

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111023\
 Data File : VY016296.D
 Acq On : 10 Nov 2023 10:04
 Operator : SY/MD
 Sample : VY1110SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1110SBS01

Quant Time: Nov 10 22:17:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	159946	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	263485	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	230030	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	107384	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	75563	51.690	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.380%	
35) Dibromofluoromethane	7.728	113	77739	51.938	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.880%	
50) Toluene-d8	10.191	98	309386	50.972	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.940%	
62) 4-Bromofluorobenzene	12.489	95	101602	51.540	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.080%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	32768	20.923	ug/l	99
3) Chloromethane	2.119	50	37854	20.638	ug/l	96
4) Vinyl Chloride	2.253	62	38569	19.555	ug/l	96
5) Bromomethane	2.656	94	25880	19.966	ug/l	96
6) Chloroethane	2.796	64	25548	20.300	ug/l	95
7) Trichlorofluoromethane	3.137	101	59269	20.655	ug/l	97
8) Diethyl Ether	3.540	74	18915	22.055	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.912	101	35555	20.572	ug/l	96
10) Methyl Iodide	4.101	142	35929	19.248	ug/l	97
11) Tert butyl alcohol	4.972	59	11344	99.097	ug/l #	83
12) 1,1-Dichloroethene	3.881	96	33080	20.466	ug/l	93
13) Acrolein	3.735	56	14948	108.259	ug/l	98
14) Allyl chloride	4.491	41	46691	20.357	ug/l #	92
15) Acrylonitrile	5.174	53	36595	107.524	ug/l	99
16) Acetone	3.954	43	24653	101.953	ug/l #	89
17) Carbon Disulfide	4.210	76	98338	20.165	ug/l	99
18) Methyl Acetate	4.491	43	27206	21.174	ug/l #	90
19) Methyl tert-butyl Ether	5.235	73	82319	21.043	ug/l	99
20) Methylene Chloride	4.729	84	45508	24.893	ug/l	87
21) trans-1,2-Dichloroethene	5.235	96	38993	20.953	ug/l	95
22) Diisopropyl ether	6.131	45	104715	21.184	ug/l	89
23) Vinyl Acetate	6.076	43	252714	105.510	ug/l #	94
24) 1,1-Dichloroethane	6.033	63	63606	20.858	ug/l	96
25) 2-Butanone	6.996	43	45168	106.645	ug/l	97
26) 2,2-Dichloropropane	6.996	77	56987	20.533	ug/l	96
27) cis-1,2-Dichloroethene	7.003	96	41228	20.557	ug/l	93
28) Bromochloromethane	7.350	49	23858	21.139	ug/l	91
29) Tetrahydrofuran	7.356	42	30157	107.725	ug/l	90
30) Chloroform	7.521	83	66282	20.882	ug/l	97
31) Cyclohexane	7.795	56	57258	19.894	ug/l	89
32) 1,1,1-Trichloroethane	7.716	97	60932	20.941	ug/l	98
36) 1,1-Dichloropropene	7.929	75	51792	19.928	ug/l	99
37) Ethyl Acetate	7.088	43	21006	20.003	ug/l #	94
38) Carbon Tetrachloride	7.917	117	54415	20.173	ug/l	96
39) Methylcyclohexane	9.197	83	62921	19.429	ug/l	93
40) Benzene	8.173	78	147816	20.243	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	10190m	19.245	ug/l	
42) 1,2-Dichloroethane	8.246	62	39279	20.761	ug/l	93
43) Isopropyl Acetate	8.283	43	41079	20.237	ug/l #	89
44) Trichloroethene	8.953	130	42050	20.037	ug/l	97
45) 1,2-Dichloropropane	9.228	63	36205	20.646	ug/l	99
46) Dibromomethane	9.313	93	19965	21.009	ug/l	95
47) Bromodichloromethane	9.508	83	50386	20.624	ug/l	97
48) Methyl methacrylate	9.301	41	23237	20.713	ug/l	87
49) 1,4-Dioxane	9.313	88	4225	418.782	ug/l #	64
51) 4-Methyl-2-Pentanone	10.081	43	106503	103.758	ug/l	91
52) Toluene	10.252	92	94309	20.432	ug/l	95
53) t-1,3-Dichloropropene	10.471	75	49114	20.737	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	58516	20.686	ug/l #	89
55) 1,1,2-Trichloroethane	10.654	97	28177	21.513	ug/l	95
56) Ethyl methacrylate	10.520	69	25036	20.249	ug/l #	87
57) 1,3-Dichloropropane	10.801	76	47342	21.204	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	86322	102.964	ug/l	93
59) 2-Hexanone	10.843	43	82569	108.145	ug/l	88
60) Dibromochloromethane	10.996	129	34306	20.943	ug/l	99
61) 1,2-Dibromoethane	11.099	107	26121	20.933	ug/l	98
64) Tetrachloroethene	10.727	164	41139	19.918	ug/l	97
65) Chlorobenzene	11.526	112	98478	20.038	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	37201	20.523	ug/l	97
67) Ethyl Benzene	11.599	91	176836	20.021	ug/l	100
68) m/p-Xylenes	11.709	106	136753	40.821	ug/l	94
69) o-Xylene	12.038	106	63065	20.276	ug/l	97
70) Styrene	12.050	104	92899	20.859	ug/l	97
71) Bromoform	12.215	173	19934	21.193	ug/l #	98
73) Isopropylbenzene	12.337	105	172786	19.870	ug/l	99
74) N-amyl acetate	12.148	43	34274	19.622	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.587	83	29193	20.922	ug/l	97
76) 1,2,3-Trichloropropane	12.636	75	22136m	21.489	ug/l	
77) Bromobenzene	12.617	156	40143	20.425	ug/l	94
78) n-propylbenzene	12.678	91	205255	19.973	ug/l	99
79) 2-Chlorotoluene	12.764	91	115211	20.343	ug/l	100
80) 1,3,5-Trimethylbenzene	12.819	105	141063	20.120	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	9808	20.667	ug/l	91
82) 4-Chlorotoluene	12.861	91	119104	20.353	ug/l	100
83) tert-Butylbenzene	13.081	119	122425	19.825	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	140279	20.320	ug/l	98
85) sec-Butylbenzene	13.257	105	177608	20.132	ug/l	100
86) p-Isopropyltoluene	13.373	119	153087	20.152	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	76472	20.225	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	75697	20.485	ug/l	98
89) n-Butylbenzene	13.703	91	142748	20.347	ug/l	97
90) Hexachloroethane	13.965	117	28859	19.693	ug/l	92
91) 1,2-Dichlorobenzene	13.745	146	66568	20.546	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	4246	19.126	ug/l	89
93) 1,2,4-Trichlorobenzene	15.013	180	38816	20.524	ug/l	99
94) Hexachlorobutadiene	15.117	225	22503	20.769	ug/l	98
95) Naphthalene	15.239	128	67344	19.910	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	31380	20.061	ug/l	98

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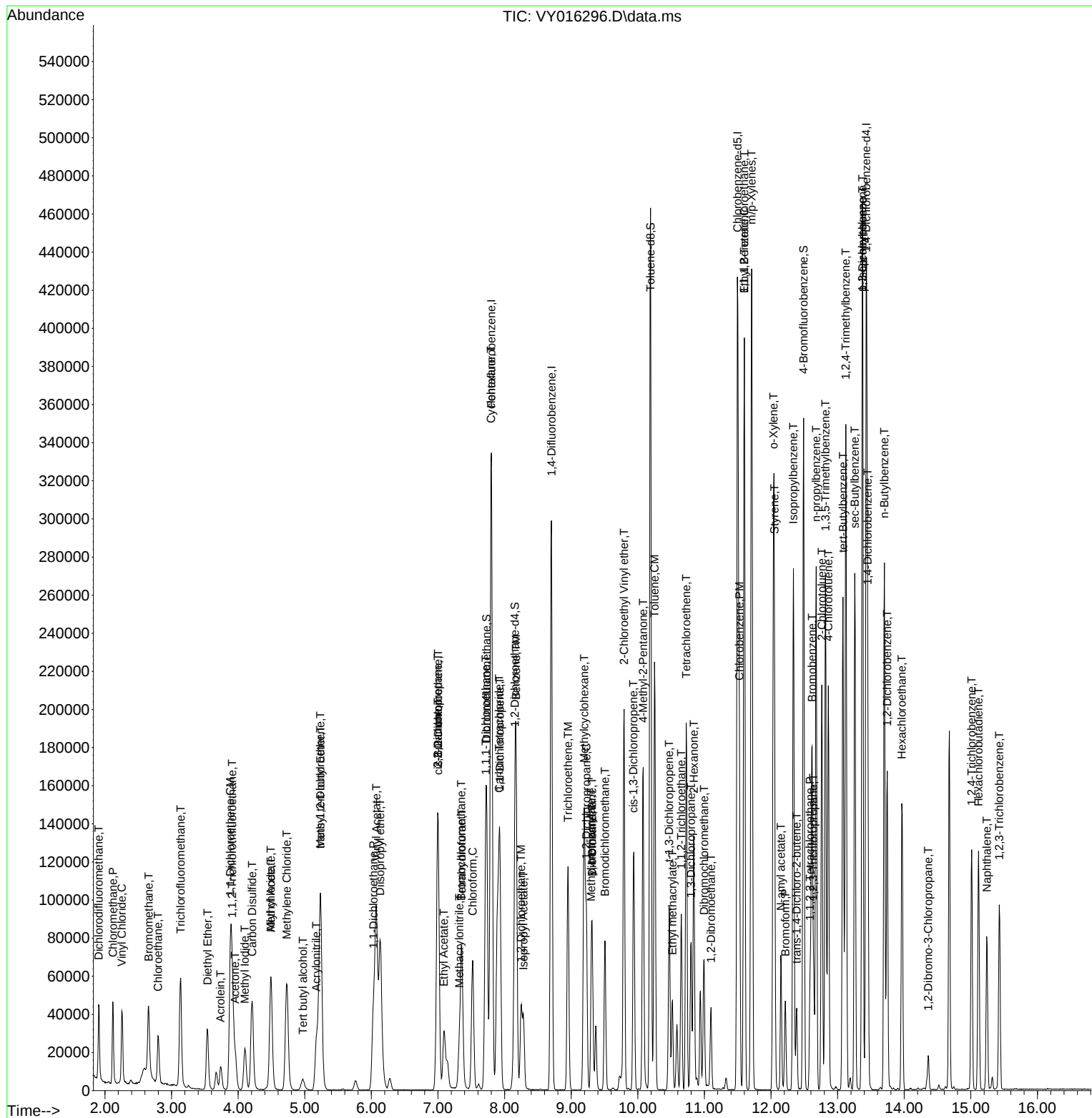
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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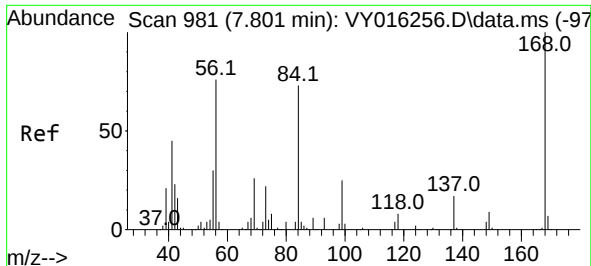
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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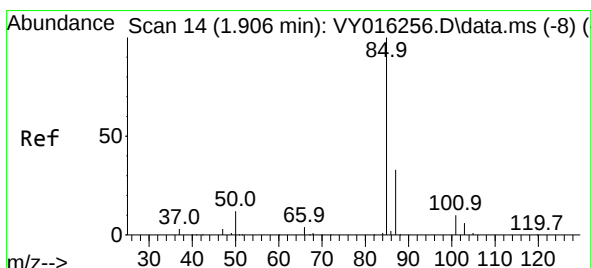
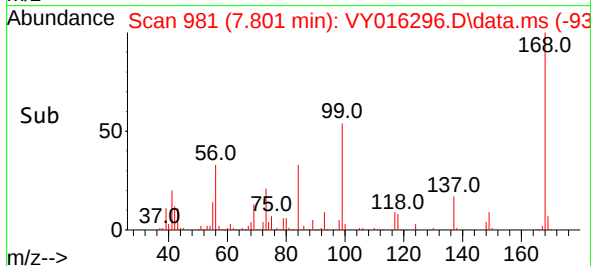
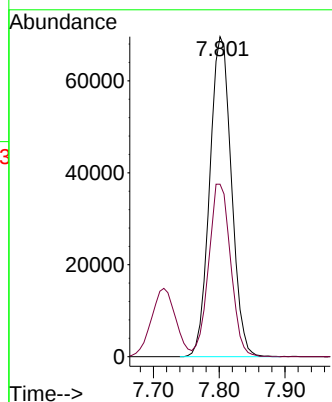
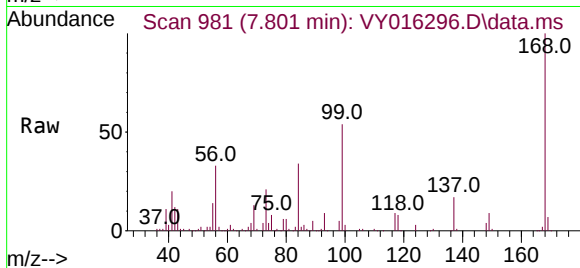




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
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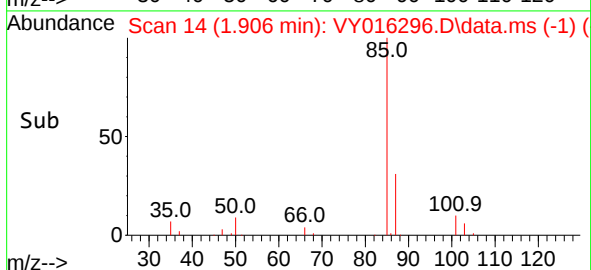
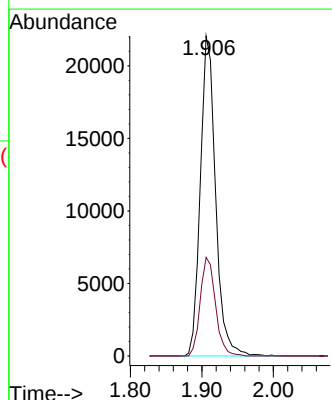
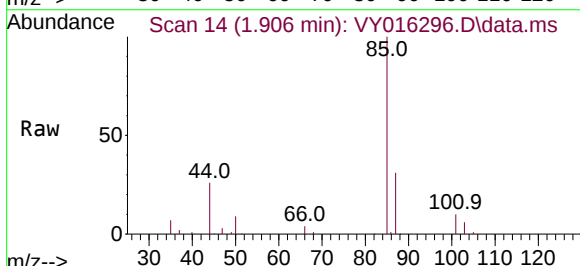
Instrument :
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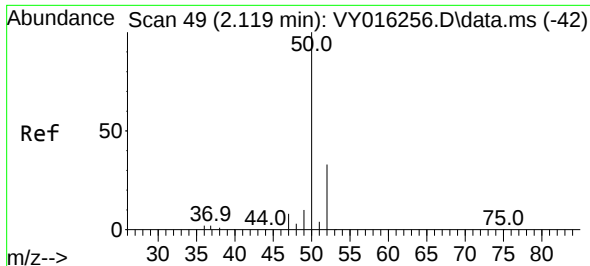
Tgt Ion:168 Resp: 159946
Ion Ratio Lower Upper
168 100
99 53.9 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 20.923 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY016296.D
Acq: 10 Nov 2023 10:04

Tgt Ion: 85 Resp: 32768
Ion Ratio Lower Upper
85 100
87 30.8 15.6 46.8

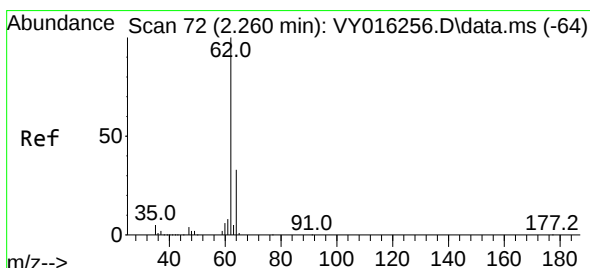
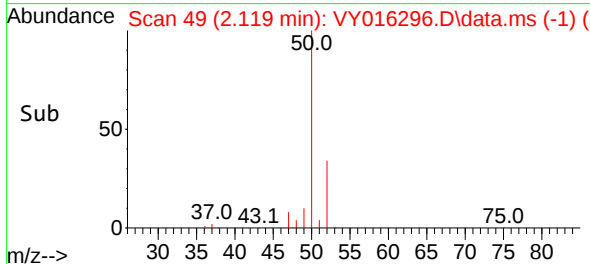
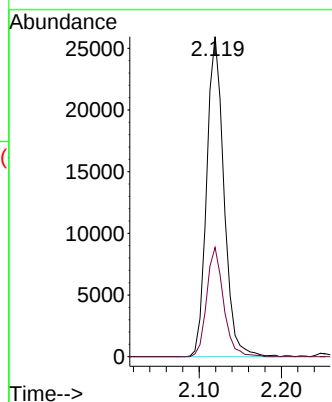
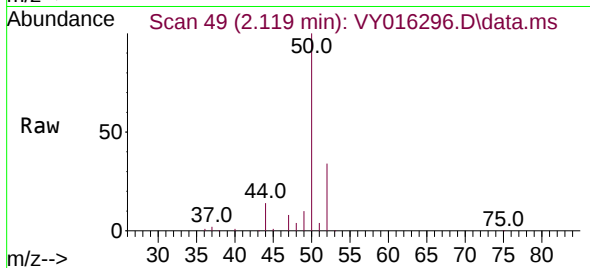




#3
Chloromethane
Concen: 20.638 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY016296.D
Acq: 10 Nov 2023 10:04

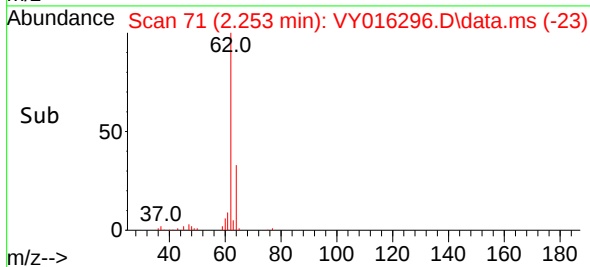
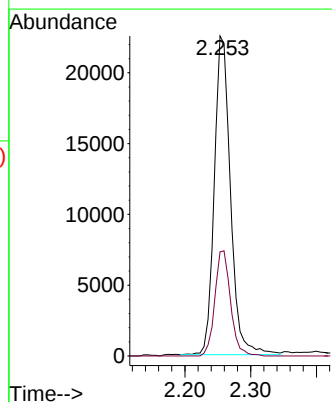
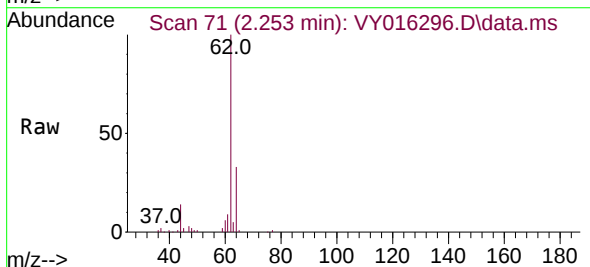
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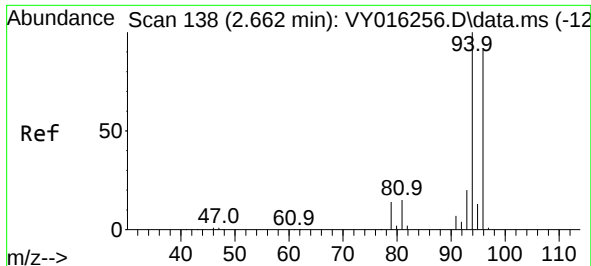
Tgt Ion: 50 Resp: 37854
Ion Ratio Lower Upper
50 100
52 34.2 25.4 38.2



#4
Vinyl Chloride
Concen: 19.555 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY016296.D
Acq: 10 Nov 2023 10:04

Tgt Ion: 62 Resp: 38569
Ion Ratio Lower Upper
62 100
64 32.7 24.3 36.5

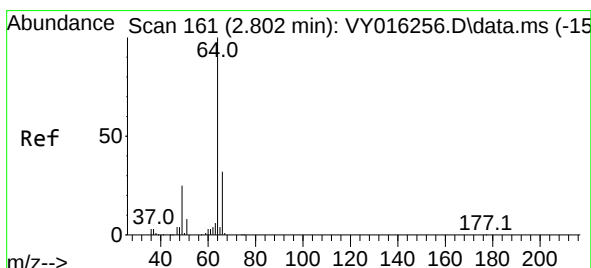
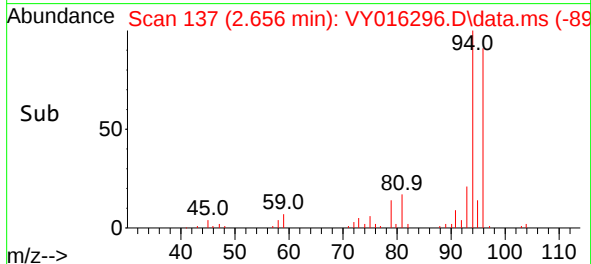
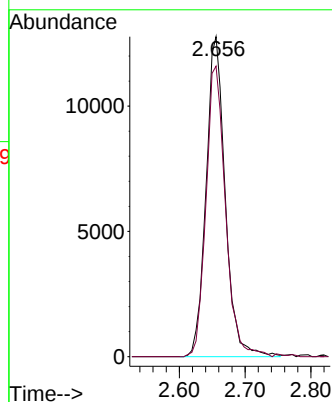
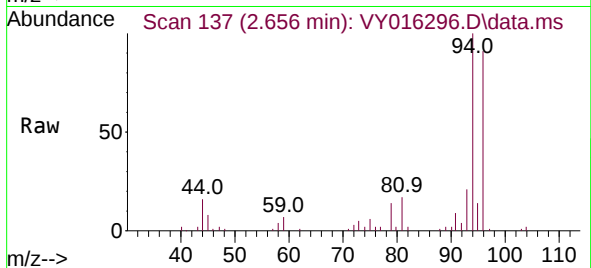




#5
Bromomethane
Concen: 19.966 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016296.D
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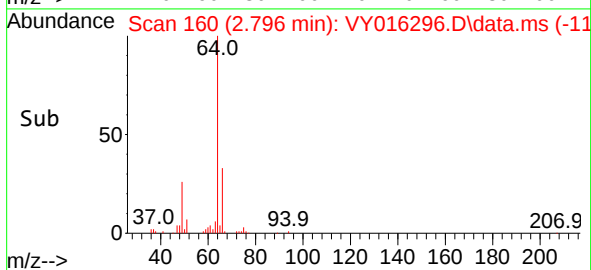
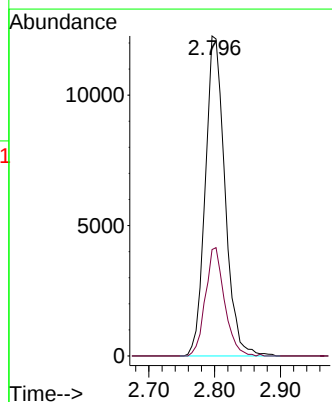
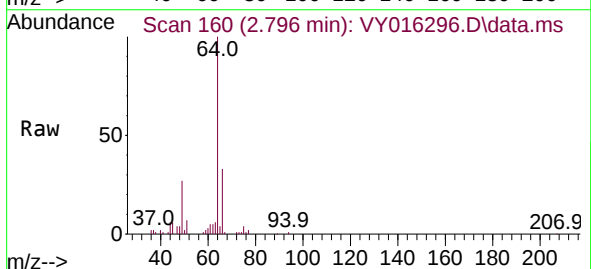
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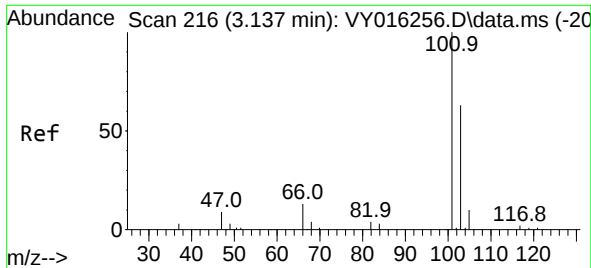
Tgt Ion: 94 Resp: 25880
Ion Ratio Lower Upper
94 100
96 90.8 75.8 113.6



#6
Chloroethane
Concen: 20.300 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.006 min
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Acq: 10 Nov 2023 10:04

Tgt Ion: 64 Resp: 25548
Ion Ratio Lower Upper
64 100
66 33.3 24.4 36.6

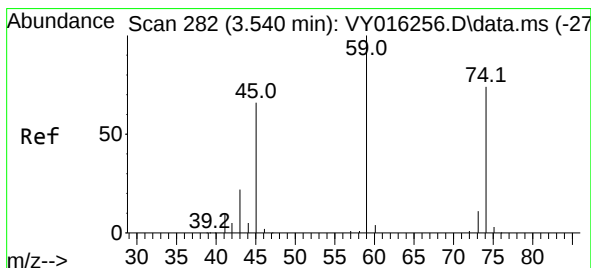
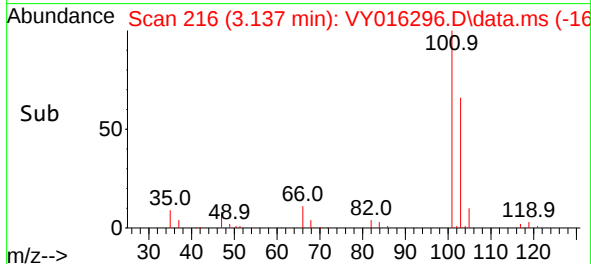
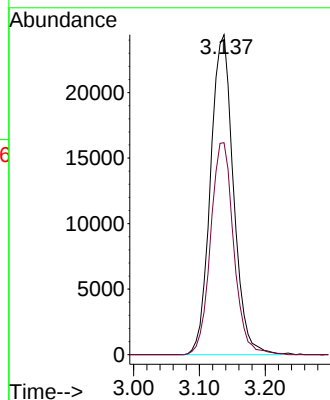
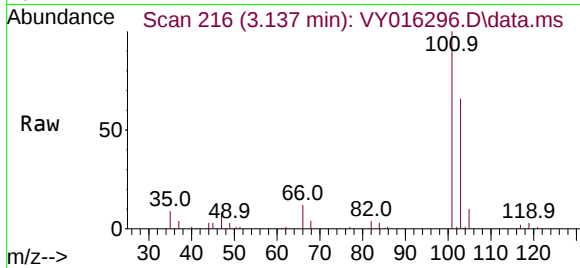




#7
 Trichlorofluoromethane
 Concen: 20.655 ug/l
 RT: 3.137 min Scan# 216
 Delta R.T. -0.000 min
 Lab File: VY016296.D
 Acq: 10 Nov 2023 10:04

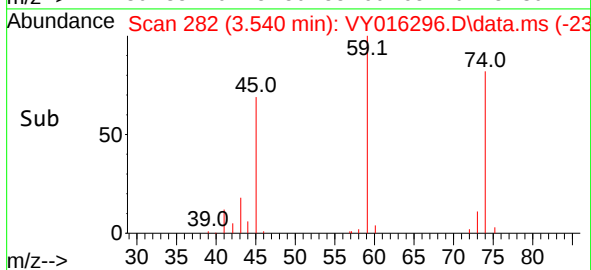
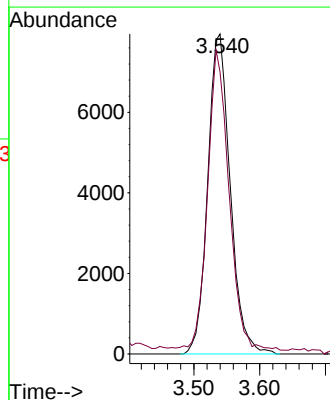
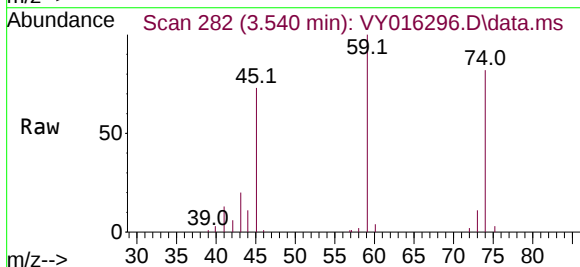
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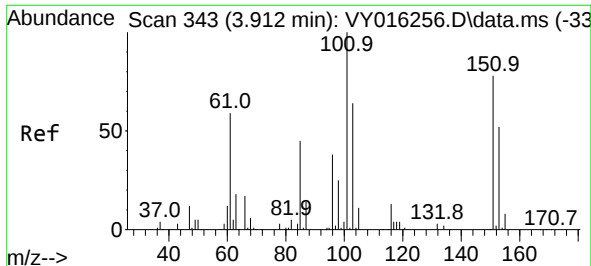
Tgt Ion:101 Resp: 59269
 Ion Ratio Lower Upper
 101 100
 103 66.2 51.4 77.0



