

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081324\
 Data File : VY019043.D
 Acq On : 13 Aug 2024 20:50
 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: Aug 14 01:43:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.695	168	49257	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	72909	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	67674	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	35971	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	22215	51.367	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.740%	
35) Dibromofluoromethane	7.622	113	24788	53.232	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.460%	
50) Toluene-d8	10.103	98	90914	50.829	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.660%	
62) 4-Bromofluorobenzene	12.407	95	26658	50.237	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.480%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.861	85	14303	42.245	ug/l	98
3) Chloromethane	2.068	50	39562	49.333	ug/l	99
4) Vinyl Chloride	2.202	62	54612	48.133	ug/l	98
5) Bromomethane	2.586	94	45358	50.105	ug/l	99
6) Chloroethane	2.726	64	37400	49.019	ug/l	97
7) Trichlorofluoromethane	3.043	101	76812	50.795	ug/l	94
8) Diethyl Ether	3.446	74	10519	45.126	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.805	101	21243	44.966	ug/l	92
10) Methyl Iodide	3.994	142	24059	47.162	ug/l	96
11) Tert butyl alcohol	4.836	59	7038	171.301	ug/l #	79
12) 1,1-Dichloroethene	3.775	96	20415	45.741	ug/l	95
13) Acrolein	3.641	56	7886	172.066	ug/l	96
14) Allyl chloride	4.366	41	26190	43.875	ug/l #	81
15) Acrylonitrile	5.037	53	22364	244.726	ug/l	97
16) Acetone	3.848	43	18225	172.930	ug/l #	79
17) Carbon Disulfide	4.098	76	56883	42.874	ug/l	98
18) Methyl Acetate	4.372	43	12285	51.109	ug/l	94
19) Methyl tert-butyl Ether	5.104	73	48330	44.025	ug/l	96
20) Methylene Chloride	4.604	84	24250	48.524	ug/l	88
21) trans-1,2-Dichloroethene	5.104	96	24966	50.556	ug/l	92
22) Diisopropyl ether	6.006	45	62855	48.303	ug/l #	81
23) Vinyl Acetate	5.945	43	270674	241.021	ug/l	99
24) 1,1-Dichloroethane	5.903	63	38285	47.958	ug/l	98
25) 2-Butanone	6.878	43	30445	217.423	ug/l	96
26) 2,2-Dichloropropane	6.866	77	29587	39.378	ug/l	96
27) cis-1,2-Dichloroethene	6.878	96	28147	47.638	ug/l	99
28) Bromochloromethane	7.232	49	19656	53.482	ug/l	97
29) Tetrahydrofuran	7.244	42	20285	245.680	ug/l	91
30) Chloroform	7.408	83	42933	50.276	ug/l	96
31) Cyclohexane	7.695	56	31226	45.860	ug/l	97
32) 1,1,1-Trichloroethane	7.610	97	37655	48.782	ug/l	95
36) 1,1-Dichloropropene	7.823	75	30495	48.786	ug/l	97
37) Ethyl Acetate	6.969	43	14740	51.591	ug/l	96
38) Carbon Tetrachloride	7.805	117	35630	49.714	ug/l	98
39) Methylcyclohexane	9.103	83	38731	46.032	ug/l	97
40) Benzene	8.067	78	94357	50.770	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.207	41	6173	48.257	ug/l #	71
42) 1,2-Dichloroethane	8.146	62	23941	51.745	ug/l	99
43) Isopropyl Acetate	8.189	43	28928	49.786	ug/l #	74
44) Trichloroethene	8.853	130	26083	49.235	ug/l	99
45) 1,2-Dichloropropane	9.134	63	20344	48.920	ug/l	99
46) Dibromomethane	9.219	93	15156	56.404	ug/l	96
47) Bromodichloromethane	9.414	83	33847	53.828	ug/l	91
48) Methyl methacrylate	9.213	41	12732	50.159	ug/l #	76
49) 1,4-Dioxane	9.213	88	3242	1021.234	ug/l #	91
51) 4-Methyl-2-Pentanone	9.993	43	78074	260.538	ug/l #	86
52) Toluene	10.164	92	62896	50.946	ug/l	97
53) t-1,3-Dichloropropene	10.390	75	26538	47.326	ug/l	94
54) cis-1,3-Dichloropropene	9.853	75	32318	48.519	ug/l #	81
55) 1,1,2-Trichloroethane	10.566	97	17319	52.484	ug/l	95
56) Ethyl methacrylate	10.438	69	22403	50.142	ug/l #	73
57) 1,3-Dichloropropane	10.713	76	28516	52.485	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.707	63	59866	259.905	ug/l	94
59) 2-Hexanone	10.755	43	51488	239.524	ug/l	85
60) Dibromochloromethane	10.908	129	23929	54.088	ug/l	99
61) 1,2-Dibromoethane	11.011	107	16161	50.721	ug/l	99
64) Tetrachloroethene	10.640	164	30223	53.275	ug/l	89
65) Chlorobenzene	11.444	112	73184	49.253	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	25578	49.215	ug/l	94
67) Ethyl Benzene	11.517	91	120590	46.876	ug/l #	86
68) m/p-Xylenes	11.627	106	101225	95.959	ug/l	94
69) o-Xylene	11.956	106	46328	47.585	ug/l	97
70) Styrene	11.969	104	81562	50.862	ug/l	95
71) Bromoform	12.133	173	13816	51.120	ug/l #	98
73) Isopropylbenzene	12.255	105	118374	45.336	ug/l	98
74) N-amyl acetate	12.072	43	27609	45.823	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.505	83	19260	45.708	ug/l	97
76) 1,2,3-Trichloropropane	12.560	75	24019	89.630	ug/l #	100
77) Bromobenzene	12.536	156	30012	49.341	ug/l	86
78) n-propylbenzene	12.596	91	136872	44.290	ug/l	97
79) 2-Chlorotoluene	12.682	91	71026	44.394	ug/l	91
80) 1,3,5-Trimethylbenzene	12.737	105	91272	44.606	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	5397	41.500	ug/l	87
82) 4-Chlorotoluene	12.779	91	75436	46.054	ug/l	93
83) tert-Butylbenzene	12.999	119	89154	46.129	ug/l	96
84) 1,2,4-Trimethylbenzene	13.042	105	95207	45.867	ug/l	95
85) sec-Butylbenzene	13.176	105	122322	43.694	ug/l	94
86) p-Isopropyltoluene	13.291	119	109073	44.995	ug/l	95
87) 1,3-Dichlorobenzene	13.285	146	60174	48.430	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	58012	47.875	ug/l	98
89) n-Butylbenzene	13.615	91	95949	45.094	ug/l	97
90) Hexachloroethane	13.877	117	21632	47.293	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	52029	50.931	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.273	75	2450	42.269	ug/l	92
93) 1,2,4-Trichlorobenzene	14.919	180	29017	51.585	ug/l	98
94) Hexachlorobutadiene	15.023	225	14992	48.597	ug/l	96
95) Naphthalene	15.145	128	47176	47.110	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	25066	51.916	ug/l	96

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ClientSampleId :
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QLast Update : Fri Aug 09 04:24:33 2024
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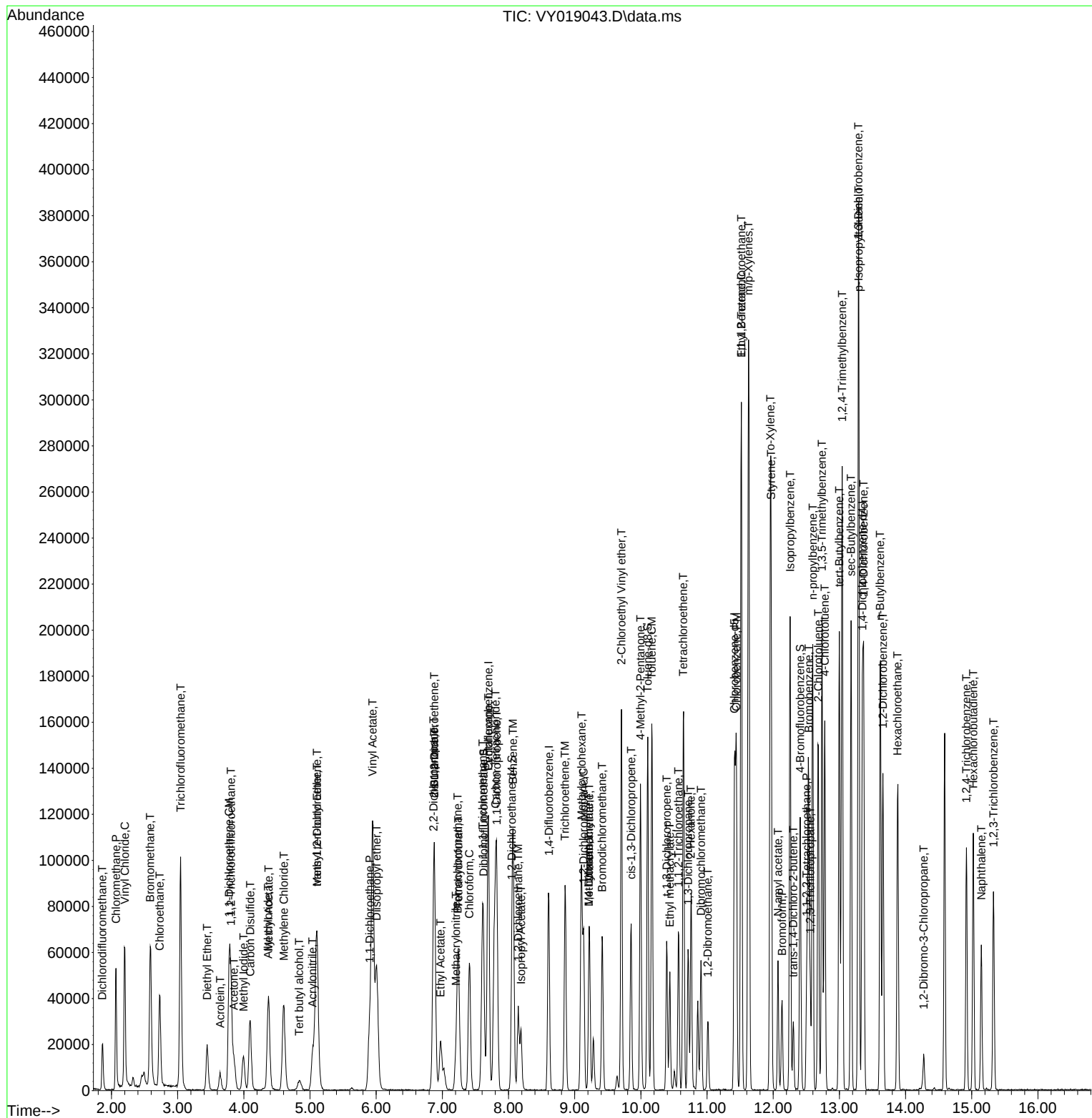
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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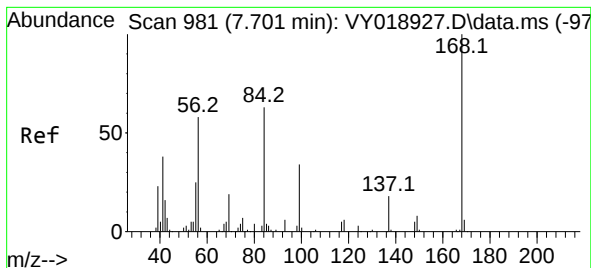
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.695 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY019043.D

Acq: 13 Aug 2024 20:50

Instrument :

MSVOA_Y

ClientSampleId :

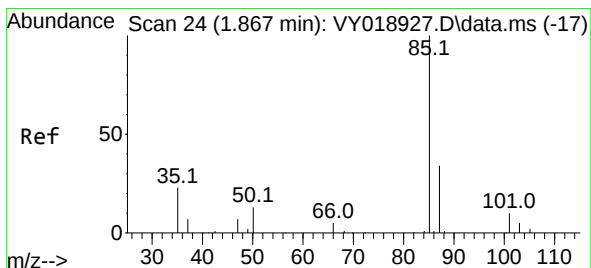
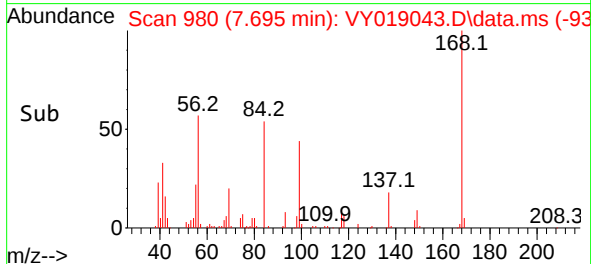
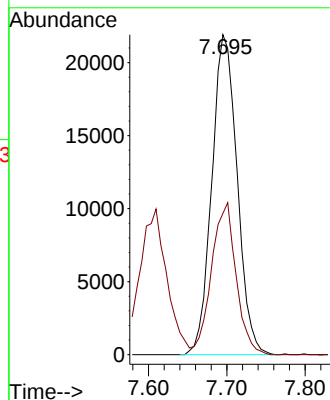
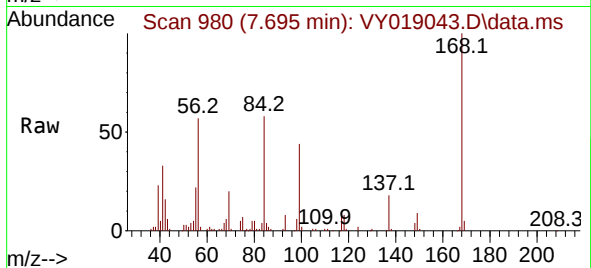
VSTDCCC050EC

Tgt Ion:168 Resp: 49257

Ion Ratio Lower Upper

168 100

99 44.2 39.1 58.7



#2

Dichlorodifluoromethane

Concen: 42.245 ug/l

RT: 1.861 min Scan# 23

Delta R.T. -0.006 min

Lab File: VY019043.D

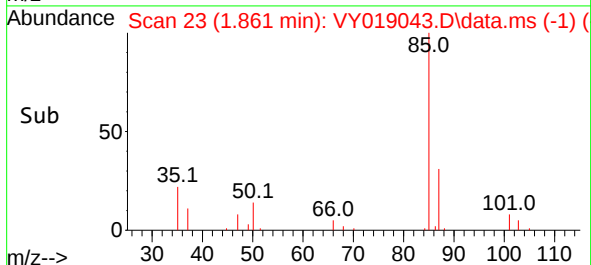
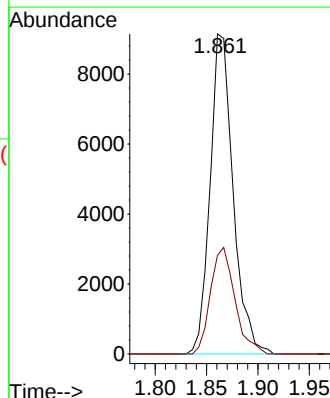
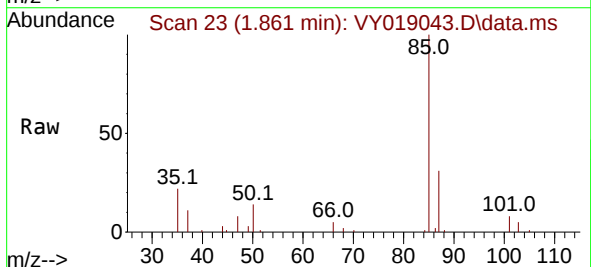
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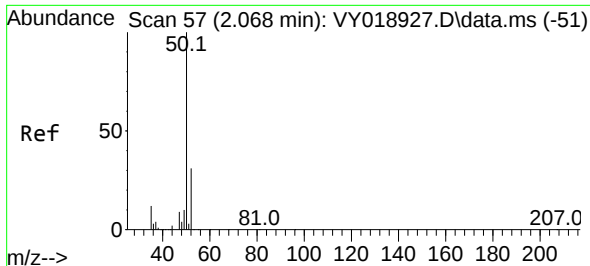
Tgt Ion: 85 Resp: 14303

Ion Ratio Lower Upper

85 100

87 30.8 16.0 48.0

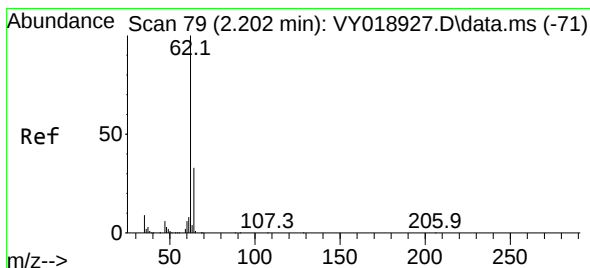
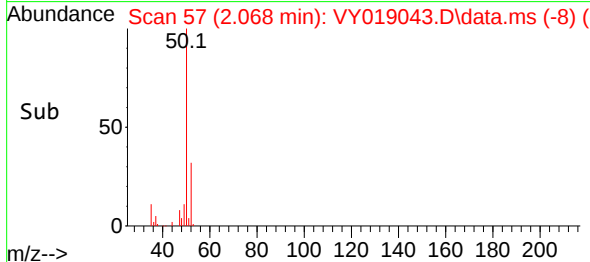
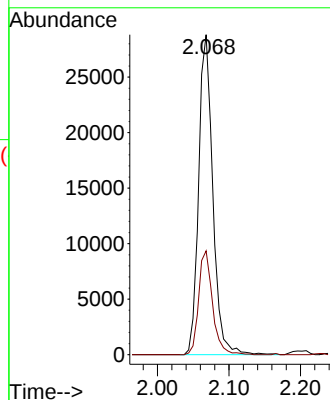
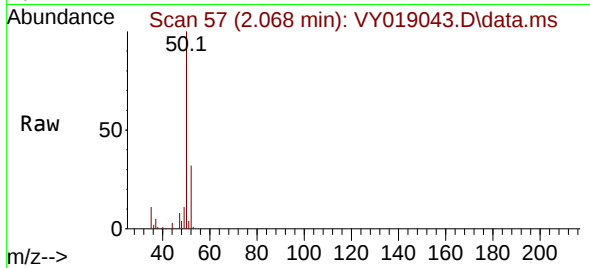




#3
Chloromethane
Concen: 49.333 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY019043.D
Acq: 13 Aug 2024 20:50

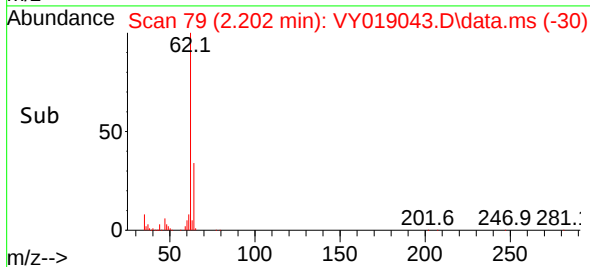
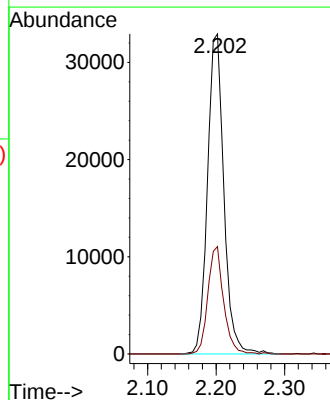
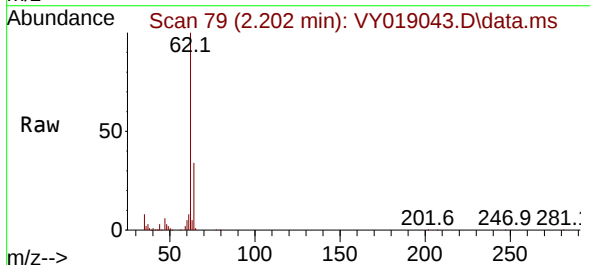
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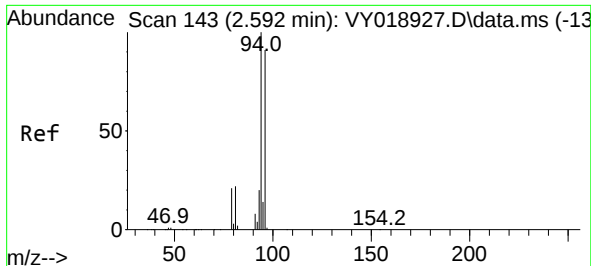
Tgt Ion: 50 Resp: 39562
Ion Ratio Lower Upper
50 100
52 32.4 25.6 38.4



#4
Vinyl Chloride
Concen: 48.133 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY019043.D
Acq: 13 Aug 2024 20:50

Tgt Ion: 62 Resp: 54612
Ion Ratio Lower Upper
62 100
64 33.6 26.1 39.1

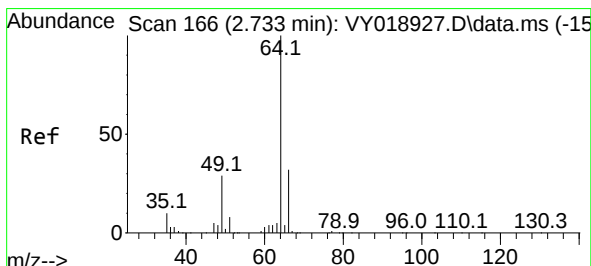
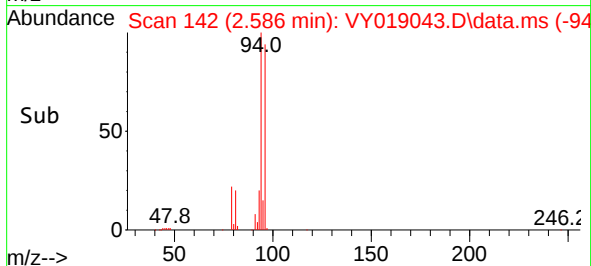
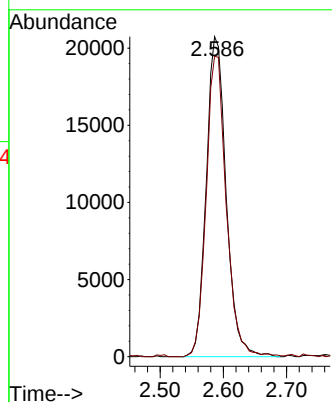
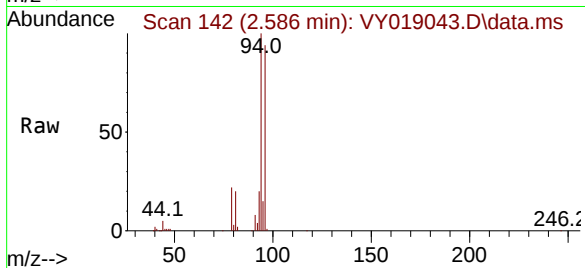




#5
Bromomethane
Concen: 50.105 ug/l
RT: 2.586 min Scan# 143
Delta R.T. -0.006 min
Lab File: VY019043.D
Acq: 13 Aug 2024 20:50

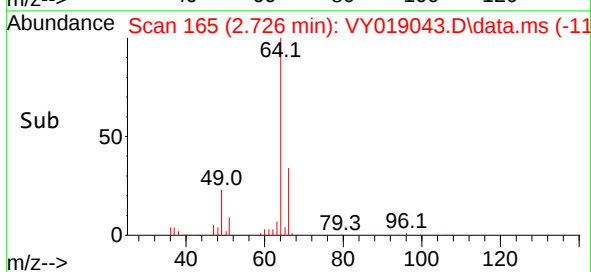
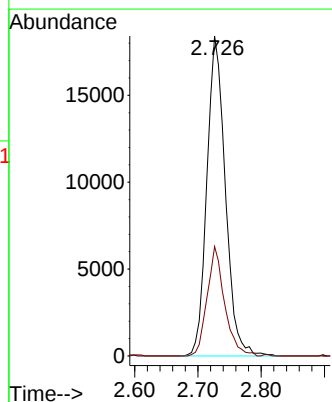
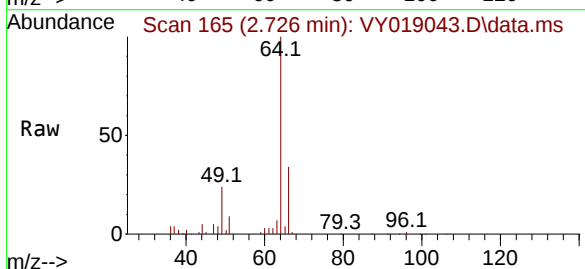
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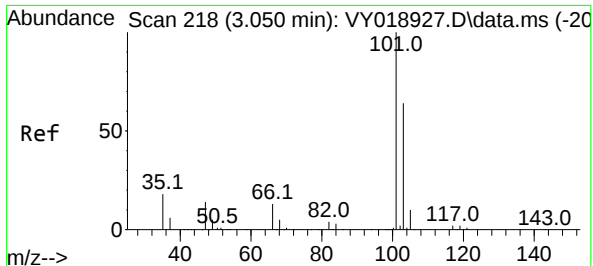
Tgt Ion: 94 Resp: 45358
Ion Ratio Lower Upper
94 100
96 93.9 74.1 111.1



#6
Chloroethane
Concen: 49.019 ug/l
RT: 2.726 min Scan# 165
Delta R.T. -0.006 min
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Tgt Ion: 64 Resp: 37400
Ion Ratio Lower Upper
64 100
66 34.2 26.1 39.1

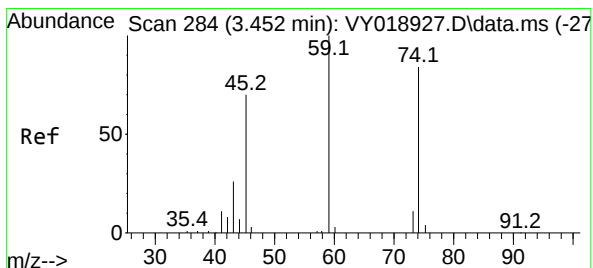
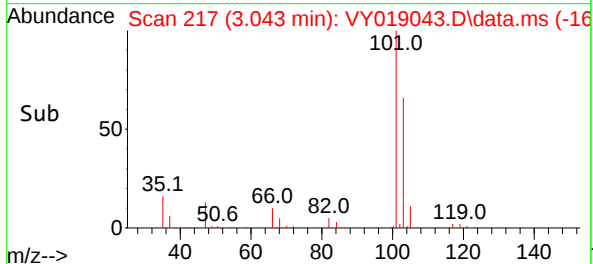
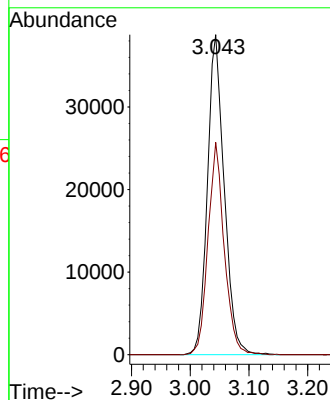
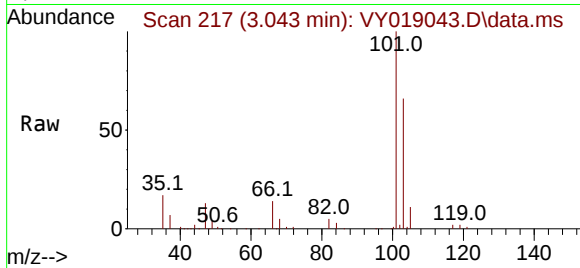




#7
 Trichlorofluoromethane
 Concen: 50.795 ug/l
 RT: 3.043 min Scan# 218
 Delta R.T. -0.006 min
 Lab File: VY019043.D
 Acq: 13 Aug 2024 20:50

