

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111623\
 Data File : VY016402.D
 Acq On : 16 Nov 2023 19:58
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 17 07:44:39 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	7.795	168	152775	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	251952	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	225841	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	105884	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	74404	53.286	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.580%	
35) Dibromofluoromethane	7.722	113	76982	53.787	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.580%	
50) Toluene-d8	10.185	98	292883	50.462	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.920%	
62) 4-Bromofluorobenzene	12.483	95	99796	52.941	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.880%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	65870	44.033	ug/l	97
3) Chloromethane	2.113	50	78395	44.747	ug/l	96
4) Vinyl Chloride	2.253	62	83867	44.518	ug/l	97
5) Bromomethane	2.656	94	56082	45.298	ug/l	99
6) Chloroethane	2.796	64	55865	46.473	ug/l	97
7) Trichlorofluoromethane	3.131	101	130315	47.546	ug/l	98
8) Diethyl Ether	3.534	74	43606	53.232	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.899	101	78171	47.353	ug/l	95
10) Methyl Iodide	4.101	142	88908	49.867	ug/l	97
11) Tert butyl alcohol	4.954	59	29733	271.928	ug/l #	80
12) 1,1-Dichloroethene	3.881	96	73822	47.817	ug/l	86
13) Acrolein	3.729	56	36391	275.929	ug/l	100
14) Allyl chloride	4.485	41	105815	48.299	ug/l #	92
15) Acrylonitrile	5.168	53	91651	281.930	ug/l	97
16) Acetone	3.948	43	61925	268.113	ug/l	91
17) Carbon Disulfide	4.204	76	209829	45.046	ug/l	99
18) Methyl Acetate	4.485	43	75302	61.357	ug/l #	89
19) Methyl tert-butyl Ether	5.228	73	203954	54.583	ug/l	98
20) Methylene Chloride	4.722	84	94864	58.750	ug/l	88
21) trans-1,2-Dichloroethene	5.228	96	86854	48.862	ug/l	96
22) Diisopropyl ether	6.125	45	238018	50.412	ug/l #	89
23) Vinyl Acetate	6.070	43	578707	252.957	ug/l #	92
24) 1,1-Dichloroethane	6.027	63	145851	50.073	ug/l	96
25) 2-Butanone	6.990	43	110565	273.305	ug/l	94
26) 2,2-Dichloropropane	6.984	77	130064	49.062	ug/l	96
27) cis-1,2-Dichloroethene	6.990	96	99611	51.999	ug/l	89
28) Bromochloromethane	7.344	49	55819	51.779	ug/l	84
29) Tetrahydrofuran	7.356	42	76546	286.267	ug/l	89
30) Chloroform	7.515	83	157822	52.054	ug/l	97
31) Cyclohexane	7.795	56	119044	43.303	ug/l	88
32) 1,1,1-Trichloroethane	7.710	97	141313	50.846	ug/l	96
36) 1,1-Dichloropropene	7.923	75	117314	47.205	ug/l	99
37) Ethyl Acetate	7.082	43	51186	50.974	ug/l #	92
38) Carbon Tetrachloride	7.905	117	128733	49.910	ug/l	98
39) Methylcyclohexane	9.191	83	139424	45.023	ug/l	91
40) Benzene	8.167	78	343748	49.231	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	70124	138.500	ug/l #	38
42) 1,2-Dichloroethane	8.240	62	95277	52.664	ug/l	93
43) Isopropyl Acetate	8.277	43	99894	51.465	ug/l #	89
44) Trichloroethene	8.947	130	100616	50.140	ug/l	95
45) 1,2-Dichloropropane	9.222	63	83942	50.059	ug/l	95
46) Dibromomethane	9.307	93	48616	53.501	ug/l	98
47) Bromodichloromethane	9.502	83	122304	52.352	ug/l	98
48) Methyl methacrylate	9.295	41	55218	51.474	ug/l #	85
49) 1,4-Dioxane	9.307	88	10734	1112.656	ug/l #	63
51) 4-Methyl-2-Pentanone	10.075	43	264551	269.530	ug/l	89
52) Toluene	10.246	92	218991	49.616	ug/l	95
53) t-1,3-Dichloropropene	10.471	75	119367	52.707	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	140103	51.795	ug/l #	87
55) 1,1,2-Trichloroethane	10.648	97	67957	54.259	ug/l	96
56) Ethyl methacrylate	10.514	69	65349	55.273	ug/l #	82
57) 1,3-Dichloropropane	10.795	76	114585	53.672	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	224653	280.230	ug/l	92
59) 2-Hexanone	10.837	43	184096	252.158	ug/l	87
60) Dibromochloromethane	10.990	129	86556	55.258	ug/l	100
61) 1,2-Dibromoethane	11.093	107	64915	54.403	ug/l	100
64) Tetrachloroethene	10.727	164	103362	50.972	ug/l	97
65) Chlorobenzene	11.520	112	238308	49.389	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	91684	51.517	ug/l	99
67) Ethyl Benzene	11.599	91	423602	48.849	ug/l	98
68) m/p-Xylenes	11.709	106	319484	97.136	ug/l	94
69) o-Xylene	12.032	106	151169	49.503	ug/l	97
70) Styrene	12.050	104	224213	51.276	ug/l	98
71) Bromoform	12.215	173	51381	55.640	ug/l #	98
73) Isopropylbenzene	12.337	105	411286	47.967	ug/l	100
74) N-amyl acetate	12.148	43	85215	49.478	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.587	83	69944	50.837	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	94924	93.454	ug/l #	100
77) Bromobenzene	12.611	156	96991	50.050	ug/l	93
78) n-propylbenzene	12.678	91	476499	47.025	ug/l	98
79) 2-Chlorotoluene	12.764	91	266660	47.752	ug/l	98
80) 1,3,5-Trimethylbenzene	12.819	105	337453	48.814	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	23964	51.210	ug/l	92
82) 4-Chlorotoluene	12.861	91	276361	47.894	ug/l	99
83) tert-Butylbenzene	13.081	119	293893	48.266	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	331861	48.754	ug/l	98
85) sec-Butylbenzene	13.258	105	414046	47.597	ug/l	100
86) p-Isopropyltoluene	13.373	119	360876	48.178	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	183188	49.135	ug/l	100
88) 1,4-Dichlorobenzene	13.453	146	178661	49.034	ug/l	100
89) n-Butylbenzene	13.703	91	324963	46.977	ug/l	96
90) Hexachloroethane	13.965	117	68318	47.281	ug/l	95
91) 1,2-Dichlorobenzene	13.745	146	159041	49.782	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	11159	50.978	ug/l	87
93) 1,2,4-Trichlorobenzene	15.013	180	93228	49.994	ug/l	98
94) Hexachlorobutadiene	15.117	225	51901	48.580	ug/l	99
95) Naphthalene	15.239	128	175075	52.493	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	76676	49.712	ug/l	99

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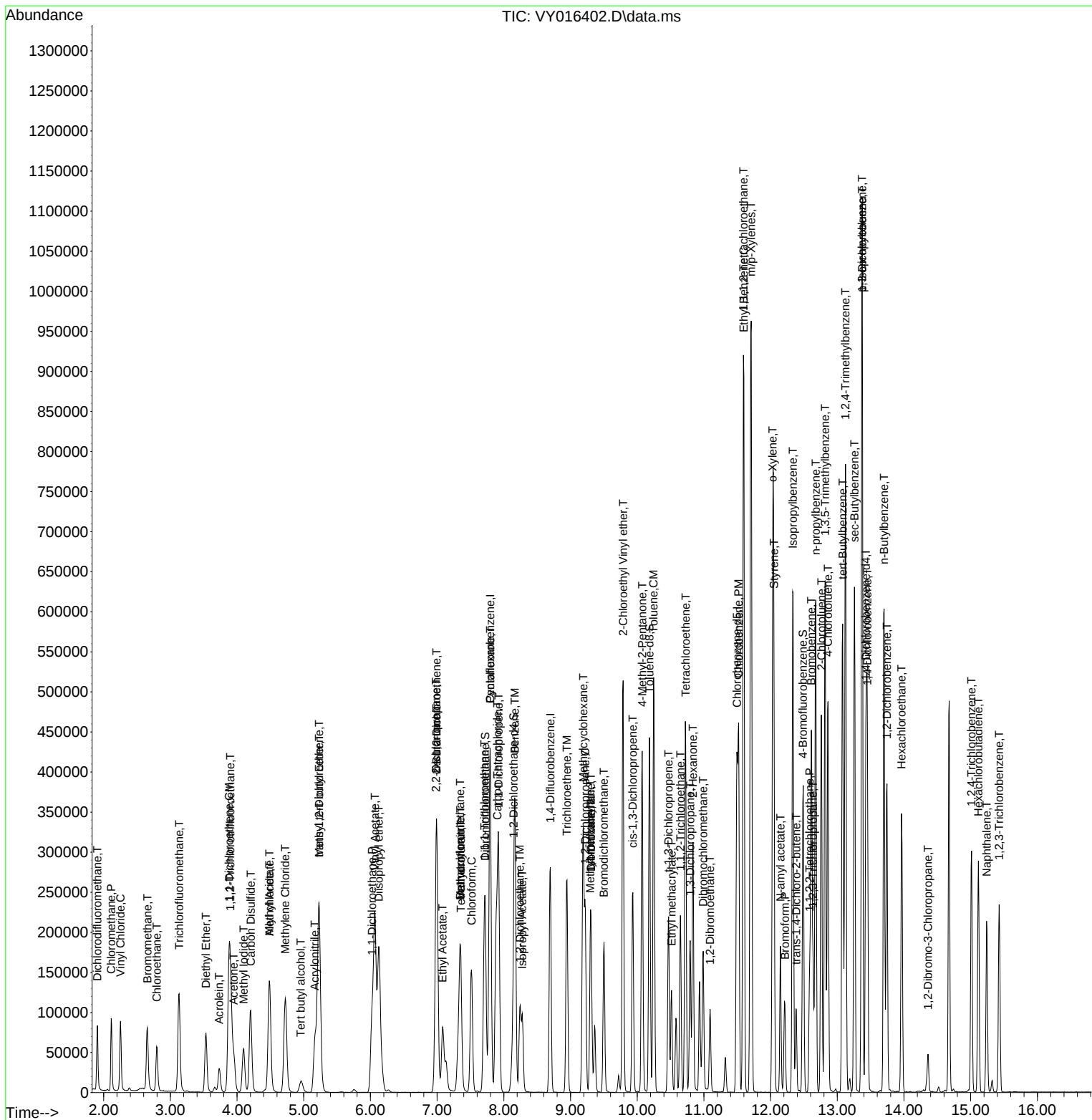
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

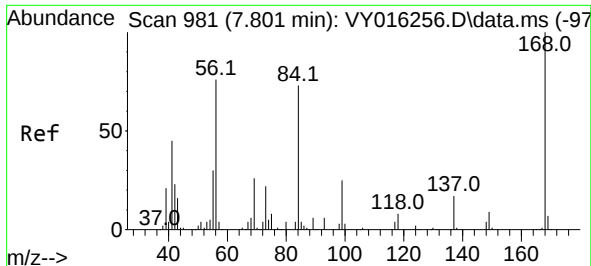
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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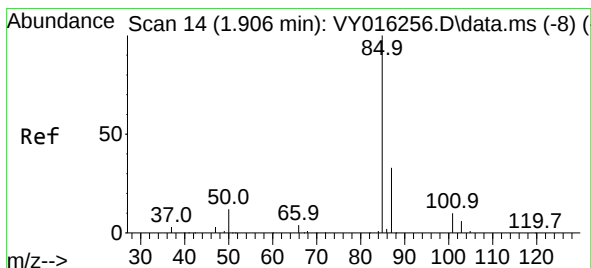
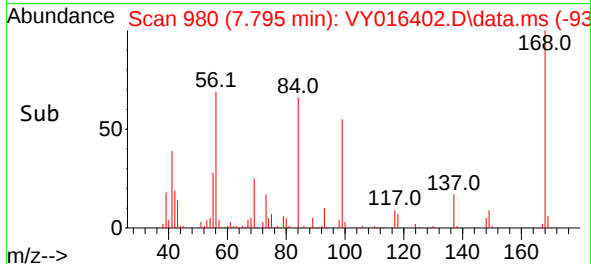
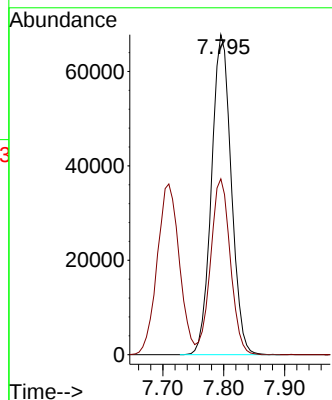
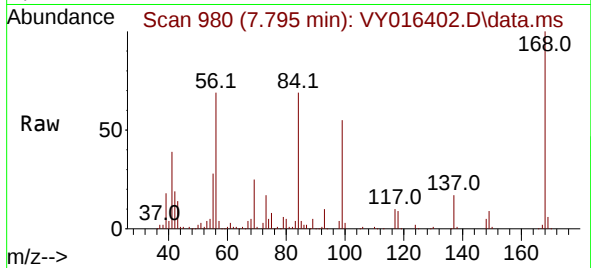




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016402.D
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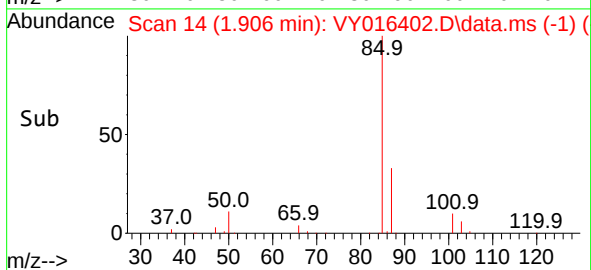
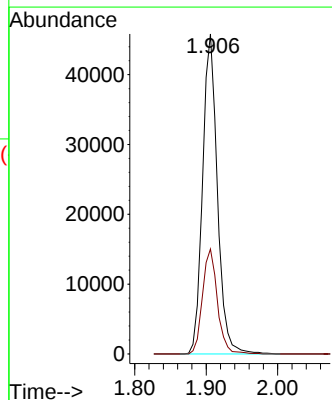
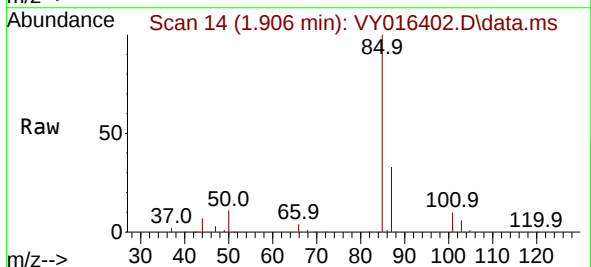
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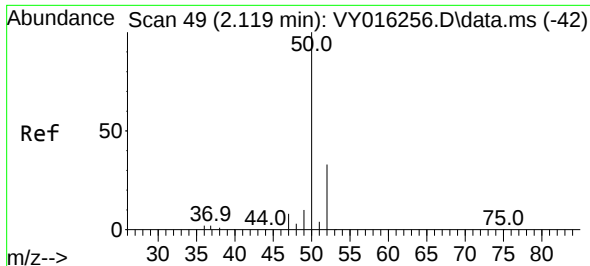
Tgt Ion:168 Resp: 152775
Ion Ratio Lower Upper
168 100
99 54.9 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 44.033 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY016402.D
Acq: 16 Nov 2023 19:58

Tgt Ion: 85 Resp: 65870
Ion Ratio Lower Upper
85 100
87 32.8 15.6 46.8

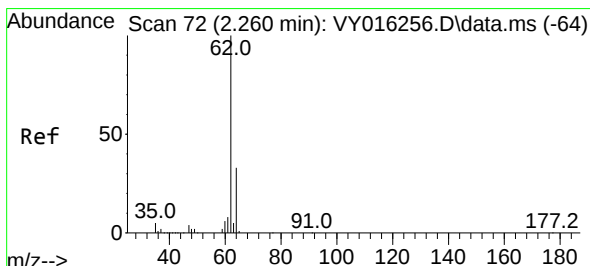
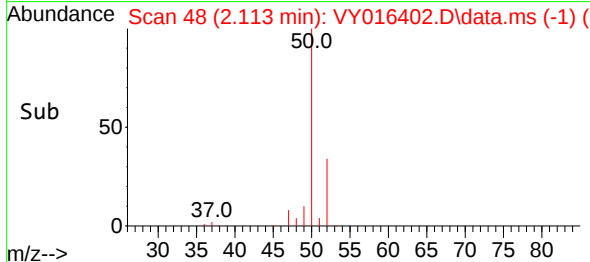
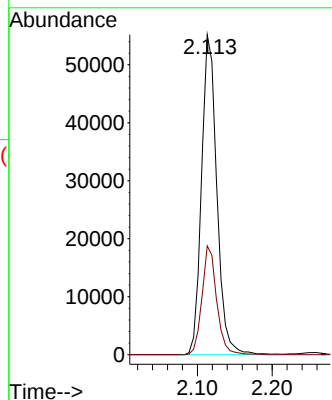
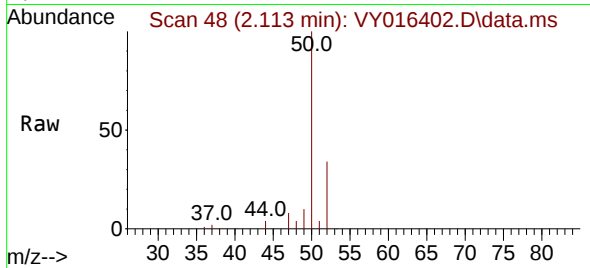




#3
Chloromethane
Concen: 44.747 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY016402.D
Acq: 16 Nov 2023 19:58

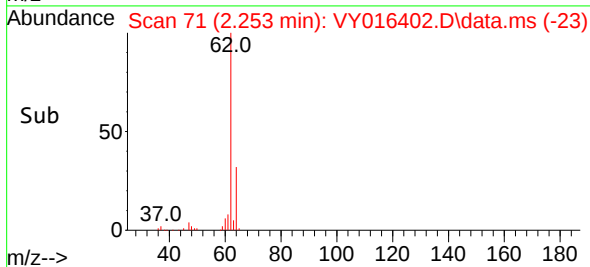
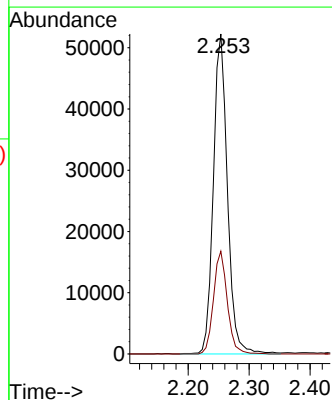
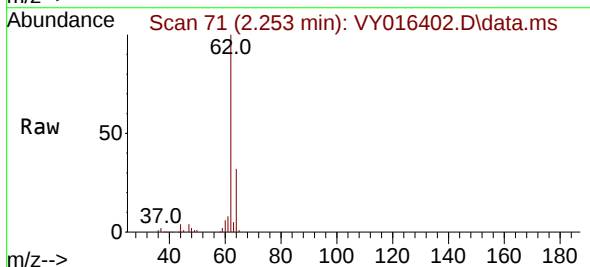
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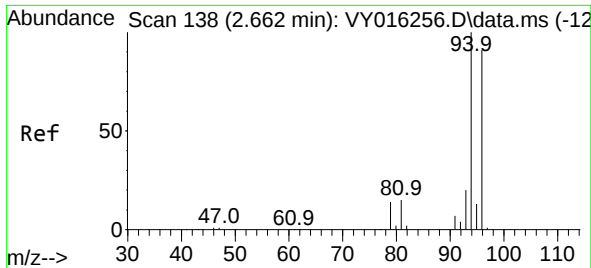
Tgt Ion: 50 Resp: 78395
Ion Ratio Lower Upper
50 100
52 34.0 25.4 38.2



#4
Vinyl Chloride
Concen: 44.518 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY016402.D
Acq: 16 Nov 2023 19:58

Tgt Ion: 62 Resp: 83867
Ion Ratio Lower Upper
62 100
64 32.1 24.3 36.5

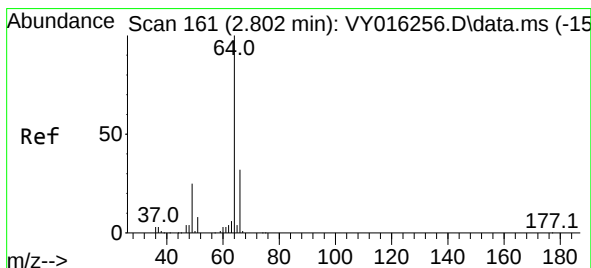
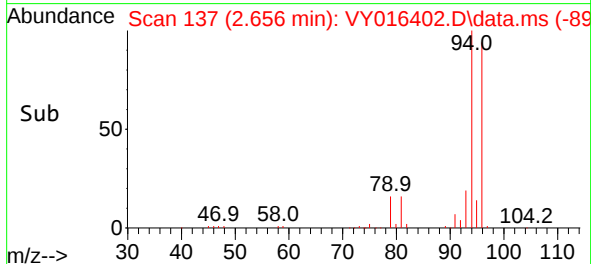
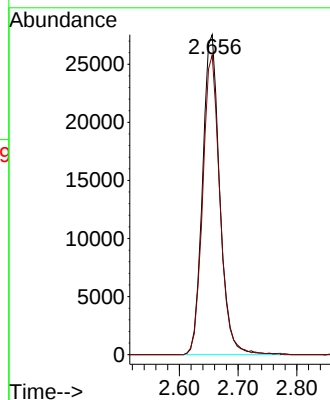
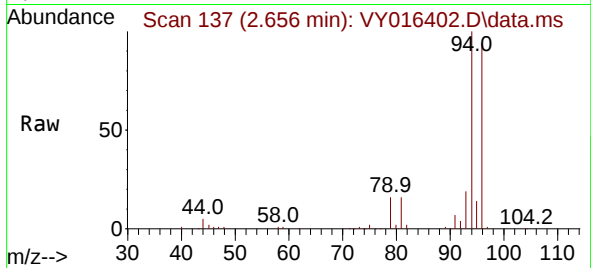




#5
Bromomethane
Concen: 45.298 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.006 min
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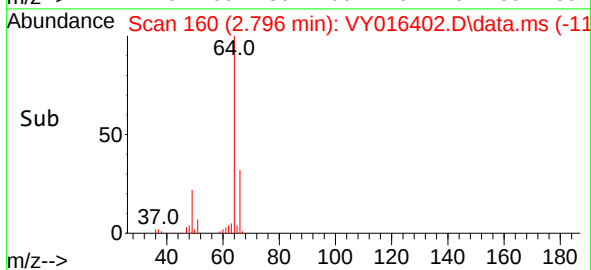
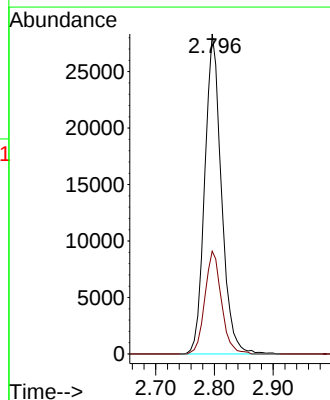
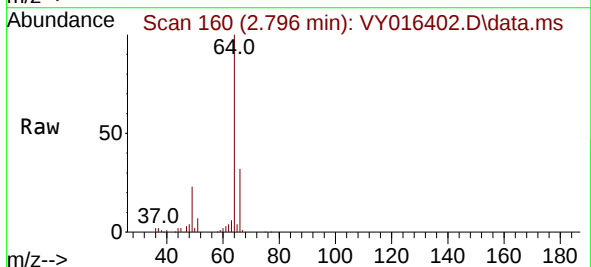
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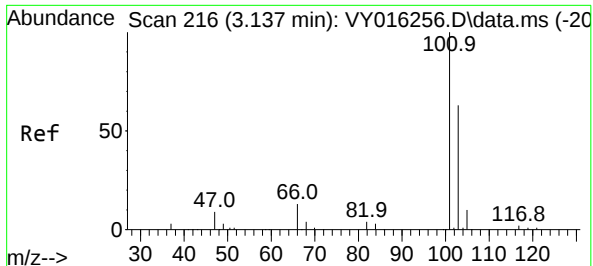
Tgt Ion: 94 Resp: 56082
Ion Ratio Lower Upper
94 100
96 93.6 75.8 113.6



#6
Chloroethane
Concen: 46.473 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.006 min
Lab File: VY016402.D
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Tgt Ion: 64 Resp: 55865
Ion Ratio Lower Upper
64 100
66 32.1 24.4 36.6

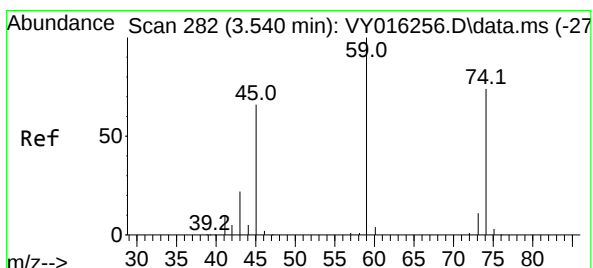
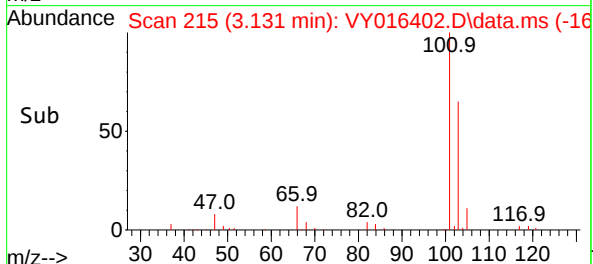
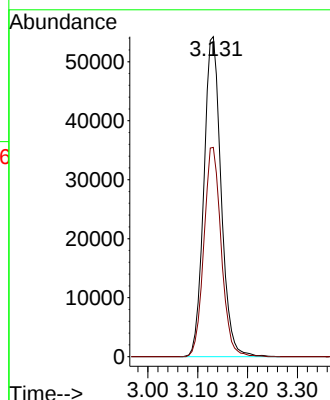
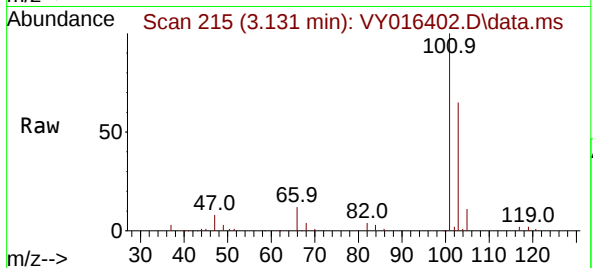




#7
Trichlorofluoromethane
Concen: 47.546 ug/l
RT: 3.131 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY016402.D
Acq: 16 Nov 2023 19:58

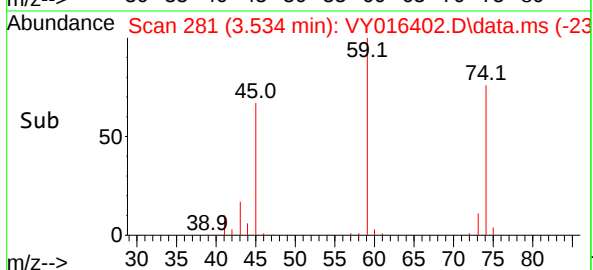
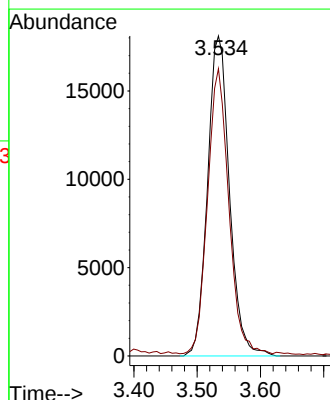
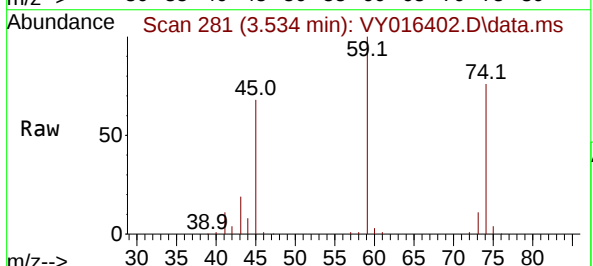
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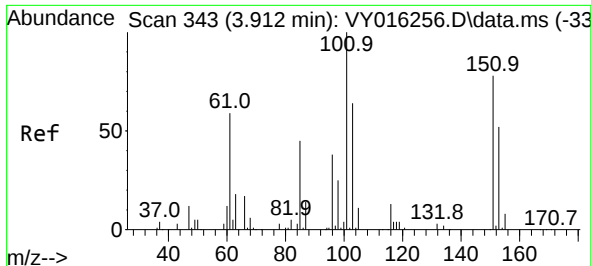
Tgt Ion:101 Resp: 130315
Ion Ratio Lower Upper
101 100
103 65.4 51.4 77.0