#8
 Diethyl Ether
 Concen: 22.055 ug/l
 RT: 3.540 min Scan# 282
 Delta R.T. -0.000 min
 Lab File: VY016296.D
 Acq: 10 Nov 2023 10:04

Tgt Ion: 74 Resp: 18915
 Ion Ratio Lower Upper
 74 100
 45 89.5 51.5 154.5

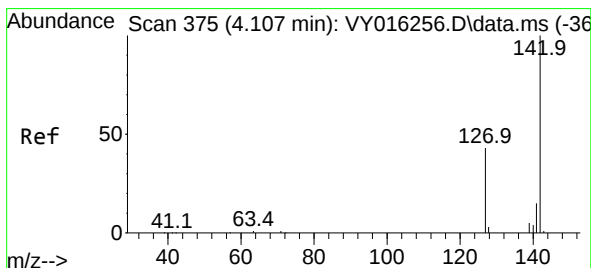
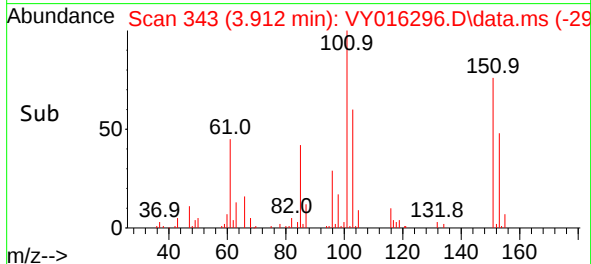
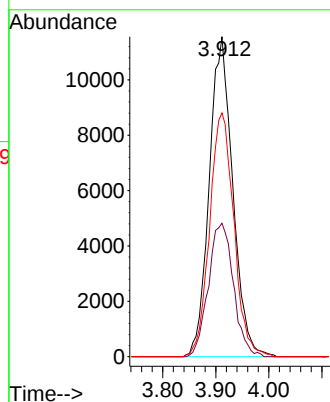
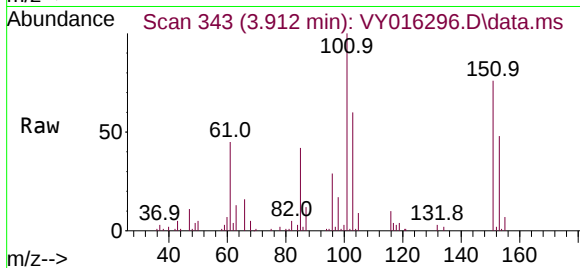




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.572 ug/l
RT: 3.912 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY016296.D
Acq: 10 Nov 2023 10:04

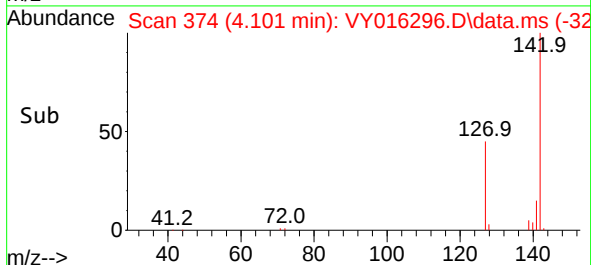
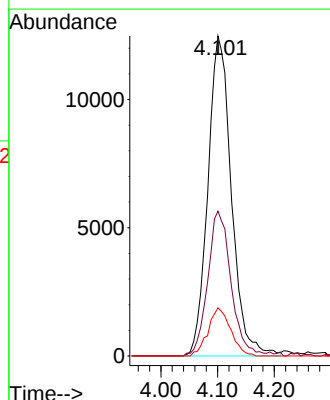
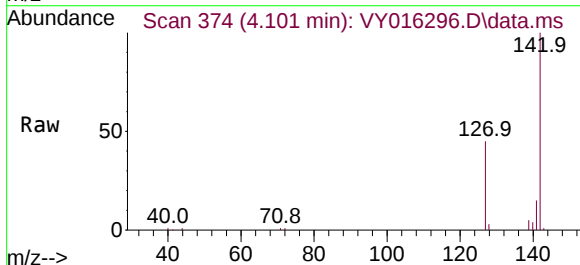
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBS01

Tgt Ion:101 Resp: 35555
Ion Ratio Lower Upper
101 100
85 44.4 36.6 55.0
151 78.6 67.0 100.6



#10
Methyl Iodide
Concen: 19.248 ug/l
RT: 4.101 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY016296.D
Acq: 10 Nov 2023 10:04

Tgt Ion:142 Resp: 35929
Ion Ratio Lower Upper
142 100
127 44.7 37.6 56.4
141 14.4 11.8 17.8

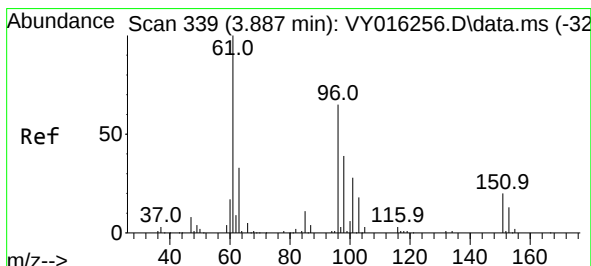
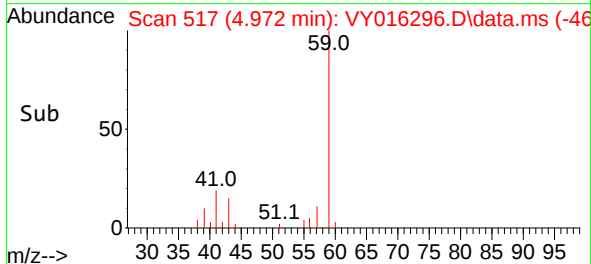
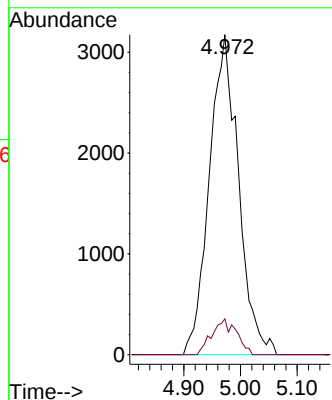
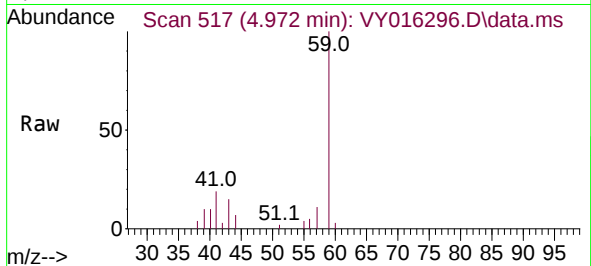




#11
Tert butyl alcohol
Concen: 99.097 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.000 min
Lab File: VY016296.D
Acq: 10 Nov 2023 10:04

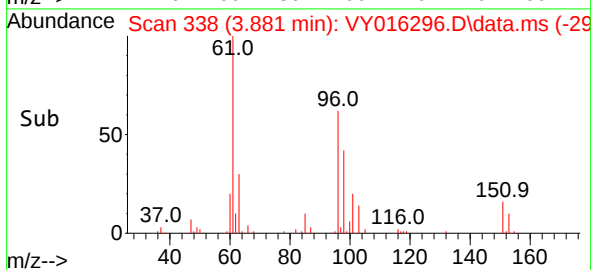
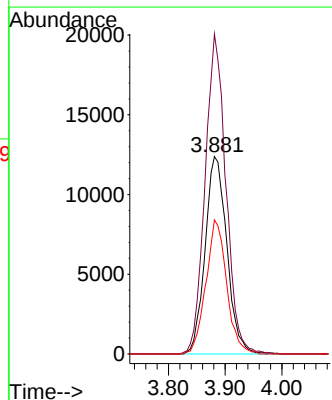
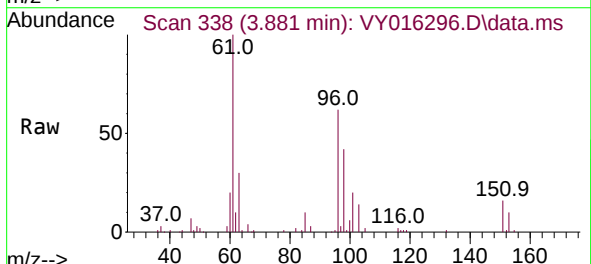
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBS01

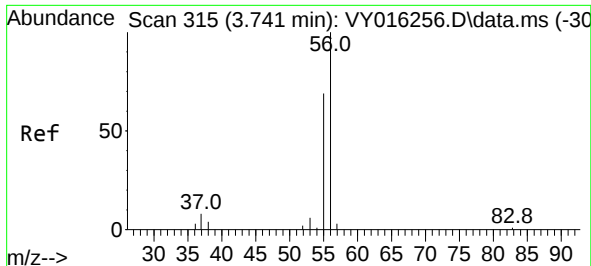
Tgt Ion: 59 Resp: 11344
Ion Ratio Lower Upper
59 100
57 9.4 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 20.466 ug/l
RT: 3.881 min Scan# 338
Delta R.T. -0.006 min
Lab File: VY016296.D
Acq: 10 Nov 2023 10:04

Tgt Ion: 96 Resp: 33080
Ion Ratio Lower Upper
96 100
61 162.1 136.4 204.6
98 68.0 49.4 74.2





#13

Acrolein

Concen: 108.259 ug/l

RT: 3.735 min Scan# 315

Delta R.T. -0.006 min

Lab File: VY016296.D

Acq: 10 Nov 2023 10:04

Instrument :

MSVOA_Y

ClientSampleId :

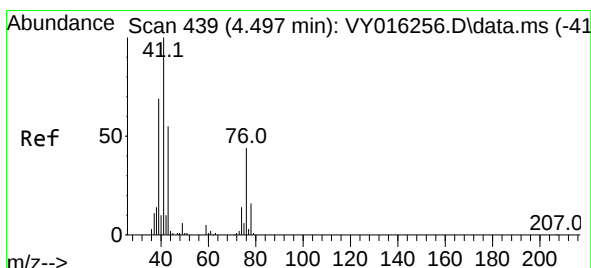
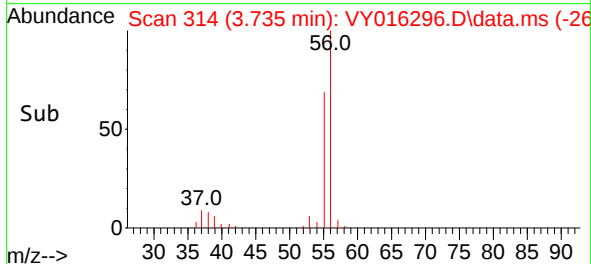
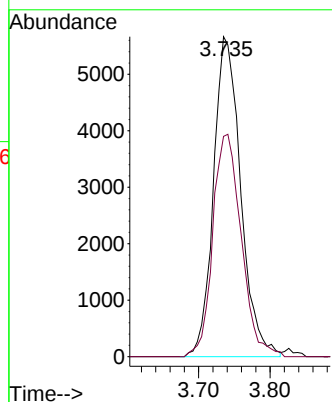
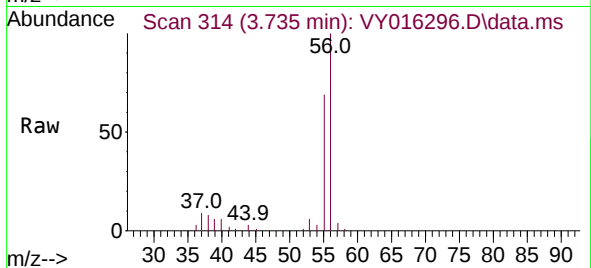
VY1110SBS01

Tgt Ion: 56 Resp: 14948

Ion Ratio Lower Upper

56 100

55 72.8 57.0 85.4



#14

Allyl chloride

Concen: 20.357 ug/l

RT: 4.491 min Scan# 438

Delta R.T. -0.006 min

Lab File: VY016296.D

Acq: 10 Nov 2023 10:04

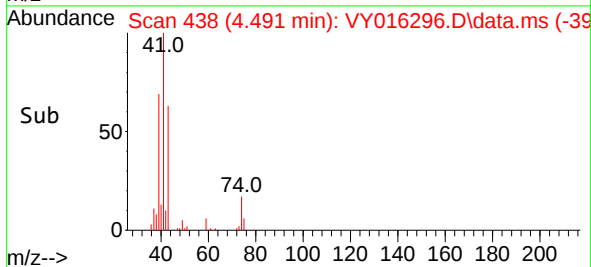
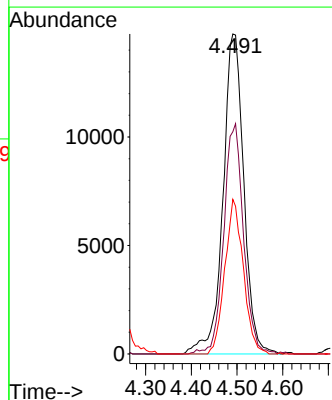
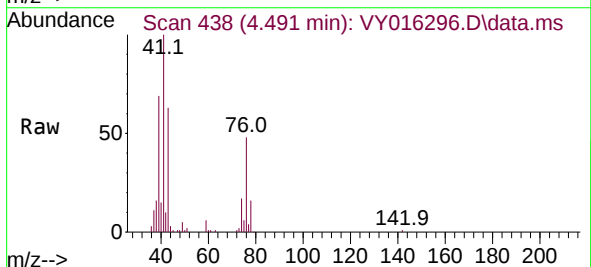
Tgt Ion: 41 Resp: 46691

Ion Ratio Lower Upper

41 100

39 68.3 58.0 87.0

76 43.1 27.4 41.2#

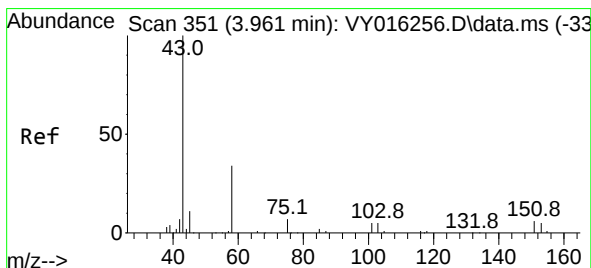
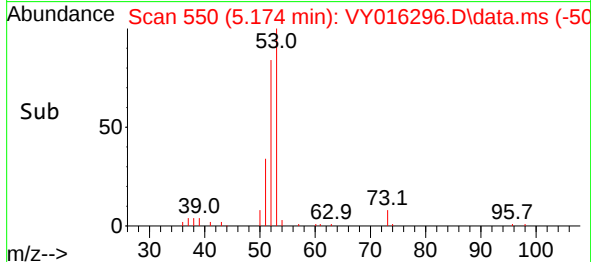
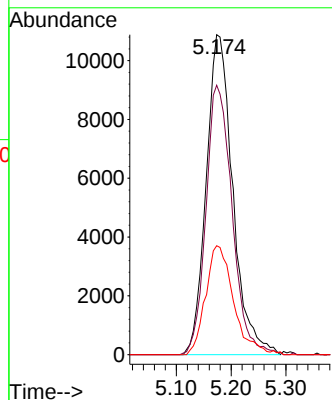
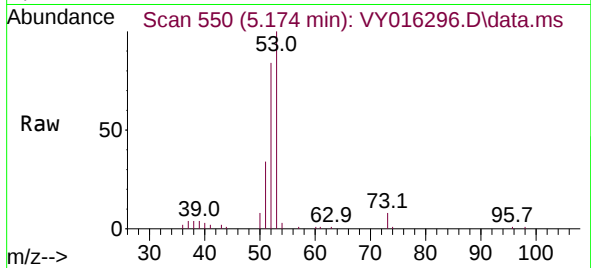




#15
Acrylonitrile
Concen: 107.524 ug/l
RT: 5.174 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016296.D
Acq: 10 Nov 2023 10:04

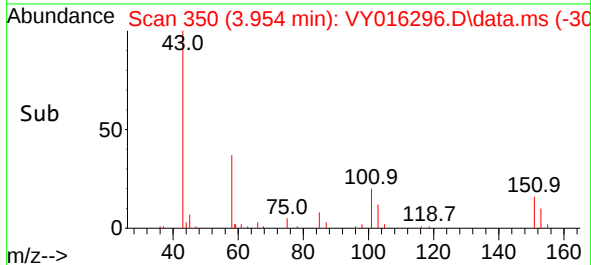
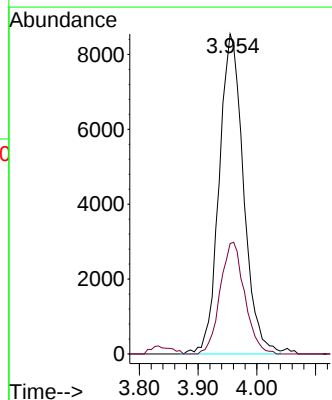
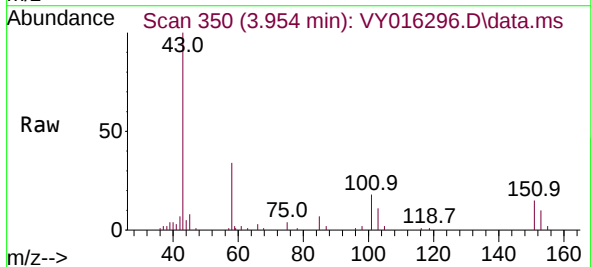
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBS01

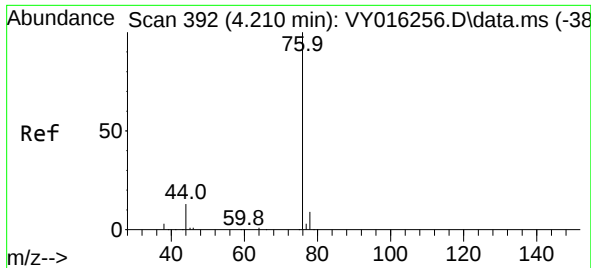
Tgt Ion: 53	Resp: 36595
Ion Ratio	Lower Upper
53 100	
52 83.1	66.9 100.3
51 35.6	29.8 44.6



#16
Acetone
Concen: 101.953 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY016296.D
Acq: 10 Nov 2023 10:04

Tgt Ion: 43	Resp: 24653
Ion Ratio	Lower Upper
43 100	
58 34.5	22.7 34.1#





#17

Carbon Disulfide

Concen: 20.165 ug/l

RT: 4.210 min Scan# 392

Delta R.T. -0.000 min

Lab File: VY016296.D

Acq: 10 Nov 2023 10:04

Instrument :

MSVOA_Y

ClientSampleId :

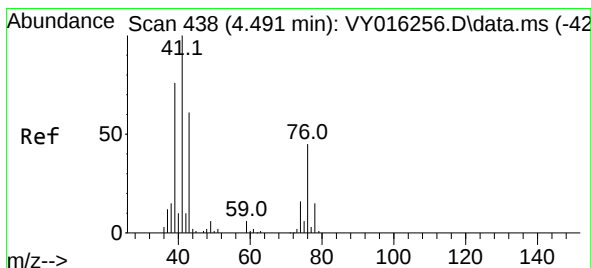
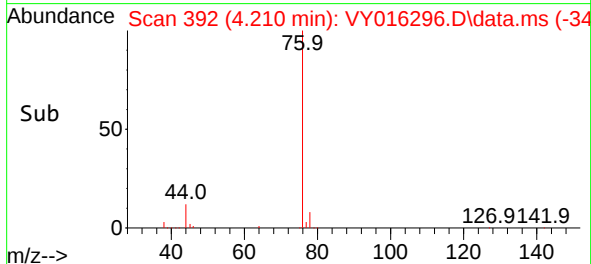
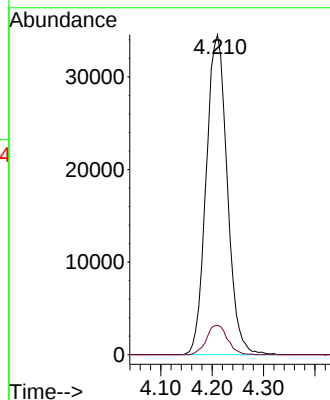
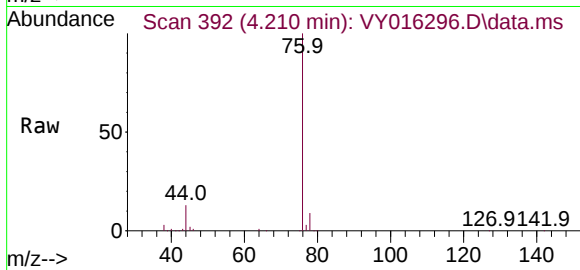
VY1110SBS01

Tgt Ion: 76 Resp: 98338

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.4



#18

Methyl Acetate

Concen: 21.174 ug/l

RT: 4.491 min Scan# 438

Delta R.T. -0.000 min

Lab File: VY016296.D

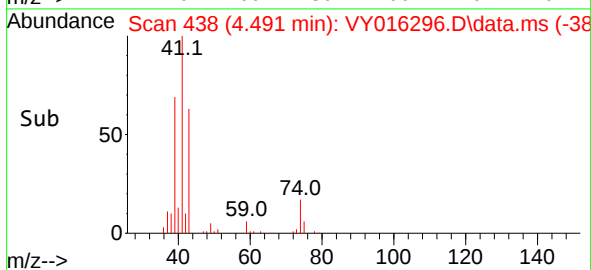
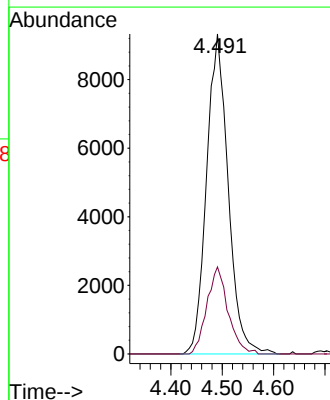
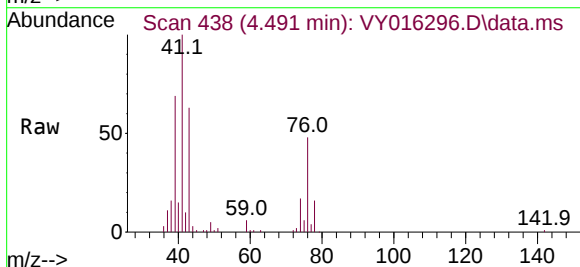
Acq: 10 Nov 2023 10:04

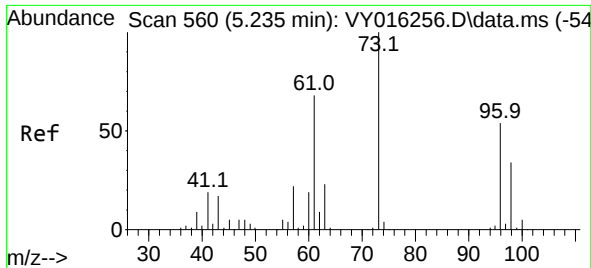
Tgt Ion: 43 Resp: 27206

Ion Ratio Lower Upper

43 100

74 26.7 17.4 26.0#

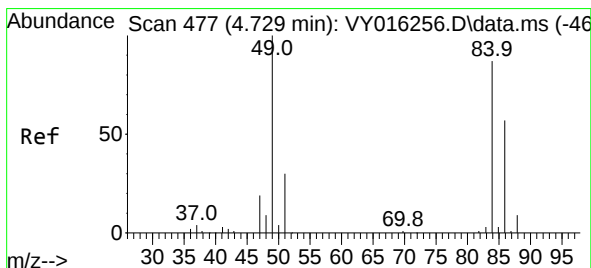
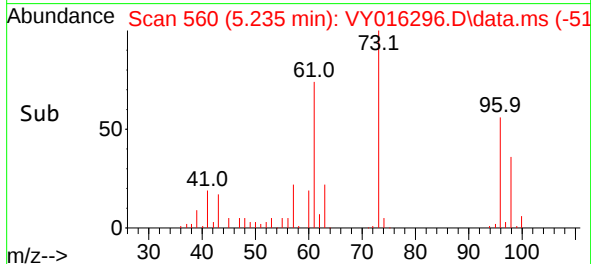
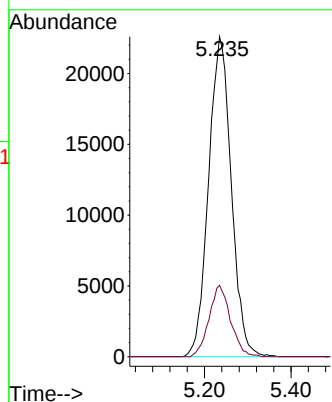
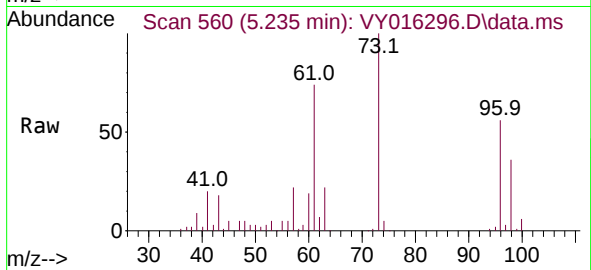




#19
Methyl tert-butyl Ether
Concen: 21.043 ug/l
RT: 5.235 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY016296.D
Acq: 10 Nov 2023 10:04

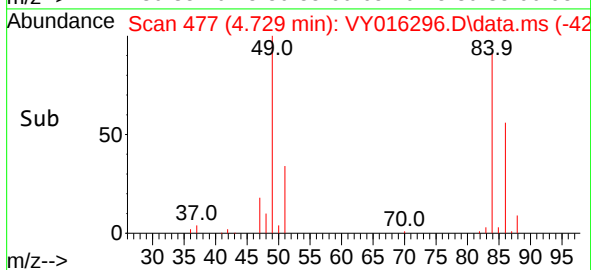
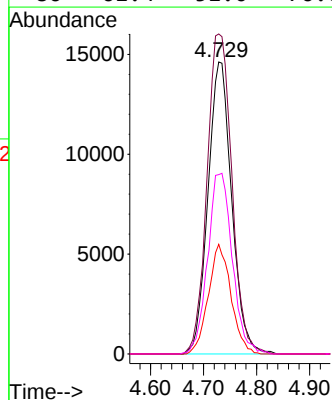
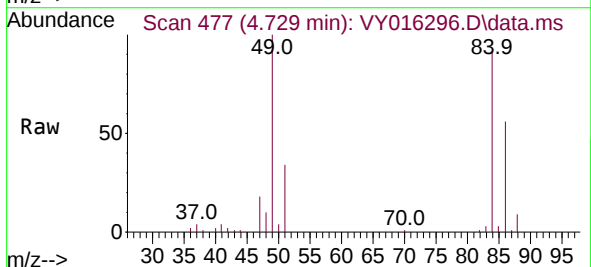
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBS01

Tgt Ion: 73 Resp: 82319
Ion Ratio Lower Upper
73 100
57 22.3 17.3 25.9



#20
Methylene Chloride
Concen: 24.893 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY016296.D
Acq: 10 Nov 2023 10:04

Tgt Ion: 84 Resp: 45508
Ion Ratio Lower Upper
84 100
49 109.6 106.9 160.3
51 37.5 33.2 49.8
86 61.4 51.0 76.6

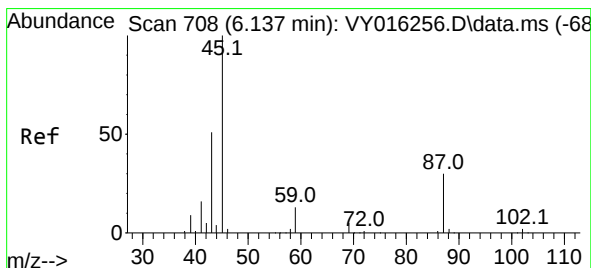
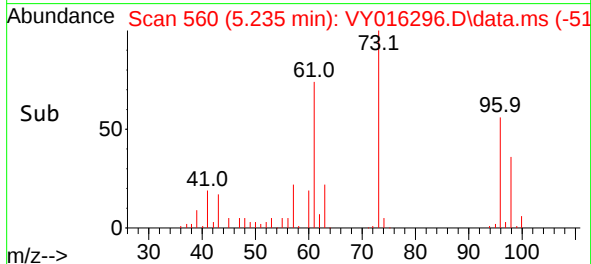
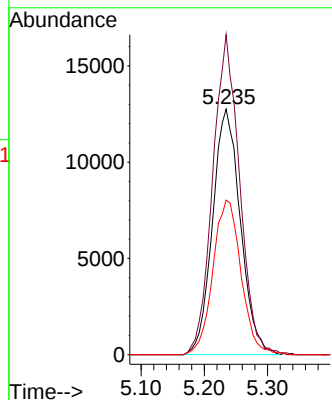
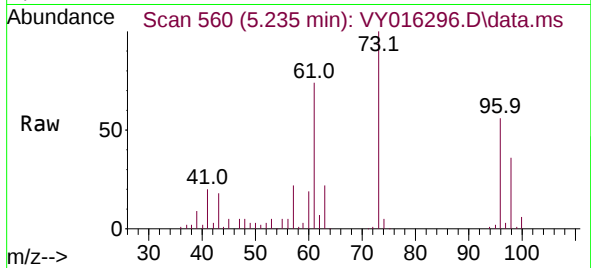