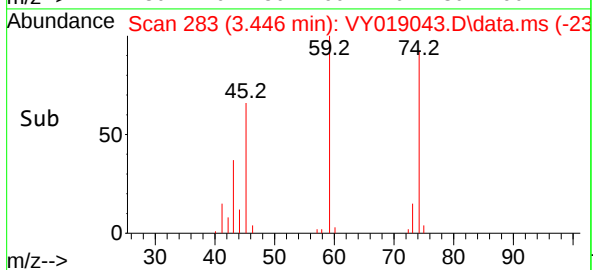
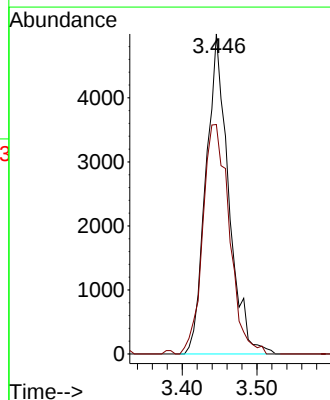
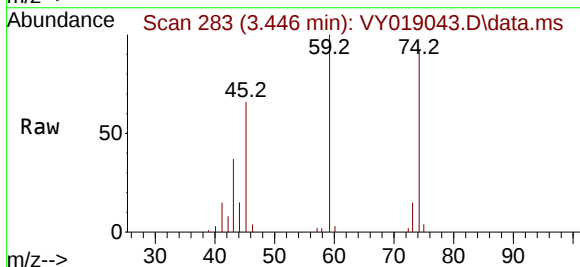
Instrument :
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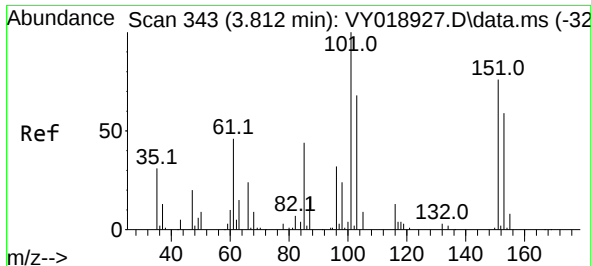
Tgt Ion:101 Resp: 76812
 Ion Ratio Lower Upper
 101 100
 103 66.4 49.3 73.9



#8
 Diethyl Ether
 Concen: 45.126 ug/l
 RT: 3.446 min Scan# 283
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 10519
 Ion Ratio Lower Upper
 74 100
 45 84.0 41.3 124.1

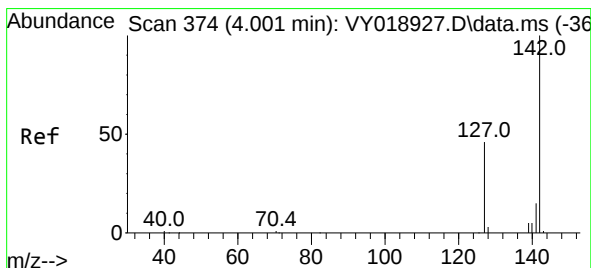
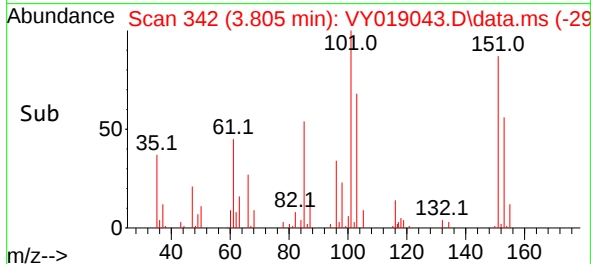
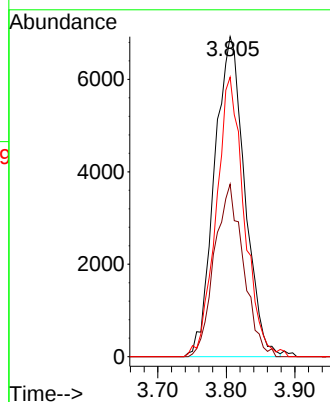
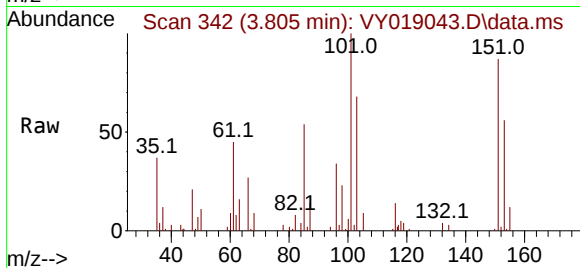




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.966 ug/l
RT: 3.805 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY019043.D
Acq: 13 Aug 2024 20:50

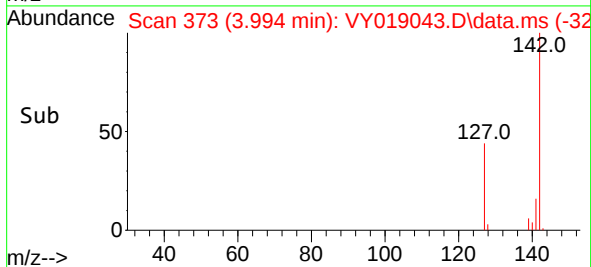
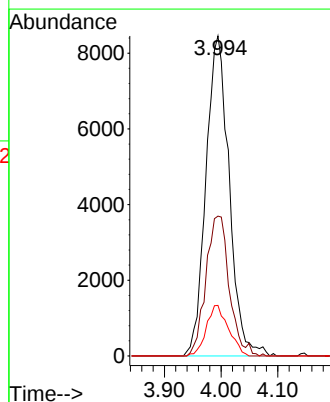
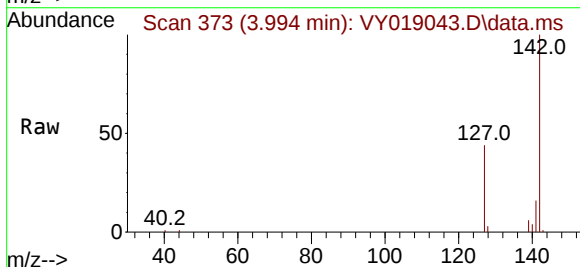
Instrument :
MSVOA_Y
ClientSampleId :
VSTDC050EC

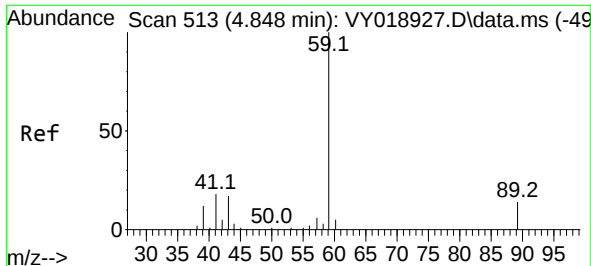
Tgt Ion:101	Resp:	21243
Ion	Ratio	Lower Upper
101	100	
85	51.5	34.5 51.7
151	81.1	61.7 92.5



#10
Methyl Iodide
Concen: 47.162 ug/l
RT: 3.994 min Scan# 373
Delta R.T. -0.006 min
Lab File: VY019043.D
Acq: 13 Aug 2024 20:50

Tgt Ion:142	Resp:	24059
Ion	Ratio	Lower Upper
142	100	
127	44.0	32.8 49.2
141	15.0	11.4 17.2

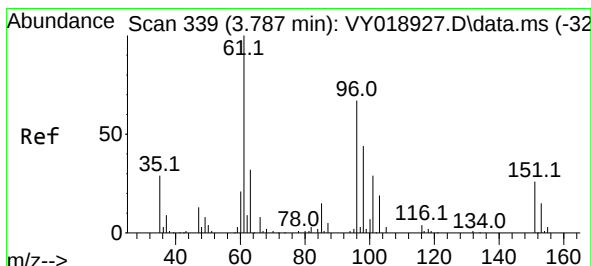
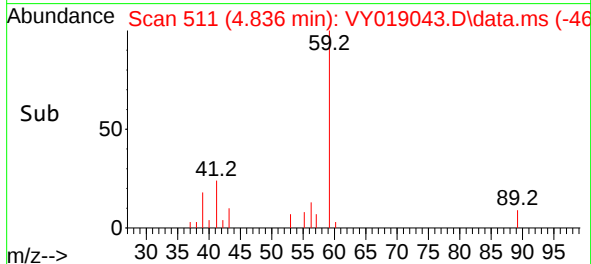
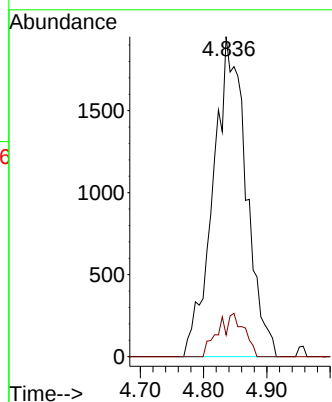
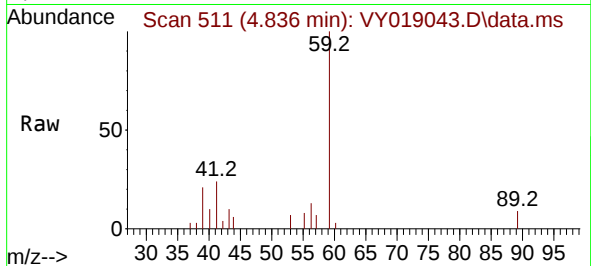




#11
Tert butyl alcohol
Concen: 171.301 ug/l
RT: 4.836 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY019043.D
Acq: 13 Aug 2024 20:50

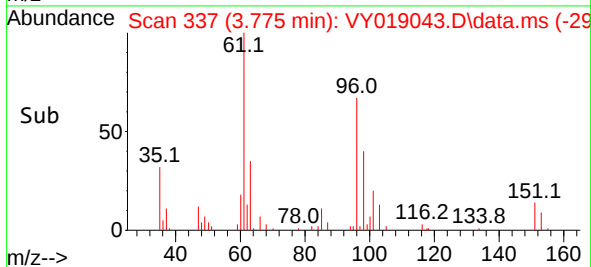
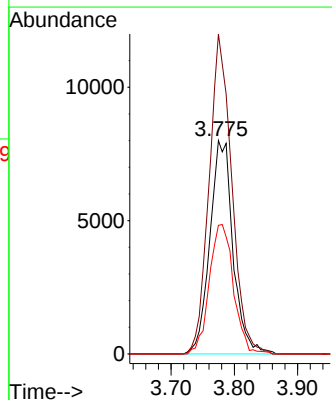
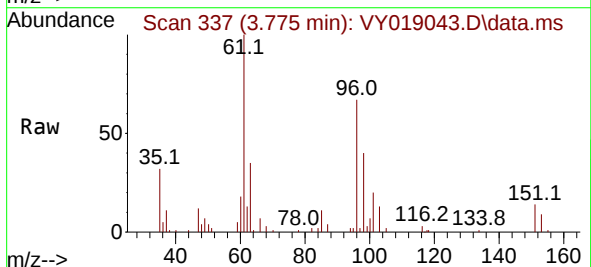
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

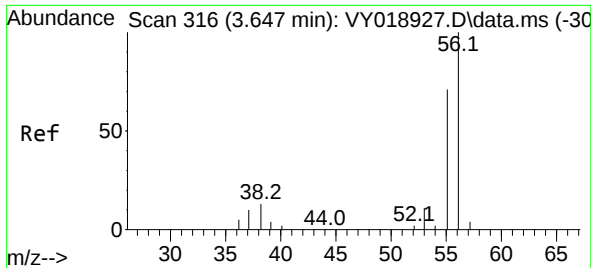
Tgt Ion: 59 Resp: 7038
Ion Ratio Lower Upper
59 100
57 10.7 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 45.741 ug/l
RT: 3.775 min Scan# 337
Delta R.T. -0.012 min
Lab File: VY019043.D
Acq: 13 Aug 2024 20:50

Tgt Ion: 96 Resp: 20415
Ion Ratio Lower Upper
96 100
61 149.9 114.6 171.8
98 60.3 50.8 76.2

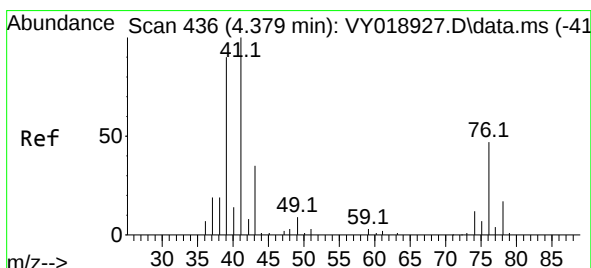
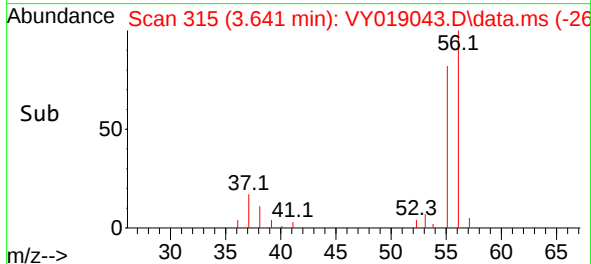
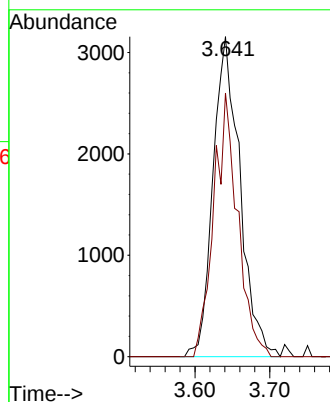
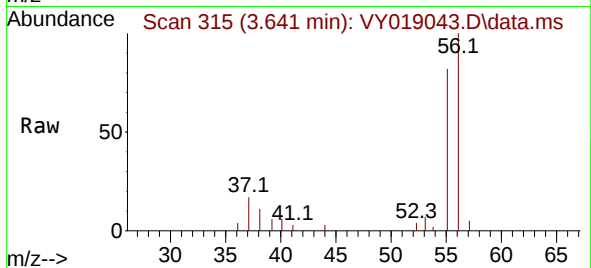




#13
Acrolein
Concen: 172.066 ug/l
RT: 3.641 min Scan# 316
Delta R.T. -0.006 min
Lab File: VY019043.D
Acq: 13 Aug 2024 20:50

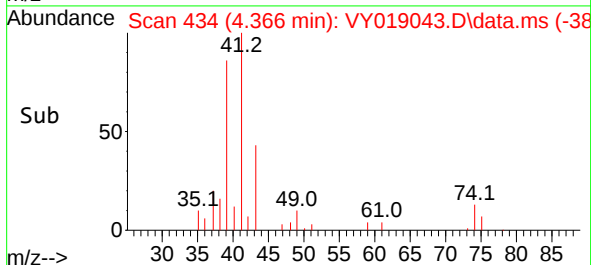
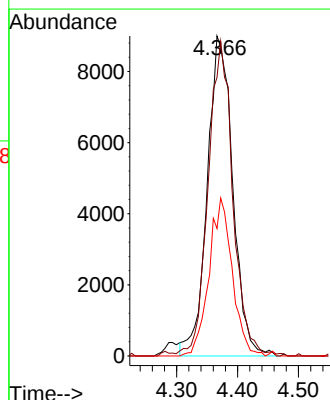
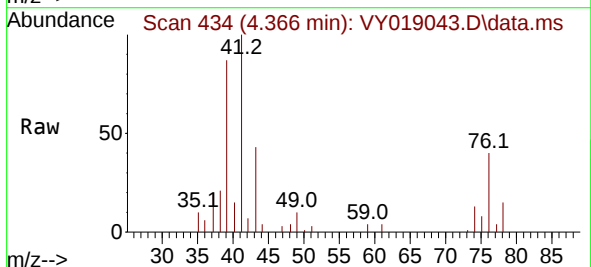
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

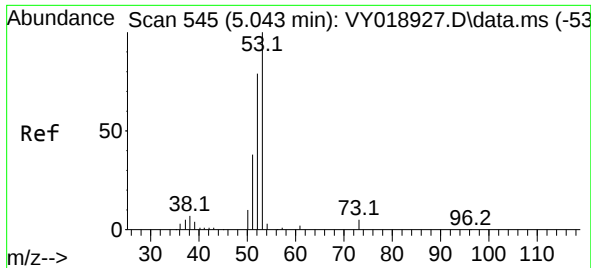
Tgt Ion: 56 Resp: 7886
Ion Ratio Lower Upper
56 100
55 73.1 55.7 83.5



#14
Allyl chloride
Concen: 43.875 ug/l
RT: 4.366 min Scan# 434
Delta R.T. -0.012 min
Lab File: VY019043.D
Acq: 13 Aug 2024 20:50

Tgt Ion: 41 Resp: 26190
Ion Ratio Lower Upper
41 100
39 95.7 58.3 87.5#
76 45.0 39.0 58.6

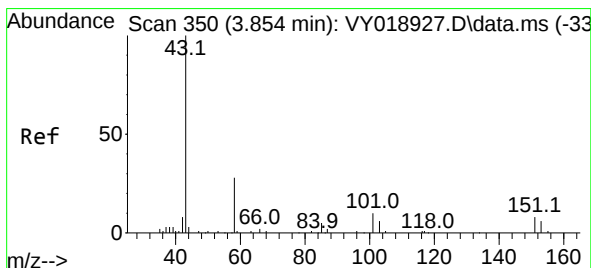
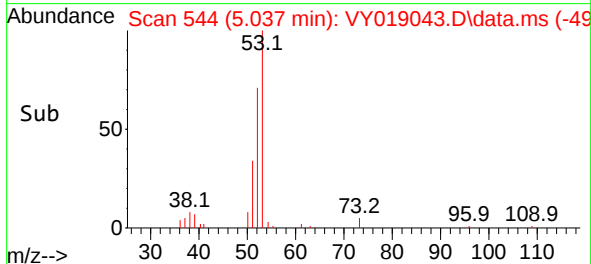
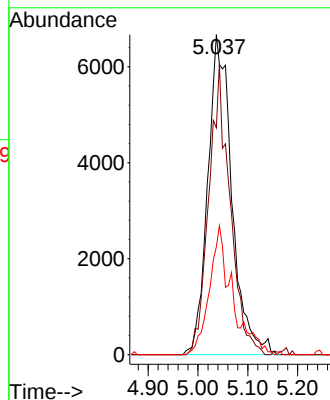
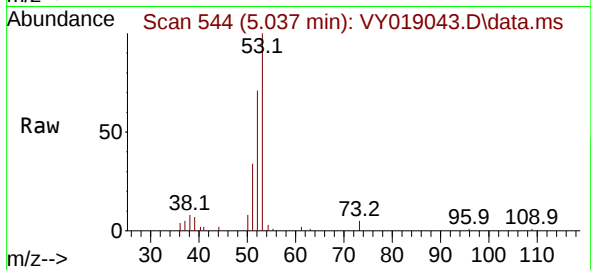




#15
Acrylonitrile
Concen: 244.726 ug/l
RT: 5.037 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY019043.D
Acq: 13 Aug 2024 20:50

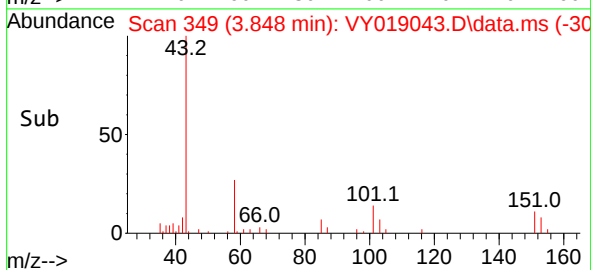
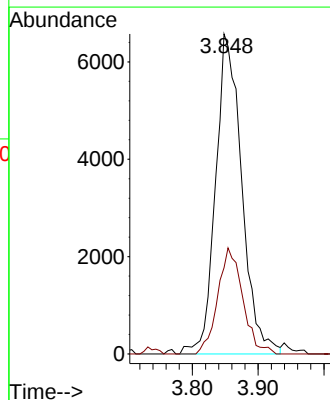
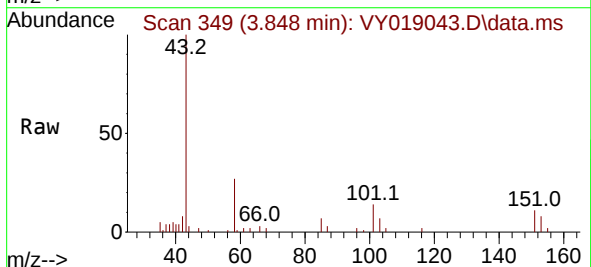
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

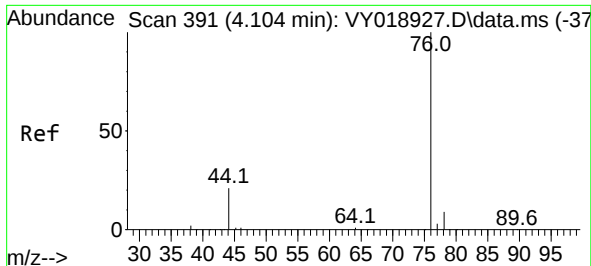
Tgt Ion:	53	Resp:	22364
Ion	Ratio	Lower	Upper
53	100		
52	79.5	64.7	97.1
51	38.3	28.4	42.6



#16
Acetone
Concen: 172.930 ug/l
RT: 3.848 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY019043.D
Acq: 13 Aug 2024 20:50

Tgt Ion:	43	Resp:	18225
Ion	Ratio	Lower	Upper
43	100		
58	27.0	31.7	47.5

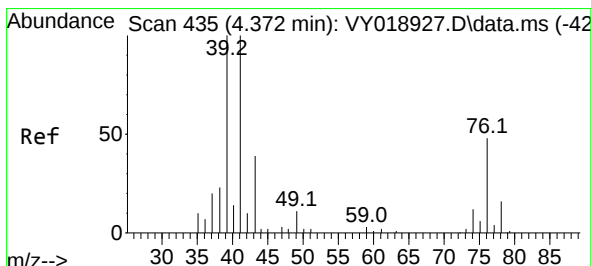
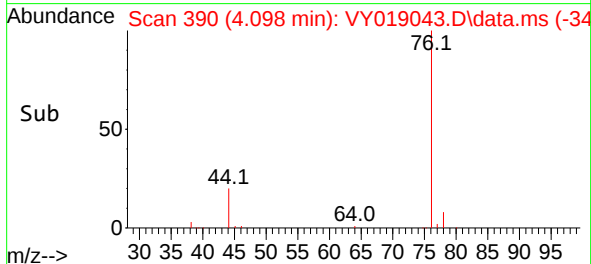
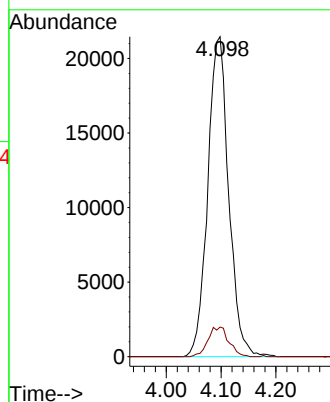
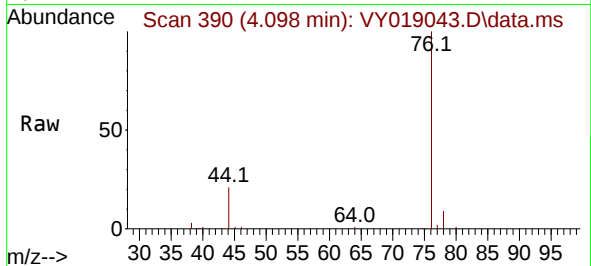




#17
Carbon Disulfide
Concen: 42.874 ug/l
RT: 4.098 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY019043.D
Acq: 13 Aug 2024 20:50

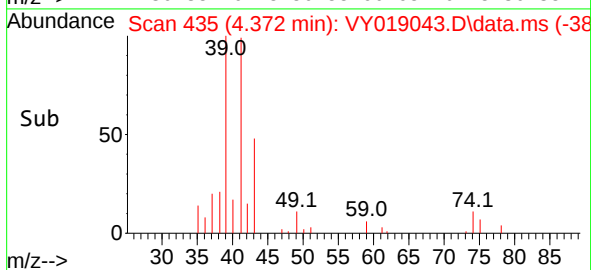
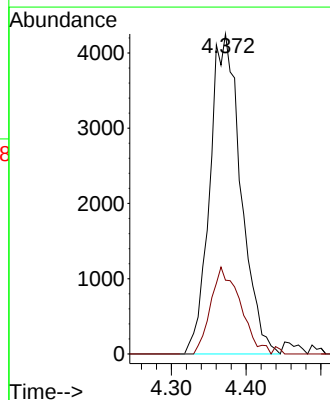
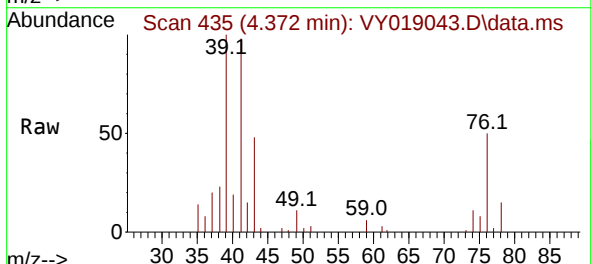
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 56883
Ion Ratio Lower Upper
76 100
78 9.3 6.8 10.2



#18
Methyl Acetate
Concen: 51.109 ug/l
RT: 4.372 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY019043.D
Acq: 13 Aug 2024 20:50

Tgt Ion: 43 Resp: 12285
Ion Ratio Lower Upper
43 100
74 25.9 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 44.025 ug/l

RT: 5.104 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY019043.D

Acq: 13 Aug 2024 20:50

Instrument :

MSVOA_Y

ClientSampleId :

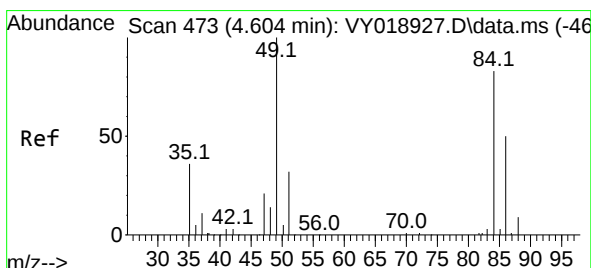
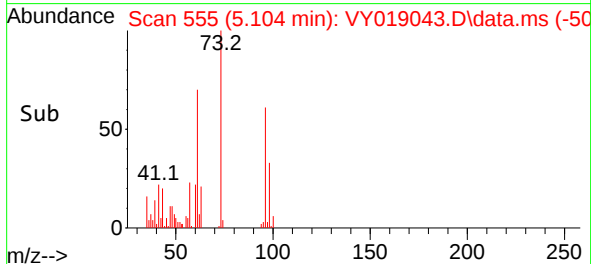
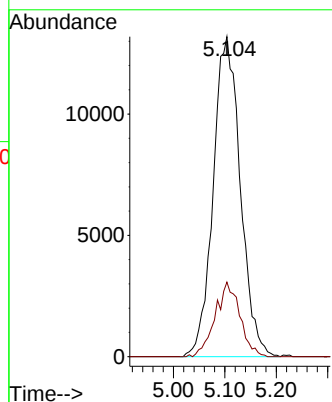
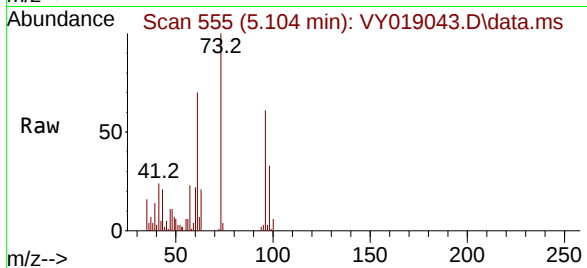
VSTDCCC050EC

Tgt Ion: 73 Resp: 48330

Ion Ratio Lower Upper

73 100

57 23.3 17.3 25.9



#20

Methylene Chloride

Concen: 48.524 ug/l

RT: 4.604 min Scan# 473

Delta R.T. -0.000 min

Lab File: VY019043.D

Acq: 13 Aug 2024 20:50

Tgt Ion: 84 Resp: 24250

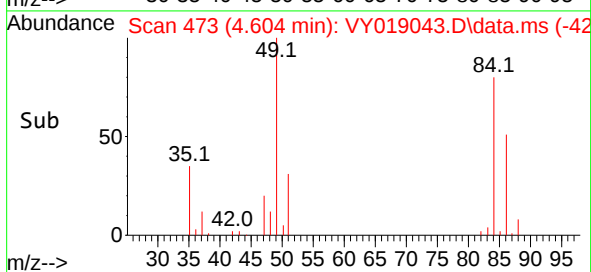
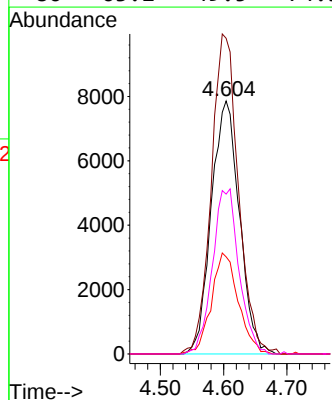
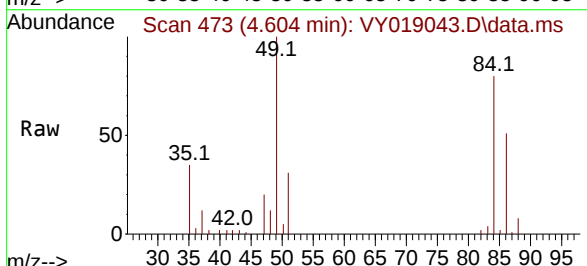
Ion Ratio Lower Upper