#8
Diethyl Ether
Concen: 53.232 ug/l
RT: 3.534 min Scan# 281
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 43606
Ion Ratio Lower Upper
74 100
45 86.0 51.5 154.5

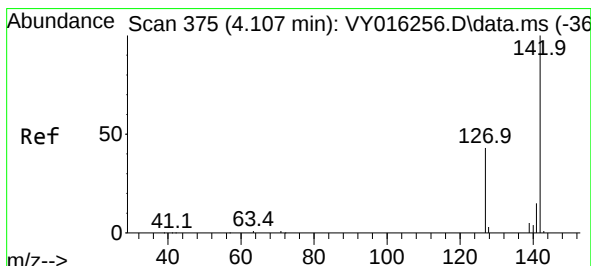
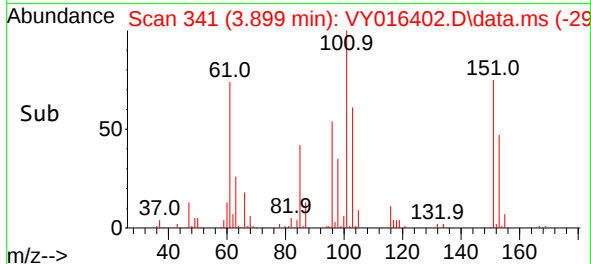
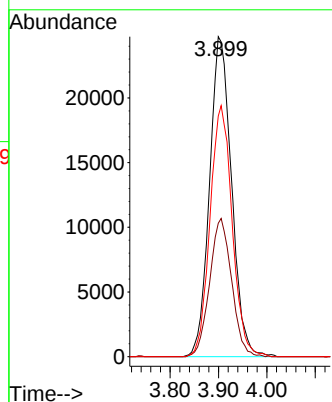
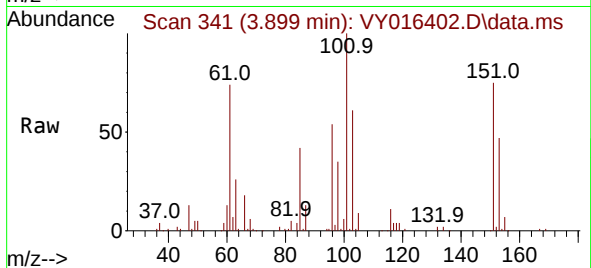




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.353 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.012 min
Lab File: VY016402.D
Acq: 16 Nov 2023 19:58

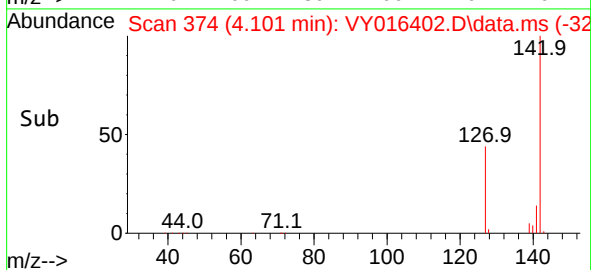
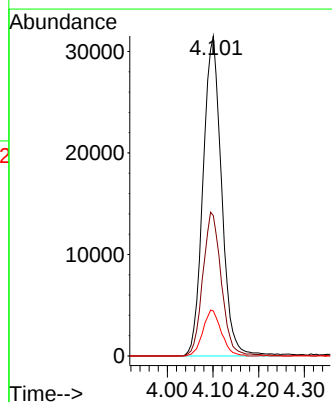
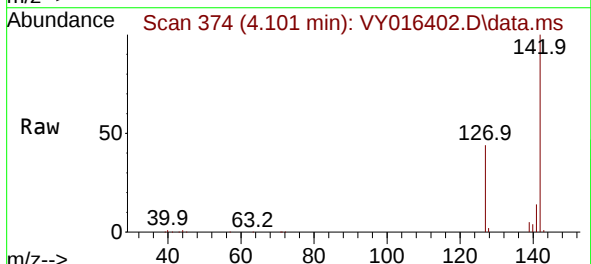
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 78171
Ion Ratio Lower Upper
101 100
85 43.2 36.6 55.0
151 78.9 67.0 100.6



#10
Methyl Iodide
Concen: 49.867 ug/l
RT: 4.101 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY016402.D
Acq: 16 Nov 2023 19:58

Tgt Ion:142 Resp: 88908
Ion Ratio Lower Upper
142 100
127 44.9 37.6 56.4
141 14.2 11.8 17.8

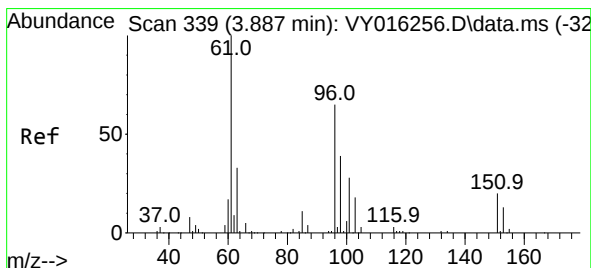
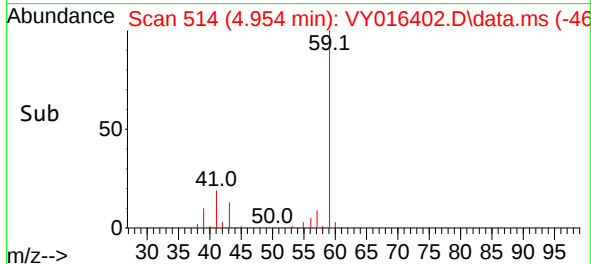
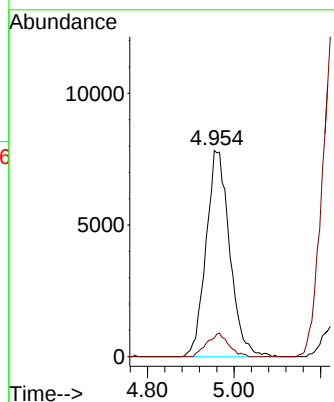
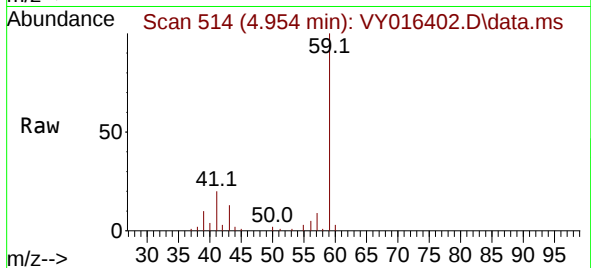




#11
Tert butyl alcohol
Concen: 271.928 ug/l
RT: 4.954 min Scan# 517
Delta R.T. -0.018 min
Lab File: VY016402.D
Acq: 16 Nov 2023 19:58

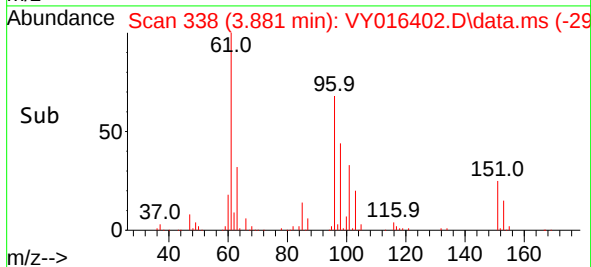
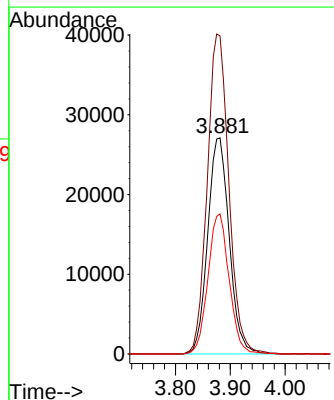
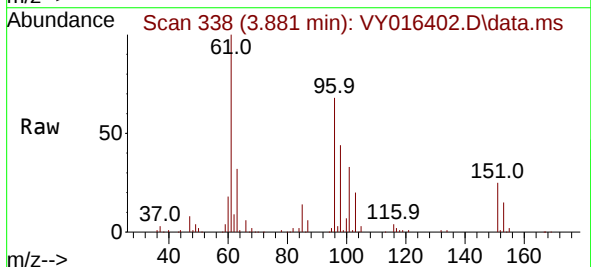
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

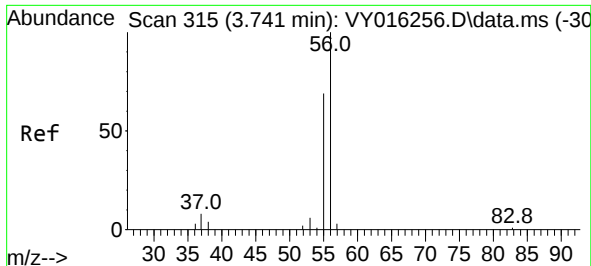
Tgt Ion: 59 Resp: 29733
Ion Ratio Lower Upper
59 100
57 10.4 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 47.817 ug/l
RT: 3.881 min Scan# 338
Delta R.T. -0.006 min
Lab File: VY016402.D
Acq: 16 Nov 2023 19:58

Tgt Ion: 96 Resp: 73822
Ion Ratio Lower Upper
96 100
61 147.1 136.4 204.6
98 64.7 49.4 74.2





#13

Acrolein

Concen: 275.929 ug/l

RT: 3.729 min Scan# 31

Delta R.T. -0.012 min

Lab File: VY016402.D

Acq: 16 Nov 2023 19:58

Instrument :

MSVOA_Y

ClientSampleId :

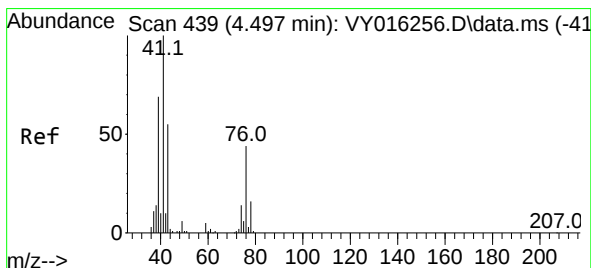
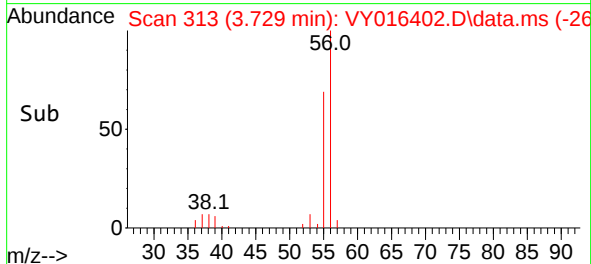
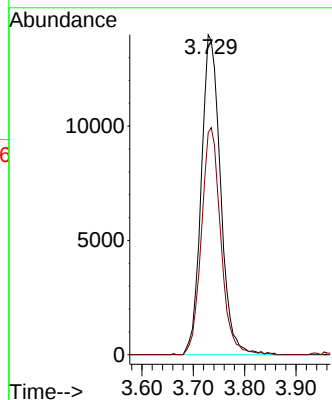
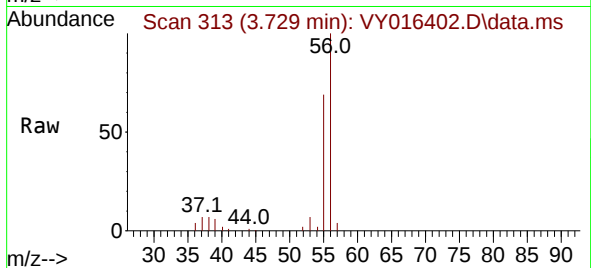
VSTDCCC050EC

Tgt Ion: 56 Resp: 36391

Ion Ratio Lower Upper

56 100

55 71.3 57.0 85.4



#14

Allyl chloride

Concen: 48.299 ug/l

RT: 4.485 min Scan# 437

Delta R.T. -0.012 min

Lab File: VY016402.D

Acq: 16 Nov 2023 19:58

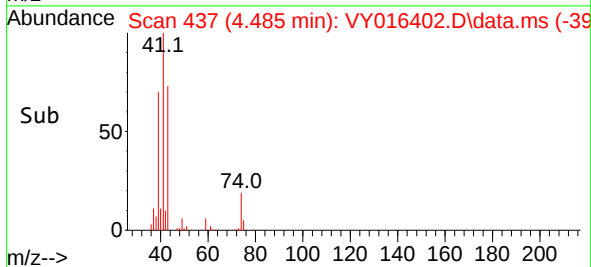
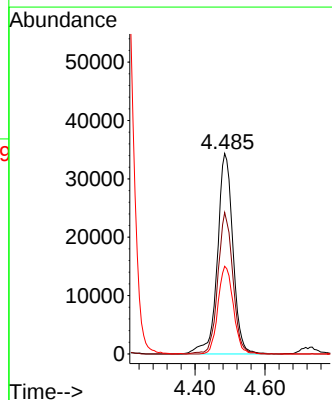
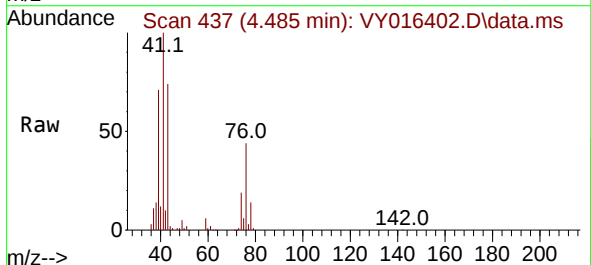
Tgt Ion: 41 Resp: 105815

Ion Ratio Lower Upper

41 100

39 68.2 58.0 87.0

76 43.1 27.4 41.2#

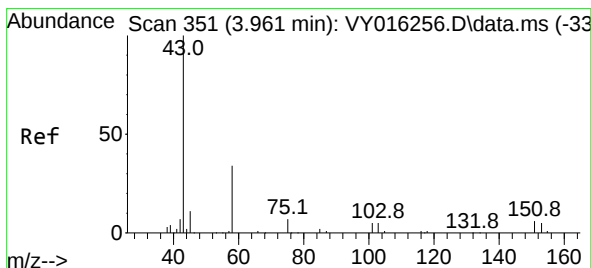
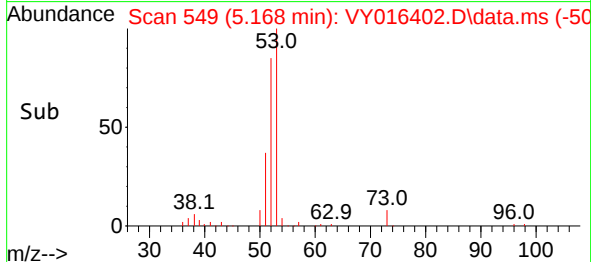
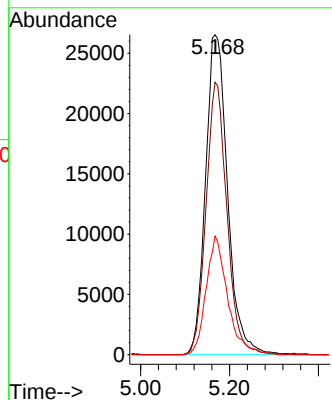
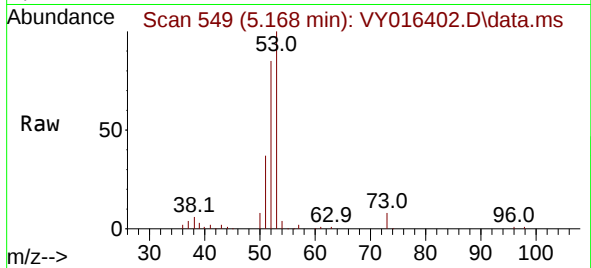




#15
Acrylonitrile
Concen: 281.930 ug/l
RT: 5.168 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY016402.D
Acq: 16 Nov 2023 19:58

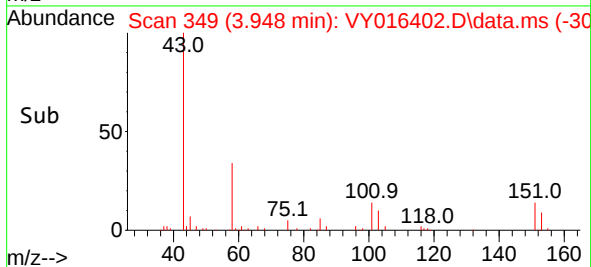
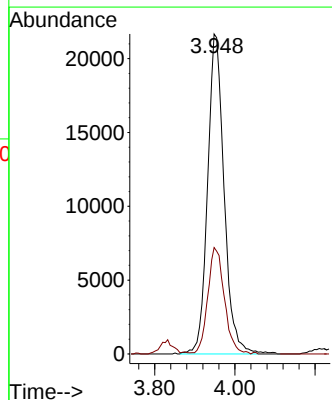
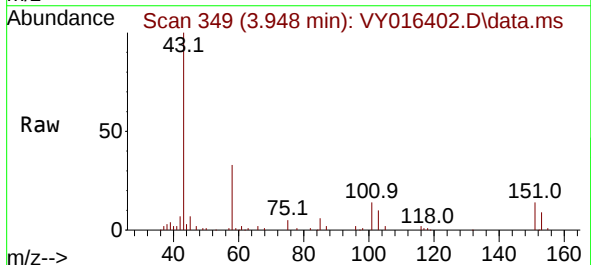
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

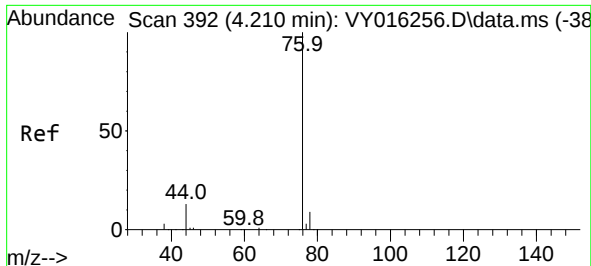
Tgt Ion: 53	Resp: 91651
Ion Ratio	Lower Upper
53	100
52	80.7 66.9 100.3
51	36.1 29.8 44.6



#16
Acetone
Concen: 268.113 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY016402.D
Acq: 16 Nov 2023 19:58

Tgt Ion: 43	Resp: 61925
Ion Ratio	Lower Upper
43	100
58	33.2 22.7 34.1





#17

Carbon Disulfide

Concen: 45.046 ug/l

RT: 4.204 min Scan# 391

Delta R.T. -0.006 min

Lab File: VY016402.D

Acq: 16 Nov 2023 19:58

Instrument :

MSVOA_Y

ClientSampleId :

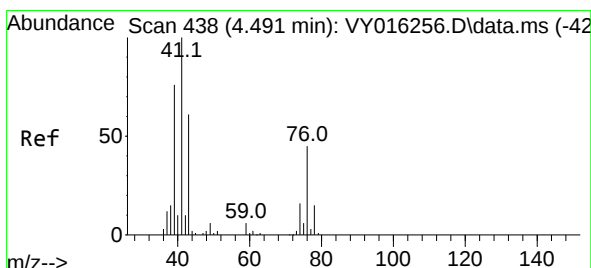
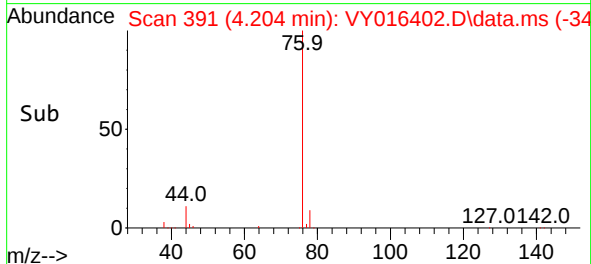
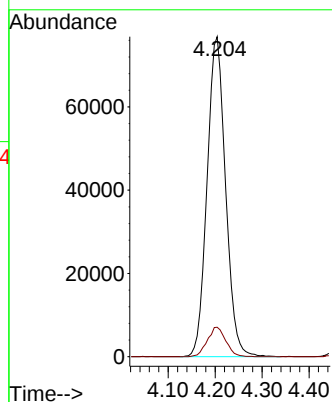
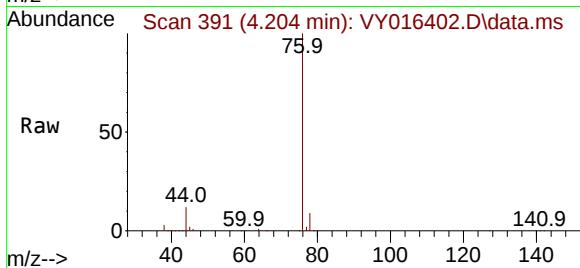
VSTDCCC050EC

Tgt Ion: 76 Resp: 209829

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.4



#18

Methyl Acetate

Concen: 61.357 ug/l

RT: 4.485 min Scan# 437

Delta R.T. -0.006 min

Lab File: VY016402.D

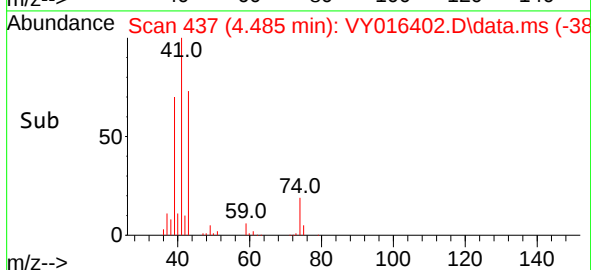
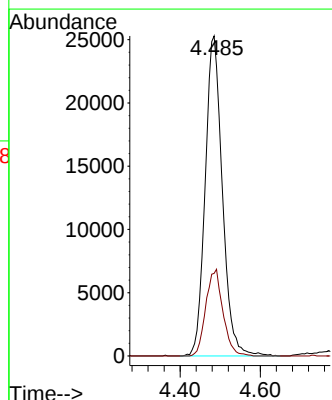
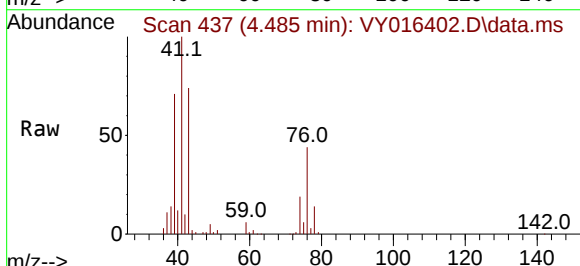
Acq: 16 Nov 2023 19:58

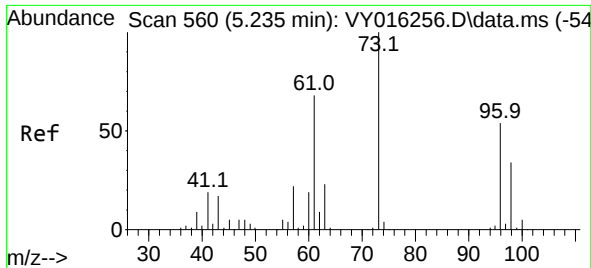
Tgt Ion: 43 Resp: 75302

Ion Ratio Lower Upper

43 100

74 26.9 17.4 26.0#

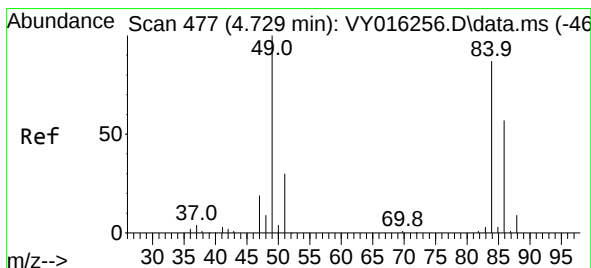
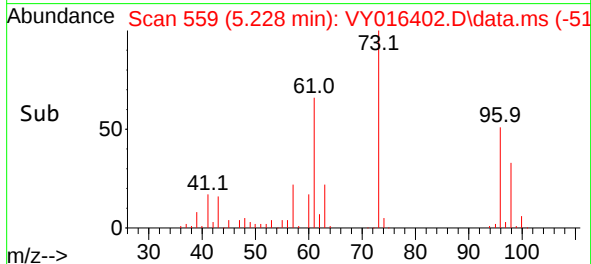
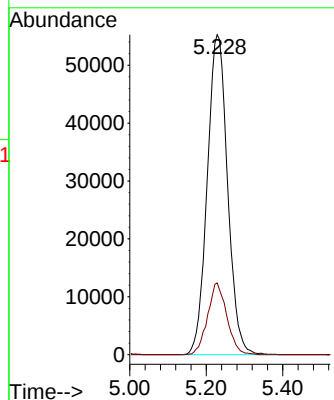
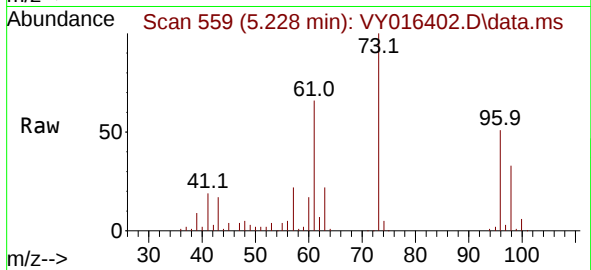




#19
Methyl tert-butyl Ether
Concen: 54.583 ug/l
RT: 5.228 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016402.D
Acq: 16 Nov 2023 19:58

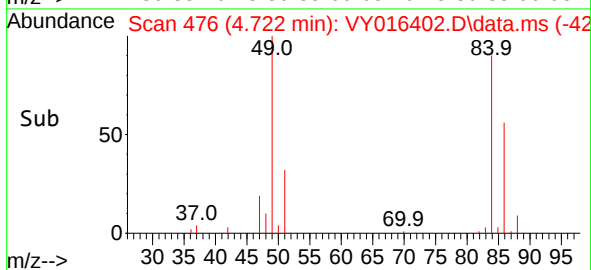
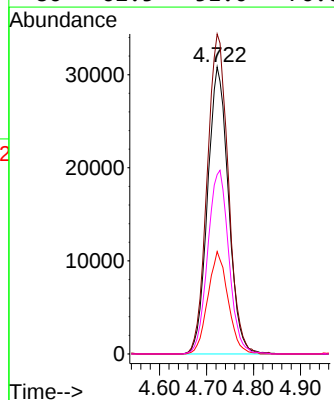
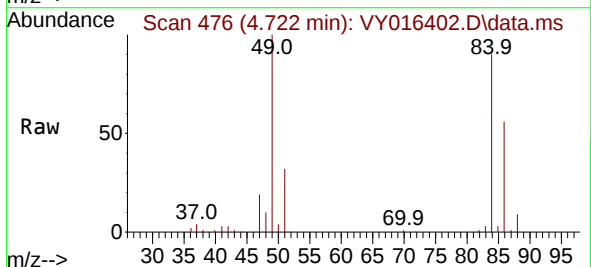
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 203954
Ion Ratio Lower Upper
73 100
57 22.5 17.3 25.9



#20
Methylene Chloride
Concen: 58.750 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY016402.D
Acq: 16 Nov 2023 19:58

Tgt Ion: 84 Resp: 94864
Ion Ratio Lower Upper
84 100
49 111.5 106.9 160.3
51 35.7 33.2 49.8
86 62.5 51.0 76.6

