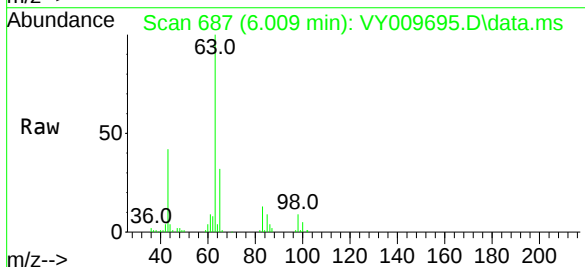
Instrument :
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 VSTDIC020

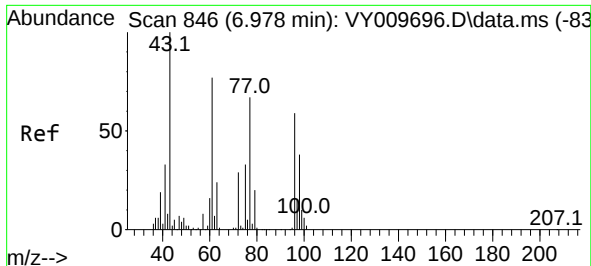
Tgt Ion: 43 Resp: 424094
 Ion Ratio Lower Upper
 43 100
 86 12.1 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 20.069 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.006 min
 Lab File: VY009695.D
 Acq: 26 Jul 2022 12:26

Tgt Ion: 63 Resp: 76608
 Ion Ratio Lower Upper
 63 100
 98 8.7 3.6 10.8
 100 4.5 2.0 5.8

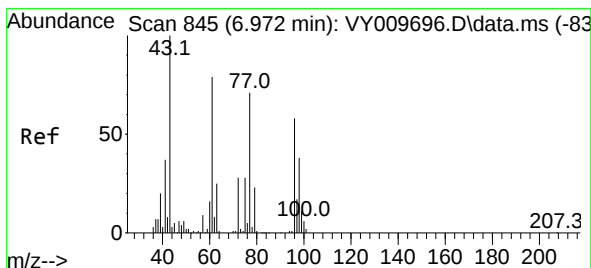
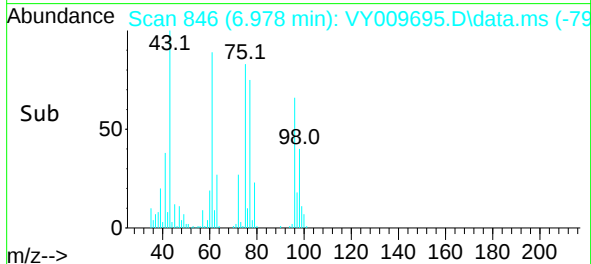
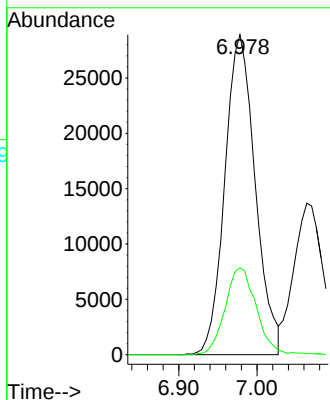
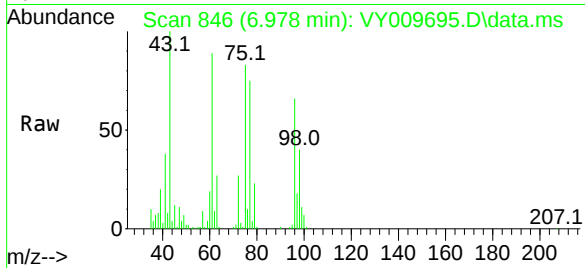




#25
2-Butanone
Concen: 95.479 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY009695.D
Acq: 26 Jul 2022 12:26

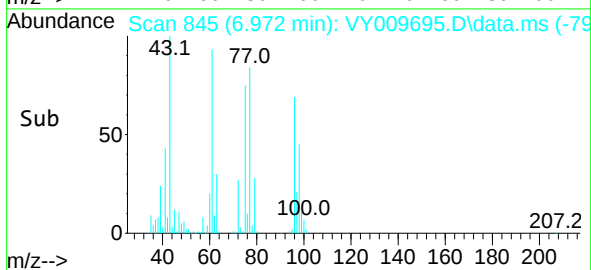
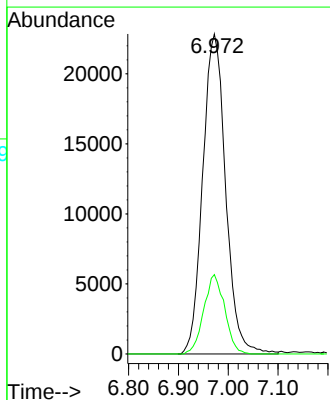
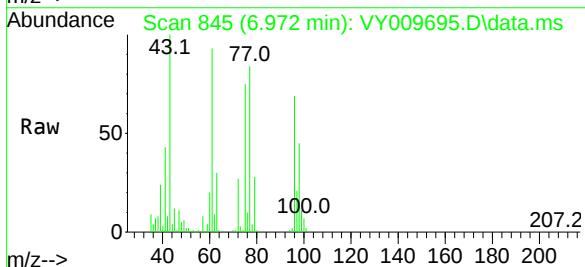
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

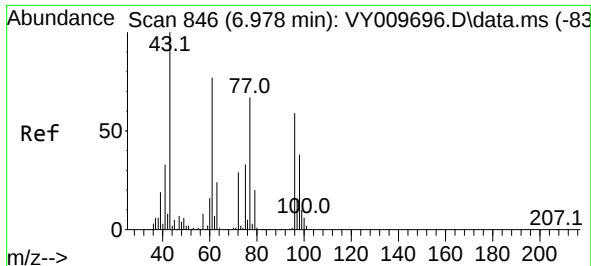
Tgt Ion: 43 Resp: 78046
Ion Ratio Lower Upper
43 100
72 27.2 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 20.118 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY009695.D
Acq: 26 Jul 2022 12:26

Tgt Ion: 77 Resp: 73030
Ion Ratio Lower Upper
77 100
97 22.6 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 20.335 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY009695.D

Acq: 26 Jul 2022 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

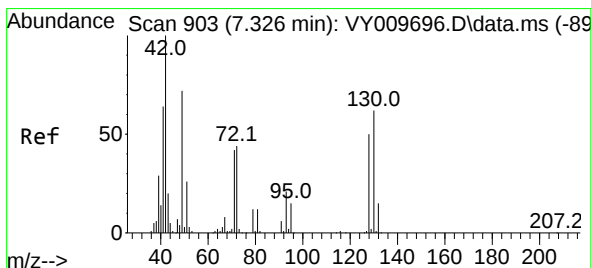
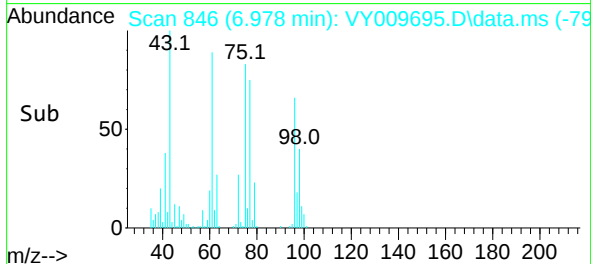
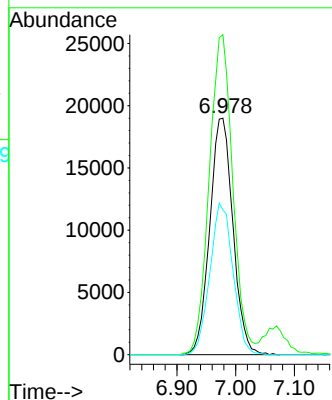
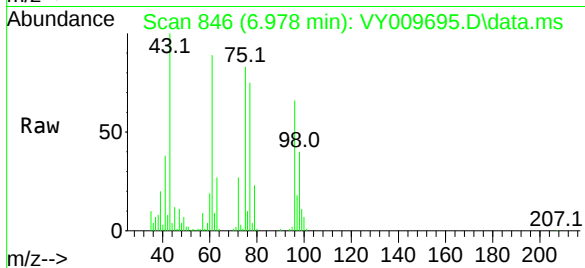
Tgt Ion: 96 Resp: 52117

Ion Ratio Lower Upper

96 100

61 137.2 0.0 319.8

98 63.9 0.0 127.0



#28

Bromochloromethane

Concen: 19.714 ug/l

RT: 7.326 min Scan# 903

Delta R.T. 0.000 min

Lab File: VY009695.D

Acq: 26 Jul 2022 12:26

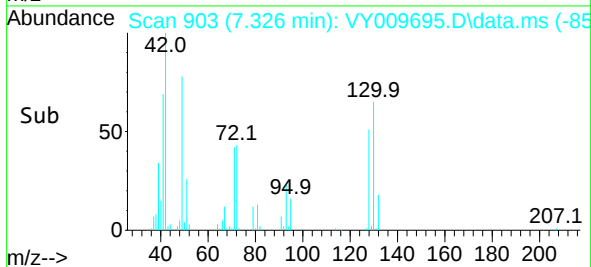
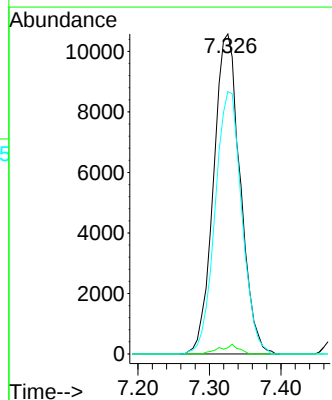
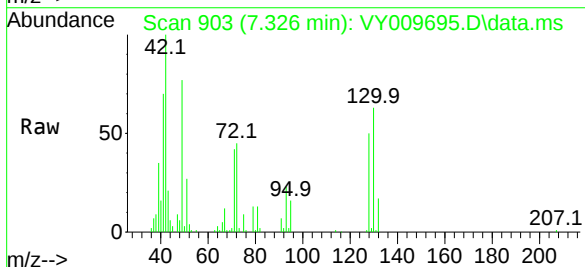
Tgt Ion: 49 Resp: 27351

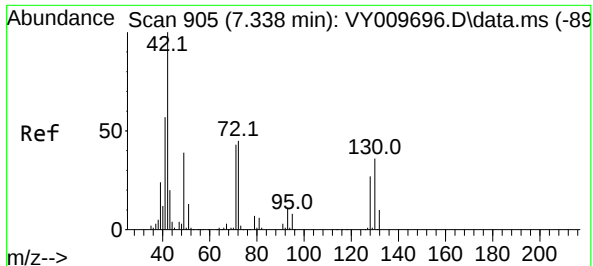
Ion Ratio Lower Upper

49 100

129 2.1 0.0 2.2

130 82.2 55.4 83.0





#29

Tetrahydrofuran

Concen: 100.936 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY009695.D

Acq: 26 Jul 2022 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

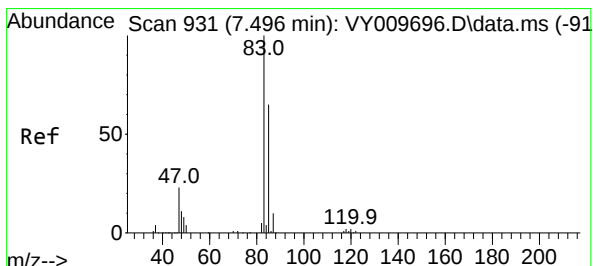
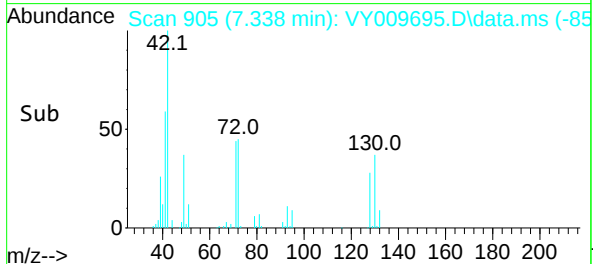
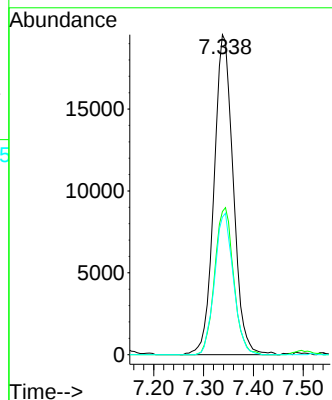
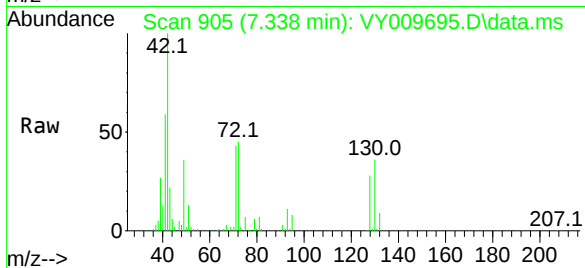
Tgt Ion: 42 Resp: 52356

Ion Ratio Lower Upper

42 100

72 45.2 30.3 45.5

71 43.0 29.0 43.4



#30

Chloroform

Concen: 20.167 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.000 min

Lab File: VY009695.D

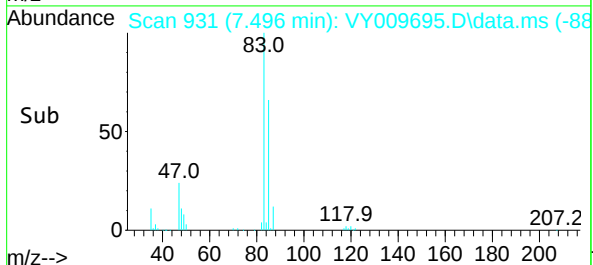
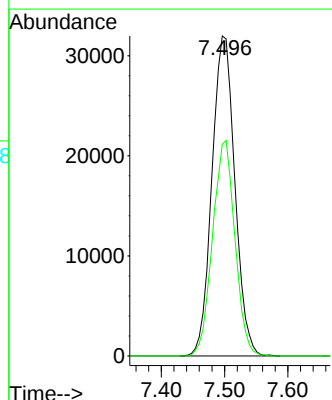
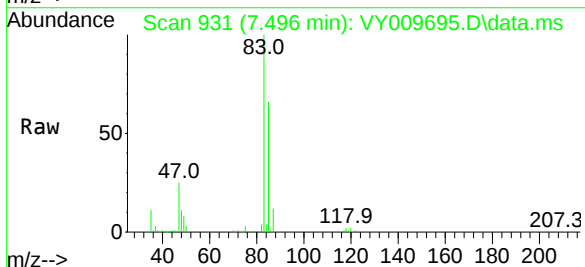
Acq: 26 Jul 2022 12:26

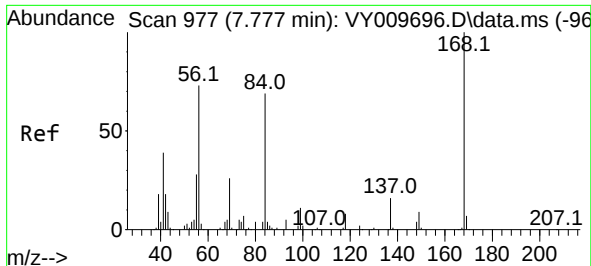
Tgt Ion: 83 Resp: 80415

Ion Ratio Lower Upper

83 100

85 66.1 51.8 77.6

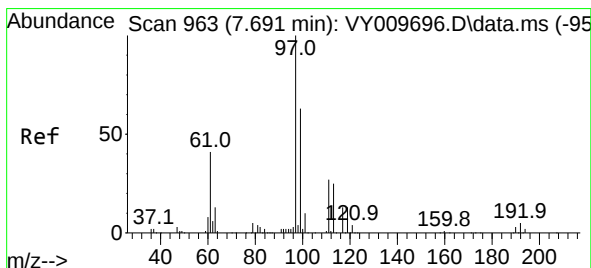
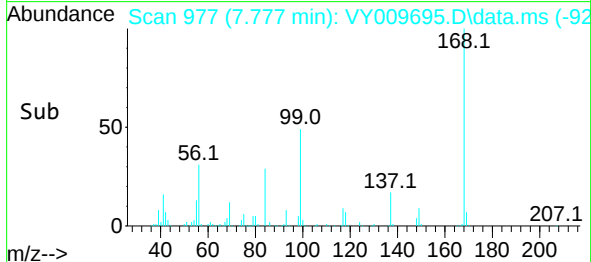
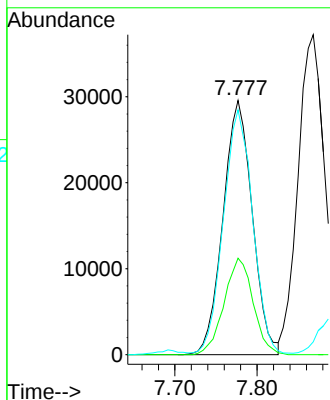
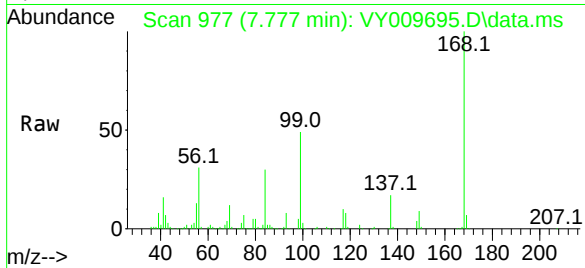




#31
Cyclohexane
Concen: 20.094 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009695.D
Acq: 26 Jul 2022 12:26

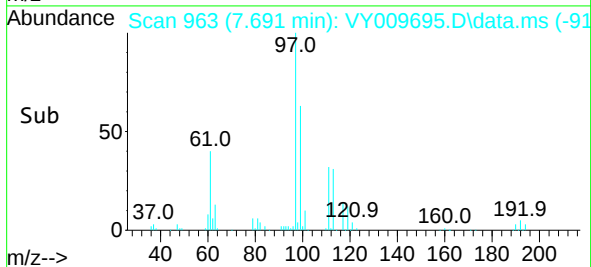
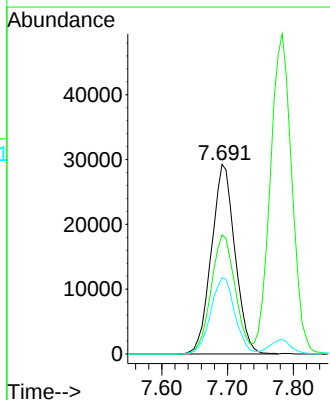
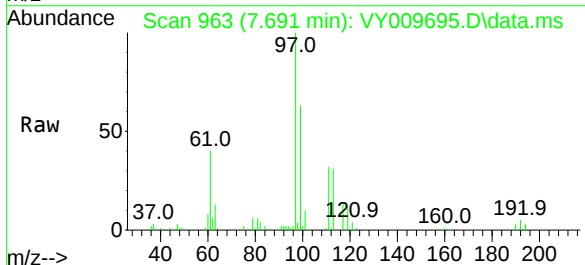
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

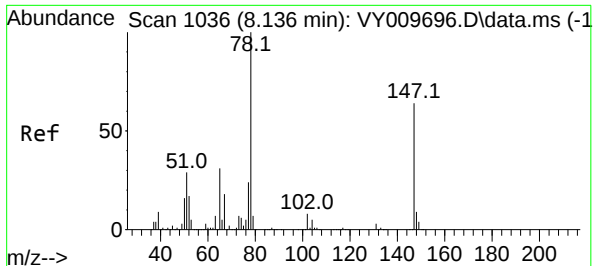
Tgt Ion: 56 Resp: 73399
Ion Ratio Lower Upper
56 100
69 38.0 26.7 40.1
84 95.4 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 20.308 ug/l
RT: 7.691 min Scan# 963
Delta R.T. 0.000 min
Lab File: VY009695.D
Acq: 26 Jul 2022 12:26

Tgt Ion: 97 Resp: 73022
Ion Ratio Lower Upper
97 100
99 63.9 50.7 76.1
61 41.2 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 24.403 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY009695.D

Acq: 26 Jul 2022 12:26

Instrument :

MSVOA_Y

ClientSampleId :