84 100

49 124.8 84.4 126.6

51 38.4 26.0 39.0

86 63.2 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 50.556 ug/l

RT: 5.104 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY019043.D

Acq: 13 Aug 2024 20:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

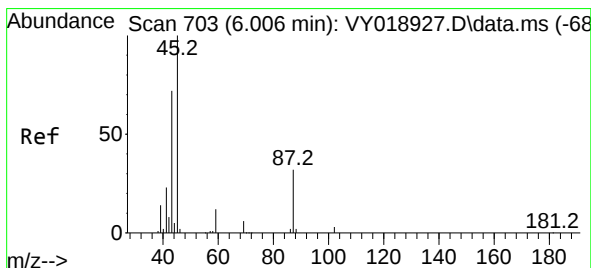
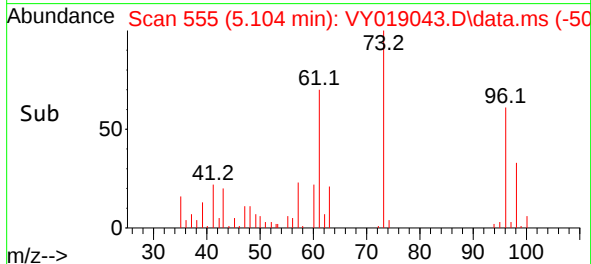
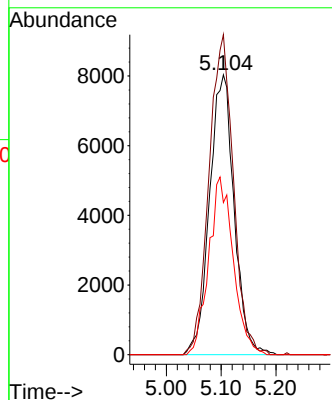
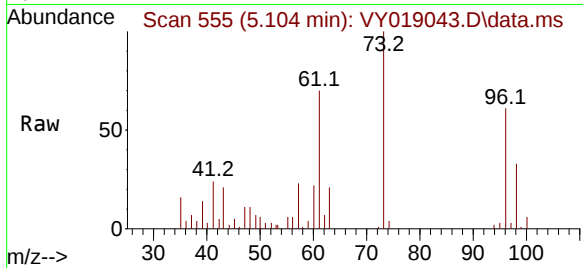
Tgt Ion: 96 Resp: 24966

Ion Ratio Lower Upper

96 100

61 114.4 97.5 146.3

98 54.4 50.5 75.7



#22

Diisopropyl ether

Concen: 48.303 ug/l

RT: 6.006 min Scan# 703

Delta R.T. -0.000 min

Lab File: VY019043.D

Acq: 13 Aug 2024 20:50

Tgt Ion: 45 Resp: 62855

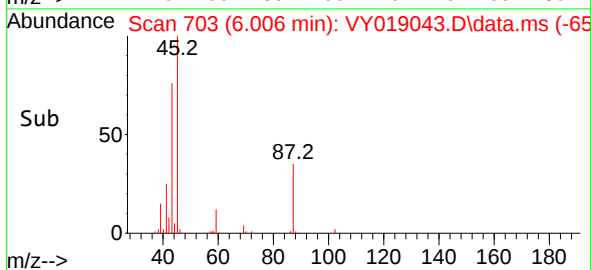
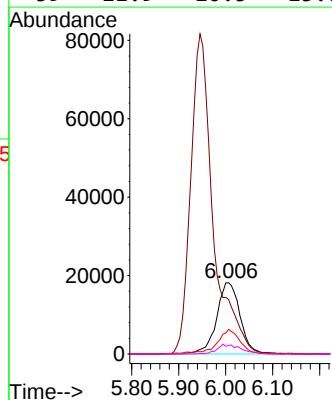
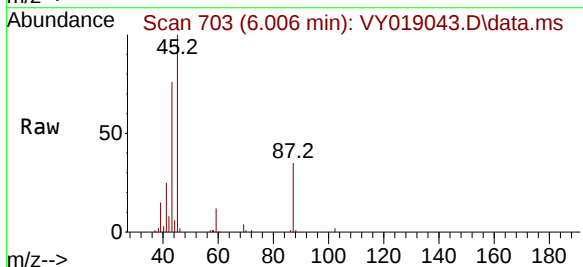
Ion Ratio Lower Upper

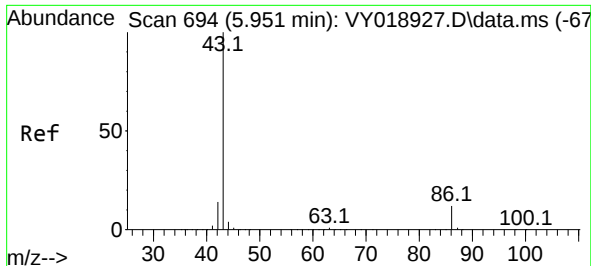
45 100

43 75.0 42.2 63.2#

87 34.6 25.0 37.6

59 11.9 10.5 15.7

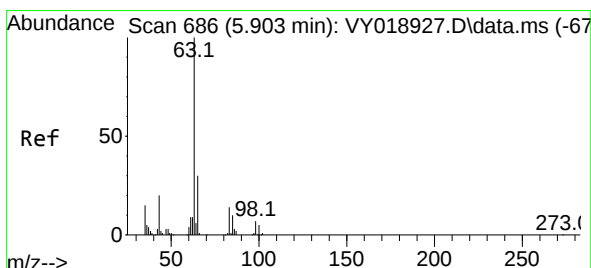
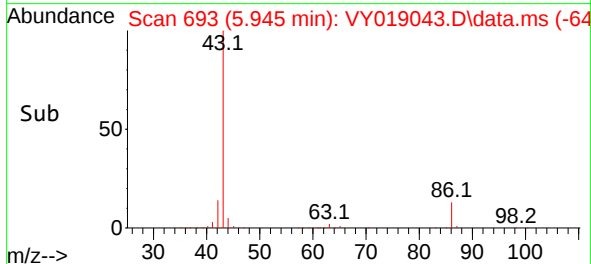
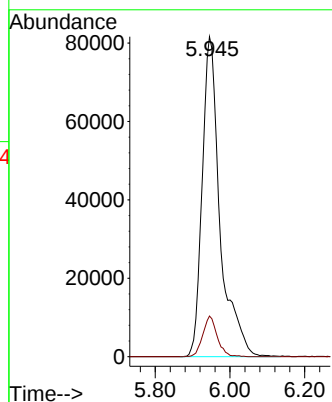
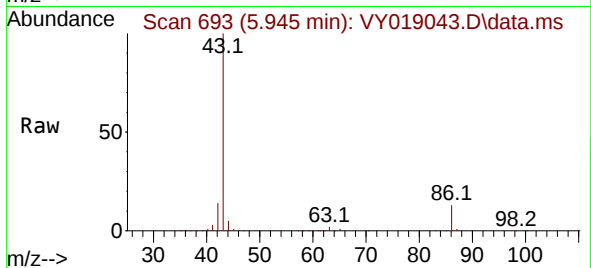




#23
 Vinyl Acetate
 Concen: 241.021 ug/l
 RT: 5.945 min Scan# 694
 Delta R.T. -0.006 min
 Lab File: VY019043.D
 Acq: 13 Aug 2024 20:50

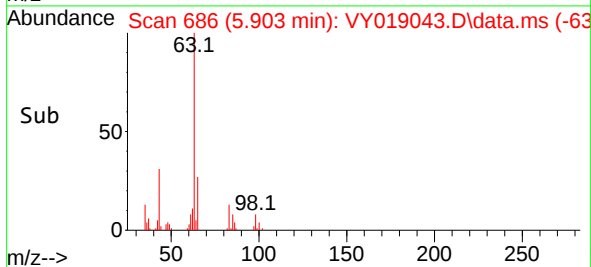
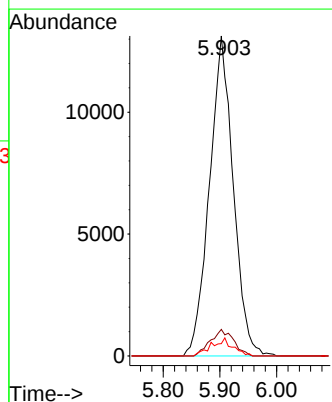
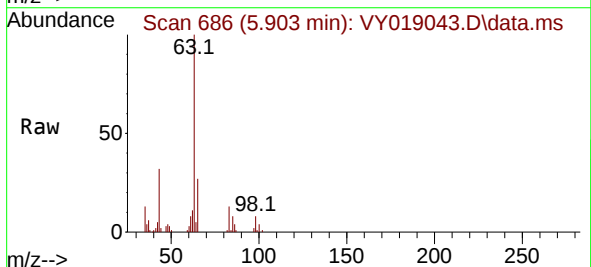
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

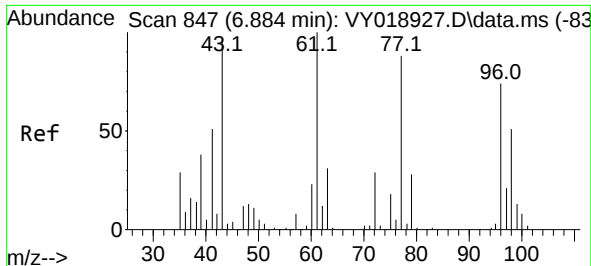
Tgt Ion: 43 Resp: 270674
 Ion Ratio Lower Upper
 43 100
 86 12.7 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 47.958 ug/l
 RT: 5.903 min Scan# 686
 Delta R.T. -0.000 min
 Lab File: VY019043.D
 Acq: 13 Aug 2024 20:50

Tgt Ion: 63 Resp: 38285
 Ion Ratio Lower Upper
 63 100
 98 8.3 4.0 12.2
 100 3.8 2.6 8.0

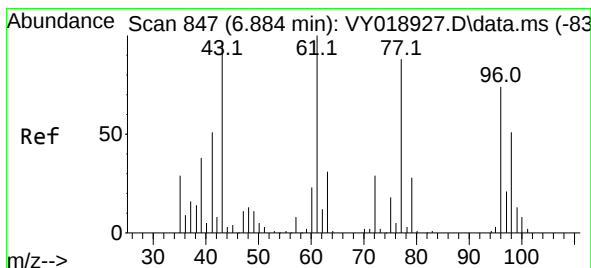
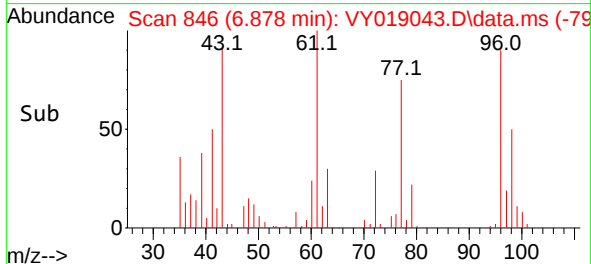
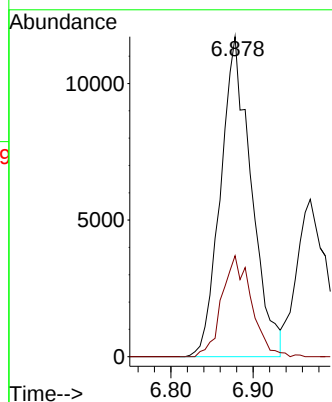
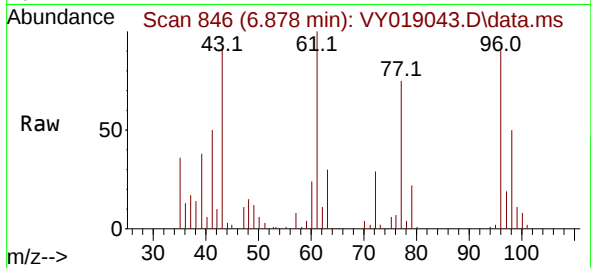




#25
2-Butanone
Concen: 217.423 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY019043.D
Acq: 13 Aug 2024 20:50

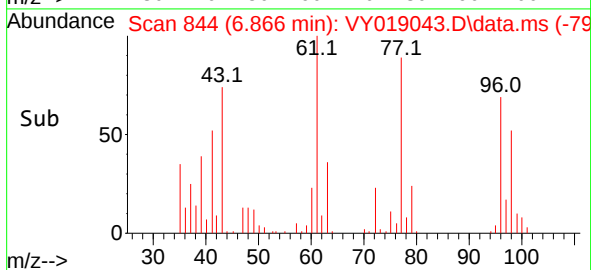
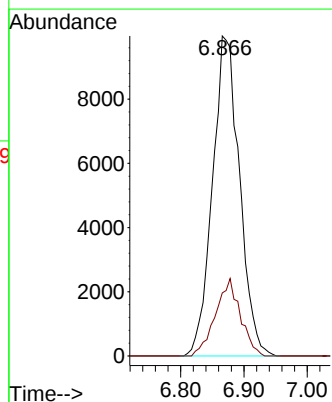
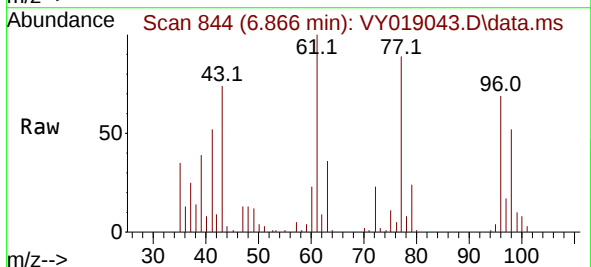
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

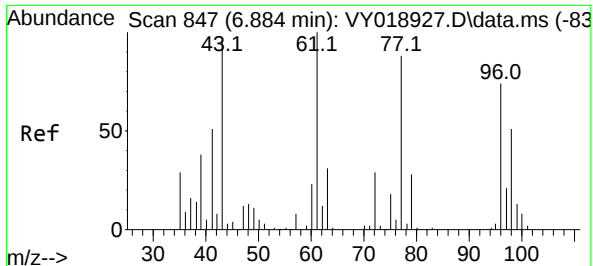
Tgt Ion: 43 Resp: 30445
Ion Ratio Lower Upper
43 100
72 31.6 27.3 40.9



#26
2,2-Dichloropropane
Concen: 39.378 ug/l
RT: 6.866 min Scan# 844
Delta R.T. -0.018 min
Lab File: VY019043.D
Acq: 13 Aug 2024 20:50

Tgt Ion: 77 Resp: 29587
Ion Ratio Lower Upper
77 100
97 22.2 12.0 36.1

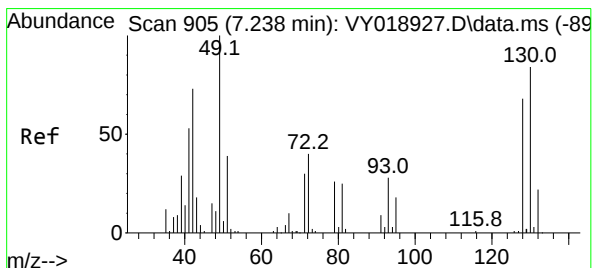
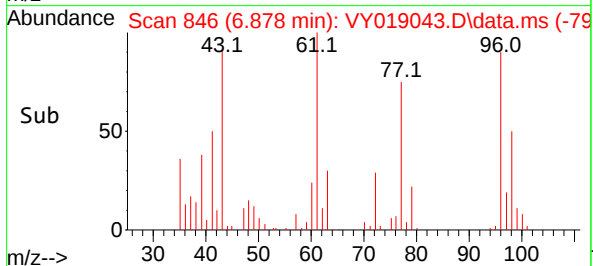
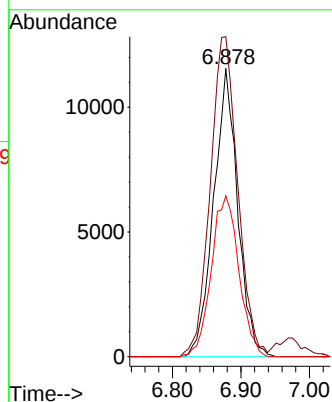
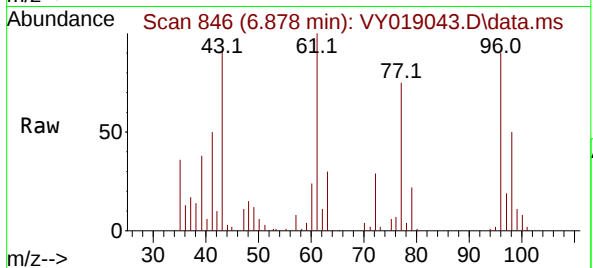




#27
cis-1,2-Dichloroethene
Concen: 47.638 ug/l
RT: 6.878 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY019043.D
Acq: 13 Aug 2024 20:50

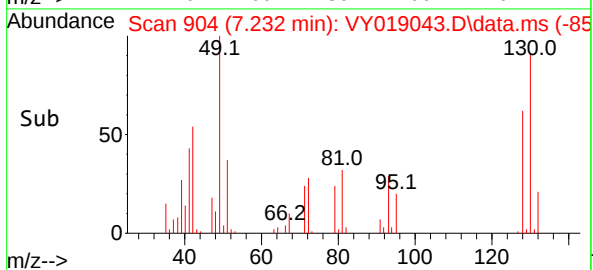
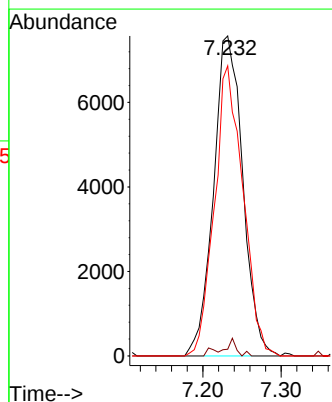
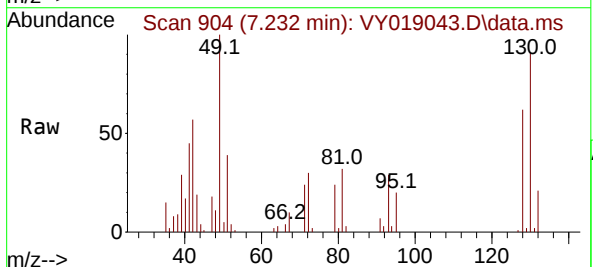
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 28147
Ion Ratio Lower Upper
96 100
61 126.8 0.0 256.2
98 63.8 0.0 130.0



#28
Bromochloromethane
Concen: 53.482 ug/l
RT: 7.232 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY019043.D
Acq: 13 Aug 2024 20:50

Tgt Ion: 49 Resp: 19656
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.6
130 88.4 72.7 109.1





#29

Tetrahydrofuran

Concen: 245.680 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY019043.D

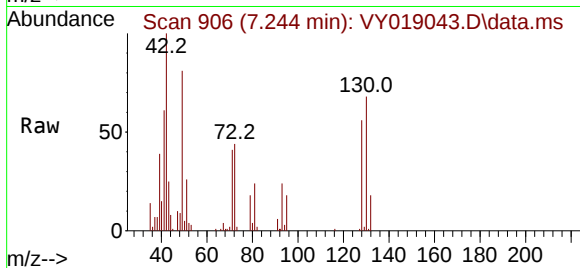
Acq: 13 Aug 2024 20:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



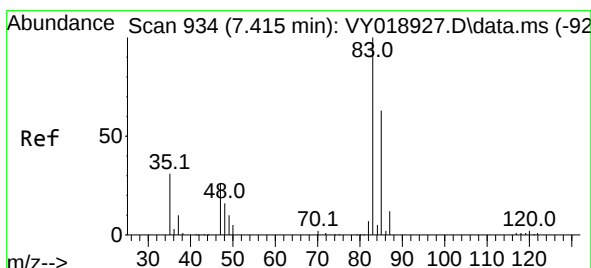
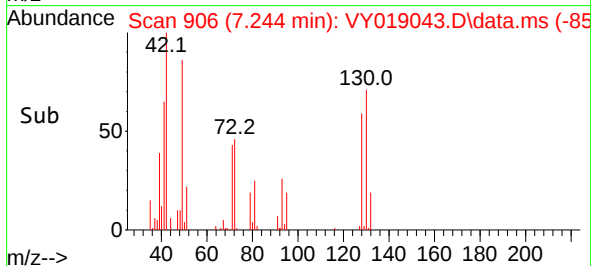
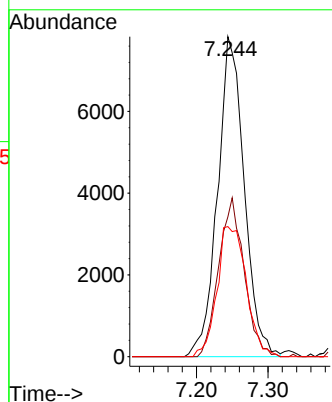
Tgt Ion: 42 Resp: 20285

Ion Ratio Lower Upper

42 100

72 47.5 43.0 64.4

71 44.6 40.8 61.2



#30

Chloroform

Concen: 50.276 ug/l

RT: 7.408 min Scan# 933

Delta R.T. -0.006 min

Lab File: VY019043.D

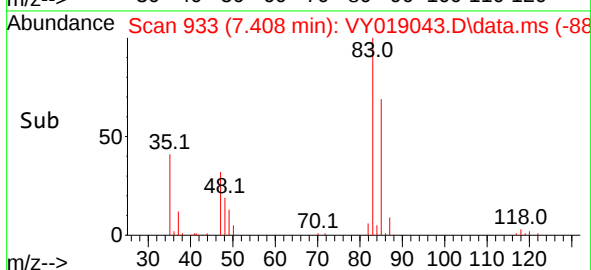
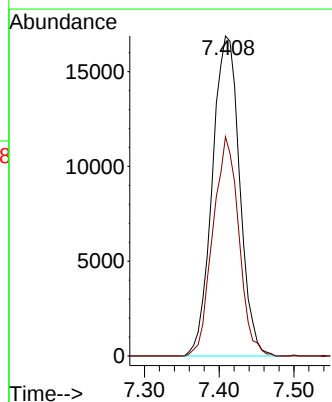
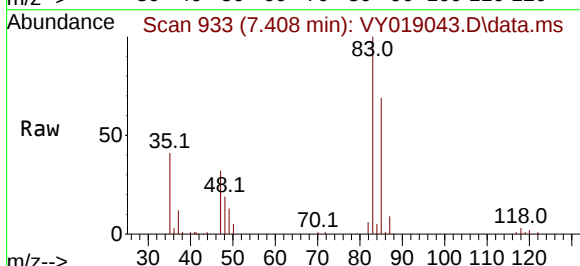
Acq: 13 Aug 2024 20:50

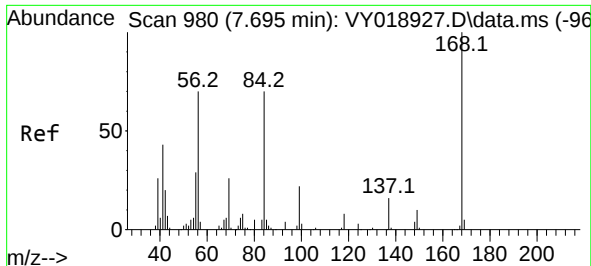
Tgt Ion: 83 Resp: 42933

Ion Ratio Lower Upper

83 100

85 68.5 52.2 78.4

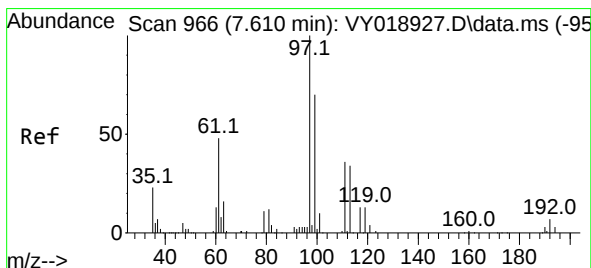
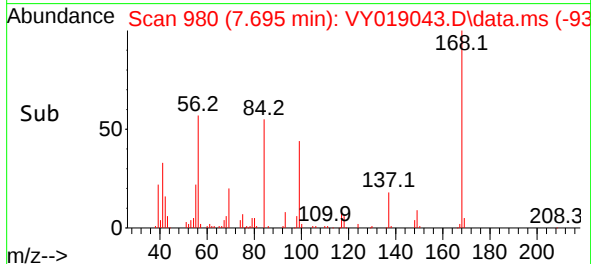
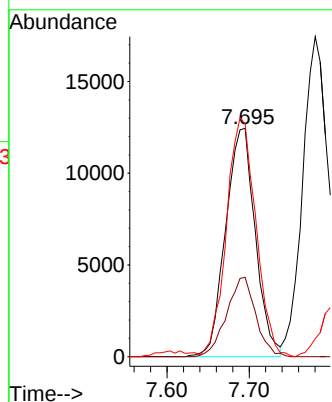
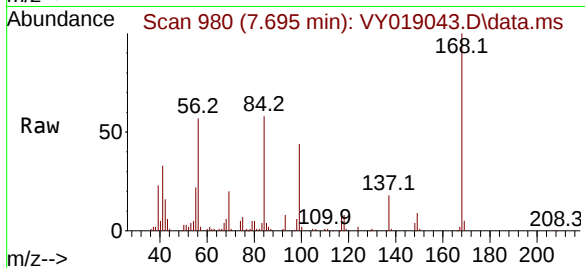




#31
Cyclohexane
Concen: 45.860 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019043.D
Acq: 13 Aug 2024 20:50

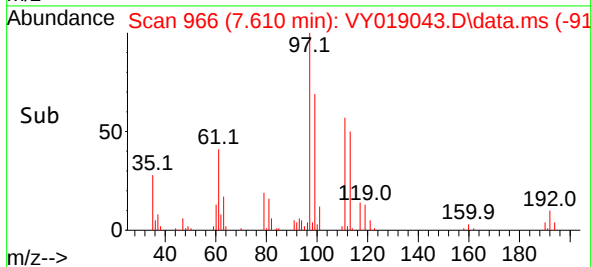
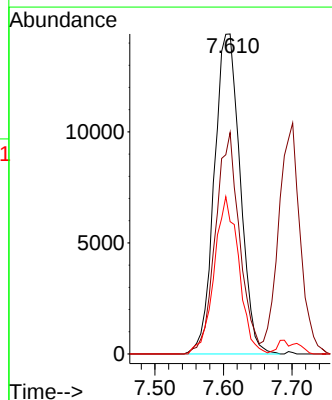
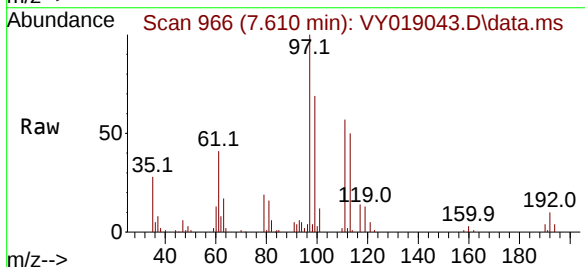
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 31226
Ion Ratio Lower Upper
56 100
69 34.8 28.7 43.1
84 100.1 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 48.782 ug/l
RT: 7.610 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY019043.D
Acq: 13 Aug 2024 20:50

Tgt Ion: 97 Resp: 37655
Ion Ratio Lower Upper
97 100
99 64.6 50.3 75.5
61 46.9 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 51.367 ug/l

RT: 8.049 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY019043.D

Acq: 13 Aug 2024 20:50

Instrument :

MSVOA_Y

ClientSampleId :

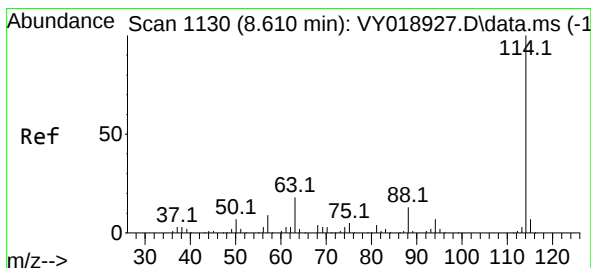
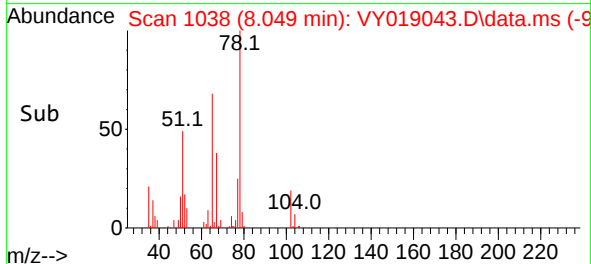
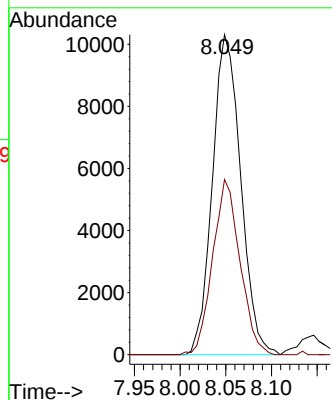
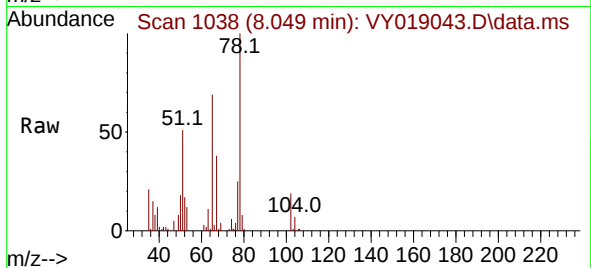
VSTDCCC050EC

