

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111324\
 Data File : VY020276.D
 Acq On : 13 Nov 2024 10:21
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 14 00:53:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	274170	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	8.622	114	476232	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	352799	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	165760	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	170279	49.763	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.520%
35) Dibromofluoromethane	7.646	113	165399	54.626	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.260%
50) Toluene-d8	10.115	98	543736	45.115	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.220%
62) 4-Bromofluorobenzene	12.407	95	183357	46.838	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	93.680%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	110004	43.344	ug/l	99
3) Chloromethane	2.074	50	188823	44.917	ug/l	100
4) Vinyl Chloride	2.214	62	204533	45.321	ug/l	99
5) Bromomethane	2.604	94	118363	39.503	ug/l	95
6) Chloroethane	2.745	64	133490	45.833	ug/l	98
7) Trichlorofluoromethane	3.068	101	304729	55.273	ug/l	93
8) Diethyl Ether	3.464	74	89592	58.265	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.830	101	155533	50.297	ug/l	93
10) Methyl Iodide	4.019	142	176580	59.146	ug/l	91
11) Tert butyl alcohol	4.884	59	49649	201.716	ug/l	# 78
12) 1,1-Dichloroethene	3.799	96	152336	51.488	ug/l	# 81
13) Acrolein	3.659	56	42732	139.466	ug/l	96
14) Allyl chloride	4.391	41	263419	49.348	ug/l	# 90
15) Acrylonitrile	5.067	53	190207	271.745	ug/l	98
16) Acetone	3.878	43	245894	309.005	ug/l	# 81
17) Carbon Disulfide	4.116	76	444722	45.168	ug/l	99
18) Methyl Acetate	4.391	43	91167	48.829	ug/l	90
19) Methyl tert-butyl Ether	5.128	73	425185	57.123	ug/l	99
20) Methylene Chloride	4.628	84	155167	43.407	ug/l	# 84
21) trans-1,2-Dichloroethene	5.128	96	181640	54.437	ug/l	86
22) Diisopropyl ether	6.031	45	585881	52.891	ug/l	# 92
23) Vinyl Acetate	5.970	43	1551483	248.877	ug/l	# 90
24) 1,1-Dichloroethane	5.927	63	316562	49.354	ug/l	97
25) 2-Butanone	6.902	43	264873	245.551	ug/l	# 83
26) 2,2-Dichloropropane	6.896	77	269477	50.495	ug/l	95
27) cis-1,2-Dichloroethene	6.902	96	189854	49.497	ug/l	84
28) Bromochloromethane	7.256	49	146993	48.942	ug/l	# 74
29) Tetrahydrofuran	7.268	42	148230	238.115	ug/l	# 83
30) Chloroform	7.427	83	319011	50.120	ug/l	99
31) Cyclohexane	7.713	56	275762	44.409	ug/l	89
32) 1,1,1-Trichloroethane	7.628	97	299122	53.828	ug/l	95
36) 1,1-Dichloropropene	7.841	75	239222	51.145	ug/l	94
37) Ethyl Acetate	6.994	43	107056	48.007	ug/l	95
38) Carbon Tetrachloride	7.829	117	256512	54.537	ug/l	95
39) Methylcyclohexane	9.115	83	283000	47.672	ug/l	# 86
40) Benzene	8.091	78	697754	51.108	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	60811	54.437	ug/l	87
42) 1,2-Dichloroethane	8.164	62	193052	51.086	ug/l	94
43) Isopropyl Acetate	8.201	43	213928	49.887	ug/l #	90
44) Trichloroethene	8.871	130	164163	51.881	ug/l	87
45) 1,2-Dichloropropane	9.146	63	164385	50.326	ug/l	98
46) Dibromomethane	9.237	93	87599	49.495	ug/l	89
47) Bromodichloromethane	9.426	83	252167	54.387	ug/l	99
48) Methyl methacrylate	9.225	41	97424	49.048	ug/l #	83
49) 1,4-Dioxane	9.237	88	16253	891.961	ug/l #	93
51) 4-Methyl-2-Pentanone	10.005	43	510579	231.074	ug/l	90
52) Toluene	10.176	92	387125	46.000	ug/l	100
53) t-1,3-Dichloropropene	10.402	75	186457	45.540	ug/l	96
54) cis-1,3-Dichloropropene	9.859	75	241463	49.410	ug/l #	84
55) 1,1,2-Trichloroethane	10.579	97	100185	45.527	ug/l	95
56) Ethyl methacrylate	10.444	69	145832	46.199	ug/l #	75
57) 1,3-Dichloropropane	10.719	76	182929	45.393	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	385019	247.323	ug/l	92
59) 2-Hexanone	10.761	43	372523	235.162	ug/l	87
60) Dibromochloromethane	10.914	129	131091	46.733	ug/l	98
61) 1,2-Dibromoethane	11.017	107	91252	44.633	ug/l	99
64) Tetrachloroethene	10.652	164	133848	57.460	ug/l	93
65) Chlorobenzene	11.444	112	400066	53.219	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.517	131	133798	55.709	ug/l	99
67) Ethyl Benzene	11.523	91	751230	53.460	ug/l	99
68) m/p-Xylenes	11.633	106	554203	107.795	ug/l	92
69) o-Xylene	11.956	106	261045	53.630	ug/l	92
70) Styrene	11.975	104	439641	54.627	ug/l	95
71) Bromoform	12.139	173	69768	56.624	ug/l #	96
73) Isopropylbenzene	12.261	105	706803	53.377	ug/l	97
74) N-ethyl acetate	12.078	43	168825	51.003	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.511	83	115584	49.910	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	81397m	52.385	ug/l	
77) Bromobenzene	12.535	156	143238	53.487	ug/l	84
78) n-propylbenzene	12.603	91	867417	52.634	ug/l	96
79) 2-Chlorotoluene	12.682	91	483792	52.886	ug/l	94
80) 1,3,5-Trimethylbenzene	12.743	105	570314	53.647	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.310	75	37642	52.108	ug/l #	81
82) 4-Chlorotoluene	12.779	91	495048	53.075	ug/l	94
83) tert-Butylbenzene	13.005	119	506272	54.461	ug/l	95
84) 1,2,4-Trimethylbenzene	13.048	105	564807	53.640	ug/l	96
85) sec-Butylbenzene	13.182	105	769721	53.936	ug/l	97
86) p-Isopropyltoluene	13.298	119	611268	53.377	ug/l	95
87) 1,3-Dichlorobenzene	13.291	146	289626	53.236	ug/l	97
88) 1,4-Dichlorobenzene	13.371	146	279778	51.641	ug/l	97
89) n-Butylbenzene	13.621	91	700144	60.989	ug/l	99
90) Hexachloroethane	13.883	117	119349	52.697	ug/l	85
91) 1,2-Dichlorobenzene	13.663	146	291738	61.693	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	17526	49.902	ug/l	74
93) 1,2,4-Trichlorobenzene	14.925	180	125365	49.350	ug/l	97
94) Hexachlorobutadiene	15.029	225	95150	68.498	ug/l	96
95) Naphthalene	15.151	128	284714	59.957	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	102677	47.615	ug/l	97