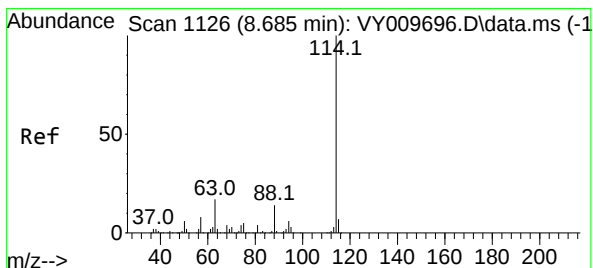
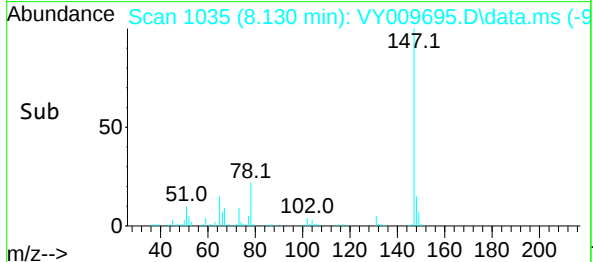
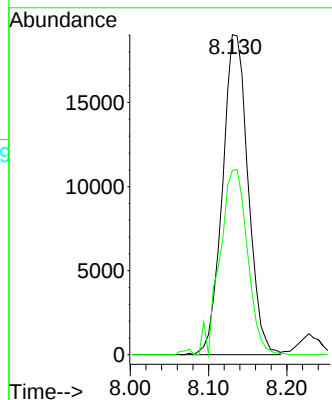
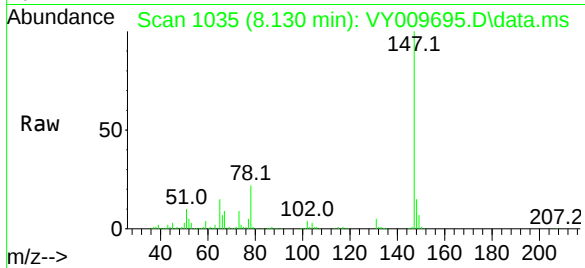
VSTDIC020

Tgt Ion: 65 Resp: 43202

Ion Ratio Lower Upper

65 100

67 62.3 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: VY009695.D

Acq: 26 Jul 2022 12:26

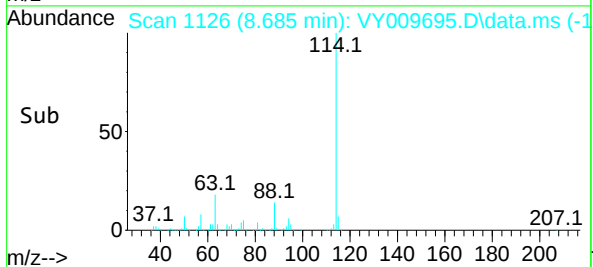
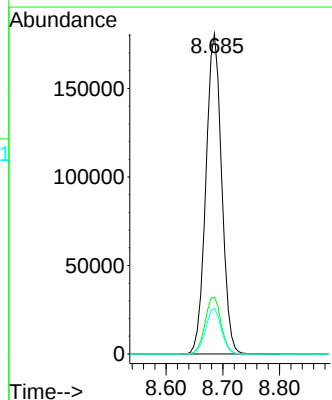
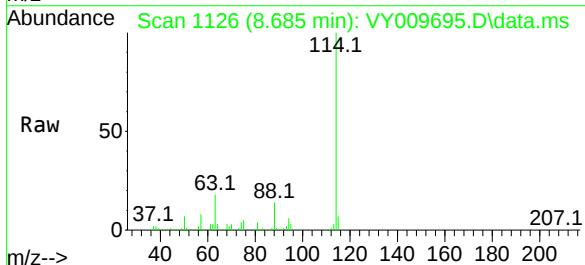
Tgt Ion: 114 Resp: 348654

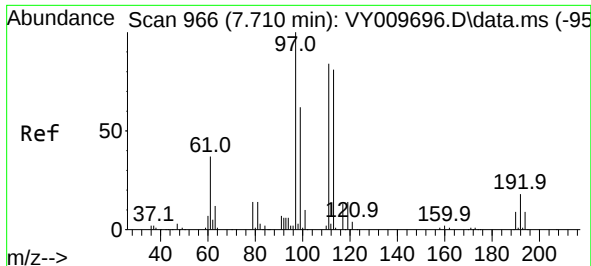
Ion Ratio Lower Upper

114 100

63 17.8 0.0 43.2

88 14.2 0.0 31.8

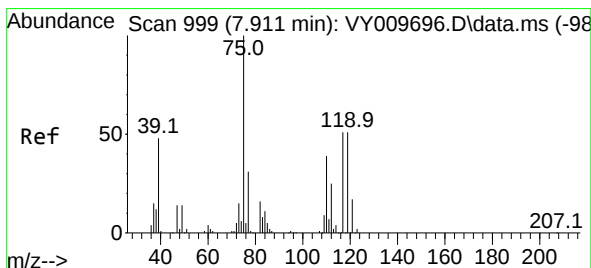
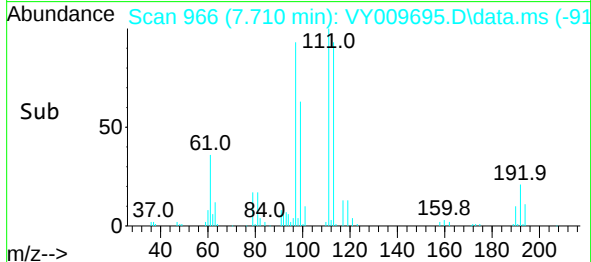
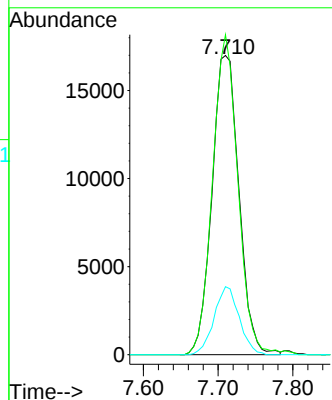
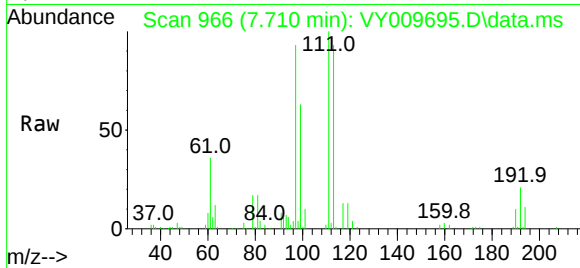




#35
Dibromofluoromethane
Concen: 22.433 ug/l
RT: 7.710 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY009695.D
Acq: 26 Jul 2022 12:26

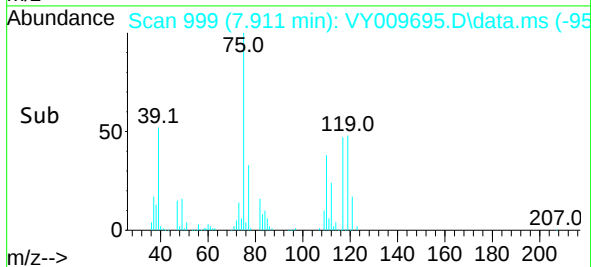
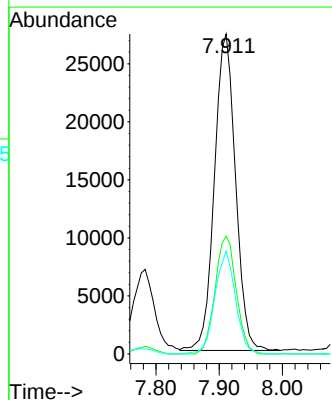
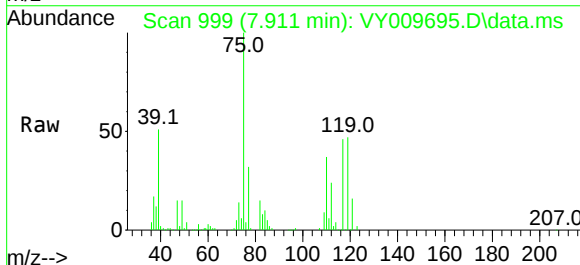
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

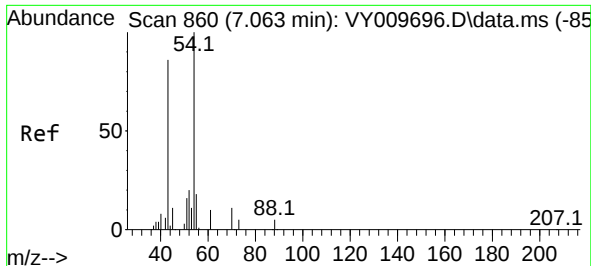
Tgt Ion:113 Resp: 42636
Ion Ratio Lower Upper
113 100
111 100.7 82.6 124.0
192 21.1 17.6 26.4



#36
1,1-Dichloropropene
Concen: 20.225 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY009695.D
Acq: 26 Jul 2022 12:26

Tgt Ion: 75 Resp: 63116
Ion Ratio Lower Upper
75 100
110 37.1 17.1 51.2
77 31.6 24.4 36.6





#37

Ethyl Acetate

Concen: 19.905 ug/l

RT: 7.064 min Scan# 8

Delta R.T. 0.000 min

Lab File: VY009695.D

Acq: 26 Jul 2022 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

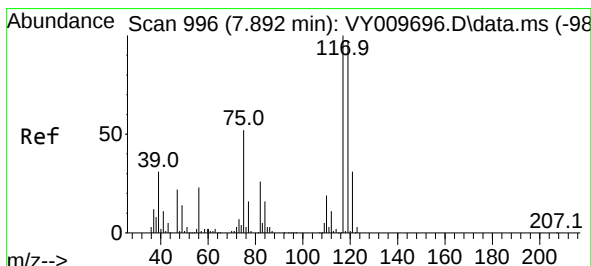
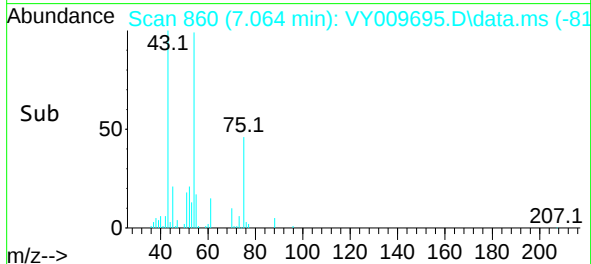
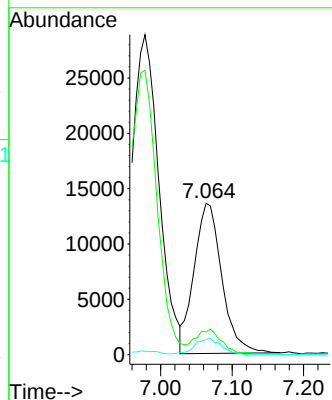
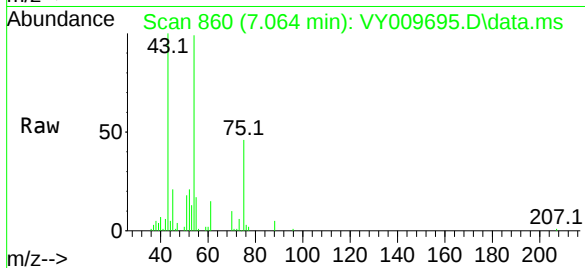
Tgt Ion: 43 Resp: 36530

Ion Ratio Lower Upper

43 100

61 15.5 9.7 14.5#

70 10.4 7.1 10.7



#38

Carbon Tetrachloride

Concen: 20.009 ug/l

RT: 7.893 min Scan# 996

Delta R.T. 0.000 min

Lab File: VY009695.D

Acq: 26 Jul 2022 12:26

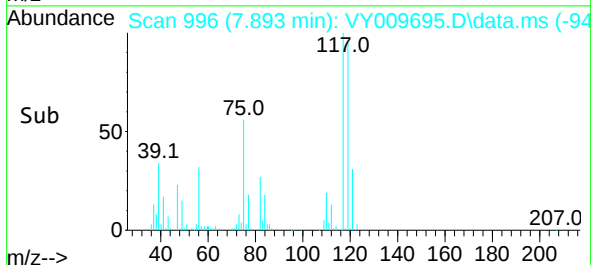
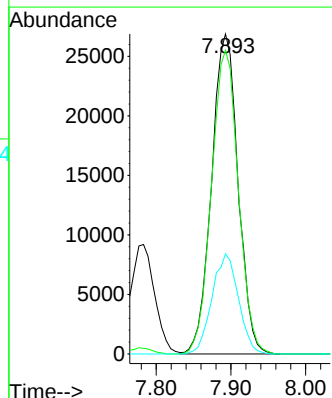
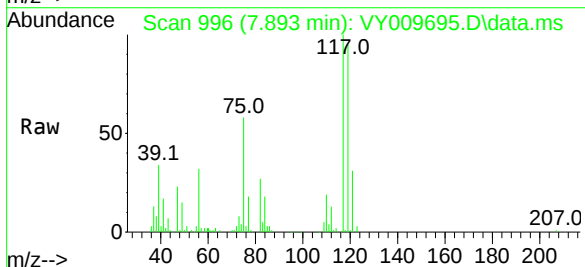
Tgt Ion: 117 Resp: 66128

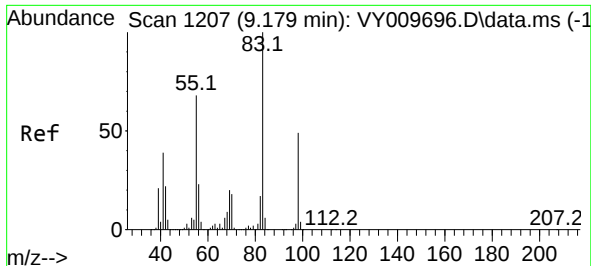
Ion Ratio Lower Upper

117 100

119 94.9 77.9 116.9

121 31.3 24.8 37.2





#39

Methylcyclohexane

Concen: 19.964 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009695.D

Acq: 26 Jul 2022 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

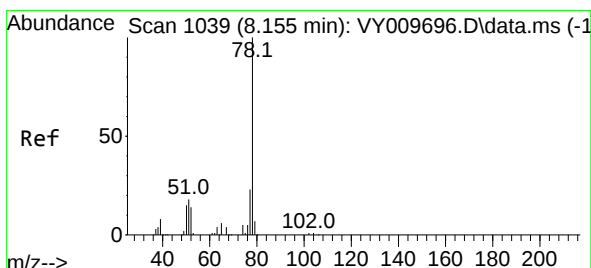
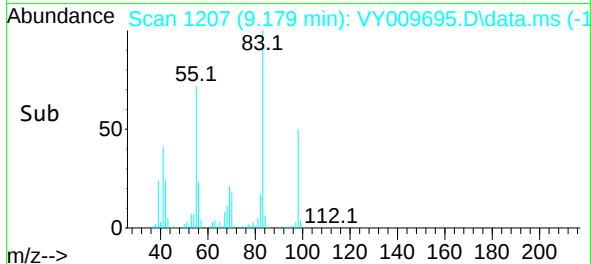
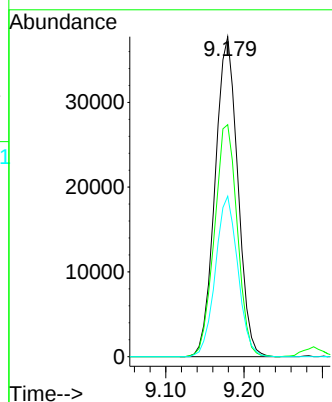
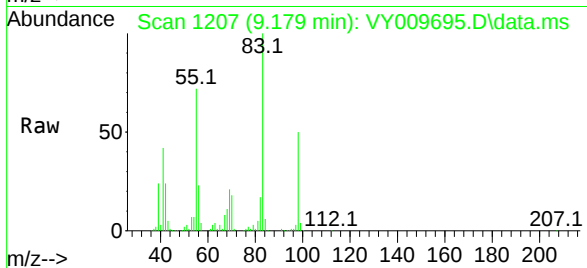
Tgt Ion: 83 Resp: 75890

Ion Ratio Lower Upper

83 100

55 72.5 66.5 99.7

98 50.2 37.9 56.9



#40

Benzene

Concen: 20.469 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY009695.D

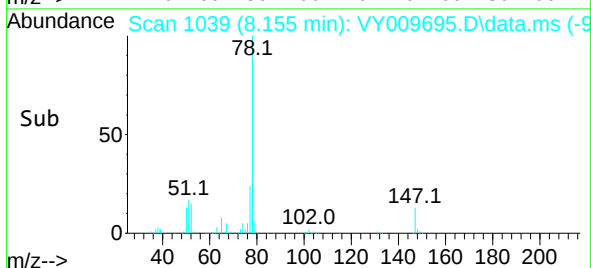
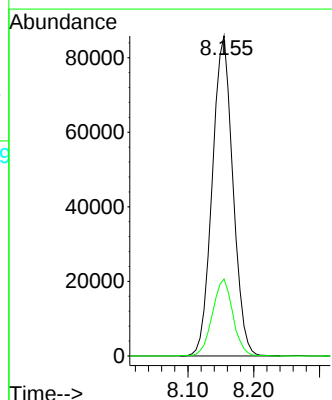
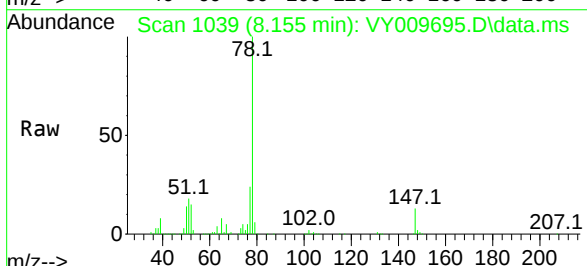
Acq: 26 Jul 2022 12:26

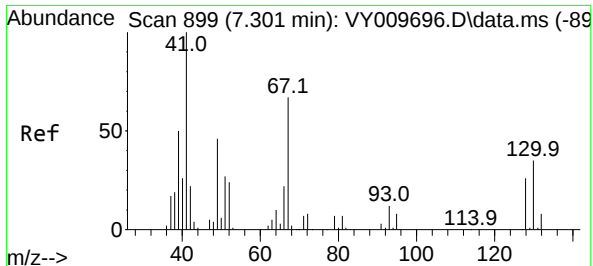
Tgt Ion: 78 Resp: 187328

Ion Ratio Lower Upper

78 100

77 24.0 20.4 30.6

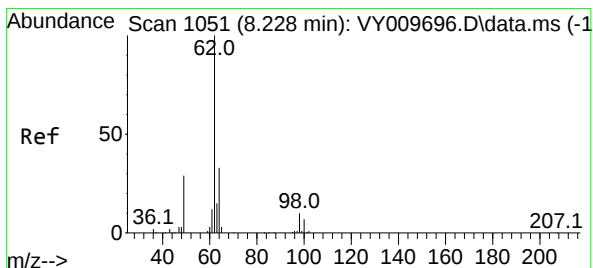
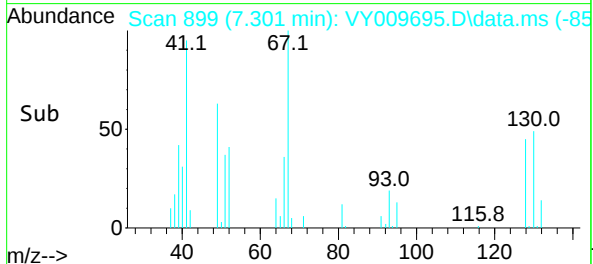
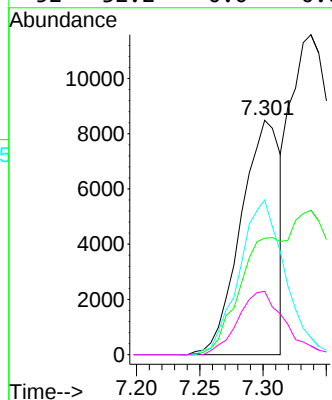
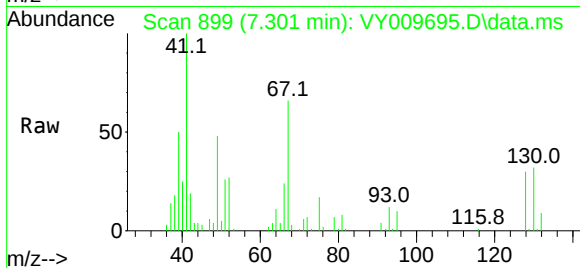




#41
Methacrylonitrile
Concen: 19.477 ug/l
RT: 7.301 min Scan# 899
Delta R.T. 0.000 min
Lab File: VY009695.D
Acq: 26 Jul 2022 12:26