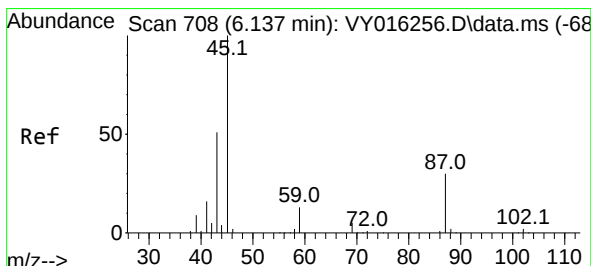
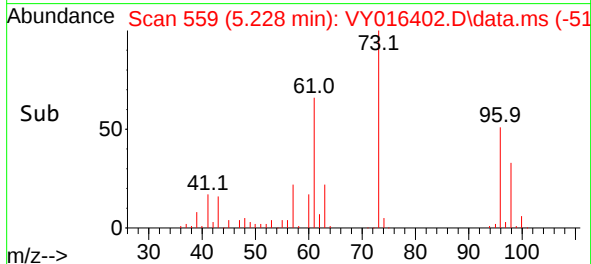
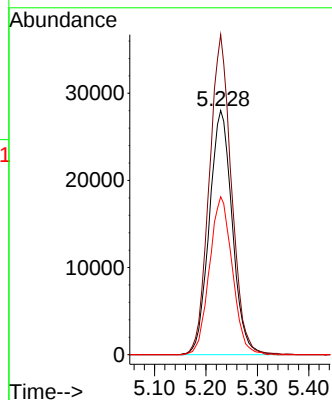
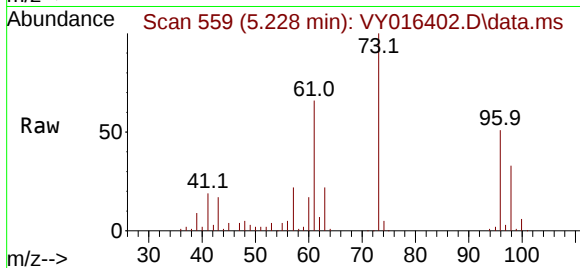




#21
trans-1,2-Dichloroethene
Concen: 48.862 ug/l
RT: 5.228 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016402.D
Acq: 16 Nov 2023 19:58

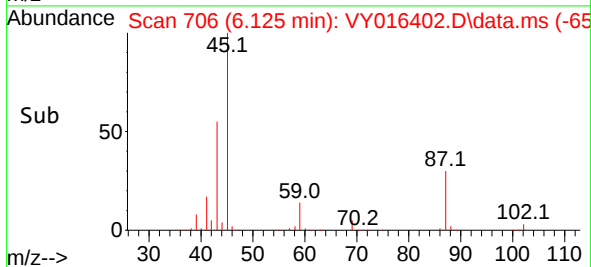
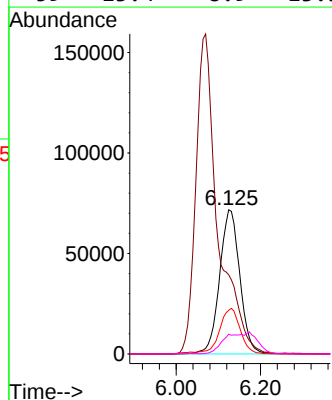
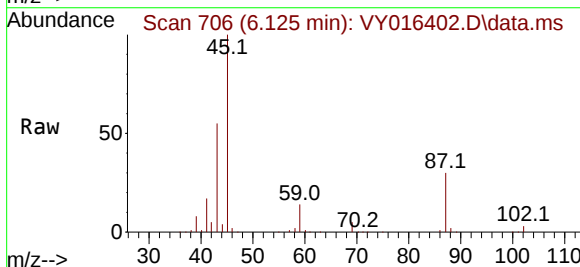
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

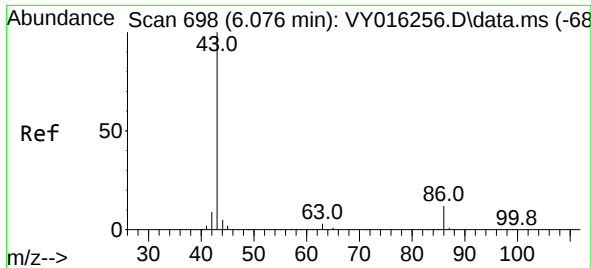
Tgt Ion: 96 Resp: 86854
Ion Ratio Lower Upper
96 100
61 131.1 110.2 165.4
98 64.7 51.8 77.6



#22
Diisopropyl ether
Concen: 50.412 ug/l
RT: 6.125 min Scan# 706
Delta R.T. -0.012 min
Lab File: VY016402.D
Acq: 16 Nov 2023 19:58

Tgt Ion: 45 Resp: 238018
Ion Ratio Lower Upper
45 100
43 54.5 52.2 78.4
87 30.2 21.0 31.6
59 13.4 8.9 13.3#

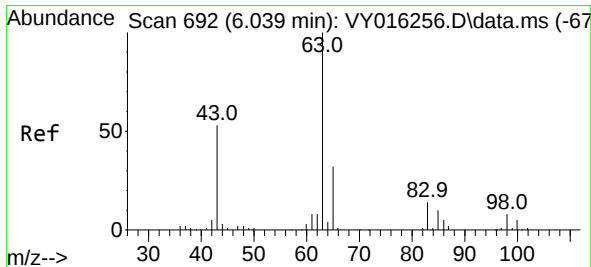
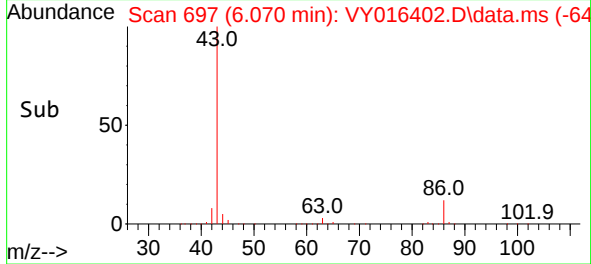
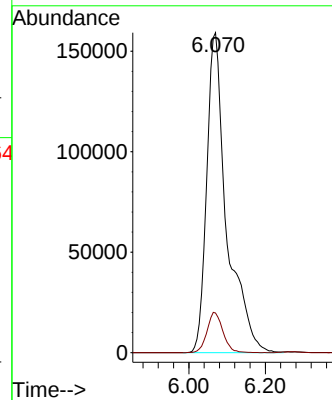
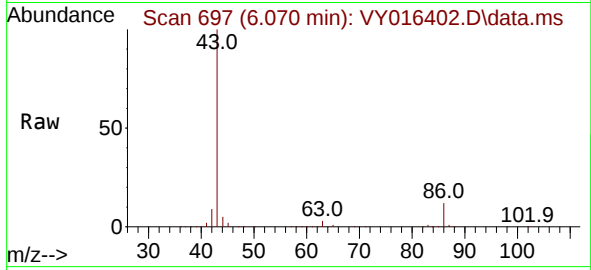




#23
 Vinyl Acetate
 Concen: 252.957 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. -0.006 min
 Lab File: VY016402.D
 Acq: 16 Nov 2023 19:58

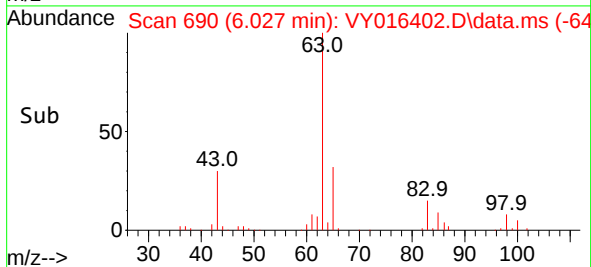
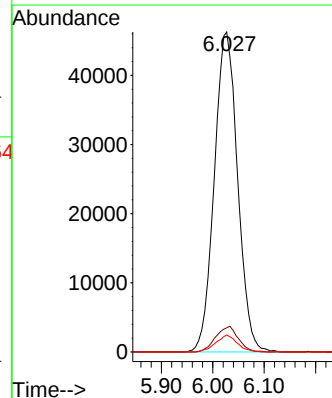
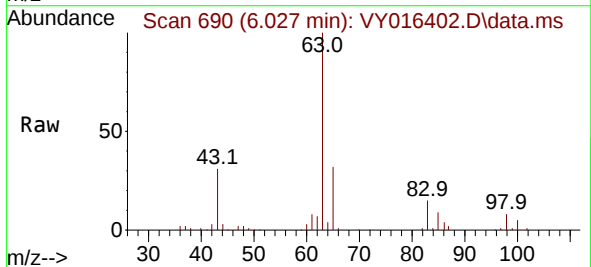
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

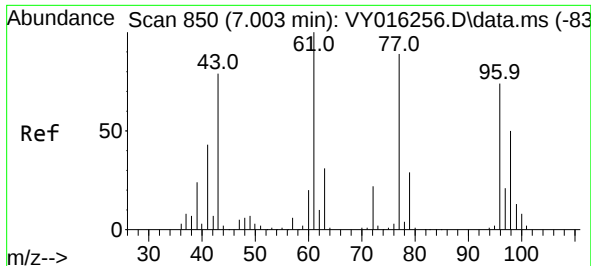
Tgt Ion: 43 Resp: 578707
 Ion Ratio Lower Upper
 43 100
 86 12.4 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 50.073 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. -0.012 min
 Lab File: VY016402.D
 Acq: 16 Nov 2023 19:58

Tgt Ion: 63 Resp: 145851
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.1 9.4
 100 5.3 1.8 5.5

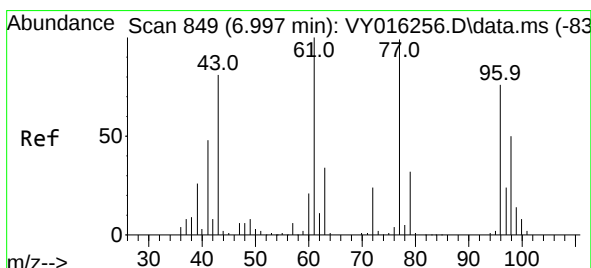
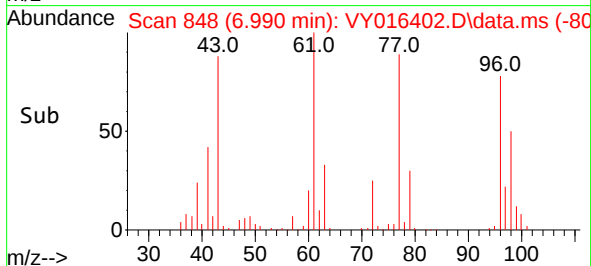
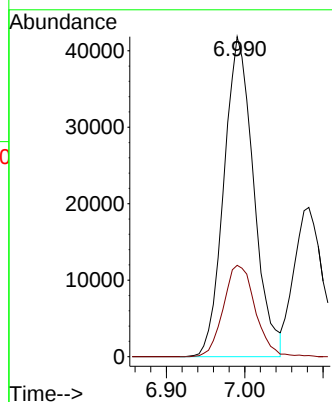
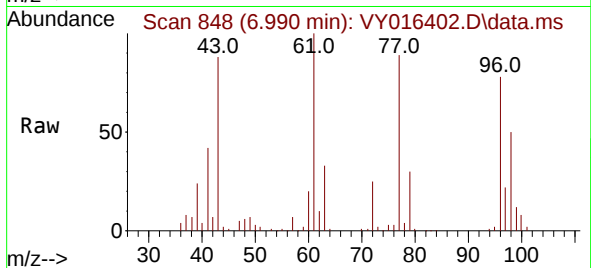




#25
2-Butanone
Concen: 273.305 ug/l
RT: 6.990 min Scan# 847
Delta R.T. -0.012 min
Lab File: VY016402.D
Acq: 16 Nov 2023 19:58

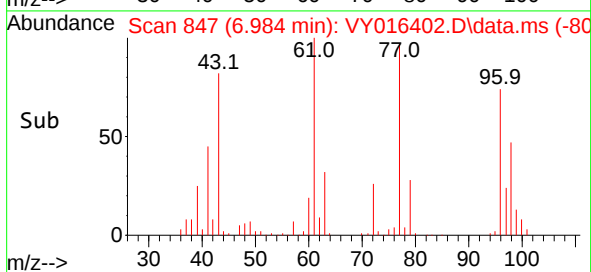
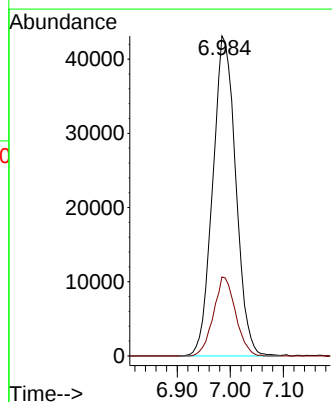
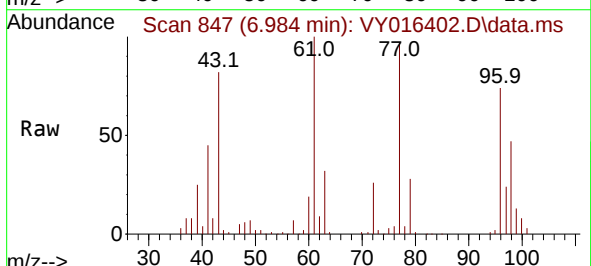
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

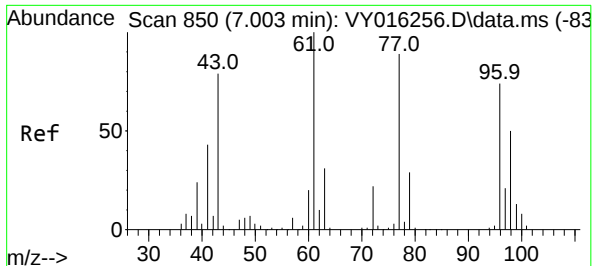
Tgt Ion: 43 Resp: 110565
Ion Ratio Lower Upper
43 100
72 28.5 20.5 30.7



#26
2,2-Dichloropropane
Concen: 49.062 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.012 min
Lab File: VY016402.D
Acq: 16 Nov 2023 19:58

Tgt Ion: 77 Resp: 130064
Ion Ratio Lower Upper
77 100
97 23.7 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 51.999 ug/l

RT: 6.990 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY016402.D

Acq: 16 Nov 2023 19:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

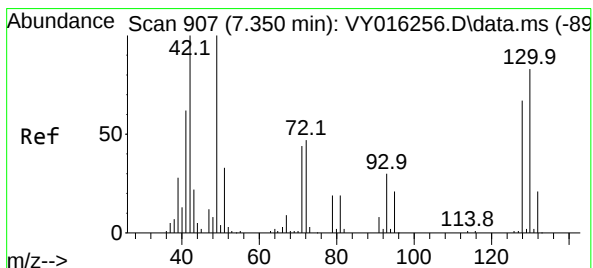
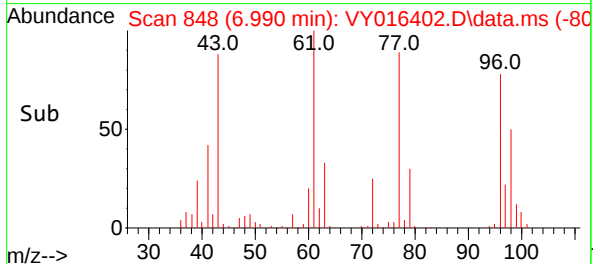
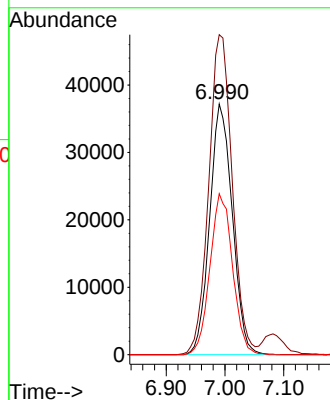
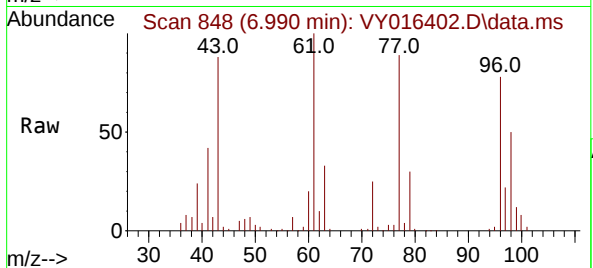
Tgt Ion: 96 Resp: 99611

Ion Ratio Lower Upper

96 100

61 132.1 0.0 301.4

98 64.0 0.0 130.4



#28

Bromochloromethane

Concen: 51.779 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY016402.D

Acq: 16 Nov 2023 19:58

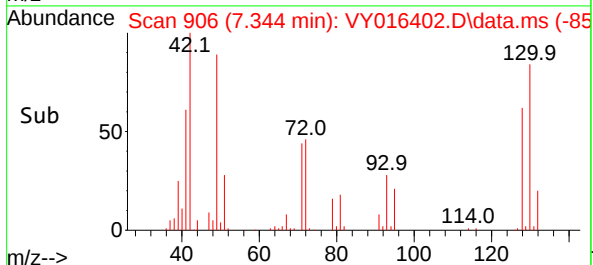
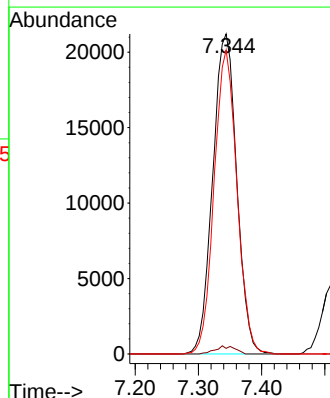
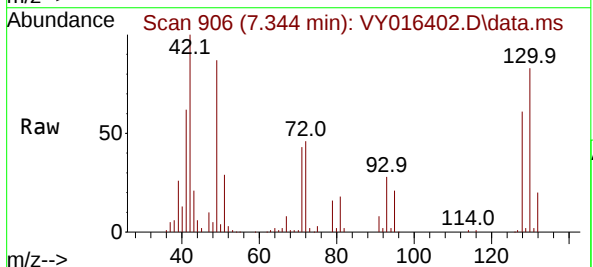
Tgt Ion: 49 Resp: 55819

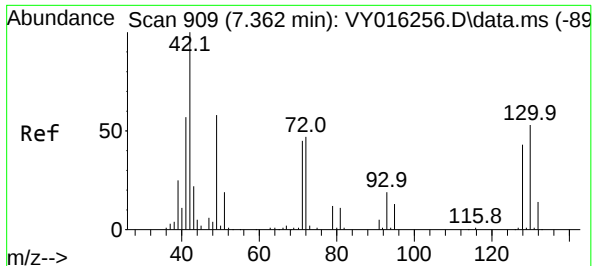
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.6

130 90.3 60.7 91.1





#29

Tetrahydrofuran

Concen: 286.267 ug/l

RT: 7.356 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY016402.D

Acq: 16 Nov 2023 19:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

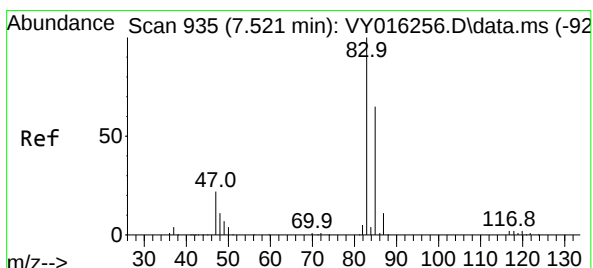
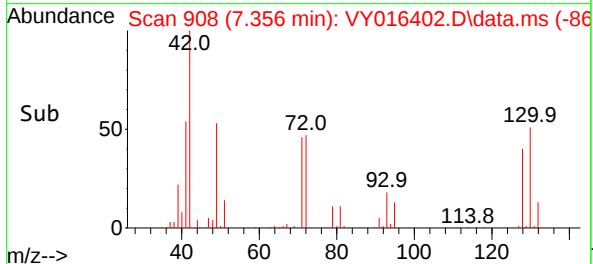
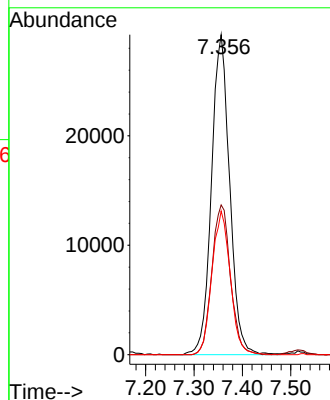
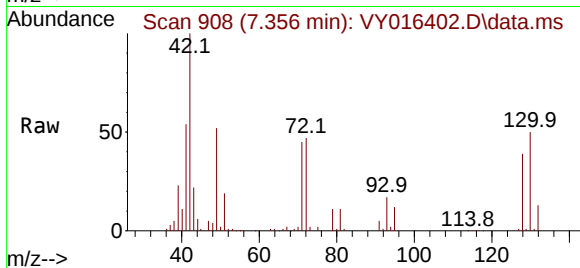
Tgt Ion: 42 Resp: 76546

Ion Ratio Lower Upper

42 100

72 47.8 32.8 49.2

71 45.2 31.0 46.4



#30

Chloroform

Concen: 52.054 ug/l

RT: 7.515 min Scan# 934

Delta R.T. -0.006 min

Lab File: VY016402.D

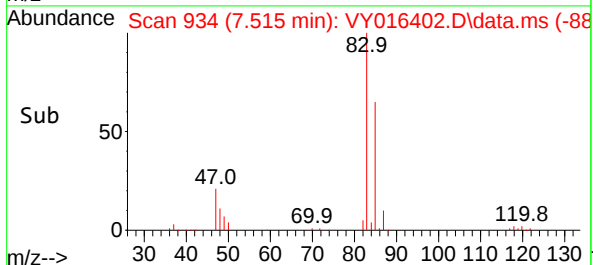
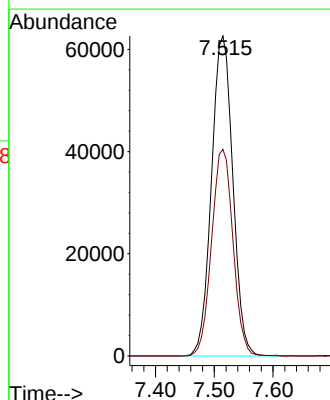
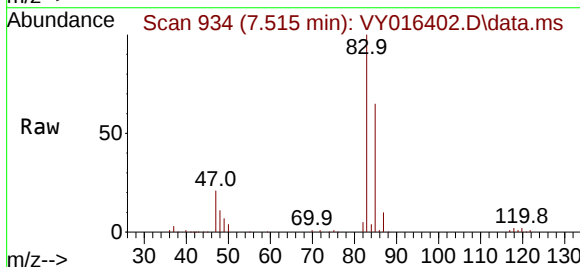
Acq: 16 Nov 2023 19:58

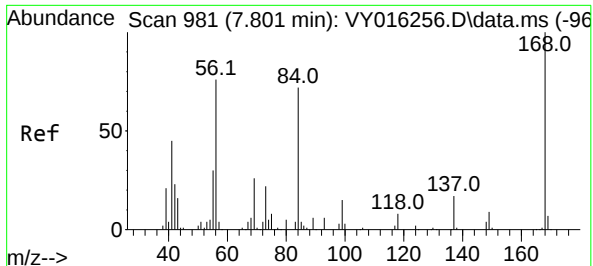
Tgt Ion: 83 Resp: 157822

Ion Ratio Lower Upper

83 100

85 64.5 49.7 74.5

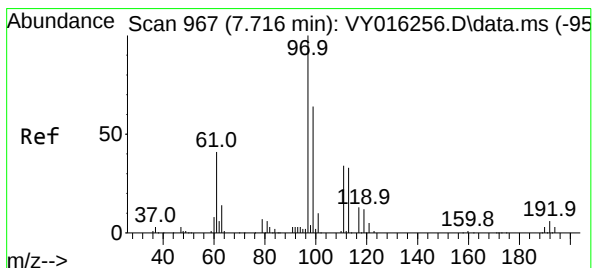
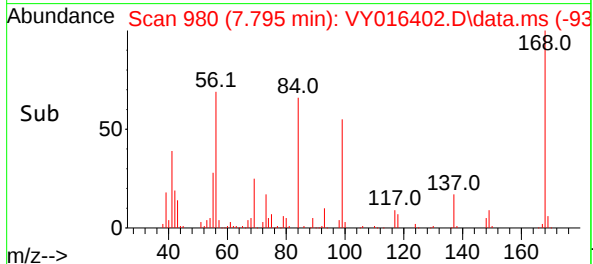
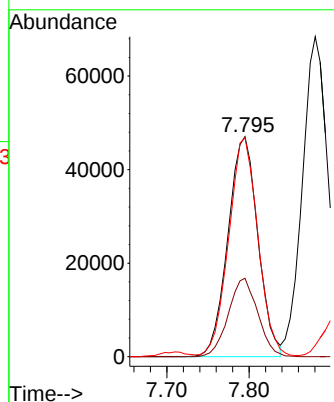
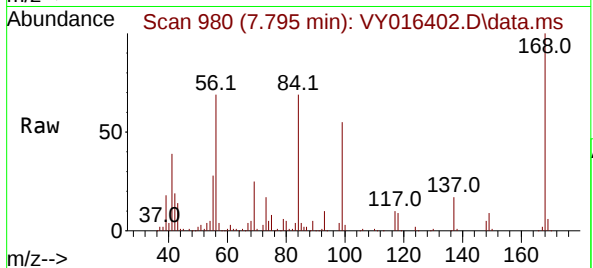




#31
Cyclohexane
Concen: 43.303 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016402.D
Acq: 16 Nov 2023 19:58

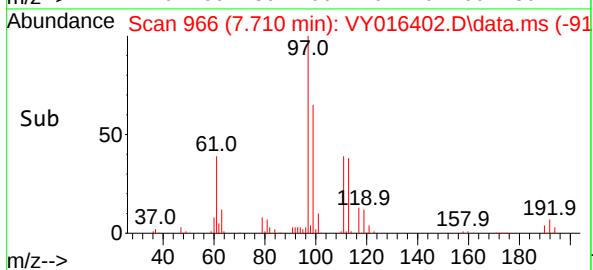
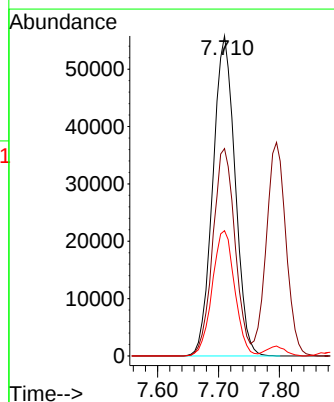
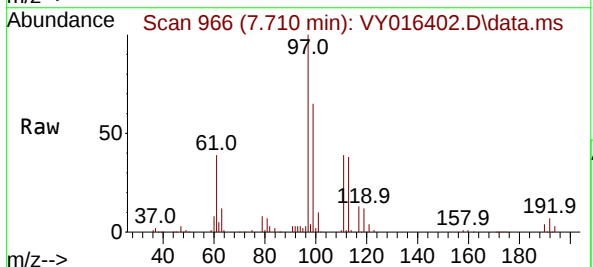
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

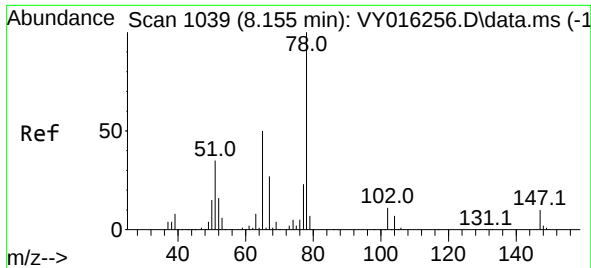
Tgt Ion: 56 Resp: 119044
Ion Ratio Lower Upper
56 100
69 35.7 27.8 41.6
84 97.4 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 50.846 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY016402.D
Acq: 16 Nov 2023 19:58

Tgt Ion: 97 Resp: 141313
Ion Ratio Lower Upper
97 100
99 64.6 50.8 76.2
61 39.6 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 53.286 ug/l

RT: 8.149 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY016402.D

Acq: 16 Nov 2023 19:58

Instrument :

MSVOA_Y

ClientSampleId :

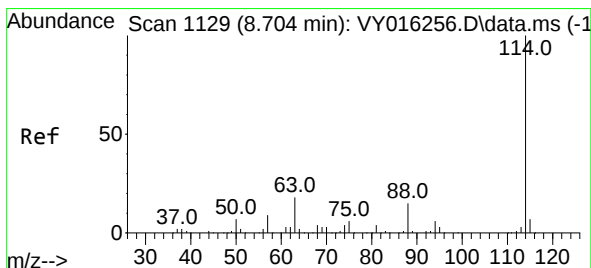
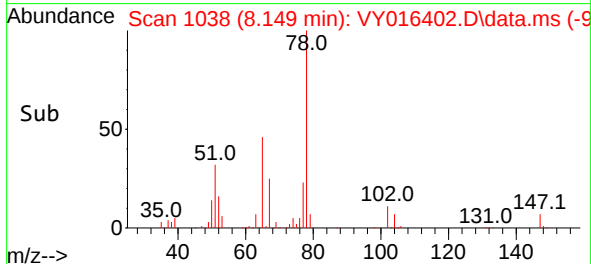
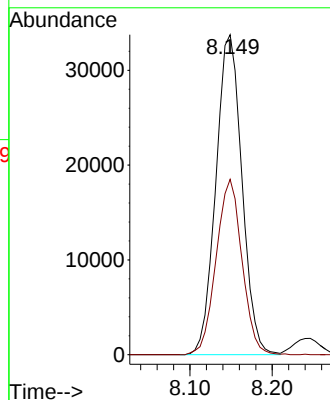
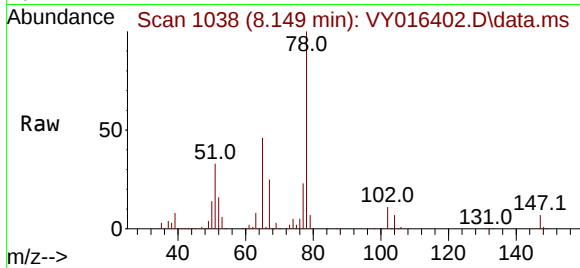
VSTDCCC050EC