#21
trans-1,2-Dichloroethene
Concen: 20.953 ug/l
RT: 5.235 min Scan# 50
Delta R.T. -0.000 min
Lab File: VY016296.D
Acq: 10 Nov 2023 10:04

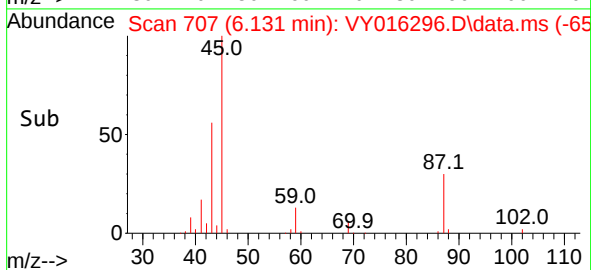
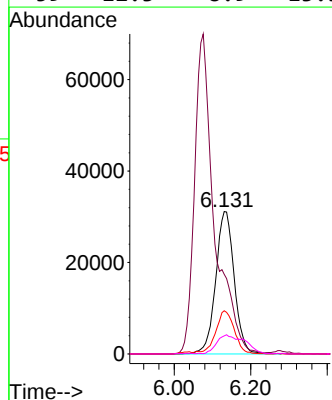
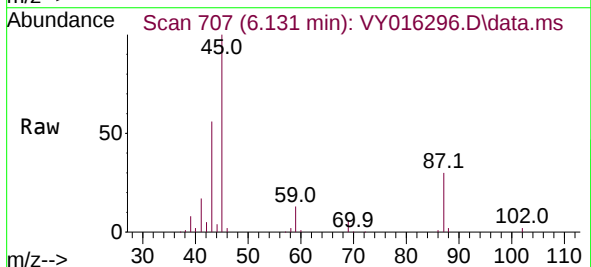
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBS01

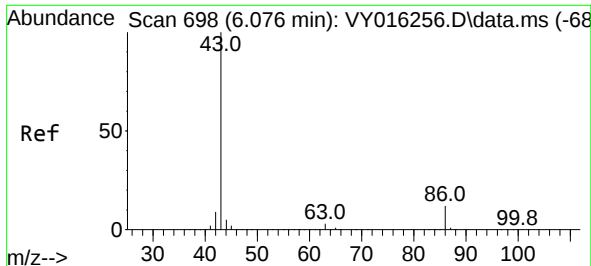
Tgt Ion: 96 Resp: 38993
Ion Ratio Lower Upper
96 100
61 130.3 110.2 165.4
98 62.9 51.8 77.6



#22
Diisopropyl ether
Concen: 21.184 ug/l
RT: 6.131 min Scan# 707
Delta R.T. -0.006 min
Lab File: VY016296.D
Acq: 10 Nov 2023 10:04

Tgt Ion: 45 Resp: 104715
Ion Ratio Lower Upper
45 100
43 54.6 52.2 78.4
87 30.1 21.0 31.6
59 12.3 8.9 13.3

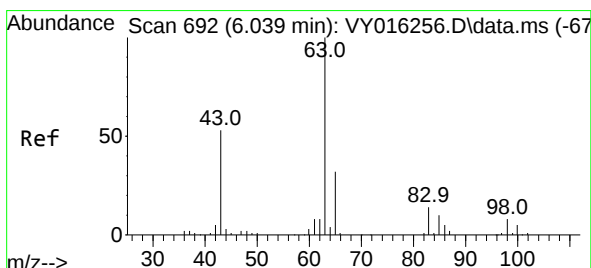
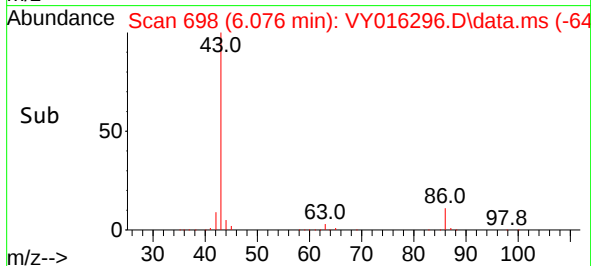
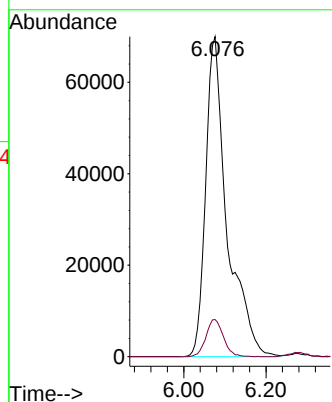
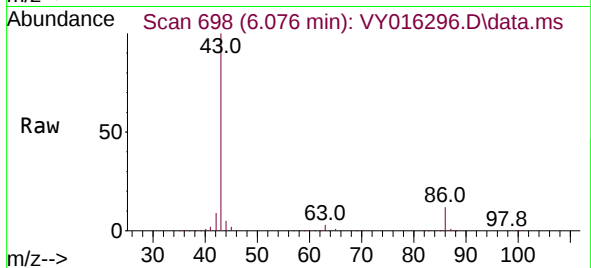




#23
 Vinyl Acetate
 Concen: 105.510 ug/l
 RT: 6.076 min Scan# 698
 Delta R.T. -0.000 min
 Lab File: VY016296.D
 Acq: 10 Nov 2023 10:04

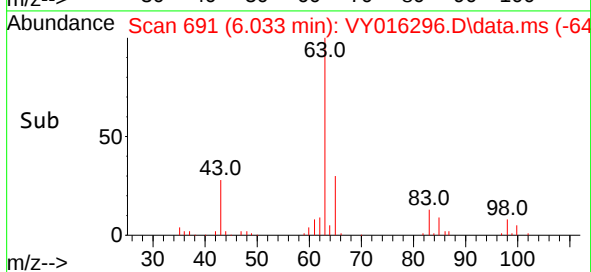
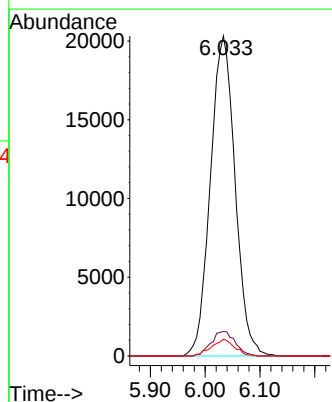
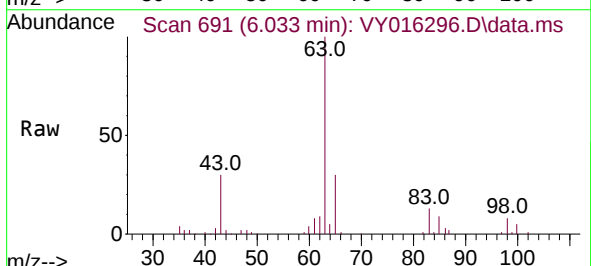
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1110SBS01

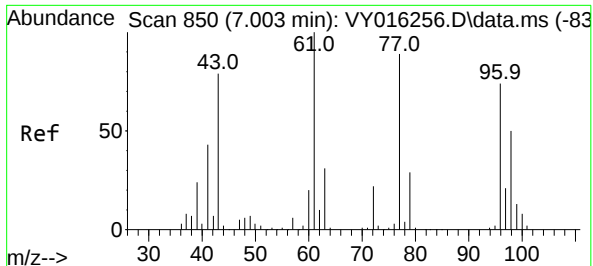
Tgt Ion: 43 Resp: 252714
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 20.858 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. -0.006 min
 Lab File: VY016296.D
 Acq: 10 Nov 2023 10:04

Tgt Ion: 63 Resp: 63606
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.1 9.4
 100 5.3 1.8 5.5

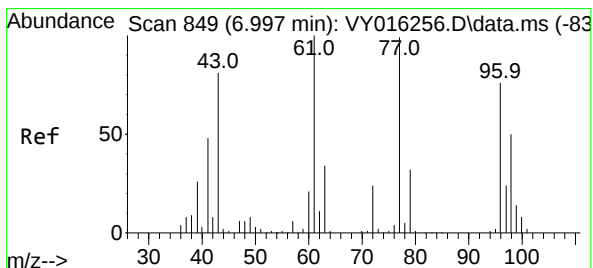
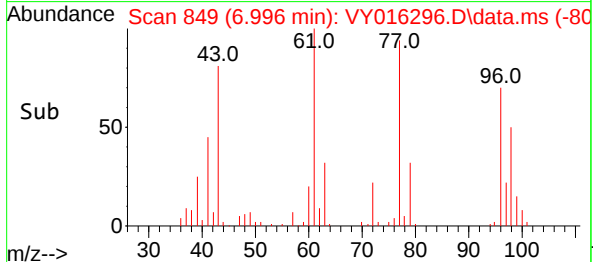
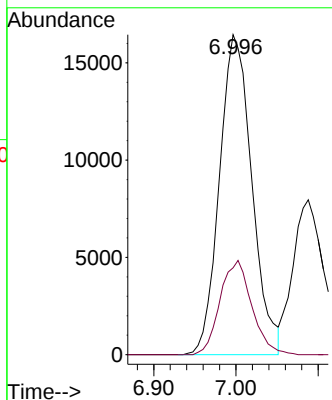
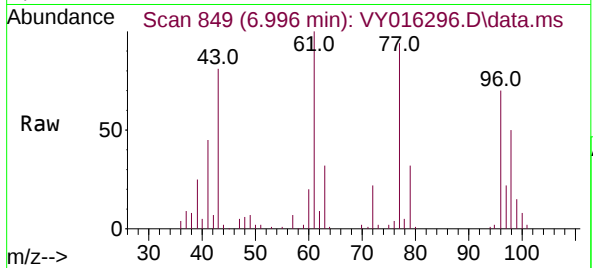




#25
2-Butanone
Concen: 106.645 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY016296.D
Acq: 10 Nov 2023 10:04

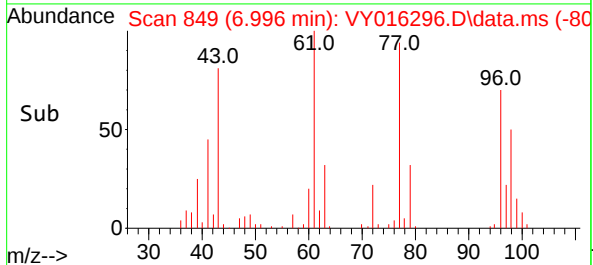
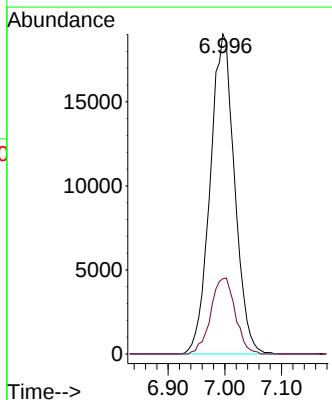
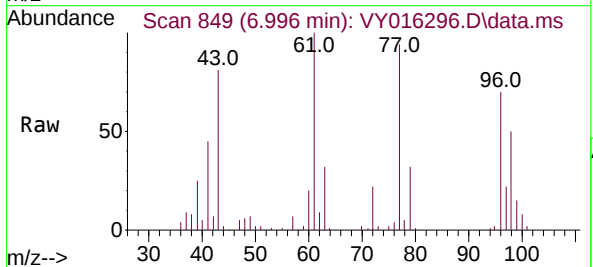
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBS01

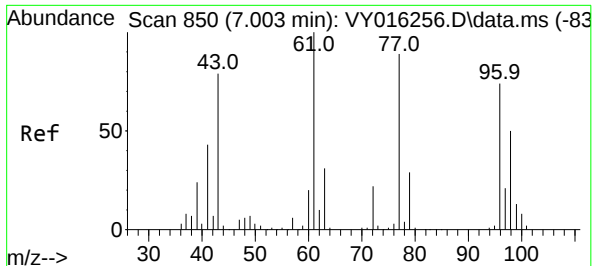
Tgt Ion: 43 Resp: 45168
Ion Ratio Lower Upper
43 100
72 27.1 20.5 30.7



#26
2,2-Dichloropropane
Concen: 20.533 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY016296.D
Acq: 10 Nov 2023 10:04

Tgt Ion: 77 Resp: 56987
Ion Ratio Lower Upper
77 100
97 23.8 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 20.557 ug/l

RT: 7.003 min Scan# 850

Delta R.T. -0.000 min

Lab File: VY016296.D

Acq: 10 Nov 2023 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VY1110SBS01

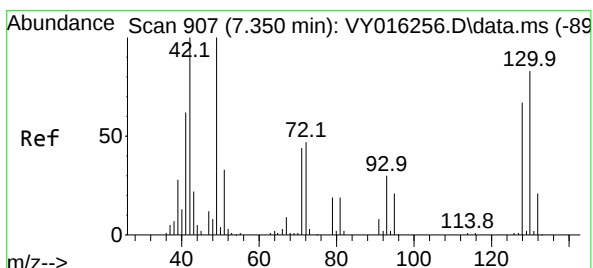
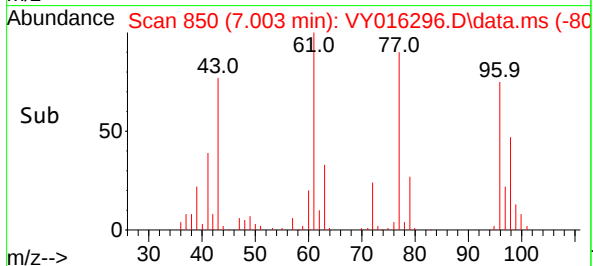
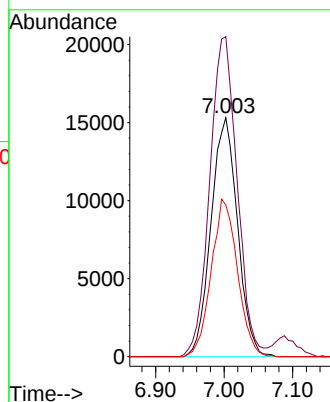
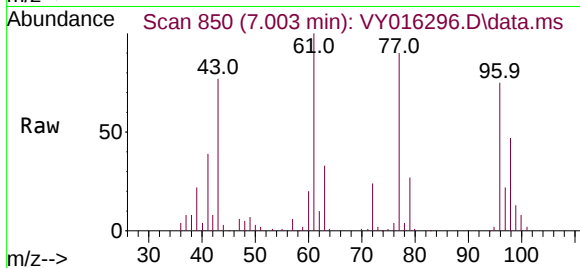
Tgt Ion: 96 Resp: 41228

Ion Ratio Lower Upper

96 100

61 137.9 0.0 301.4

98 65.1 0.0 130.4



#28

Bromochloromethane

Concen: 21.139 ug/l

RT: 7.350 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY016296.D

Acq: 10 Nov 2023 10:04

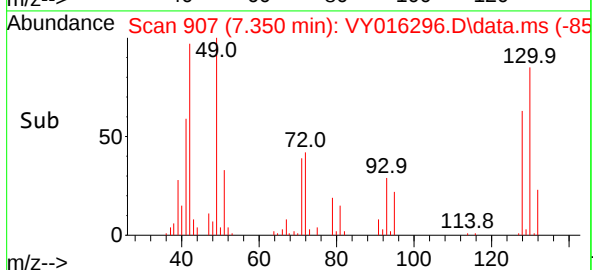
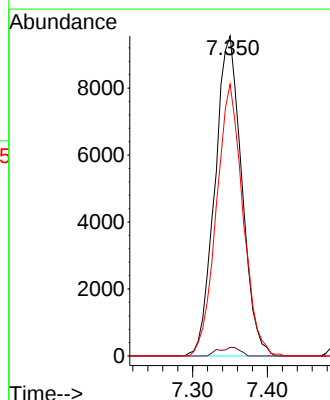
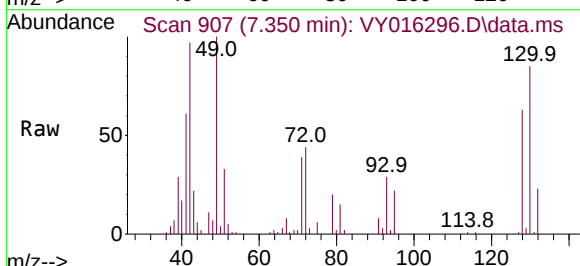
Tgt Ion: 49 Resp: 23858

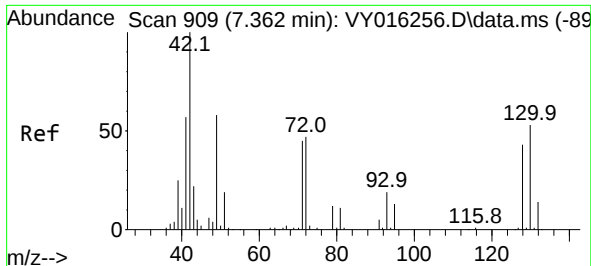
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

130 83.8 60.7 91.1





#29

Tetrahydrofuran

Concen: 107.725 ug/l

RT: 7.356 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY016296.D

Acq: 10 Nov 2023 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VY1110SBS01

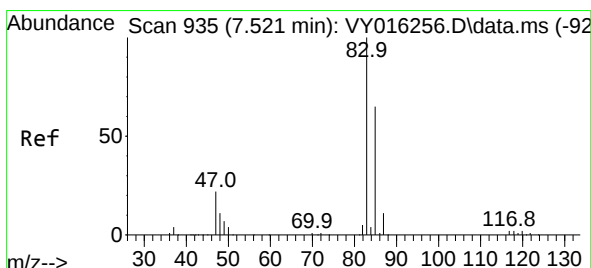
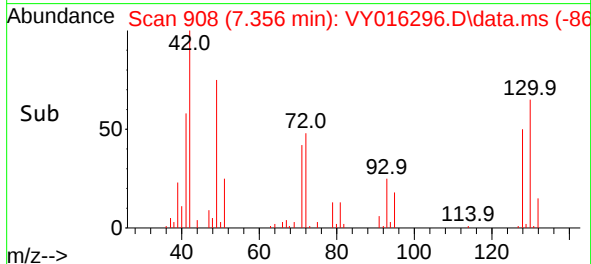
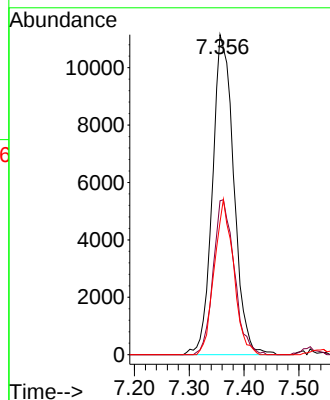
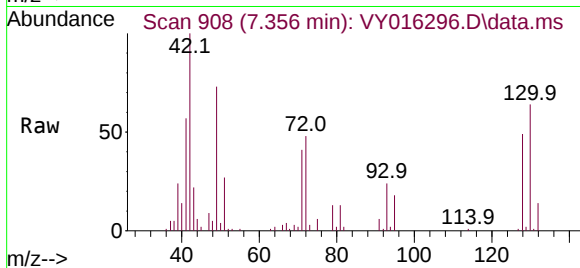
Tgt Ion: 42 Resp: 30157

Ion Ratio Lower Upper

42 100

72 47.7 32.8 49.2

71 43.7 31.0 46.4



#30

Chloroform

Concen: 20.882 ug/l

RT: 7.521 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY016296.D

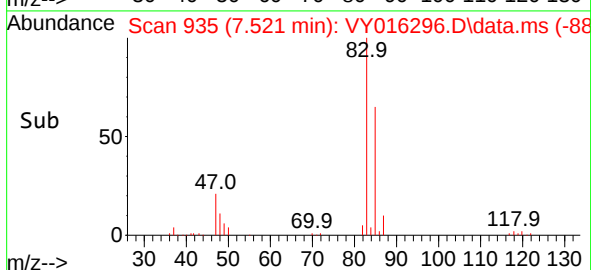
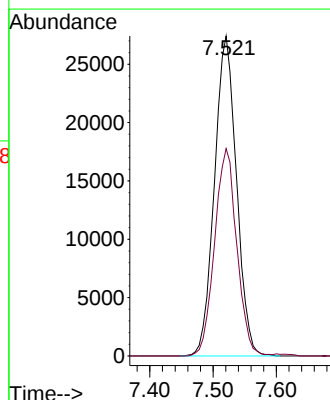
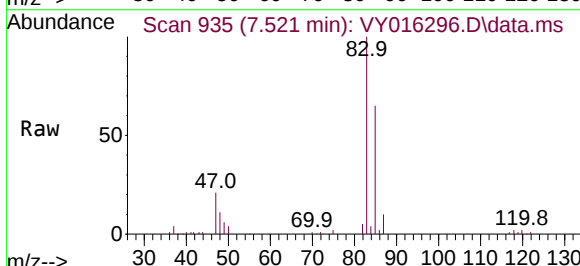
Acq: 10 Nov 2023 10:04

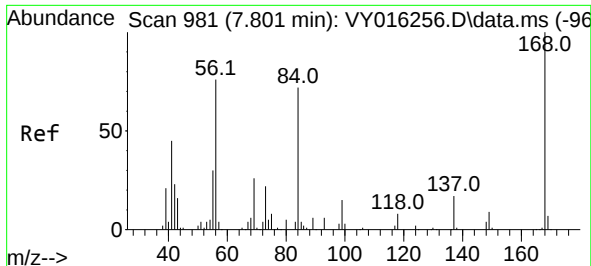
Tgt Ion: 83 Resp: 66282

Ion Ratio Lower Upper

83 100

85 64.8 49.7 74.5

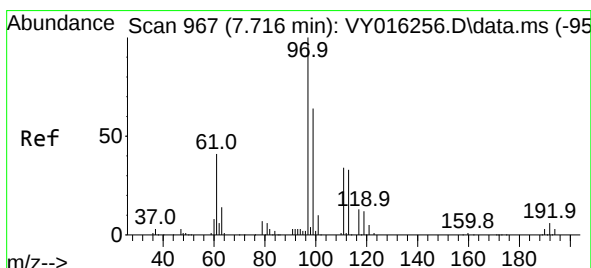
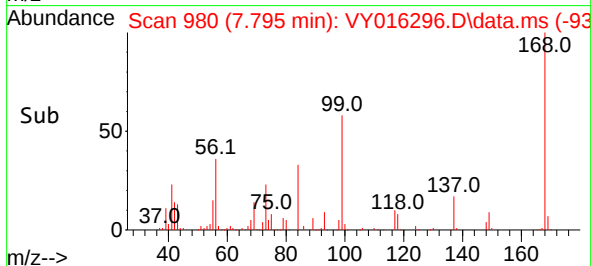
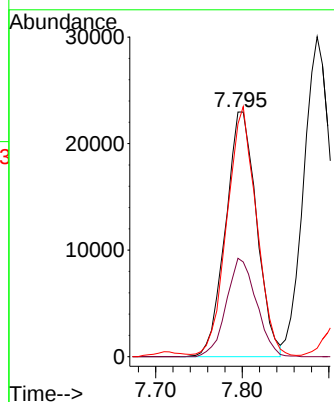
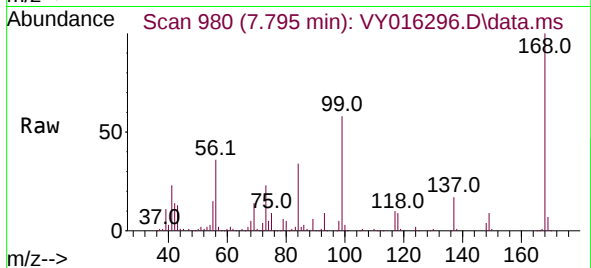




#31
Cyclohexane
Concen: 19.894 ug/l
RT: 7.795 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY016296.D
Acq: 10 Nov 2023 10:04

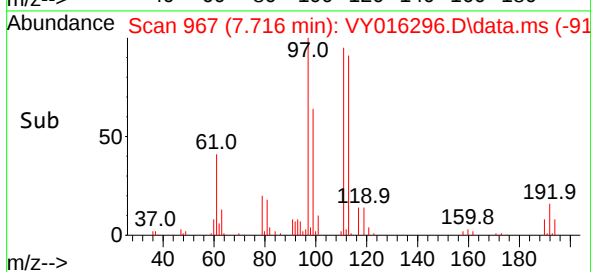
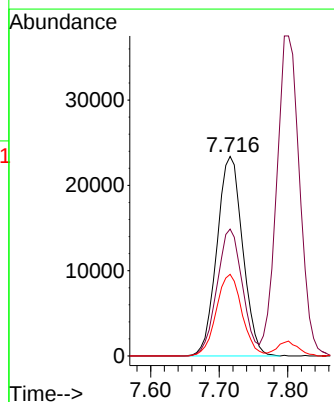
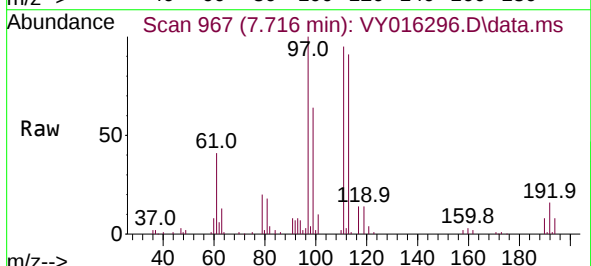
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBS01

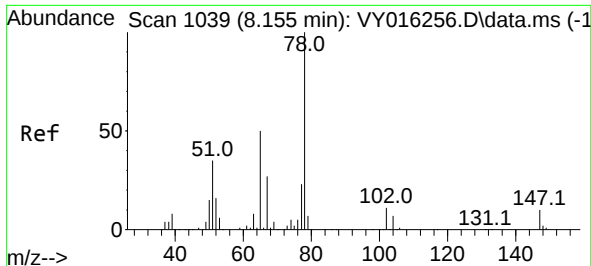
Tgt Ion: 56 Resp: 57258
Ion Ratio Lower Upper
56 100
69 40.2 27.8 41.6
84 93.8 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 20.941 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY016296.D
Acq: 10 Nov 2023 10:04

Tgt Ion: 97 Resp: 60932
Ion Ratio Lower Upper
97 100
99 63.2 50.8 76.2
61 40.8 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 51.690 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY016296.D

Acq: 10 Nov 2023 10:04

Instrument :

MSVOA_Y

ClientSampleId :

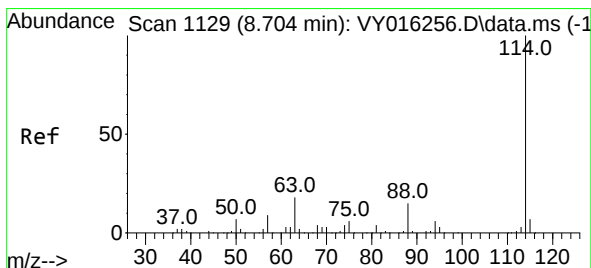
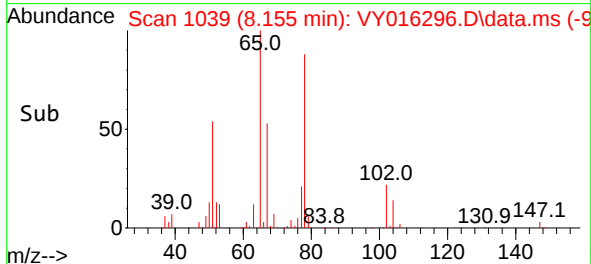
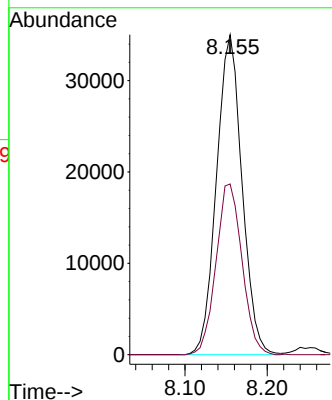
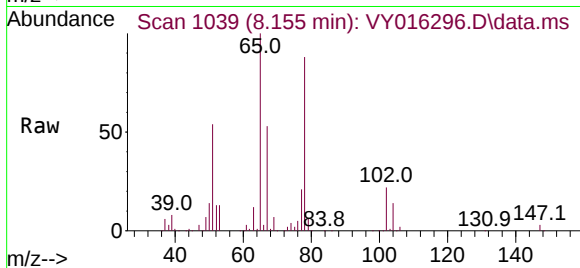
VY1110SBS01