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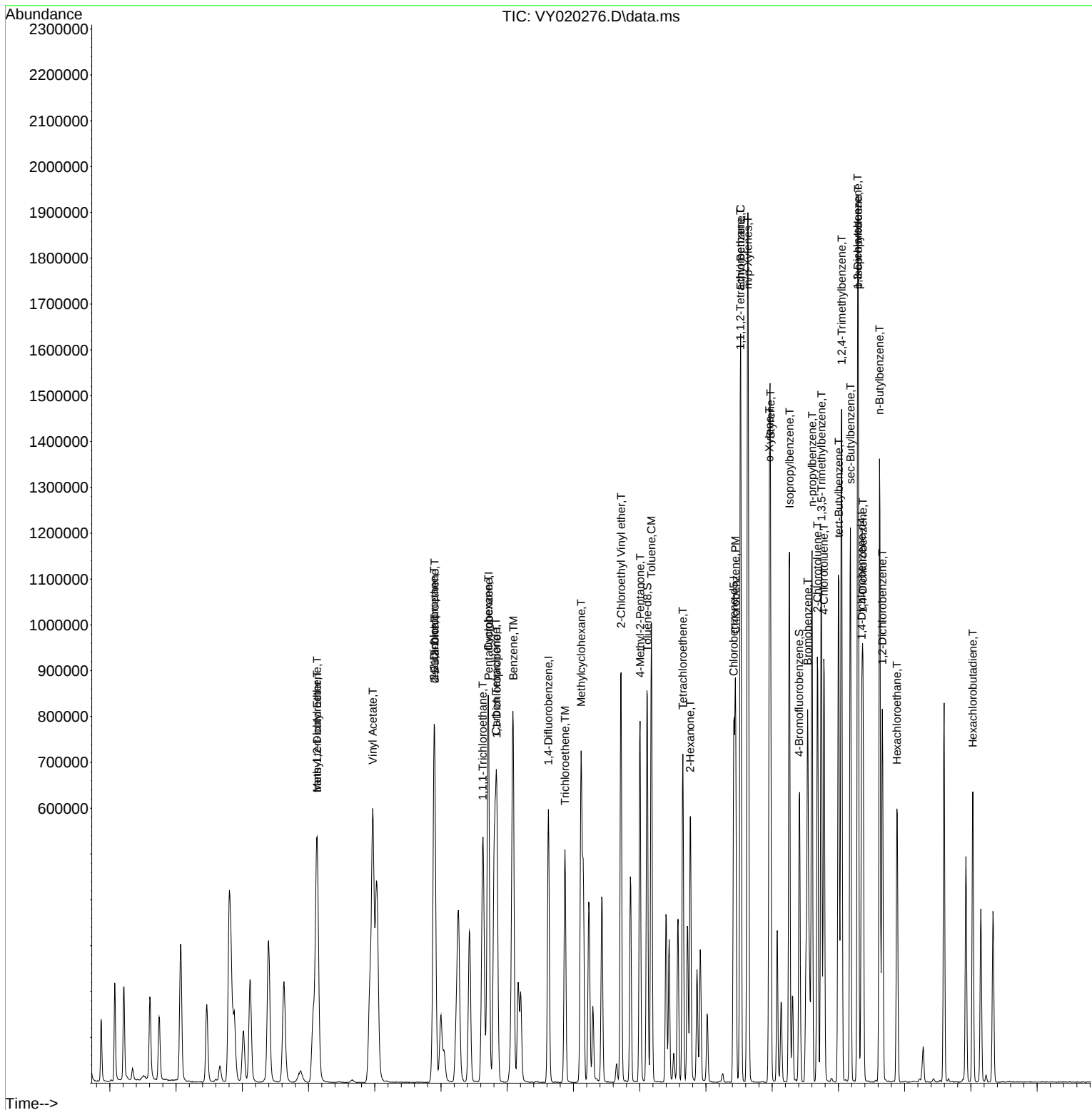
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MSVOA_Y
ClientSampleId :
VSTDCCC050

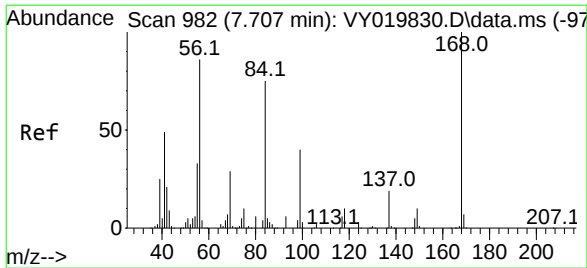
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Quant Title : SW846 8260
QLast Update : Thu Oct 31 15:23:13 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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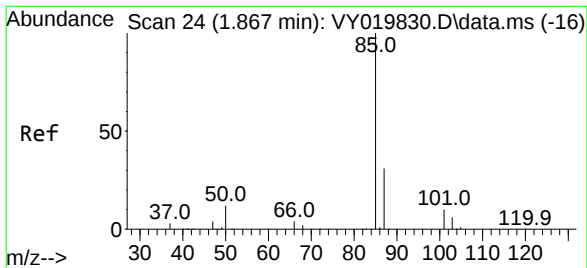
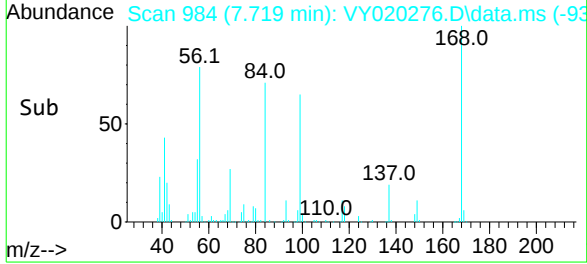
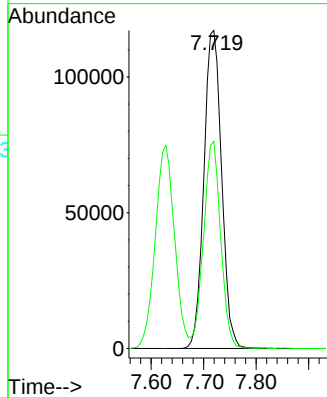
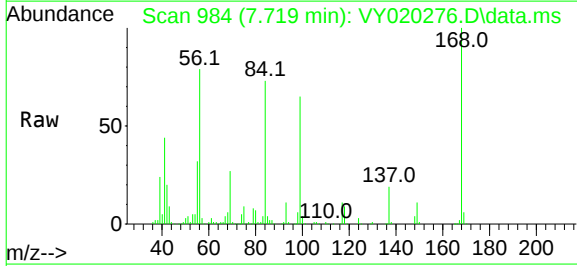