Tgt Ion: 65 Resp: 22215

Ion Ratio Lower Upper

65 100

67 52.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VY019043.D

Acq: 13 Aug 2024 20:50

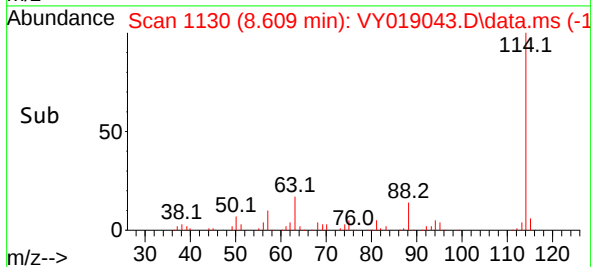
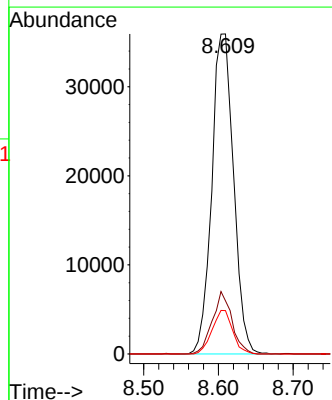
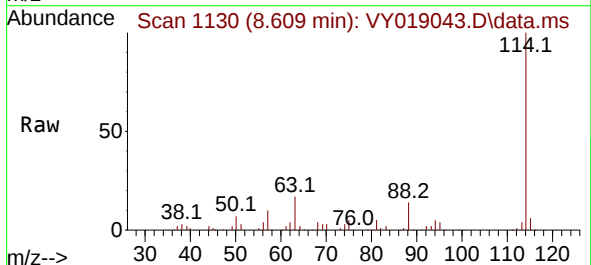
Tgt Ion: 114 Resp: 72909

Ion Ratio Lower Upper

114 100

63 16.6 0.0 35.0

88 13.5 0.0 27.2

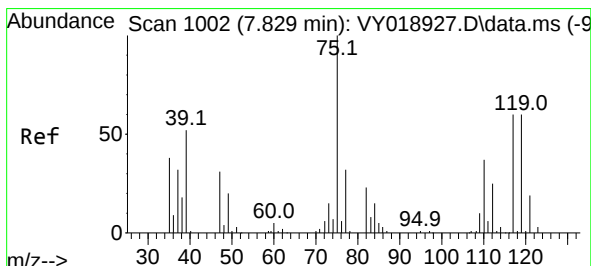
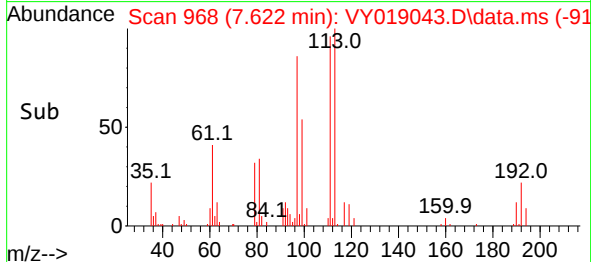
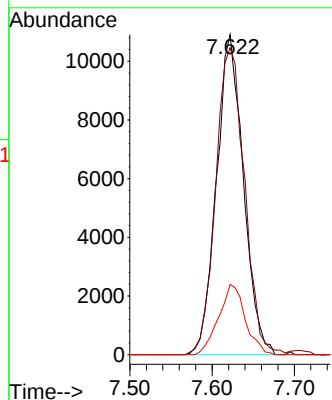
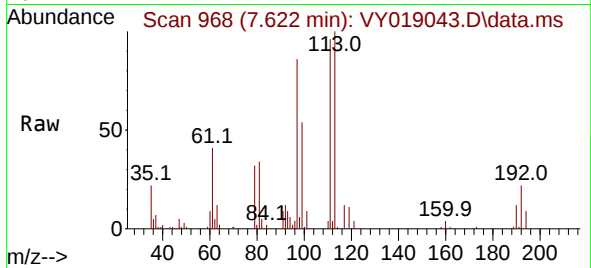




#35
Dibromofluoromethane
Concen: 53.232 ug/l
RT: 7.622 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019043.D
Acq: 13 Aug 2024 20:50

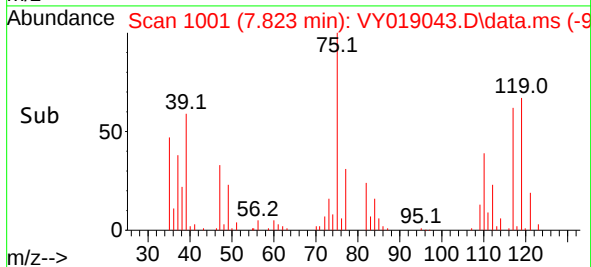
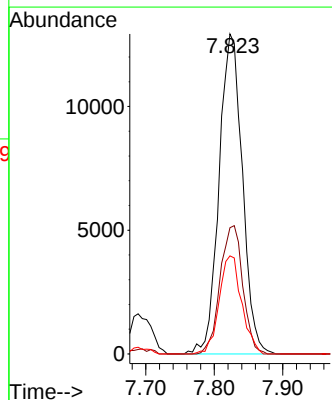
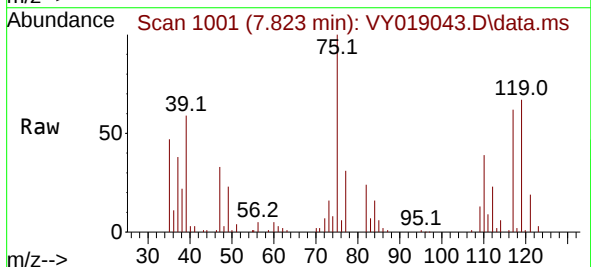
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

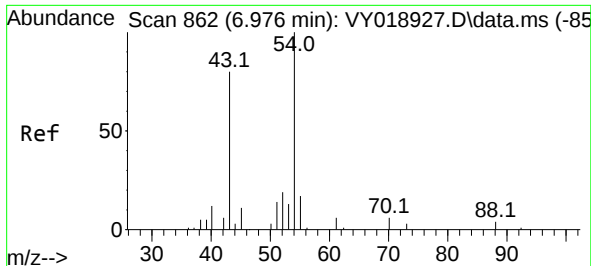
Tgt Ion:113 Resp: 24788
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.4
192 21.7 15.9 23.9



#36
1,1-Dichloropropene
Concen: 48.786 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. -0.006 min
Lab File: VY019043.D
Acq: 13 Aug 2024 20:50

Tgt Ion: 75 Resp: 30495
Ion Ratio Lower Upper
75 100
110 39.0 19.0 57.0
77 29.5 25.3 37.9





#37

Ethyl Acetate

Concen: 51.591 ug/l

RT: 6.969 min Scan# 861

Delta R.T. -0.006 min

Lab File: VY019043.D

Acq: 13 Aug 2024 20:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

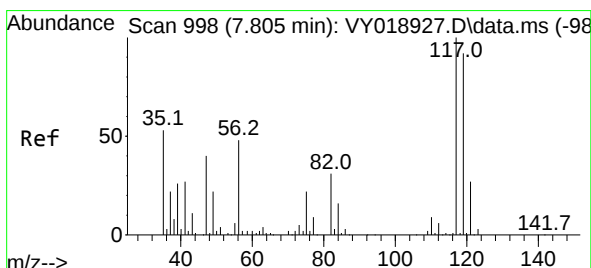
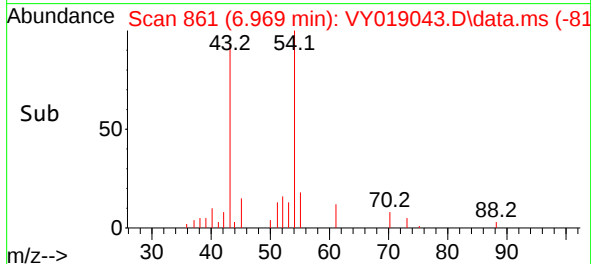
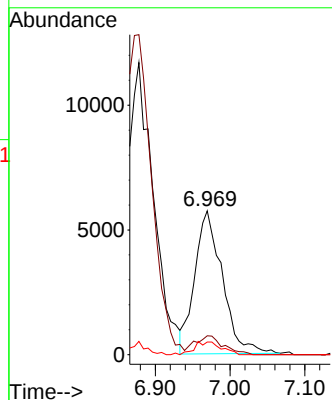
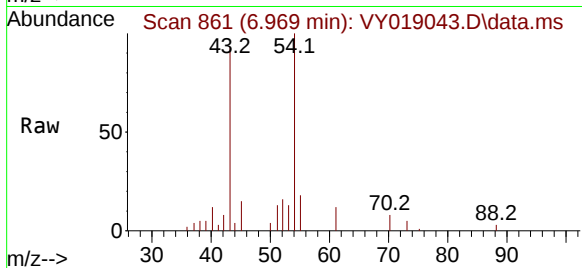
Tgt Ion: 43 Resp: 14740

Ion Ratio Lower Upper

43 100

61 13.6 12.6 19.0

70 8.8 7.8 11.8



#38

Carbon Tetrachloride

Concen: 49.714 ug/l

RT: 7.805 min Scan# 998

Delta R.T. -0.000 min

Lab File: VY019043.D

Acq: 13 Aug 2024 20:50

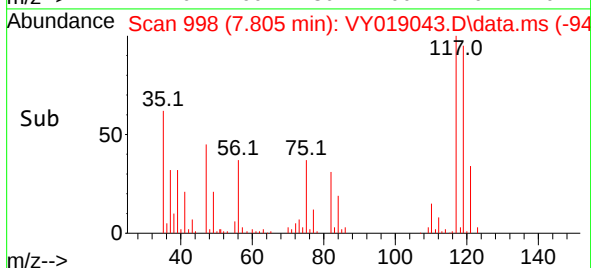
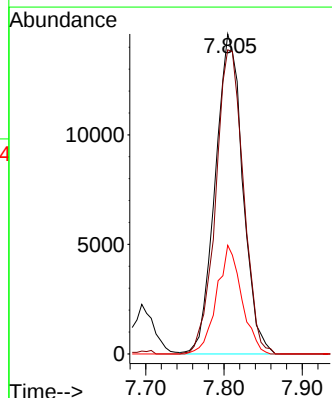
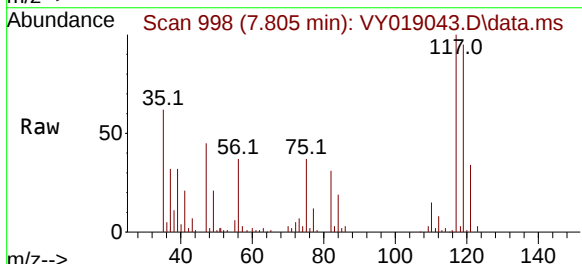
Tgt Ion: 117 Resp: 35630

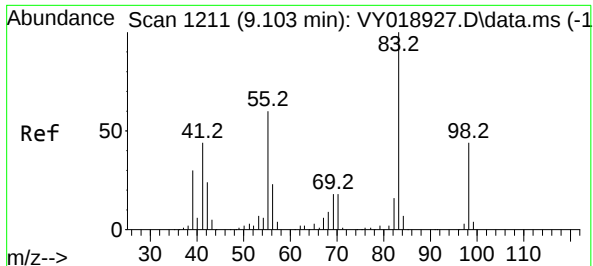
Ion Ratio Lower Upper

117 100

119 95.1 75.8 113.6

121 34.0 24.0 36.0





#39

Methylcyclohexane

Concen: 46.032 ug/l

RT: 9.103 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY019043.D

Acq: 13 Aug 2024 20:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

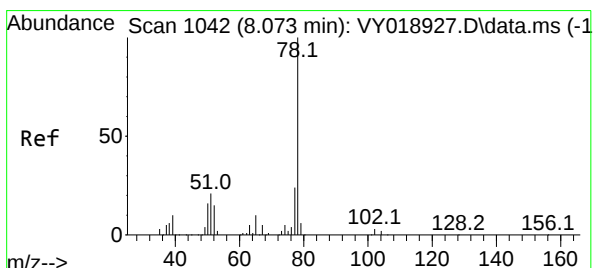
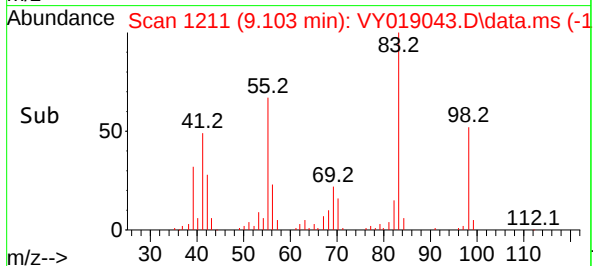
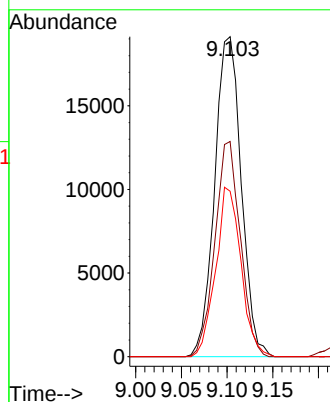
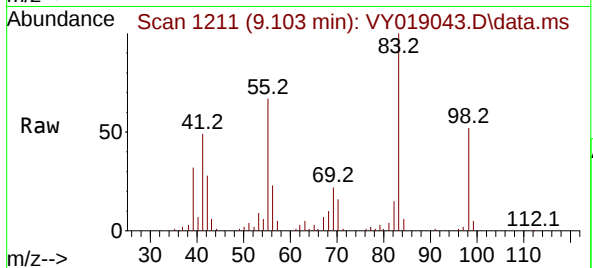
Tgt Ion: 83 Resp: 38731

Ion Ratio Lower Upper

83 100

55 67.2 51.5 77.3

98 51.7 40.5 60.7



#40

Benzene

Concen: 50.770 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VY019043.D

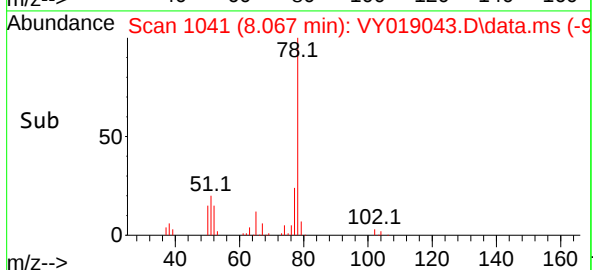
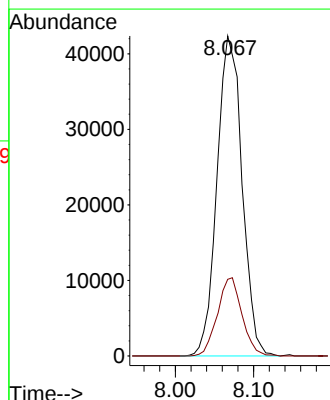
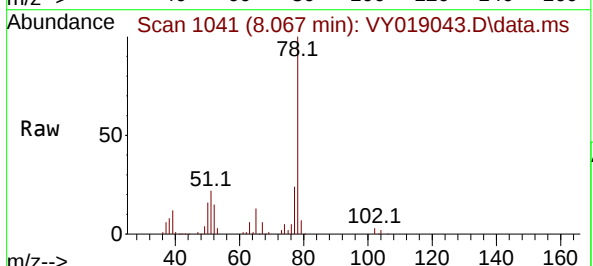
Acq: 13 Aug 2024 20:50

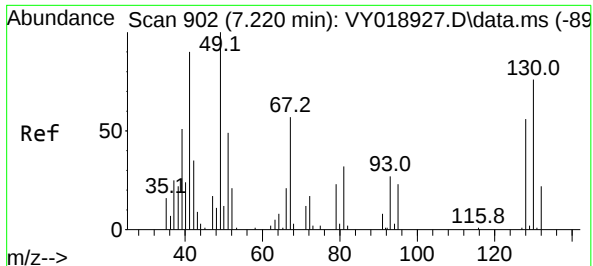
Tgt Ion: 78 Resp: 94357

Ion Ratio Lower Upper

78 100

77 24.0 19.5 29.3

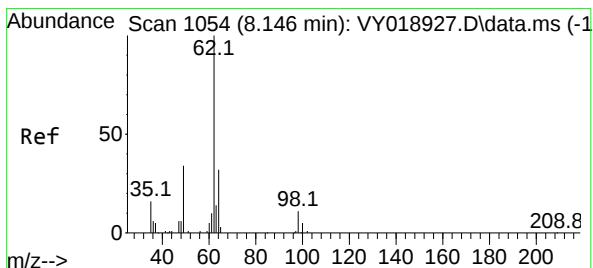
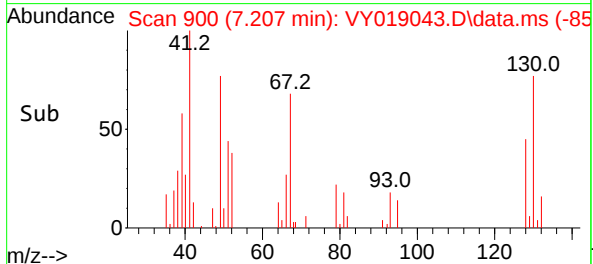
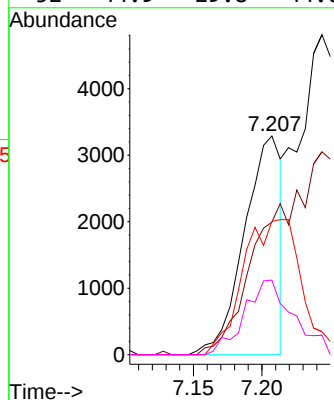
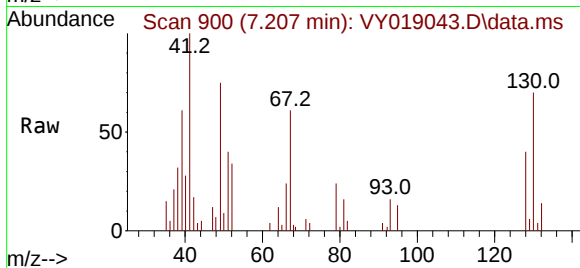




#41
Methacrylonitrile
Concen: 48.257 ug/l
RT: 7.207 min Scan# 901
Delta R.T. -0.012 min
Lab File: VY019043.D
Acq: 13 Aug 2024 20:50

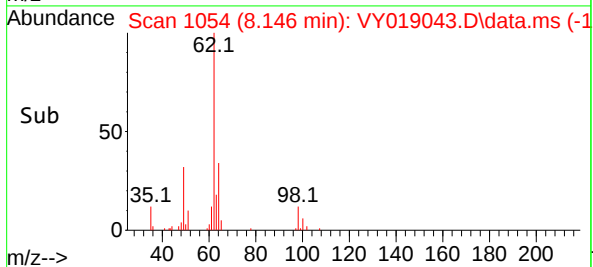
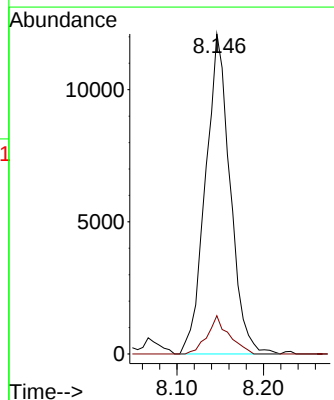
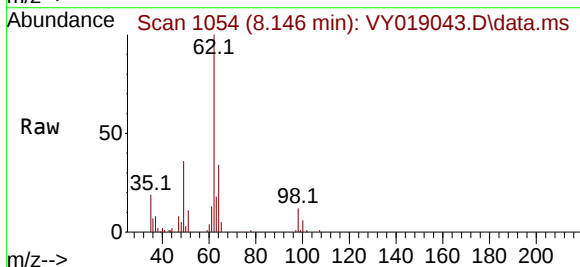
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

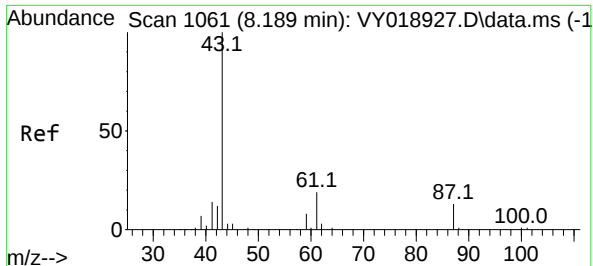
Tgt Ion: 41 Resp: 6173
Ion Ratio Lower Upper
41 100
39 0.0 48.0 72.0#
67 97.2 75.1 112.7
52 44.9 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 51.745 ug/l
RT: 8.146 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VY019043.D
Acq: 13 Aug 2024 20:50

Tgt Ion: 62 Resp: 23941
Ion Ratio Lower Upper
62 100
98 10.5 0.0 22.0

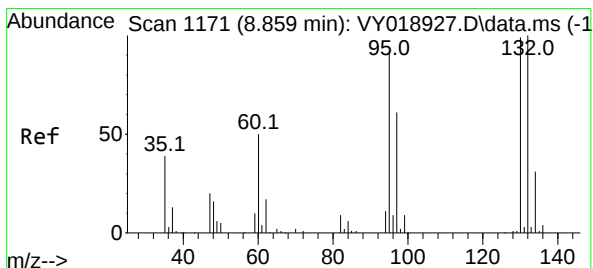
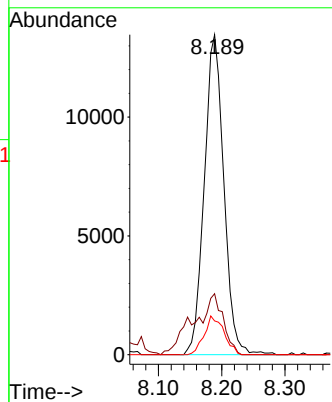
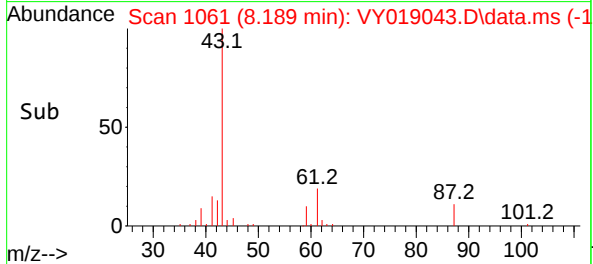
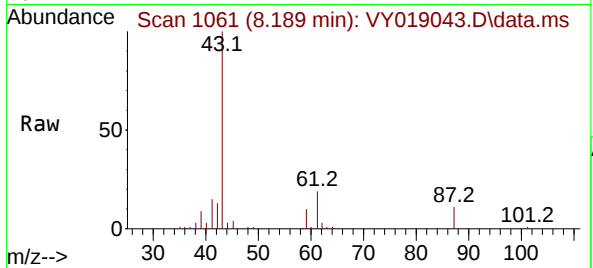




#43
Isopropyl Acetate
Concen: 49.786 ug/l
RT: 8.189 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VY019043.D
Acq: 13 Aug 2024 20:50

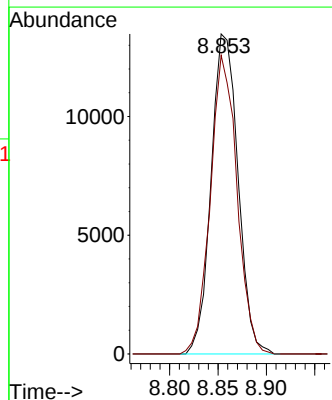
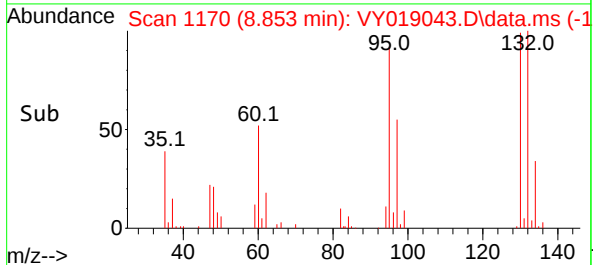
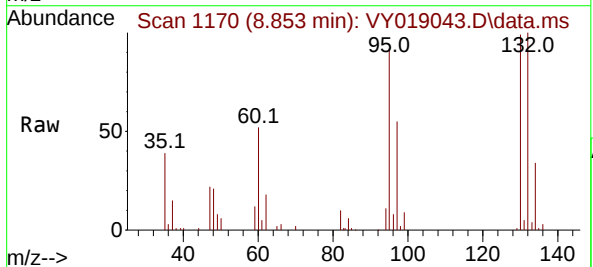
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 28928
Ion Ratio Lower Upper
43 100
61 15.6 27.9 41.9#
87 12.2 13.1 19.7#



#44
Trichloroethene
Concen: 49.235 ug/l
RT: 8.853 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VY019043.D
Acq: 13 Aug 2024 20:50

Tgt Ion: 130 Resp: 26083
Ion Ratio Lower Upper
130 100
95 93.3 0.0 188.0





#45

1,2-Dichloropropane

Concen: 48.920 ug/l

RT: 9.134 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019043.D

Acq: 13 Aug 2024 20:50

Instrument :

MSVOA_Y

ClientSampleId :

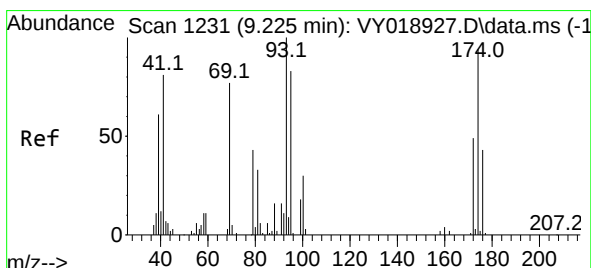
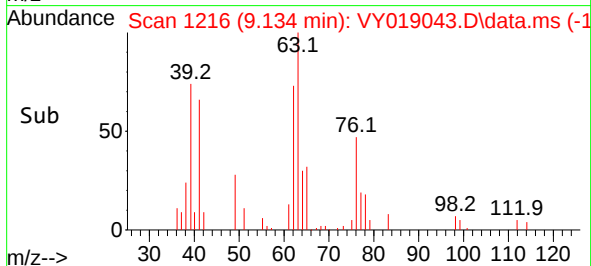
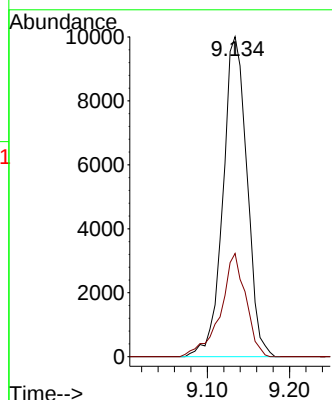
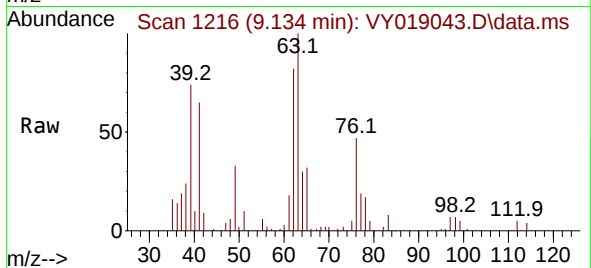
VSTDCCC050EC