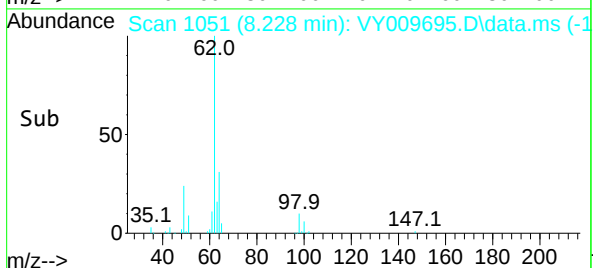
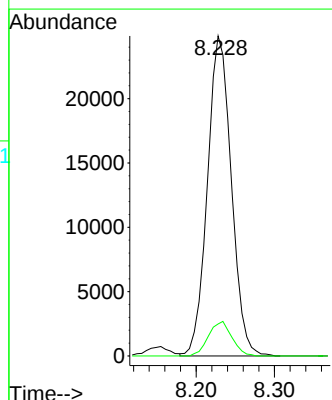
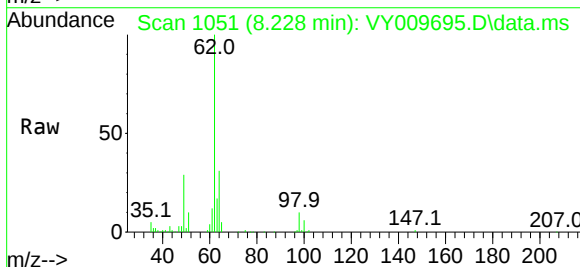
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

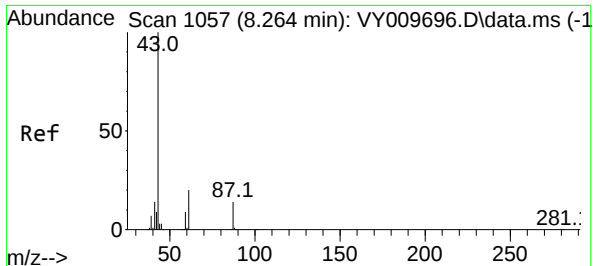
Tgt Ion: 41 Resp: 18347
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 77.2 0.0 0.0#
52 32.2 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 20.731 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VY009695.D
Acq: 26 Jul 2022 12:26

Tgt Ion: 62 Resp: 52816
Ion Ratio Lower Upper
62 100
98 10.6 0.0 14.8





#43

Isopropyl Acetate

Concen: 20.048 ug/l

RT: 8.265 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VY009695.D

Acq: 26 Jul 2022 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

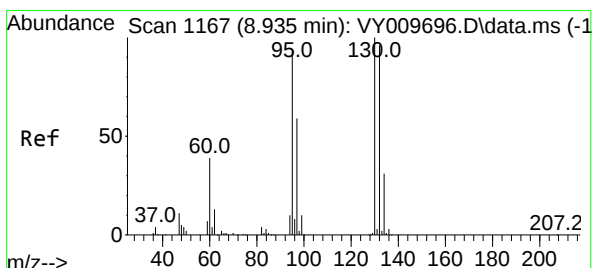
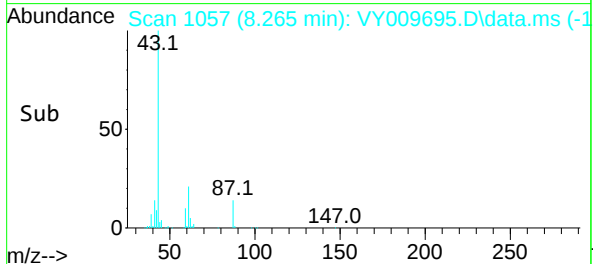
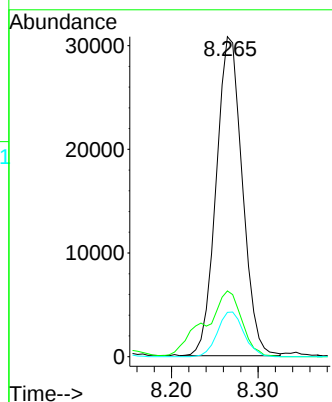
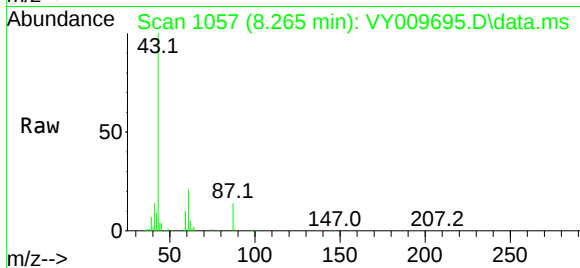
Tgt Ion: 43 Resp: 64556

Ion Ratio Lower Upper

43 100

61 29.3 20.2 30.2

87 14.1 8.9 13.3#



#44

Trichloroethene

Concen: 20.271 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VY009695.D

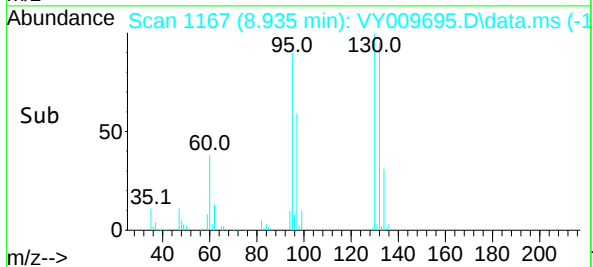
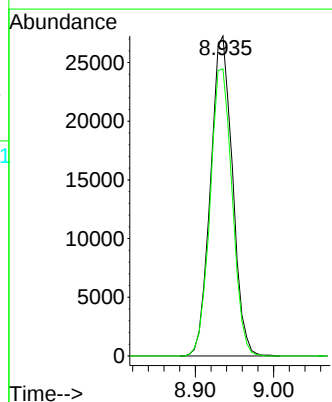
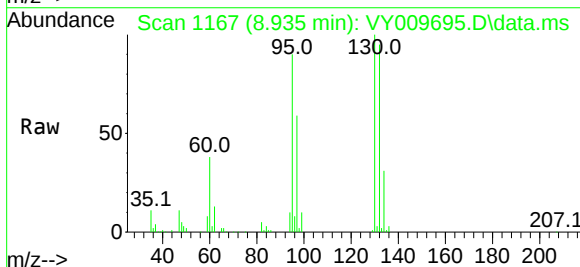
Acq: 26 Jul 2022 12:26

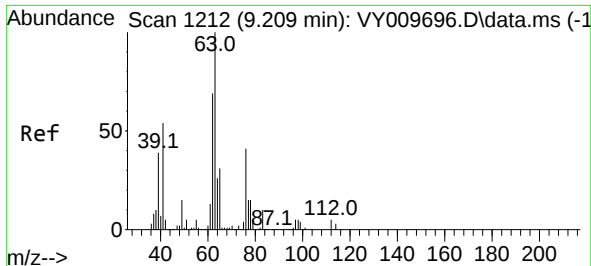
Tgt Ion:130 Resp: 53131

Ion Ratio Lower Upper

130 100

95 89.8 0.0 188.2





#45

1,2-Dichloropropane

Concen: 19.878 ug/l

RT: 9.210 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY009695.D

Acq: 26 Jul 2022 12:26

Instrument :

MSVOA_Y

ClientSampleId :

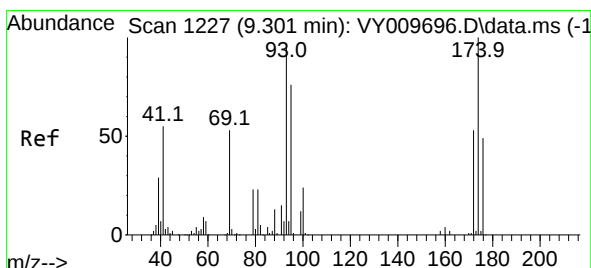
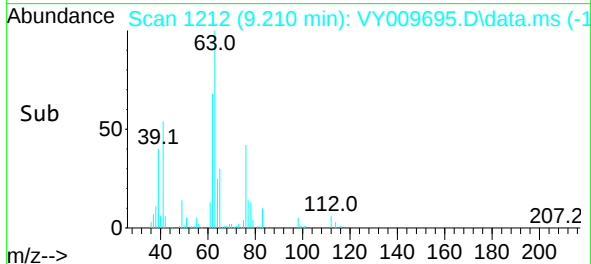
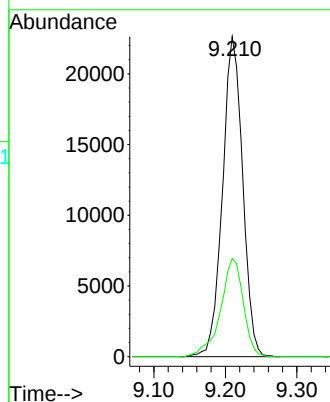
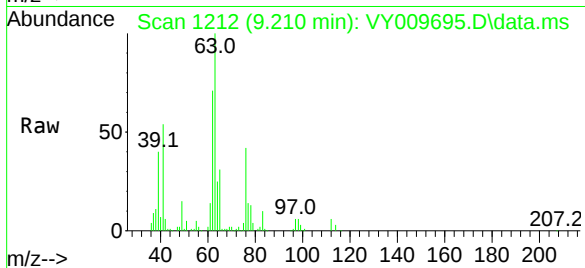
VSTDIC020

Tgt Ion: 63 Resp: 44258

Ion Ratio Lower Upper

63 100

65 30.6 23.0 34.6



#46

Dibromomethane

Concen: 20.477 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY009695.D

Acq: 26 Jul 2022 12:26

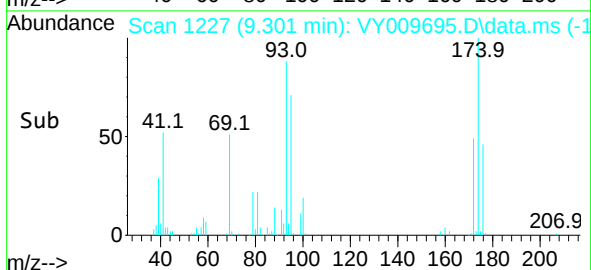
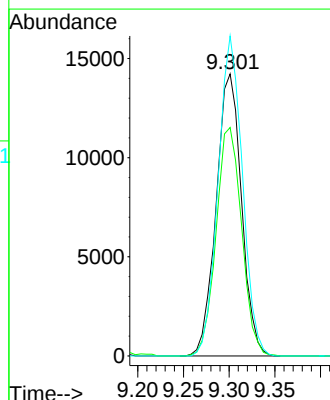
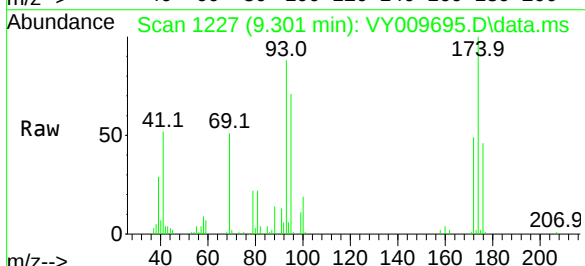
Tgt Ion: 93 Resp: 27432

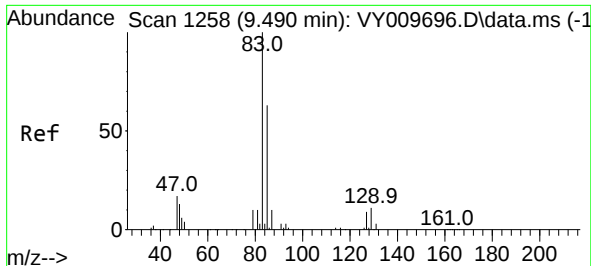
Ion Ratio Lower Upper

93 100

95 81.7 64.3 96.5

174 108.8 83.4 125.0

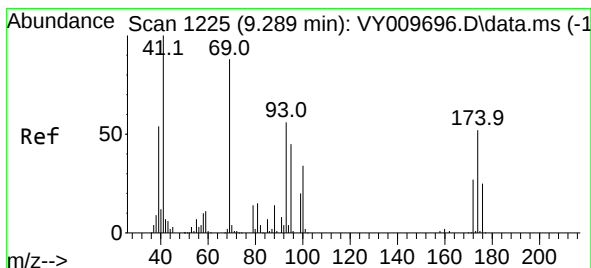
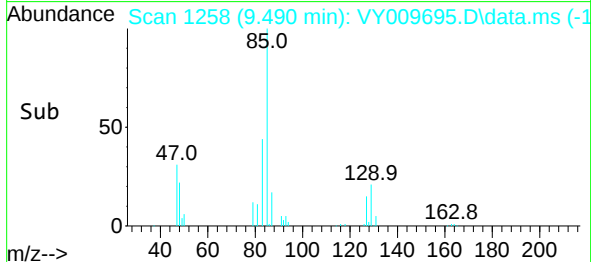
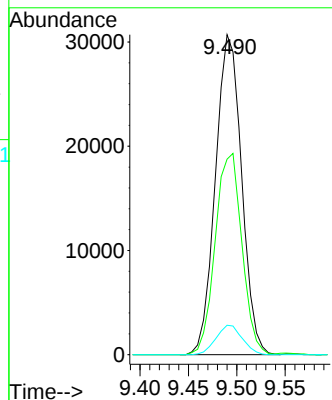
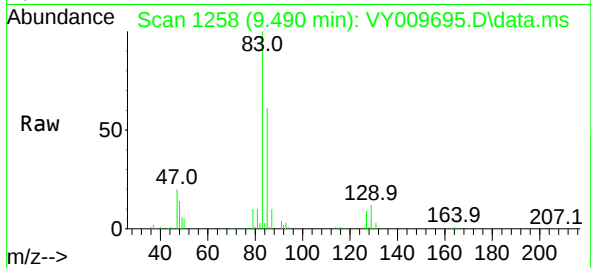




#47
Bromodichloromethane
Concen: 18.927 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VY009695.D
Acq: 26 Jul 2022 12:26

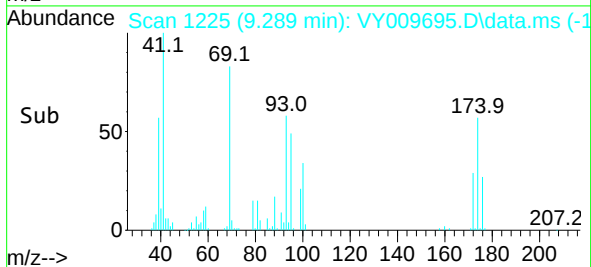
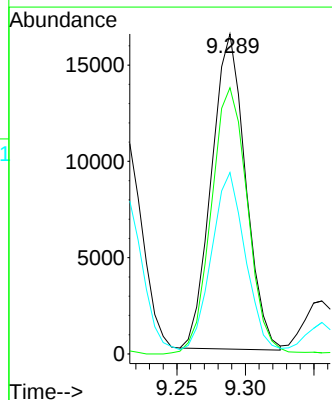
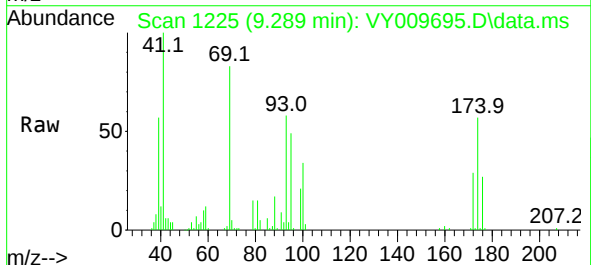
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

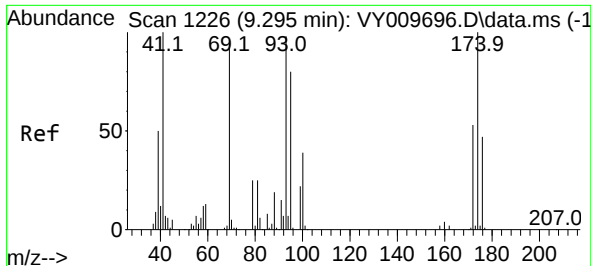
Tgt Ion: 83 Resp: 57823
Ion Ratio Lower Upper
83 100
85 61.1 51.9 77.9
127 9.2 6.6 10.0



#48
Methyl methacrylate
Concen: 19.982 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY009695.D
Acq: 26 Jul 2022 12:26

Tgt Ion: 41 Resp: 28287
Ion Ratio Lower Upper
41 100
69 90.4 58.2 87.2#
39 55.7 47.4 71.0





#49

1,4-Dioxane

Concen: 423.413 ug/l

RT: 9.289 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY009695.D

Acq: 26 Jul 2022 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

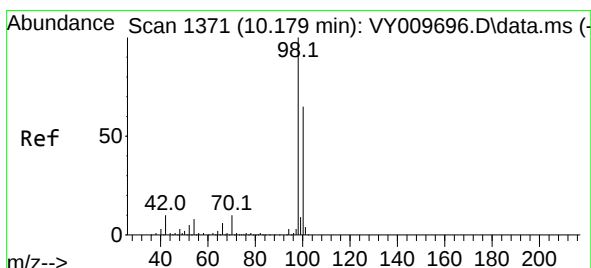
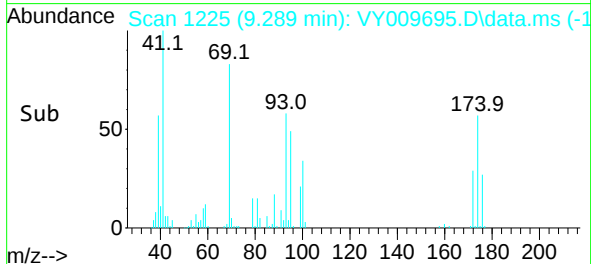
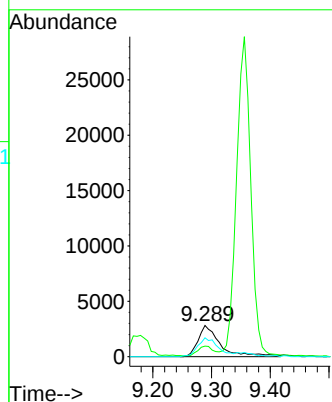
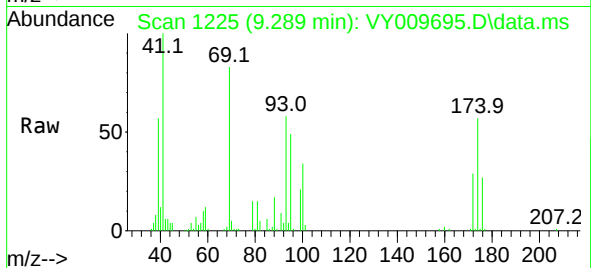
Tgt Ion: 88 Resp: 7372

Ion Ratio Lower Upper

88 100

43 23.2 32.8 49.2#

58 55.3 59.8 89.6#



#50

Toluene-d8

Concen: 24.432 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.006 min

Lab File: VY009695.D

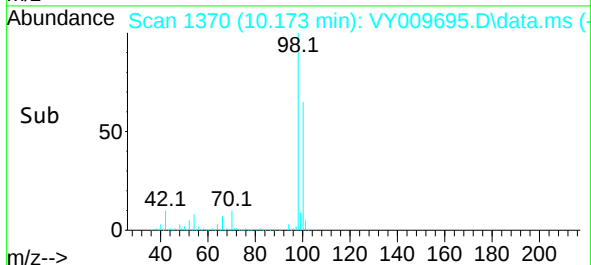
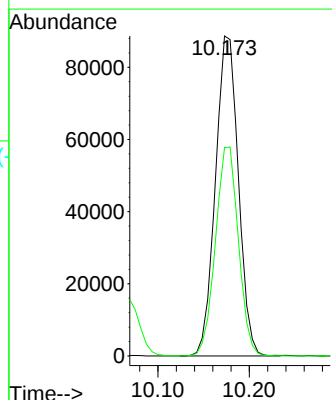
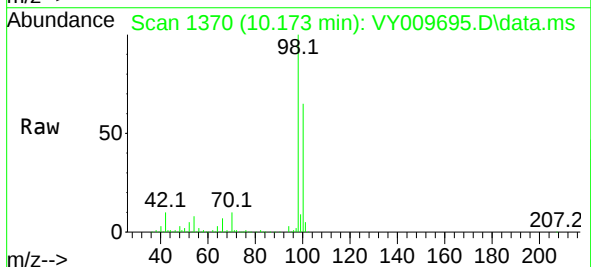
Acq: 26 Jul 2022 12:26