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 98
Delta R.T. 0.012 min
Lab File: VY020276.D
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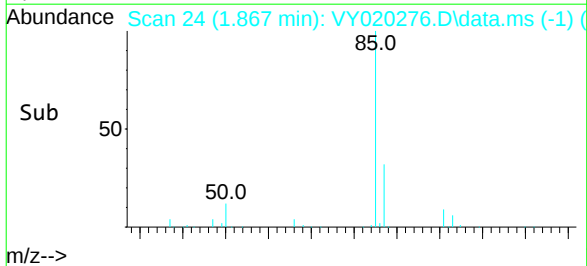
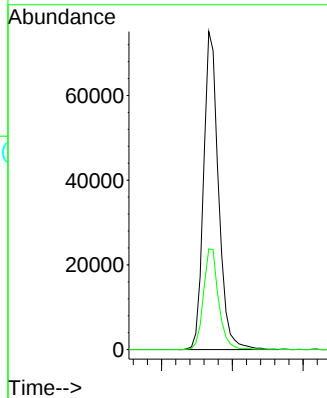
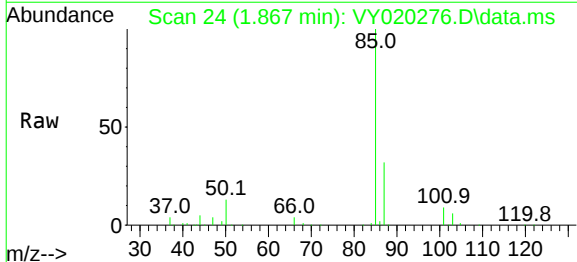
Instrument :
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ClientSampleId :
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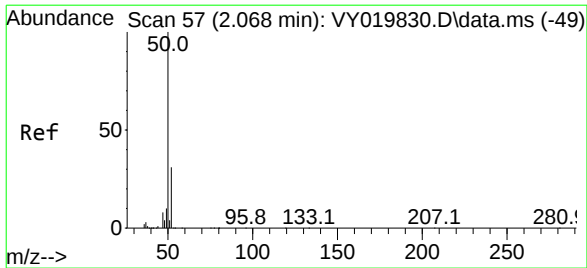
Tgt Ion: 168 Resp: 274170
Ion Ratio Lower Upper
168 100
99 65.0 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 43.344 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY020276.D
Acq: 13 Nov 2024 10:21

Tgt Ion: 85 Resp: 110004
Ion Ratio Lower Upper
85 100
87 31.7 16.0 48.0

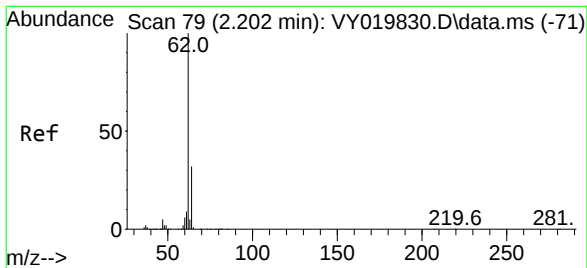
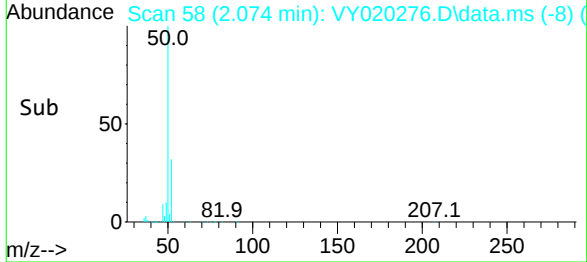
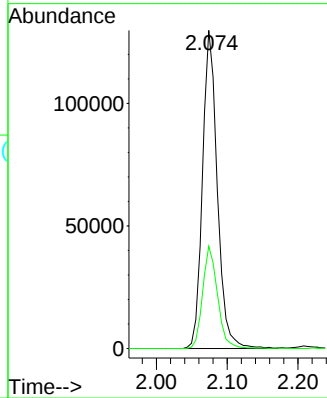
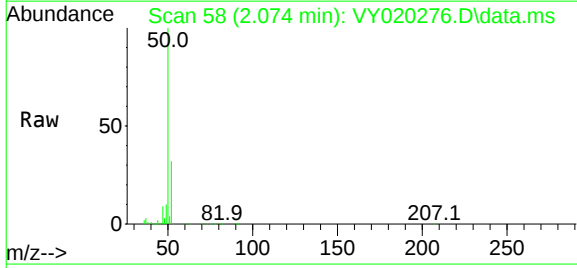




#3
Chloromethane
Concen: 44.917 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.006 min
Lab File: VY020276.D
Acq: 13 Nov 2024 10:21

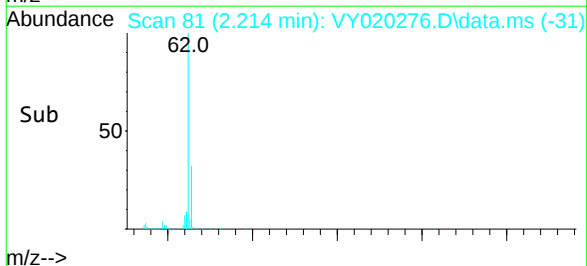
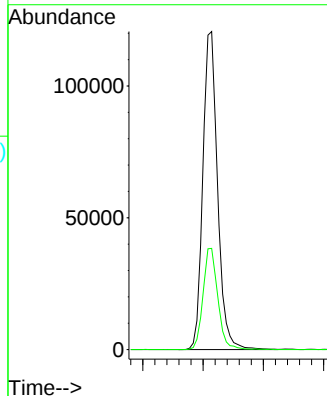
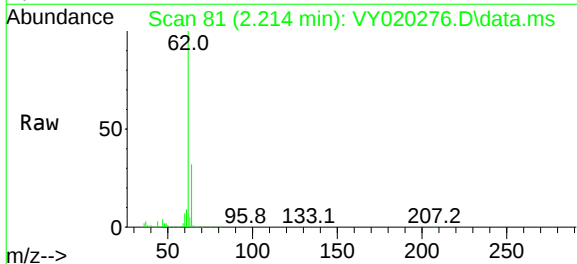
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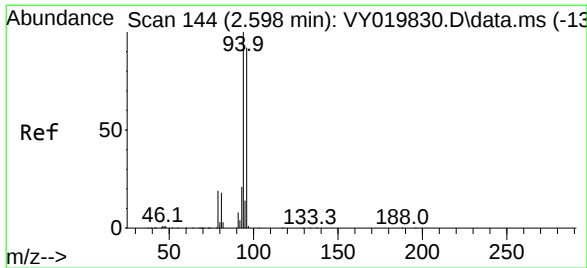
Tgt Ion: 50 Resp: 188823
Ion Ratio Lower Upper
50 100
52 32.2 25.6 38.4



#4
Vinyl Chloride
Concen: 45.321 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY020276.D
Acq: 13 Nov 2024 10:21

Tgt Ion: 62 Resp: 204533
Ion Ratio Lower Upper
62 100
64 31.8 26.1 39.1

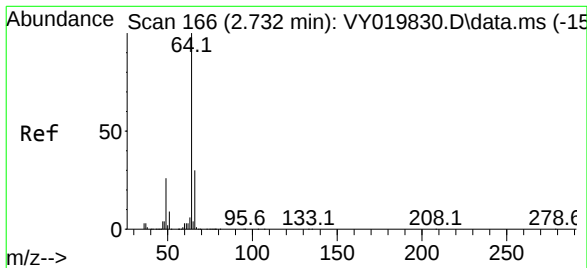
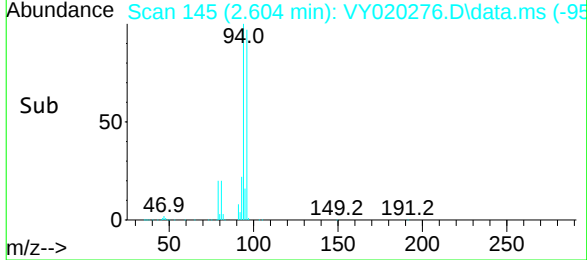
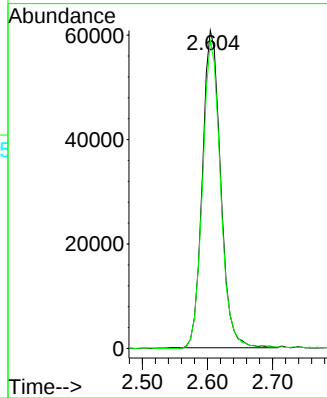
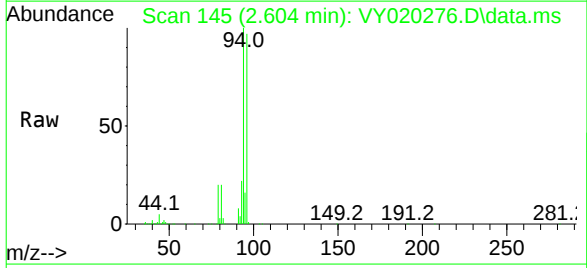