Tgt Ion: 63 Resp: 20344

Ion Ratio Lower Upper

63 100

65 32.2 25.4 38.2



#46

Dibromomethane

Concen: 56.404 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. -0.006 min

Lab File: VY019043.D

Acq: 13 Aug 2024 20:50

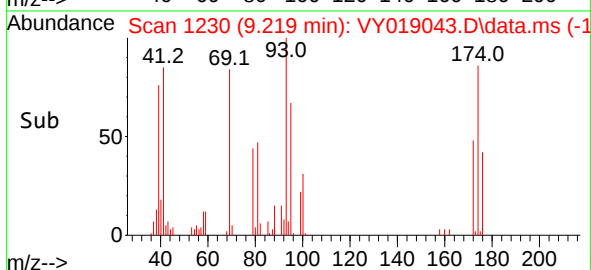
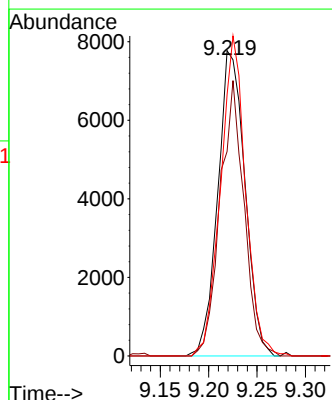
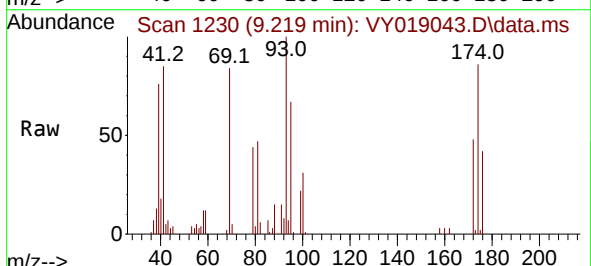
Tgt Ion: 93 Resp: 15156

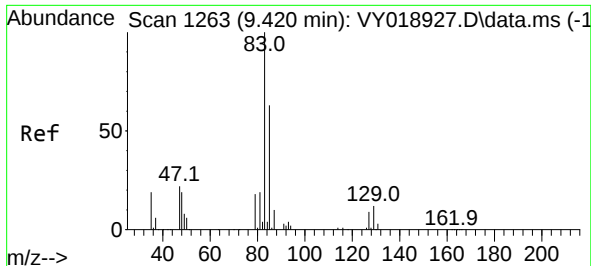
Ion Ratio Lower Upper

93 100

95 79.3 66.2 99.4

174 96.5 80.9 121.3

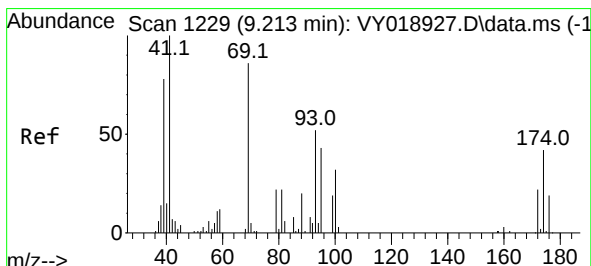
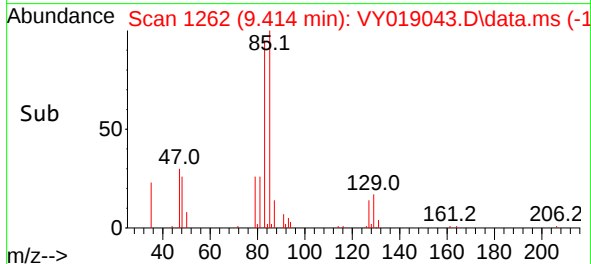
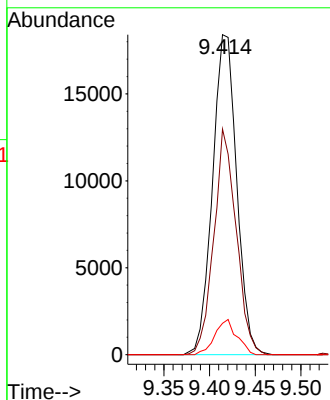
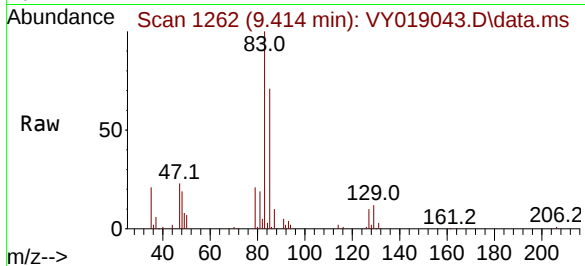




#47
Bromodichloromethane
Concen: 53.828 ug/l
RT: 9.414 min Scan# 1262
Delta R.T. -0.006 min
Lab File: VY019043.D
Acq: 13 Aug 2024 20:50

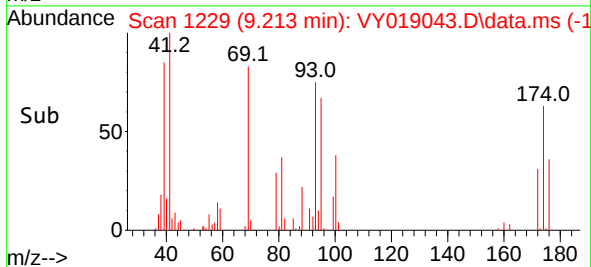
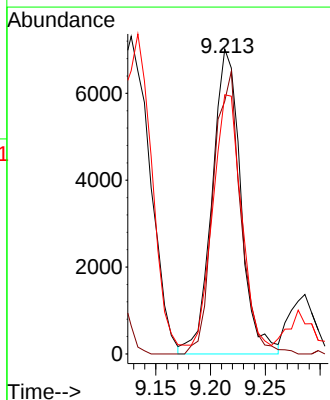
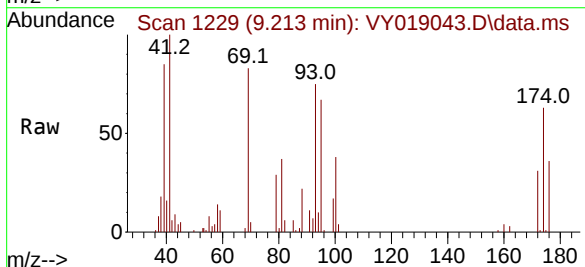
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

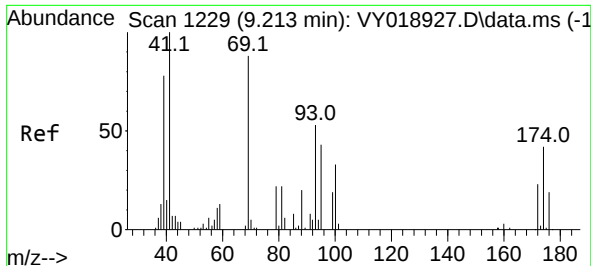
Tgt Ion:	83	Resp:	33847
Ion	Ratio	Lower	Upper
83	100		
85	70.5	50.1	75.1
127	9.8	7.4	11.0



#48
Methyl methacrylate
Concen: 50.159 ug/l
RT: 9.213 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VY019043.D
Acq: 13 Aug 2024 20:50

Tgt Ion:	41	Resp:	12732
Ion	Ratio	Lower	Upper
41	100		
69	88.9	84.1	126.1
39	82.2	43.6	65.4





#49

1,4-Dioxane

Concen: 1021.234 ug/l

RT: 9.213 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VY019043.D

Acq: 13 Aug 2024 20:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

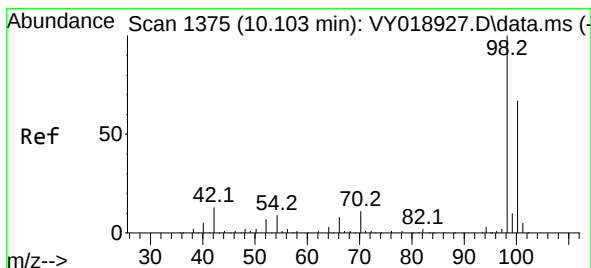
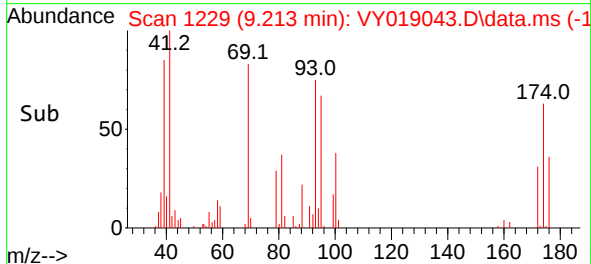
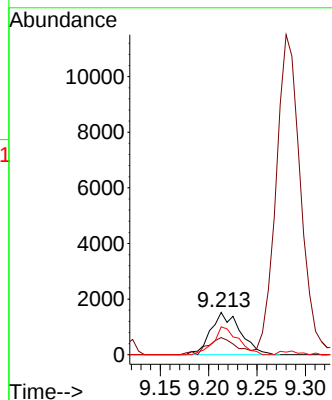
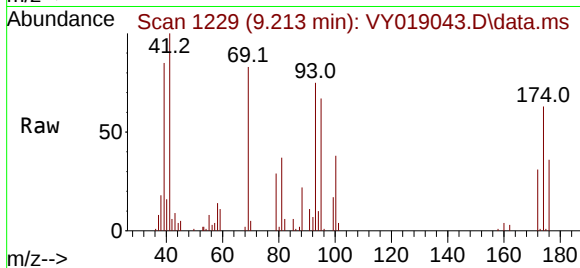
Tgt Ion: 88 Resp: 3242

Ion Ratio Lower Upper

88 100

43 38.7 0.0 0.0#

58 54.3 49.3 73.9



#50

Toluene-d8

Concen: 50.829 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY019043.D

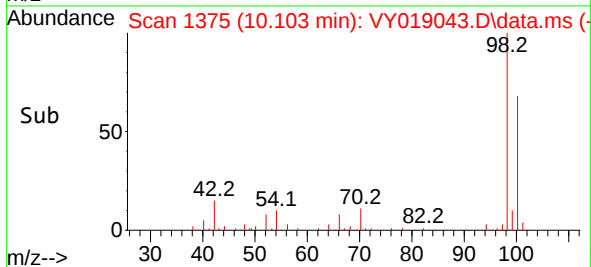
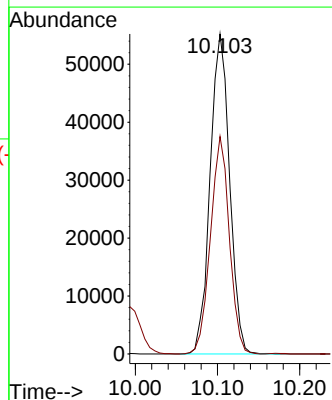
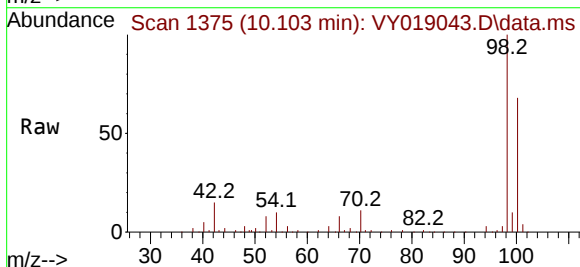
Acq: 13 Aug 2024 20:50

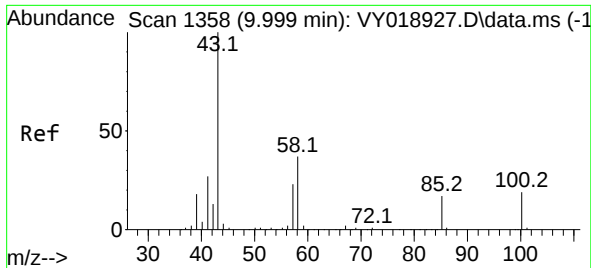
Tgt Ion: 98 Resp: 90914

Ion Ratio Lower Upper

98 100

100 66.0 52.0 78.0

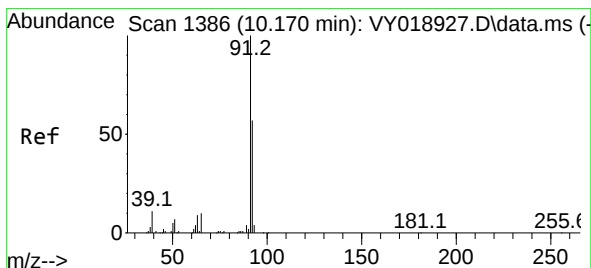
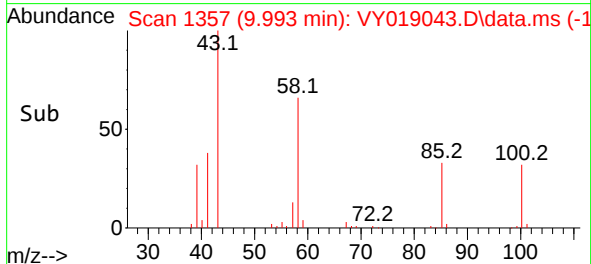
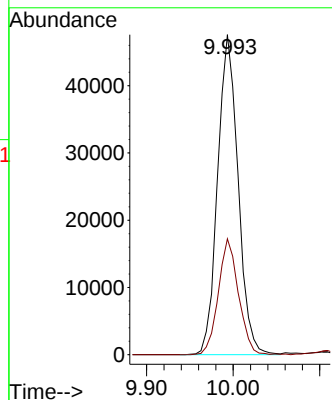
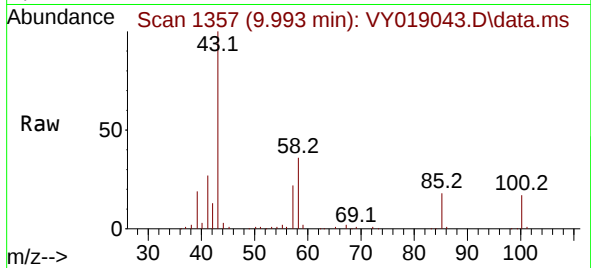




#51
4-Methyl-2-Pentanone
Concen: 260.538 ug/l
RT: 9.993 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019043.D
Acq: 13 Aug 2024 20:50

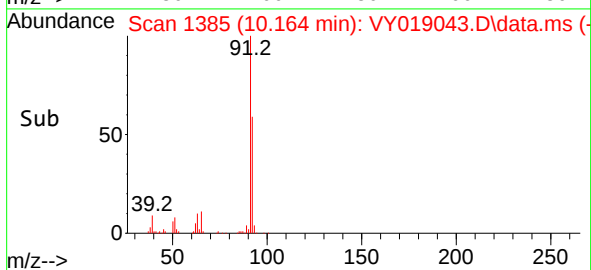
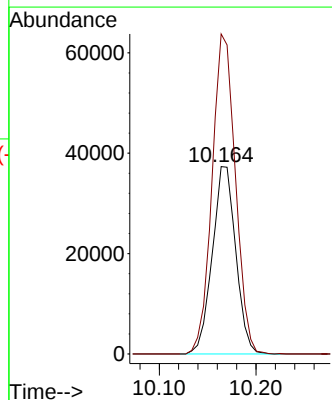
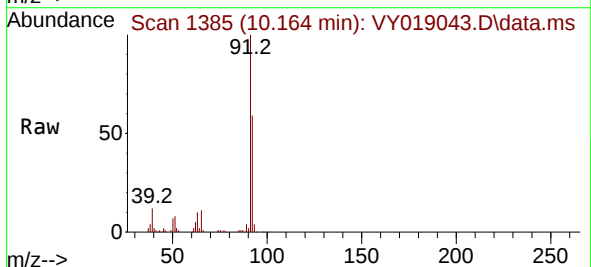
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 78074
Ion Ratio Lower Upper
43 100
58 35.7 35.7 53.5#



#52
Toluene
Concen: 50.946 ug/l
RT: 10.164 min Scan# 1385
Delta R.T. -0.006 min
Lab File: VY019043.D
Acq: 13 Aug 2024 20:50

Tgt Ion: 92 Resp: 62896
Ion Ratio Lower Upper
92 100
91 170.1 139.0 208.6

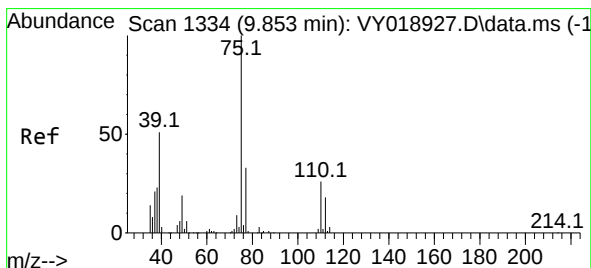
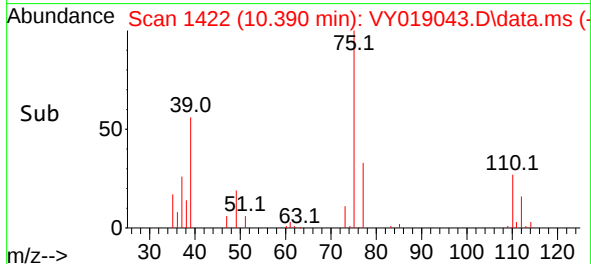
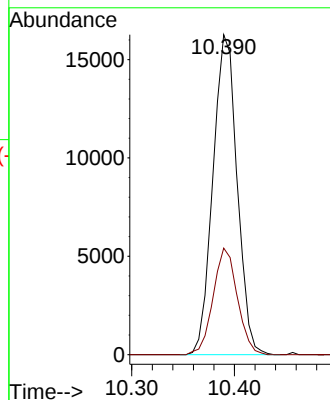
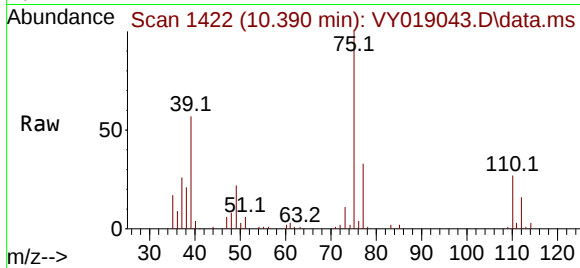




#53
t-1,3-Dichloropropene
Concen: 47.326 ug/l
RT: 10.390 min Scan# 1423
Delta R.T. -0.006 min
Lab File: VY019043.D
Acq: 13 Aug 2024 20:50

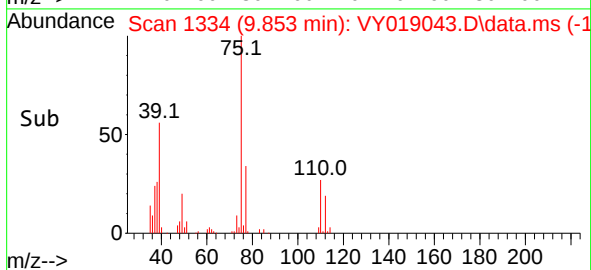
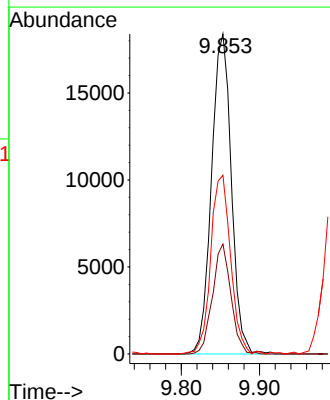
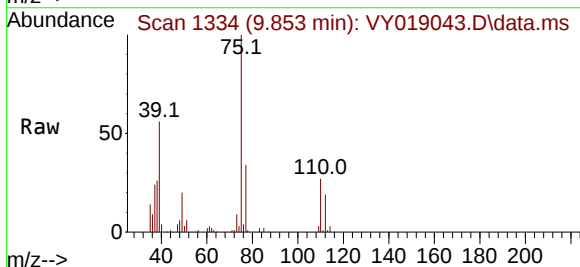
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

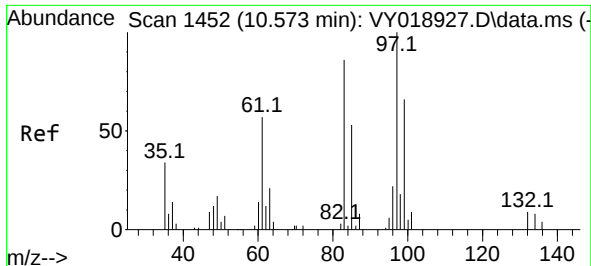
Tgt Ion: 75 Resp: 26538
Ion Ratio Lower Upper
75 100
77 33.3 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 48.519 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.000 min
Lab File: VY019043.D
Acq: 13 Aug 2024 20:50

Tgt Ion: 75 Resp: 32318
Ion Ratio Lower Upper
75 100
77 34.3 25.4 38.0
39 55.9 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 52.484 ug/l

RT: 10.566 min Scan# 1451

Delta R.T. -0.006 min

Lab File: VY019043.D

Acq: 13 Aug 2024 20:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 17319

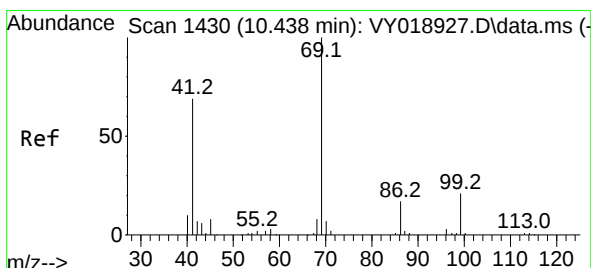
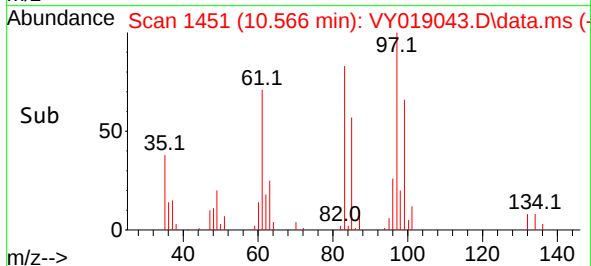
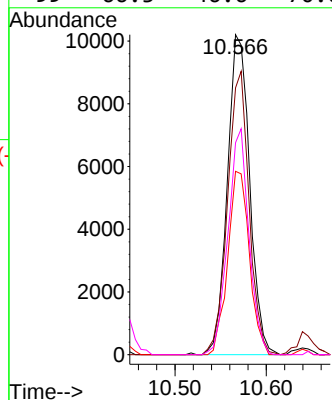
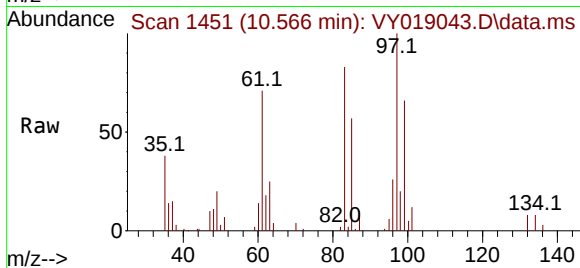
Ion Ratio Lower Upper

97 100

83 83.4 67.5 101.3

85 57.3 42.9 64.3

99 66.3 46.6 70.0



#56

Ethyl methacrylate

Concen: 50.142 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VY019043.D

Acq: 13 Aug 2024 20:50

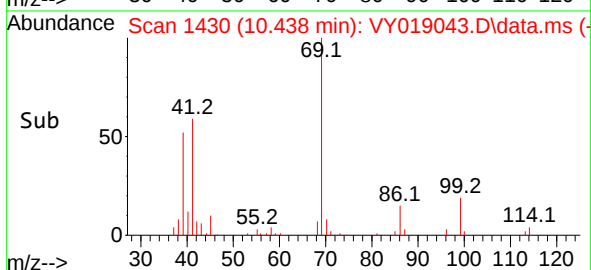
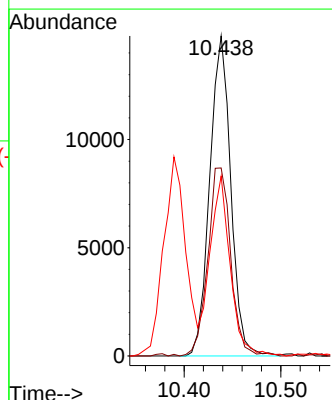
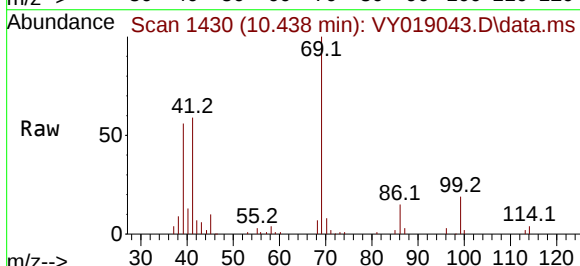
Tgt Ion: 69 Resp: 22403

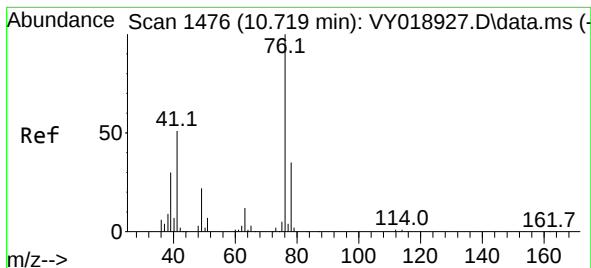
Ion Ratio Lower Upper

69 100

41 63.9 42.3 63.5#

39 54.3 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 52.485 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY019043.D

Acq: 13 Aug 2024 20:50

Instrument :

MSVOA_Y

ClientSampleId :

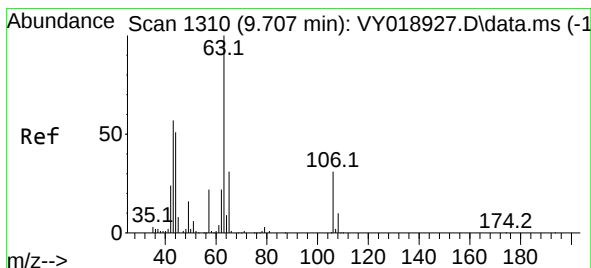
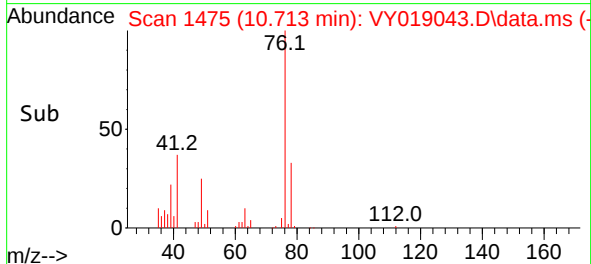
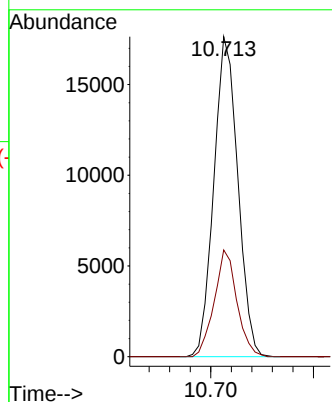
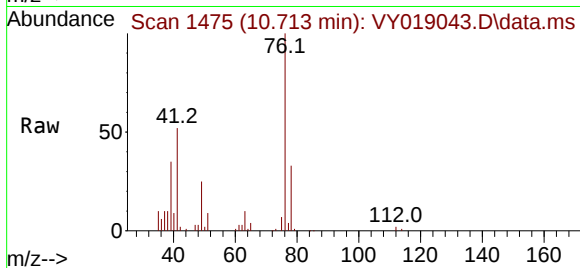
VSTDCCC050EC

Tgt Ion: 76 Resp: 28516

Ion Ratio Lower Upper

76 100

78 31.5 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 259.905 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.000 min

Lab File: VY019043.D

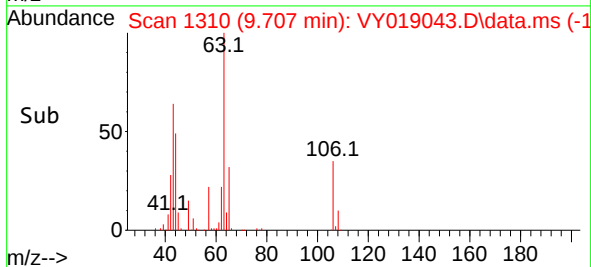
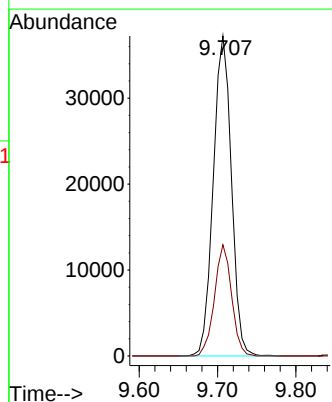
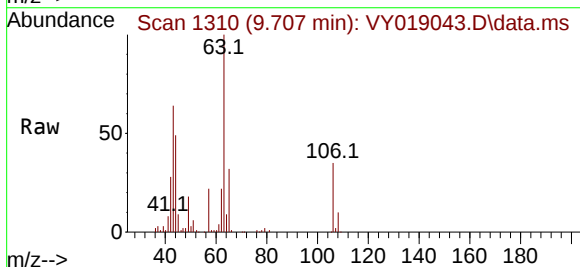
Acq: 13 Aug 2024 20:50