Tgt Ion: 65 Resp: 74404

Ion Ratio Lower Upper

65 100

67 54.3 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016402.D

Acq: 16 Nov 2023 19:58

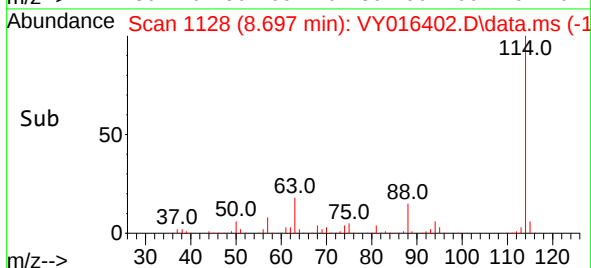
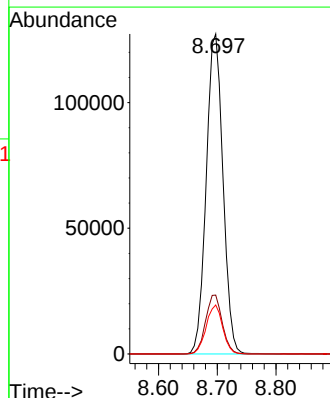
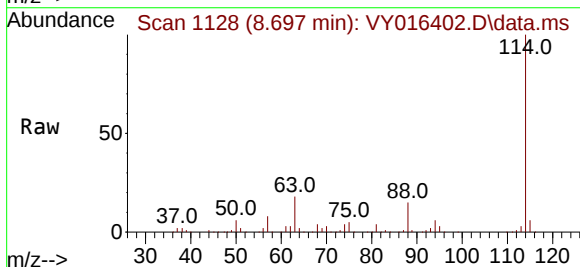
Tgt Ion: 114 Resp: 251952

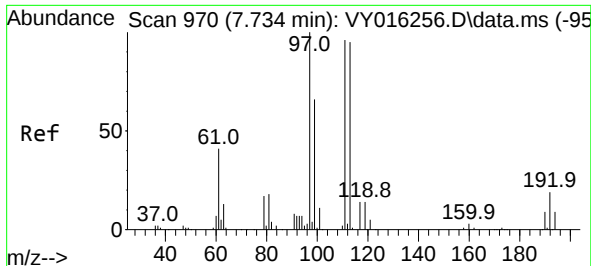
Ion Ratio Lower Upper

114 100

63 18.4 0.0 42.4

88 15.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.787 ug/l

RT: 7.722 min Scan# 9

Delta R.T. -0.012 min

Lab File: VY016402.D

Acq: 16 Nov 2023 19:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

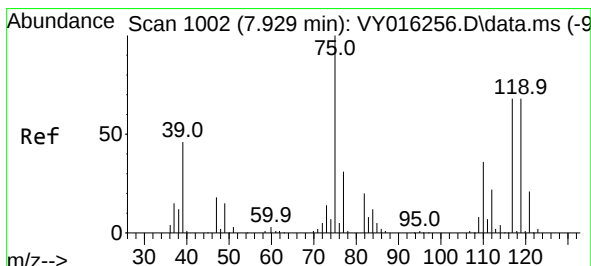
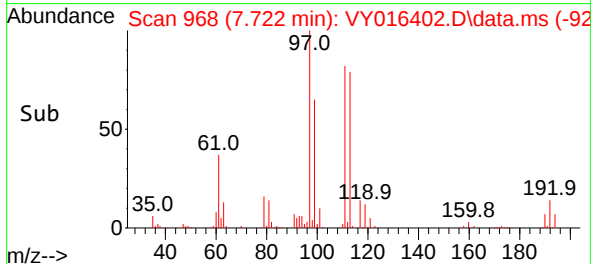
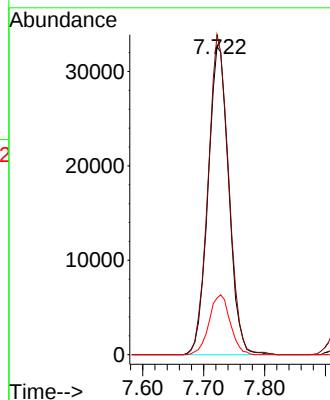
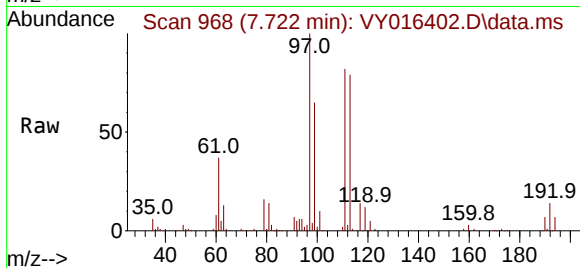
Tgt Ion:113 Resp: 76982

Ion Ratio Lower Upper

113 100

111 103.5 81.3 121.9

192 19.8 16.9 25.3



#36

1,1-Dichloropropene

Concen: 47.205 ug/l

RT: 7.923 min Scan# 1001

Delta R.T. -0.006 min

Lab File: VY016402.D

Acq: 16 Nov 2023 19:58

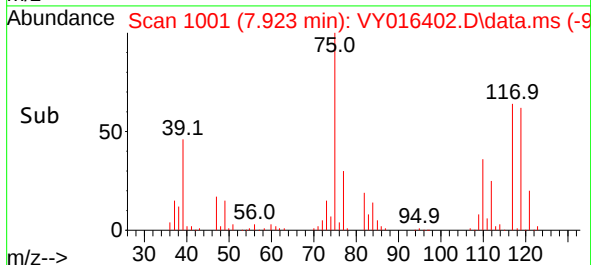
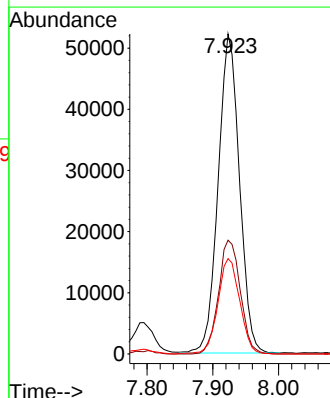
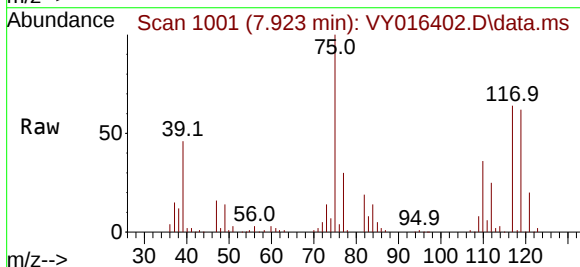
Tgt Ion: 75 Resp: 117314

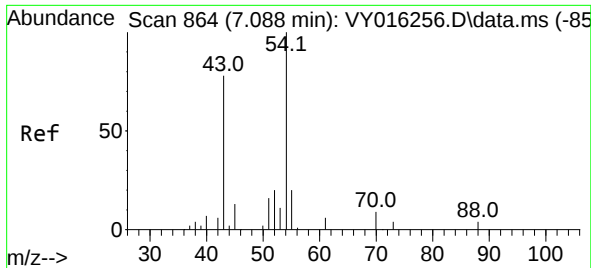
Ion Ratio Lower Upper

75 100

110 36.6 17.8 53.5

77 30.8 24.4 36.6

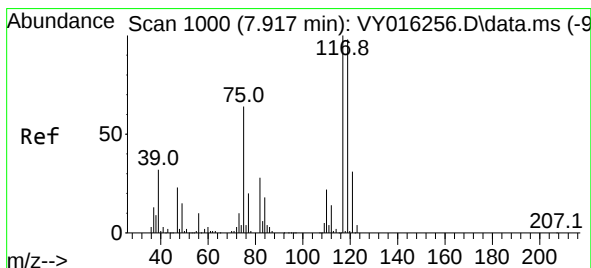
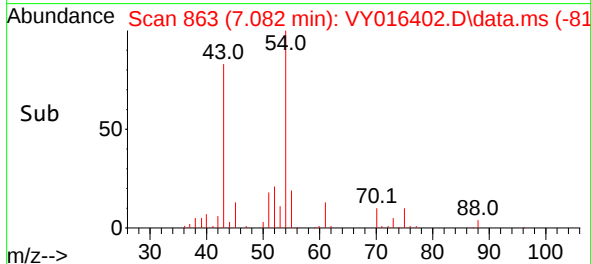
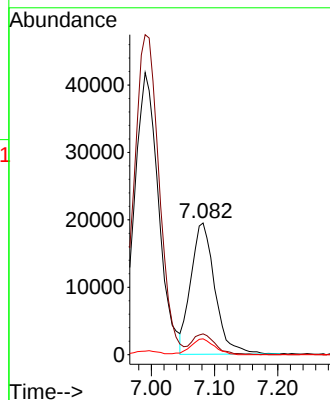
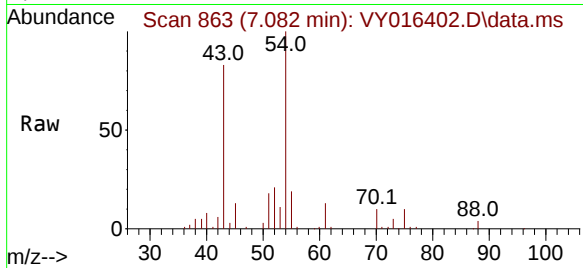




#37
Ethyl Acetate
Concen: 50.974 ug/l
RT: 7.082 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY016402.D
Acq: 16 Nov 2023 19:58

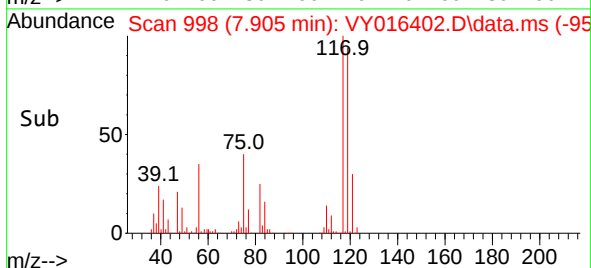
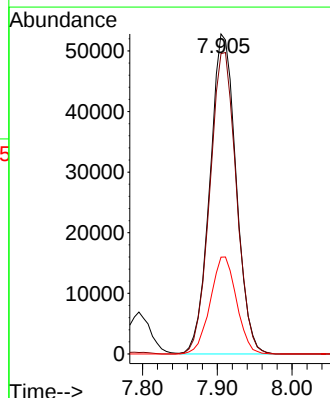
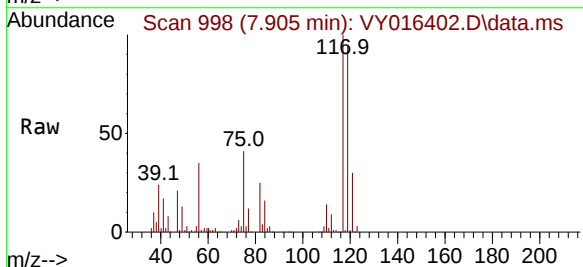
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

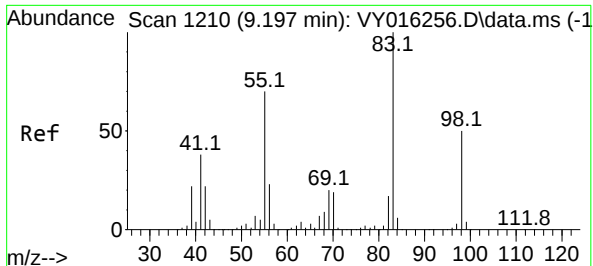
Tgt Ion: 43 Resp: 51186
Ion Ratio Lower Upper
43 100
61 15.7 10.1 15.1#
70 11.9 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 49.910 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.012 min
Lab File: VY016402.D
Acq: 16 Nov 2023 19:58

Tgt Ion: 117 Resp: 128733
Ion Ratio Lower Upper
117 100
119 93.8 76.4 114.6
121 30.3 25.8 38.6





#39

Methylcyclohexane

Concen: 45.023 ug/l

RT: 9.191 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016402.D

Acq: 16 Nov 2023 19:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

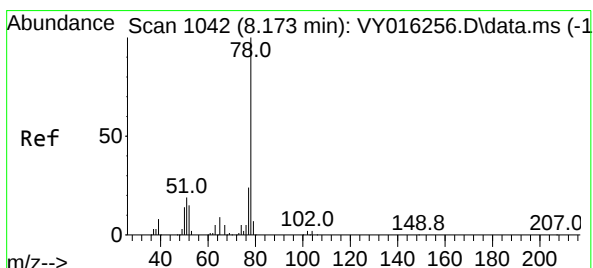
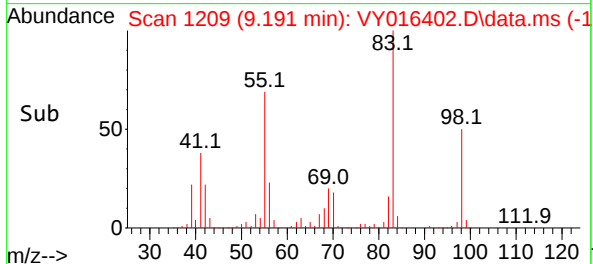
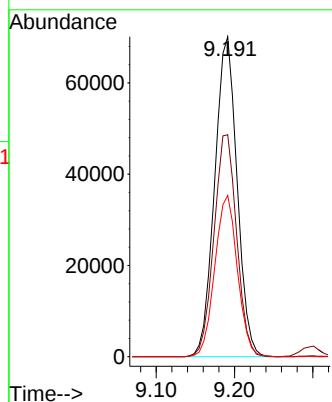
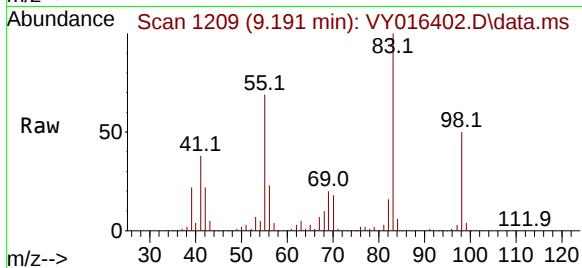
Tgt Ion: 83 Resp: 139424

Ion Ratio Lower Upper

83 100

55 69.4 63.0 94.4

98 50.4 37.4 56.2



#40

Benzene

Concen: 49.231 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VY016402.D

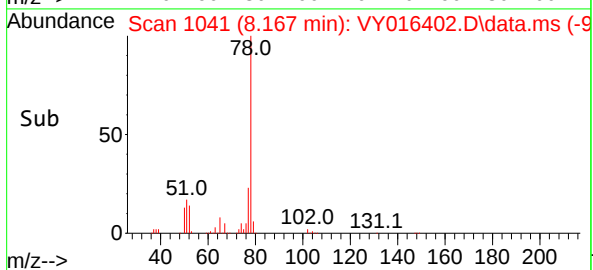
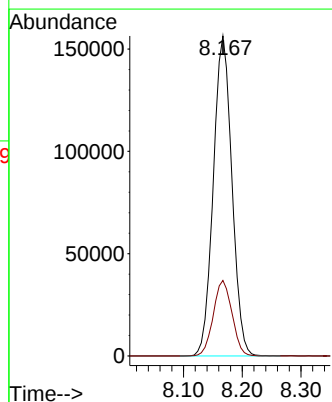
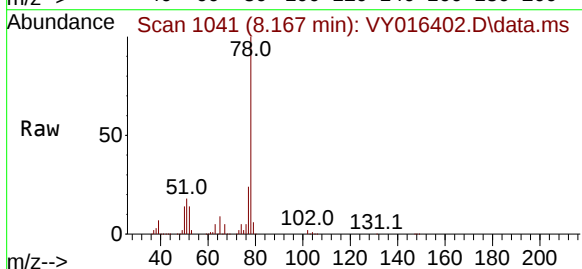
Acq: 16 Nov 2023 19:58

Tgt Ion: 78 Resp: 343748

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.6

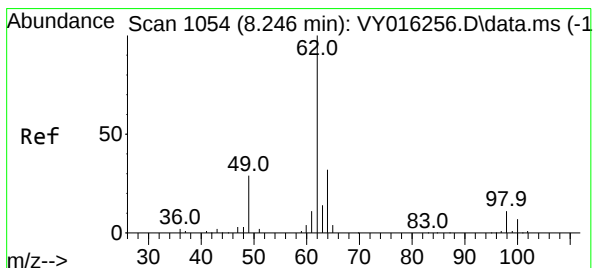
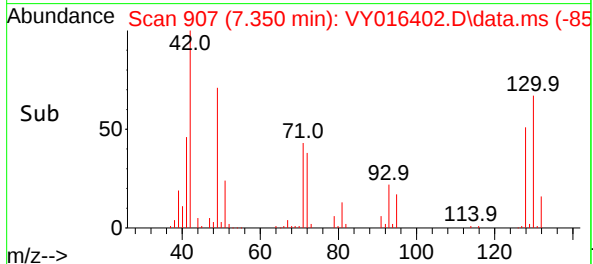
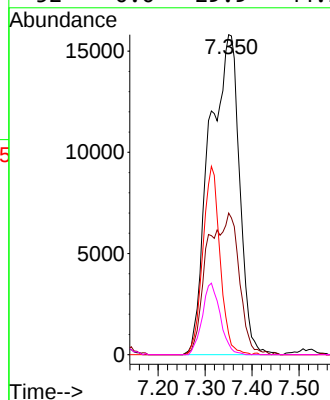
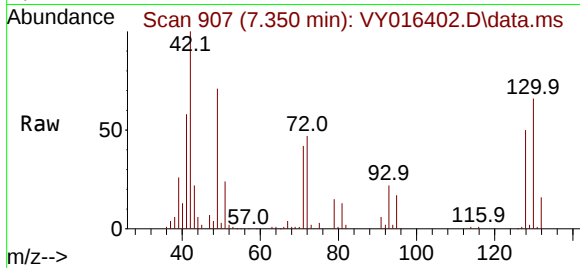




#41
Methacrylonitrile
Concen: 138.500 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.024 min
Lab File: VY016402.D
Acq: 16 Nov 2023 19:58

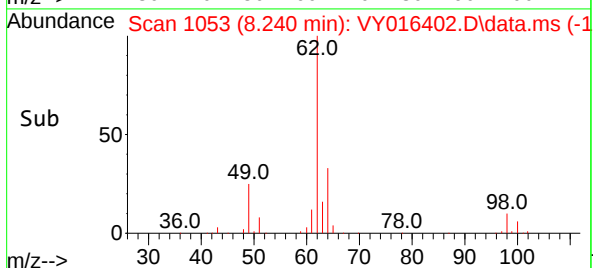
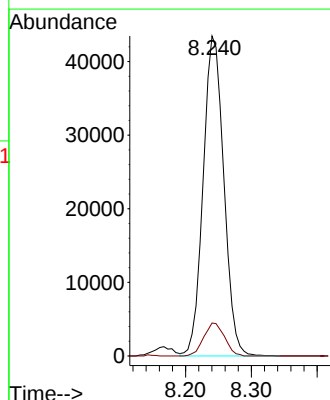
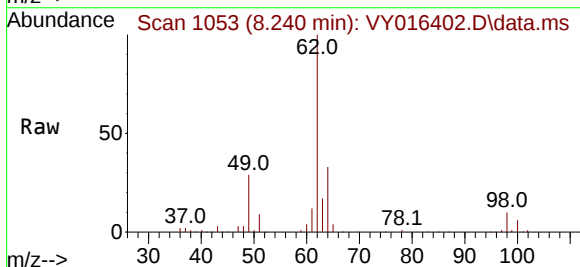
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

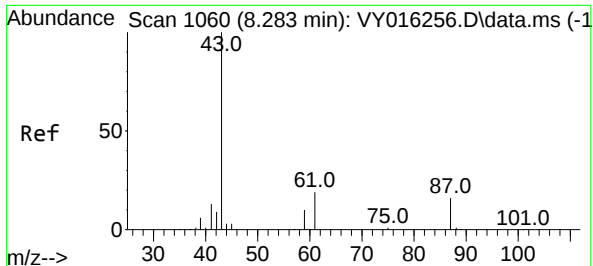
Tgt Ion: 41 Resp: 70124
Ion Ratio Lower Upper
41 100
39 47.1 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 52.664 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VY016402.D
Acq: 16 Nov 2023 19:58

Tgt Ion: 62 Resp: 95277
Ion Ratio Lower Upper
62 100
98 10.3 0.0 15.8





#43

Isopropyl Acetate

Concen: 51.465 ug/l

RT: 8.277 min Scan# 1109

Delta R.T. -0.006 min

Lab File: VY016402.D

Acq: 16 Nov 2023 19:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

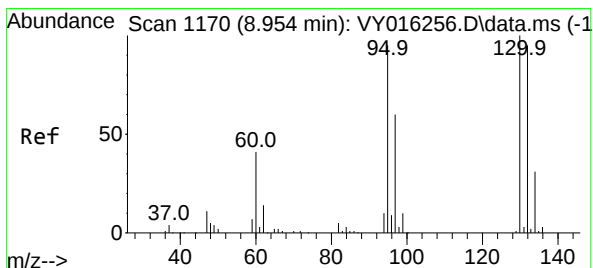
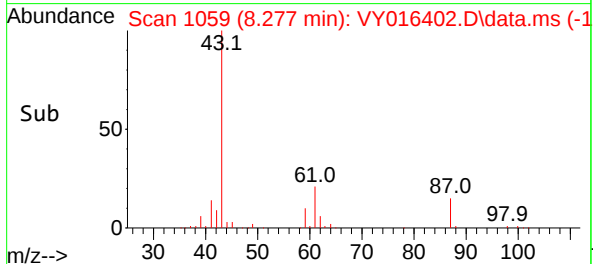
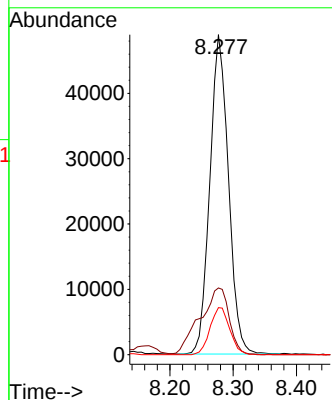
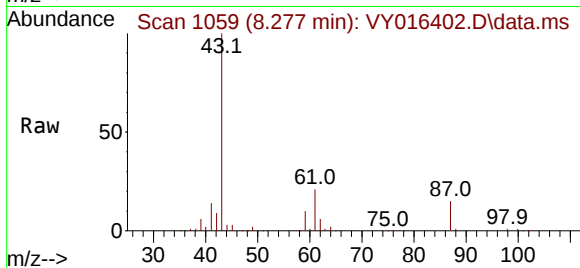
Tgt Ion: 43 Resp: 99894

Ion Ratio Lower Upper

43 100

61 32.6 21.1 31.7#

87 15.6 9.8 14.8#



#44

Trichloroethene

Concen: 50.140 ug/l

RT: 8.947 min Scan# 1169

Delta R.T. -0.006 min

Lab File: VY016402.D

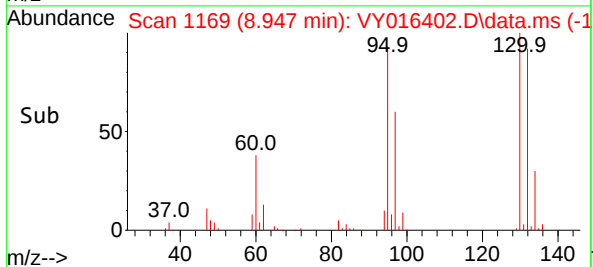
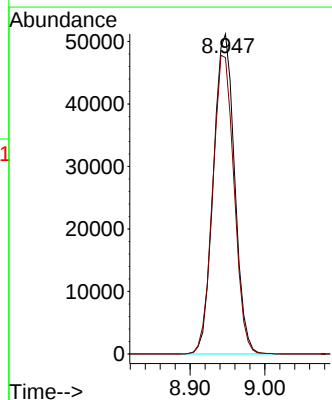
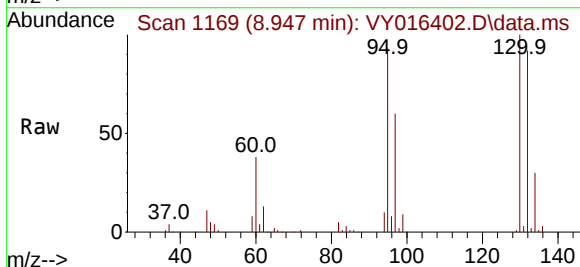
Acq: 16 Nov 2023 19:58

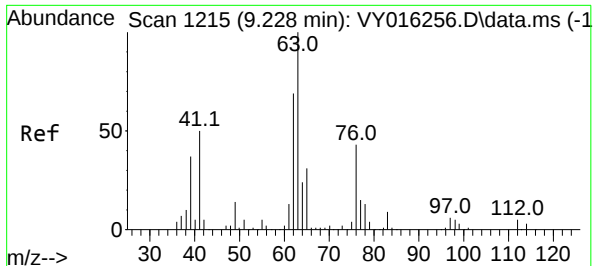
Tgt Ion:130 Resp: 100616

Ion Ratio Lower Upper

130 100

95 92.6 0.0 196.0





#45

1,2-Dichloropropane

Concen: 50.059 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VY016402.D

Acq: 16 Nov 2023 19:58

Instrument :

MSVOA_Y

ClientSampleId :

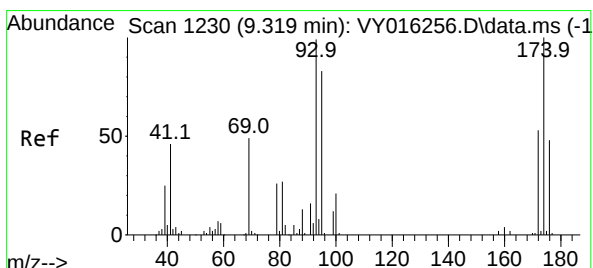
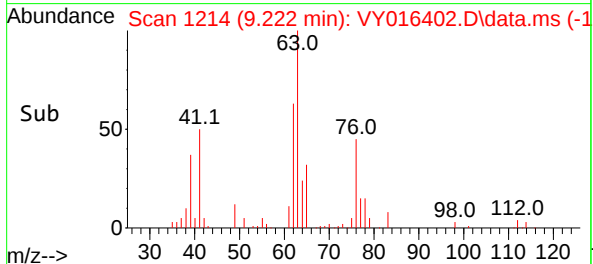
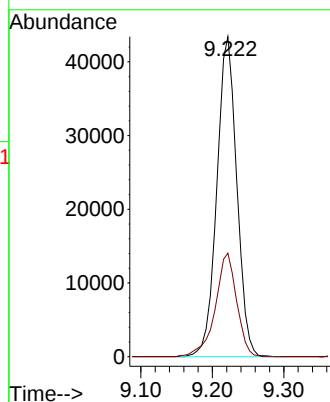
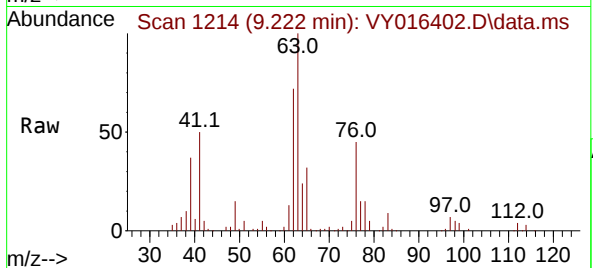
VSTDCCC050EC