#5
Bromomethane
Concen: 39.503 ug/l
RT: 2.604 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY020276.D
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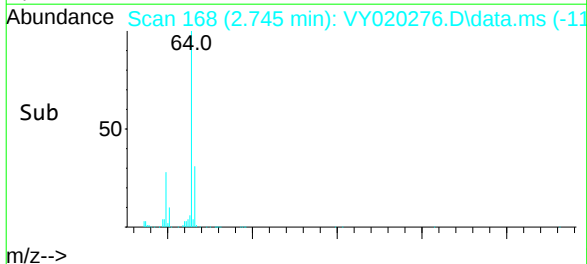
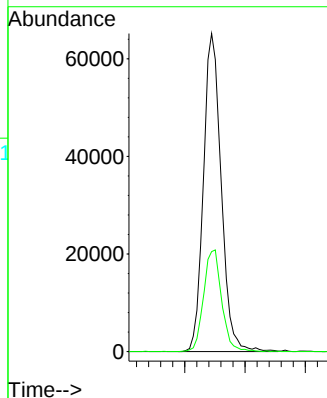
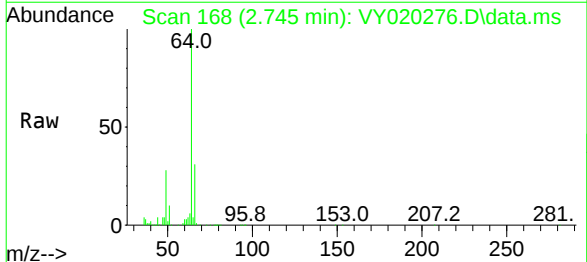
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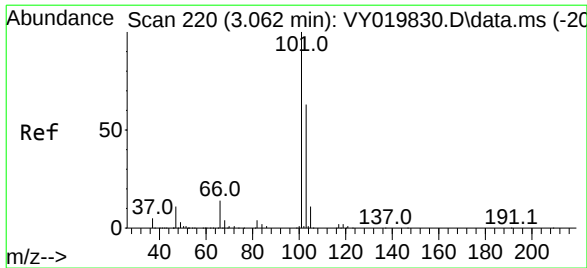
Tgt Ion: 94 Resp: 118363
Ion Ratio Lower Upper
94 100
96 97.0 74.1 111.1



#6
Chloroethane
Concen: 45.833 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.006 min
Lab File: VY020276.D
Acq: 13 Nov 2024 10:21

Tgt Ion: 64 Resp: 133490
Ion Ratio Lower Upper
64 100
66 31.4 26.1 39.1

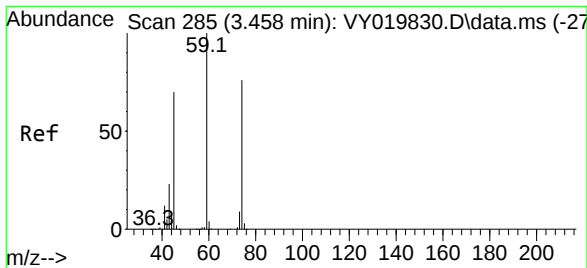
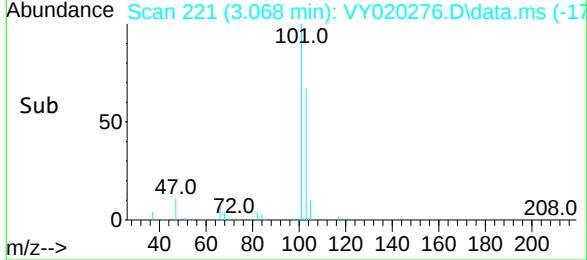
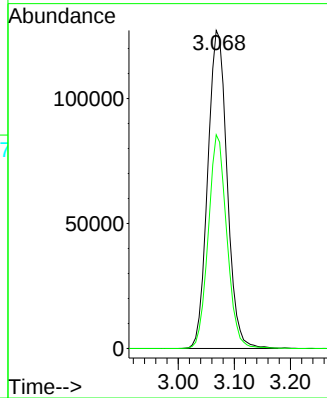
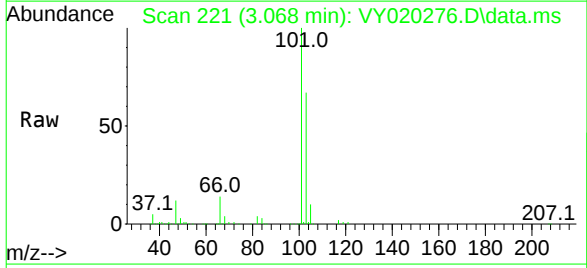




#7
 Trichlorofluoromethane
 Concen: 55.273 ug/l
 RT: 3.068 min Scan# 221
 Delta R.T. 0.006 min
 Lab File: VY020276.D
 Acq: 13 Nov 2024 10:21

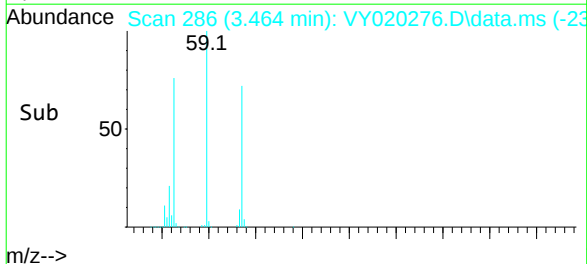
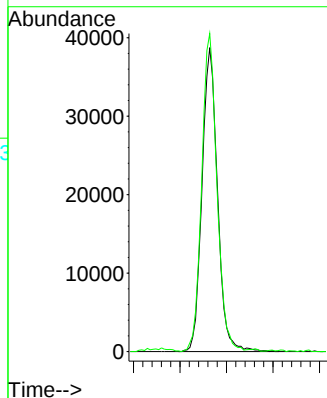
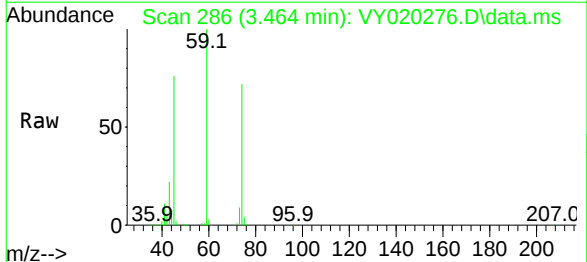
Instrument :
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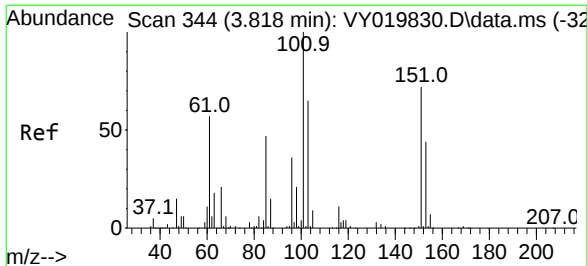
Tgt Ion:101 Resp: 304729
 Ion Ratio Lower Upper
 101 100
 103 67.2 49.3 73.9