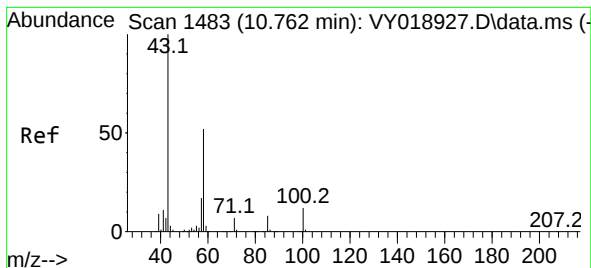
Tgt Ion: 63 Resp: 59866

Ion Ratio Lower Upper

63 100

106 32.9 23.7 35.5

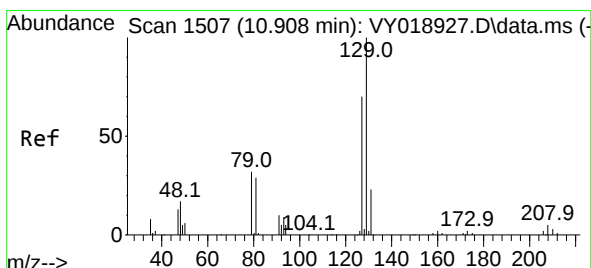
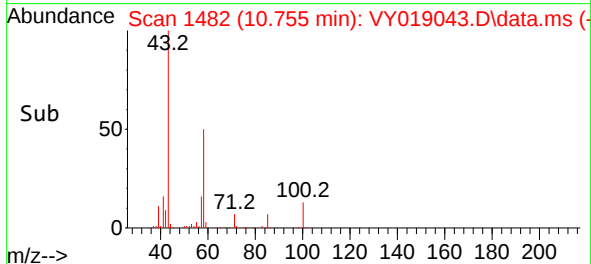
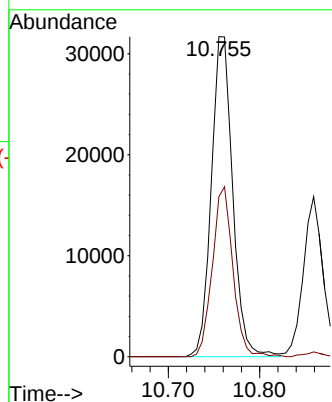
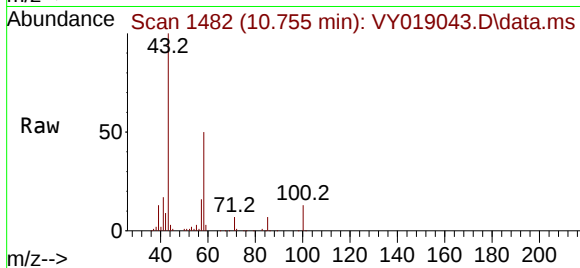




#59
2-Hexanone
Concen: 239.524 ug/l
RT: 10.755 min Scan# 1482
Delta R.T. -0.006 min
Lab File: VY019043.D
Acq: 13 Aug 2024 20:50

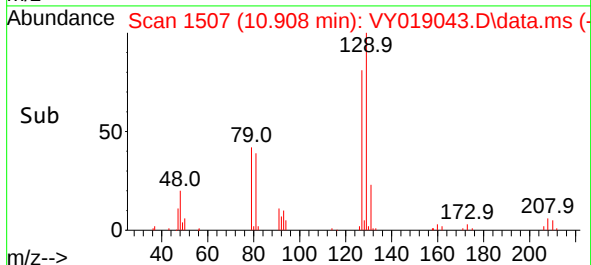
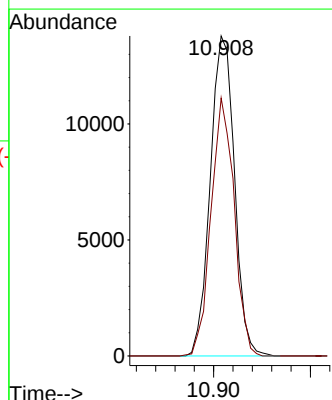
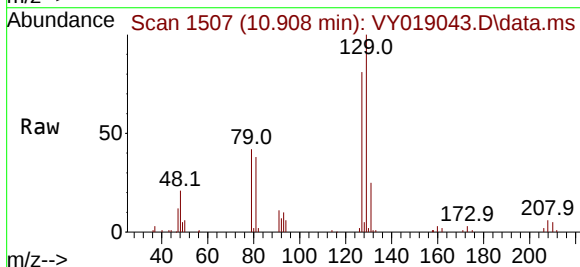
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

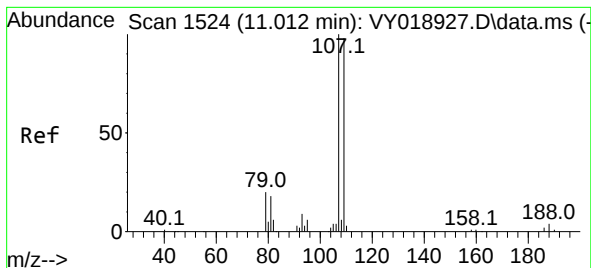
Tgt Ion: 43 Resp: 51488
Ion Ratio Lower Upper
43 100
58 51.0 31.4 94.0



#60
Dibromochloromethane
Concen: 54.088 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY019043.D
Acq: 13 Aug 2024 20:50

Tgt Ion:129 Resp: 23929
Ion Ratio Lower Upper
129 100
127 77.0 39.0 117.0

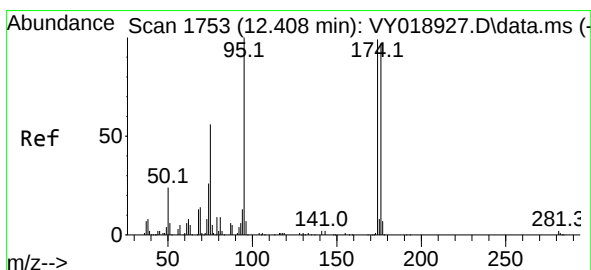
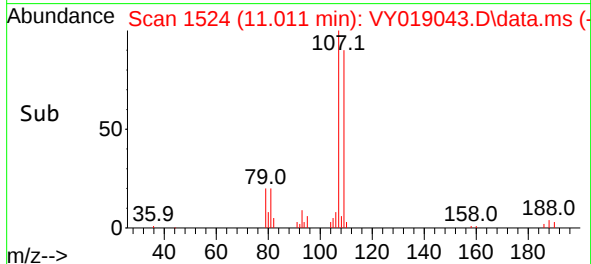
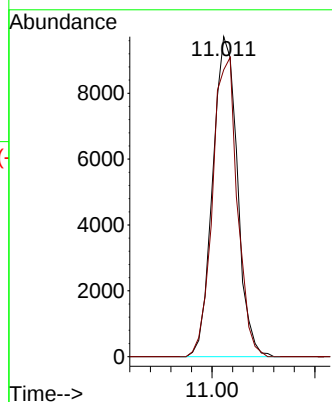
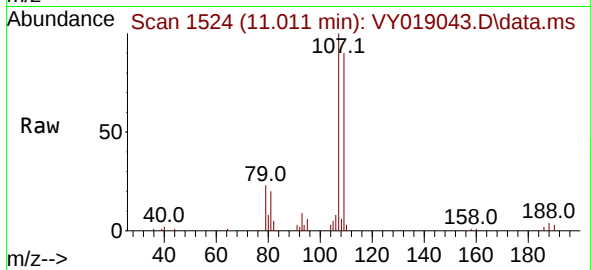




#61
1,2-Dibromoethane
Concen: 50.721 ug/l
RT: 11.011 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY019043.D
Acq: 13 Aug 2024 20:50

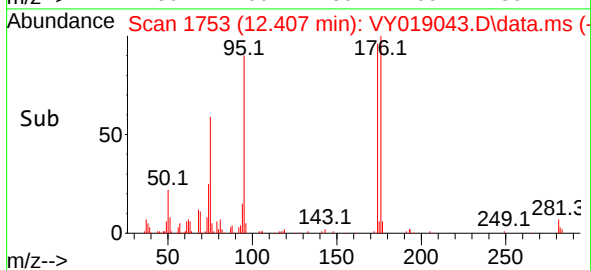
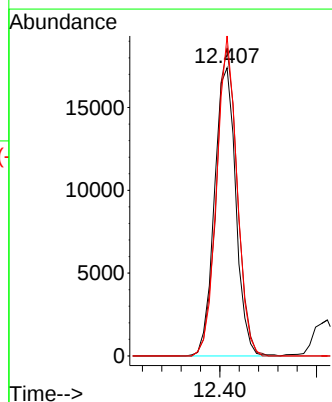
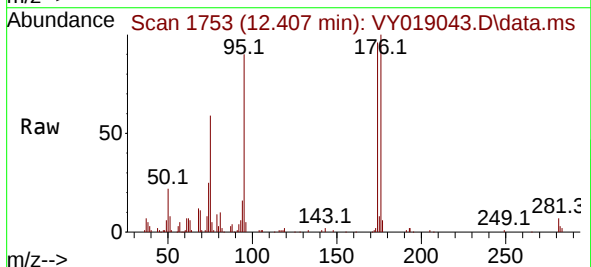
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

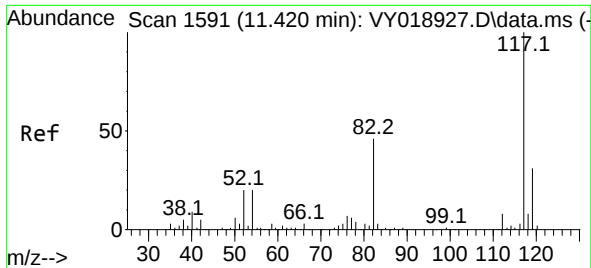
Tgt Ion:107 Resp: 16161
Ion Ratio Lower Upper
107 100
109 93.9 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 50.237 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY019043.D
Acq: 13 Aug 2024 20:50

Tgt Ion: 95 Resp: 26658
Ion Ratio Lower Upper
95 100
174 105.5 0.0 175.6
176 104.8 0.0 171.4

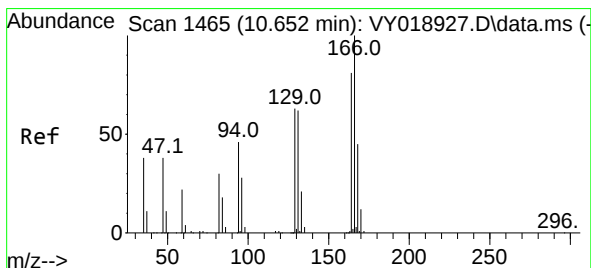
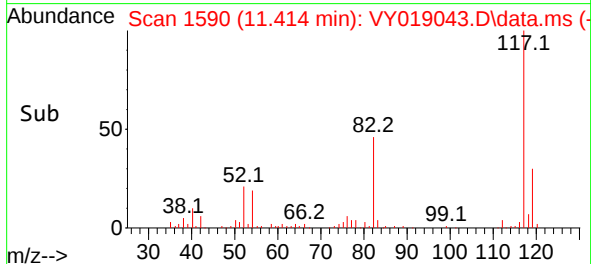
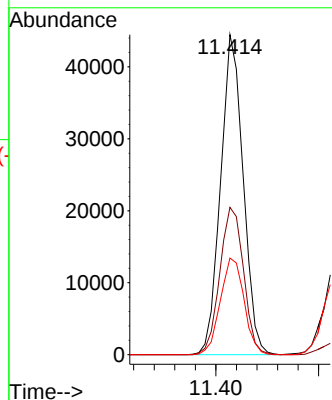
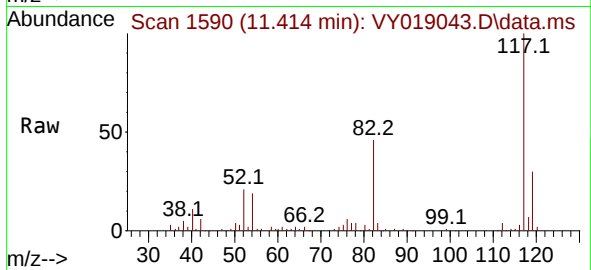




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019043.D
Acq: 13 Aug 2024 20:50

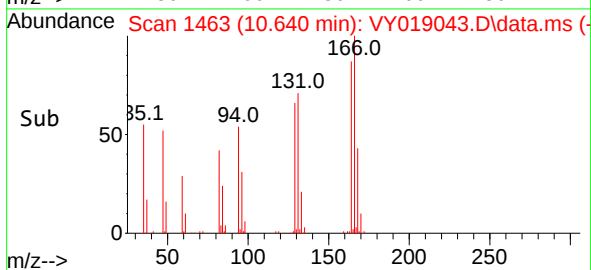
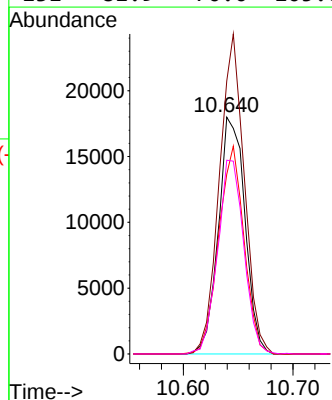
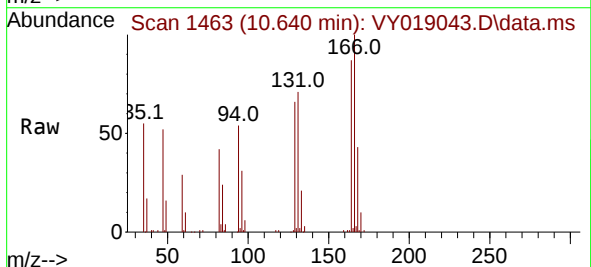
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

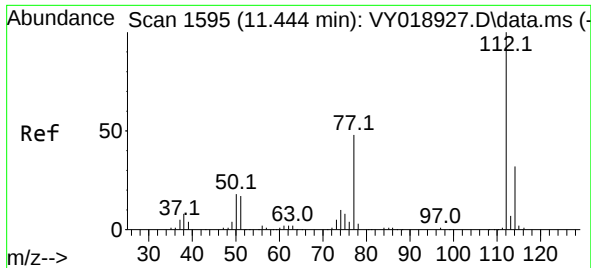
Tgt Ion:117 Resp: 67674
Ion Ratio Lower Upper
117 100
82 46.1 42.4 63.6
119 30.2 25.9 38.9



#64
Tetrachloroethene
Concen: 53.275 ug/l
RT: 10.640 min Scan# 1463
Delta R.T. -0.012 min
Lab File: VY019043.D
Acq: 13 Aug 2024 20:50

Tgt Ion:164 Resp: 30223
Ion Ratio Lower Upper
164 100
166 115.3 102.6 154.0
129 75.9 72.0 108.0
131 81.9 70.0 105.0

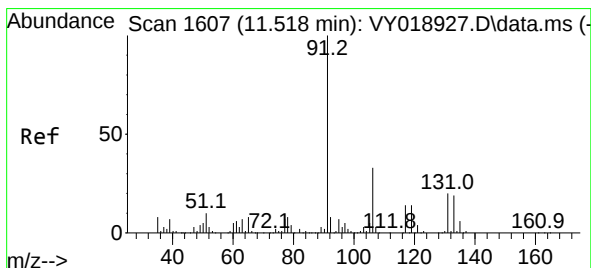
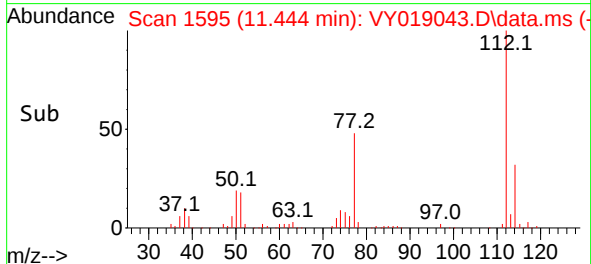
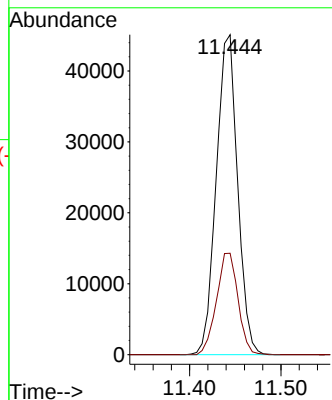
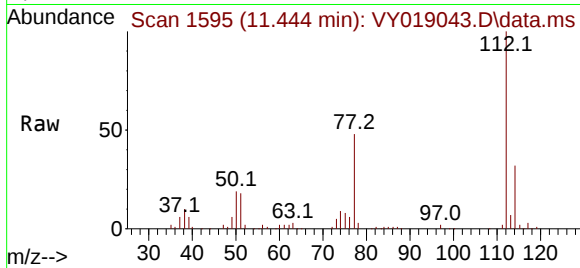




#65
Chlorobenzene
Concen: 49.253 ug/l
RT: 11.444 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY019043.D
Acq: 13 Aug 2024 20:50

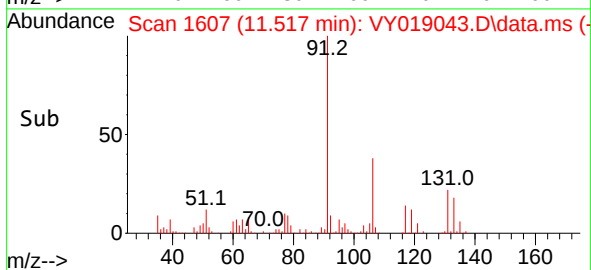
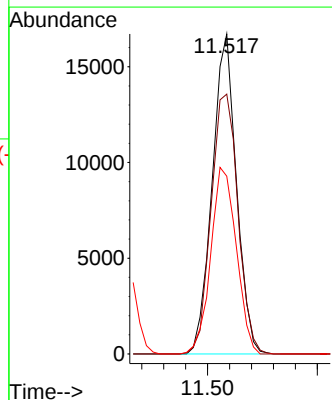
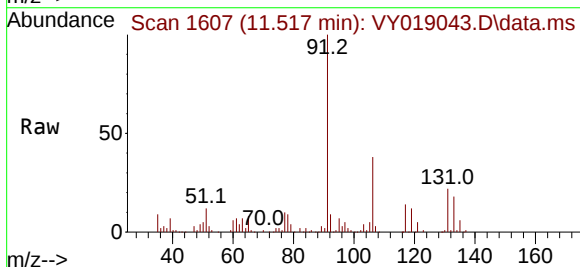
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

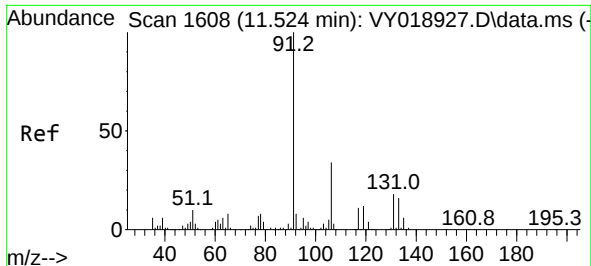
Tgt Ion:112 Resp: 73184
Ion Ratio Lower Upper
112 100
114 31.7 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 49.215 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY019043.D
Acq: 13 Aug 2024 20:50

Tgt Ion:131 Resp: 25578
Ion Ratio Lower Upper
131 100
133 90.3 47.8 143.3
119 61.8 34.1 102.2





#67

Ethyl Benzene

Concen: 46.876 ug/l

RT: 11.517 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019043.D

Acq: 13 Aug 2024 20:50

Instrument :

MSVOA_Y

ClientSampleId :

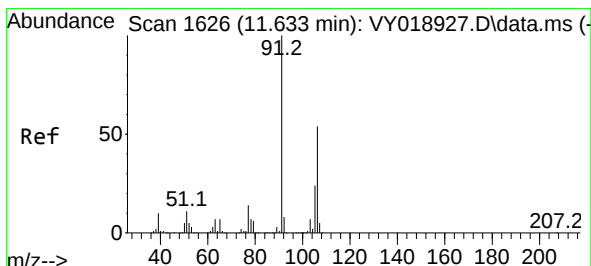
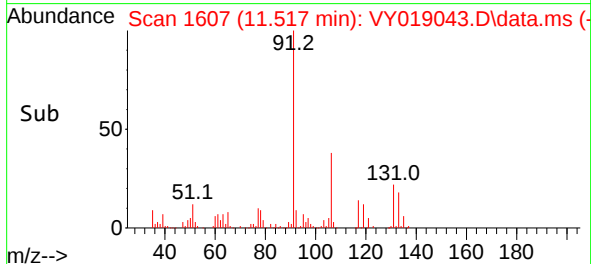
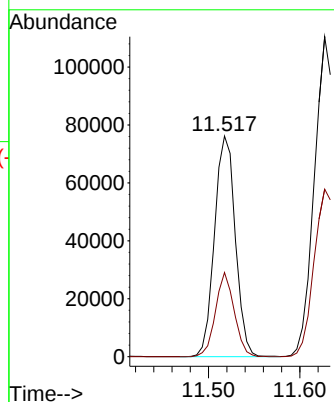
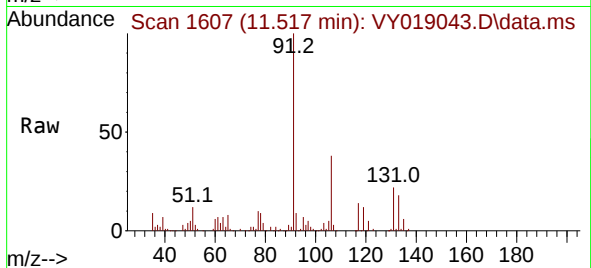
VSTDCCC050EC

Tgt Ion: 91 Resp: 120590

Ion Ratio Lower Upper

91 100

106 38.1 24.5 36.7#



#68

m/p-Xylenes

Concen: 95.959 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY019043.D

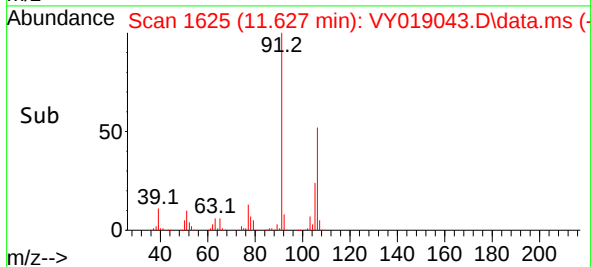
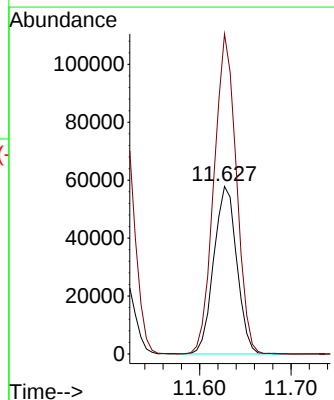
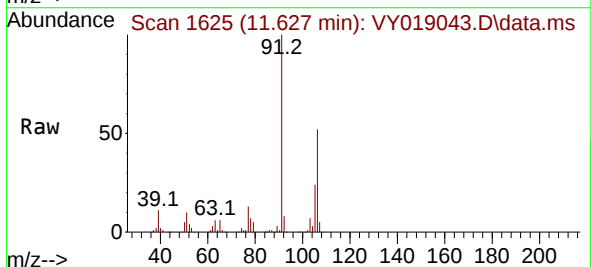
Acq: 13 Aug 2024 20:50

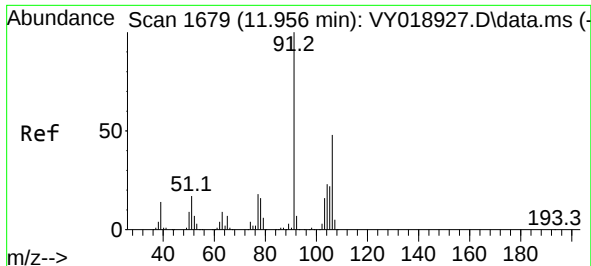
Tgt Ion: 106 Resp: 101225

Ion Ratio Lower Upper

106 100

91 185.8 156.0 234.0

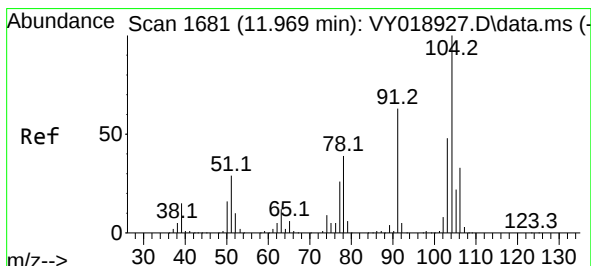
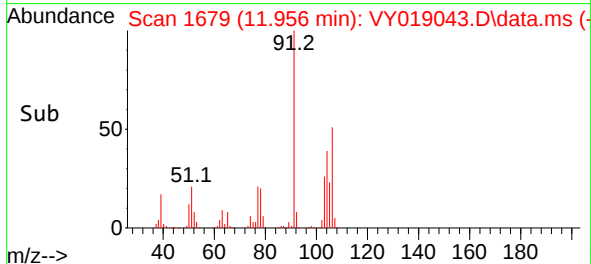
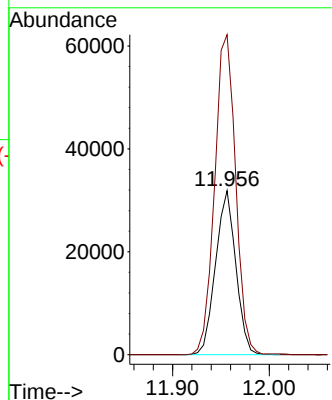
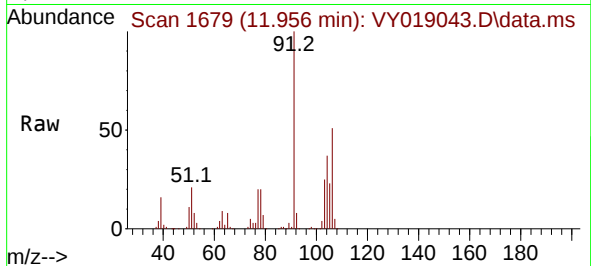




#69
o-Xylene
Concen: 47.585 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY019043.D
Acq: 13 Aug 2024 20:50

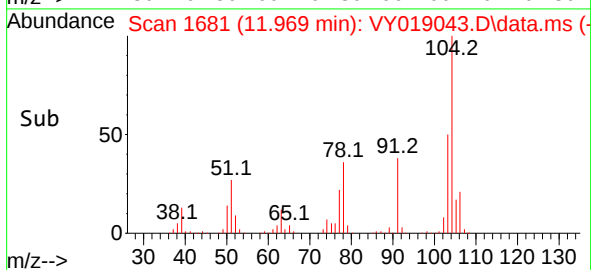
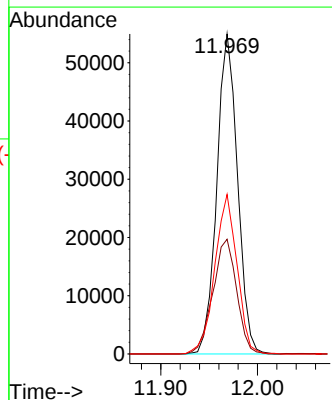
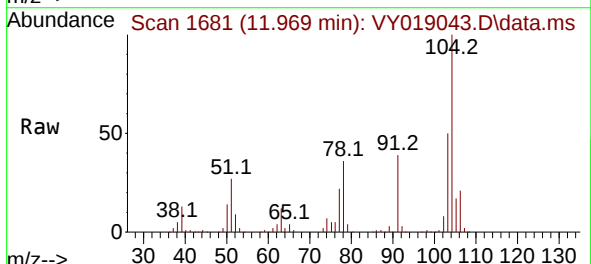
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

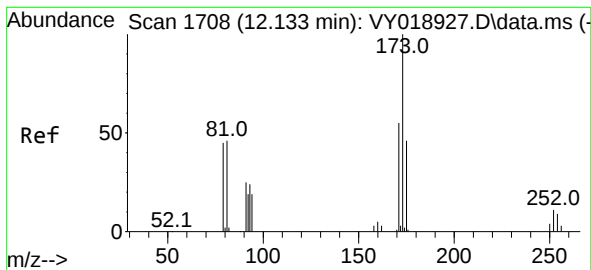
Tgt Ion:106 Resp: 46328
Ion Ratio Lower Upper
106 100
91 202.0 103.6 310.8



#70
Styrene
Concen: 50.862 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY019043.D
Acq: 13 Aug 2024 20:50

Tgt Ion:104 Resp: 81562
Ion Ratio Lower Upper
104 100
78 41.4 37.0 55.4
103 53.6 44.2 66.2