Tgt Ion: 65 Resp: 75563

Ion Ratio Lower Upper

65 100

67 54.2 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VY016296.D

Acq: 10 Nov 2023 10:04

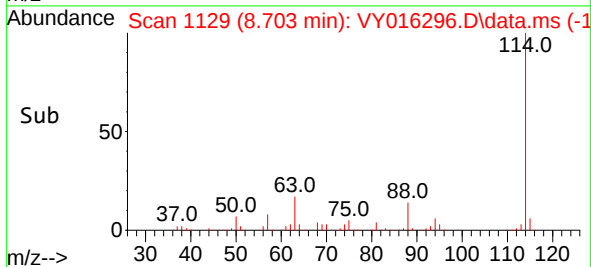
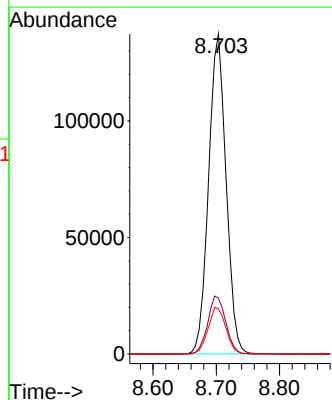
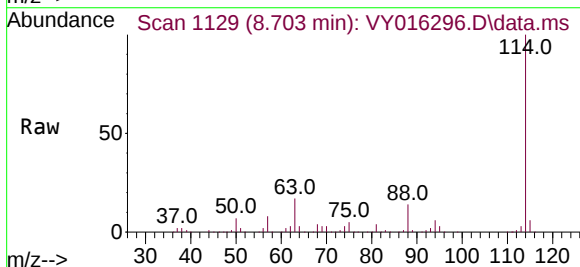
Tgt Ion: 114 Resp: 263485

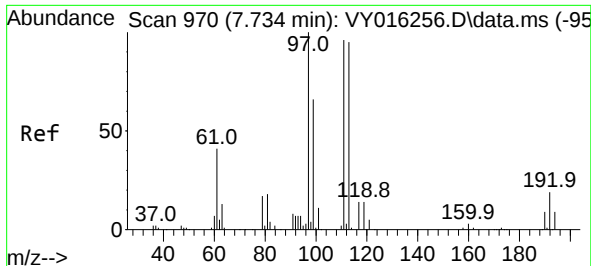
Ion Ratio Lower Upper

114 100

63 17.4 0.0 42.4

88 14.1 0.0 30.6

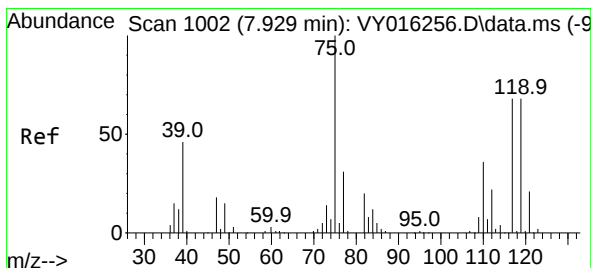
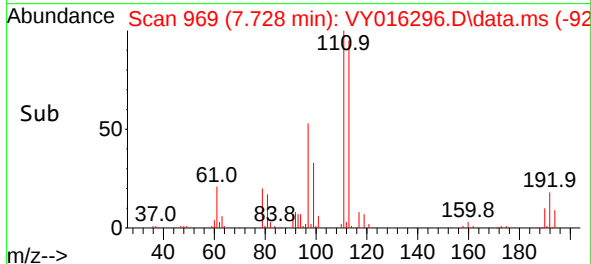
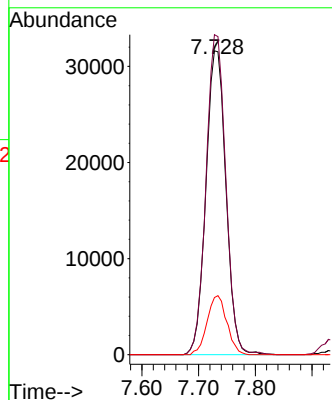
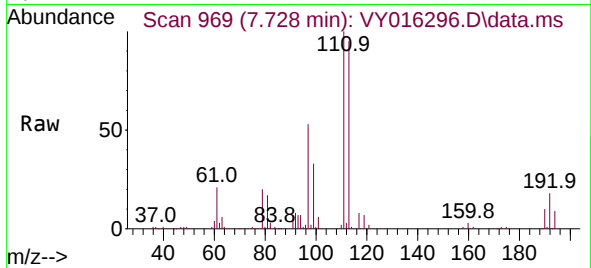




#35
Dibromofluoromethane
Concen: 51.938 ug/l
RT: 7.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016296.D
Acq: 10 Nov 2023 10:04

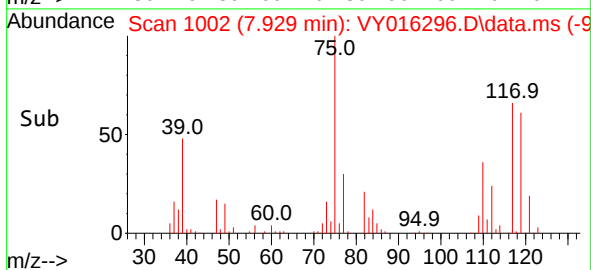
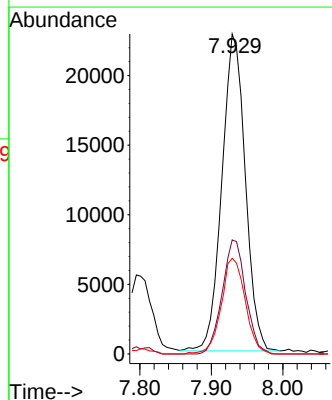
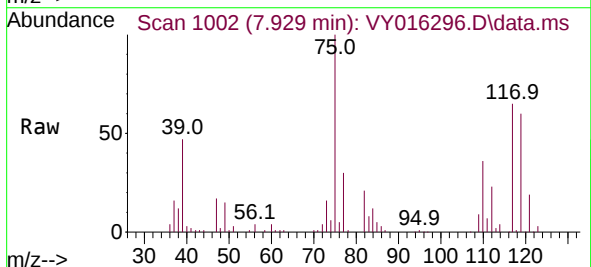
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBS01

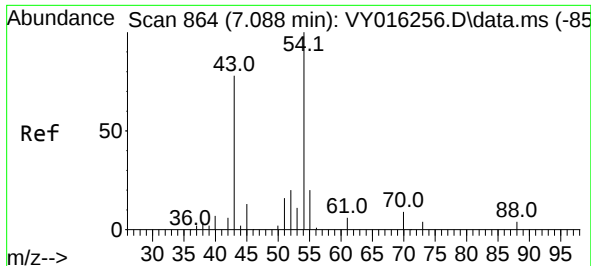
Tgt Ion:113 Resp: 77739
Ion Ratio Lower Upper
113 100
111 103.8 81.3 121.9
192 19.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 19.928 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. -0.000 min
Lab File: VY016296.D
Acq: 10 Nov 2023 10:04

Tgt Ion: 75 Resp: 51792
Ion Ratio Lower Upper
75 100
110 36.0 17.8 53.5
77 30.9 24.4 36.6





#37

Ethyl Acetate

Concen: 20.003 ug/l

RT: 7.088 min Scan# 864

Delta R.T. -0.000 min

Lab File: VY016296.D

Acq: 10 Nov 2023 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VY1110SBS01

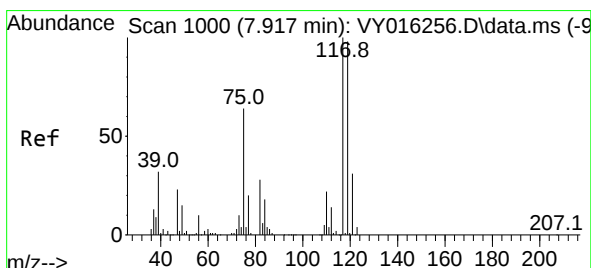
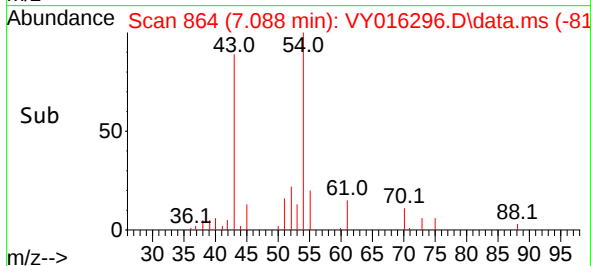
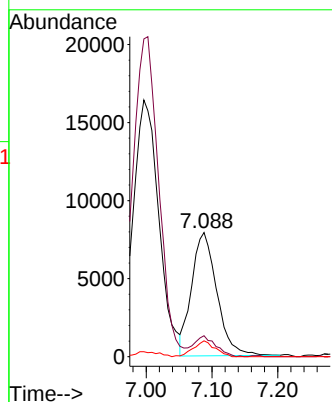
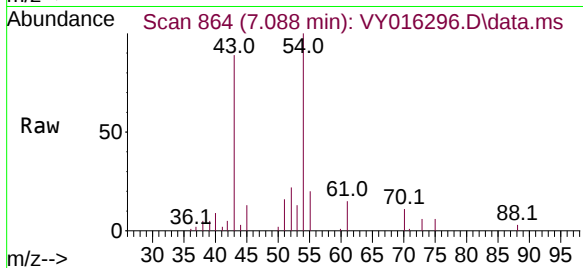
Tgt Ion: 43 Resp: 21006

Ion Ratio Lower Upper

43 100

61 15.1 10.1 15.1#

70 11.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 20.173 ug/l

RT: 7.917 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VY016296.D

Acq: 10 Nov 2023 10:04

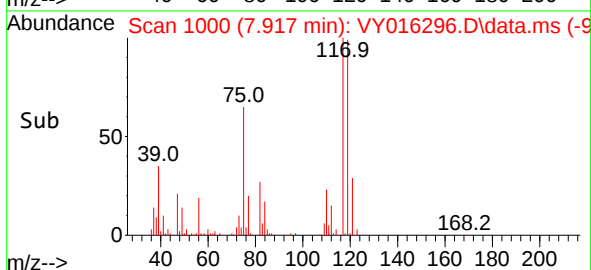
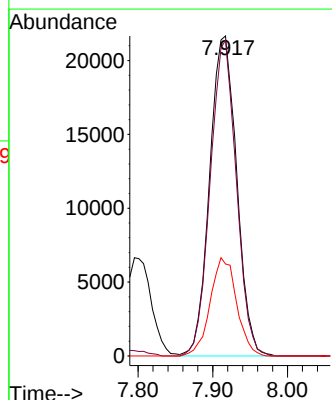
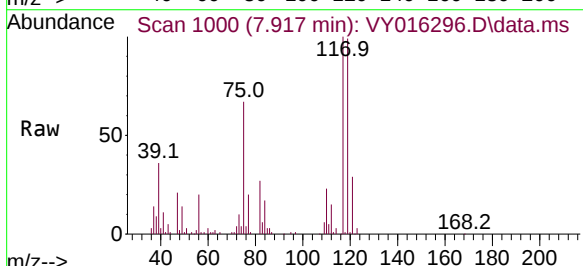
Tgt Ion: 117 Resp: 54415

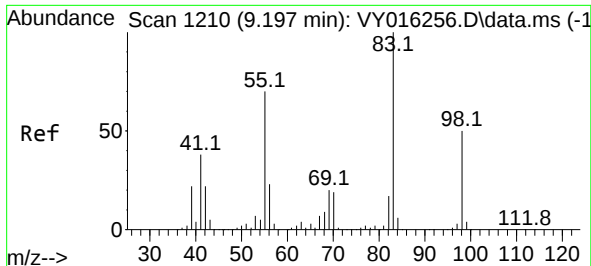
Ion Ratio Lower Upper

117 100

119 98.7 76.4 114.6

121 28.8 25.8 38.6





#39

Methylcyclohexane

Concen: 19.429 ug/l

RT: 9.197 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016296.D

Acq: 10 Nov 2023 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VY1110SBS01

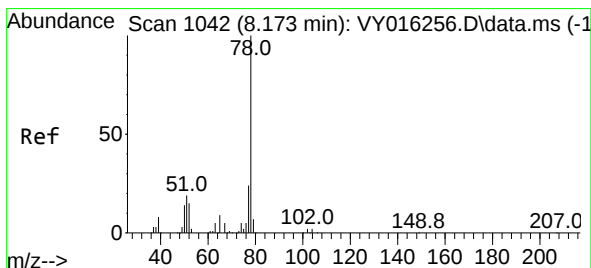
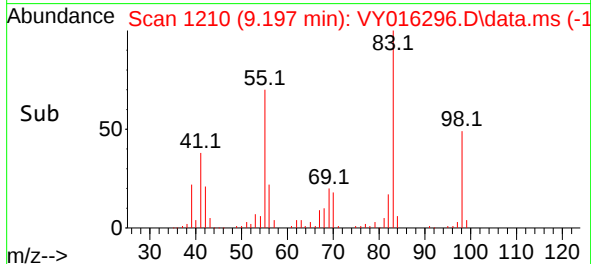
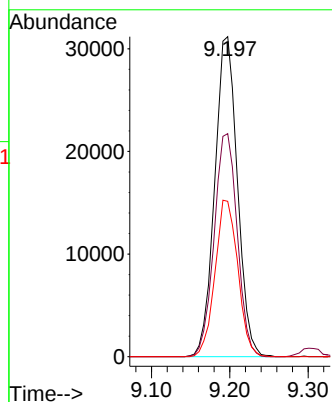
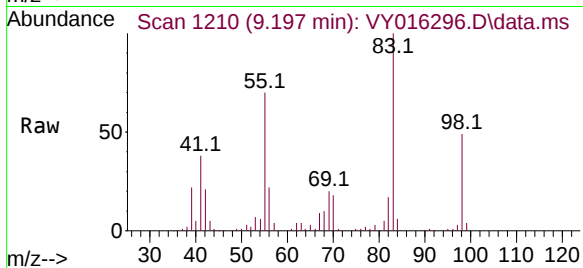
Tgt Ion: 83 Resp: 62921

Ion Ratio Lower Upper

83 100

55 69.7 63.0 94.4

98 48.5 37.4 56.2



#40

Benzene

Concen: 20.243 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. -0.000 min

Lab File: VY016296.D

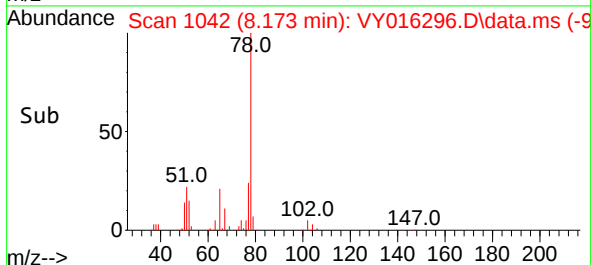
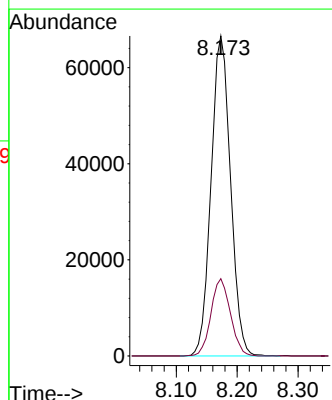
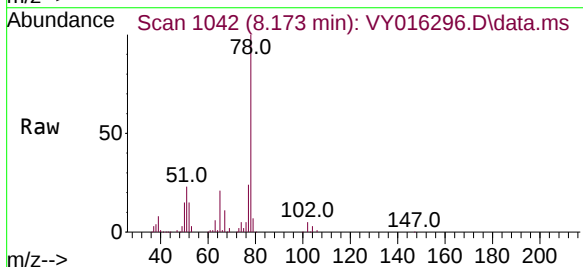
Acq: 10 Nov 2023 10:04

Tgt Ion: 78 Resp: 147816

Ion Ratio Lower Upper

78 100

77 24.2 19.0 28.6



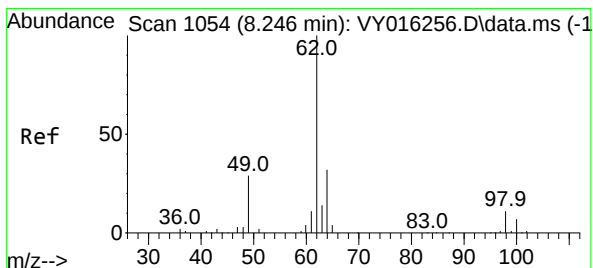
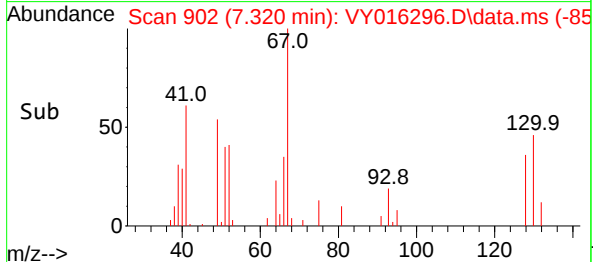
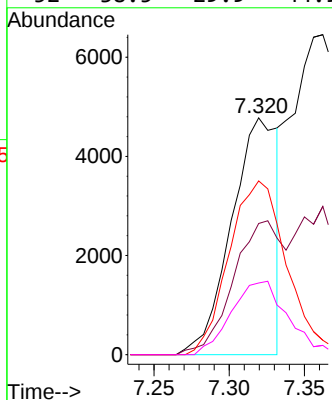
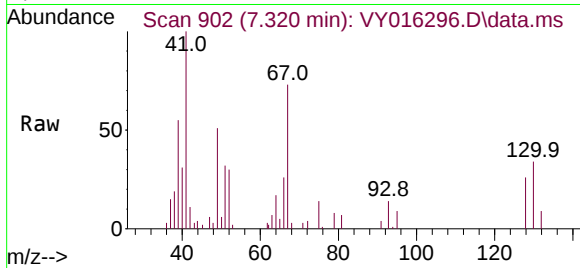


#41
Methacrylonitrile
Concen: 19.245 ug/l m
RT: 7.320 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY016296.D
Acq: 10 Nov 2023 10:04

Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBS01

Tgt Ion: 41 Resp: 10190

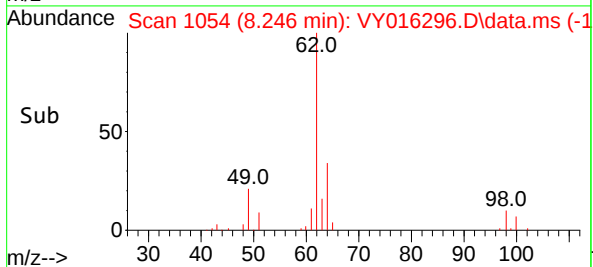
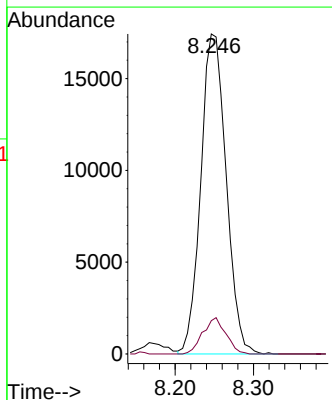
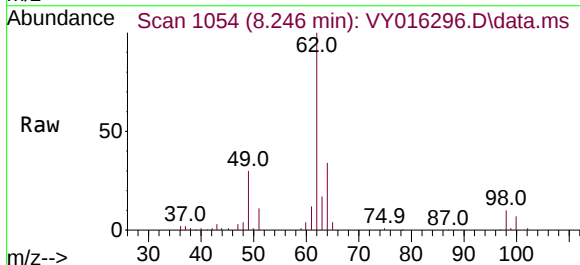
Ion	Ratio	Lower	Upper
41	100		
39	61.9	52.1	78.1
67	92.3	66.2	99.2
52	38.5	29.9	44.9

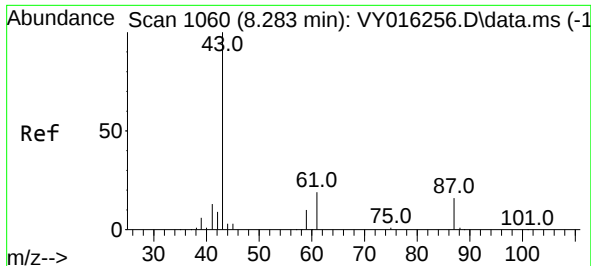


#42
1,2-Dichloroethane
Concen: 20.761 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VY016296.D
Acq: 10 Nov 2023 10:04

Tgt Ion: 62 Resp: 39279

Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	15.8





#43

Isopropyl Acetate

Concen: 20.237 ug/l

RT: 8.283 min Scan# 1106

Delta R.T. -0.000 min

Lab File: VY016296.D

Acq: 10 Nov 2023 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VY1110SBS01

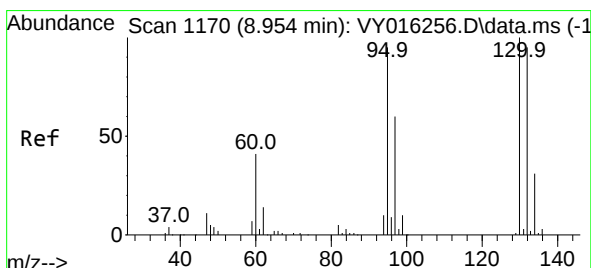
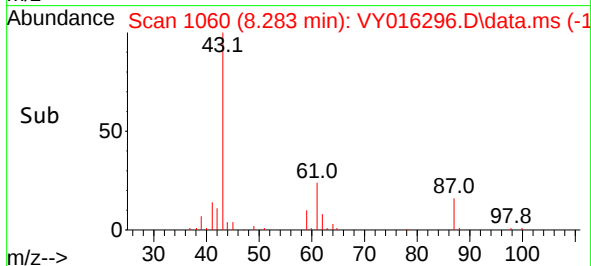
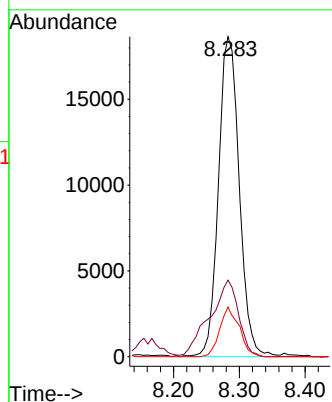
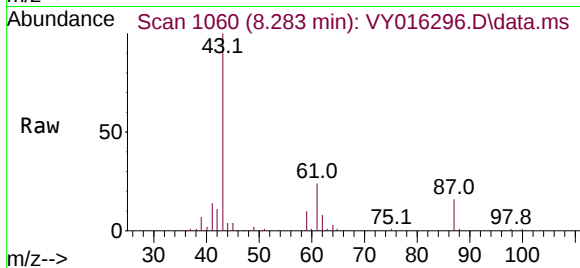
Tgt Ion: 43 Resp: 41079

Ion Ratio Lower Upper

43 100

61 33.0 21.1 31.7#

87 14.6 9.8 14.8



#44

Trichloroethene

Concen: 20.037 ug/l

RT: 8.953 min Scan# 1170

Delta R.T. -0.000 min

Lab File: VY016296.D

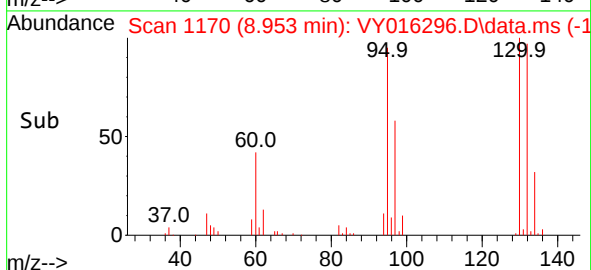
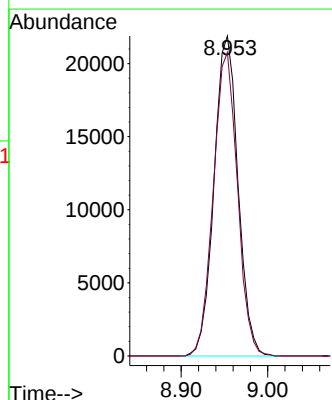
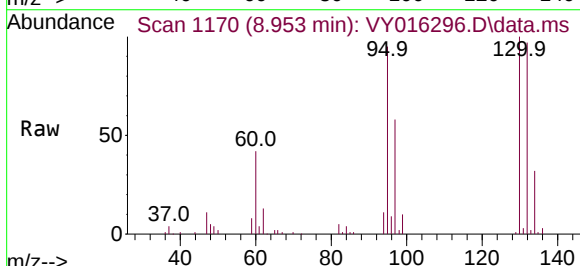
Acq: 10 Nov 2023 10:04

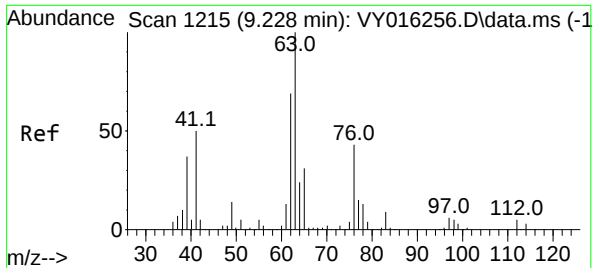
Tgt Ion:130 Resp: 42050

Ion Ratio Lower Upper

130 100

95 94.8 0.0 196.0





#45

1,2-Dichloropropane

Concen: 20.646 ug/l

RT: 9.228 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016296.D

Acq: 10 Nov 2023 10:04

Instrument :

MSVOA_Y

ClientSampleId :

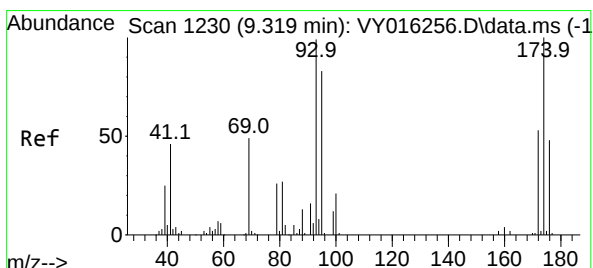
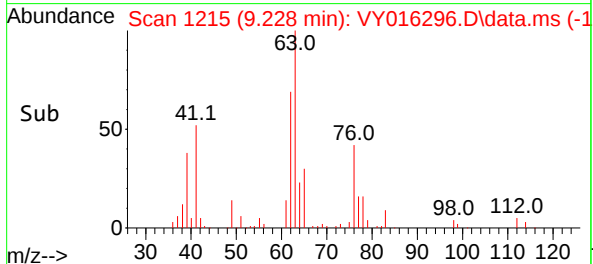
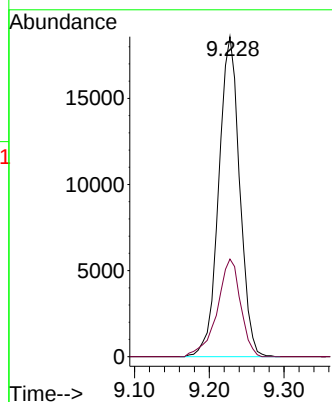
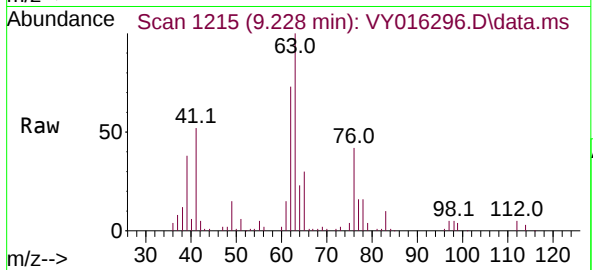
VY1110SBS01