Tgt Ion: 63 Resp: 83942

Ion Ratio Lower Upper

63 100

65 32.4 23.8 35.6



#46

Dibromomethane

Concen: 53.501 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.012 min

Lab File: VY016402.D

Acq: 16 Nov 2023 19:58

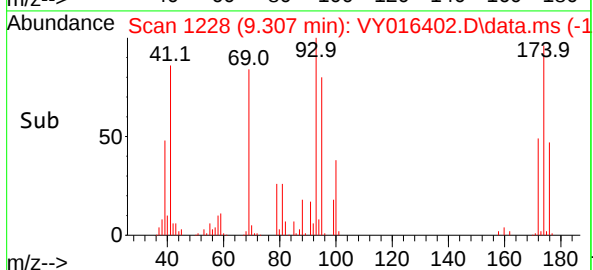
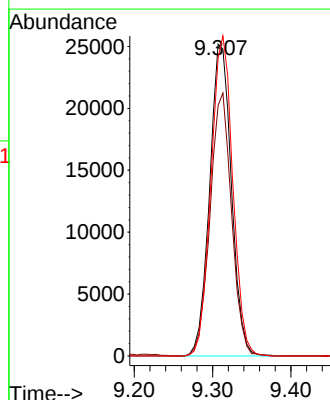
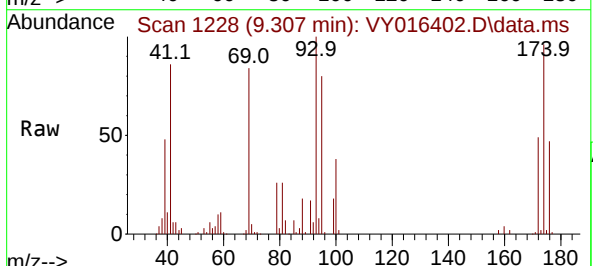
Tgt Ion: 93 Resp: 48616

Ion Ratio Lower Upper

93 100

95 83.2 66.6 100.0

174 102.6 84.8 127.2

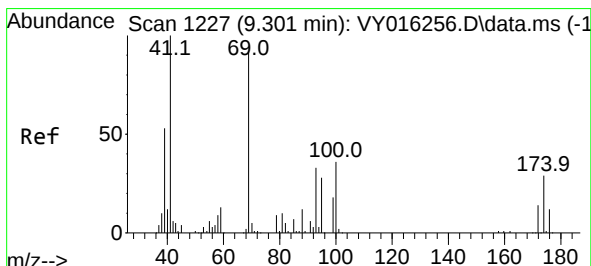
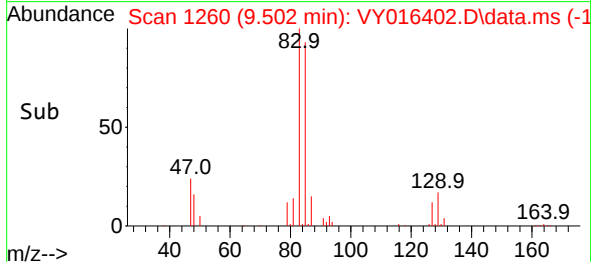
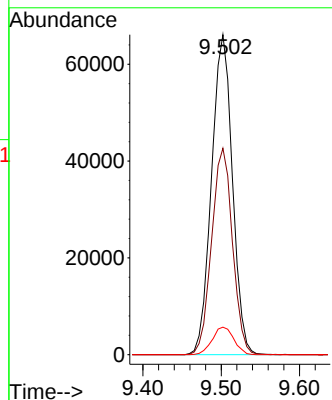
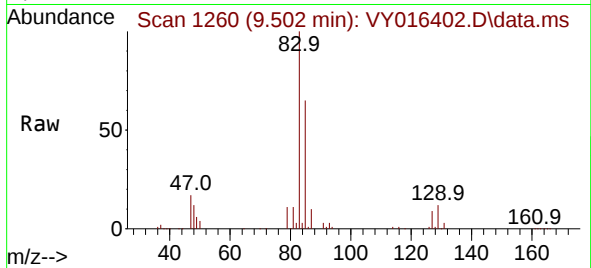




#47
Bromodichloromethane
Concen: 52.352 ug/l
RT: 9.502 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016402.D
Acq: 16 Nov 2023 19:58

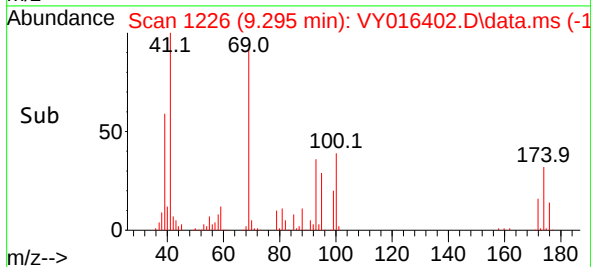
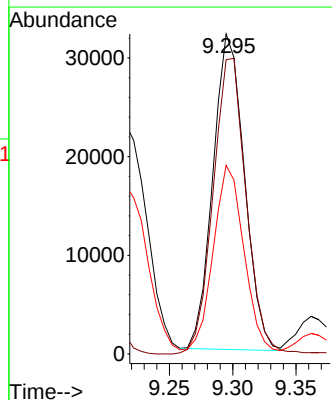
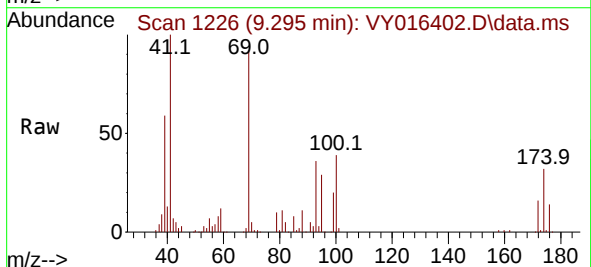
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

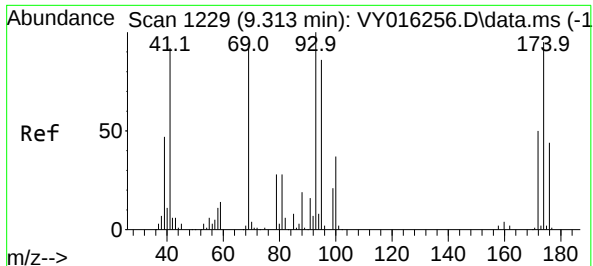
Tgt Ion: 83 Resp: 122304
Ion Ratio Lower Upper
83 100
85 64.5 50.1 75.1
127 8.6 7.1 10.7



#48
Methyl methacrylate
Concen: 51.474 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.006 min
Lab File: VY016402.D
Acq: 16 Nov 2023 19:58

Tgt Ion: 41 Resp: 55218
Ion Ratio Lower Upper
41 100
69 98.9 64.5 96.7#
39 57.0 50.8 76.2





#49

1,4-Dioxane

Concen: 1112.656 ug/l

RT: 9.307 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016402.D

Acq: 16 Nov 2023 19:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

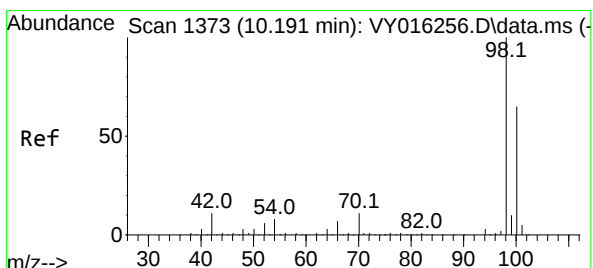
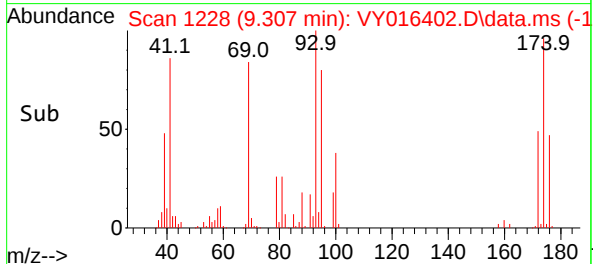
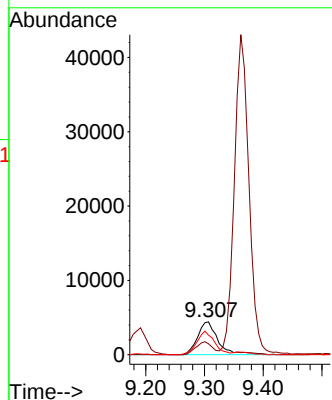
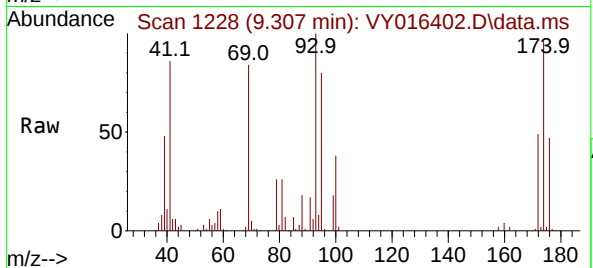
Tgt Ion: 88 Resp: 10734

Ion Ratio Lower Upper

88 100

43 32.2 0.0 0.0#

58 61.3 30.9 46.3#



#50

Toluene-d8

Concen: 50.462 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.006 min

Lab File: VY016402.D

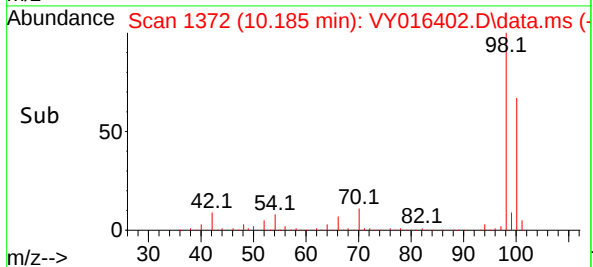
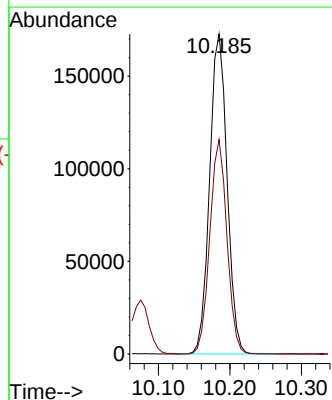
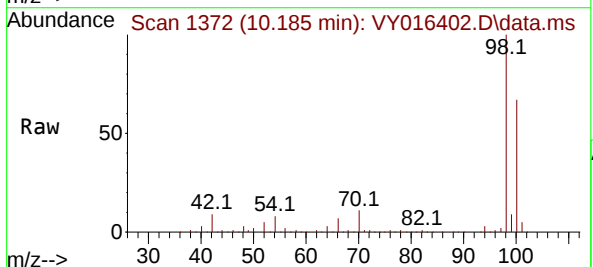
Acq: 16 Nov 2023 19:58

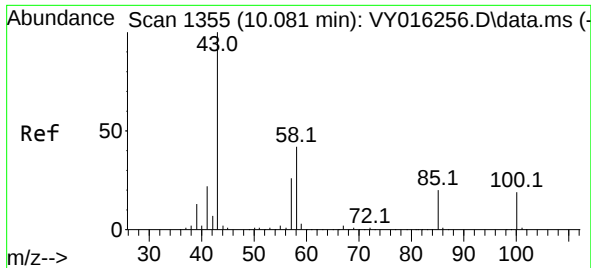
Tgt Ion: 98 Resp: 292883

Ion Ratio Lower Upper

98 100

100 65.8 50.1 75.1

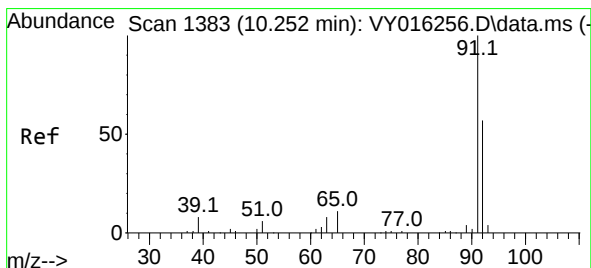
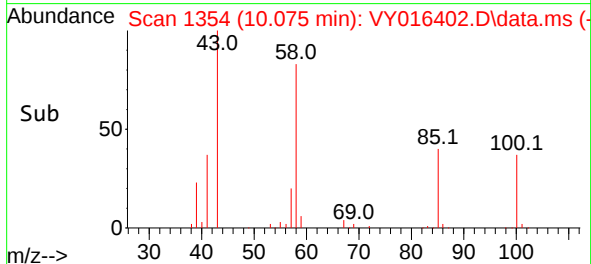
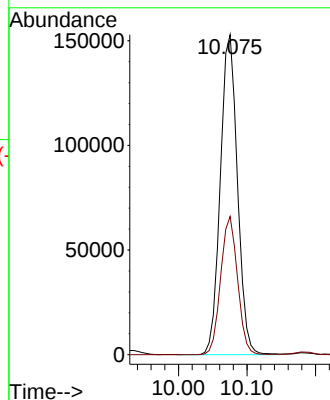
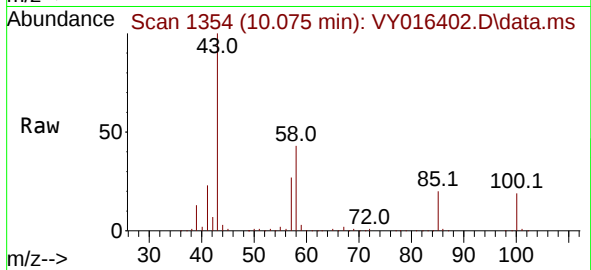




#51
4-Methyl-2-Pentanone
Concen: 269.530 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.006 min
Lab File: VY016402.D
Acq: 16 Nov 2023 19:58

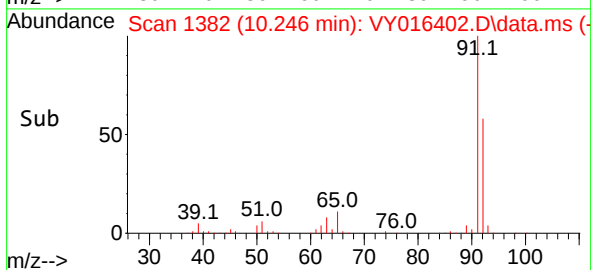
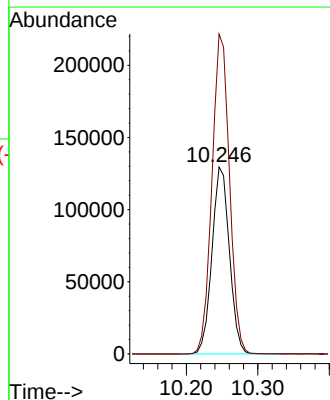
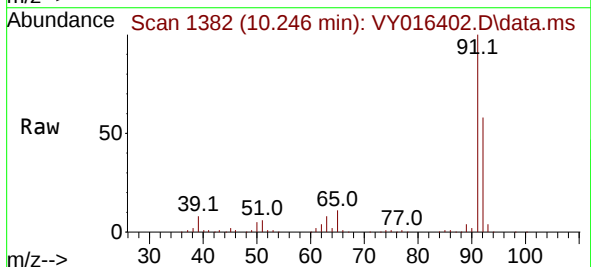
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 264551
Ion Ratio Lower Upper
43 100
58 42.5 29.0 43.6



#52
Toluene
Concen: 49.616 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.006 min
Lab File: VY016402.D
Acq: 16 Nov 2023 19:58

Tgt Ion: 92 Resp: 218991
Ion Ratio Lower Upper
92 100
91 172.1 143.8 215.6

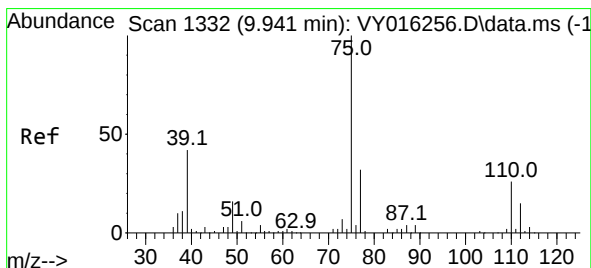
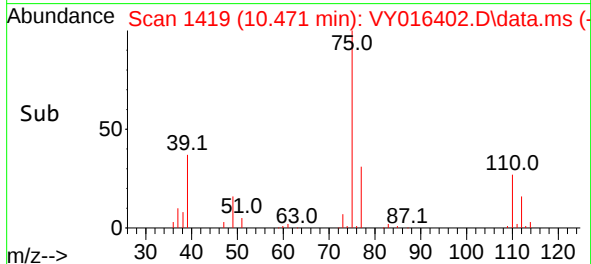
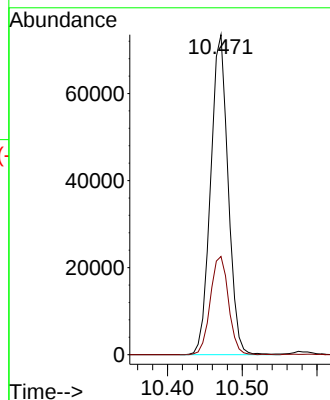
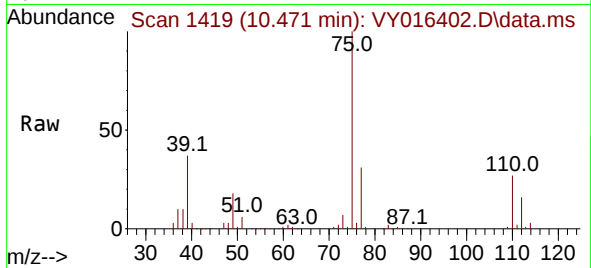




#53
 t-1,3-Dichloropropene
 Concen: 52.707 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. -0.006 min
 Lab File: VY016402.D
 Acq: 16 Nov 2023 19:58

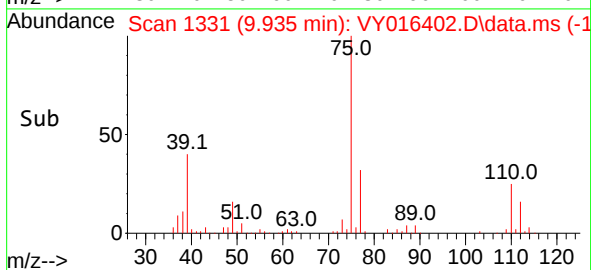
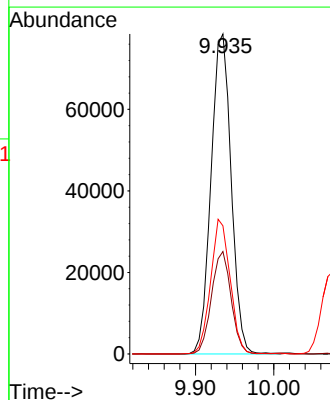
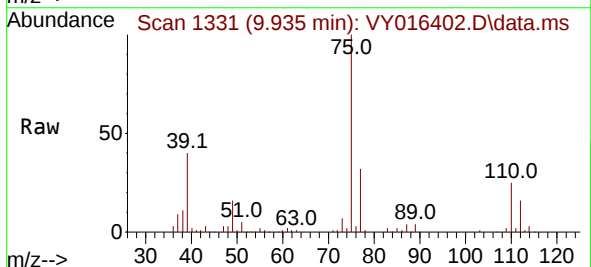
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

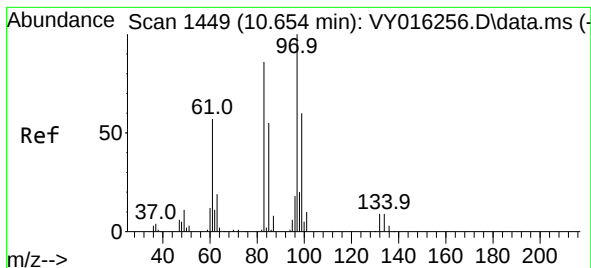
Tgt Ion: 75 Resp: 119367
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 51.795 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. -0.006 min
 Lab File: VY016402.D
 Acq: 16 Nov 2023 19:58

Tgt Ion: 75 Resp: 140103
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.2 36.4
 39 40.0 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 54.259 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. -0.006 min

Lab File: VY016402.D

Acq: 16 Nov 2023 19:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 67957

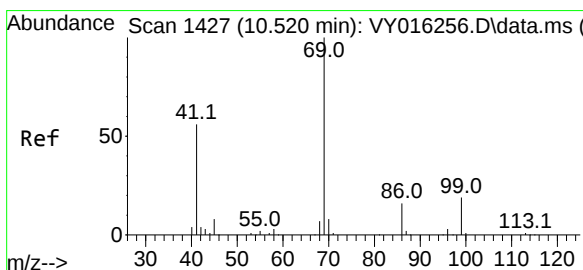
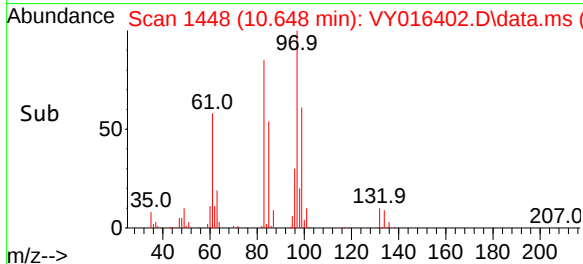
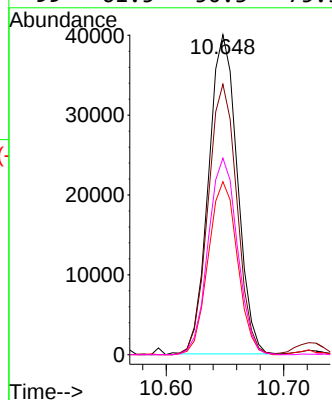
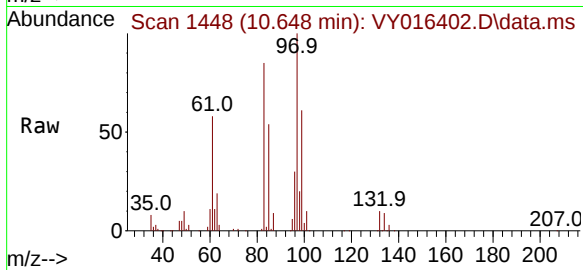
Ion Ratio Lower Upper

97 100

83 84.2 72.0 108.0

85 54.2 45.4 68.0

99 61.5 50.3 75.5



#56

Ethyl methacrylate

Concen: 55.273 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. -0.006 min

Lab File: VY016402.D

Acq: 16 Nov 2023 19:58

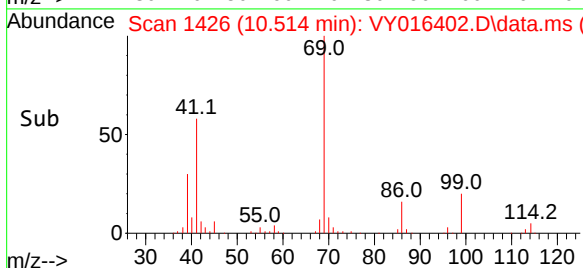
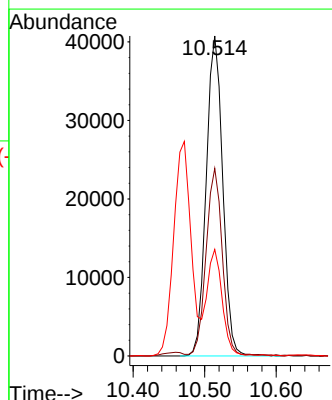
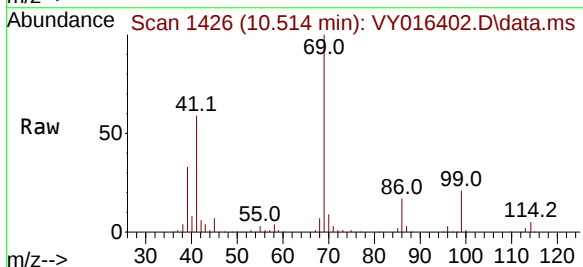
Tgt Ion: 69 Resp: 65349

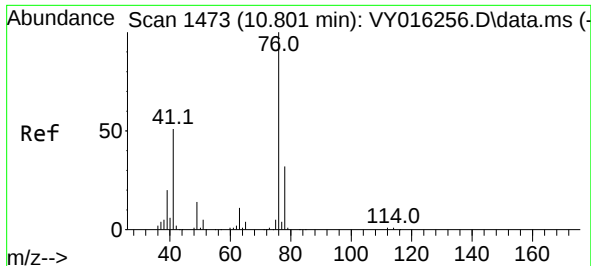
Ion Ratio Lower Upper

69 100

41 58.0 57.6 86.4

39 29.5 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 53.672 ug/l

RT: 10.795 min Scan# 1473

Delta R.T. -0.006 min

Lab File: VY016402.D

Acq: 16 Nov 2023 19:58

Instrument :

MSVOA_Y

ClientSampleId :

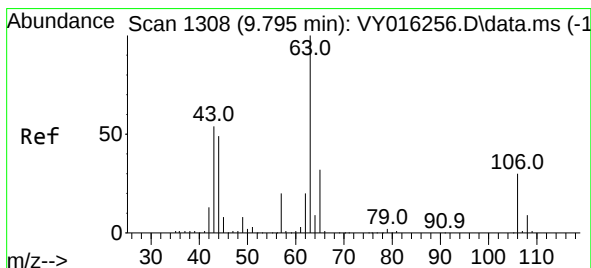
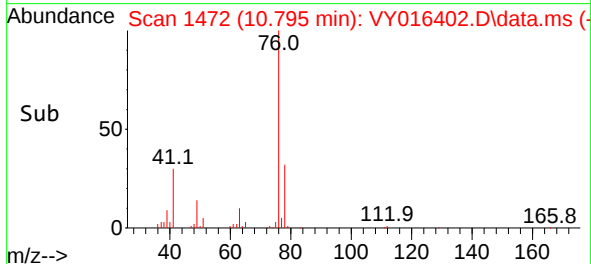
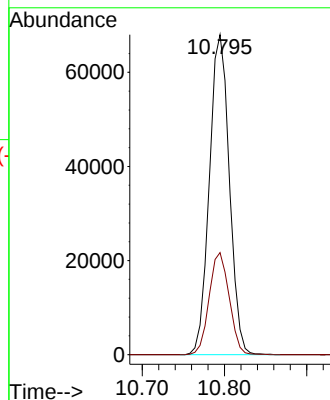
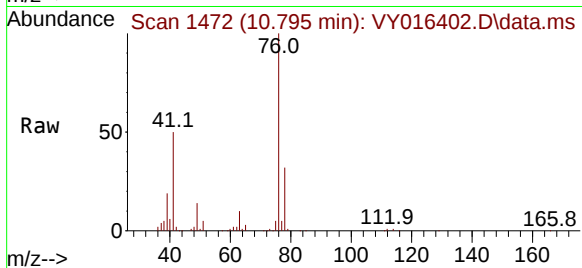
VSTDCCC050EC

Tgt Ion: 76 Resp: 114585

Ion Ratio Lower Upper

76 100

78 32.0 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 280.230 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. -0.006 min

Lab File: VY016402.D

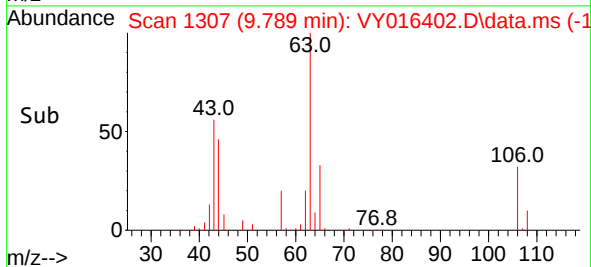
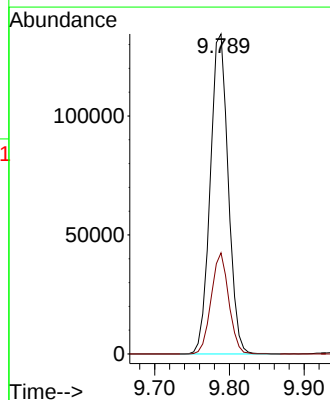
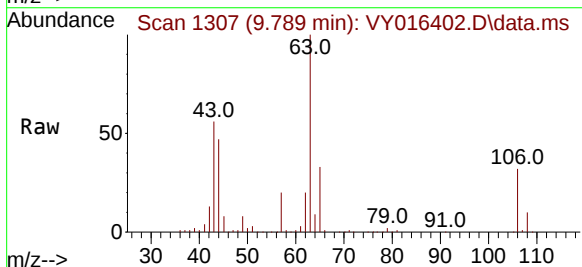
Acq: 16 Nov 2023 19:58