#71

Bromoform

Concen: 51.120 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY019043.D

Acq: 13 Aug 2024 20:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

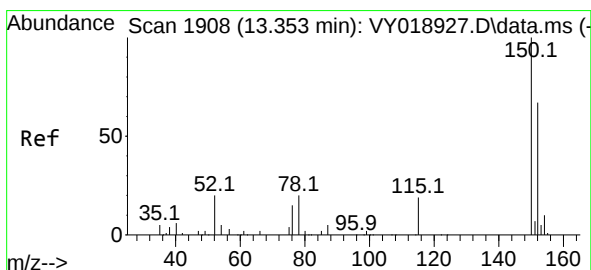
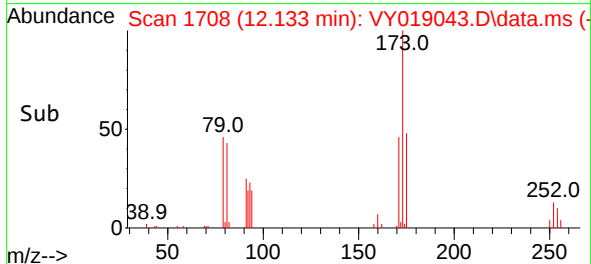
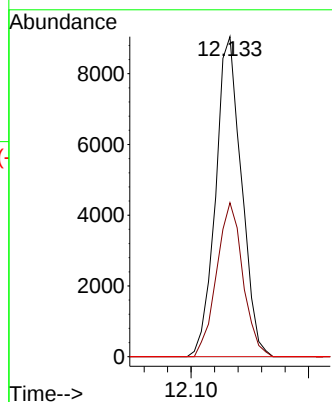
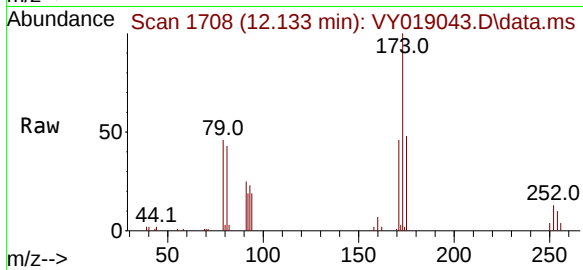
Tgt Ion:173 Resp: 13816

Ion Ratio Lower Upper

173 100

175 48.9 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY019043.D

Acq: 13 Aug 2024 20:50

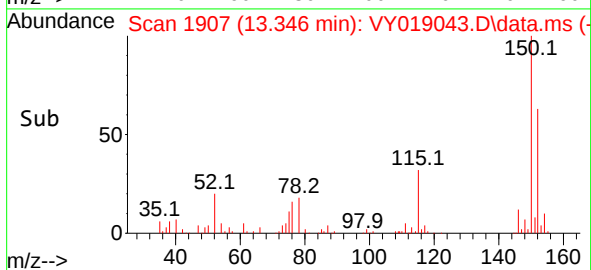
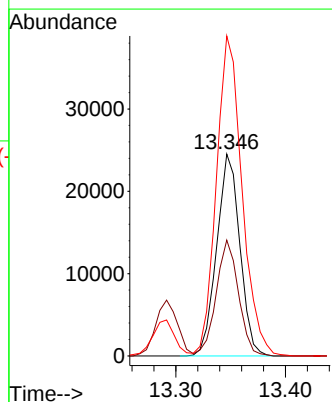
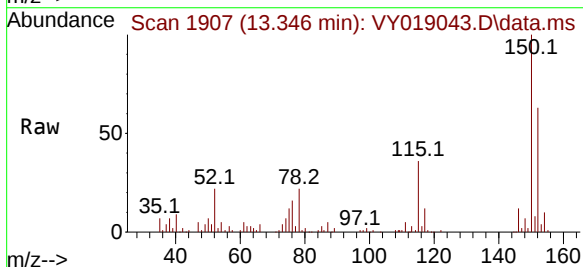
Tgt Ion:152 Resp: 35971

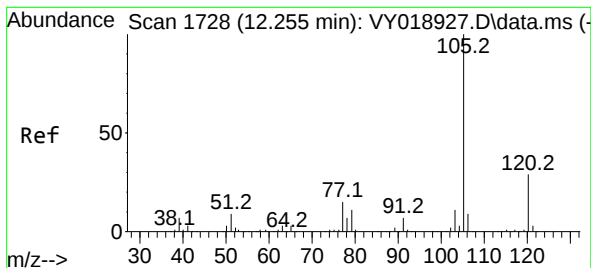
Ion Ratio Lower Upper

152 100

115 55.4 28.2 84.7

150 176.1 0.0 345.6





#73

Isopropylbenzene

Concen: 45.336 ug/l

RT: 12.255 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY019043.D

Acq: 13 Aug 2024 20:50

Instrument :

MSVOA_Y

ClientSampleId :

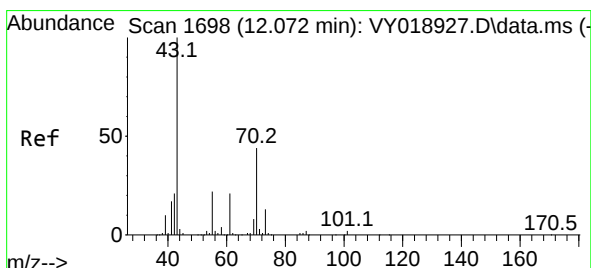
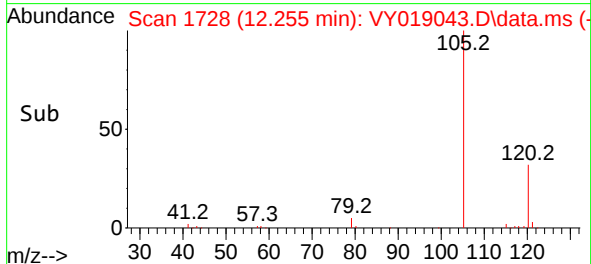
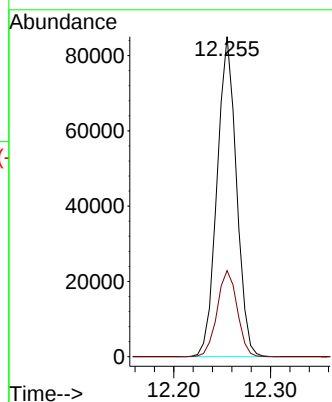
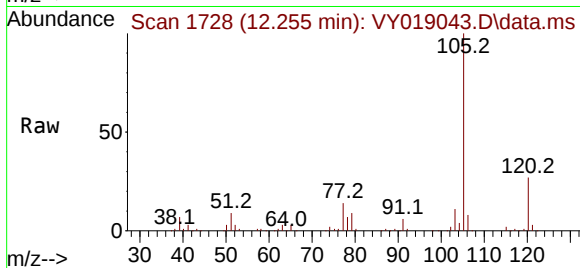
VSTDCCC050EC

Tgt Ion:105 Resp: 118374

Ion Ratio Lower Upper

105 100

120 27.8 13.4 40.1



#74

N-ethyl acetate

Concen: 45.823 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VY019043.D

Acq: 13 Aug 2024 20:50

Tgt Ion: 43 Resp: 27609

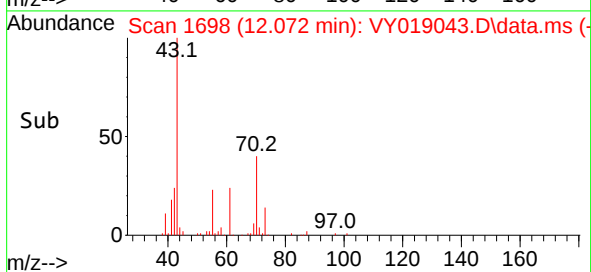
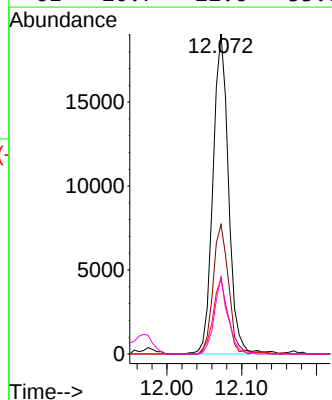
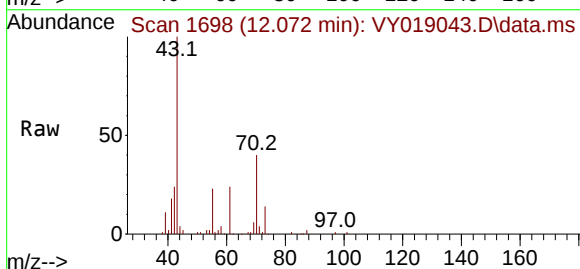
Ion Ratio Lower Upper

43 100

70 40.7 41.4 62.2#

55 22.2 23.3 34.9#

61 20.7 22.6 33.8#





#75

1,1,2-Tetrachloroethane

Concen: 45.708 ug/l

RT: 12.505 min Scan# 1770

Delta R.T. -0.006 min

Lab File: VY019043.D

Acq: 13 Aug 2024 20:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

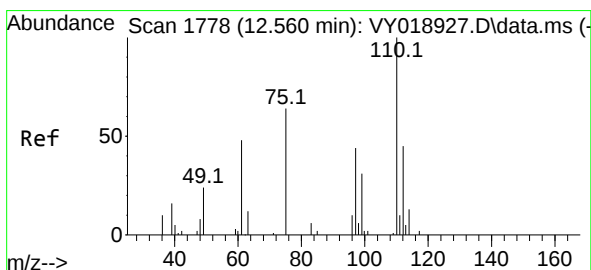
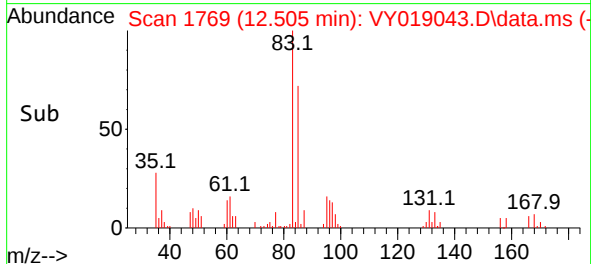
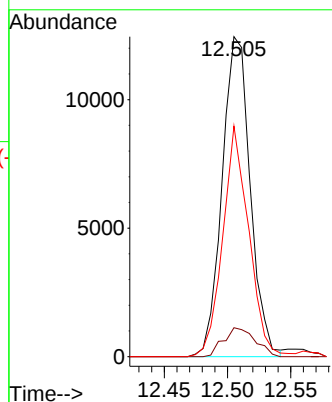
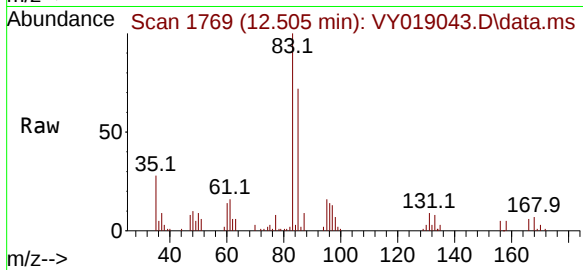
Tgt Ion: 83 Resp: 19260

Ion Ratio Lower Upper

83 100

131 10.2 5.0 14.9

85 66.8 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 89.630 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VY019043.D

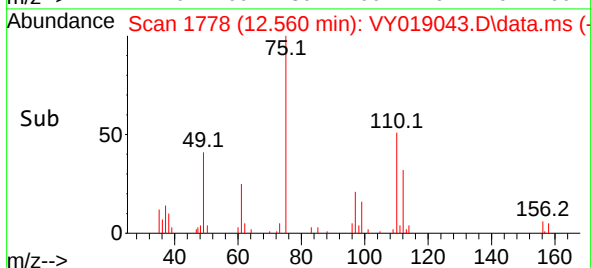
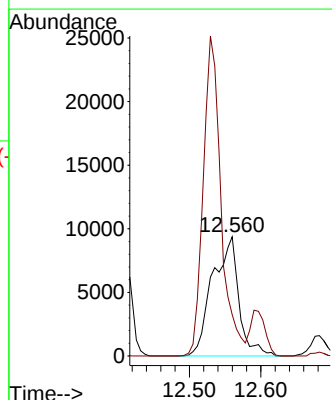
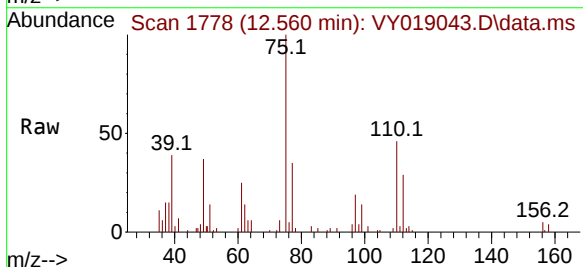
Acq: 13 Aug 2024 20:50

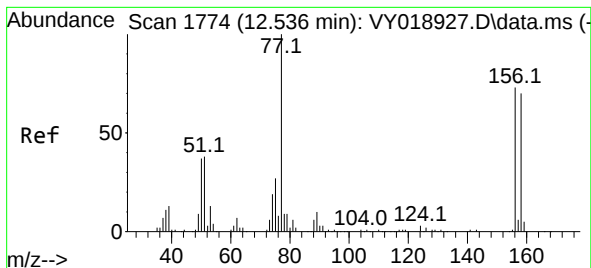
Tgt Ion: 75 Resp: 24019

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.341 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY019043.D

Acq: 13 Aug 2024 20:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

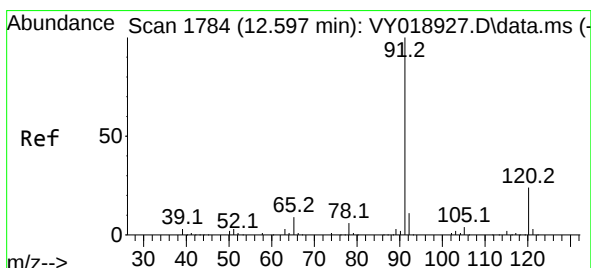
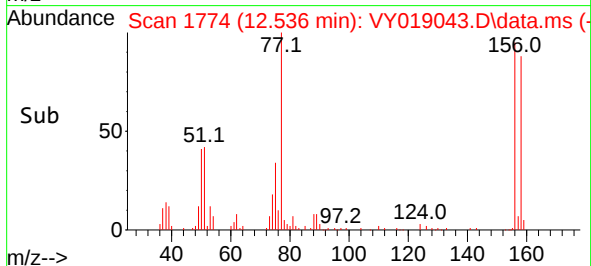
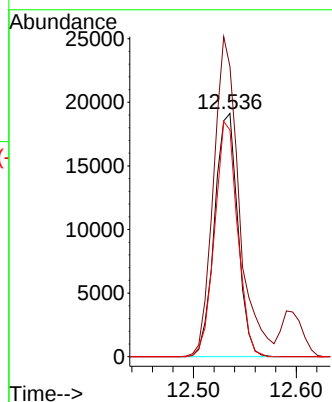
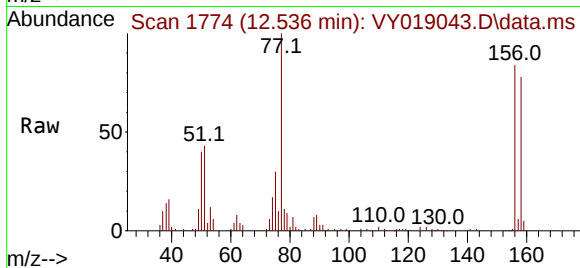
Tgt Ion:156 Resp: 30012

Ion Ratio Lower Upper

156 100

77 145.1 87.1 261.3

158 95.4 48.6 145.9



#78

n-propylbenzene

Concen: 44.290 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VY019043.D

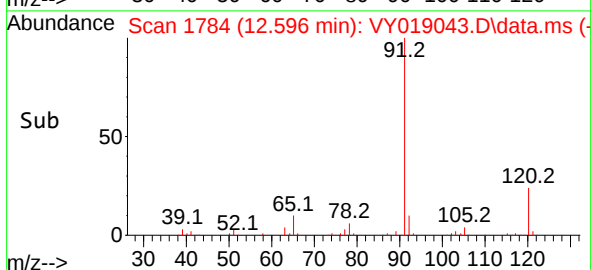
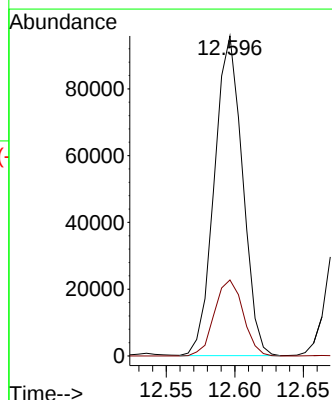
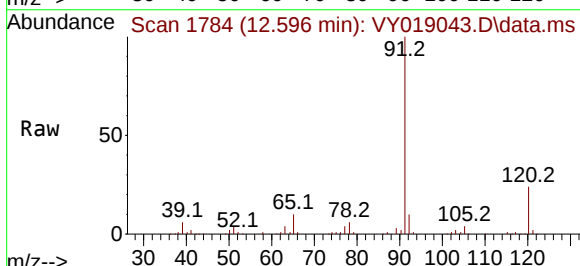
Acq: 13 Aug 2024 20:50

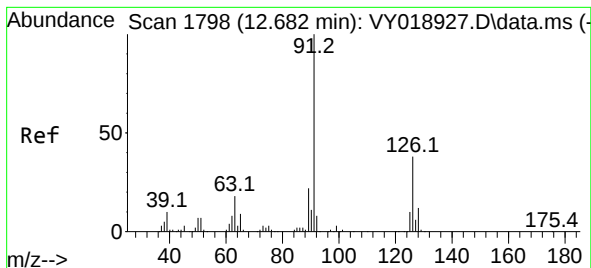
Tgt Ion: 91 Resp: 136872

Ion Ratio Lower Upper

91 100

120 24.2 11.5 34.4

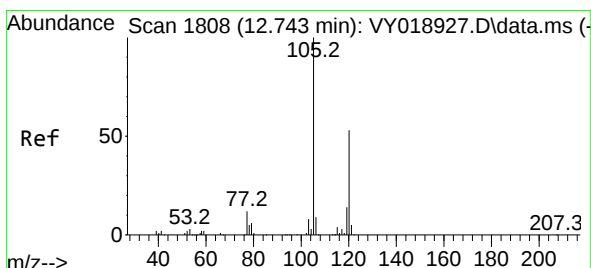
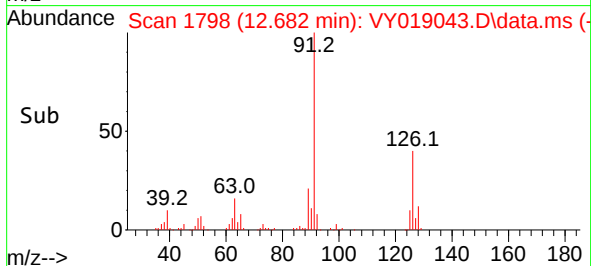
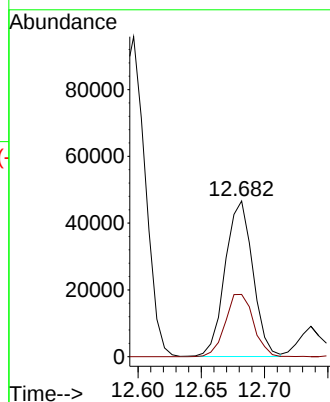
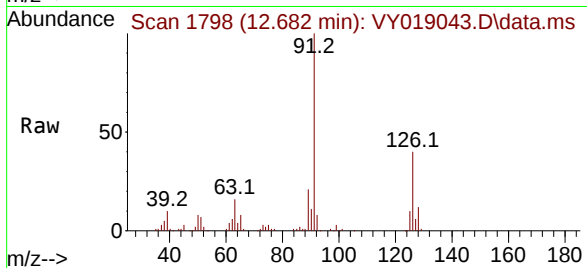




#79
2-Chlorotoluene
Concen: 44.394 ug/l
RT: 12.682 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY019043.D
Acq: 13 Aug 2024 20:50

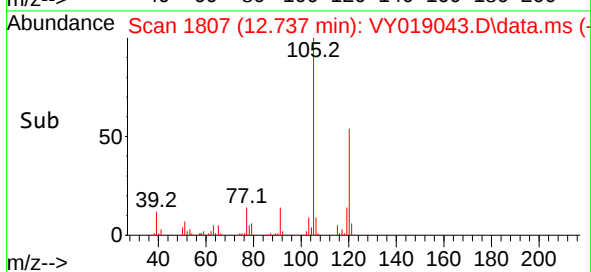
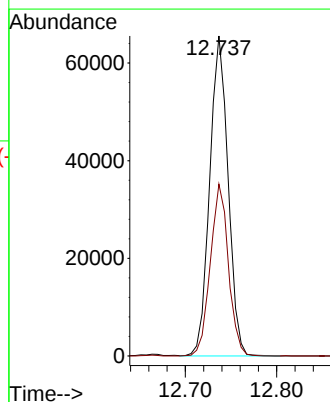
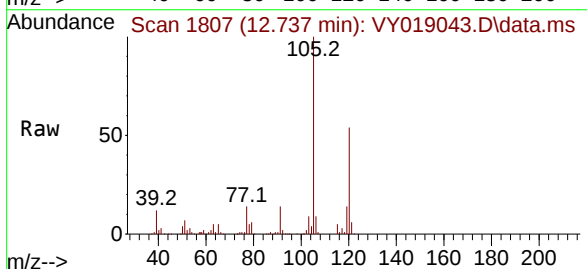
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

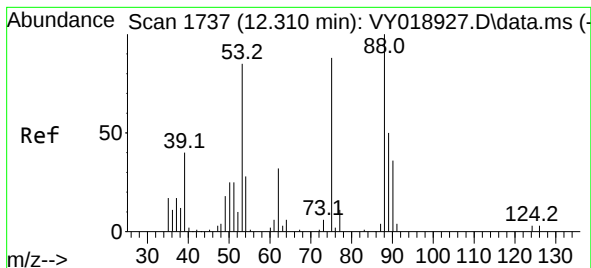
Tgt Ion: 91 Resp: 71026
Ion Ratio Lower Upper
91 100
126 40.8 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 44.606 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VY019043.D
Acq: 13 Aug 2024 20:50

Tgt Ion: 105 Resp: 91272
Ion Ratio Lower Upper
105 100
120 52.9 25.1 75.2

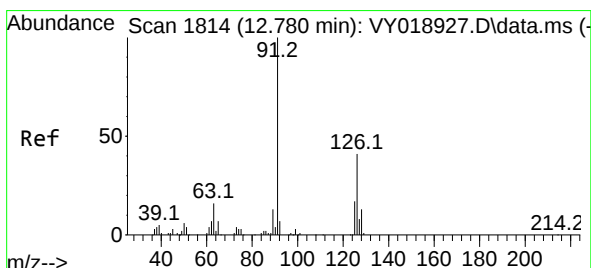
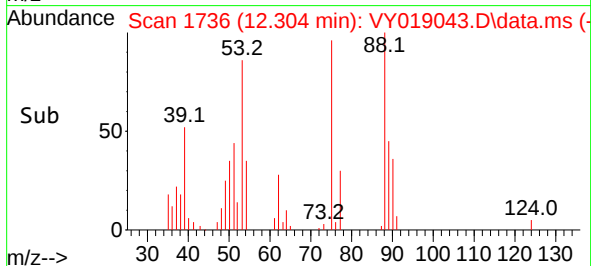
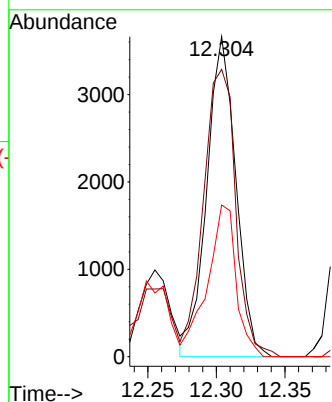
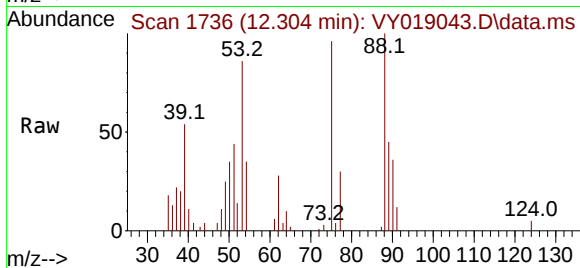




#81
trans-1,4-Dichloro-2-butene
Concen: 41.500 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.006 min
Lab File: VY019043.D
Acq: 13 Aug 2024 20:50

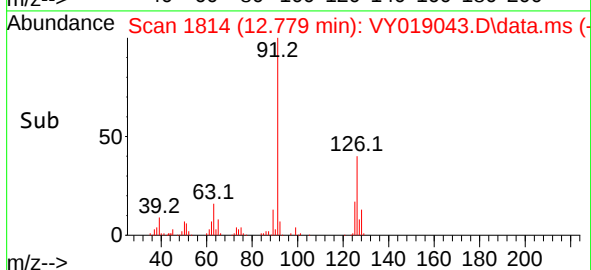
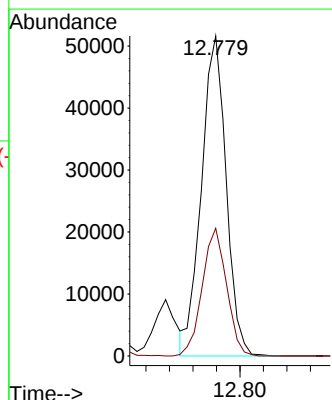
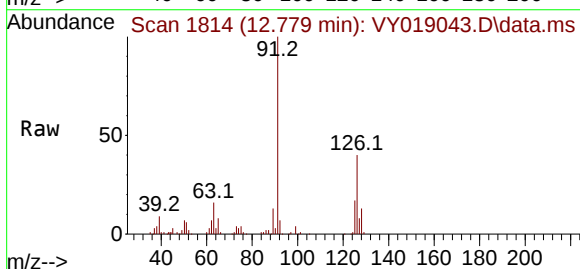
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

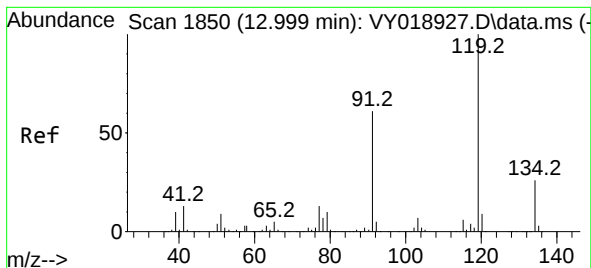
Tgt Ion:	75	Resp:	5397
Ion	Ratio	Lower	Upper
75	100		
53	99.4	66.8	100.2
89	46.9	35.8	53.6



#82
4-Chlorotoluene
Concen: 46.054 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY019043.D
Acq: 13 Aug 2024 20:50

Tgt Ion:	91	Resp:	75436
Ion	Ratio	Lower	Upper
91	100		
126	39.2	17.6	52.9





#83

tert-Butylbenzene

Concen: 46.129 ug/l

RT: 12.999 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY019043.D

Acq: 13 Aug 2024 20:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

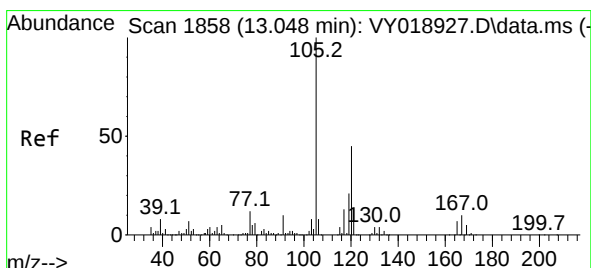
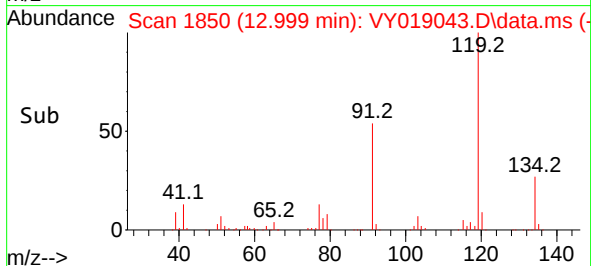
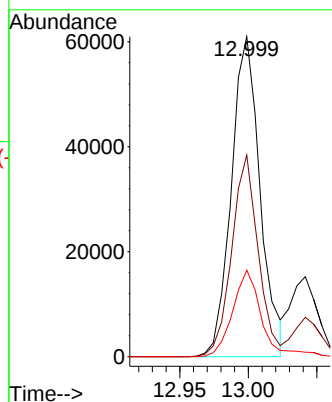
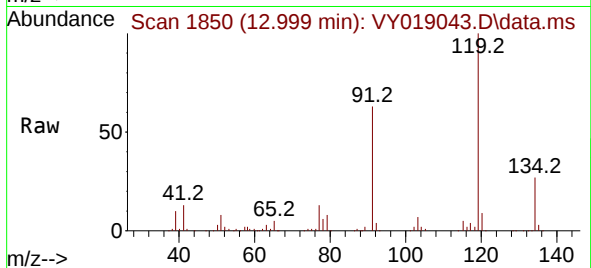
Tgt Ion:119 Resp: 89154