#8
 Diethyl Ether
 Concen: 58.265 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. 0.006 min
 Lab File: VY020276.D
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Tgt Ion: 74 Resp: 89592
 Ion Ratio Lower Upper
 74 100
 45 103.4 41.3 124.1

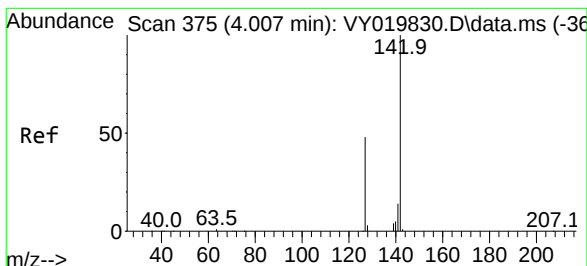
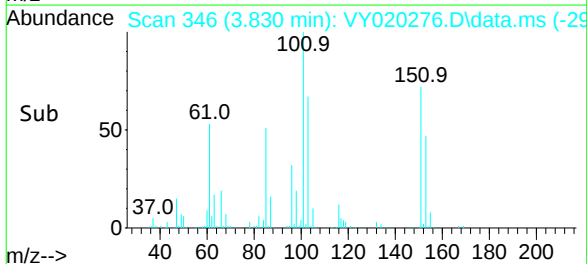
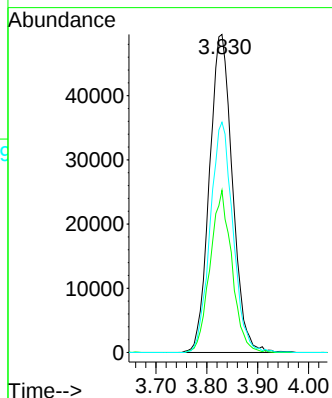
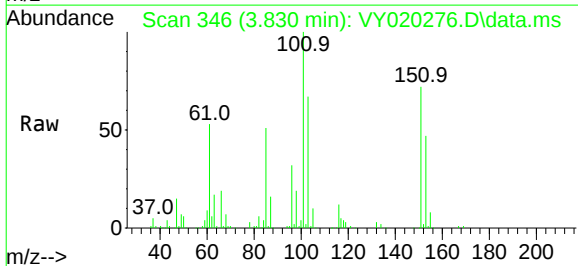




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.297 ug/l
RT: 3.830 min Scan# 344
Delta R.T. 0.018 min
Lab File: VY020276.D
Acq: 13 Nov 2024 10:21

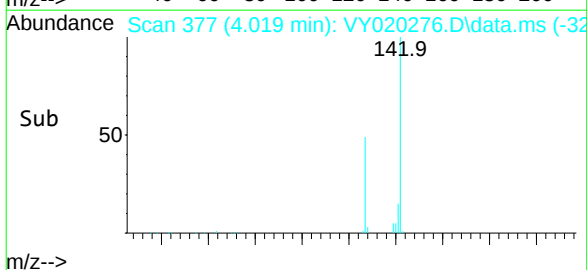
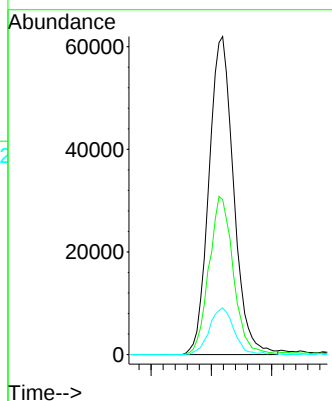
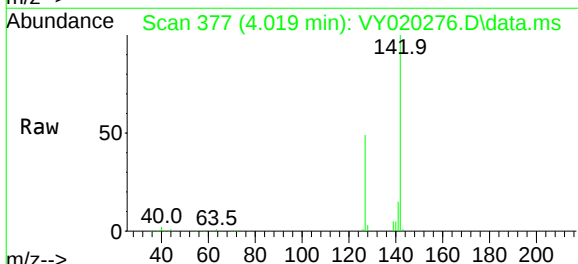
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

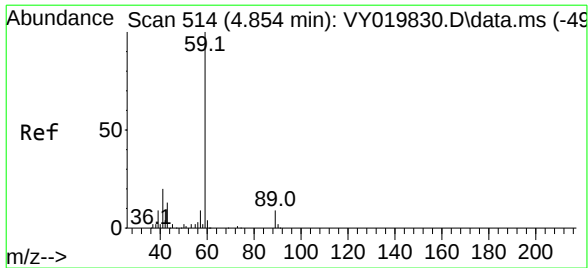
Tgt Ion:101 Resp: 155533
Ion Ratio Lower Upper
101 100
85 48.3 34.5 51.7
151 71.9 61.7 92.5



#10
Methyl Iodide
Concen: 59.146 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.012 min
Lab File: VY020276.D
Acq: 13 Nov 2024 10:21

Tgt Ion:142 Resp: 176580
Ion Ratio Lower Upper
142 100
127 48.8 32.8 49.2
141 14.7 11.4 17.2

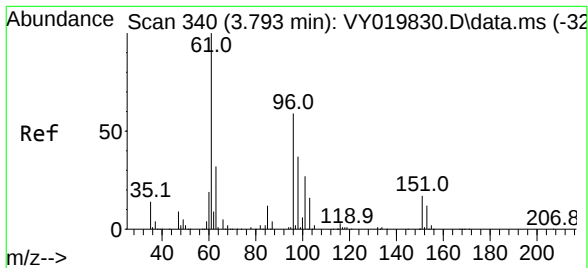
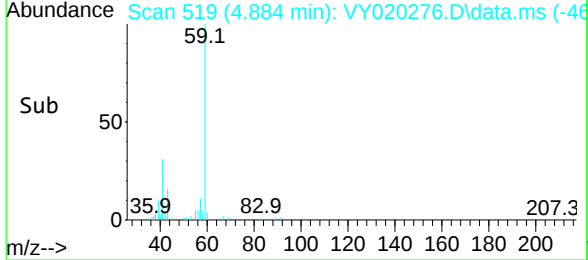
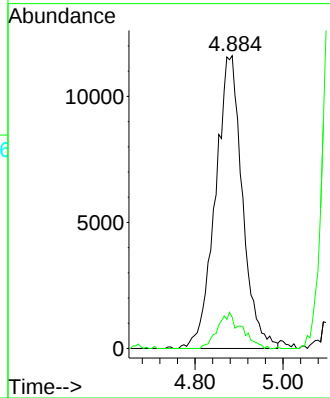
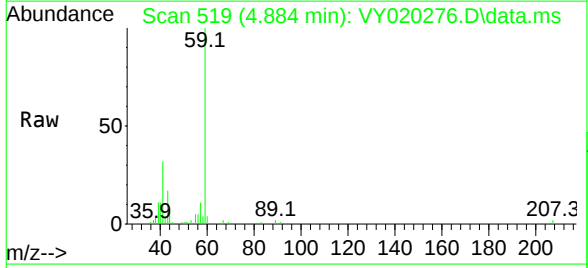