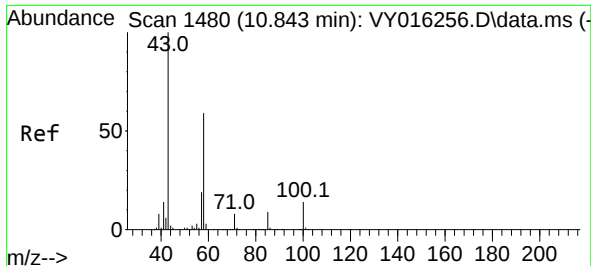
Tgt Ion: 63 Resp: 224653

Ion Ratio Lower Upper

63 100

106 30.9 21.2 31.8





#59

2-Hexanone

Concen: 252.158 ug/l

RT: 10.837 min Scan# 14

Delta R.T. -0.006 min

Lab File: VY016402.D

Acq: 16 Nov 2023 19:58

Instrument :

MSVOA_Y

ClientSampleId :

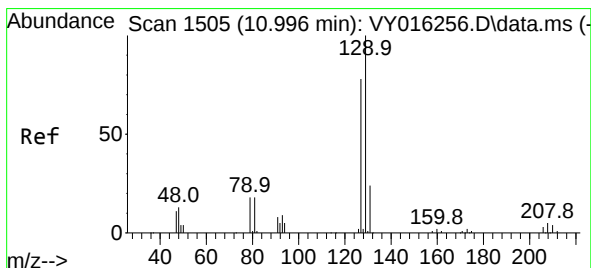
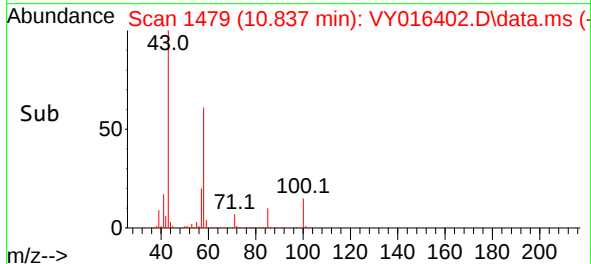
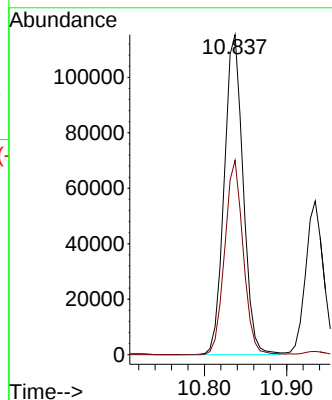
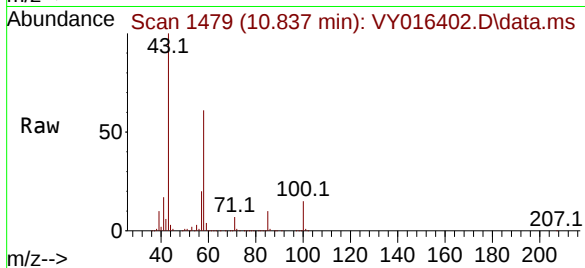
VSTDCCC050EC

Tgt Ion: 43 Resp: 184096

Ion Ratio Lower Upper

43 100

58 59.4 25.1 75.3



#60

Dibromochloromethane

Concen: 55.258 ug/l

RT: 10.990 min Scan# 1504

Delta R.T. -0.006 min

Lab File: VY016402.D

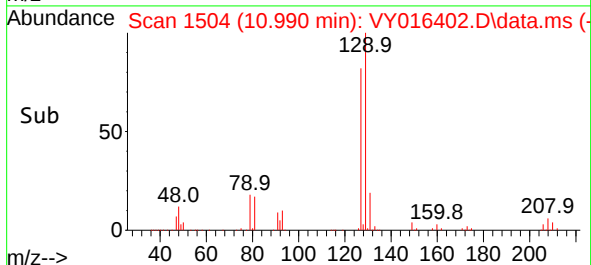
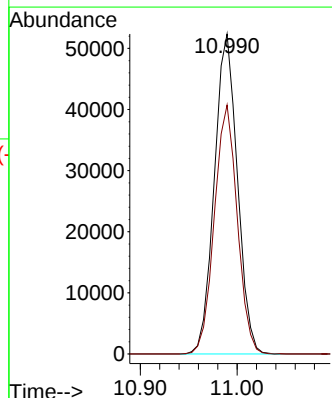
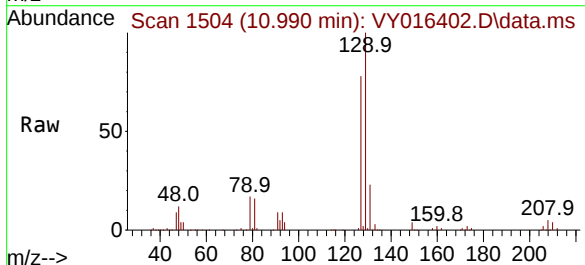
Acq: 16 Nov 2023 19:58

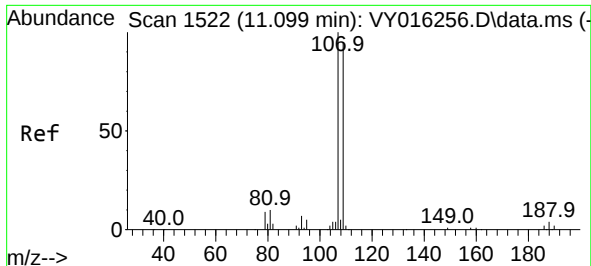
Tgt Ion: 129 Resp: 86556

Ion Ratio Lower Upper

129 100

127 77.3 38.5 115.5

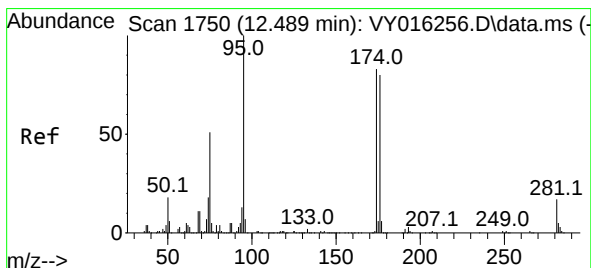
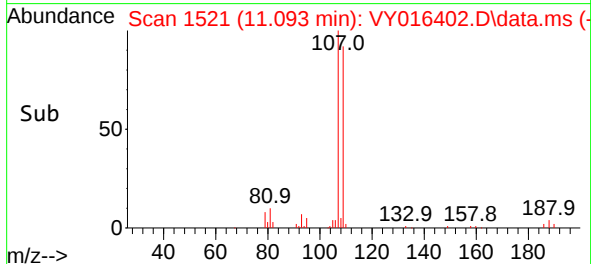
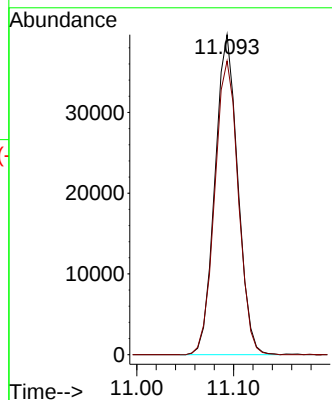
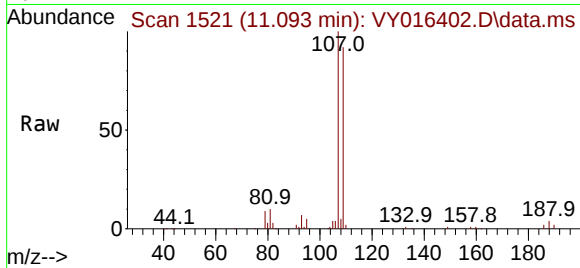




#61
1,2-Dibromoethane
Concen: 54.403 ug/l
RT: 11.093 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016402.D
Acq: 16 Nov 2023 19:58

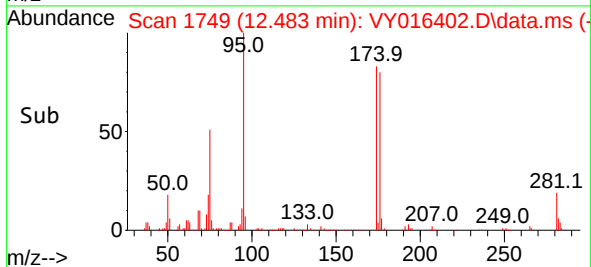
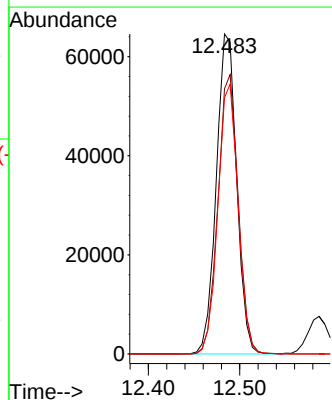
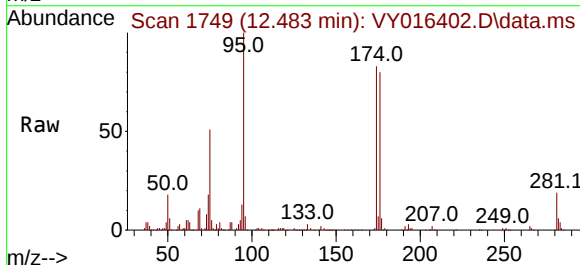
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 64915
Ion Ratio Lower Upper
107 100
109 94.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 52.941 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY016402.D
Acq: 16 Nov 2023 19:58

Tgt Ion: 95 Resp: 99796
Ion Ratio Lower Upper
95 100
174 87.2 0.0 178.2
176 83.9 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: VY016402.D

Acq: 16 Nov 2023 19:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

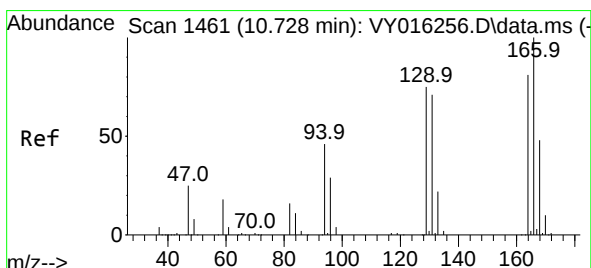
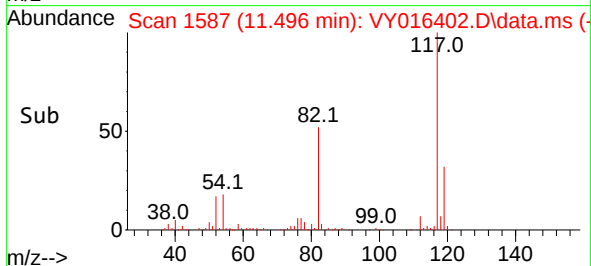
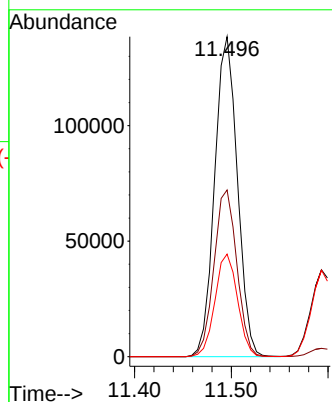
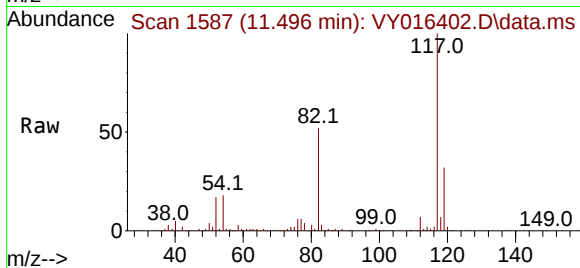
Tgt Ion:117 Resp: 225841

Ion Ratio Lower Upper

117 100

82 52.1 43.4 65.0

119 32.1 26.3 39.5



#64

Tetrachloroethene

Concen: 50.972 ug/l

RT: 10.727 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VY016402.D

Acq: 16 Nov 2023 19:58

Tgt Ion:164 Resp: 103362

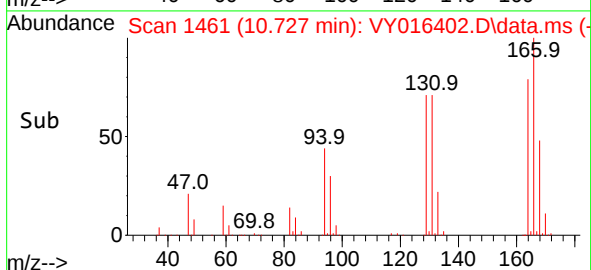
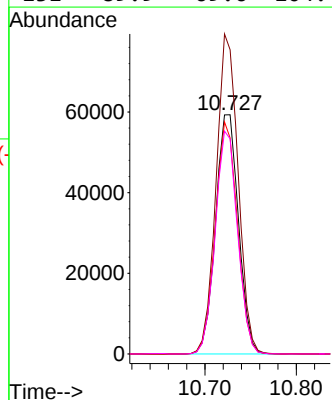
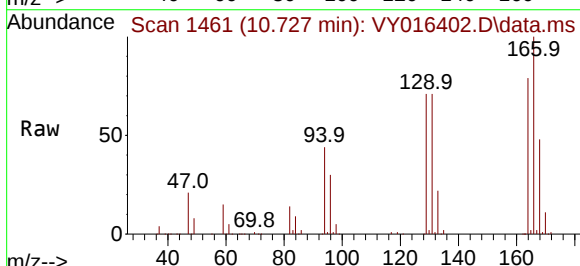
Ion Ratio Lower Upper

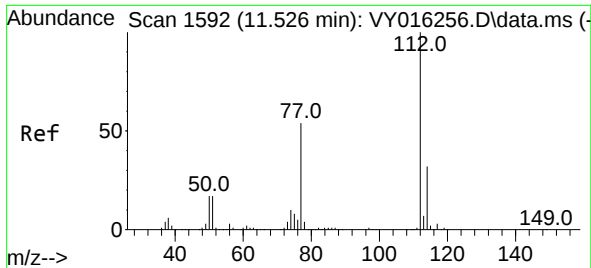
164 100

166 127.1 103.0 154.6

129 90.3 77.2 115.8

131 89.9 69.6 104.4

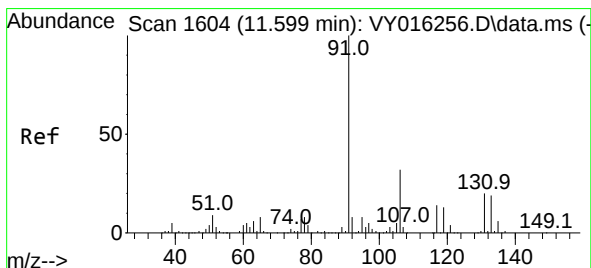
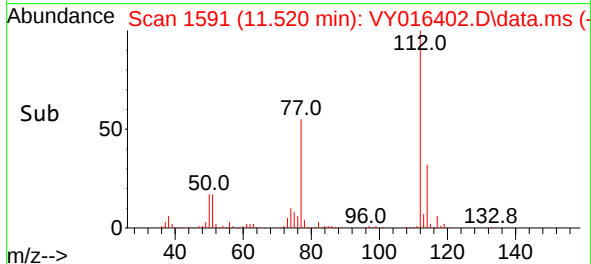
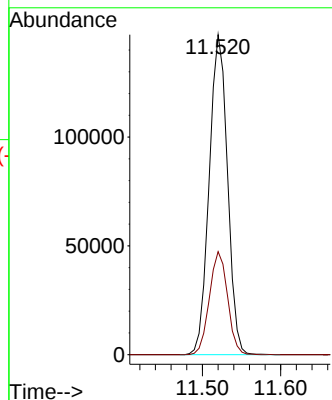
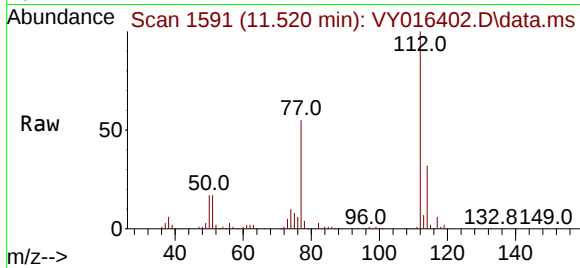




#65
Chlorobenzene
Concen: 49.389 ug/l
RT: 11.520 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016402.D
Acq: 16 Nov 2023 19:58

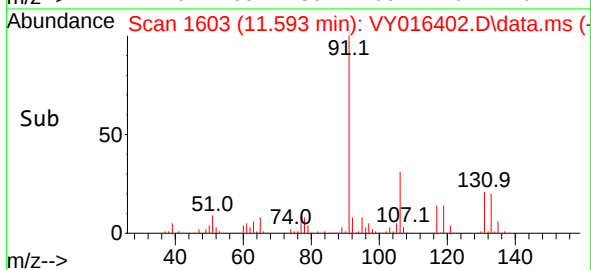
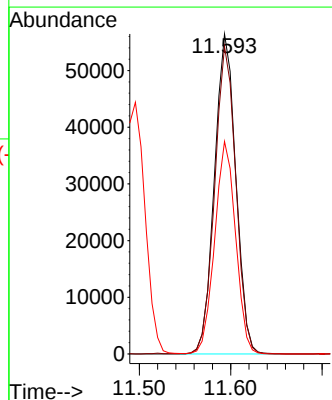
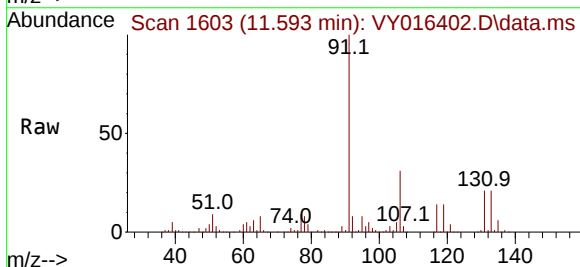
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

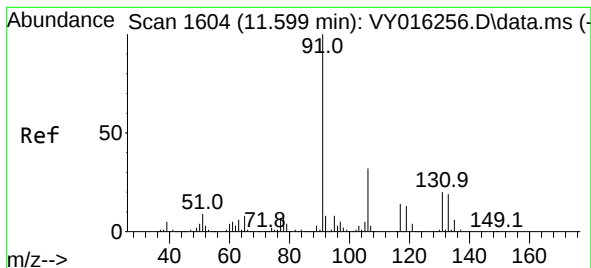
Tgt Ion:112 Resp: 238308
Ion Ratio Lower Upper
112 100
114 32.2 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 51.517 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY016402.D
Acq: 16 Nov 2023 19:58

Tgt Ion:131 Resp: 91684
Ion Ratio Lower Upper
131 100
133 95.6 47.5 142.6
119 65.0 31.6 94.7





#67

Ethyl Benzene

Concen: 48.849 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. -0.000 min

Lab File: VY016402.D

Acq: 16 Nov 2023 19:58

Instrument :

MSVOA_Y

ClientSampleId :

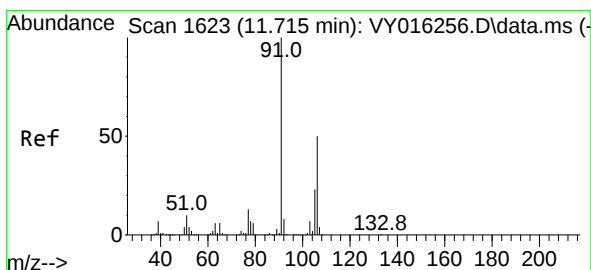
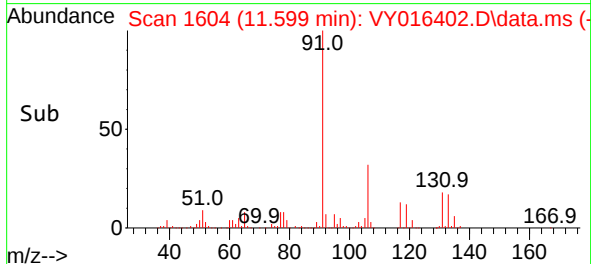
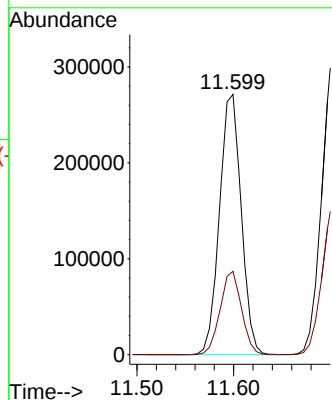
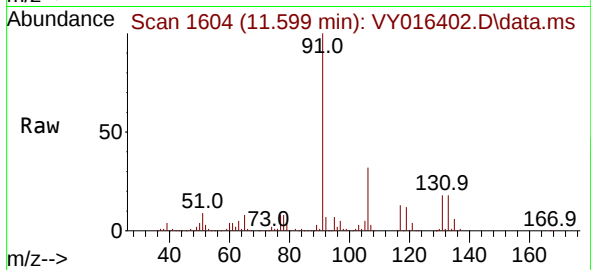
VSTDCCC050EC

Tgt Ion: 91 Resp: 423602

Ion Ratio Lower Upper

91 100

106 32.0 24.6 36.8



#68

m/p-Xylenes

Concen: 97.136 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. -0.006 min

Lab File: VY016402.D

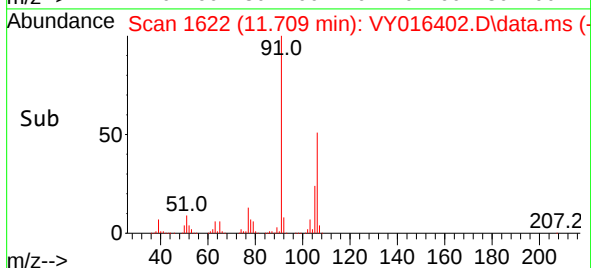
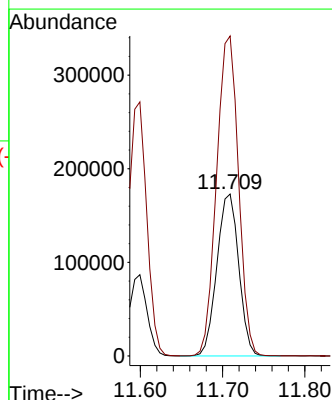
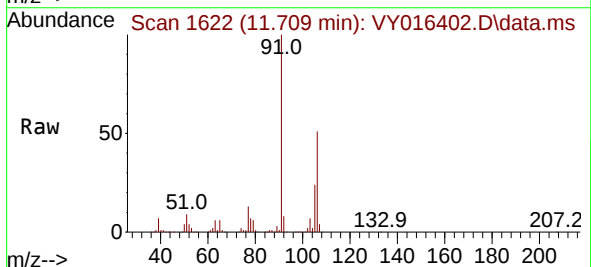
Acq: 16 Nov 2023 19:58

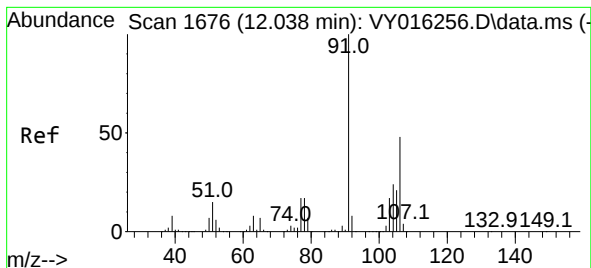
Tgt Ion: 106 Resp: 319484

Ion Ratio Lower Upper

106 100

91 198.4 166.1 249.1





#69

o-Xylene

Concen: 49.503 ug/l

RT: 12.032 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016402.D

Acq: 16 Nov 2023 19:58

Instrument :

MSVOA_Y

ClientSampleId :

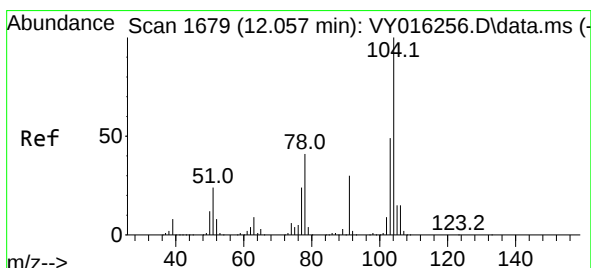
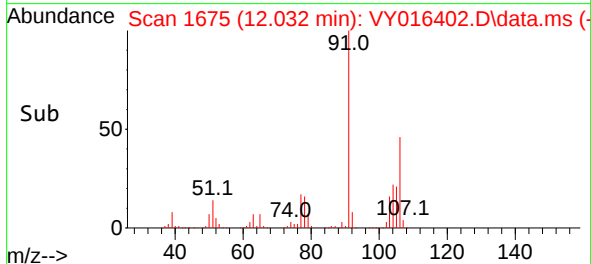
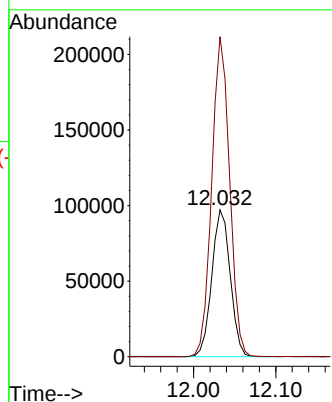
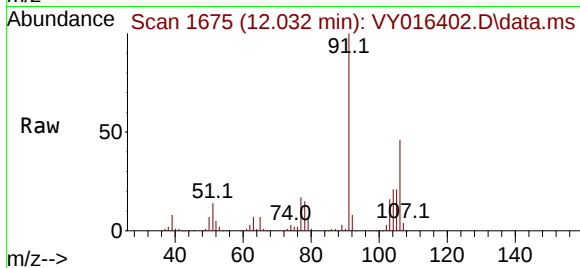
VSTDCCC050EC

Tgt Ion:106 Resp: 151169

Ion Ratio Lower Upper

106 100

91 211.8 108.1 324.3



#70

Styrene

Concen: 51.276 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. -0.006 min

Lab File: VY016402.D

Acq: 16 Nov 2023 19:58

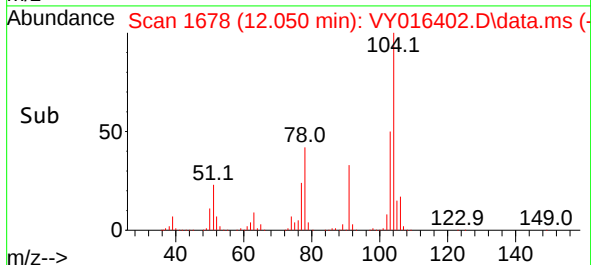
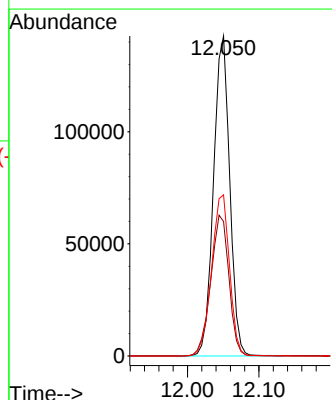
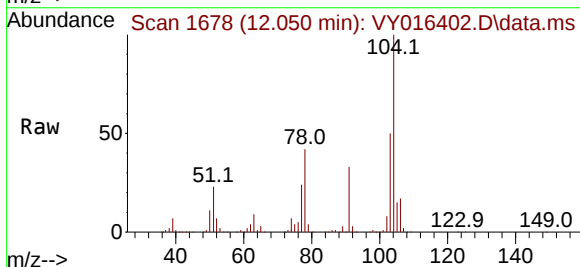
Tgt Ion:104 Resp: 224213