Ion Ratio Lower Upper

119 100

91 57.9 31.3 93.8

134 27.1 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 45.867 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY019043.D

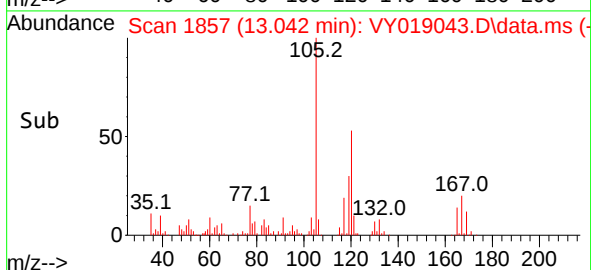
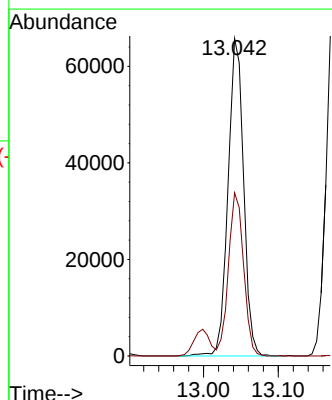
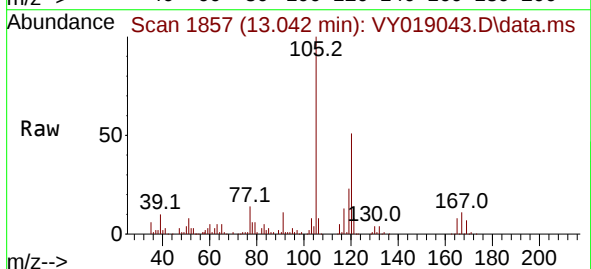
Acq: 13 Aug 2024 20:50

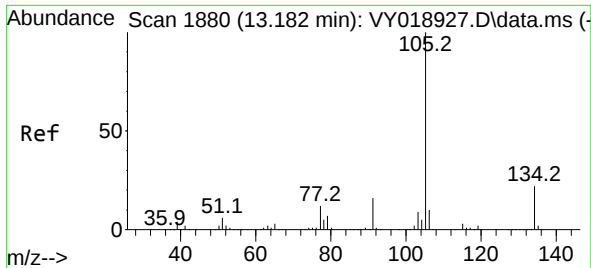
Tgt Ion:105 Resp: 95207

Ion Ratio Lower Upper

105 100

120 49.9 23.2 69.6

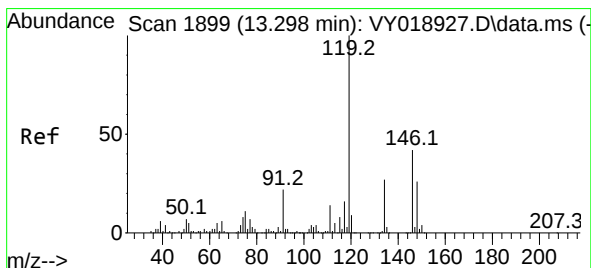
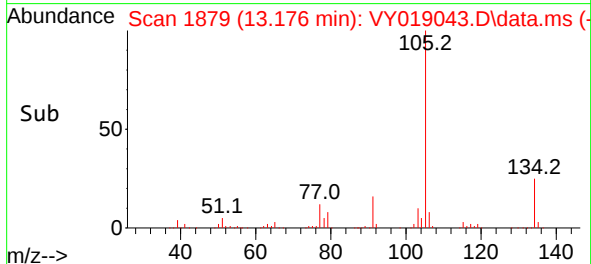
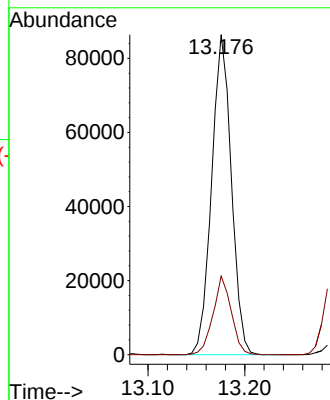
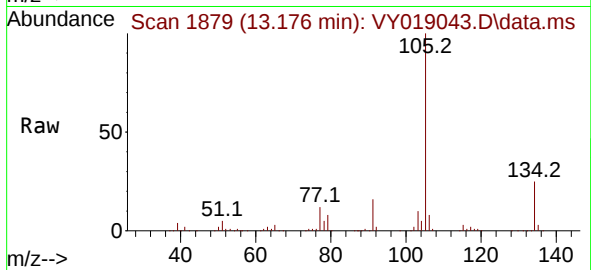




#85
 sec-Butylbenzene
 Concen: 43.694 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. -0.006 min
 Lab File: VY019043.D
 Acq: 13 Aug 2024 20:50

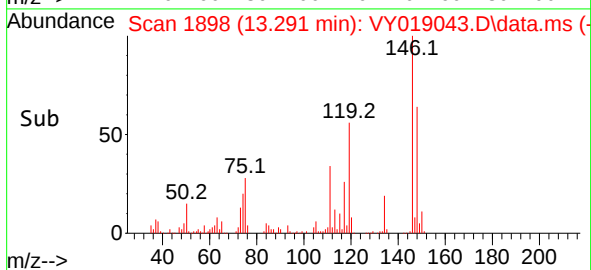
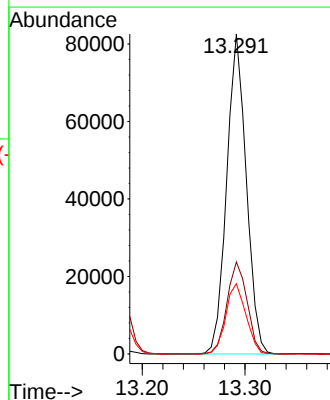
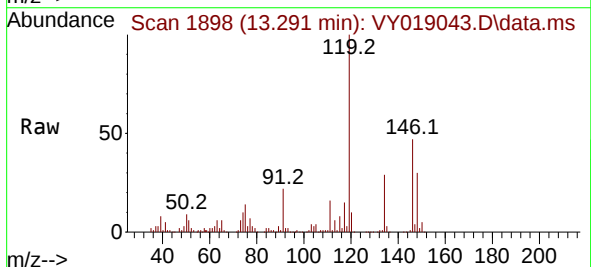
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

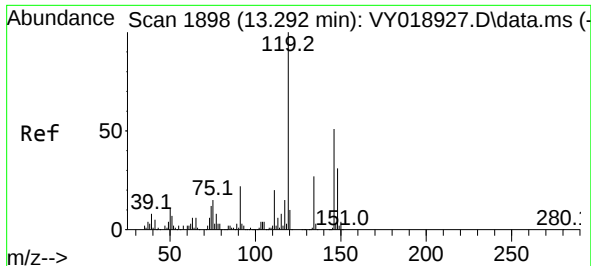
Tgt Ion:105 Resp: 122322
 Ion Ratio Lower Upper
 105 100
 134 22.7 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 44.995 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. -0.006 min
 Lab File: VY019043.D
 Acq: 13 Aug 2024 20:50

Tgt Ion:119 Resp: 109073
 Ion Ratio Lower Upper
 119 100
 134 29.4 13.1 39.3
 91 22.7 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 48.430 ug/l

RT: 13.285 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019043.D

Acq: 13 Aug 2024 20:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

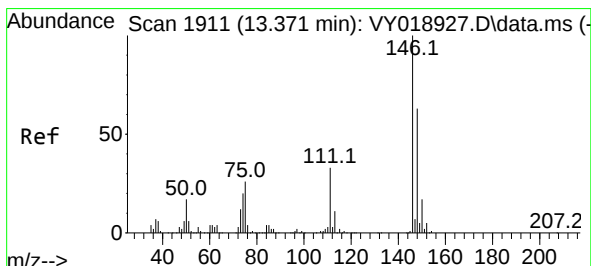
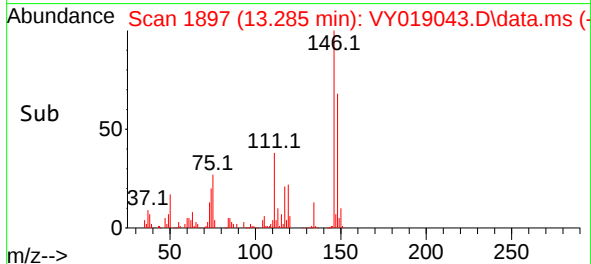
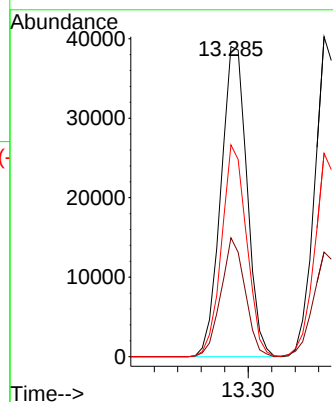
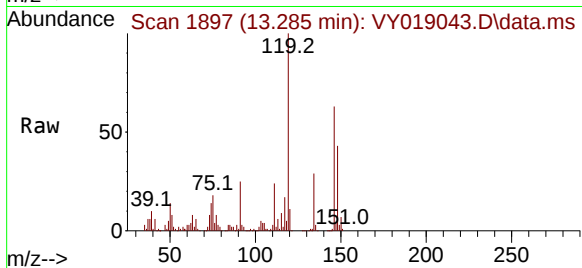
Tgt Ion:146 Resp: 60174

Ion Ratio Lower Upper

146 100

111 35.6 19.0 57.0

148 65.5 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 47.875 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY019043.D

Acq: 13 Aug 2024 20:50

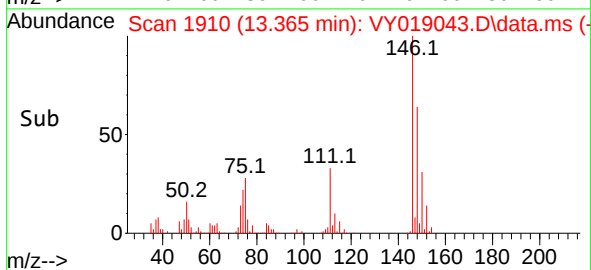
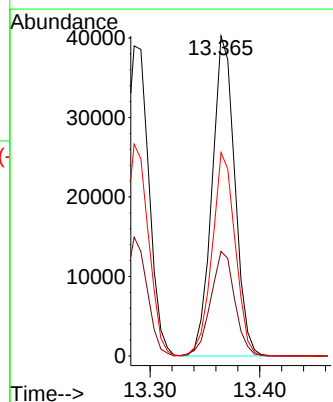
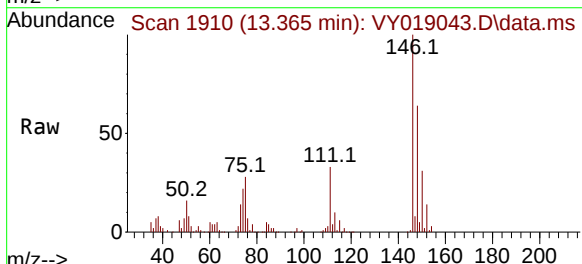
Tgt Ion:146 Resp: 58012

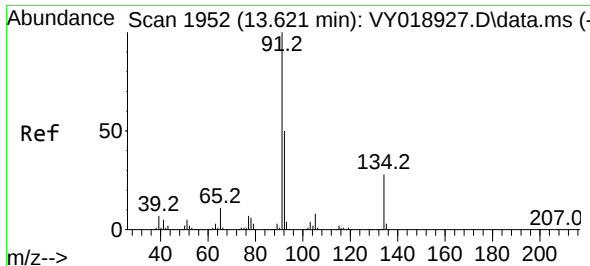
Ion Ratio Lower Upper

146 100

111 34.6 18.4 55.4

148 64.5 32.4 97.2

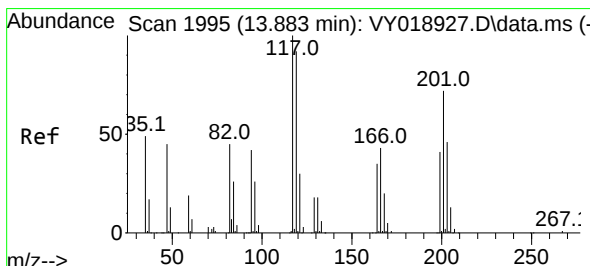
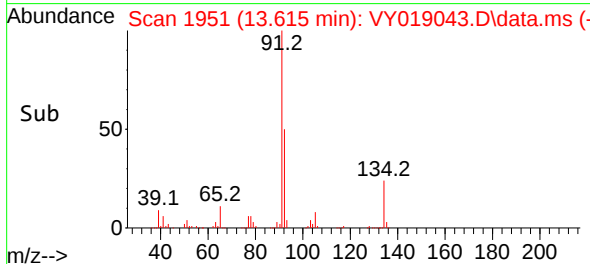
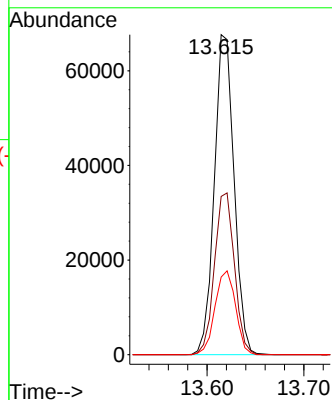
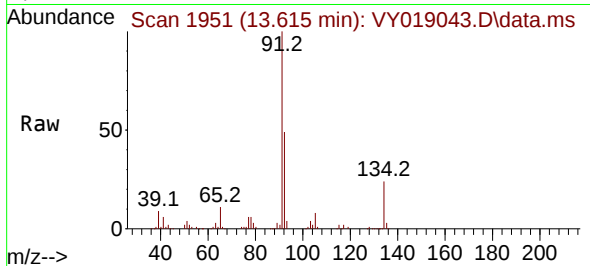




#89
n-Butylbenzene
Concen: 45.094 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VY019043.D
Acq: 13 Aug 2024 20:50

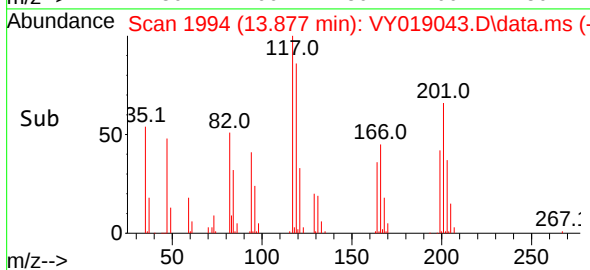
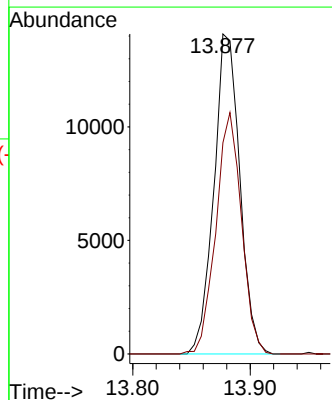
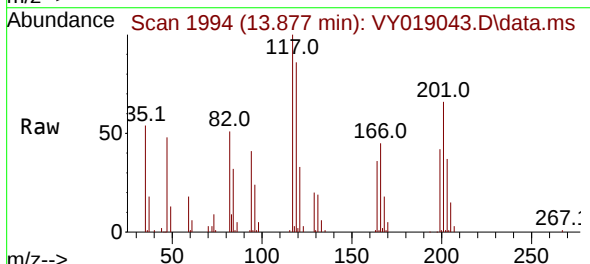
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

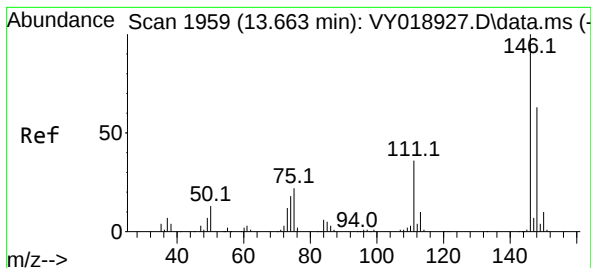
Tgt Ion:	91	Resp:	95949
Ion	Ratio	Lower	Upper
91	100		
92	51.0	26.6	79.7
134	27.3	12.9	38.7



#90
Hexachloroethane
Concen: 47.293 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY019043.D
Acq: 13 Aug 2024 20:50

Tgt Ion:	117	Resp:	21632
Ion	Ratio	Lower	Upper
117	100		
201	74.3	37.4	112.2

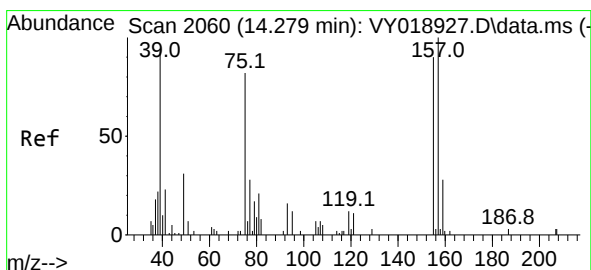
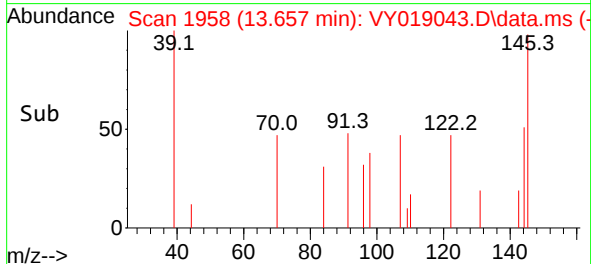
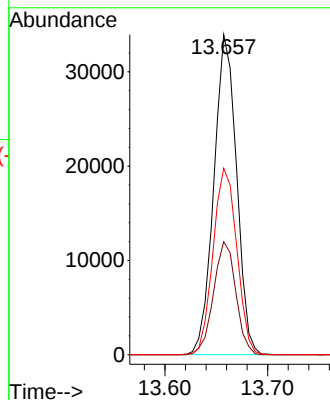
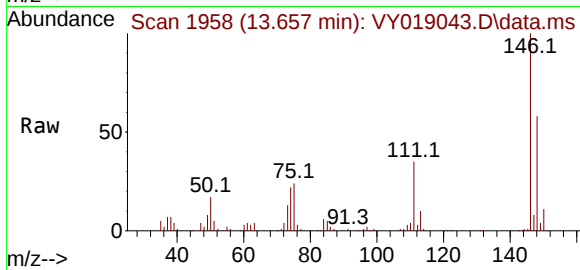




#91
1,2-Dichlorobenzene
Concen: 50.931 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.006 min
Lab File: VY019043.D
Acq: 13 Aug 2024 20:50

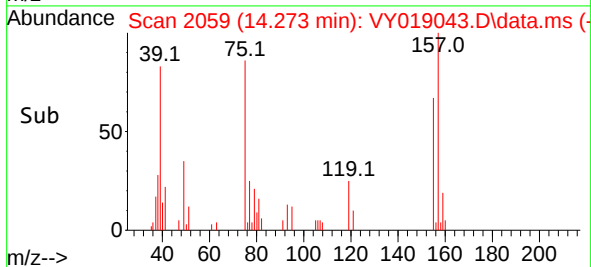
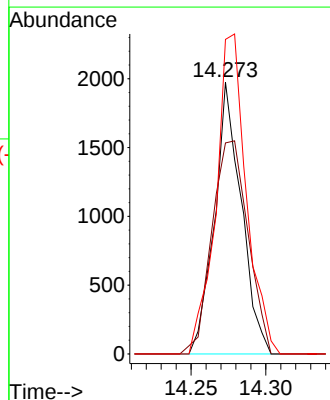
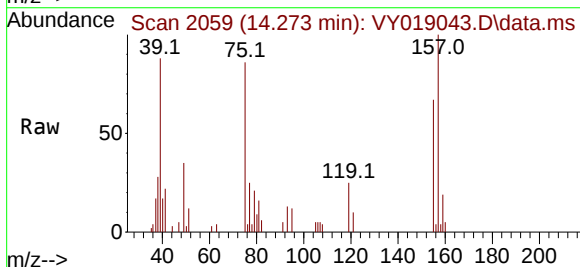
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

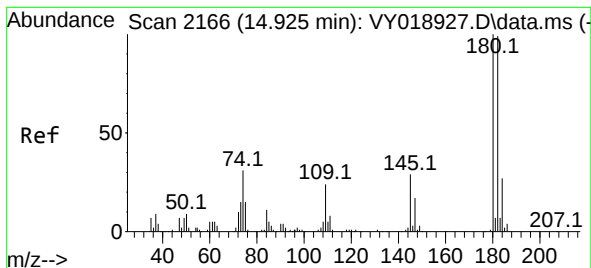
Tgt Ion:146 Resp: 52029
Ion Ratio Lower Upper
146 100
111 34.8 19.9 59.7
148 60.8 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 42.269 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.006 min
Lab File: VY019043.D
Acq: 13 Aug 2024 20:50

Tgt Ion: 75 Resp: 2450
Ion Ratio Lower Upper
75 100
155 105.8 48.6 145.8
157 134.2 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 51.585 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.006 min

Lab File: VY019043.D

Acq: 13 Aug 2024 20:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

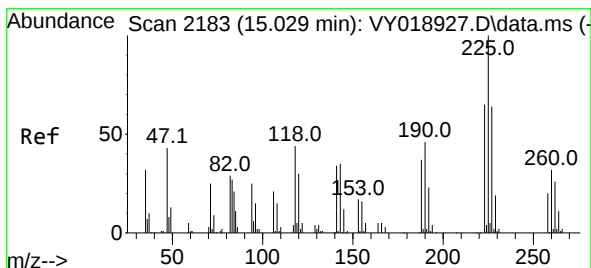
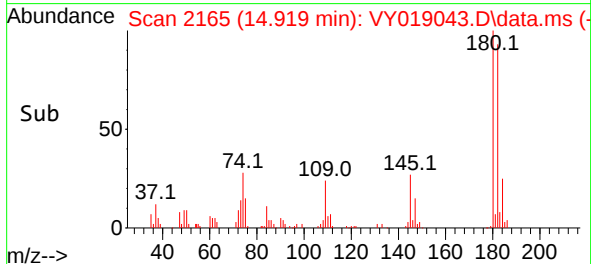
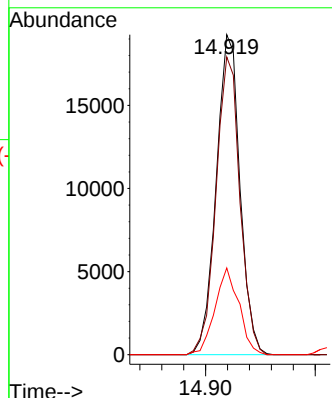
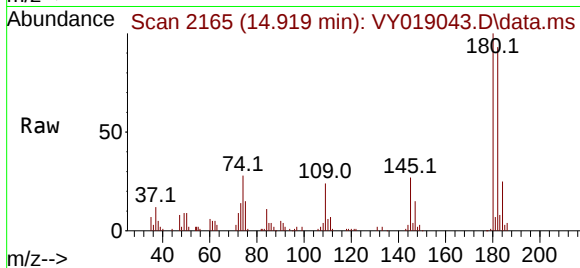
Tgt Ion:180 Resp: 29017

Ion Ratio Lower Upper

180 100

182 93.6 47.9 143.8

145 27.3 14.2 42.6



#94

Hexachlorobutadiene

Concen: 48.597 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.006 min

Lab File: VY019043.D

Acq: 13 Aug 2024 20:50

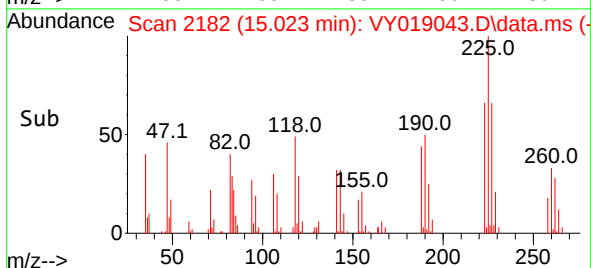
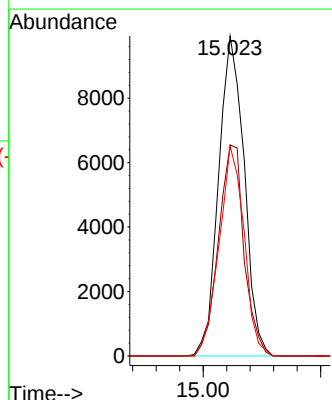
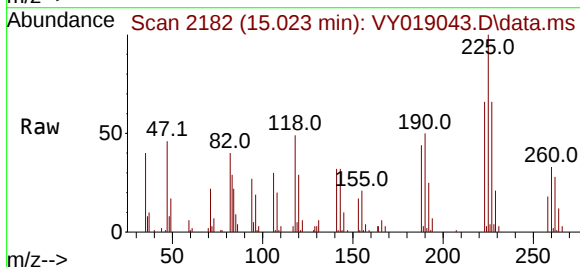
Tgt Ion:225 Resp: 14992

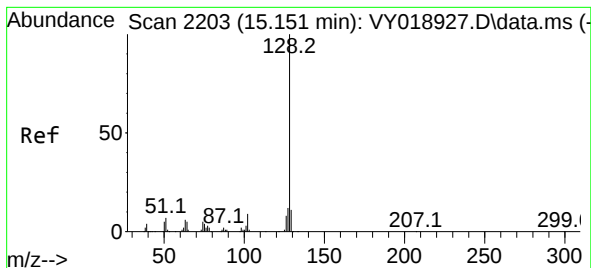
Ion Ratio Lower Upper

225 100

223 66.3 30.4 91.2

227 64.2 31.9 95.9





#95

Naphthalene

Concen: 47.110 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY019043.D

Acq: 13 Aug 2024 20:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

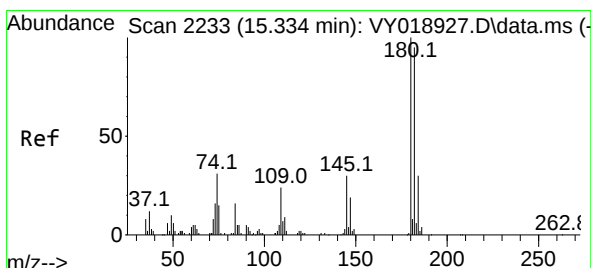
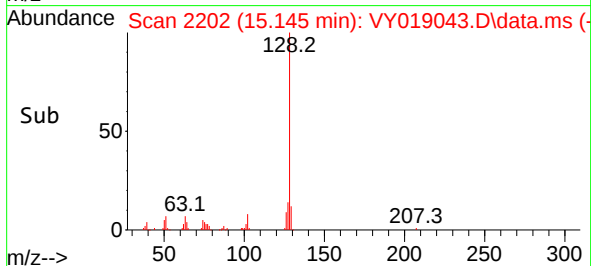
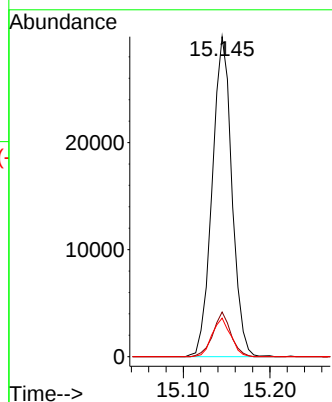
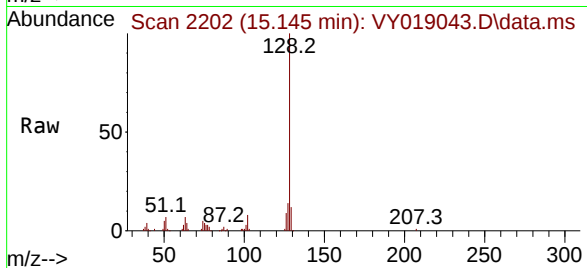
Tgt Ion:128 Resp: 47176

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

129 11.4 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 51.916 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY019043.D

Acq: 13 Aug 2024 20:50

Tgt Ion:180 Resp: 25066

Ion Ratio Lower Upper

180 100

182 90.8 47.6 142.9

145 28.6 15.4 46.1