#11
Tert butyl alcohol
Concen: 201.716 ug/l
RT: 4.884 min Scan# 51
Delta R.T. 0.024 min
Lab File: VY020276.D
Acq: 13 Nov 2024 10:21

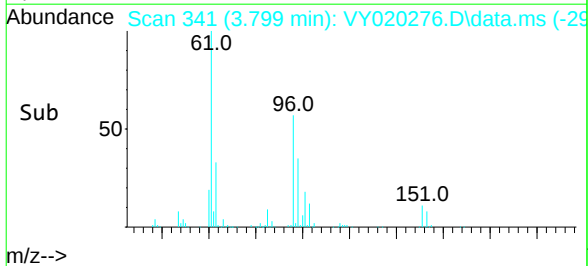
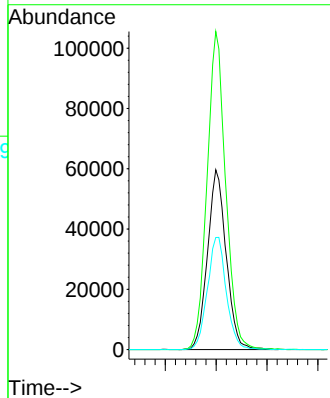
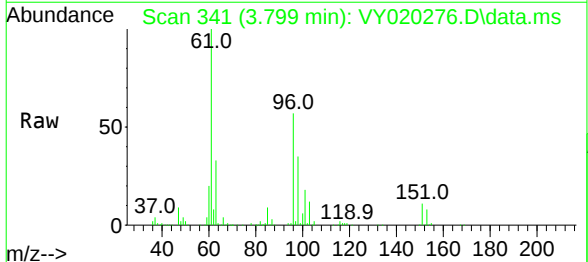
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

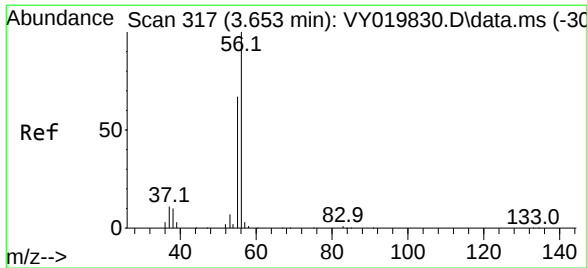
Tgt Ion: 59 Resp: 49649
Ion Ratio Lower Upper
59 100
57 11.0 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 51.488 ug/l
RT: 3.799 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY020276.D
Acq: 13 Nov 2024 10:21

Tgt Ion: 96 Resp: 152336
Ion Ratio Lower Upper
96 100
61 176.9 114.6 171.8#
98 62.3 50.8 76.2

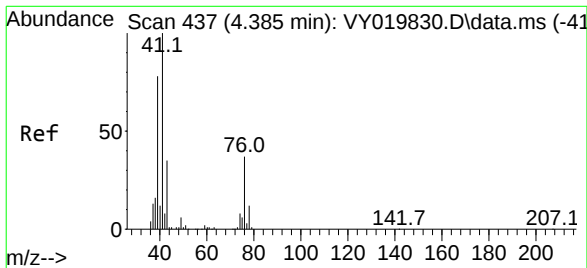
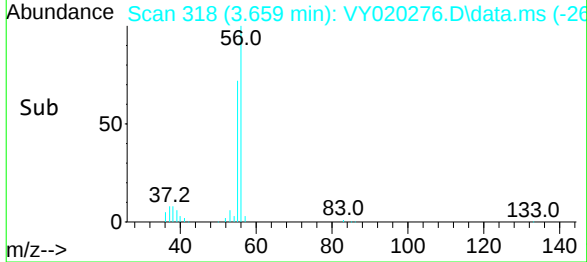
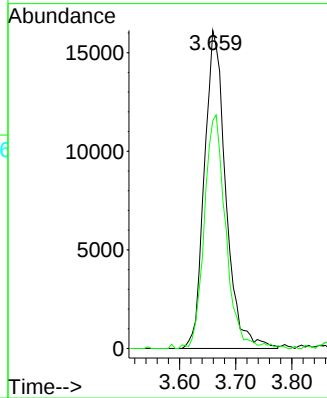
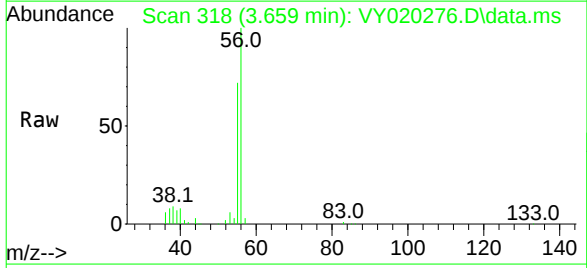




#13
Acrolein
Concen: 139.466 ug/l
RT: 3.659 min Scan# 317
Delta R.T. 0.006 min
Lab File: VY020276.D
Acq: 13 Nov 2024 10:21

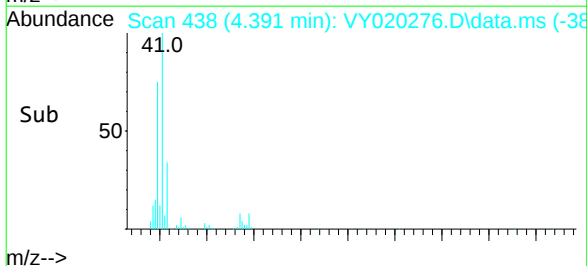
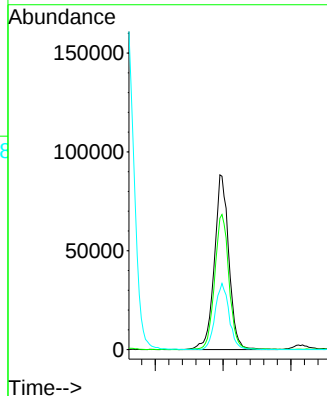
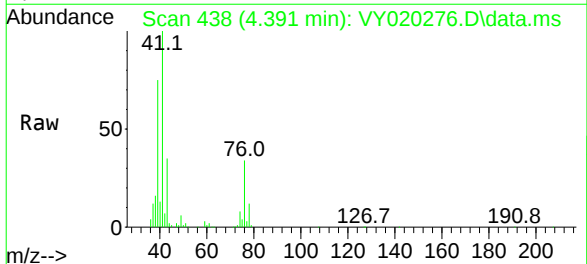
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

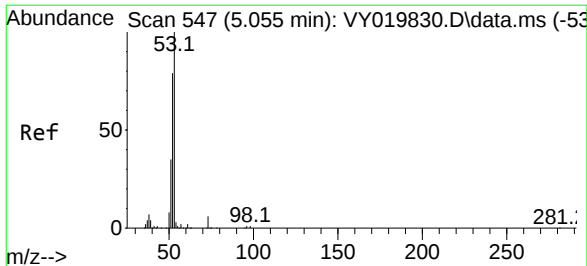
Tgt Ion: 56 Resp: 42732
Ion Ratio Lower Upper
56 100
55 72.7 55.7 83.5