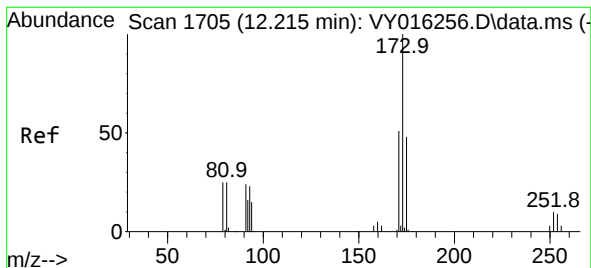
Ion Ratio Lower Upper

104 100

78 49.4 41.5 62.3

103 55.8 44.6 67.0





#71

Bromoform

Concen: 55.640 ug/l

RT: 12.215 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016402.D

Acq: 16 Nov 2023 19:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

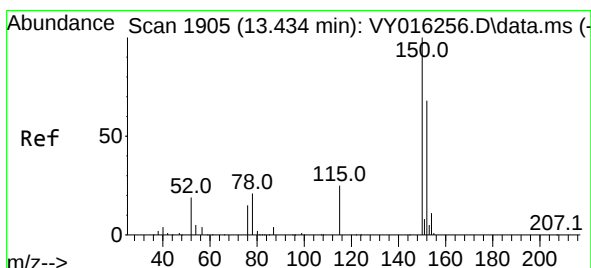
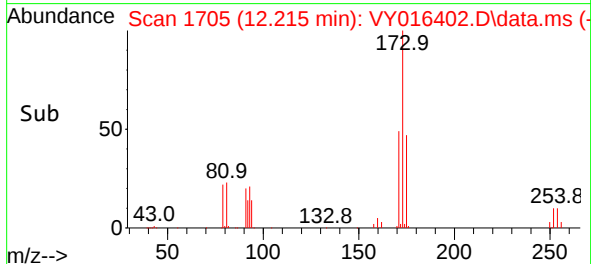
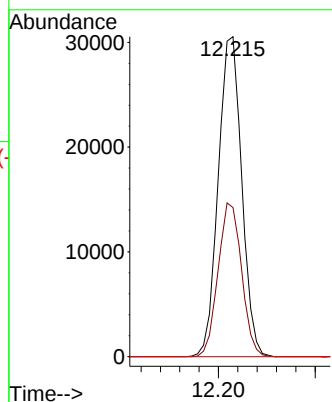
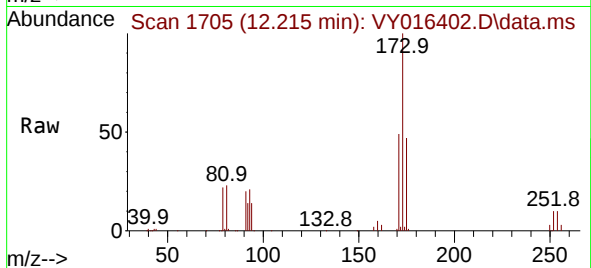
Tgt Ion:173 Resp: 51381

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: VY016402.D

Acq: 16 Nov 2023 19:58

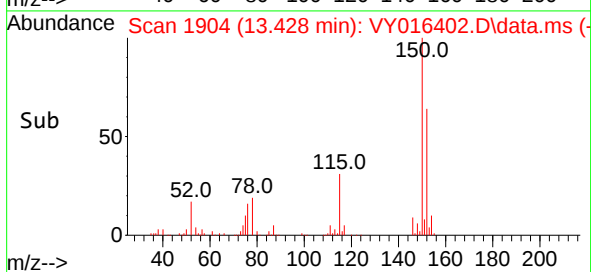
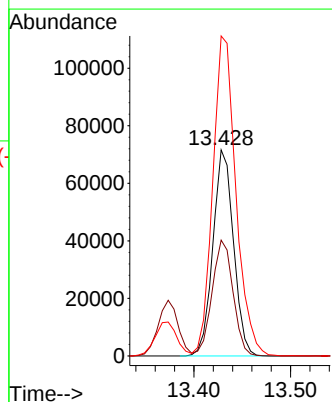
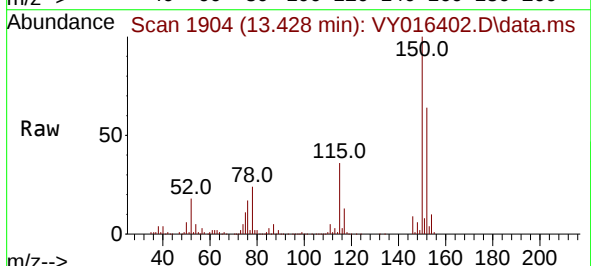
Tgt Ion:152 Resp: 105884

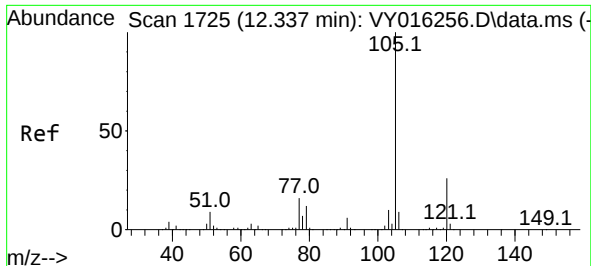
Ion Ratio Lower Upper

152 100

115 57.2 28.8 86.5

150 174.3 0.0 348.8

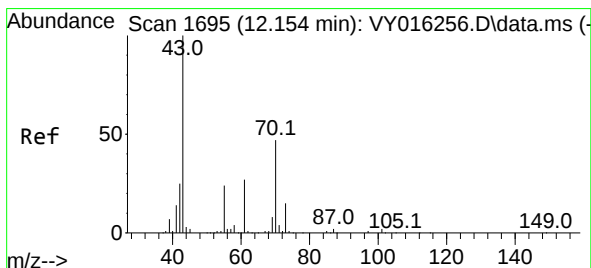
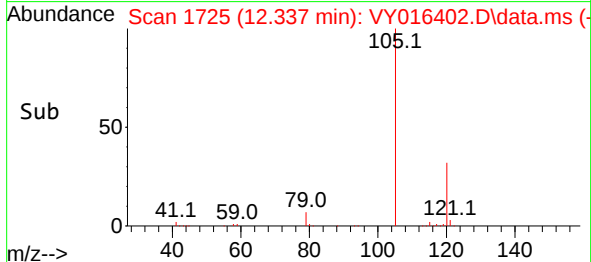
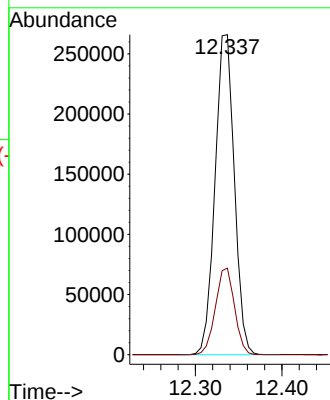
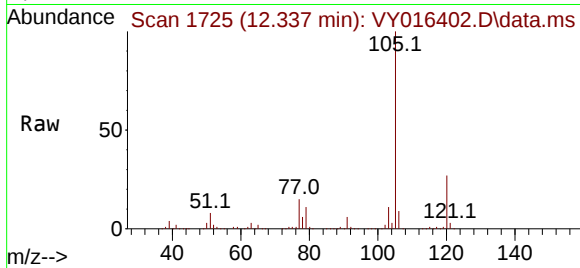




#73
Isopropylbenzene
Concen: 47.967 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. -0.000 min
Lab File: VY016402.D
Acq: 16 Nov 2023 19:58

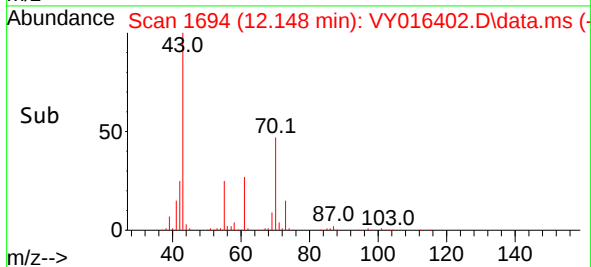
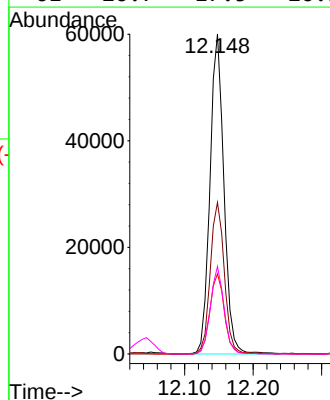
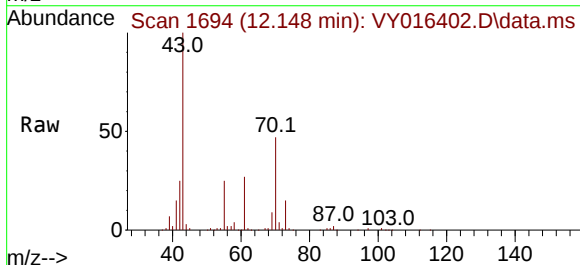
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

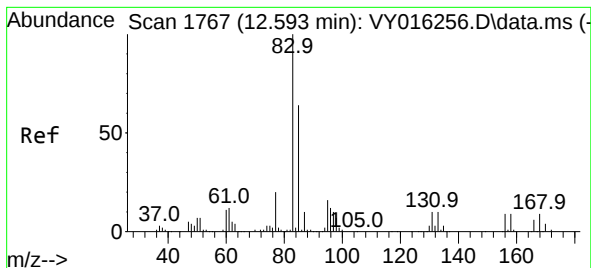
Tgt Ion:105 Resp: 411286
Ion Ratio Lower Upper
105 100
120 26.8 13.3 39.9



#74
N-ethyl acetate
Concen: 49.478 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. -0.006 min
Lab File: VY016402.D
Acq: 16 Nov 2023 19:58

Tgt Ion: 43 Resp: 85215
Ion Ratio Lower Upper
43 100
70 47.9 29.7 44.5#
55 26.1 18.3 27.5
61 26.7 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 50.837 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. -0.006 min

Lab File: VY016402.D

Acq: 16 Nov 2023 19:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

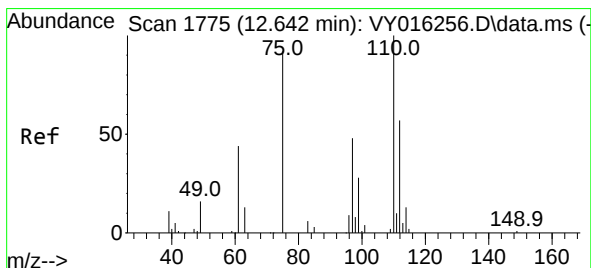
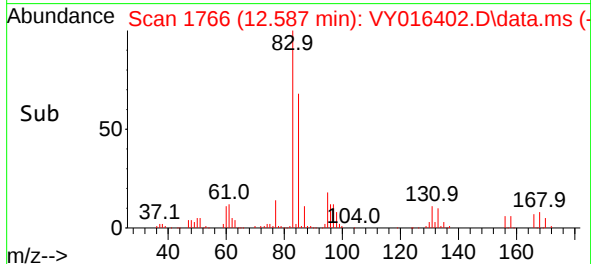
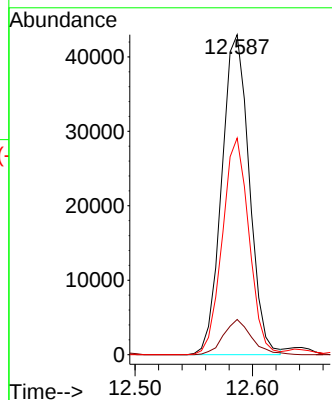
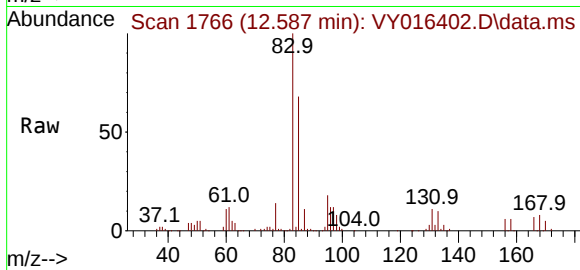
Tgt Ion: 83 Resp: 69944

Ion Ratio Lower Upper

83 100

131 11.2 5.4 16.2

85 65.7 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 93.454 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. -0.006 min

Lab File: VY016402.D

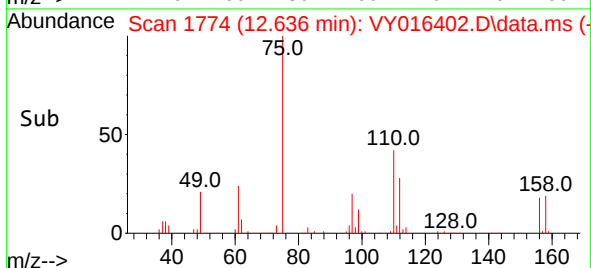
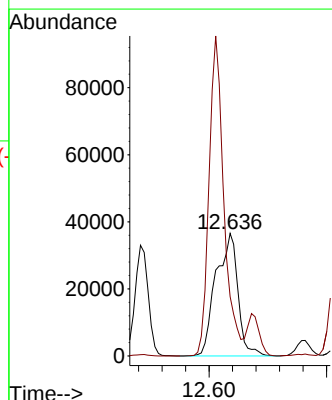
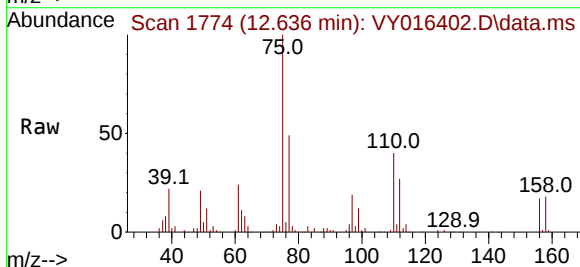
Acq: 16 Nov 2023 19:58

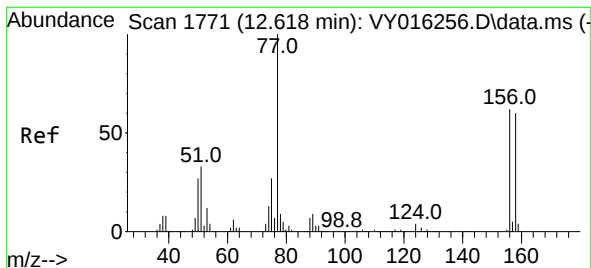
Tgt Ion: 75 Resp: 94924

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.050 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.006 min

Lab File: VY016402.D

Acq: 16 Nov 2023 19:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

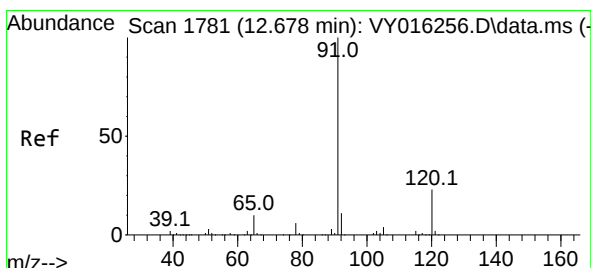
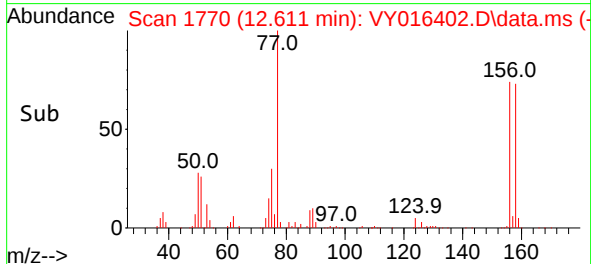
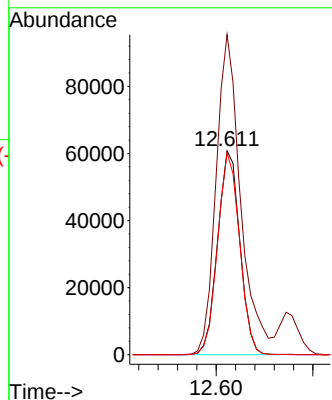
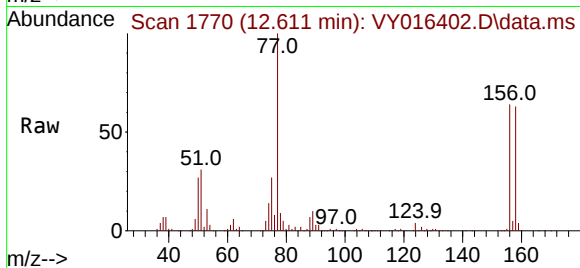
Tgt Ion:156 Resp: 96991

Ion Ratio Lower Upper

156 100

77 172.0 92.8 278.6

158 97.9 48.4 145.3



#78

n-propylbenzene

Concen: 47.025 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. -0.000 min

Lab File: VY016402.D

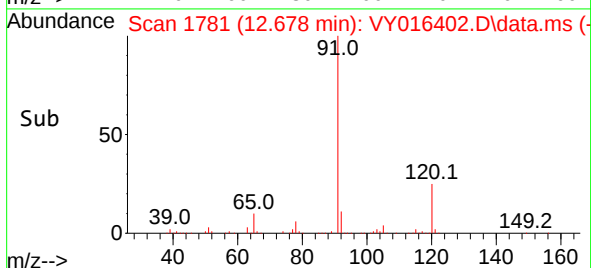
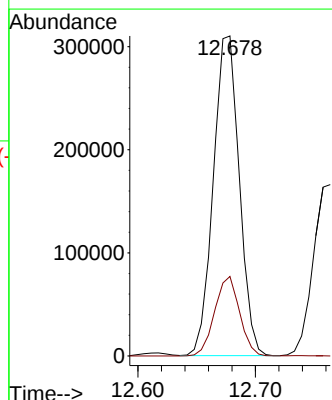
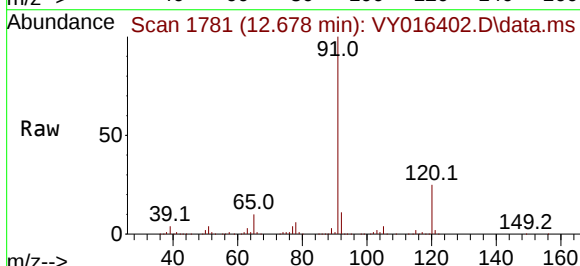
Acq: 16 Nov 2023 19:58

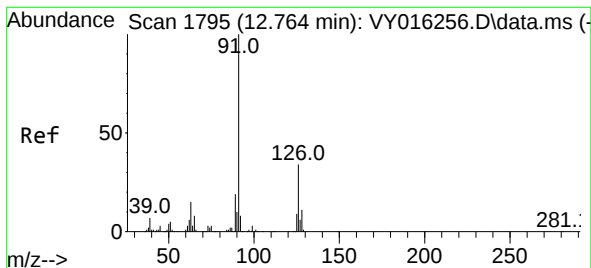
Tgt Ion: 91 Resp: 476499

Ion Ratio Lower Upper

91 100

120 23.8 11.5 34.4

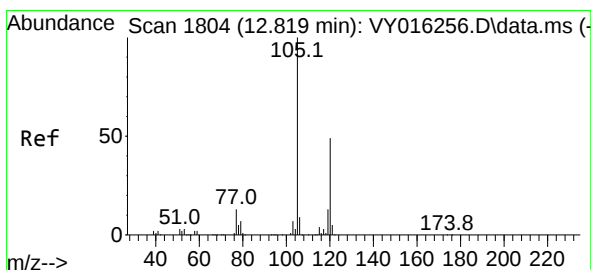
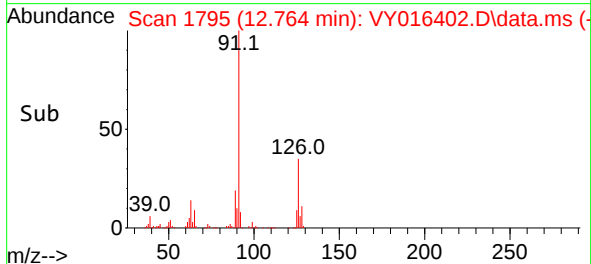
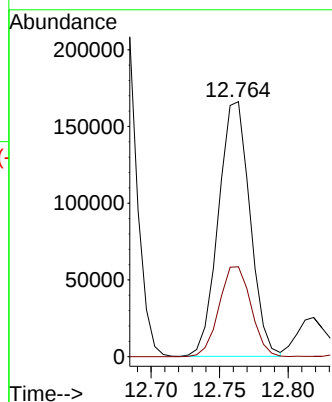
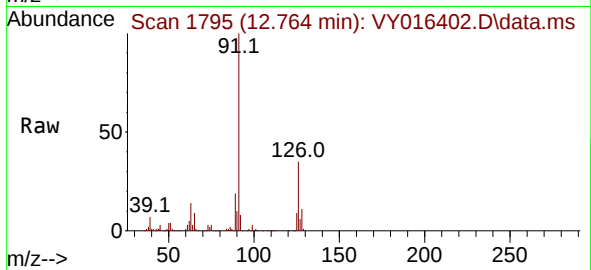




#79
2-Chlorotoluene
Concen: 47.752 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VY016402.D
Acq: 16 Nov 2023 19:58

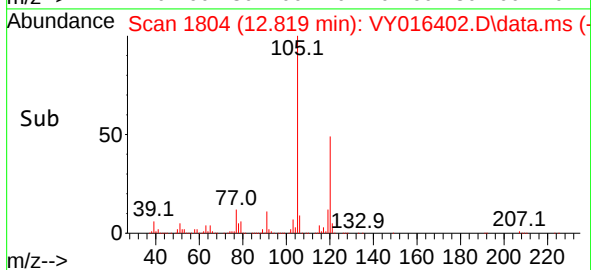
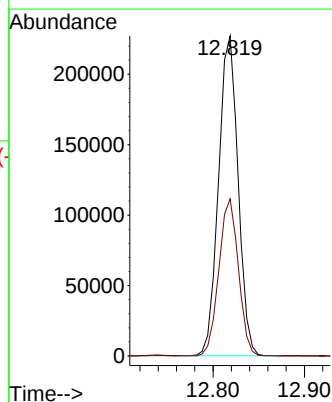
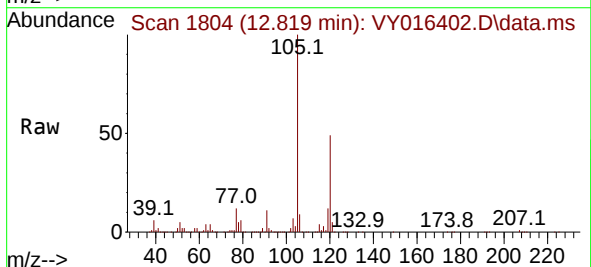
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

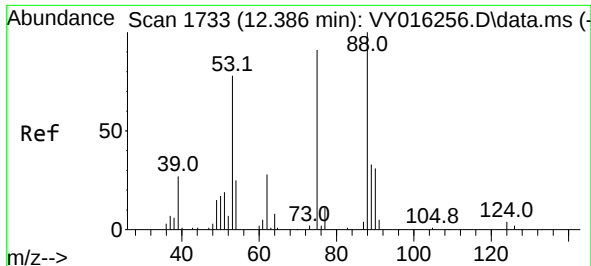
Tgt Ion: 91 Resp: 266660
Ion Ratio Lower Upper
91 100
126 35.8 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 48.814 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. -0.000 min
Lab File: VY016402.D
Acq: 16 Nov 2023 19:58

Tgt Ion: 105 Resp: 337453
Ion Ratio Lower Upper
105 100
120 49.1 23.9 71.7

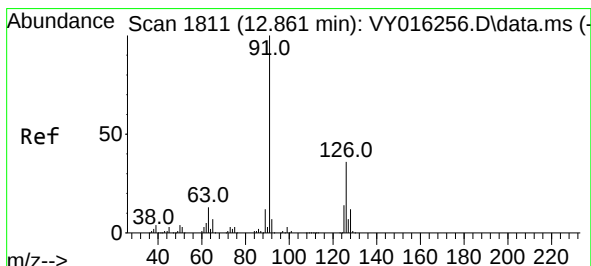
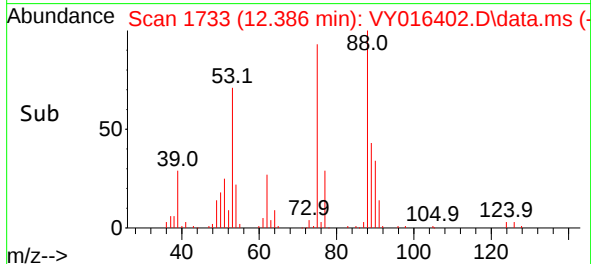
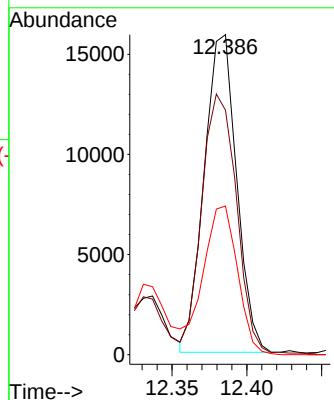
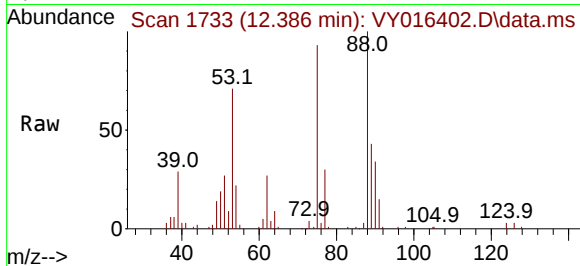




#81
trans-1,4-Dichloro-2-butene
Concen: 51.210 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. -0.000 min
Lab File: VY016402.D
Acq: 16 Nov 2023 19:58

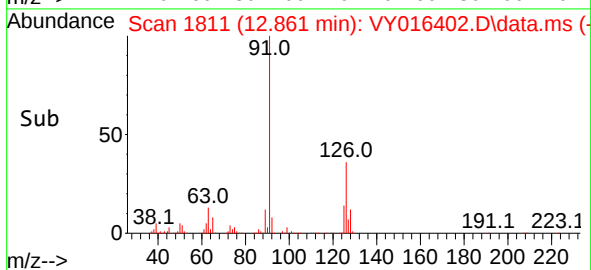
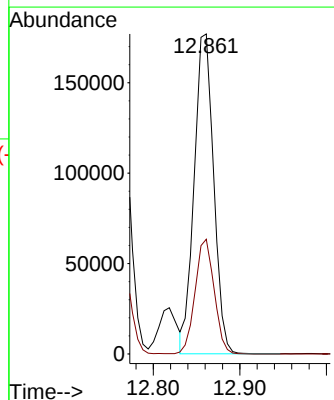
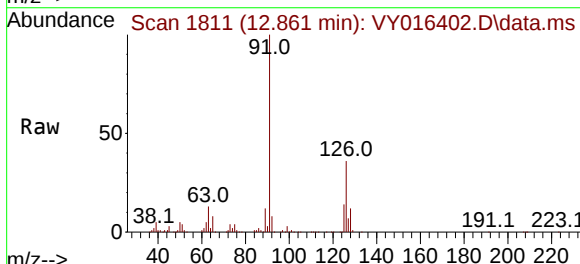
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

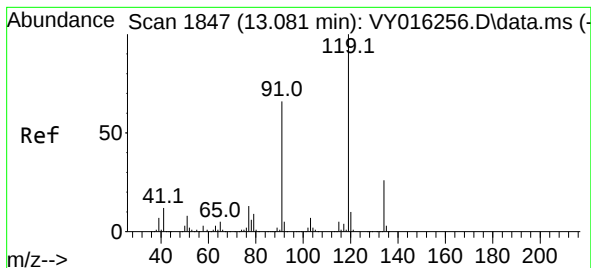
Tgt Ion: 75 Resp: 23964
Ion Ratio Lower Upper
75 100
53 88.3 77.8 116.8
89 49.7 37.4 56.0



#82
4-Chlorotoluene
Concen: 47.894 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VY016402.D
Acq: 16 Nov 2023 19:58

Tgt Ion: 91 Resp: 276361
Ion Ratio Lower Upper
91 100
126 35.2 17.2 51.6





#83

tert-Butylbenzene

Concen: 48.266 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. -0.000 min

Lab File: VY016402.D

Acq: 16 Nov 2023 19:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

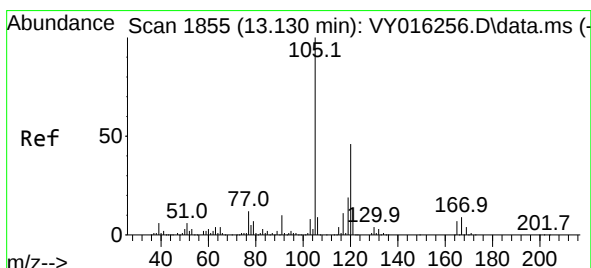
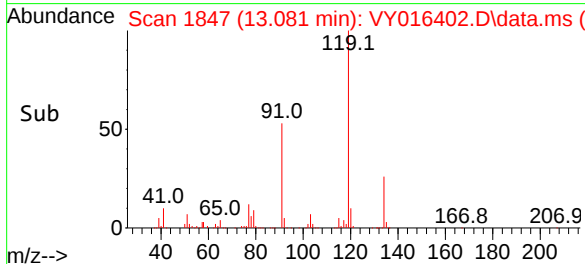
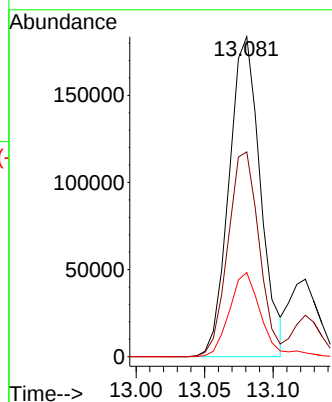
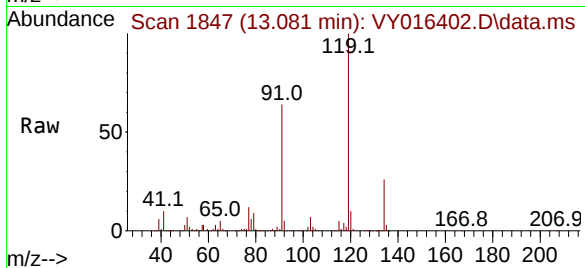
Tgt Ion:119 Resp: 293893