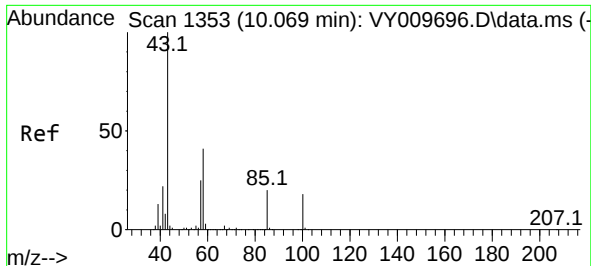
Tgt Ion: 98 Resp: 154911

Ion Ratio Lower Upper

98 100

100 65.4 50.2 75.2

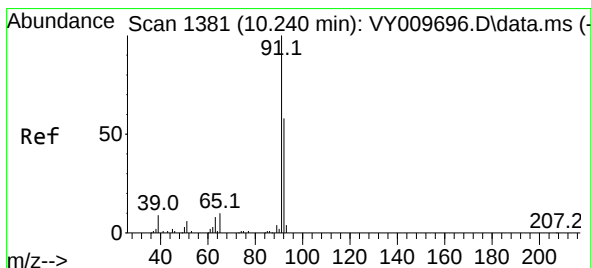
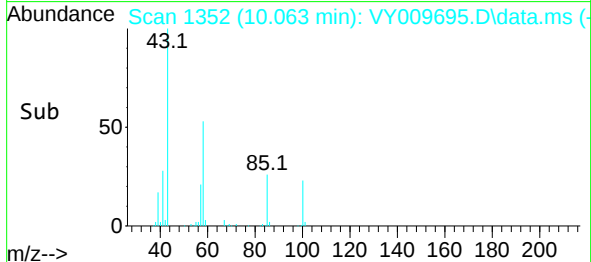
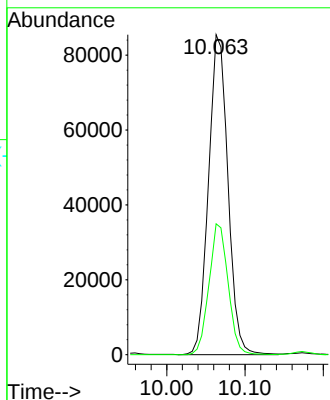
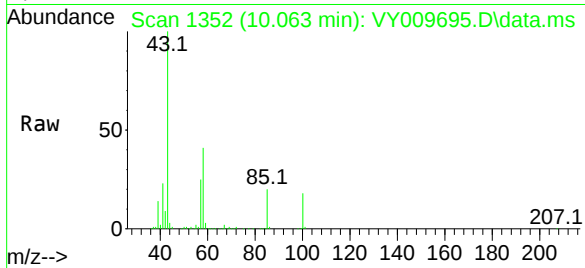




#51
4-Methyl-2-Pentanone
Concen: 89.476 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.006 min
Lab File: VY009695.D
Acq: 26 Jul 2022 12:26

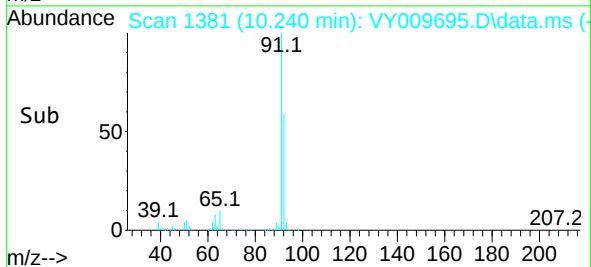
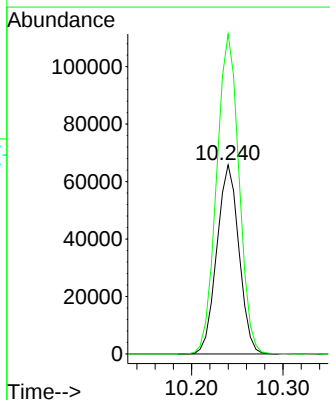
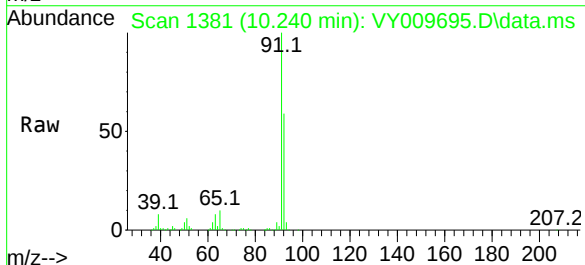
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 147059
Ion Ratio Lower Upper
43 100
58 40.3 28.1 42.1



#52
Toluene
Concen: 19.358 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY009695.D
Acq: 26 Jul 2022 12:26

Tgt Ion: 92 Resp: 110614
Ion Ratio Lower Upper
92 100
91 171.6 142.6 213.8

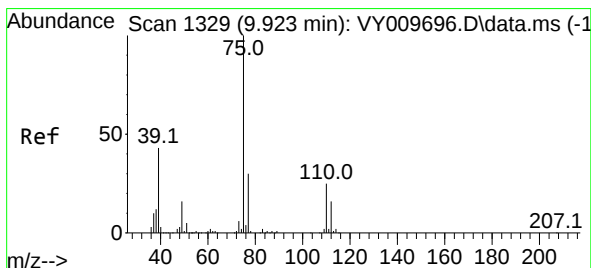
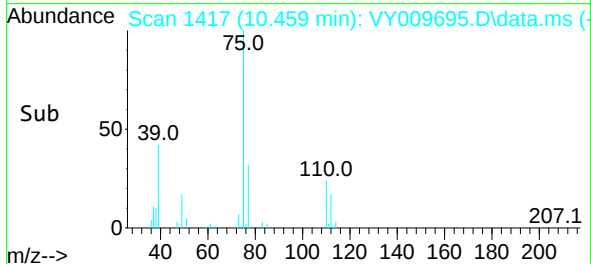
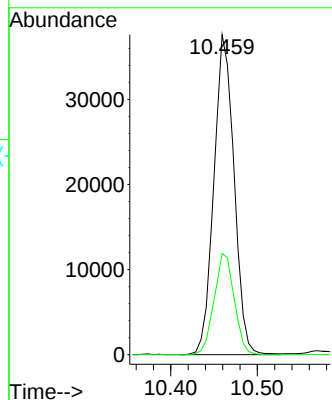
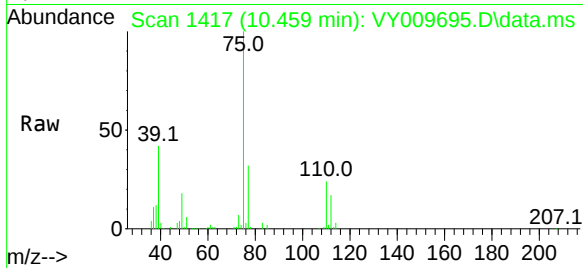




#53
t-1,3-Dichloropropene
Concen: 19.382 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VY009695.D
Acq: 26 Jul 2022 12:26

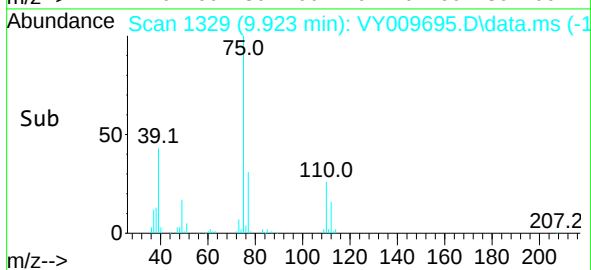
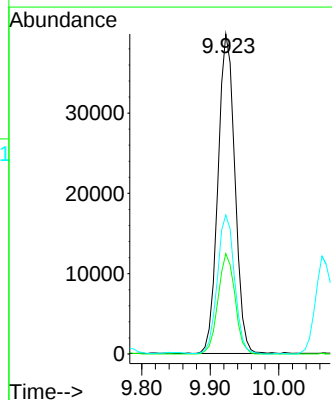
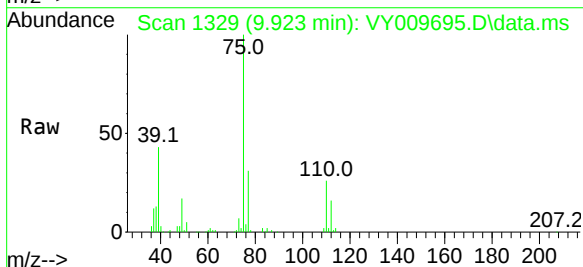
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

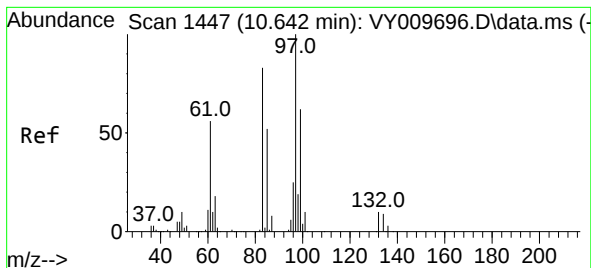
Tgt Ion: 75 Resp: 60883
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 18.793 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. 0.000 min
Lab File: VY009695.D
Acq: 26 Jul 2022 12:26

Tgt Ion: 75 Resp: 67996
Ion Ratio Lower Upper
75 100
77 31.4 25.6 38.4
39 43.5 47.6 71.4#

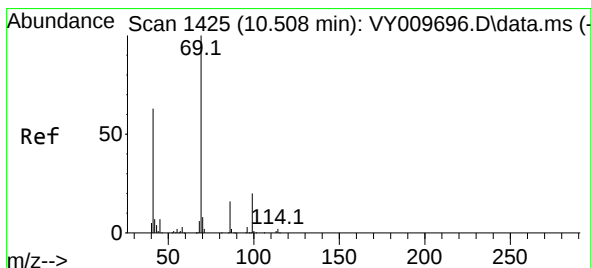
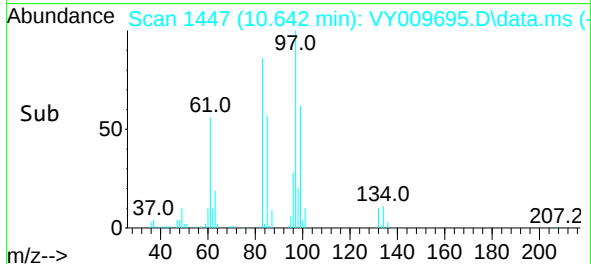
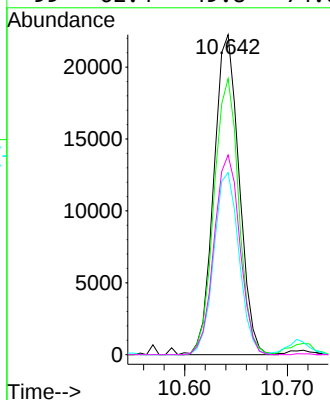
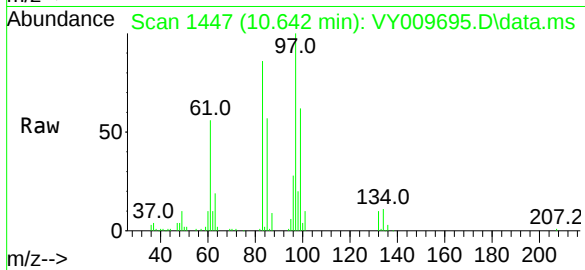




#55
1,1,2-Trichloroethane
Concen: 20.241 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY009695.D
Acq: 26 Jul 2022 12:26

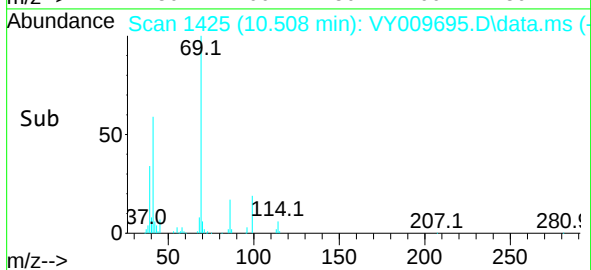
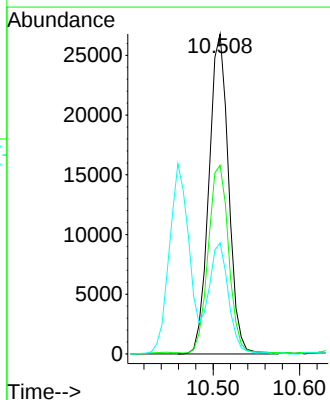
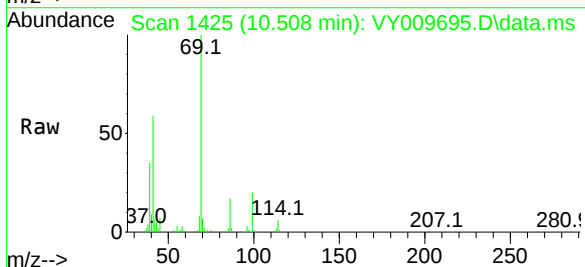
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

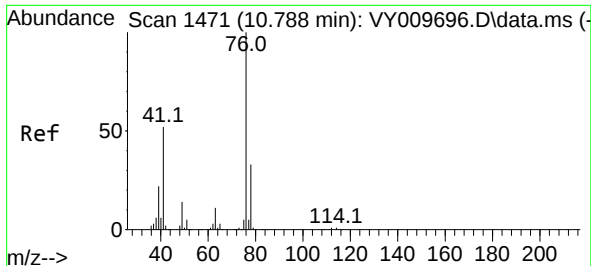
Tgt Ion: 97	Resp: 37930
Ion Ratio	Lower Upper
97 100	
83 86.3	69.8 104.8
85 56.9	44.3 66.5
99 62.4	49.8 74.6



#56
Ethyl methacrylate
Concen: 17.975 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY009695.D
Acq: 26 Jul 2022 12:26

Tgt Ion: 69	Resp: 42132
Ion Ratio	Lower Upper
69 100	
41 60.9	63.4 95.0#
39 35.1	35.8 53.8#





#57

1,3-Dichloropropane

Concen: 20.648 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY009695.D

Acq: 26 Jul 2022 12:26

Instrument :

MSVOA_Y

ClientSampleId :

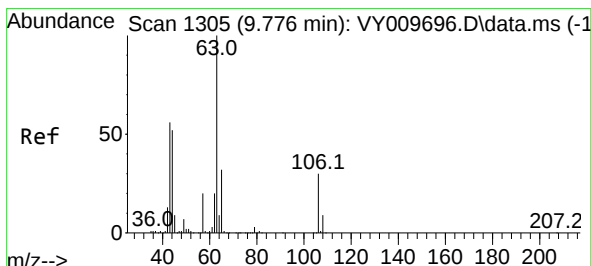
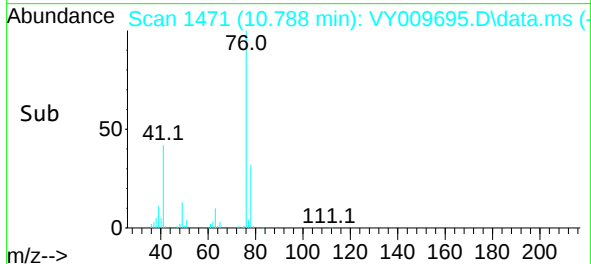
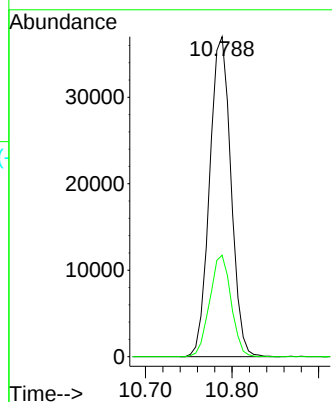
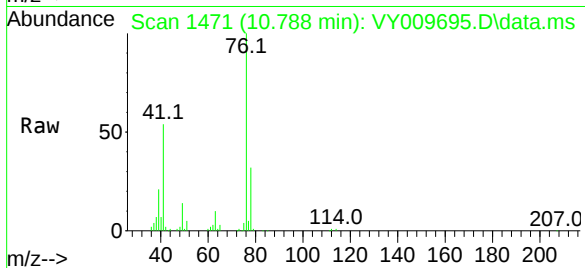
VSTDIC020

Tgt Ion: 76 Resp: 63277

Ion Ratio Lower Upper

76 100

78 31.8 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 71.420 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY009695.D

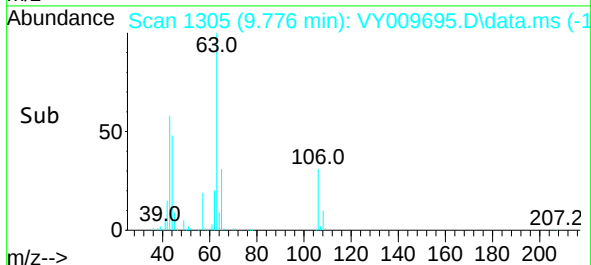
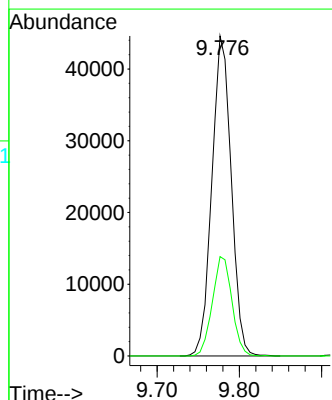
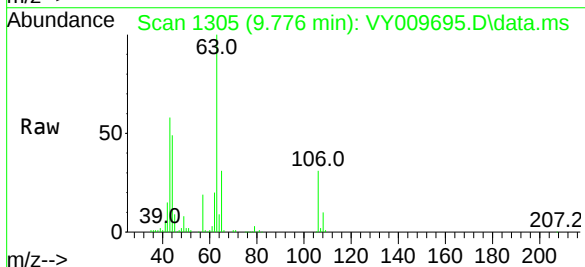
Acq: 26 Jul 2022 12:26

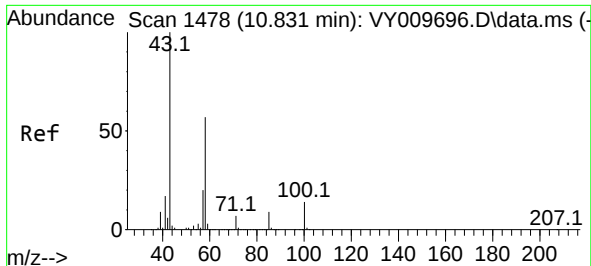
Tgt Ion: 63 Resp: 72963

Ion Ratio Lower Upper

63 100

106 31.4 21.5 32.3

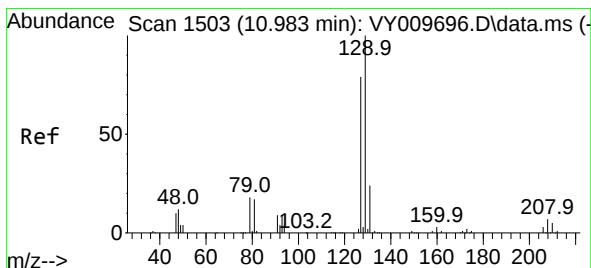
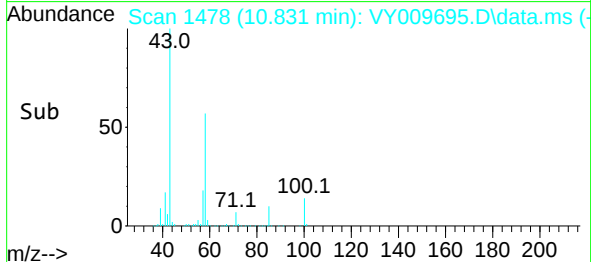
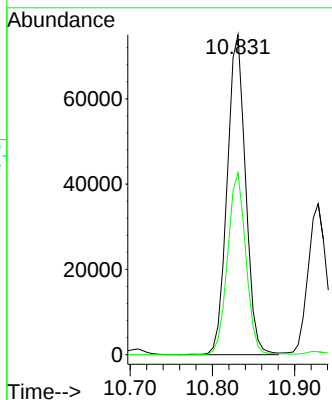
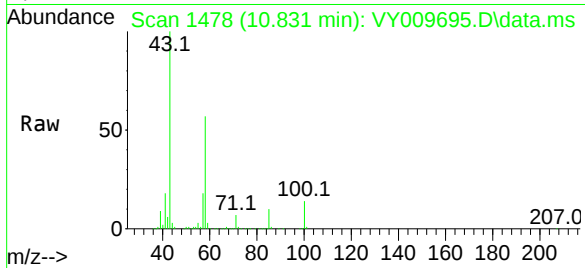




#59
2-Hexanone
Concen: 99.979 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY009695.D
Acq: 26 Jul 2022 12:26