#14
Allyl chloride
Concen: 49.348 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY020276.D
Acq: 13 Nov 2024 10:21

Tgt Ion: 41 Resp: 263419
Ion Ratio Lower Upper
41 100
39 76.1 58.3 87.5
76 36.4 39.0 58.6#

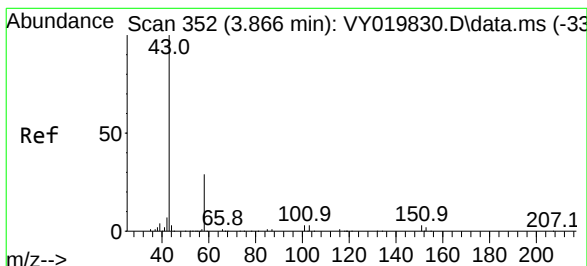
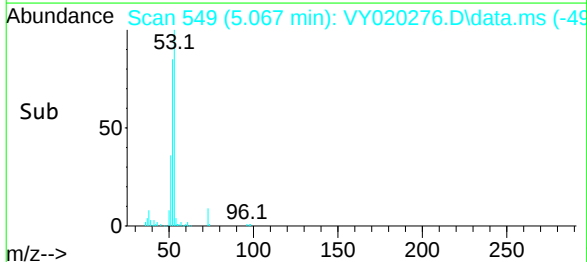
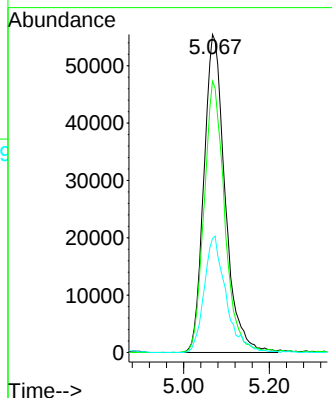
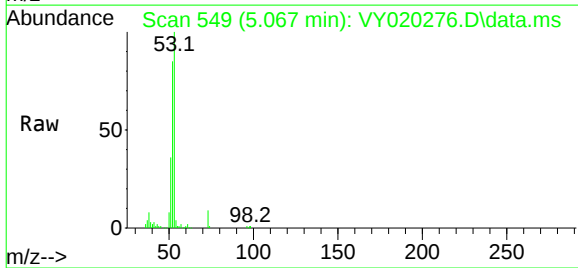




#15
Acrylonitrile
Concen: 271.745 ug/l
RT: 5.067 min Scan# 54
Delta R.T. 0.012 min
Lab File: VY020276.D
Acq: 13 Nov 2024 10:21

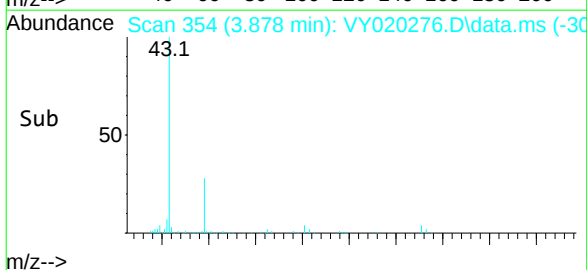
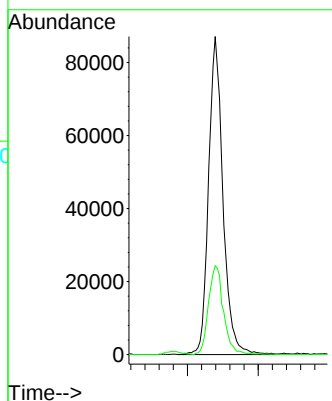
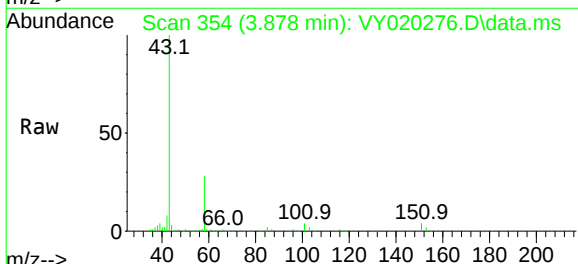
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

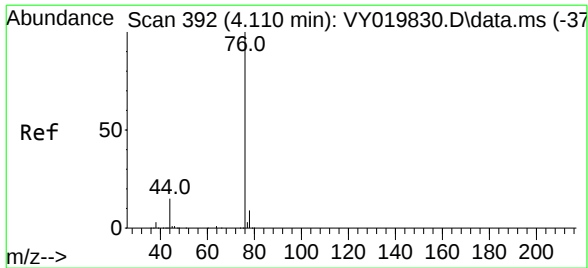
Tgt Ion: 53 Resp: 190207
Ion Ratio Lower Upper
53 100
52 82.5 64.7 97.1
51 37.8 28.4 42.6



#16
Acetone
Concen: 309.005 ug/l
RT: 3.878 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY020276.D
Acq: 13 Nov 2024 10:21

Tgt Ion: 43 Resp: 245894
Ion Ratio Lower Upper
43 100
58 27.9 31.7 47.5#

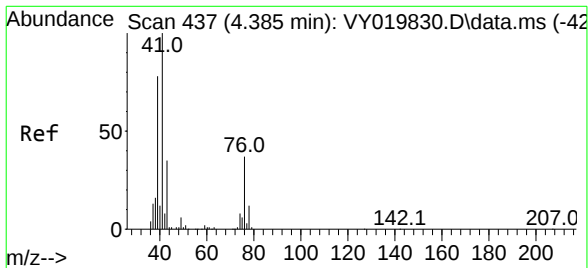
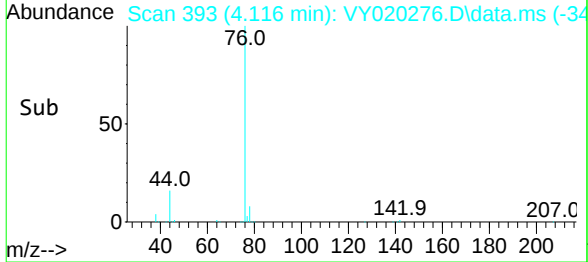
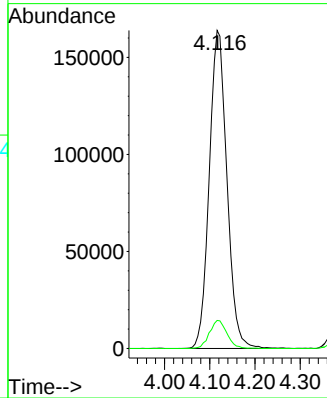
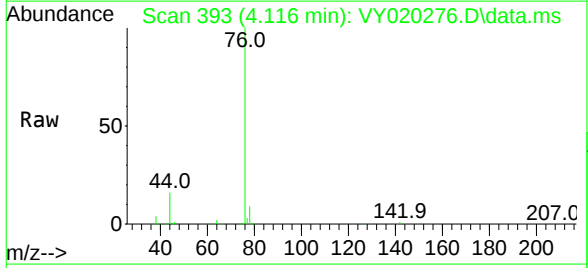