Tgt Ion: 63 Resp: 36205

Ion Ratio Lower Upper

63 100

65 30.5 23.8 35.6



#46

Dibromomethane

Concen: 21.009 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. -0.006 min

Lab File: VY016296.D

Acq: 10 Nov 2023 10:04

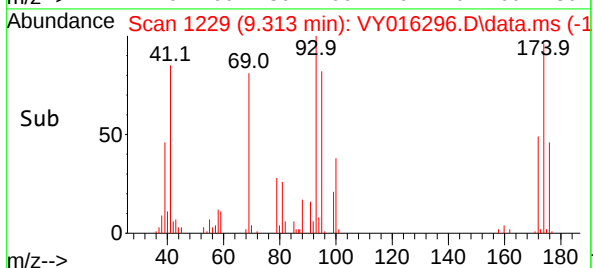
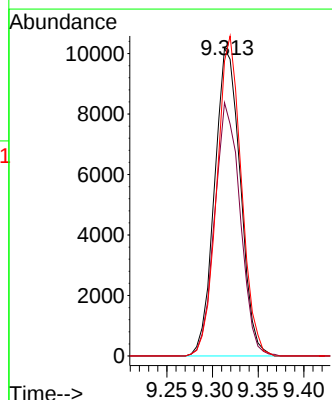
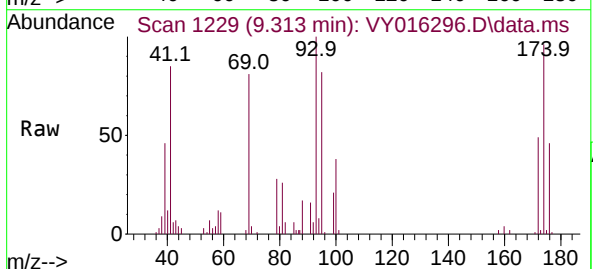
Tgt Ion: 93 Resp: 19965

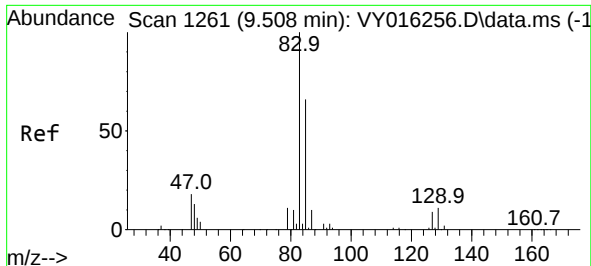
Ion Ratio Lower Upper

93 100

95 81.2 66.6 100.0

174 98.6 84.8 127.2

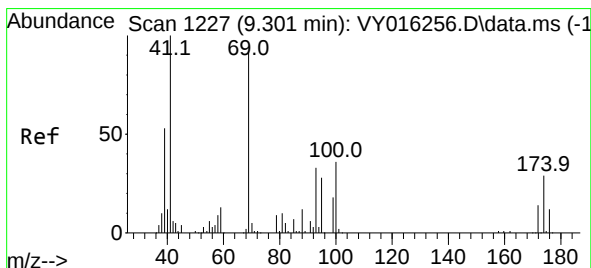
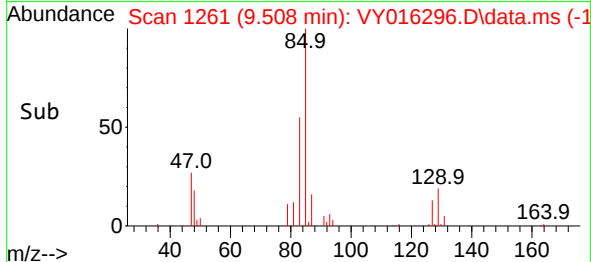
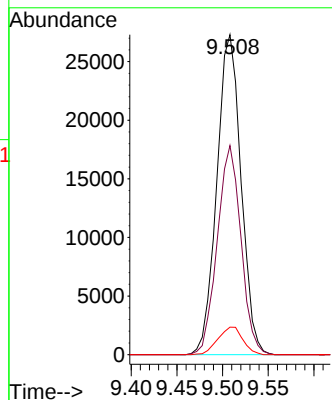
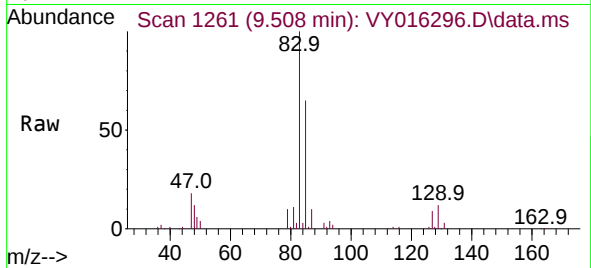




#47
Bromodichloromethane
Concen: 20.624 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VY016296.D
Acq: 10 Nov 2023 10:04

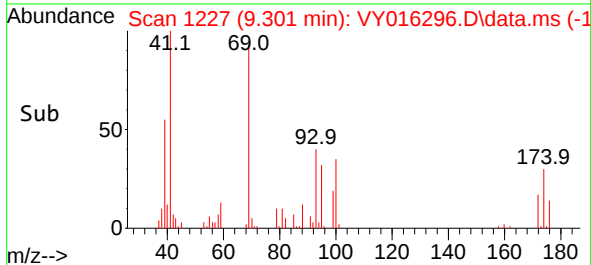
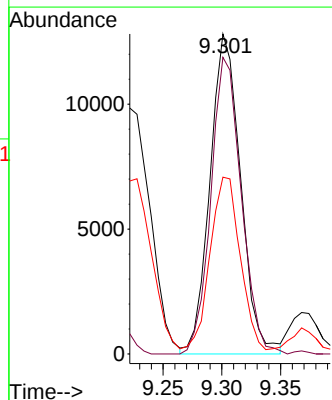
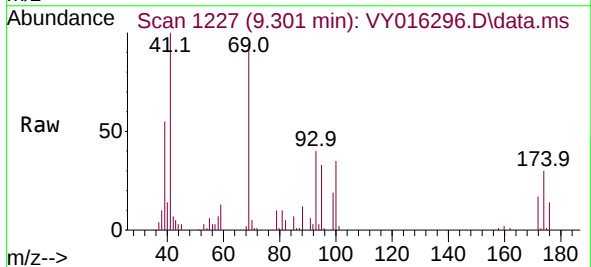
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBS01

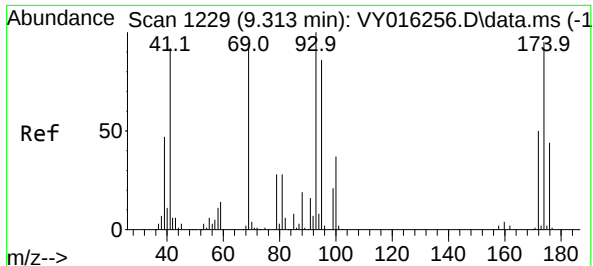
Tgt Ion: 83 Resp: 50386
Ion Ratio Lower Upper
83 100
85 65.4 50.1 75.1
127 8.6 7.1 10.7



#48
Methyl methacrylate
Concen: 20.713 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY016296.D
Acq: 10 Nov 2023 10:04

Tgt Ion: 41 Resp: 23237
Ion Ratio Lower Upper
41 100
69 91.7 64.5 96.7
39 52.9 50.8 76.2





#49

1,4-Dioxane

Concen: 418.782 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VY016296.D

Acq: 10 Nov 2023 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VY1110SBS01

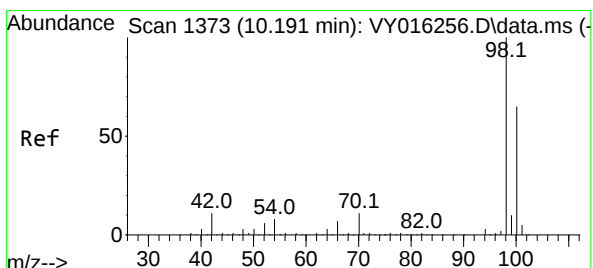
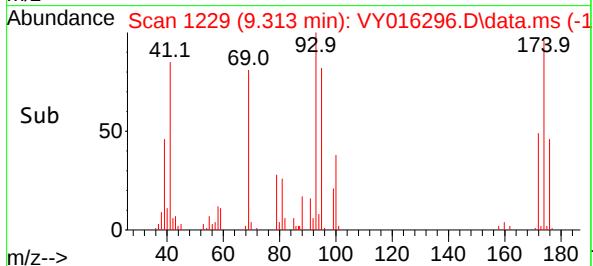
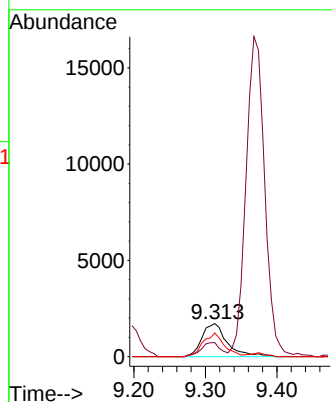
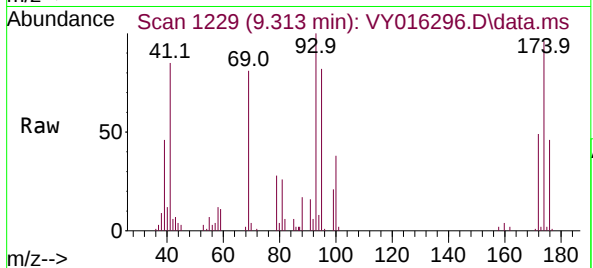
Tgt Ion: 88 Resp: 4225

Ion Ratio Lower Upper

88 100

43 33.8 0.0 0.0#

58 60.5 30.9 46.3#



#50

Toluene-d8

Concen: 50.972 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. -0.000 min

Lab File: VY016296.D

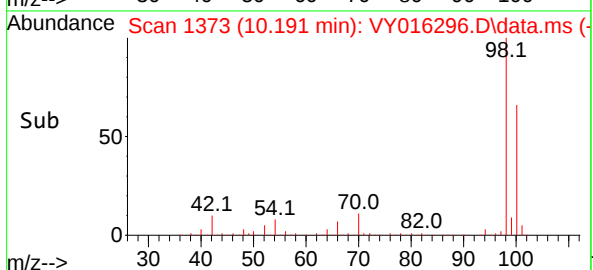
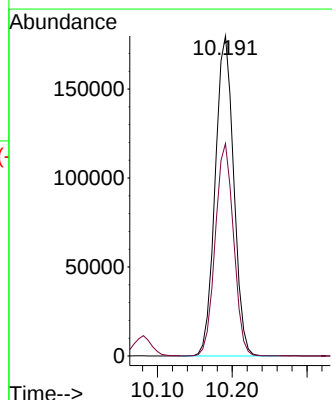
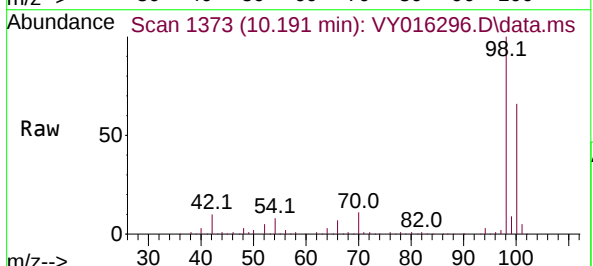
Acq: 10 Nov 2023 10:04

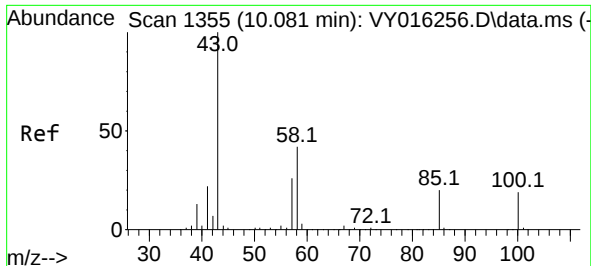
Tgt Ion: 98 Resp: 309386

Ion Ratio Lower Upper

98 100

100 65.8 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 103.758 ug/l

RT: 10.081 min Scan# 1355

Delta R.T. -0.000 min

Lab File: VY016296.D

Acq: 10 Nov 2023 10:04

Instrument :

MSVOA_Y

ClientSampleId :

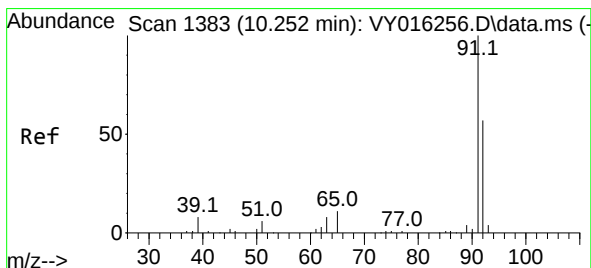
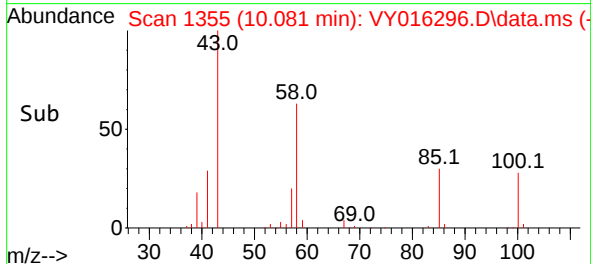
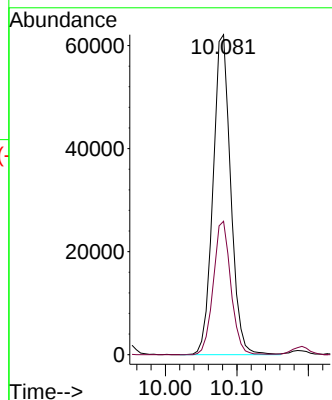
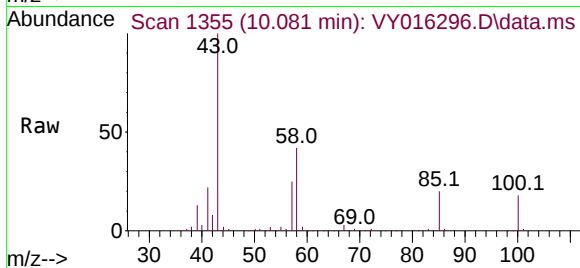
VY1110SBS01

Tgt Ion: 43 Resp: 106503

Ion Ratio Lower Upper

43 100

58 41.4 29.0 43.6



#52

Toluene

Concen: 20.432 ug/l

RT: 10.252 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VY016296.D

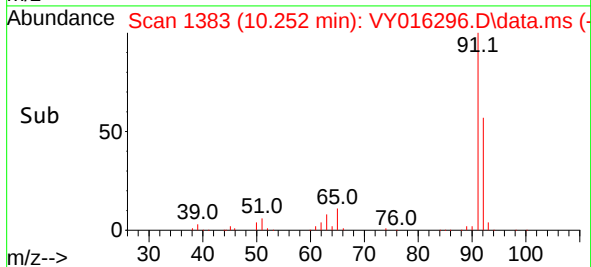
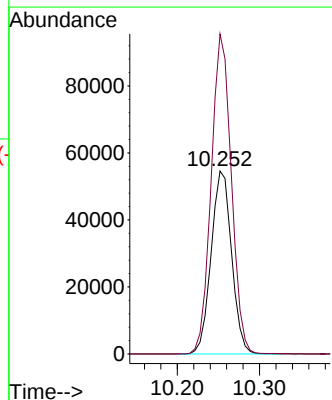
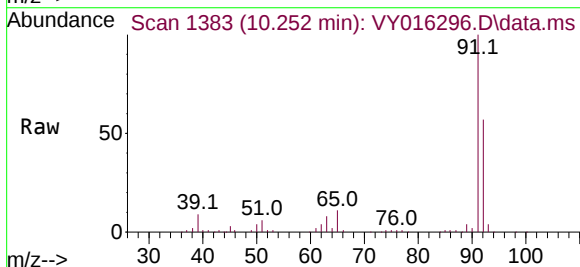
Acq: 10 Nov 2023 10:04

Tgt Ion: 92 Resp: 94309

Ion Ratio Lower Upper

92 100

91 172.3 143.8 215.6

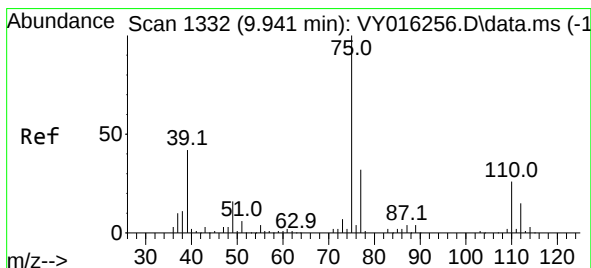
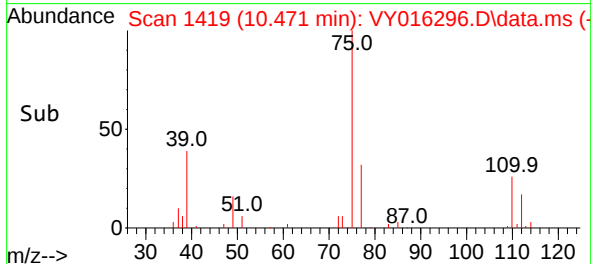
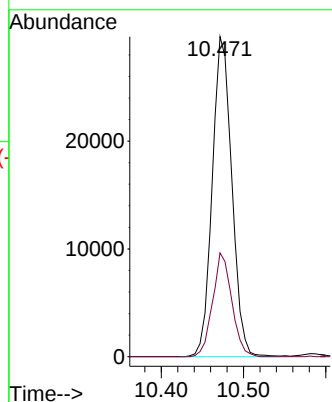
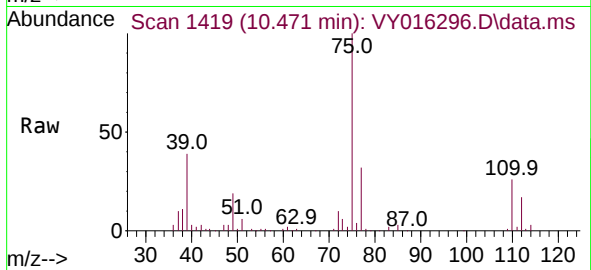




#53
 t-1,3-Dichloropropene
 Concen: 20.737 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. -0.006 min
 Lab File: VY016296.D
 Acq: 10 Nov 2023 10:04

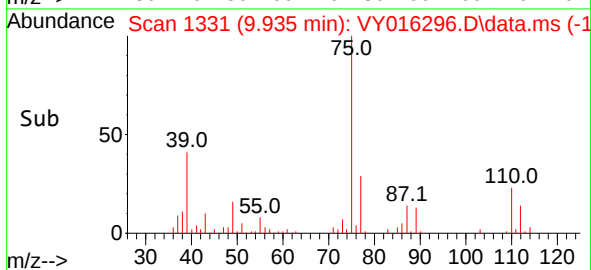
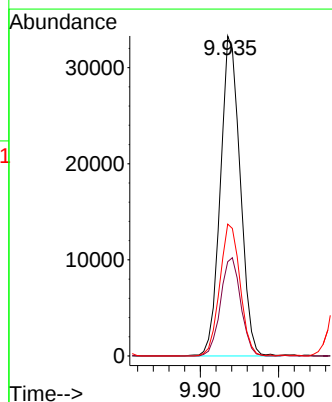
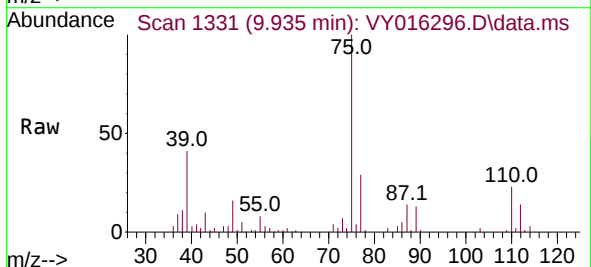
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1110SBS01

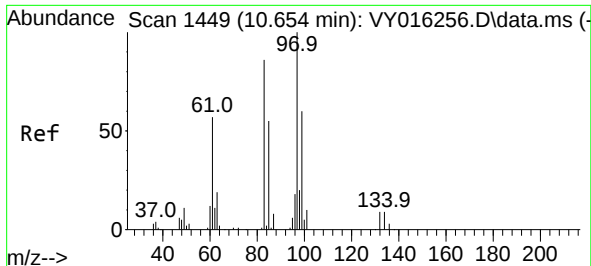
Tgt Ion: 75 Resp: 49114
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 20.686 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. -0.006 min
 Lab File: VY016296.D
 Acq: 10 Nov 2023 10:04

Tgt Ion: 75 Resp: 58516
 Ion Ratio Lower Upper
 75 100
 77 29.4 24.2 36.4
 39 41.2 42.2 63.4#

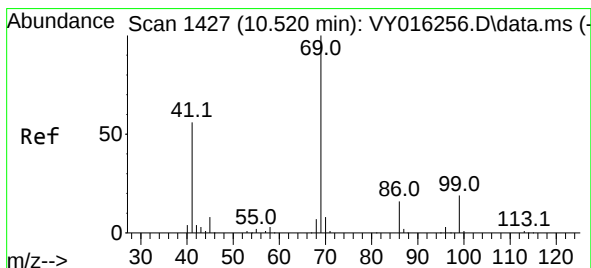
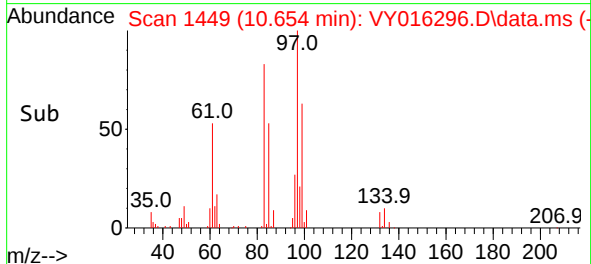
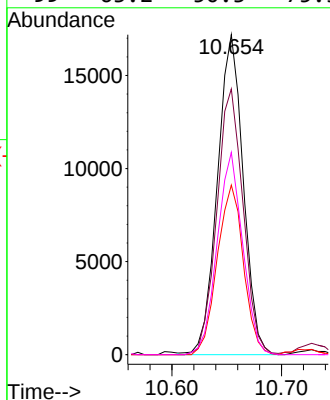
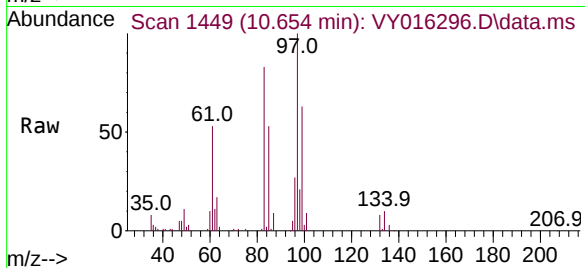




#55
1,1,2-Trichloroethane
Concen: 21.513 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. -0.000 min
Lab File: VY016296.D
Acq: 10 Nov 2023 10:04

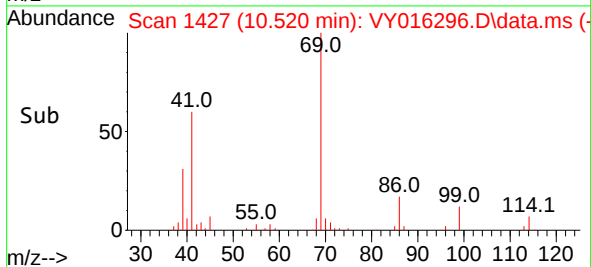
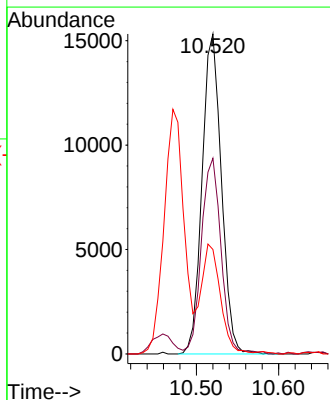
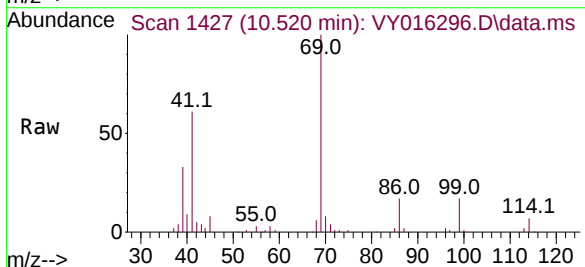
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBS01

Tgt Ion:	97	Resp:	28177
Ion	Ratio	Lower	Upper
97	100		
83	83.0	72.0	108.0
85	53.0	45.4	68.0
99	63.2	50.3	75.5



#56
Ethyl methacrylate
Concen: 20.249 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VY016296.D
Acq: 10 Nov 2023 10:04

Tgt Ion:	69	Resp:	25036
Ion	Ratio	Lower	Upper
69	100		
41	62.2	57.6	86.4
39	33.5	34.1	51.1#





#57

1,3-Dichloropropane

Concen: 21.204 ug/l

RT: 10.801 min Scan# 1473

Delta R.T. -0.000 min

Lab File: VY016296.D

Acq: 10 Nov 2023 10:04

Instrument :

MSVOA_Y

ClientSampleId :

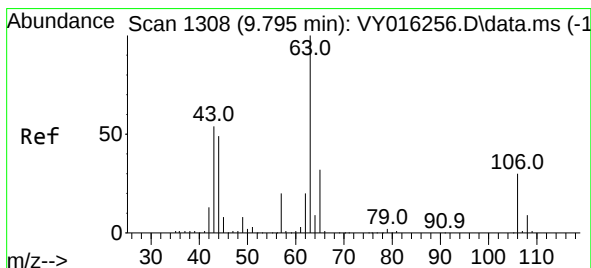
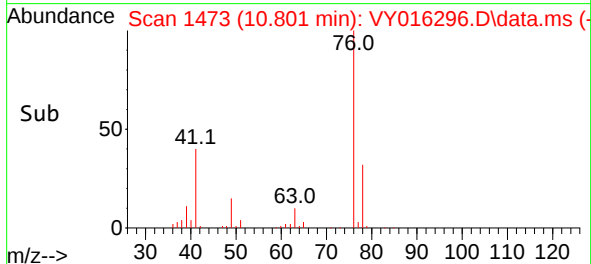
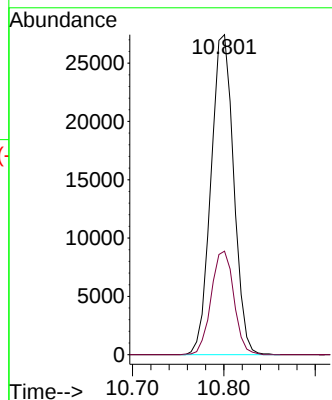
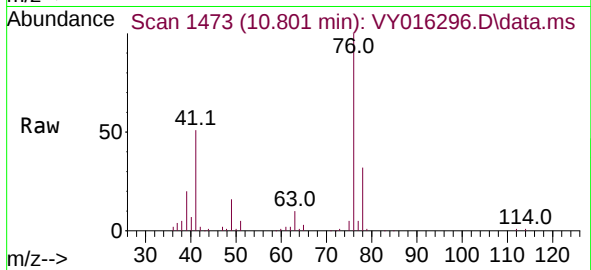
VY1110SBS01

Tgt Ion: 76 Resp: 47342

Ion Ratio Lower Upper

76 100

78 32.4 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 102.964 ug/l

RT: 9.795 min Scan# 1308

Delta R.T. -0.000 min

Lab File: VY016296.D

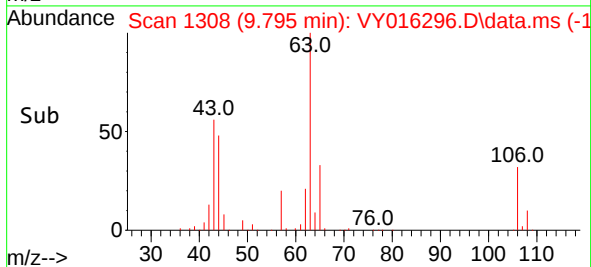
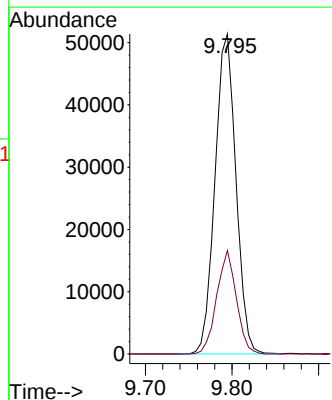
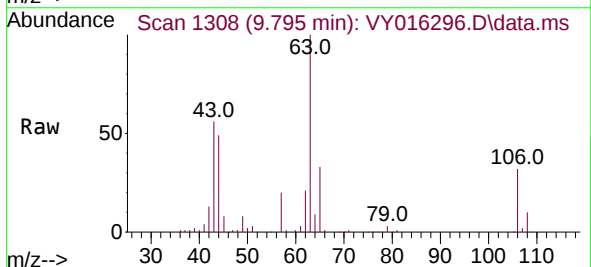
Acq: 10 Nov 2023 10:04

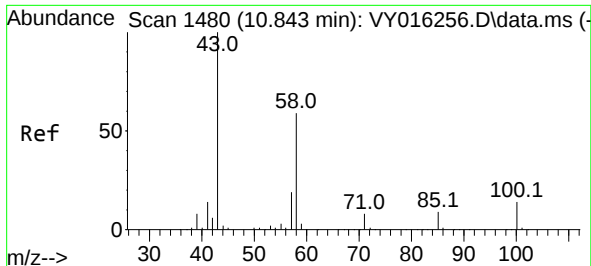
Tgt Ion: 63 Resp: 86322

Ion Ratio Lower Upper

63 100

106 30.3 21.2 31.8





#59

2-Hexanone

Concen: 108.145 ug/l

RT: 10.843 min Scan# 1480

Delta R.T. -0.000 min

Lab File: VY016296.D

Acq: 10 Nov 2023 10:04

Instrument :