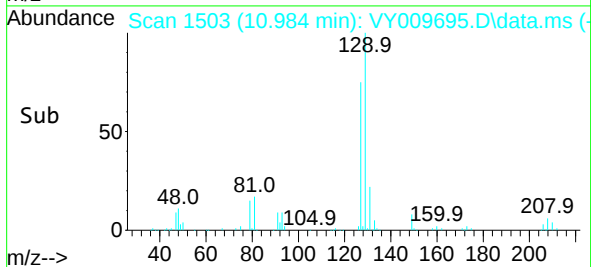
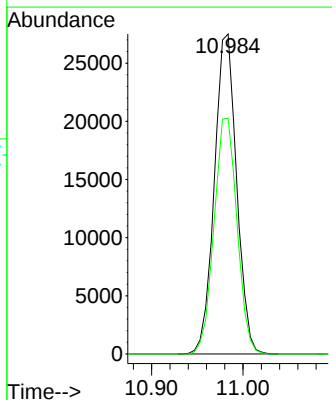
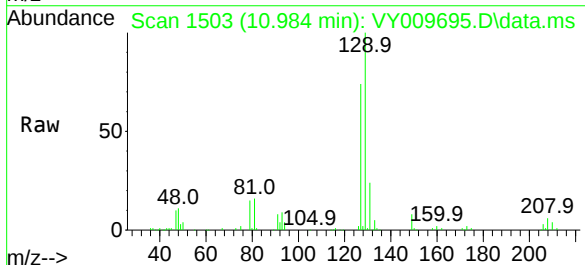
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

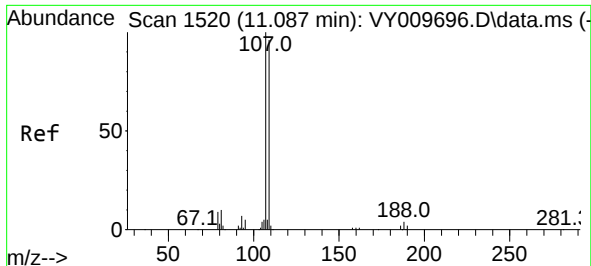
Tgt Ion: 43 Resp: 116858
Ion Ratio Lower Upper
43 100
58 56.5 24.4 73.4



#60
Dibromochloromethane
Concen: 20.574 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY009695.D
Acq: 26 Jul 2022 12:26

Tgt Ion: 129 Resp: 46577
Ion Ratio Lower Upper
129 100
127 76.1 38.7 116.1

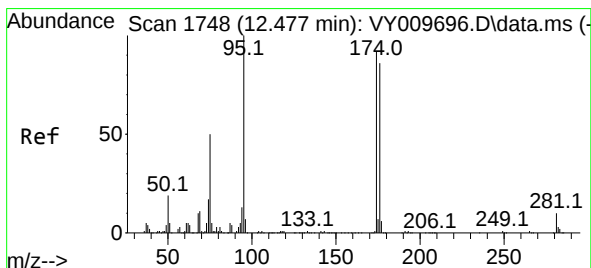
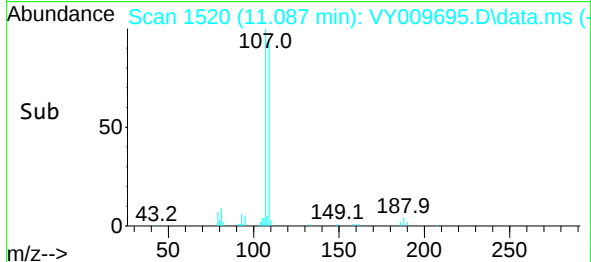
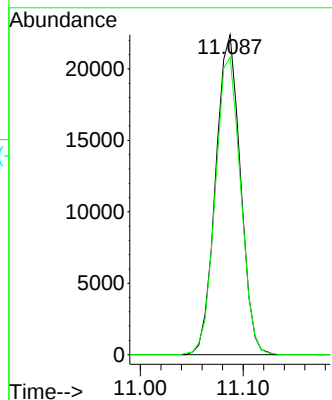
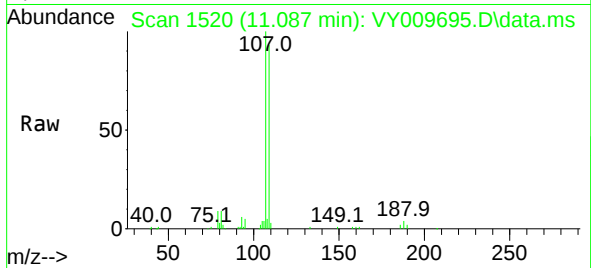




#61
1,2-Dibromoethane
Concen: 20.483 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY009695.D
Acq: 26 Jul 2022 12:26

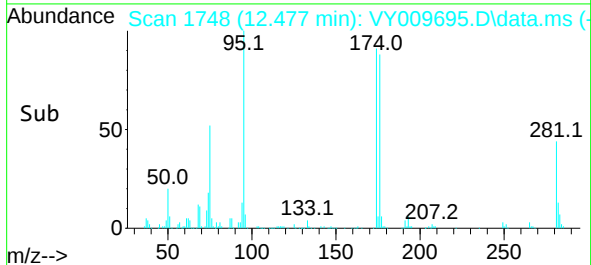
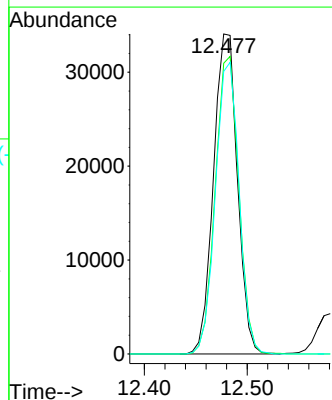
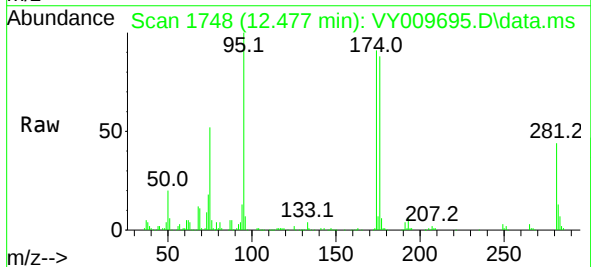
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

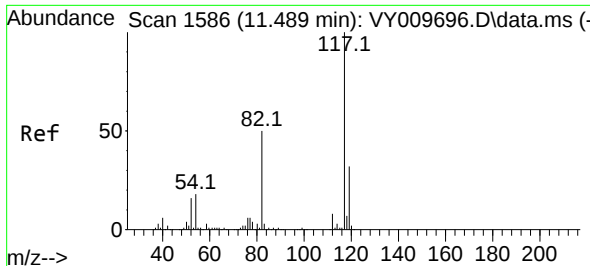
Tgt Ion:107 Resp: 37373
Ion Ratio Lower Upper
107 100
109 95.3 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 21.786 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009695.D
Acq: 26 Jul 2022 12:26

Tgt Ion: 95 Resp: 55041
Ion Ratio Lower Upper
95 100
174 91.5 0.0 177.0
176 89.9 0.0 175.8

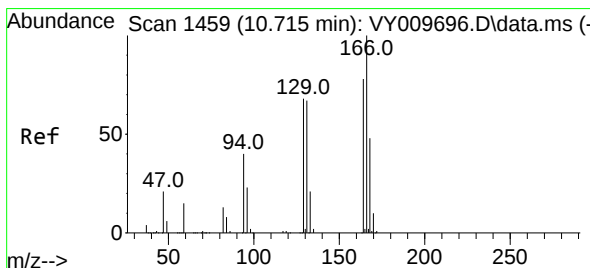
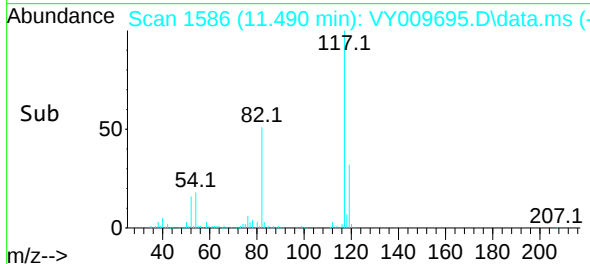
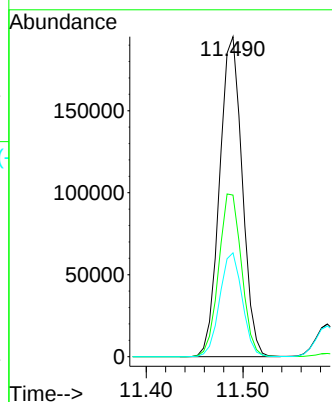
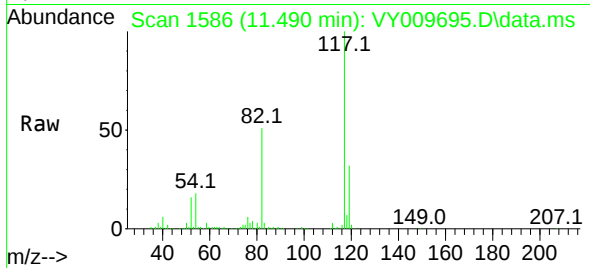




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009695.D
Acq: 26 Jul 2022 12:26

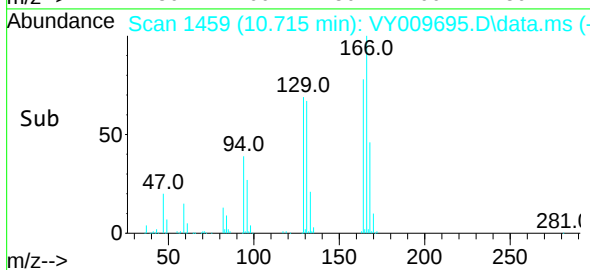
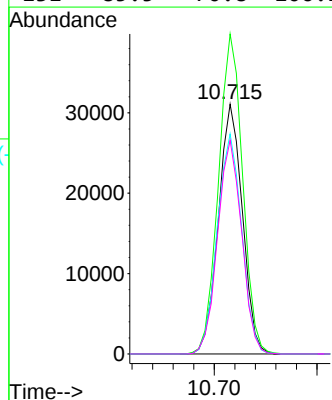
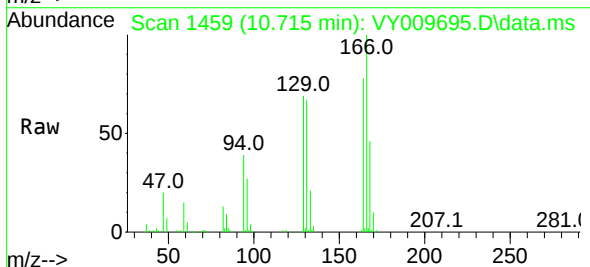
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

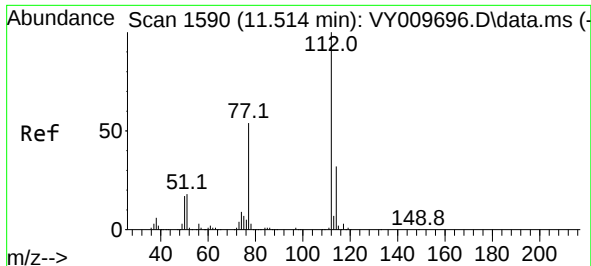
Tgt Ion:117 Resp: 316823
Ion Ratio Lower Upper
117 100
82 50.5 43.0 64.4
119 32.4 25.4 38.0



#64
Tetrachloroethene
Concen: 20.280 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY009695.D
Acq: 26 Jul 2022 12:26

Tgt Ion:164 Resp: 50428
Ion Ratio Lower Upper
164 100
166 128.1 100.4 150.6
129 88.1 71.4 107.0
131 85.5 70.8 106.2

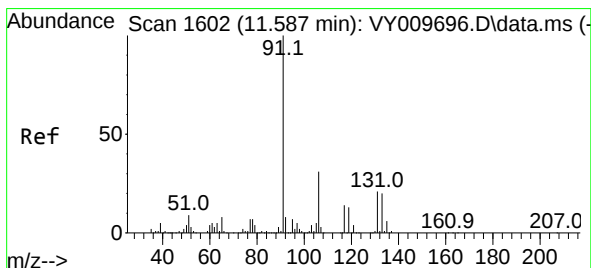
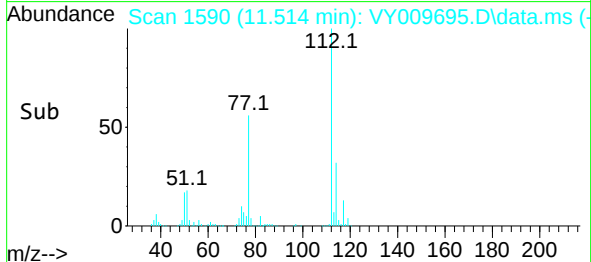
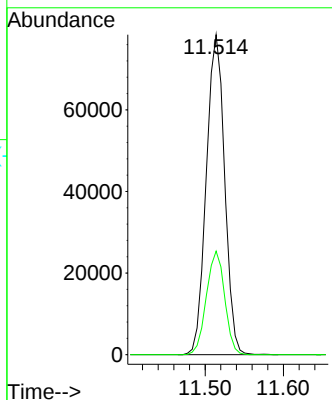
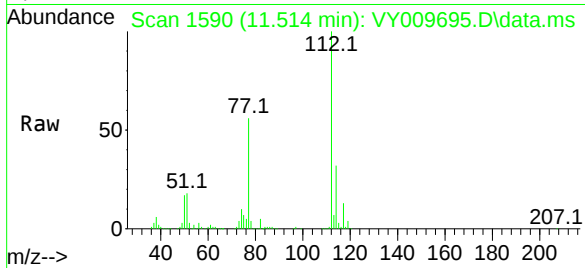




#65
Chlorobenzene
Concen: 20.067 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. 0.000 min
Lab File: VY009695.D
Acq: 26 Jul 2022 12:26

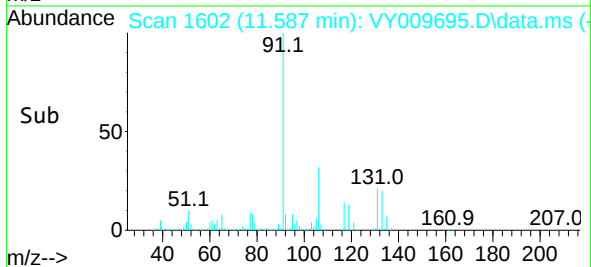
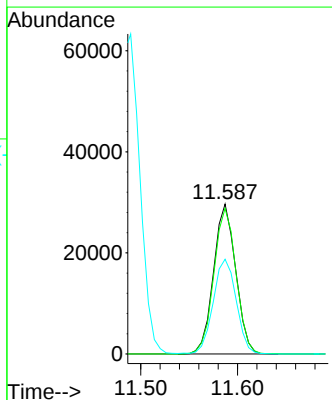
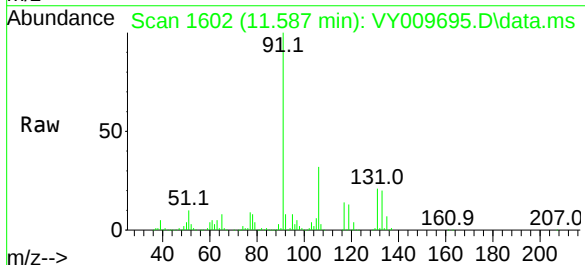
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

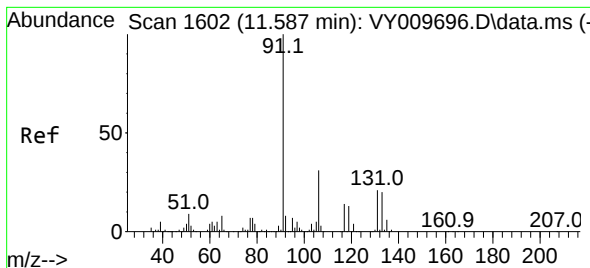
Tgt Ion:112 Resp: 127386
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.993 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY009695.D
Acq: 26 Jul 2022 12:26

Tgt Ion:131 Resp: 47170
Ion Ratio Lower Upper
131 100
133 97.6 47.9 143.6
119 65.7 30.8 92.3





#67

Ethyl Benzene

Concen: 20.093 ug/l

RT: 11.587 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009695.D

Acq: 26 Jul 2022 12:26

Instrument :

MSVOA_Y

ClientSampleId :

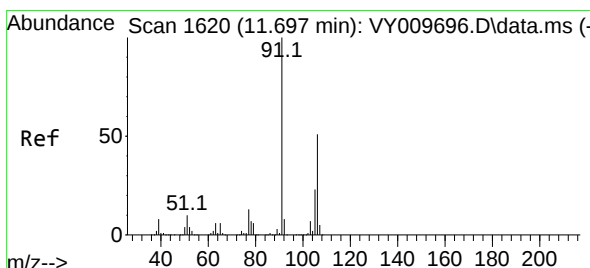
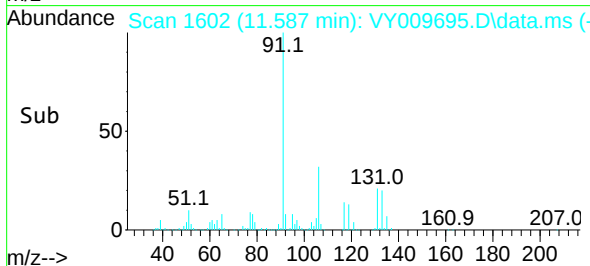
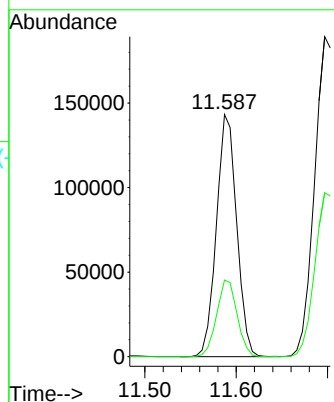
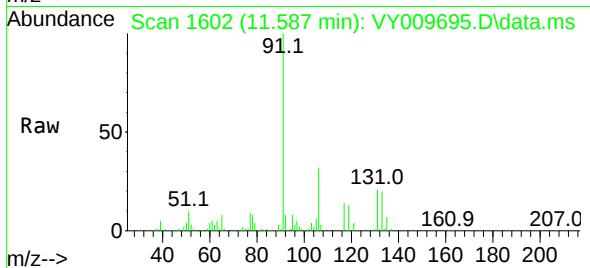
VSTDIC020

Tgt Ion: 91 Resp: 220748

Ion Ratio Lower Upper

91 100

106 31.6 24.5 36.7



#68

m/p-Xylenes

Concen: 40.597 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VY009695.D

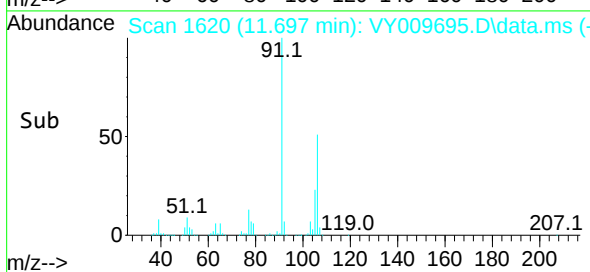
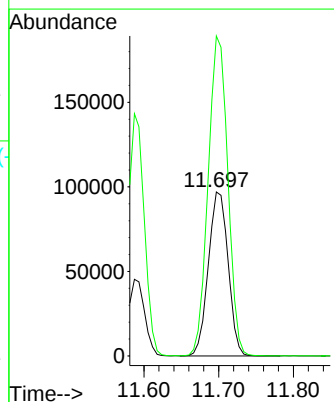
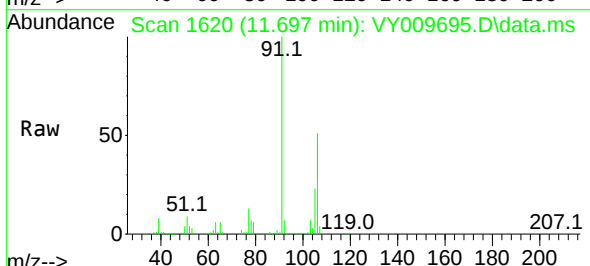
Acq: 26 Jul 2022 12:26