Ion Ratio Lower Upper

119 100

91 63.5 32.9 98.6

134 26.6 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 48.754 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. -0.006 min

Lab File: VY016402.D

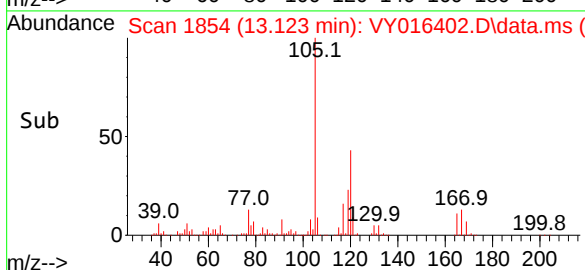
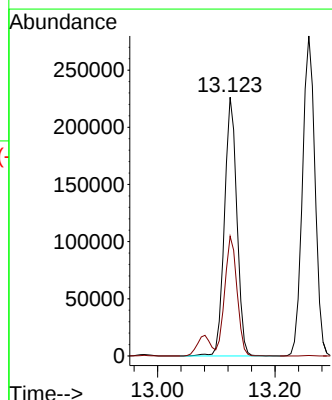
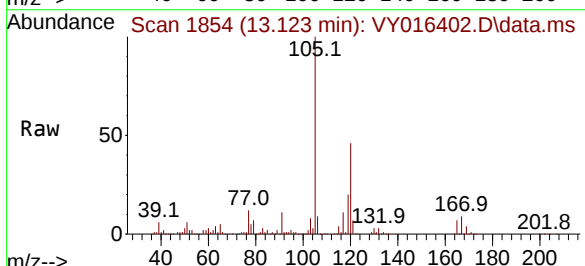
Acq: 16 Nov 2023 19:58

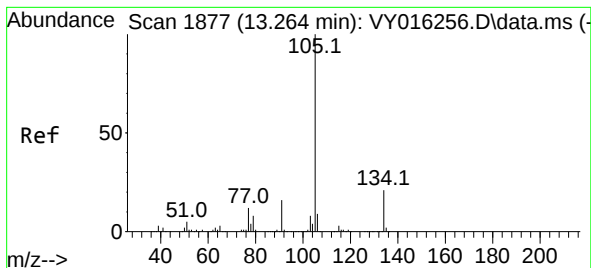
Tgt Ion:105 Resp: 331861

Ion Ratio Lower Upper

105 100

120 45.7 22.2 66.6





#85

sec-Butylbenzene

Concen: 47.597 ug/l

RT: 13.258 min Scan# 1876

Delta R.T. -0.006 min

Lab File: VY016402.D

Acq: 16 Nov 2023 19:58

Instrument :

MSVOA_Y

ClientSampleId :

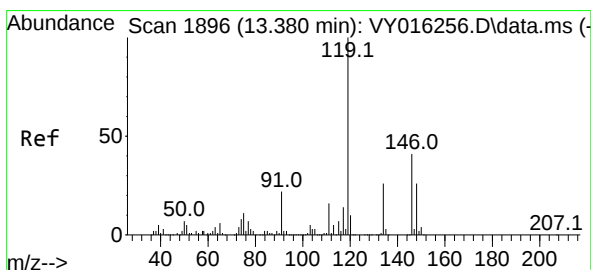
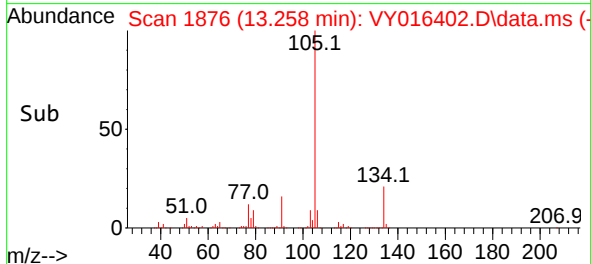
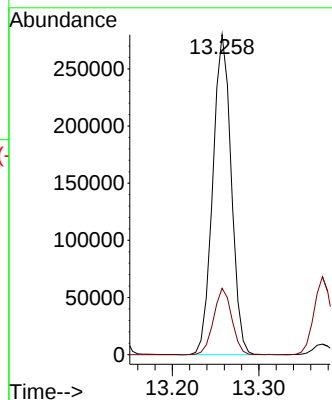
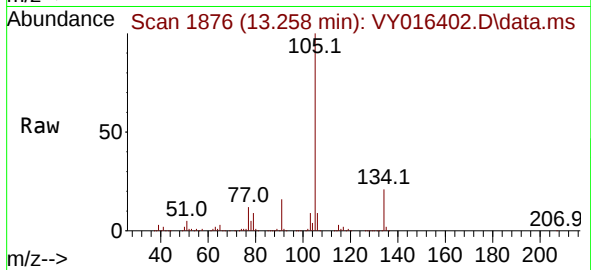
VSTDCCC050EC

Tgt Ion:105 Resp: 414046

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.6



#86

p-Isopropyltoluene

Concen: 48.178 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.006 min

Lab File: VY016402.D

Acq: 16 Nov 2023 19:58

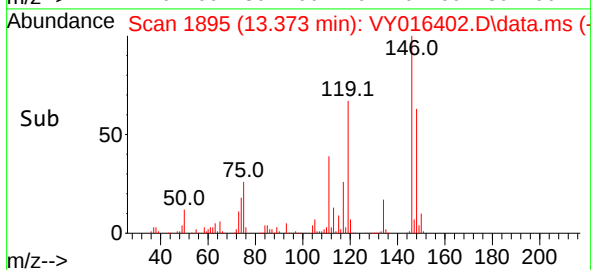
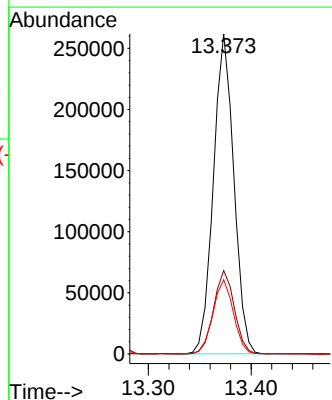
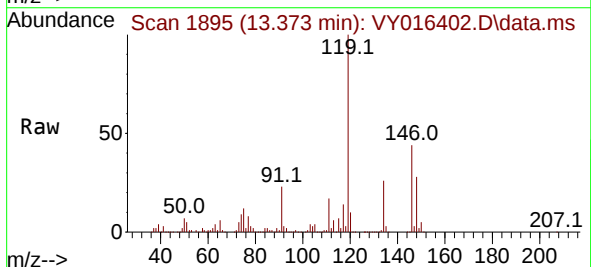
Tgt Ion:119 Resp: 360876

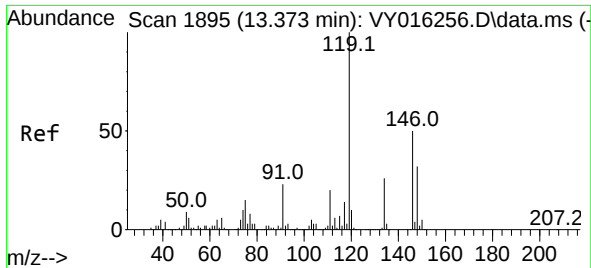
Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.8

91 23.2 12.4 37.4

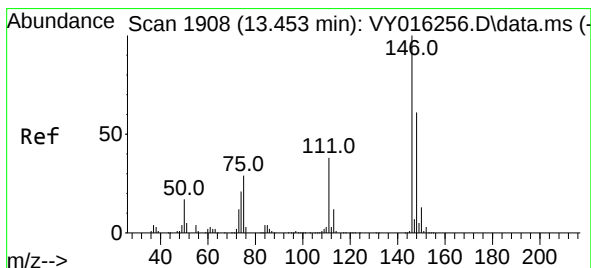
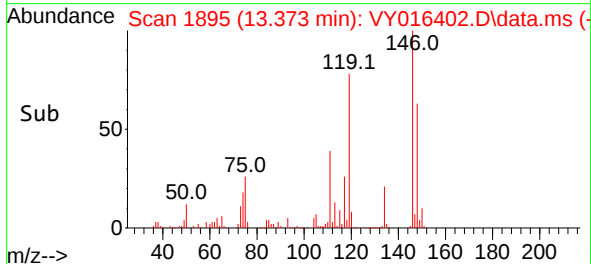
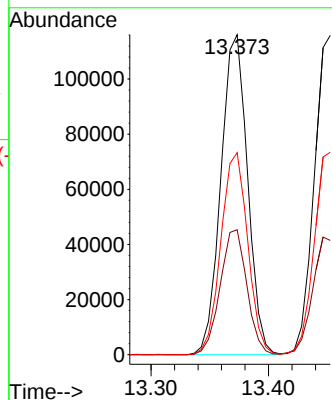
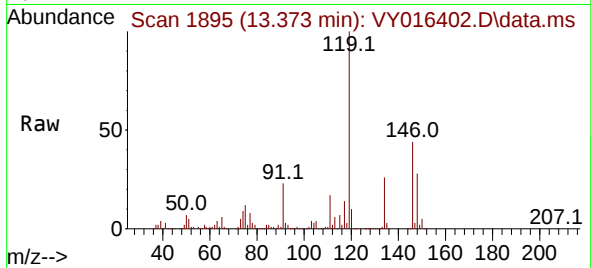




#87
1,3-Dichlorobenzene
Concen: 49.135 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VY016402.D
Acq: 16 Nov 2023 19:58

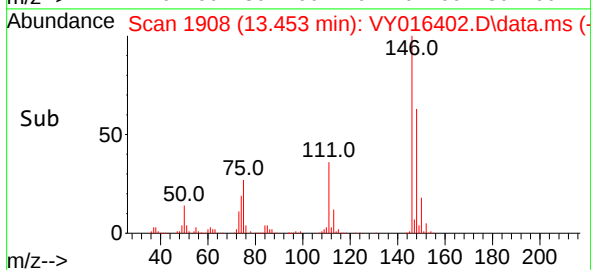
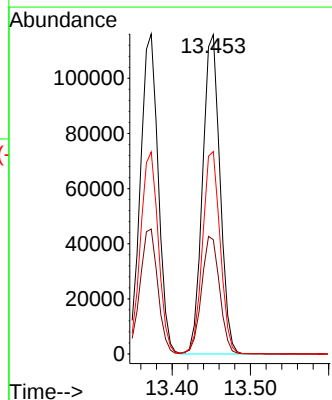
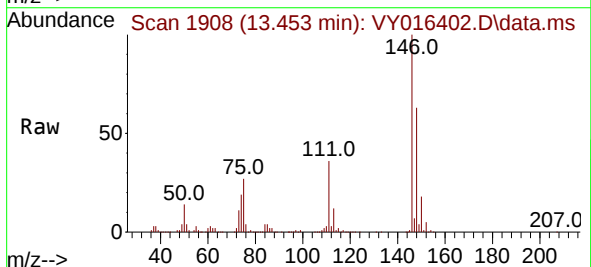
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

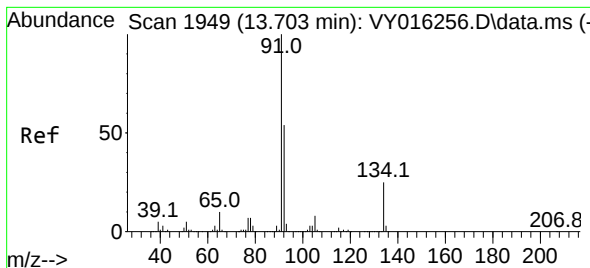
Tgt Ion:146 Resp: 183188
Ion Ratio Lower Upper
146 100
111 39.2 19.4 58.2
148 63.5 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 49.034 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY016402.D
Acq: 16 Nov 2023 19:58

Tgt Ion:146 Resp: 178661
Ion Ratio Lower Upper
146 100
111 38.1 18.9 56.7
148 64.2 32.1 96.5





#89

n-Butylbenzene

Concen: 46.977 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VY016402.D

Acq: 16 Nov 2023 19:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

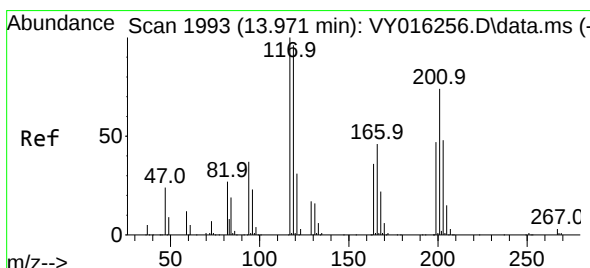
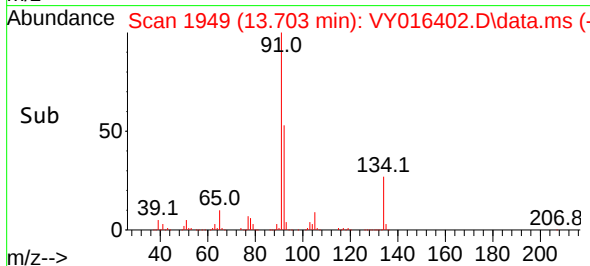
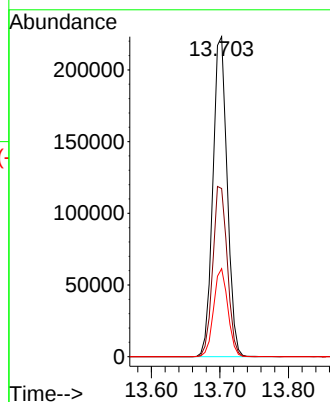
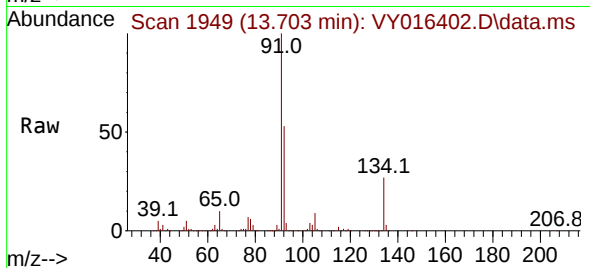
Tgt Ion: 91 Resp: 324963

Ion Ratio Lower Upper

91 100

92 53.9 25.4 76.0

134 27.2 12.6 37.6



#90

Hexachloroethane

Concen: 47.281 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. -0.006 min

Lab File: VY016402.D

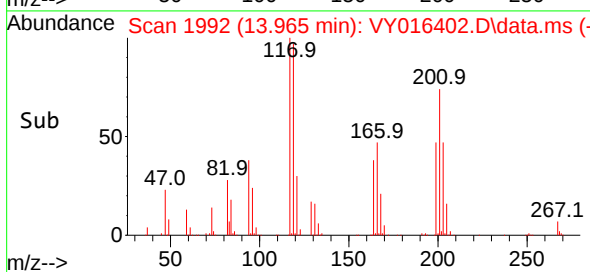
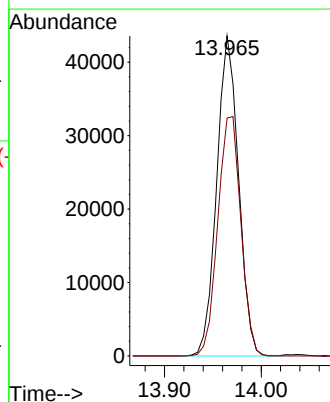
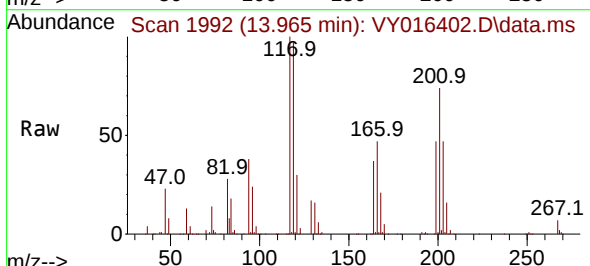
Acq: 16 Nov 2023 19:58

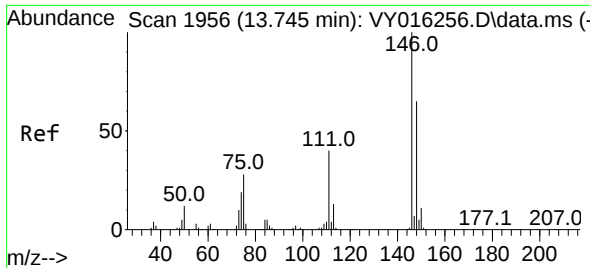
Tgt Ion: 117 Resp: 68318

Ion Ratio Lower Upper

117 100

201 79.0 41.6 124.8

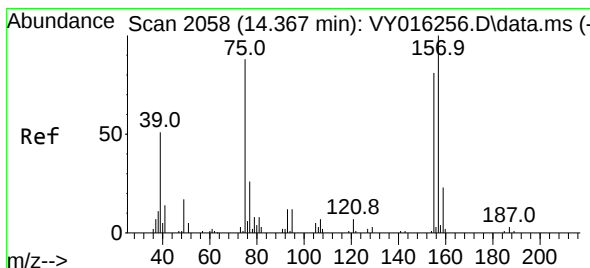
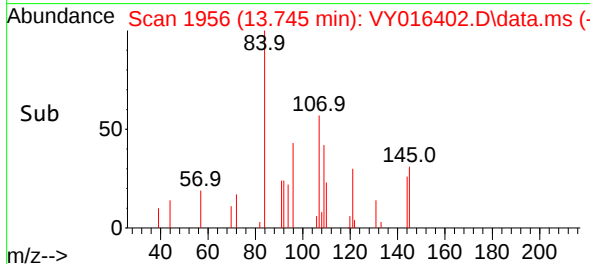
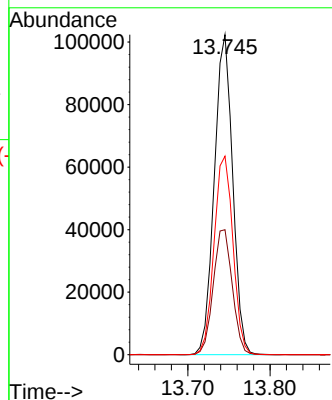
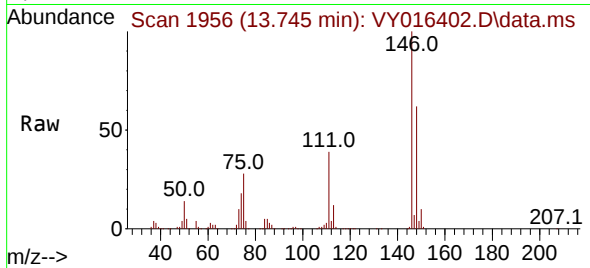




#91
1,2-Dichlorobenzene
Concen: 49.782 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VY016402.D
Acq: 16 Nov 2023 19:58

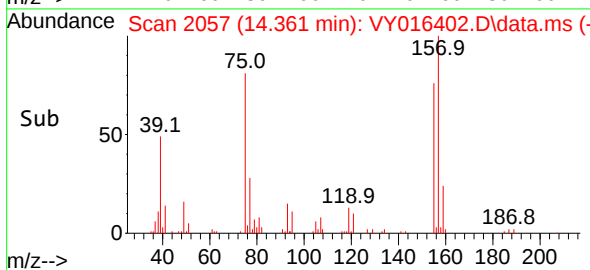
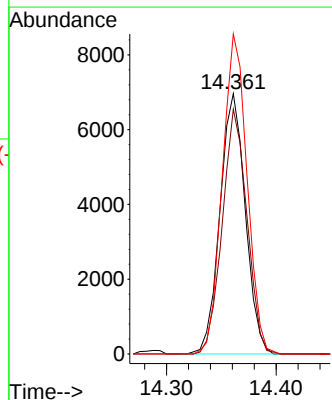
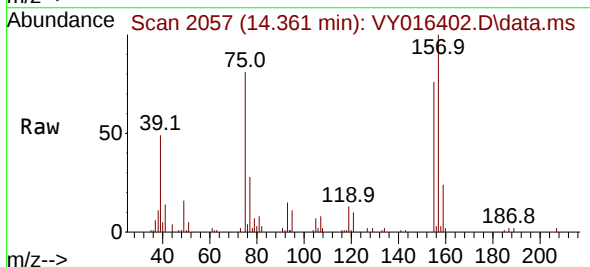
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

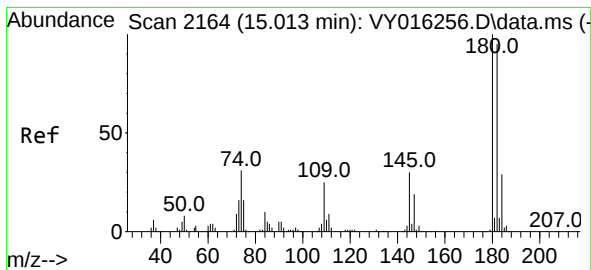
Tgt Ion:146 Resp: 159041
Ion Ratio Lower Upper
146 100
111 40.5 19.7 59.0
148 63.9 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.978 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. -0.006 min
Lab File: VY016402.D
Acq: 16 Nov 2023 19:58

Tgt Ion: 75 Resp: 11159
Ion Ratio Lower Upper
75 100
155 91.4 41.5 124.6
157 120.0 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 49.994 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. -0.000 min

Lab File: VY016402.D

Acq: 16 Nov 2023 19:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

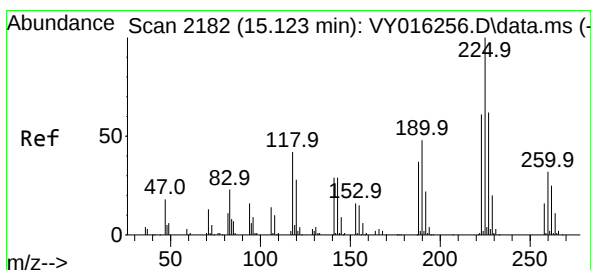
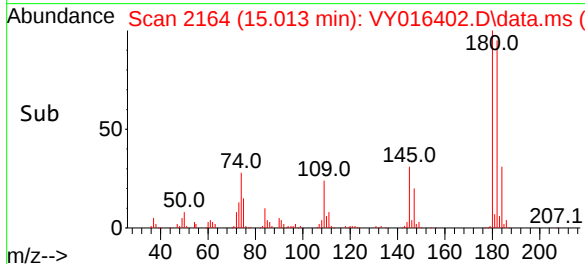
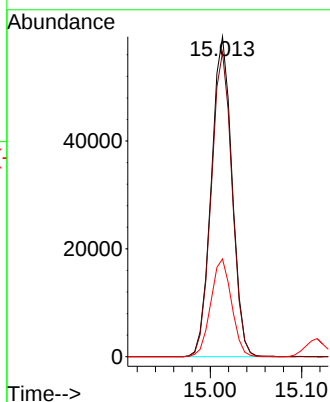
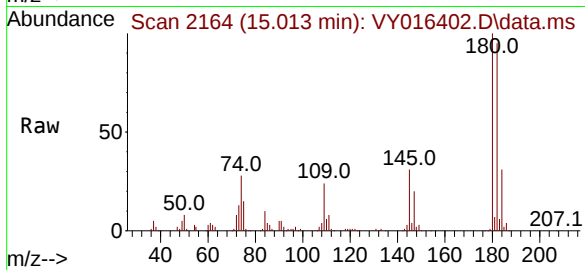
Tgt Ion:180 Resp: 93228

Ion Ratio Lower Upper

180 100

182 95.5 47.0 141.2

145 30.6 14.5 43.5



#94

Hexachlorobutadiene

Concen: 48.580 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY016402.D

Acq: 16 Nov 2023 19:58

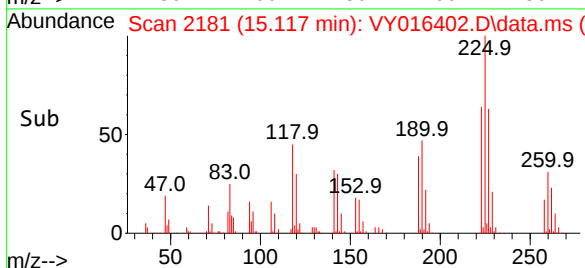
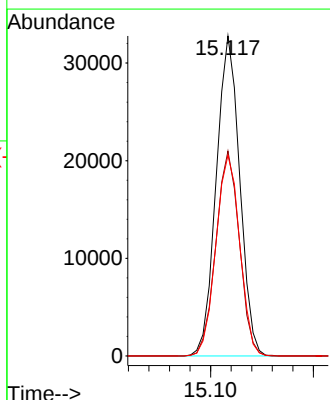
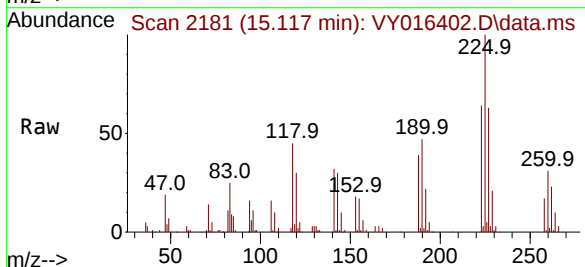
Tgt Ion:225 Resp: 51901

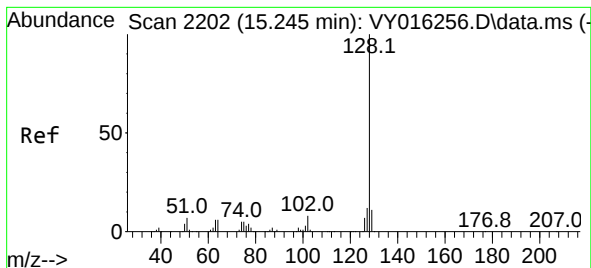
Ion Ratio Lower Upper

225 100

223 63.9 31.9 95.9

227 63.7 33.0 98.9





#95

Naphthalene

Concen: 52.493 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY016402.D

Acq: 16 Nov 2023 19:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

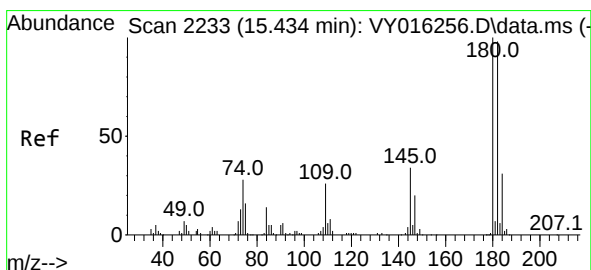
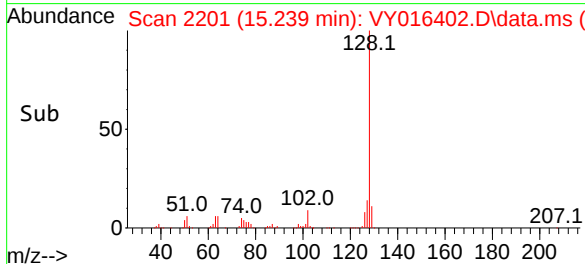
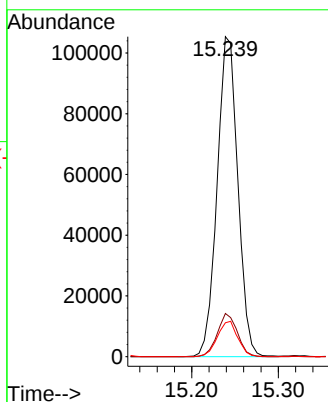
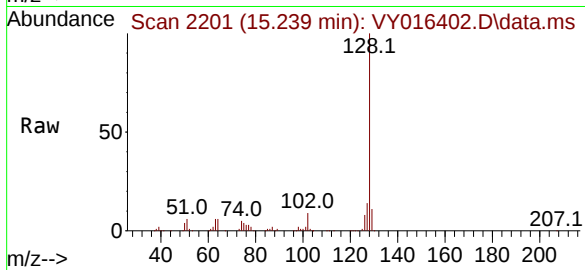
Tgt Ion:128 Resp: 175075

Ion Ratio Lower Upper

128 100

127 13.0 10.8 16.2

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 49.712 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY016402.D

Acq: 16 Nov 2023 19:58

Tgt Ion:180 Resp: 76676

Ion Ratio Lower Upper

180 100

182 95.2 47.3 141.8

145 32.7 15.4 46.2