MSVOA_Y

ClientSampleId :

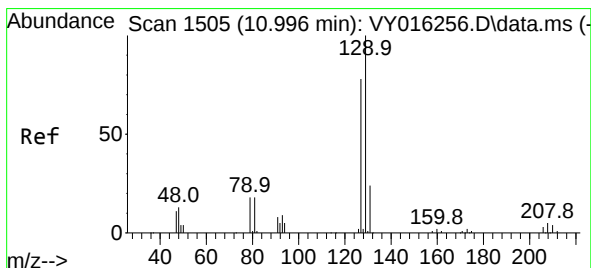
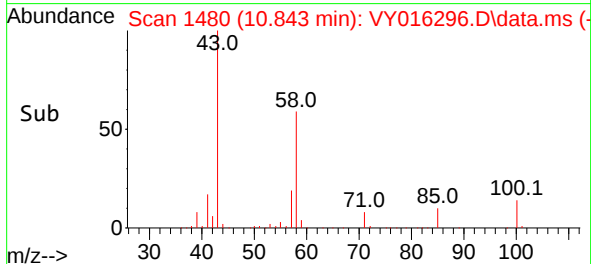
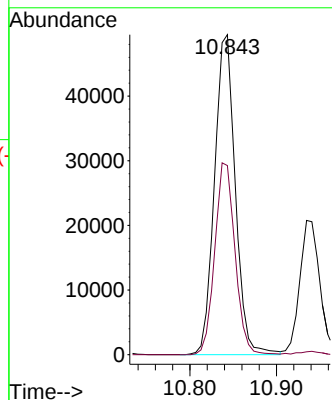
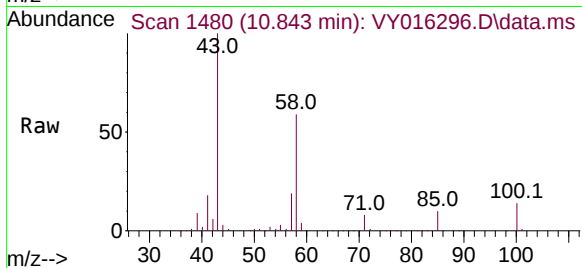
VY1110SBS01

Tgt Ion: 43 Resp: 82569

Ion Ratio Lower Upper

43 100

58 58.4 25.1 75.3



#60

Dibromochloromethane

Concen: 20.943 ug/l

RT: 10.996 min Scan# 1505

Delta R.T. -0.000 min

Lab File: VY016296.D

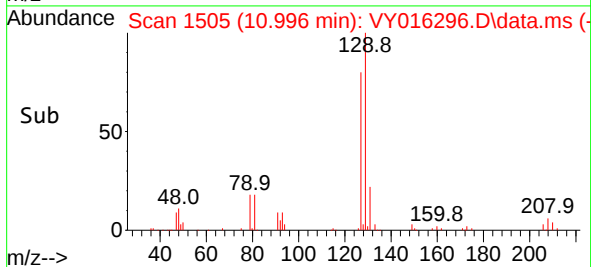
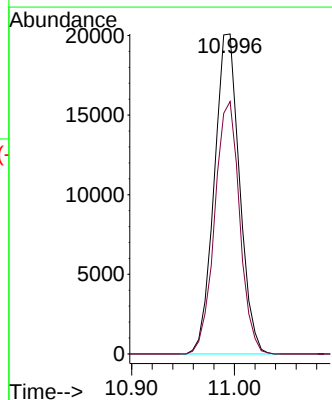
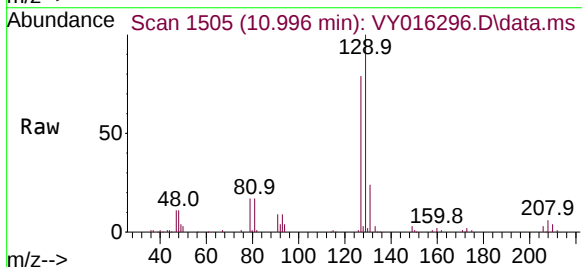
Acq: 10 Nov 2023 10:04

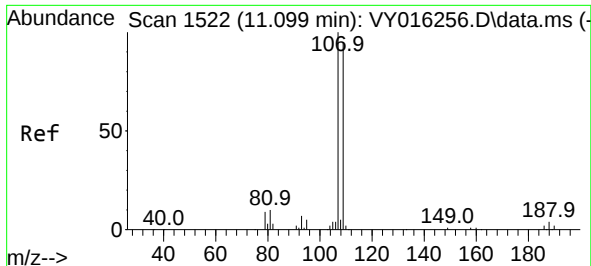
Tgt Ion: 129 Resp: 34306

Ion Ratio Lower Upper

129 100

127 77.7 38.5 115.5

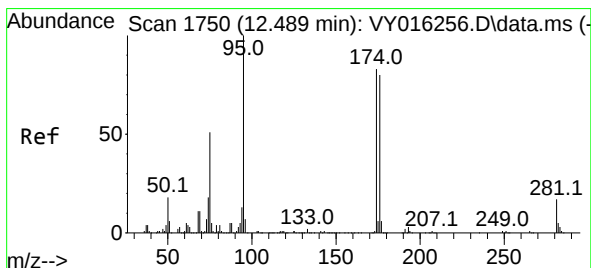
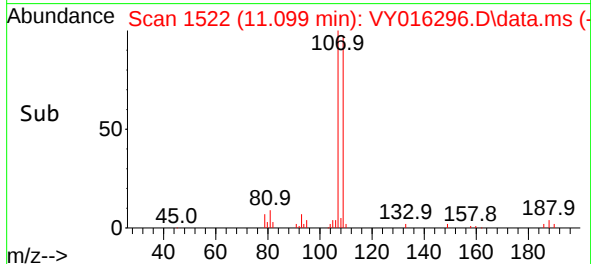
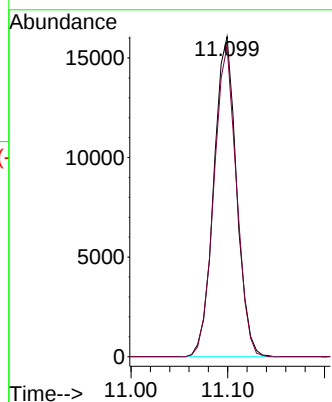
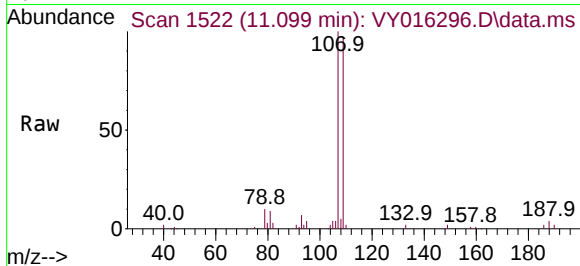




#61
1,2-Dibromoethane
Concen: 20.933 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VY016296.D
Acq: 10 Nov 2023 10:04

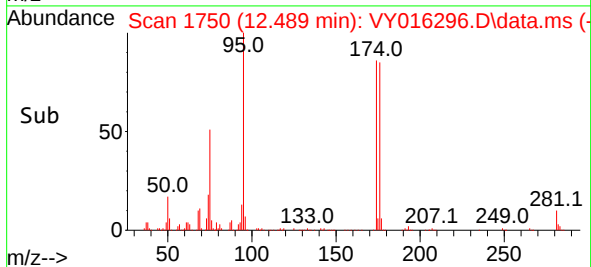
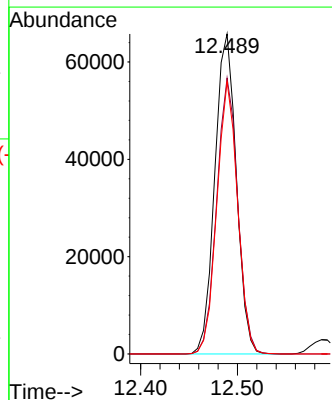
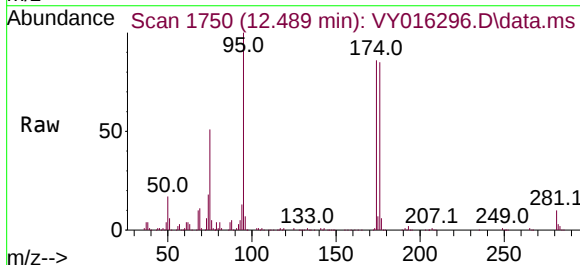
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBS01

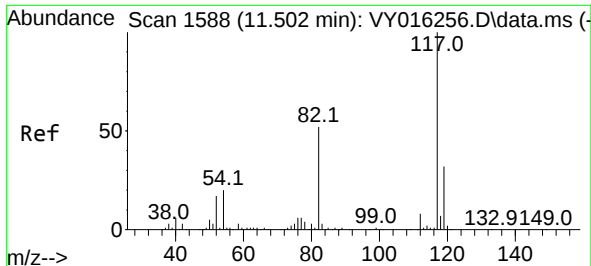
Tgt Ion:107 Resp: 26121
Ion Ratio Lower Upper
107 100
109 96.6 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.540 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016296.D
Acq: 10 Nov 2023 10:04

Tgt Ion: 95 Resp: 101602
Ion Ratio Lower Upper
95 100
174 84.4 0.0 178.2
176 81.8 0.0 173.8

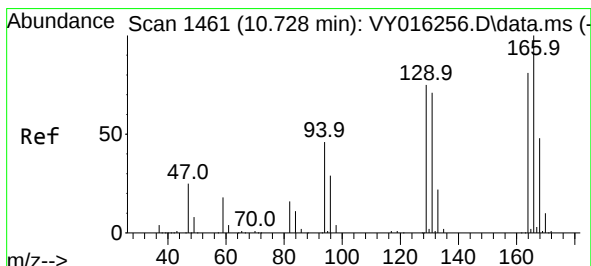
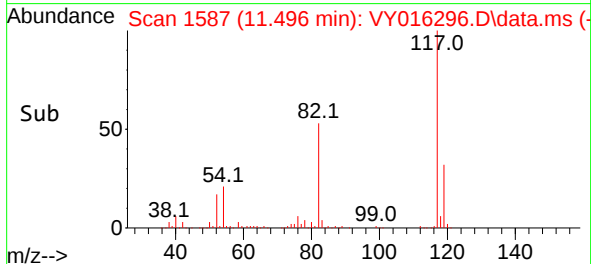
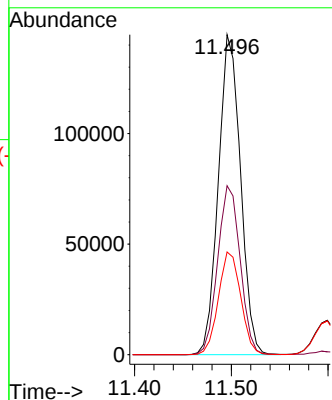
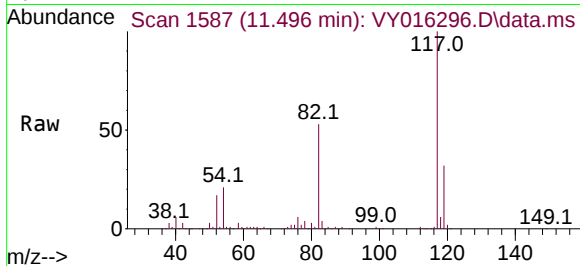




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016296.D
Acq: 10 Nov 2023 10:04

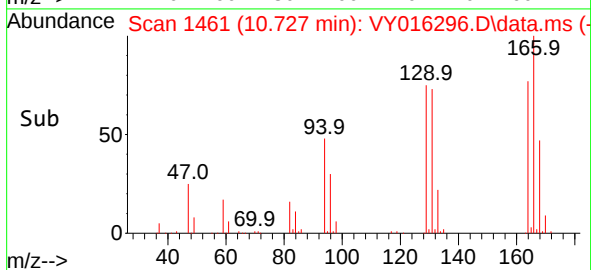
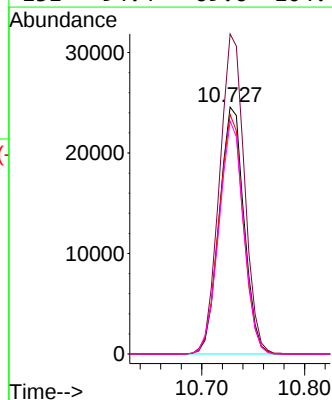
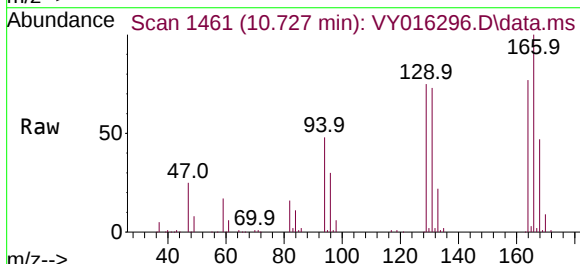
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBS01

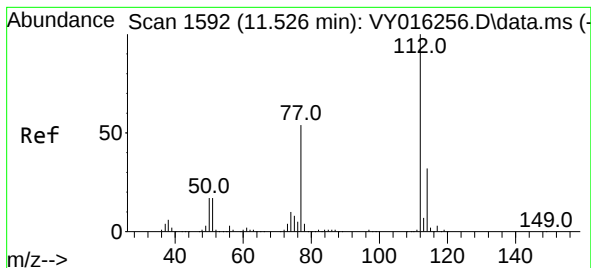
Tgt Ion:117 Resp: 230030
Ion Ratio Lower Upper
117 100
82 52.8 43.4 65.0
119 32.1 26.3 39.5



#64
Tetrachloroethene
Concen: 19.918 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VY016296.D
Acq: 10 Nov 2023 10:04

Tgt Ion:164 Resp: 41139
Ion Ratio Lower Upper
164 100
166 129.6 103.0 154.6
129 96.9 77.2 115.8
131 94.4 69.6 104.4





#65

Chlorobenzene

Concen: 20.038 ug/l

RT: 11.526 min Scan# 1592

Delta R.T. -0.000 min

Lab File: VY016296.D

Acq: 10 Nov 2023 10:04

Instrument :

MSVOA_Y

ClientSampleId :

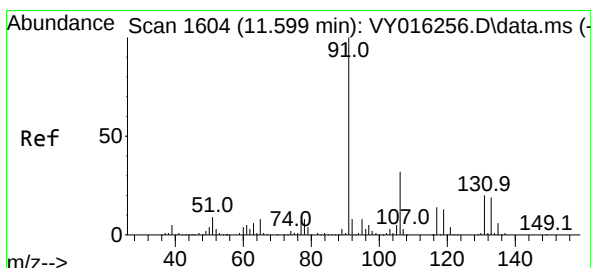
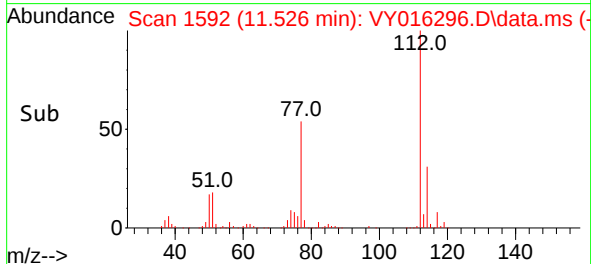
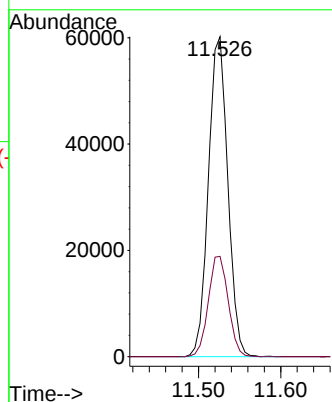
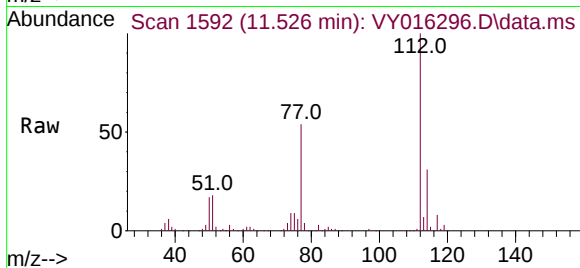
VY1110SBS01

Tgt Ion:112 Resp: 98478

Ion Ratio Lower Upper

112 100

114 31.3 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 20.523 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. -0.000 min

Lab File: VY016296.D

Acq: 10 Nov 2023 10:04

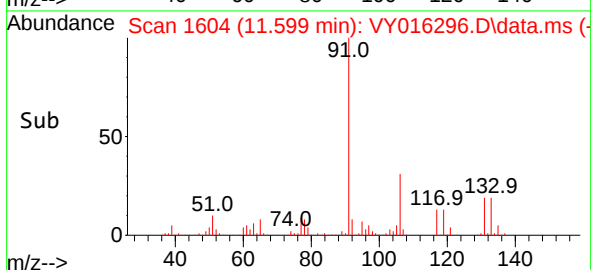
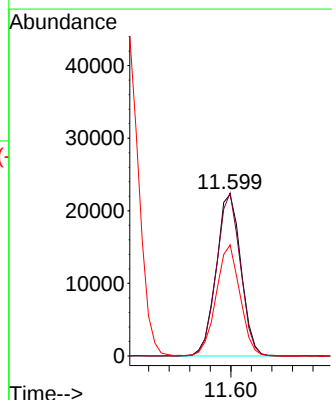
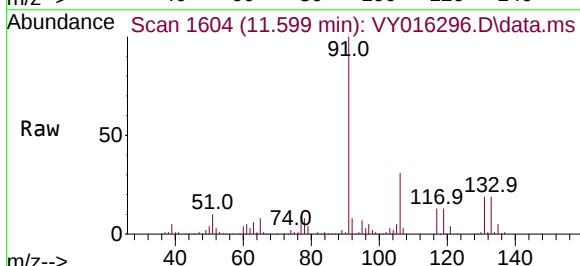
Tgt Ion:131 Resp: 37201

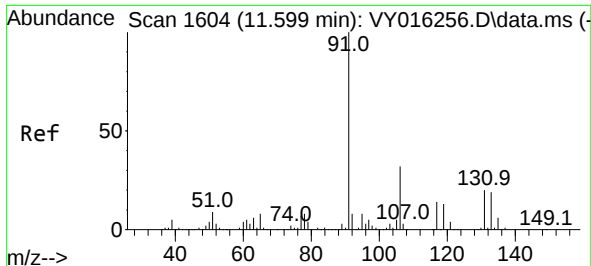
Ion Ratio Lower Upper

131 100

133 97.1 47.5 142.6

119 66.3 31.6 94.7





#67

Ethyl Benzene

Concen: 20.021 ug/l

RT: 11.599 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016296.D

Acq: 10 Nov 2023 10:04

Instrument :

MSVOA_Y

ClientSampleId :

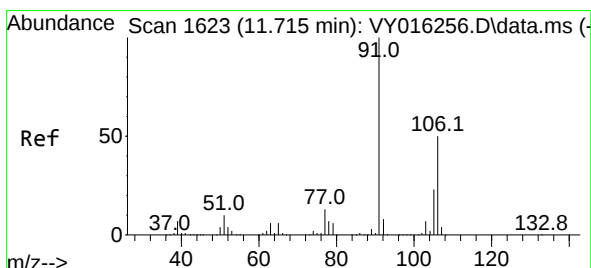
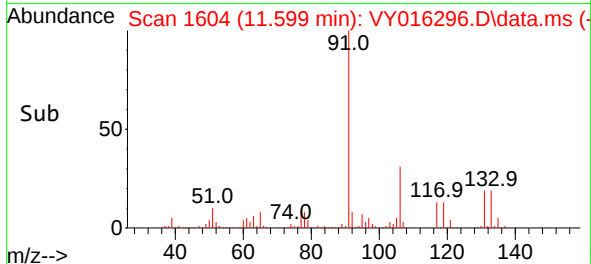
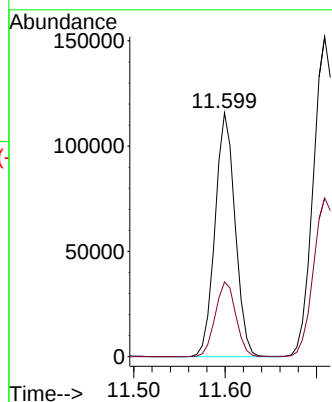
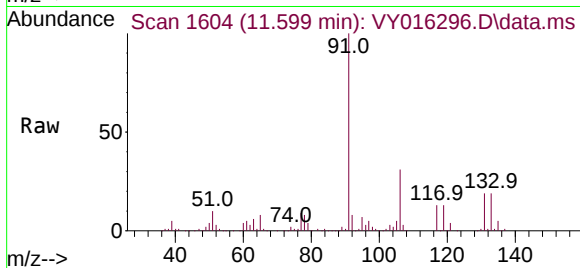
VY1110SBS01

Tgt Ion: 91 Resp: 176836

Ion Ratio Lower Upper

91 100

106 30.6 24.6 36.8



#68

m/p-Xylenes

Concen: 40.821 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. -0.006 min

Lab File: VY016296.D

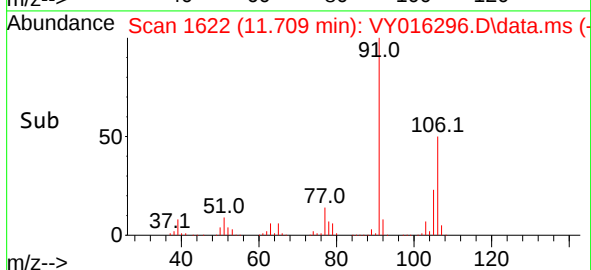
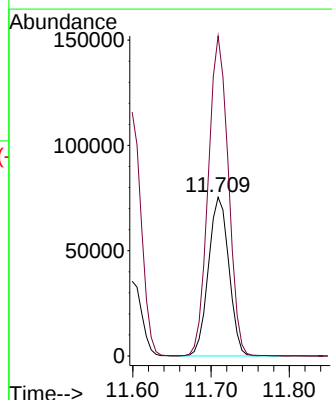
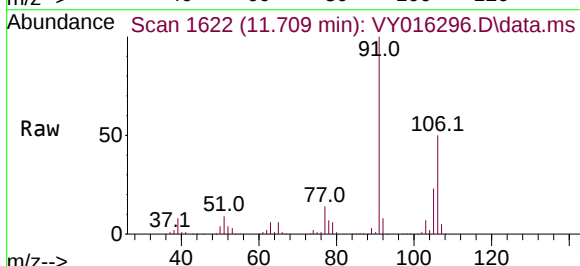
Acq: 10 Nov 2023 10:04

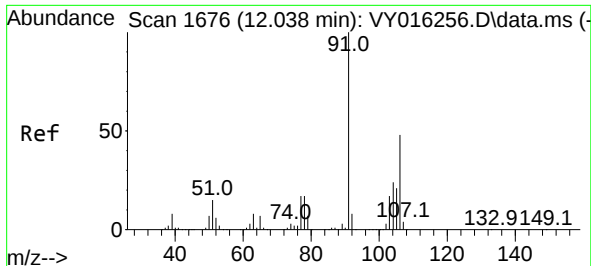
Tgt Ion:106 Resp: 136753

Ion Ratio Lower Upper

106 100

91 197.9 166.1 249.1

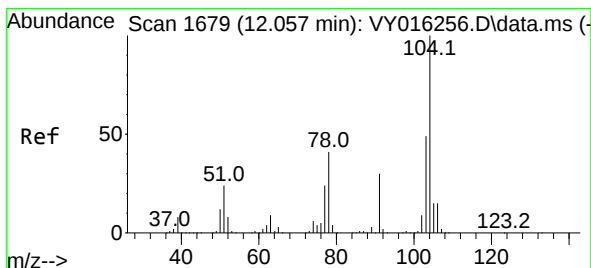
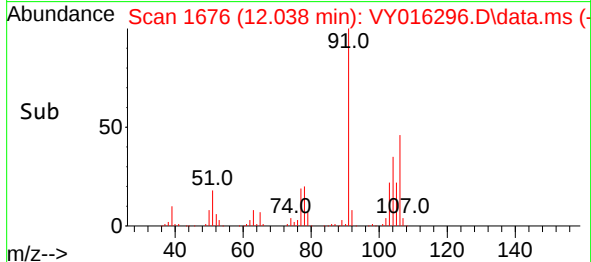
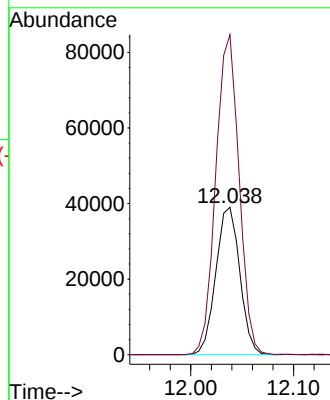
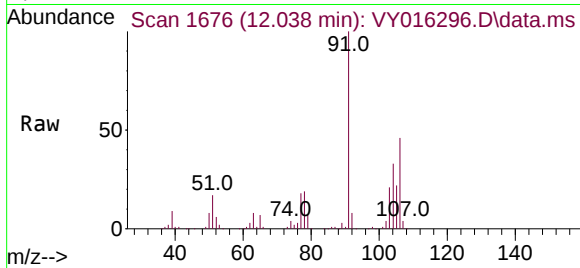




#69
o-Xylene
Concen: 20.276 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VY016296.D
Acq: 10 Nov 2023 10:04

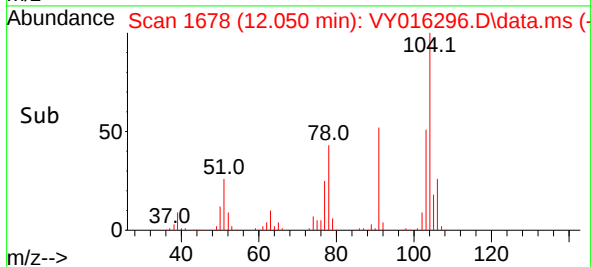
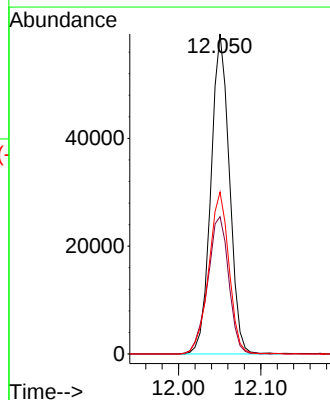
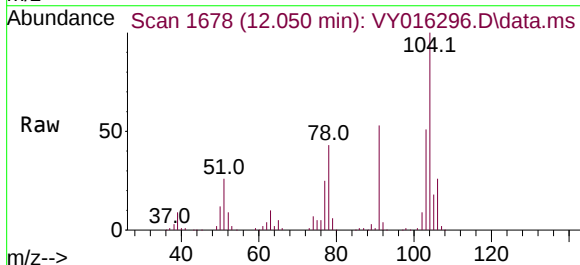
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBS01

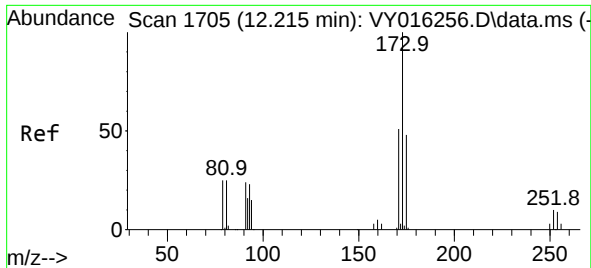
Tgt Ion:106 Resp: 63065
Ion Ratio Lower Upper
106 100
91 211.6 108.1 324.3



#70
Styrene
Concen: 20.859 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY016296.D
Acq: 10 Nov 2023 10:04

Tgt Ion:104 Resp: 92899
Ion Ratio Lower Upper
104 100
78 48.9 41.5 62.3
103 55.2 44.6 67.0