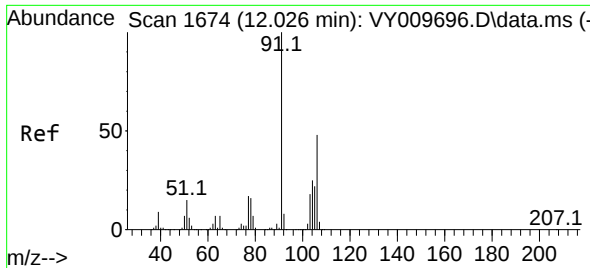
Tgt Ion: 106 Resp: 178224

Ion Ratio Lower Upper

106 100

91 194.1 166.6 249.8

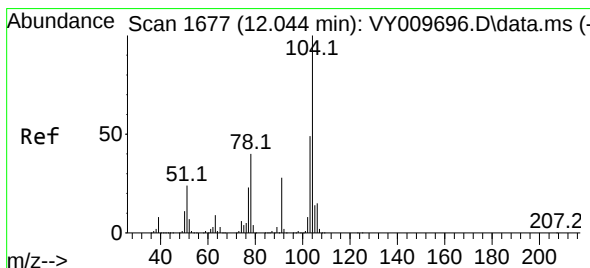
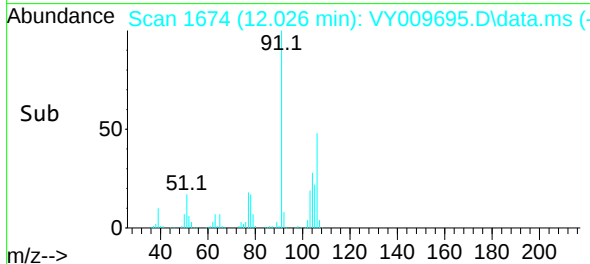
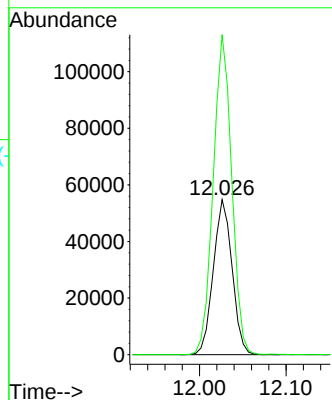
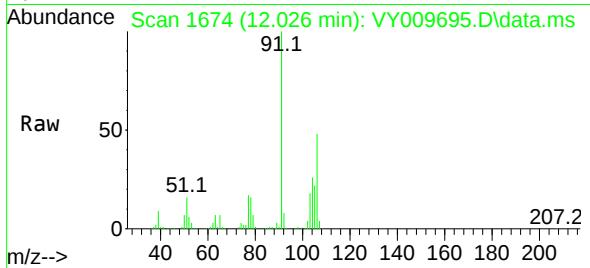




#69
o-Xylene
Concen: 20.008 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY009695.D
Acq: 26 Jul 2022 12:26

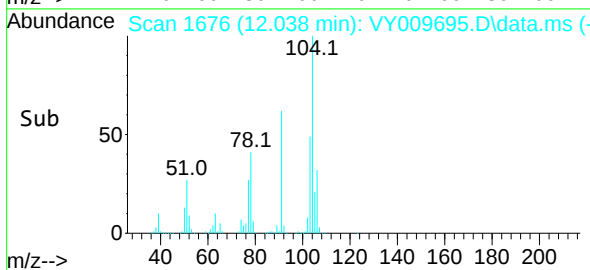
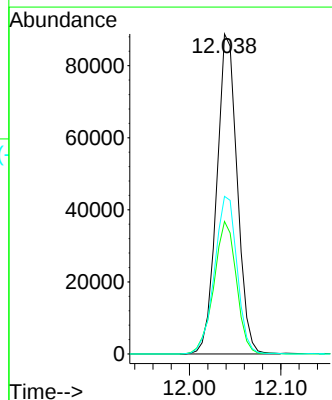
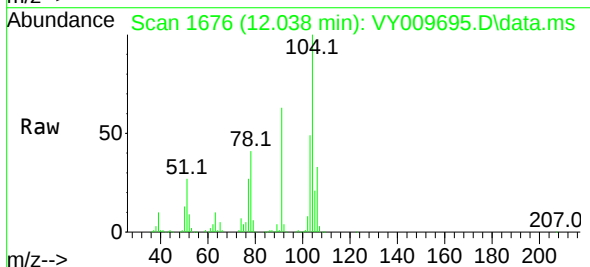
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

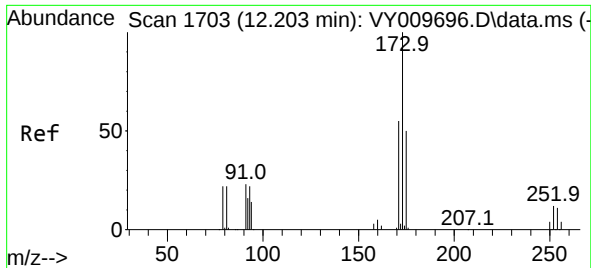
Tgt Ion:106 Resp: 82452
Ion Ratio Lower Upper
106 100
91 203.5 110.3 331.0



#70
Styrene
Concen: 19.967 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VY009695.D
Acq: 26 Jul 2022 12:26

Tgt Ion:104 Resp: 138207
Ion Ratio Lower Upper
104 100
78 45.6 42.4 63.6
103 54.4 44.4 66.6

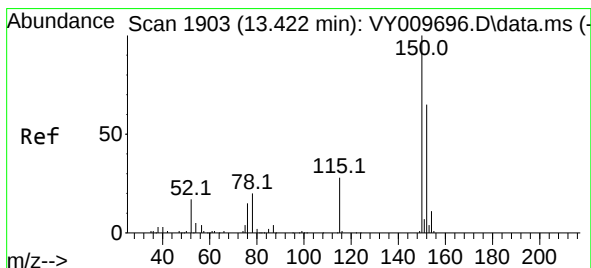
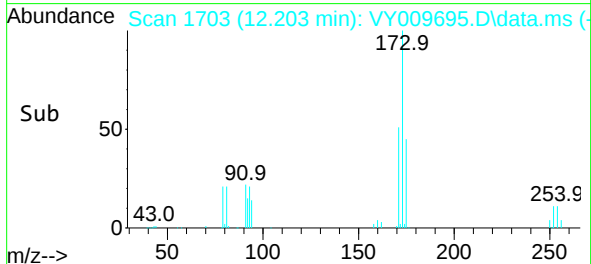
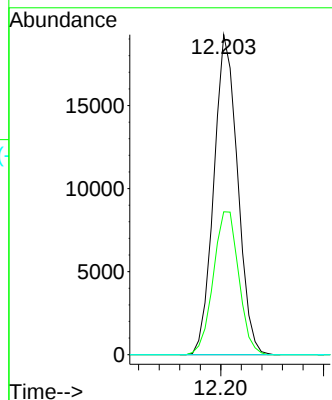
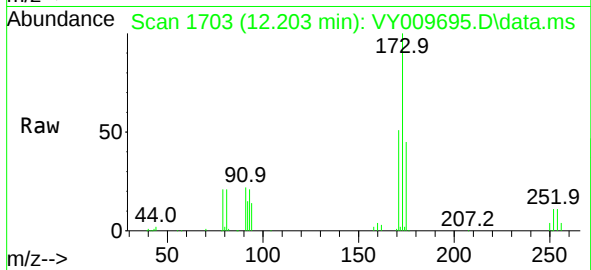




#71
Bromoform
Concen: 20.394 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VY009695.D
Acq: 26 Jul 2022 12:26

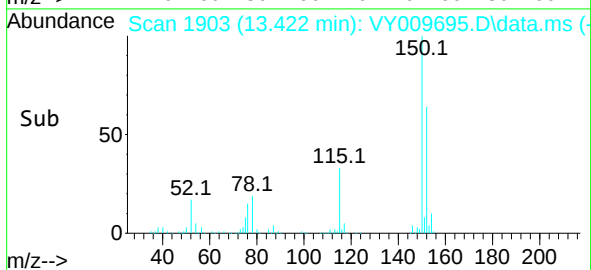
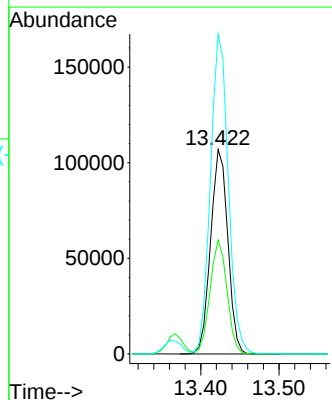
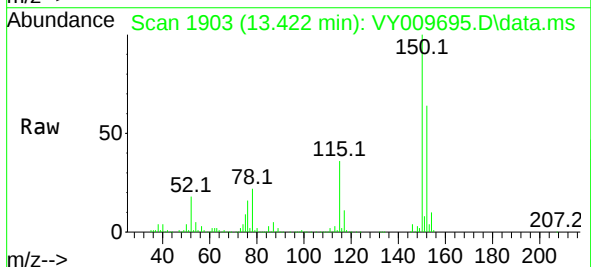
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

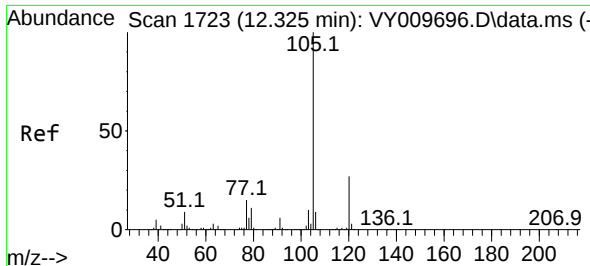
Tgt Ion:173 Resp: 30857
Ion Ratio Lower Upper
173 100
175 48.0 24.6 74.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009695.D
Acq: 26 Jul 2022 12:26

Tgt Ion:152 Resp: 162896
Ion Ratio Lower Upper
152 100
115 54.9 28.2 84.7
150 162.2 0.0 347.6

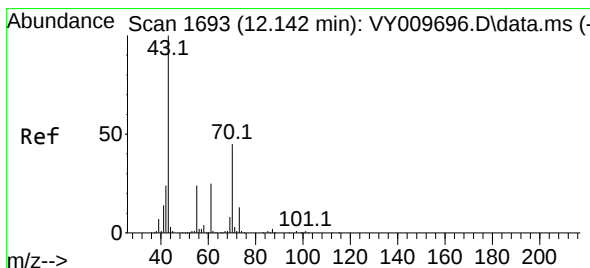
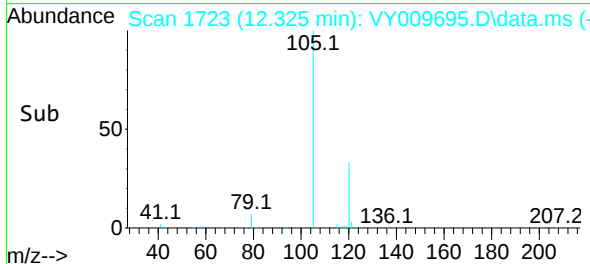
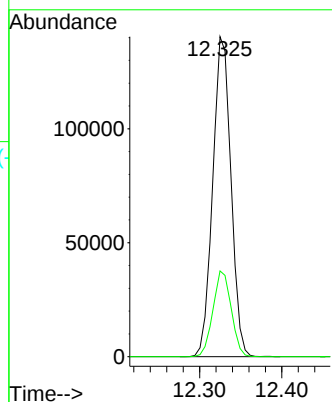
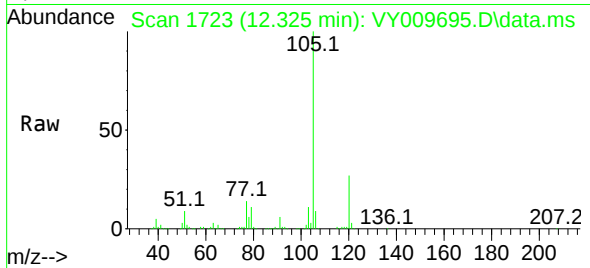




#73
Isopropylbenzene
Concen: 19.681 ug/l
RT: 12.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009695.D
Acq: 26 Jul 2022 12:26

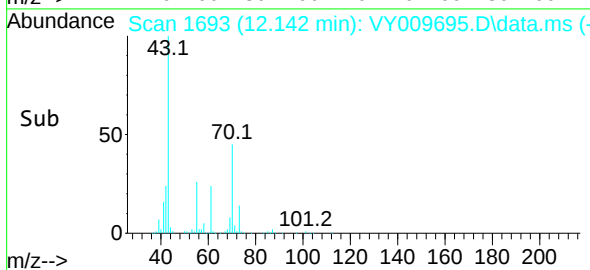
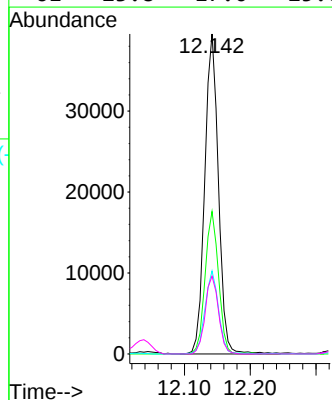
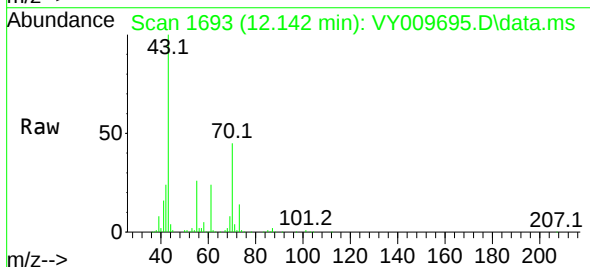
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

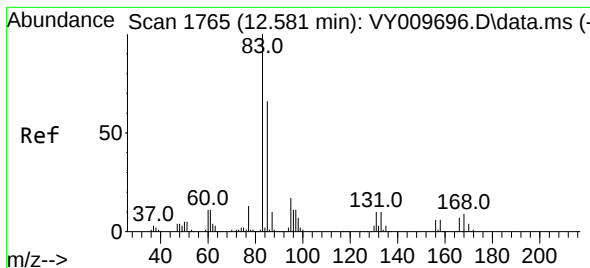
Tgt Ion:105 Resp: 215881
Ion Ratio Lower Upper
105 100
120 26.8 13.4 40.2



#74
N-ethyl acetate
Concen: 19.639 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY009695.D
Acq: 26 Jul 2022 12:26

Tgt Ion: 43 Resp: 57177
Ion Ratio Lower Upper
43 100
70 43.5 28.7 43.1#
55 25.7 17.3 25.9
61 23.8 17.0 25.6

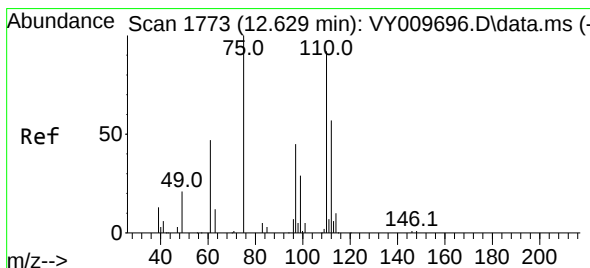
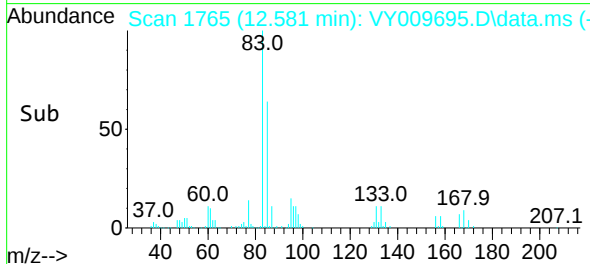
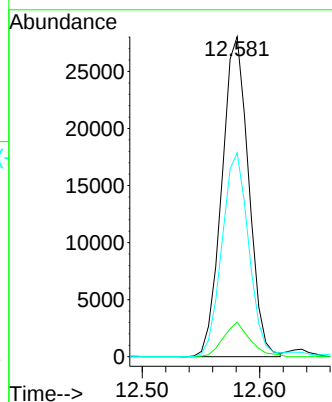
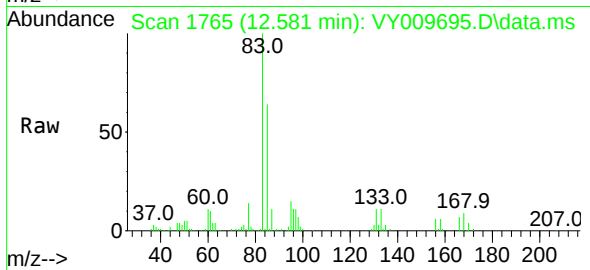




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.255 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. 0.000 min
 Lab File: VY009695.D
 Acq: 26 Jul 2022 12:26

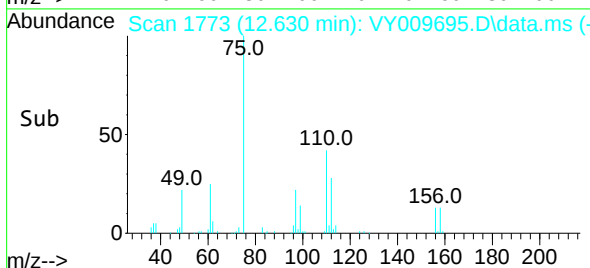
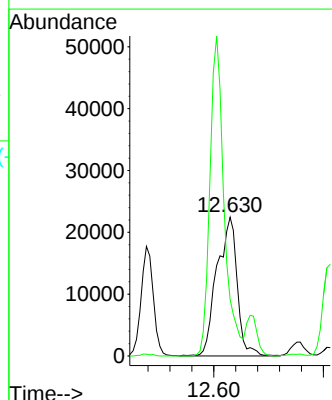
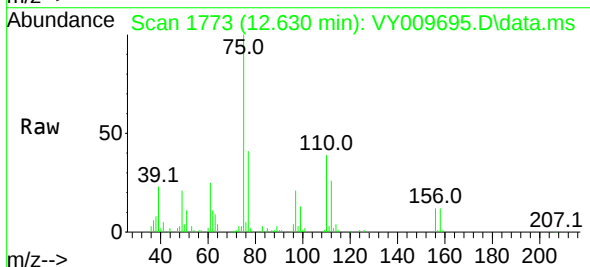
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

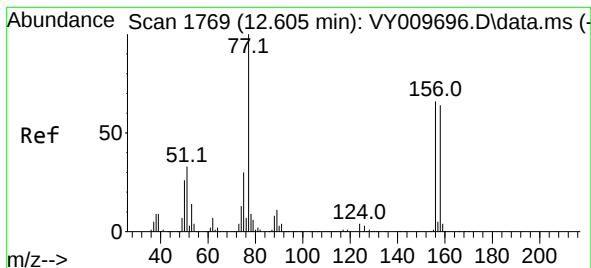
Tgt Ion: 83 Resp: 44393
 Ion Ratio Lower Upper
 83 100
 131 10.7 5.6 16.8
 85 63.7 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 36.511 ug/l
 RT: 12.630 min Scan# 1773
 Delta R.T. 0.000 min
 Lab File: VY009695.D
 Acq: 26 Jul 2022 12:26

Tgt Ion: 75 Resp: 57816
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.683 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY009695.D

Acq: 26 Jul 2022 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

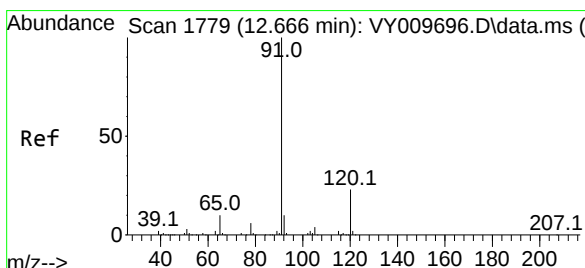
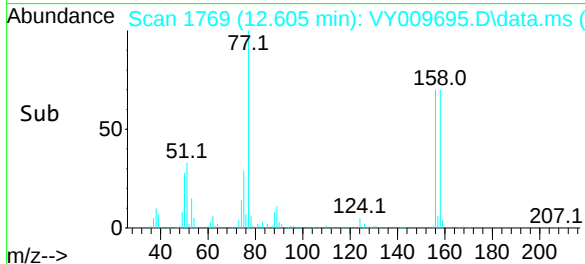
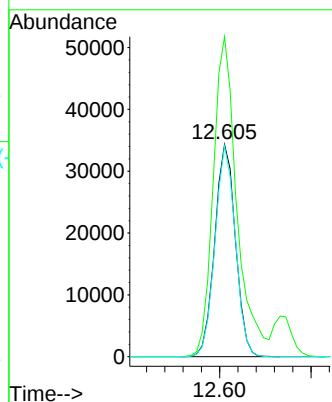
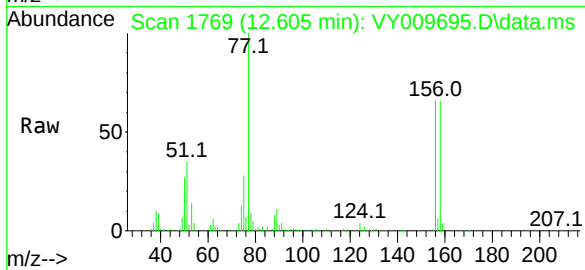
Tgt Ion:156 Resp: 53972