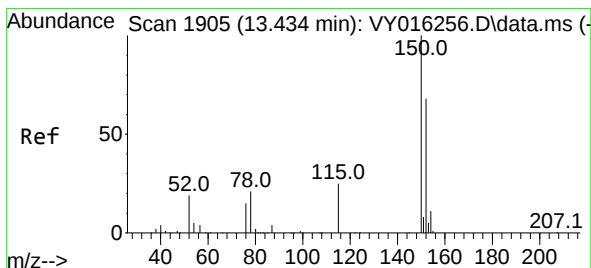
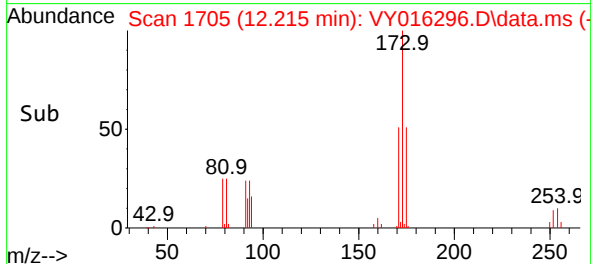
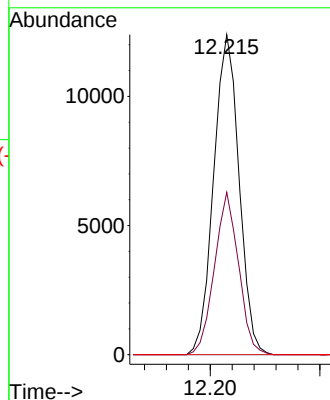
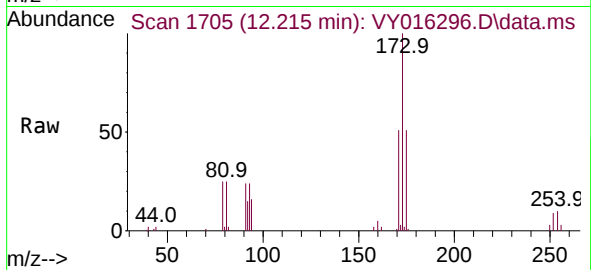




#71
Bromoform
Concen: 21.193 ug/l
RT: 12.215 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016296.D
Acq: 10 Nov 2023 10:04

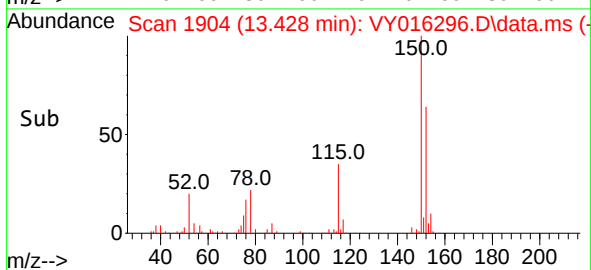
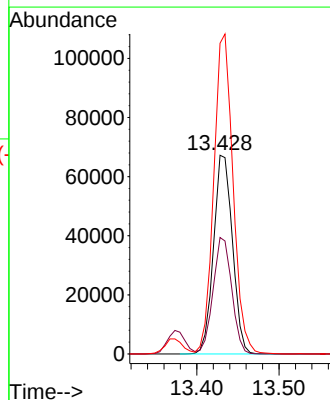
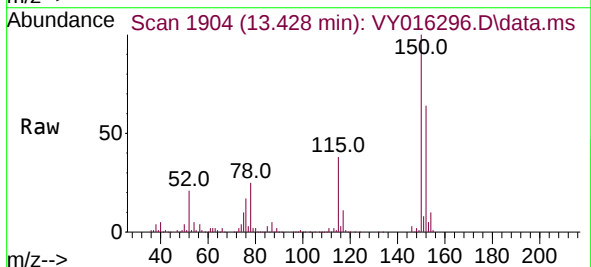
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBS01

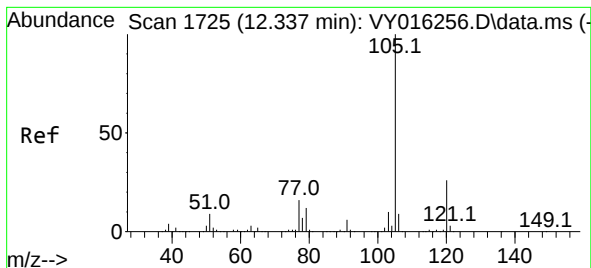
Tgt Ion:173 Resp: 19934
Ion Ratio Lower Upper
173 100
175 48.1 24.6 73.8
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY016296.D
Acq: 10 Nov 2023 10:04

Tgt Ion:152 Resp: 107384
Ion Ratio Lower Upper
152 100
115 58.0 28.8 86.5
150 164.4 0.0 348.8





#73

Isopropylbenzene

Concen: 19.870 ug/l

RT: 12.337 min Scan# 1725

Delta R.T. -0.000 min

Lab File: VY016296.D

Acq: 10 Nov 2023 10:04

Instrument :

MSVOA_Y

ClientSampleId :

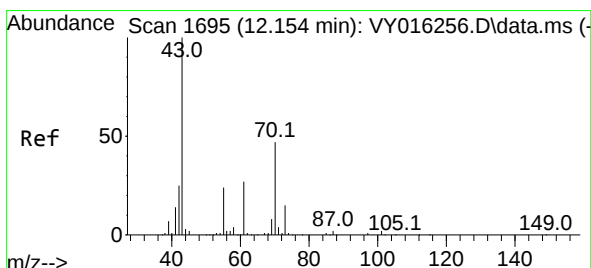
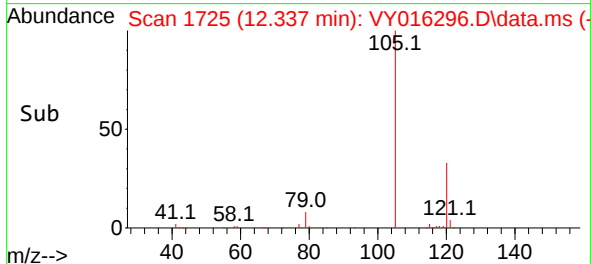
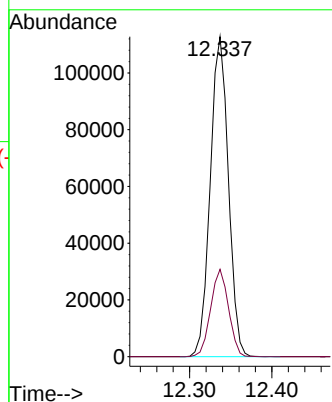
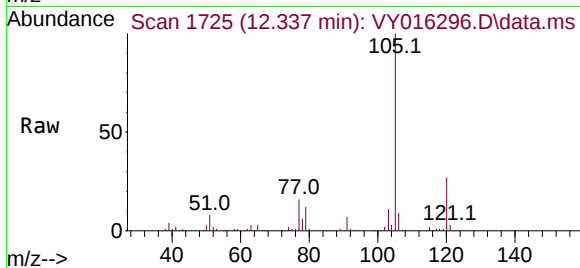
VY1110SBS01

Tgt Ion:105 Resp: 172786

Ion Ratio Lower Upper

105 100

120 26.9 13.3 39.9



#74

N-ethyl acetate

Concen: 19.622 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. -0.006 min

Lab File: VY016296.D

Acq: 10 Nov 2023 10:04

Tgt Ion: 43 Resp: 34274

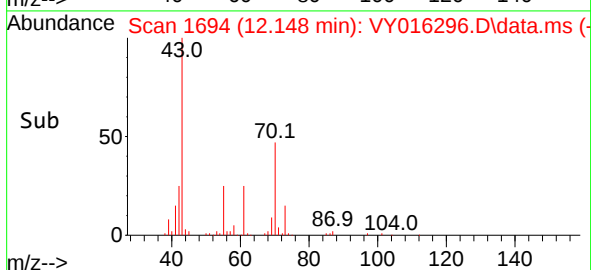
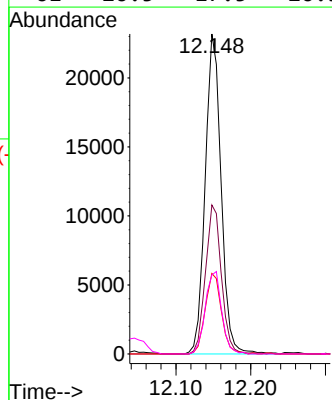
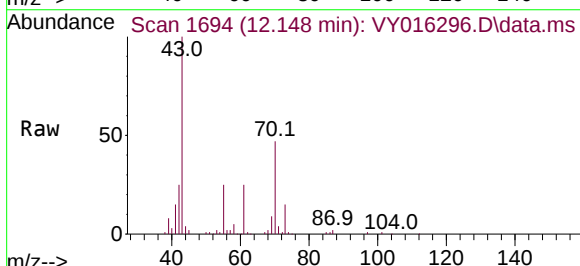
Ion Ratio Lower Upper

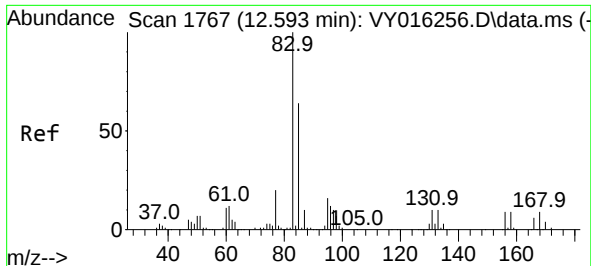
43 100

70 46.8 29.7 44.5#

55 25.7 18.3 27.5

61 26.5 17.5 26.3#

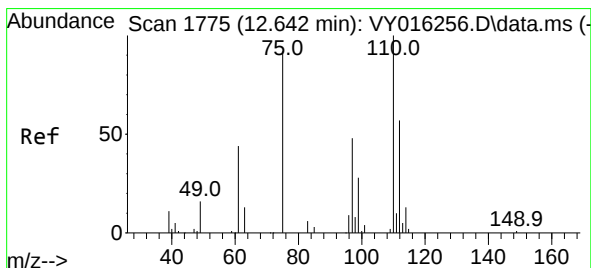
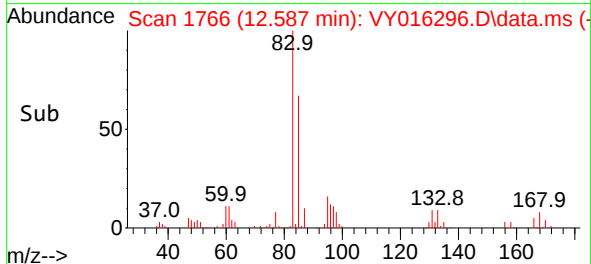
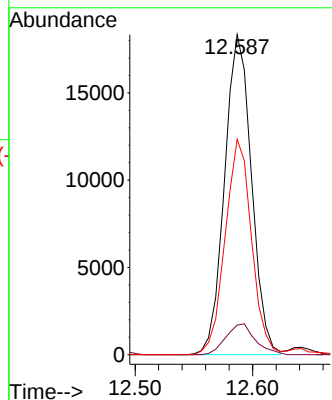
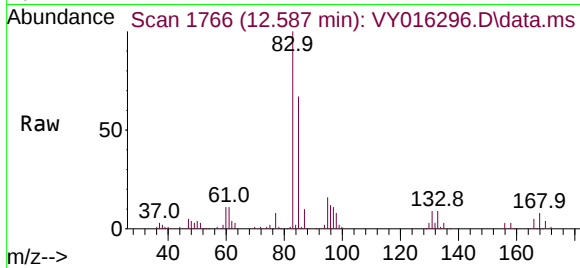




#75
1,1,2,2-Tetrachloroethane
Concen: 20.922 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. -0.006 min
Lab File: VY016296.D
Acq: 10 Nov 2023 10:04

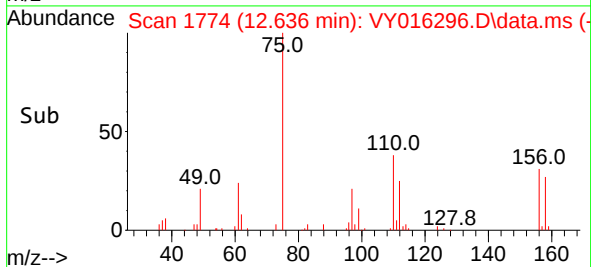
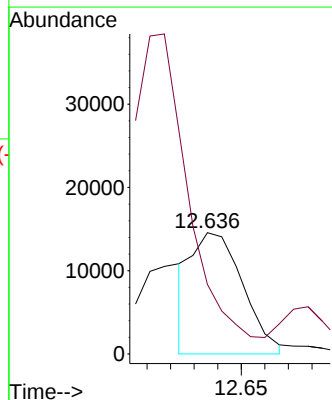
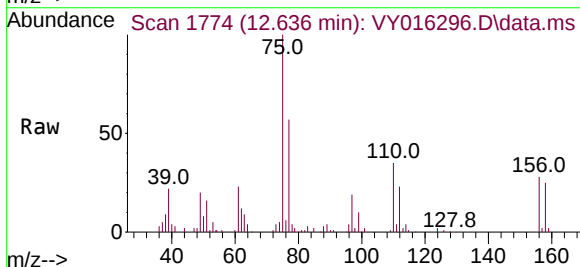
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBS01

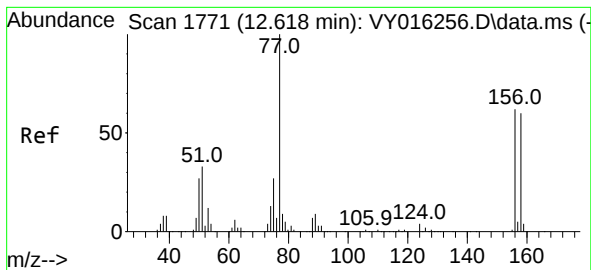
Tgt Ion: 83 Resp: 29193
Ion Ratio Lower Upper
83 100
131 10.5 5.4 16.2
85 65.9 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 21.489 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VY016296.D
Acq: 10 Nov 2023 10:04

Tgt Ion: 75 Resp: 22136
Ion Ratio Lower Upper
75 100
77 313.2 0.0 0.0#





#77

Bromobenzene

Concen: 20.425 ug/l

RT: 12.617 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016296.D

Acq: 10 Nov 2023 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VY1110SBS01

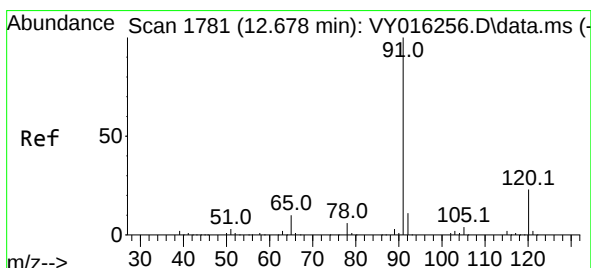
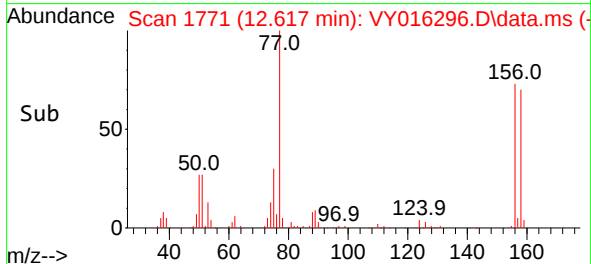
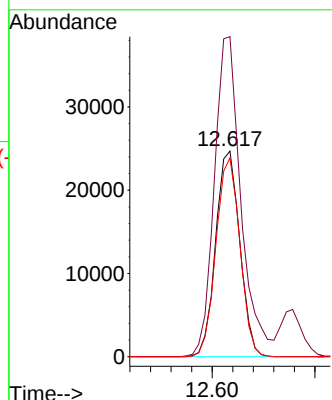
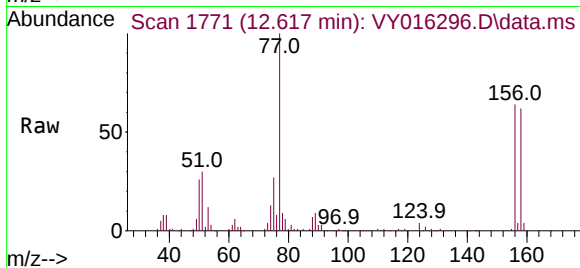
Tgt Ion:156 Resp: 40143

Ion Ratio Lower Upper

156 100

77 172.7 92.8 278.6

158 95.9 48.4 145.3



#78

n-propylbenzene

Concen: 19.973 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. -0.000 min

Lab File: VY016296.D

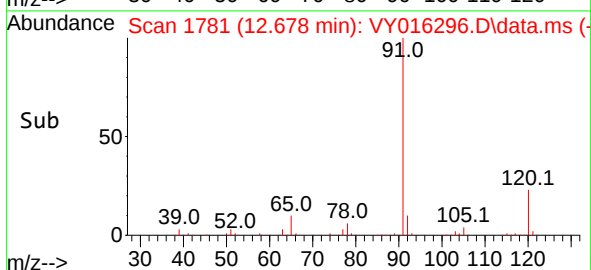
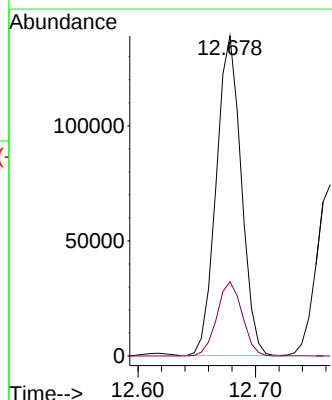
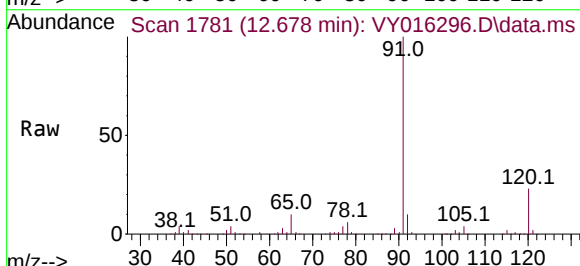
Acq: 10 Nov 2023 10:04

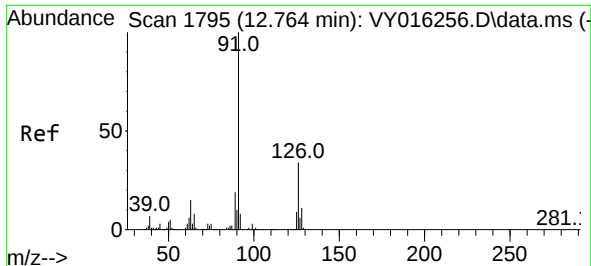
Tgt Ion: 91 Resp: 205255

Ion Ratio Lower Upper

91 100

120 23.5 11.5 34.4

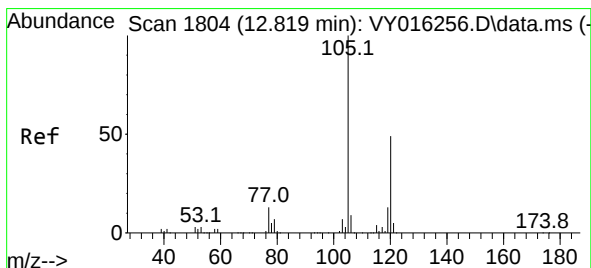
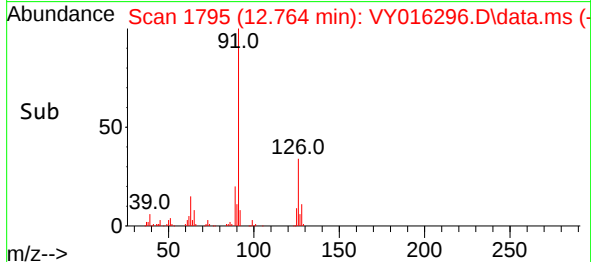
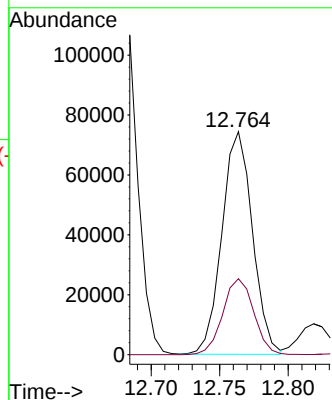
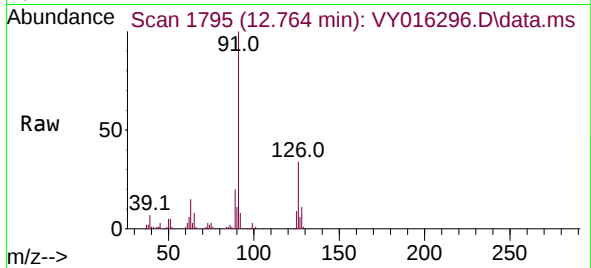




#79
2-Chlorotoluene
Concen: 20.343 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VY016296.D
Acq: 10 Nov 2023 10:04

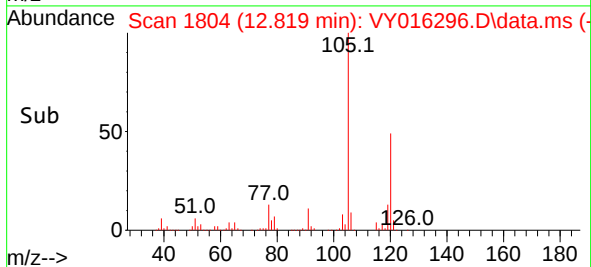
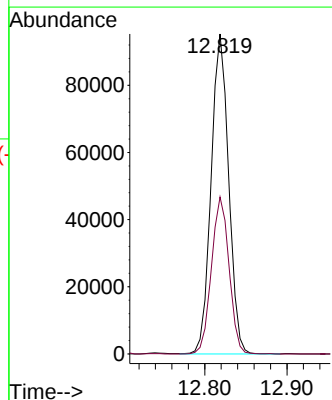
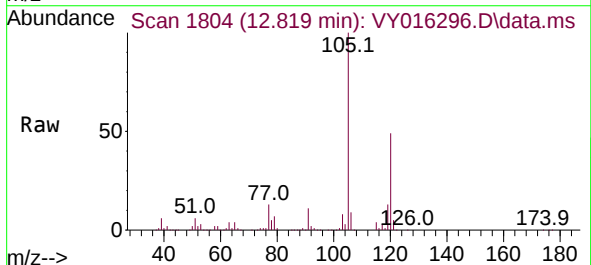
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBS01

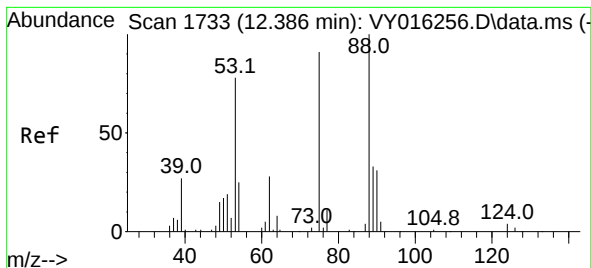
Tgt Ion: 91 Resp: 115211
Ion Ratio Lower Upper
91 100
126 34.6 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 20.120 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. -0.000 min
Lab File: VY016296.D
Acq: 10 Nov 2023 10:04

Tgt Ion: 105 Resp: 141063
Ion Ratio Lower Upper
105 100
120 49.3 23.9 71.7

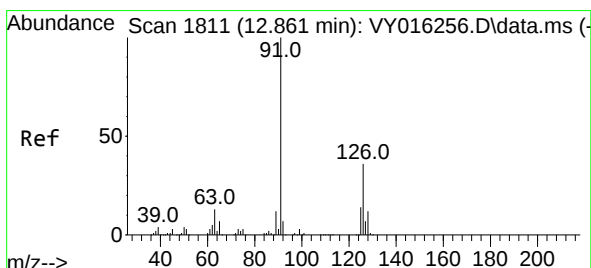
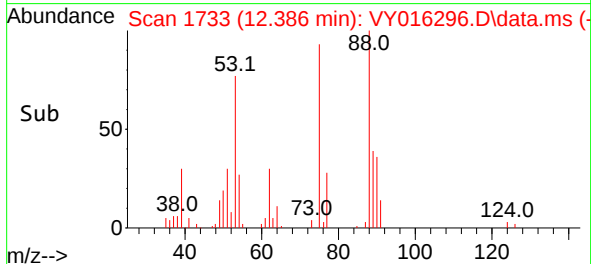
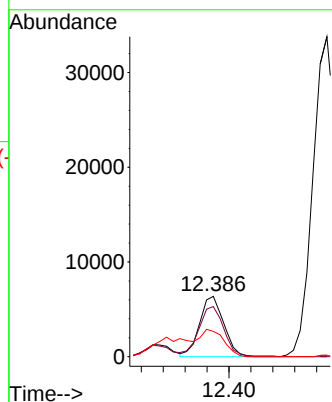
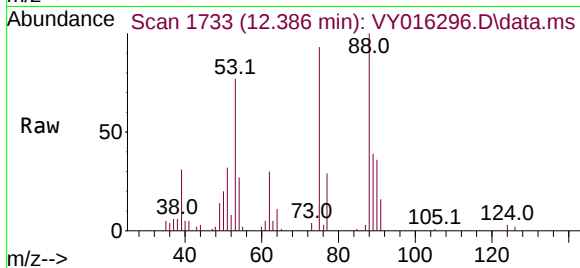




#81
trans-1,4-Dichloro-2-butene
Concen: 20.667 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. -0.000 min
Lab File: VY016296.D
Acq: 10 Nov 2023 10:04

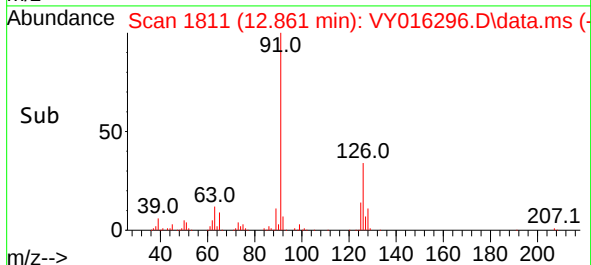
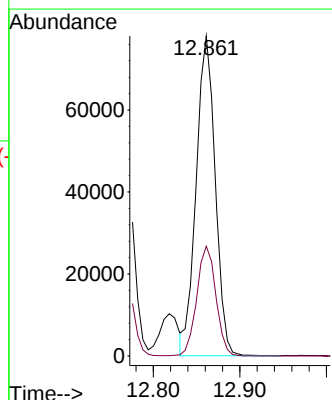
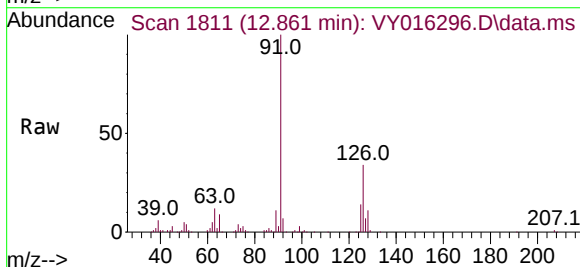
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBS01

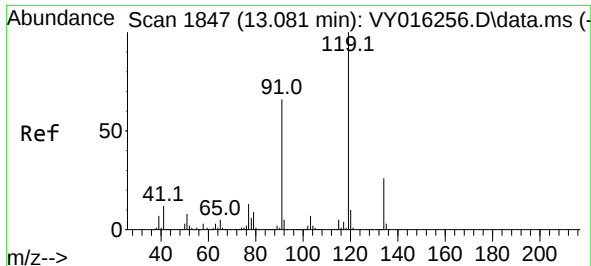
Tgt Ion: 75 Resp: 9808
Ion Ratio Lower Upper
75 100
53 85.5 77.8 116.8
89 44.0 37.4 56.0



#82
4-Chlorotoluene
Concen: 20.353 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VY016296.D
Acq: 10 Nov 2023 10:04

Tgt Ion: 91 Resp: 119104
Ion Ratio Lower Upper
91 100
126 34.5 17.2 51.6





#83

tert-Butylbenzene

Concen: 19.825 ug/l

RT: 13.081 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016296.D

Acq: 10 Nov 2023 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VY1110SBS01

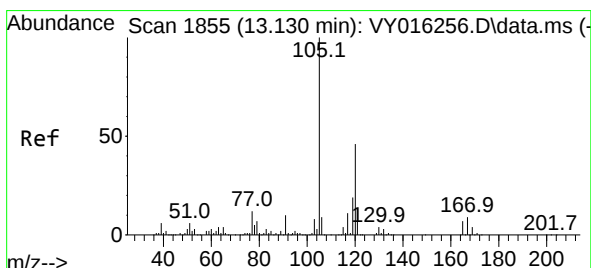
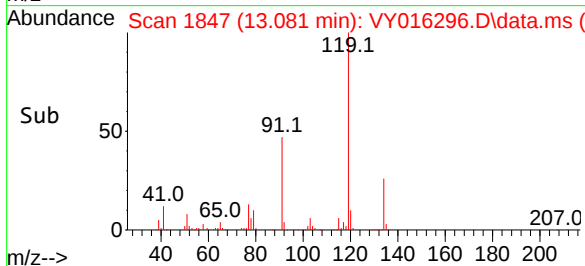
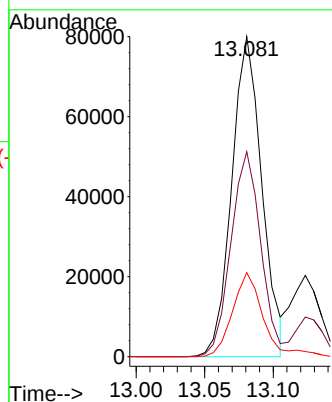
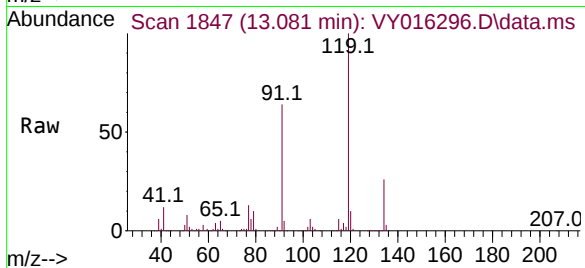
Tgt Ion:119 Resp: 122425