Ion Ratio Lower Upper

156 100

77 172.6 95.5 286.4

158 97.5 48.0 144.0



#78

n-propylbenzene

Concen: 19.871 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY009695.D

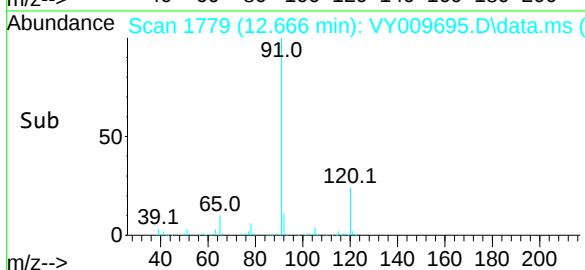
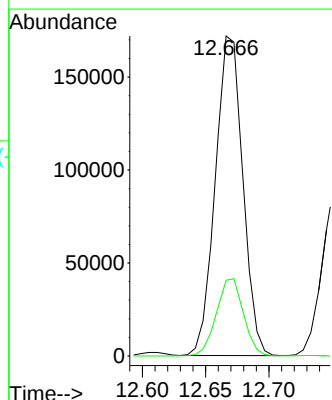
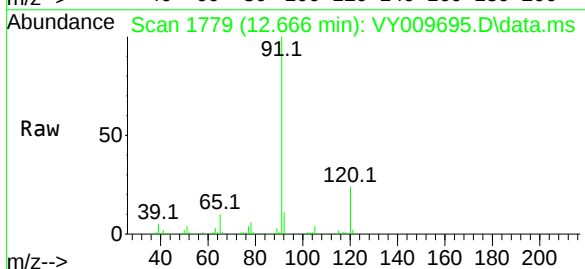
Acq: 26 Jul 2022 12:26

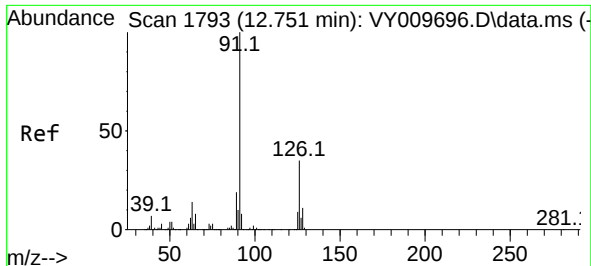
Tgt Ion: 91 Resp: 259677

Ion Ratio Lower Upper

91 100

120 23.8 11.3 33.9

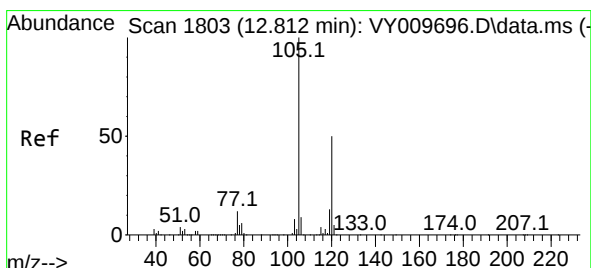
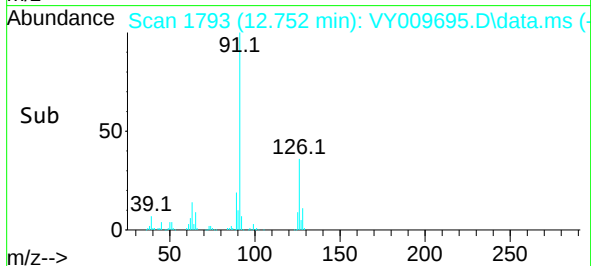
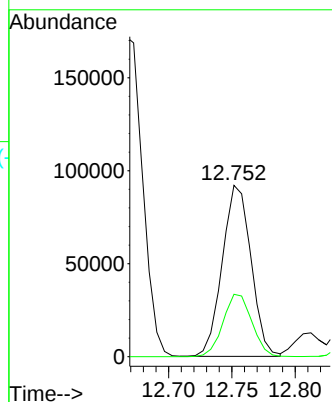
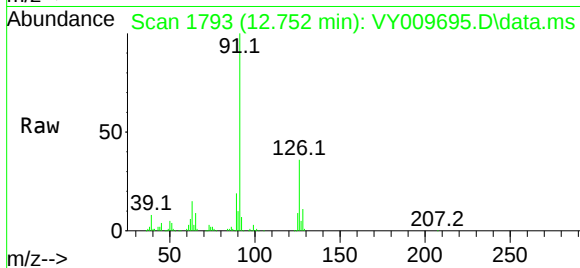




#79
2-Chlorotoluene
Concen: 19.784 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY009695.D
Acq: 26 Jul 2022 12:26

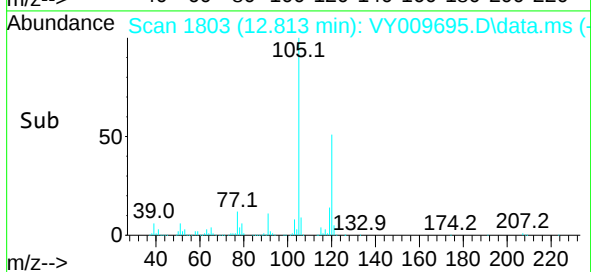
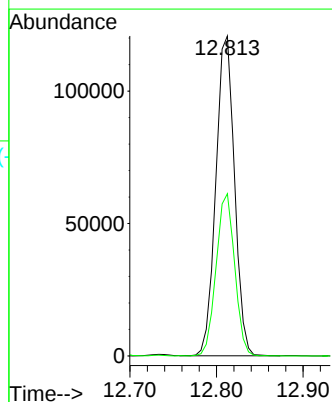
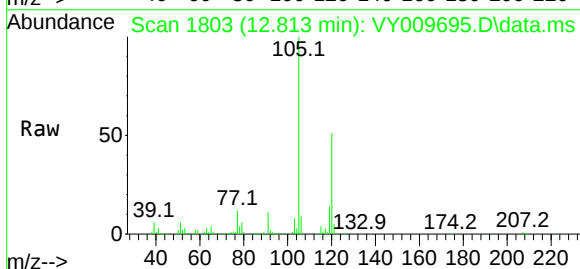
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

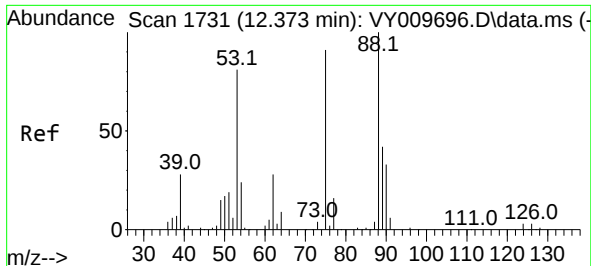
Tgt Ion: 91 Resp: 145618
Ion Ratio Lower Upper
91 100
126 36.6 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 19.902 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY009695.D
Acq: 26 Jul 2022 12:26

Tgt Ion: 105 Resp: 180571
Ion Ratio Lower Upper
105 100
120 50.6 24.4 73.4

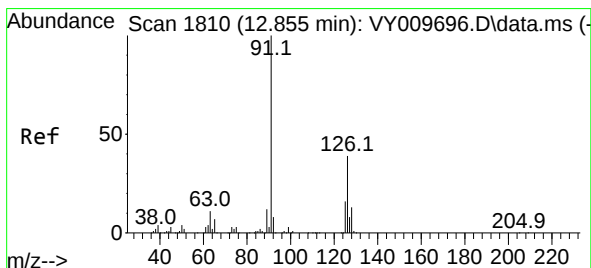
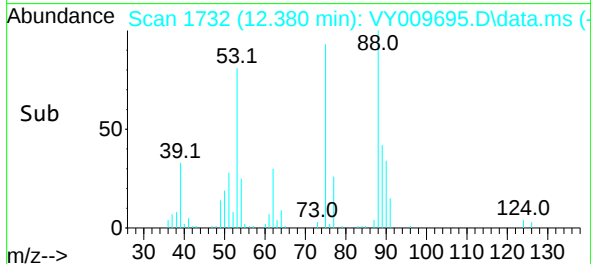
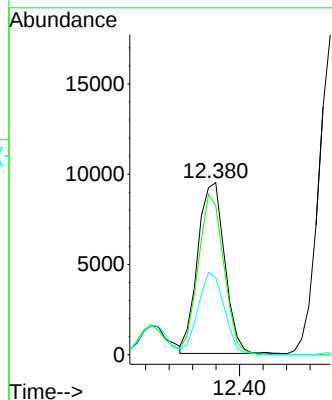
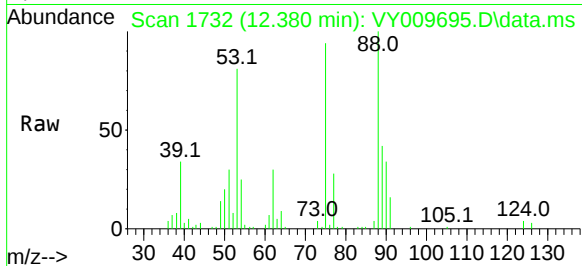




#81
trans-1,4-Dichloro-2-butene
Concen: 19.368 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.006 min
Lab File: VY009695.D
Acq: 26 Jul 2022 12:26

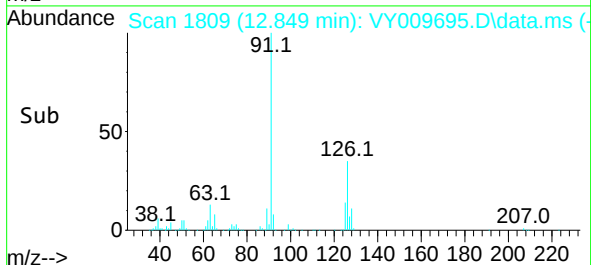
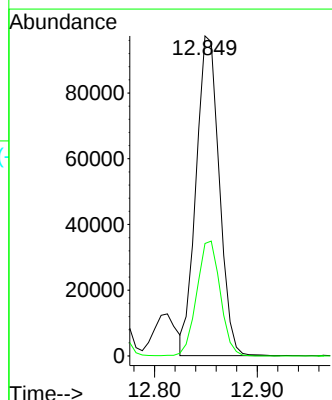
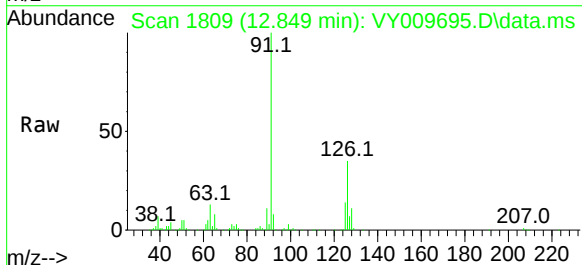
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

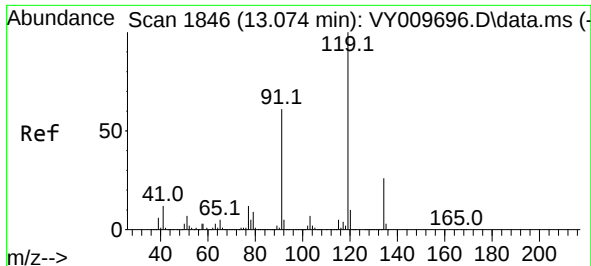
Tgt Ion: 75 Resp: 15078
Ion Ratio Lower Upper
75 100
53 89.7 85.3 127.9
89 47.0 37.0 55.4



#82
4-Chlorotoluene
Concen: 19.721 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY009695.D
Acq: 26 Jul 2022 12:26

Tgt Ion: 91 Resp: 152061
Ion Ratio Lower Upper
91 100
126 36.5 17.0 51.0

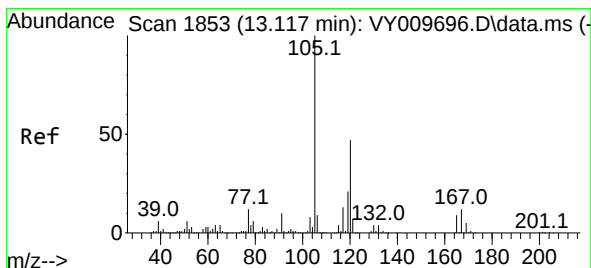
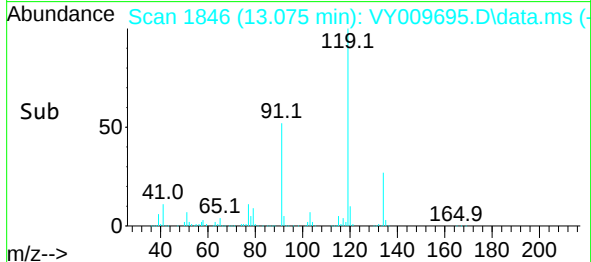
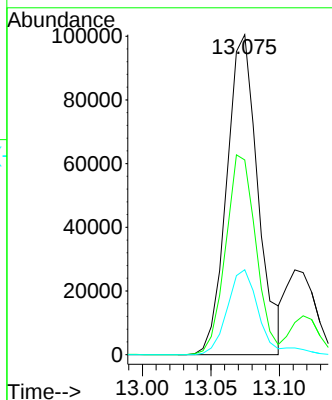
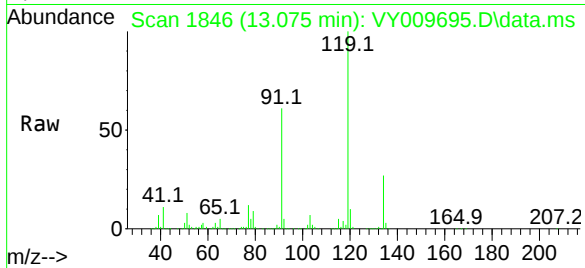




#83
tert-Butylbenzene
Concen: 19.943 ug/l
RT: 13.075 min Scan# 119
Delta R.T. 0.000 min
Lab File: VY009695.D
Acq: 26 Jul 2022 12:26

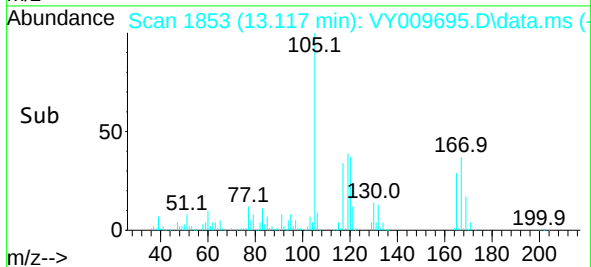
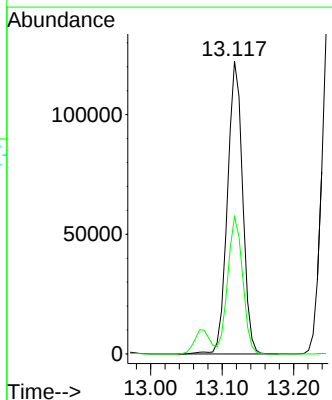
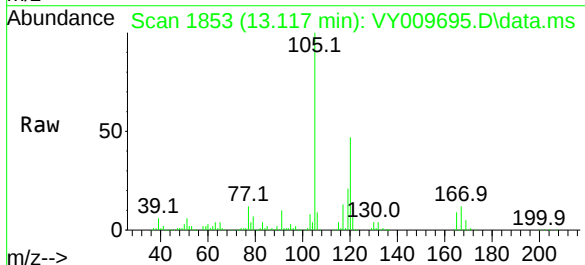
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

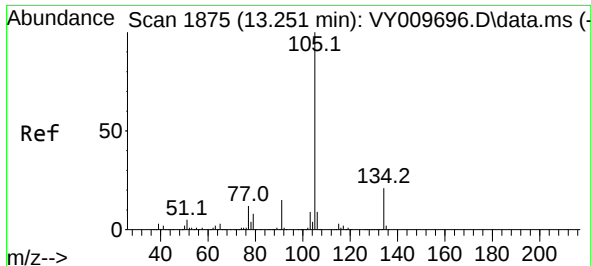
Tgt Ion:119 Resp: 159302
Ion Ratio Lower Upper
119 100
91 60.6 34.8 104.4
134 27.4 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 20.051 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY009695.D
Acq: 26 Jul 2022 12:26

Tgt Ion:105 Resp: 179799
Ion Ratio Lower Upper
105 100
120 46.1 22.3 66.9

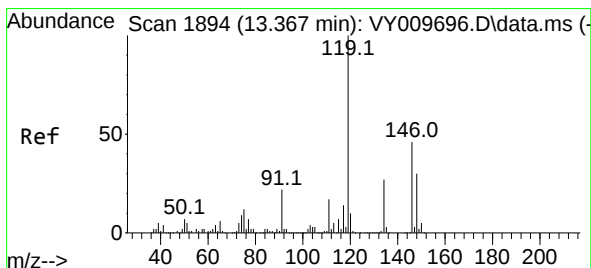
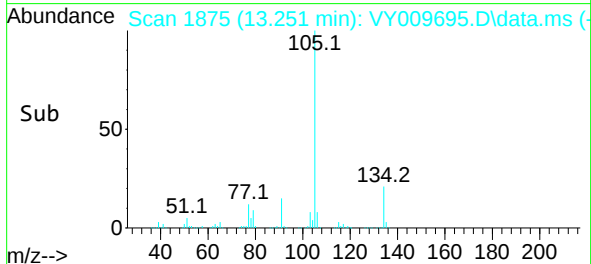
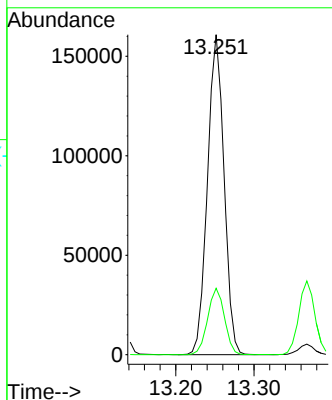
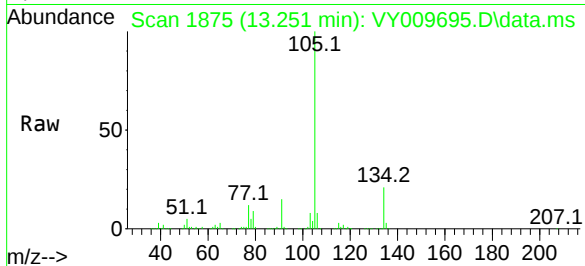




#85
 sec-Butylbenzene
 Concen: 20.219 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY009695.D
 Acq: 26 Jul 2022 12:26

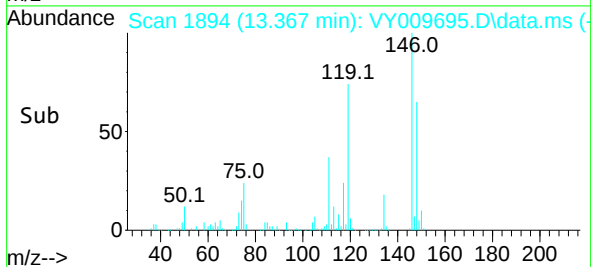
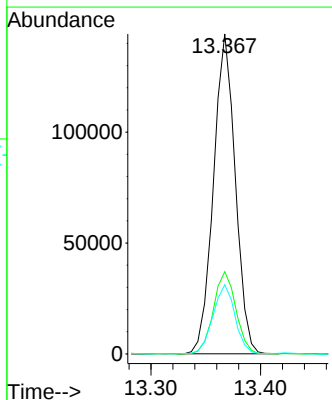
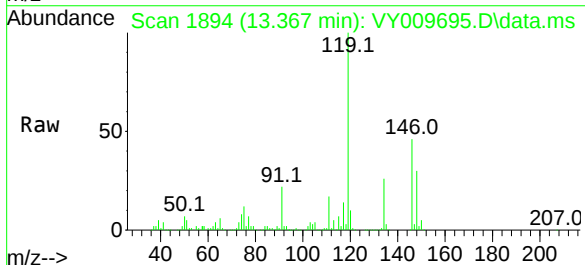
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

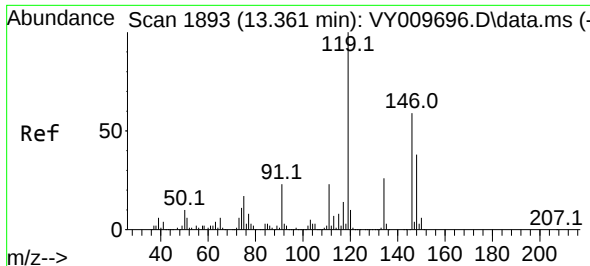
Tgt Ion:105 Resp: 236350
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 20.083 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY009695.D
 Acq: 26 Jul 2022 12:26

Tgt Ion:119 Resp: 199356
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.2 39.5
 91 21.8 12.4 37.2