Ion Ratio Lower Upper

119 100

91 63.4 32.9 98.6

134 26.8 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 20.320 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. -0.006 min

Lab File: VY016296.D

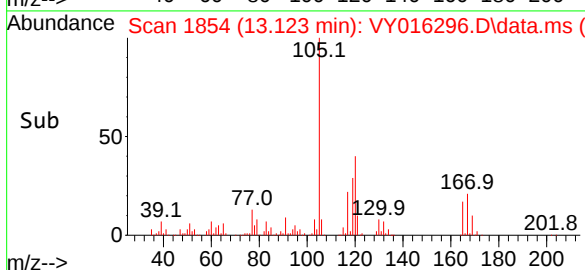
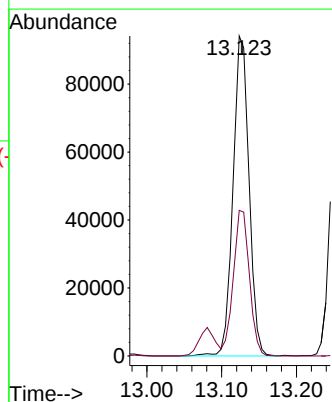
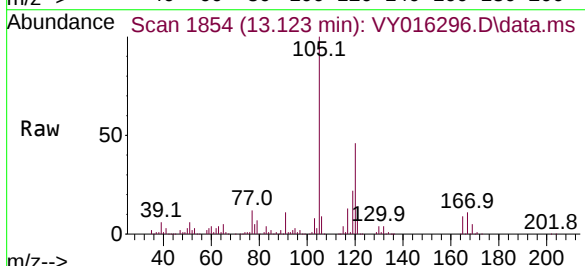
Acq: 10 Nov 2023 10:04

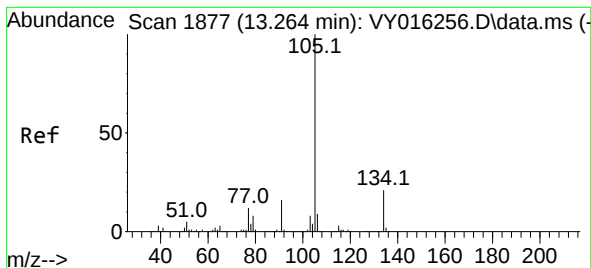
Tgt Ion:105 Resp: 140279

Ion Ratio Lower Upper

105 100

120 45.8 22.2 66.6





#85

sec-Butylbenzene

Concen: 20.132 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. -0.006 min

Lab File: VY016296.D

Acq: 10 Nov 2023 10:04

Instrument :

MSVOA_Y

ClientSampleId :

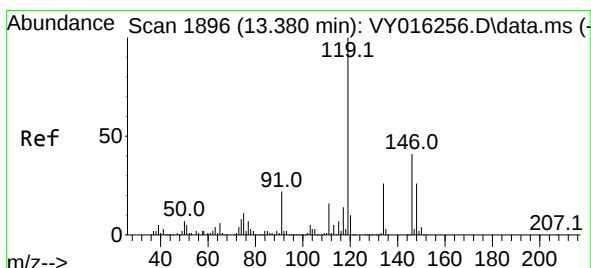
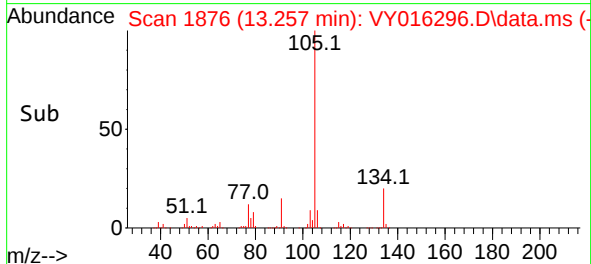
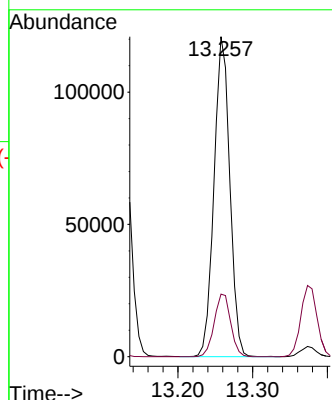
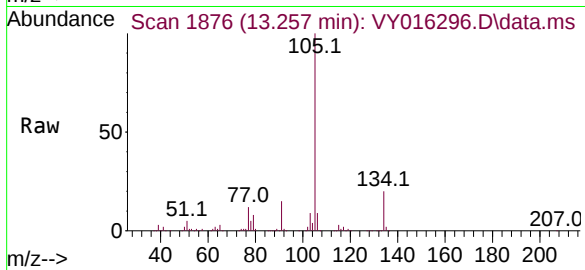
VY1110SBS01

Tgt Ion:105 Resp: 177608

Ion Ratio Lower Upper

105 100

134 20.3 10.2 30.6



#86

p-Isopropyltoluene

Concen: 20.152 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.006 min

Lab File: VY016296.D

Acq: 10 Nov 2023 10:04

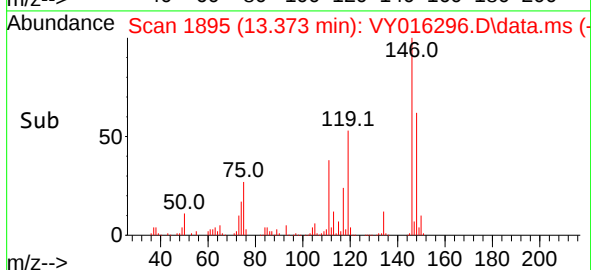
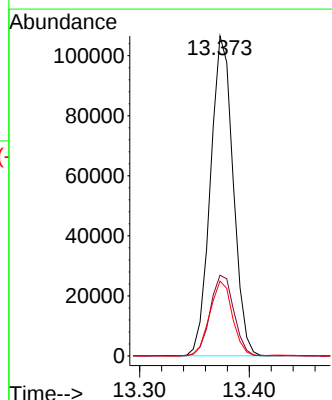
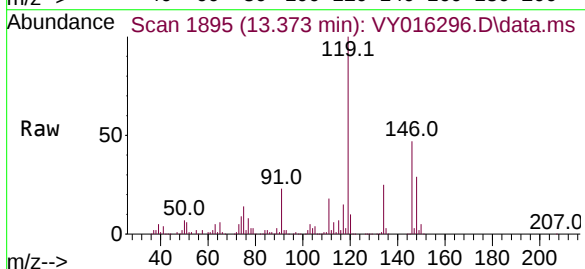
Tgt Ion:119 Resp: 153087

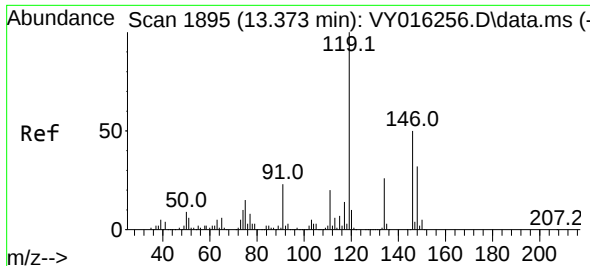
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

91 23.5 12.4 37.4

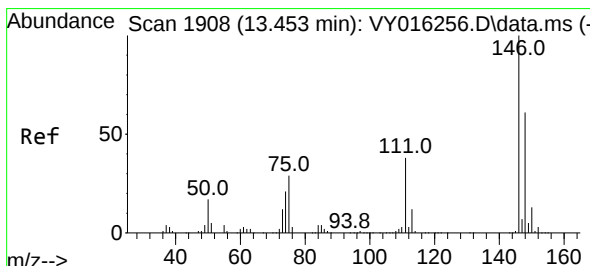
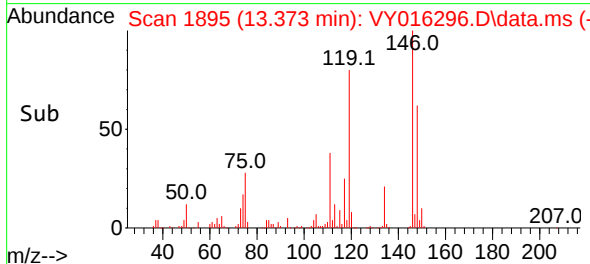
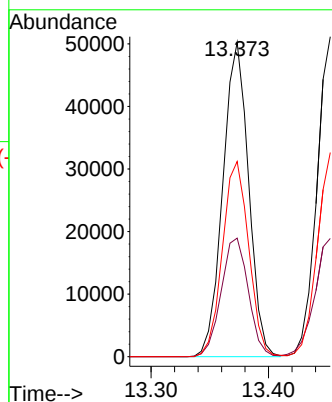
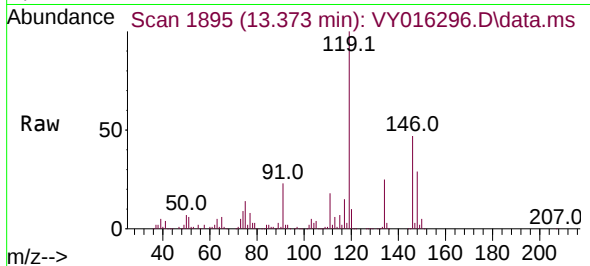




#87
1,3-Dichlorobenzene
Concen: 20.225 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VY016296.D
Acq: 10 Nov 2023 10:04

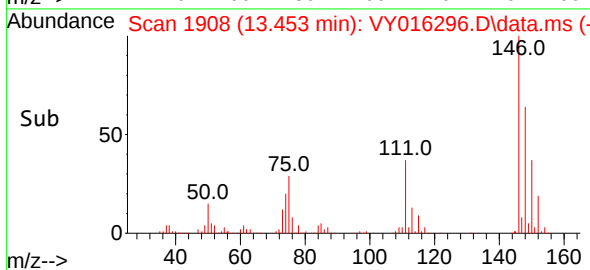
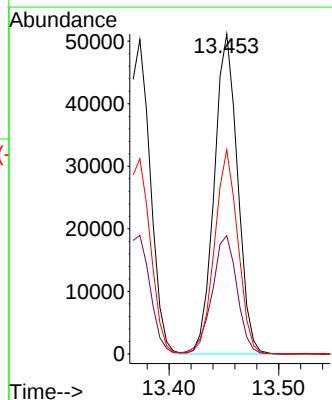
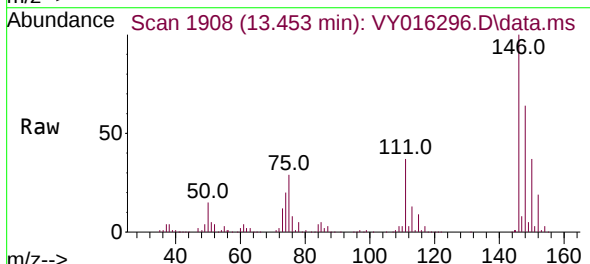
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBS01

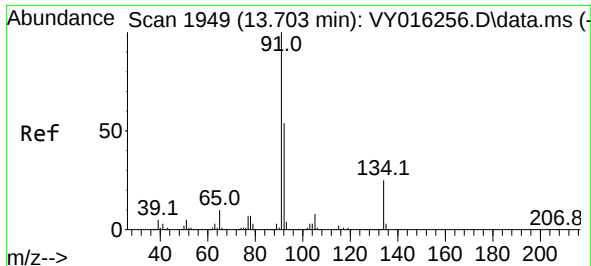
Tgt Ion:146 Resp: 76472
Ion Ratio Lower Upper
146 100
111 39.8 19.4 58.2
148 63.5 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 20.485 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY016296.D
Acq: 10 Nov 2023 10:04

Tgt Ion:146 Resp: 75697
Ion Ratio Lower Upper
146 100
111 39.6 18.9 56.7
148 63.5 32.1 96.5





#89

n-Butylbenzene

Concen: 20.347 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VY016296.D

Acq: 10 Nov 2023 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VY1110SBS01

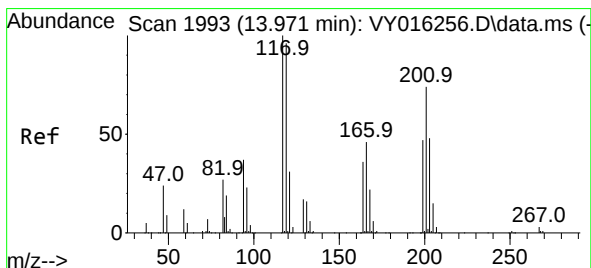
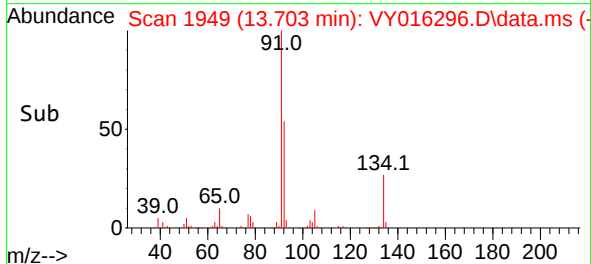
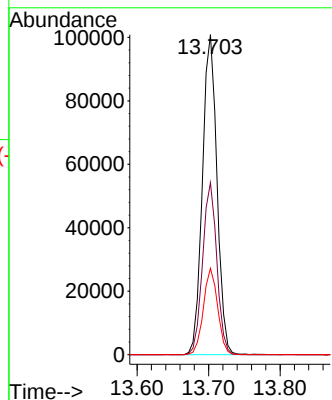
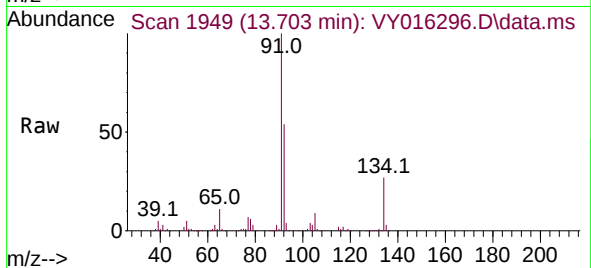
Tgt Ion: 91 Resp: 142748

Ion Ratio Lower Upper

91 100

92 52.6 25.4 76.0

134 26.4 12.6 37.6



#90

Hexachloroethane

Concen: 19.693 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. -0.006 min

Lab File: VY016296.D

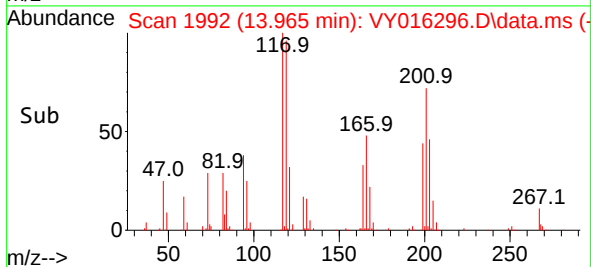
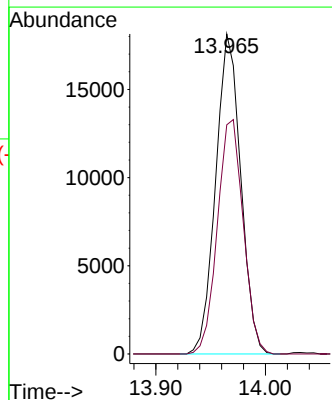
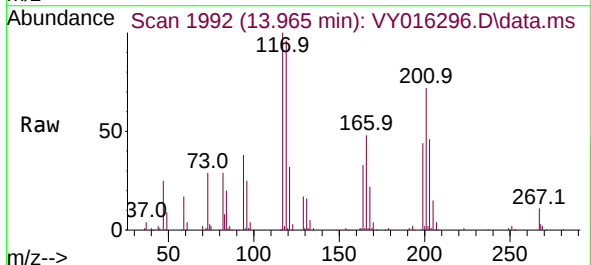
Acq: 10 Nov 2023 10:04

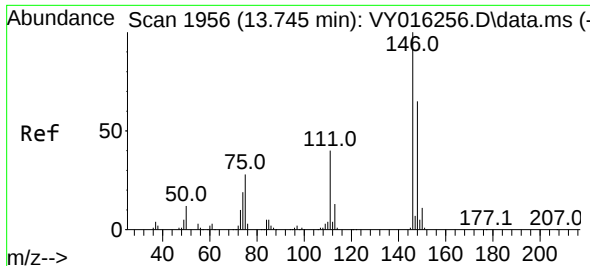
Tgt Ion: 117 Resp: 28859

Ion Ratio Lower Upper

117 100

201 75.6 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 20.546 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. -0.000 min

Lab File: VY016296.D

Acq: 10 Nov 2023 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VY1110SBS01

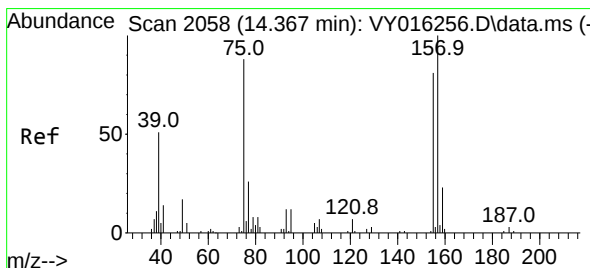
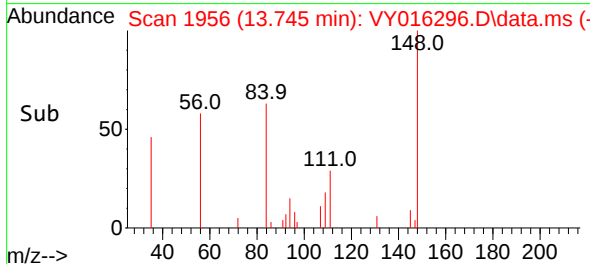
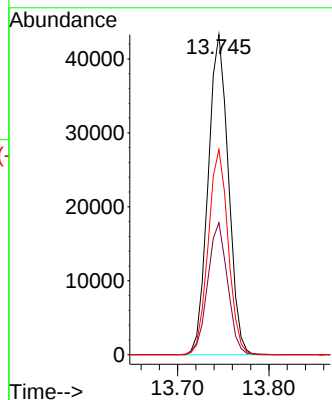
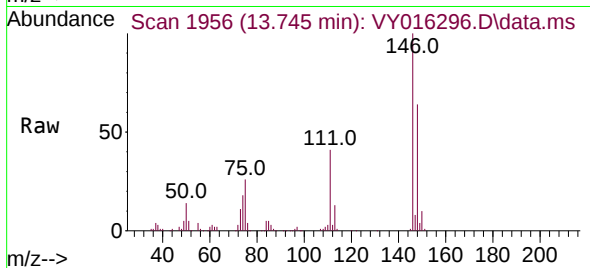
Tgt Ion:146 Resp: 66568

Ion Ratio Lower Upper

146 100

111 40.3 19.7 59.0

148 63.0 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.126 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. -0.006 min

Lab File: VY016296.D

Acq: 10 Nov 2023 10:04

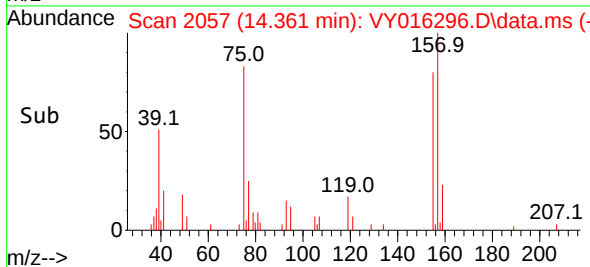
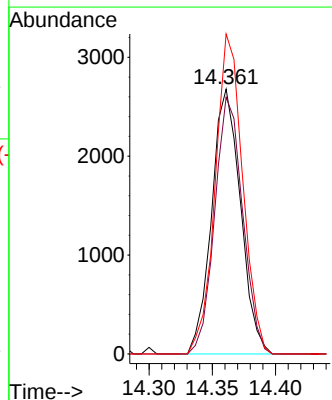
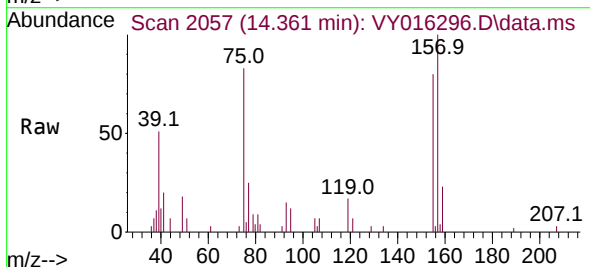
Tgt Ion: 75 Resp: 4246

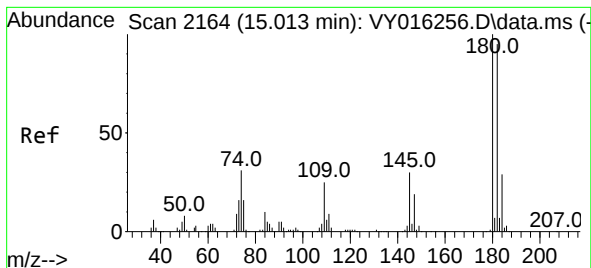
Ion Ratio Lower Upper

75 100

155 93.7 41.5 124.6

157 114.9 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 20.524 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. -0.000 min

Lab File: VY016296.D

Acq: 10 Nov 2023 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VY1110SBS01

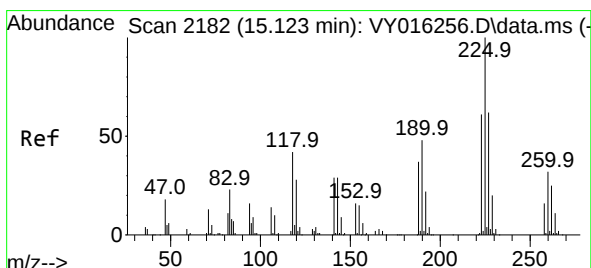
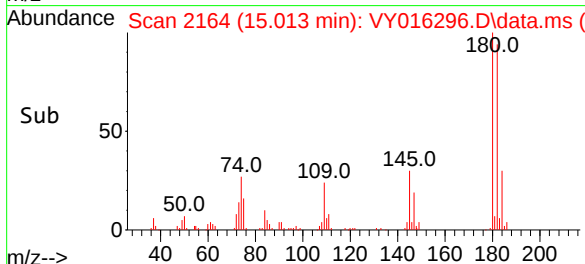
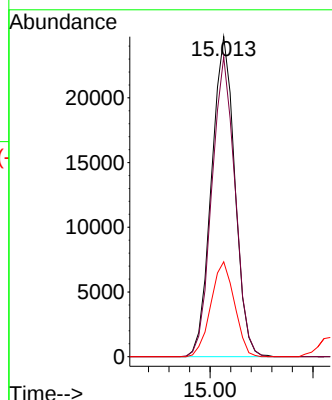
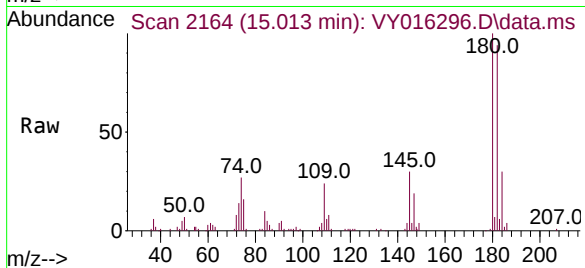
Tgt Ion:180 Resp: 38816

Ion Ratio Lower Upper

180 100

182 93.2 47.0 141.2

145 30.1 14.5 43.5



#94

Hexachlorobutadiene

Concen: 20.769 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY016296.D

Acq: 10 Nov 2023 10:04

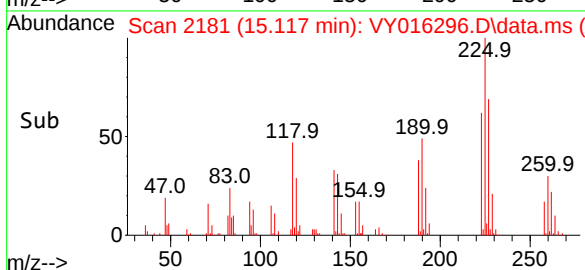
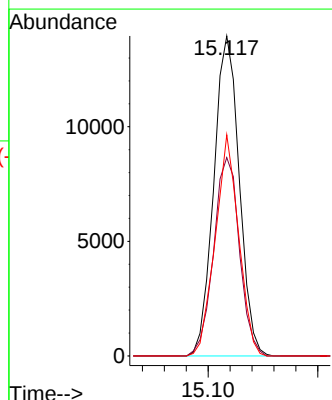
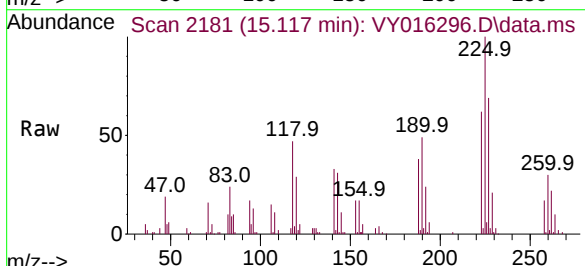
Tgt Ion:225 Resp: 22503

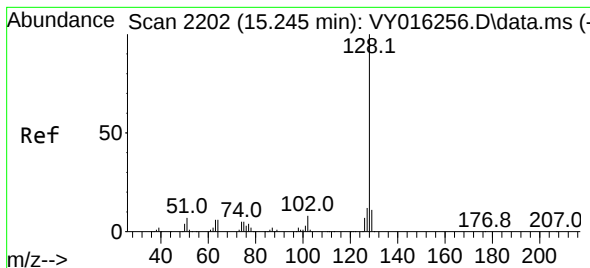
Ion Ratio Lower Upper

225 100

223 62.8 31.9 95.9

227 63.6 33.0 98.9





#95

Naphthalene

Concen: 19.910 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY016296.D

Acq: 10 Nov 2023 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VY1110SBS01

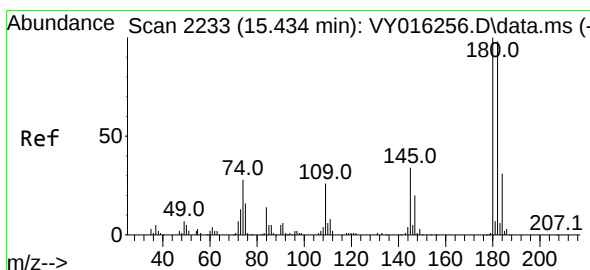
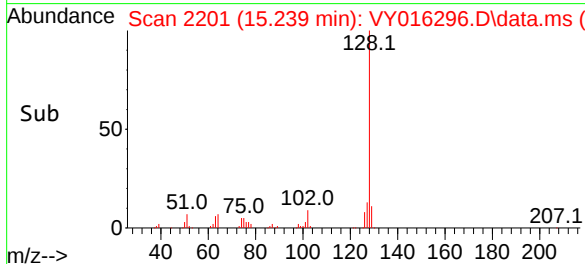
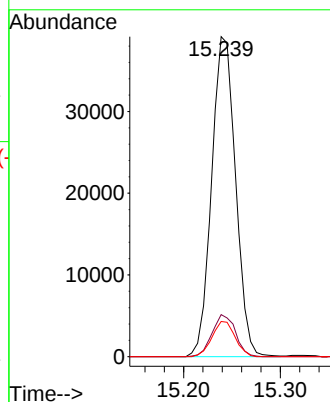
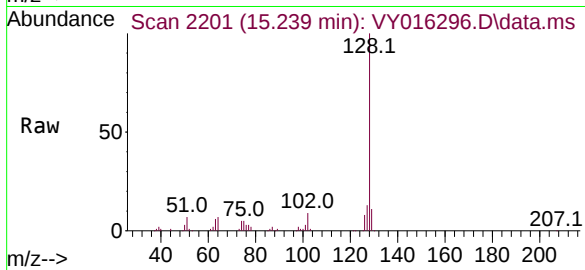
Tgt Ion:128 Resp: 67344

Ion Ratio Lower Upper

128 100

127 12.8 10.8 16.2

129 10.6 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.061 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY016296.D

Acq: 10 Nov 2023 10:04

Tgt Ion:180 Resp: 31380

Ion Ratio Lower Upper

180 100

182 96.4 47.3 141.8

145 31.9 15.4 46.2