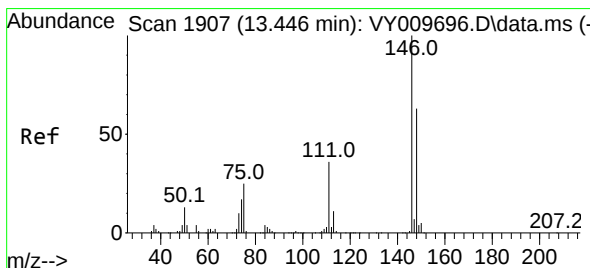
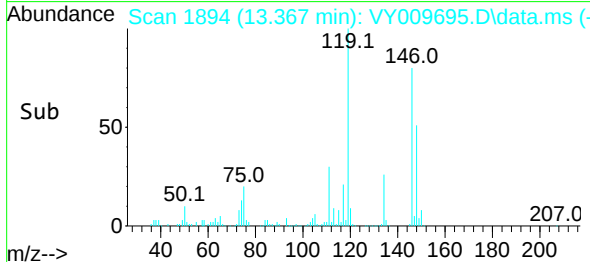
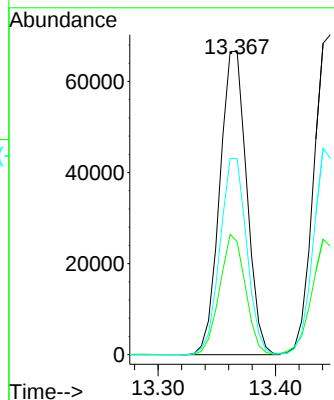
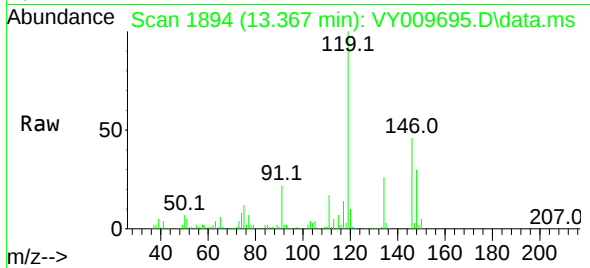




#87
1,3-Dichlorobenzene
Concen: 19.684 ug/l
RT: 13.367 min Scan# 1893
Delta R.T. 0.006 min
Lab File: VY009695.D
Acq: 26 Jul 2022 12:26

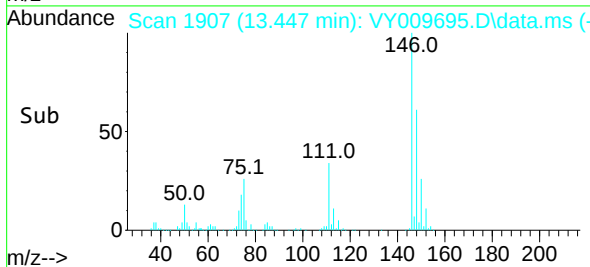
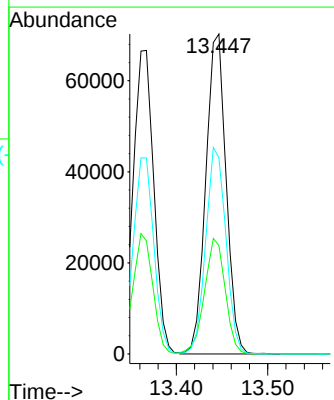
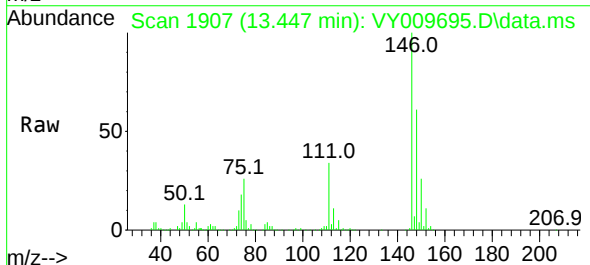
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

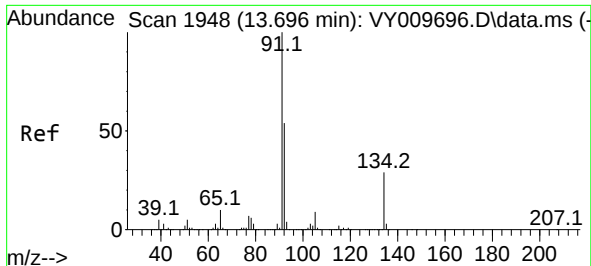
Tgt Ion:146 Resp: 106254
Ion Ratio Lower Upper
146 100
111 37.9 19.5 58.5
148 64.3 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 19.901 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY009695.D
Acq: 26 Jul 2022 12:26

Tgt Ion:146 Resp: 108122
Ion Ratio Lower Upper
146 100
111 36.8 19.3 57.8
148 64.4 32.6 97.8

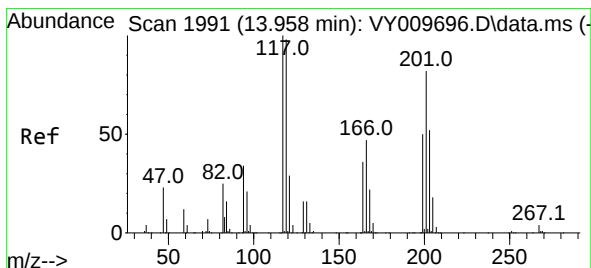
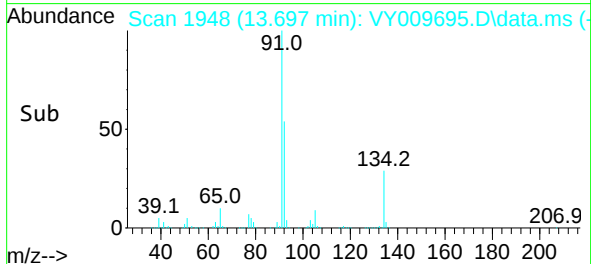
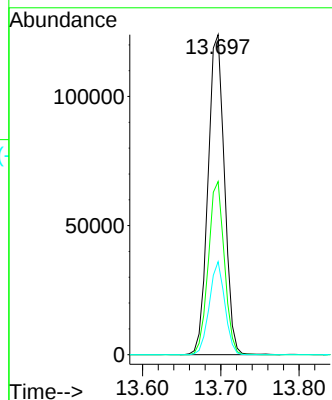
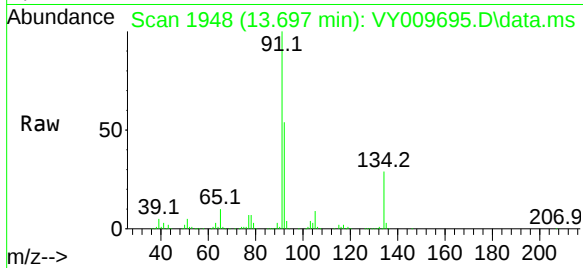




#89
n-Butylbenzene
Concen: 19.857 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY009695.D
Acq: 26 Jul 2022 12:26

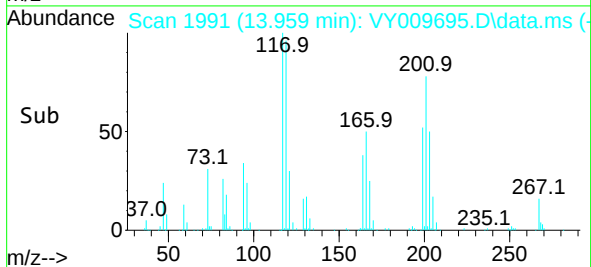
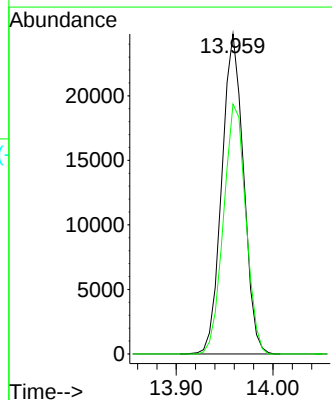
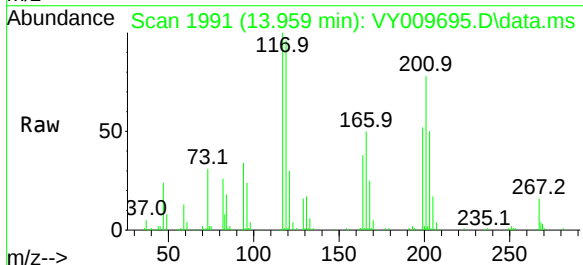
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

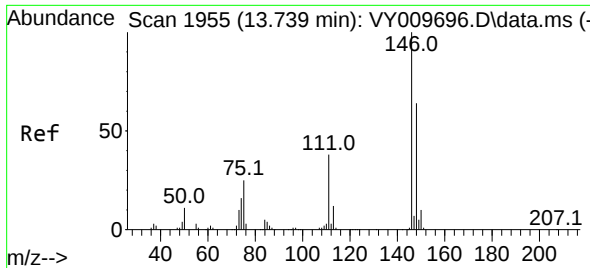
Tgt Ion: 91 Resp: 180215
Ion Ratio Lower Upper
91 100
92 52.7 26.3 78.9
134 27.4 13.0 38.9



#90
Hexachloroethane
Concen: 19.881 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY009695.D
Acq: 26 Jul 2022 12:26

Tgt Ion: 117 Resp: 38653
Ion Ratio Lower Upper
117 100
201 80.0 43.0 128.8

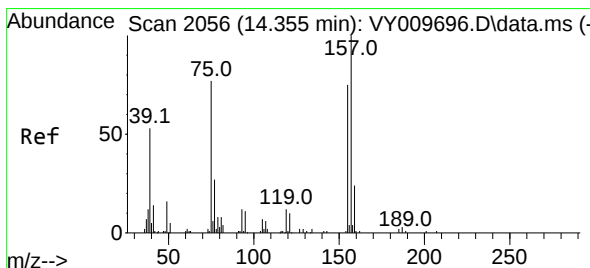
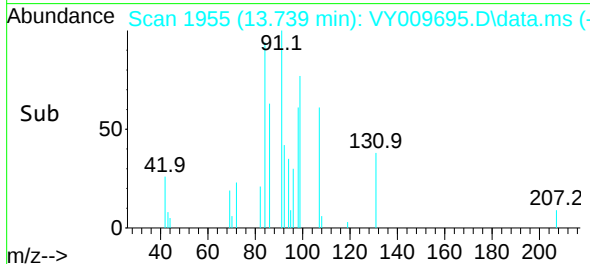
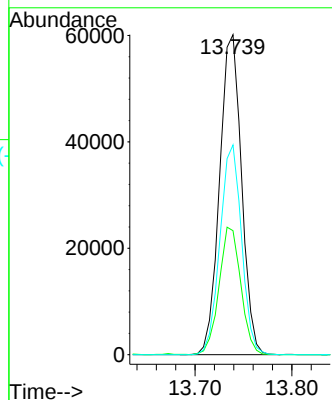
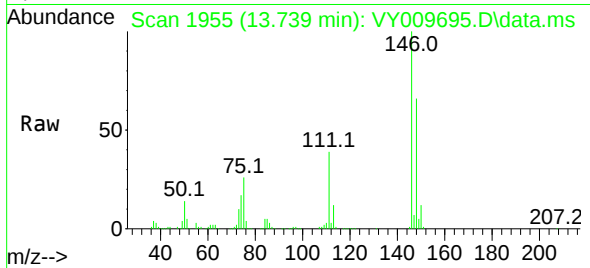




#91
1,2-Dichlorobenzene
Concen: 19.514 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY009695.D
Acq: 26 Jul 2022 12:26

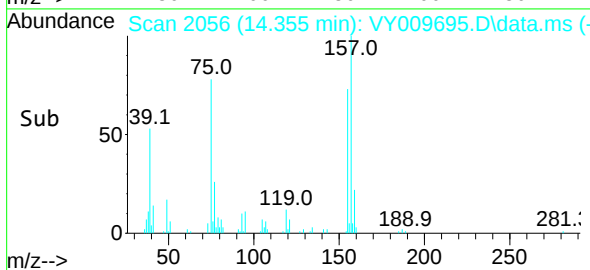
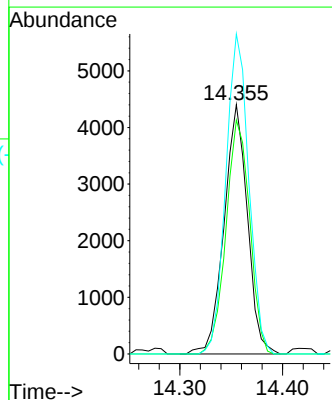
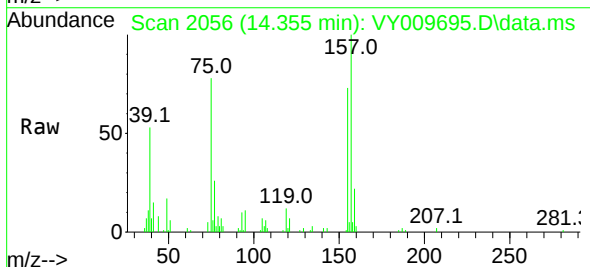
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

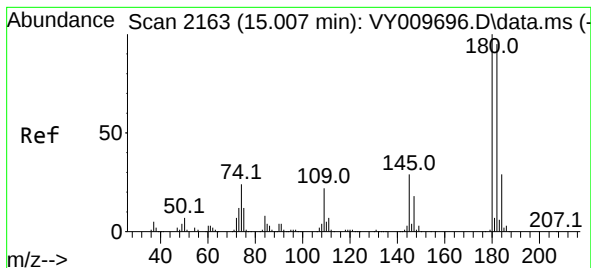
Tgt Ion:	146	Resp:	94513
Ion Ratio	Lower	Upper	
146	100		
111	39.7	20.3	60.9
148	64.6	32.3	96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.365 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY009695.D
Acq: 26 Jul 2022 12:26

Tgt Ion:	75	Resp:	6933
Ion Ratio	Lower	Upper	
75	100		
155	95.0	38.0	113.9
157	126.1	47.8	143.3





#93

1,2,4-Trichlorobenzene

Concen: 18.999 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY009695.D

Acq: 26 Jul 2022 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

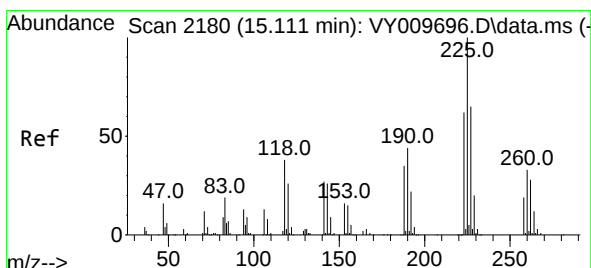
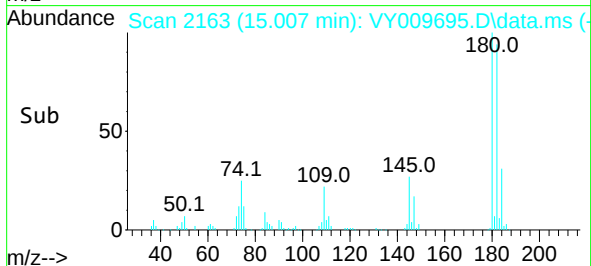
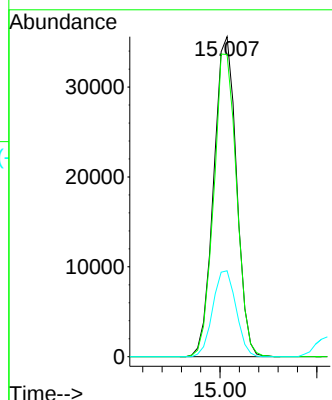
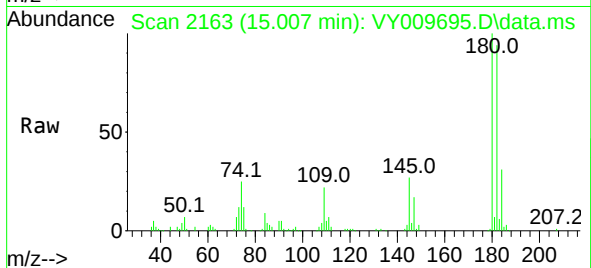
Tgt Ion:180 Resp: 58112

Ion Ratio Lower Upper

180 100

182 95.1 47.3 141.9

145 27.5 14.6 43.8



#94

Hexachlorobutadiene

Concen: 19.692 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY009695.D

Acq: 26 Jul 2022 12:26

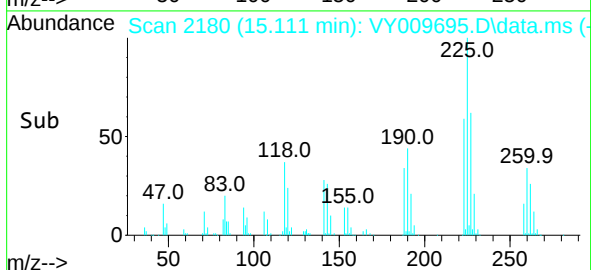
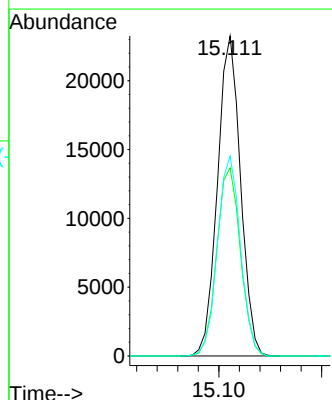
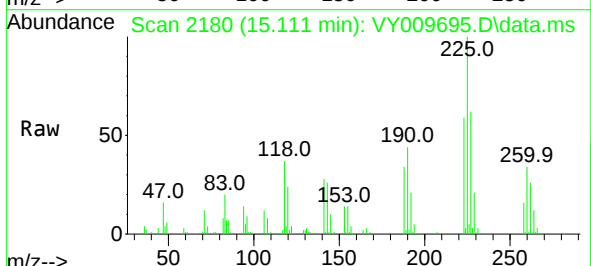
Tgt Ion:225 Resp: 36164

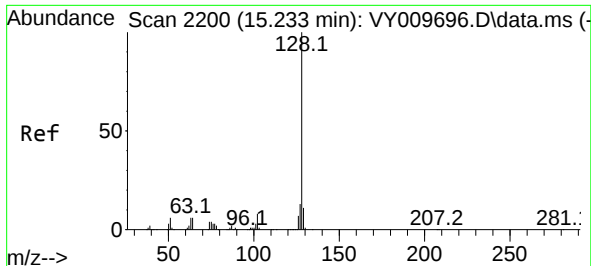
Ion Ratio Lower Upper

225 100

223 60.3 30.8 92.3

227 62.2 31.6 94.7

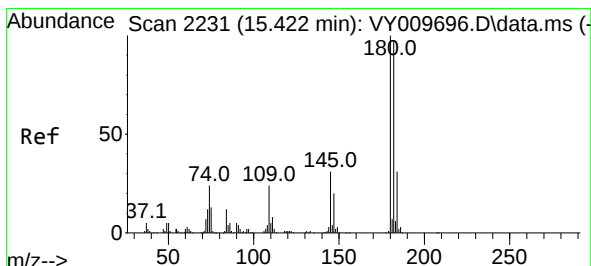
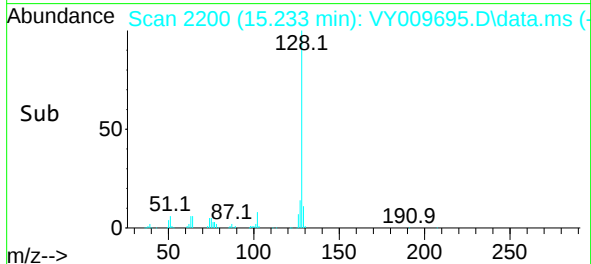
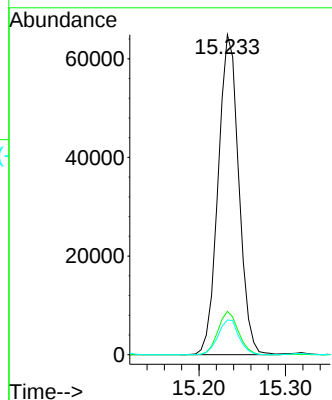
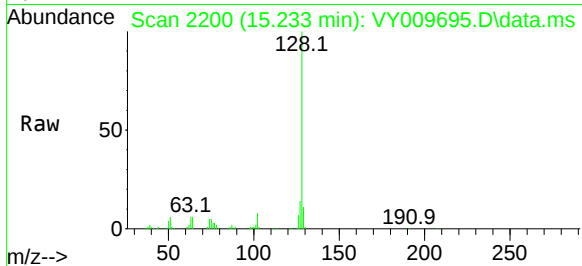




#95
Naphthalene
Concen: 18.803 ug/l
RT: 15.233 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY009695.D
Acq: 26 Jul 2022 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 107457
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: 19.269 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. 0.000 min
Lab File: VY009695.D
Acq: 26 Jul 2022 12:26

Tgt Ion:180 Resp: 51061
Ion Ratio Lower Upper
180 100
182 94.3 47.3 141.9
145 29.7 15.3 45.9