#17
Carbon Disulfide
Concen: 45.168 ug/l
RT: 4.116 min Scan# 39
Delta R.T. 0.012 min
Lab File: VY020276.D
Acq: 13 Nov 2024 10:21

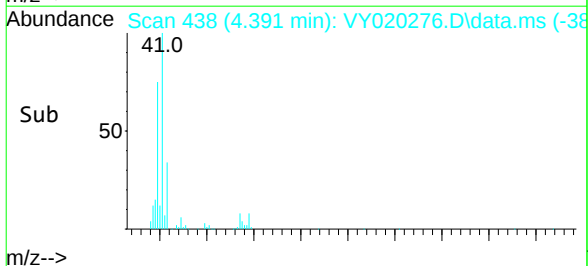
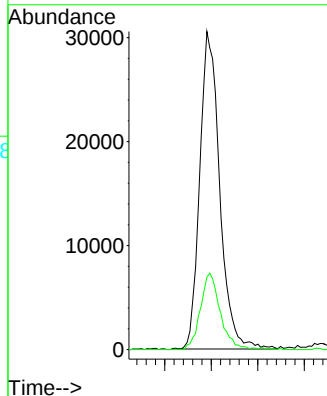
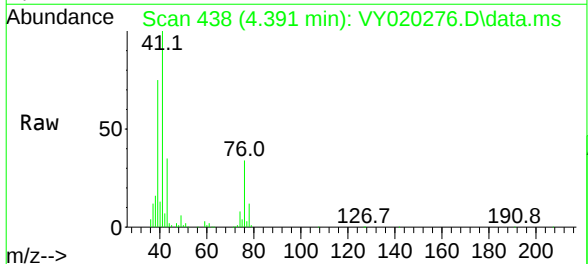
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

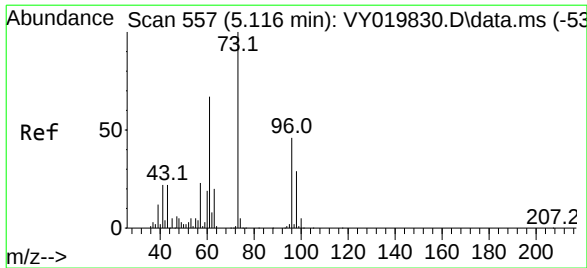
Tgt Ion: 76 Resp: 444722
Ion Ratio Lower Upper
76 100
78 8.8 6.8 10.2



#18
Methyl Acetate
Concen: 48.829 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY020276.D
Acq: 13 Nov 2024 10:21

Tgt Ion: 43 Resp: 91167
Ion Ratio Lower Upper
43 100
74 23.9 23.3 34.9

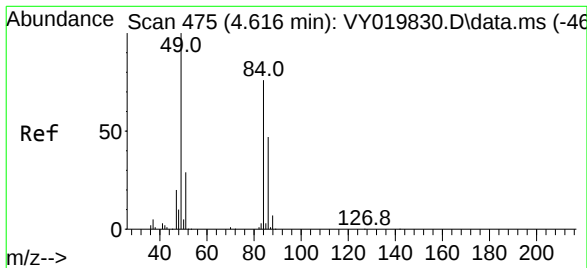
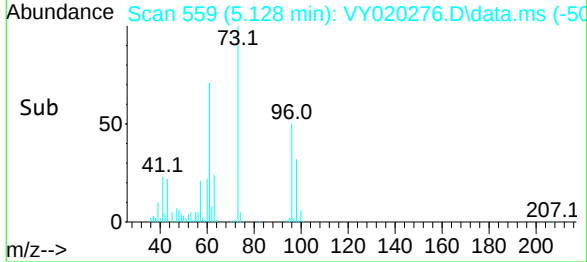
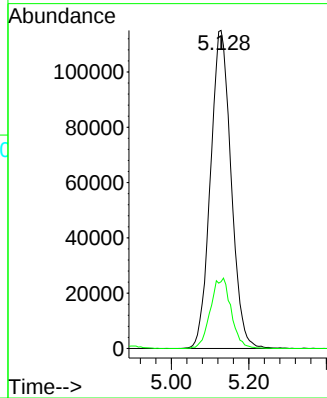
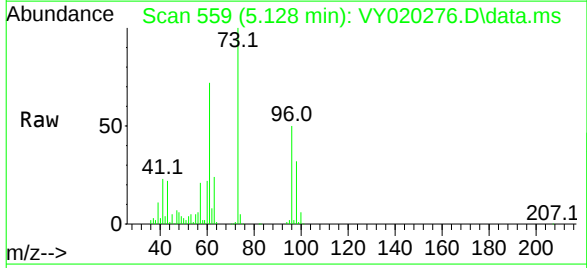




#19
Methyl tert-butyl Ether
Concen: 57.123 ug/l
RT: 5.128 min Scan# 557
Delta R.T. 0.012 min
Lab File: VY020276.D
Acq: 13 Nov 2024 10:21

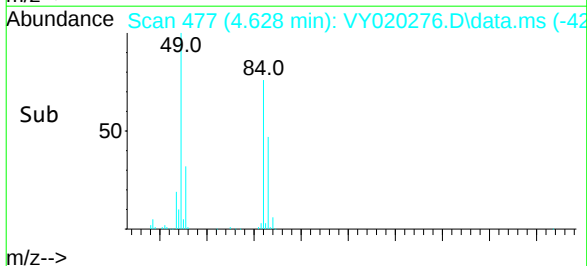
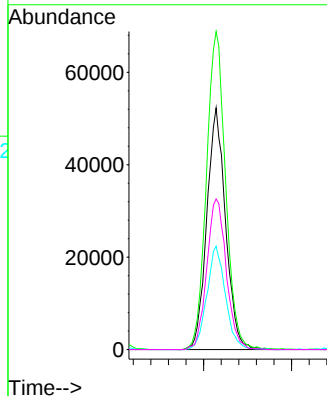
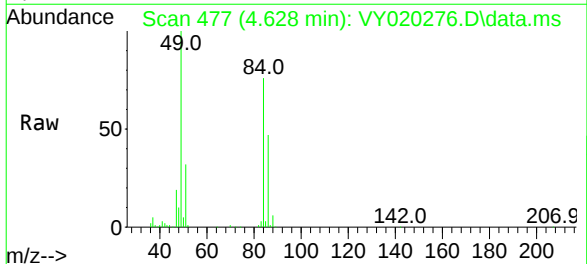
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

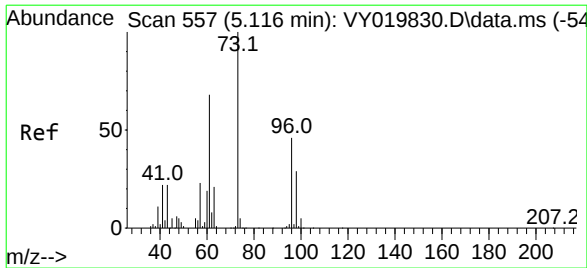
Tgt Ion: 73 Resp: 425185
Ion Ratio Lower Upper
73 100
57 21.0 17.3 25.9



#20
Methylene Chloride
Concen: 43.407 ug/l
RT: 4.628 min Scan# 477
Delta R.T. 0.012 min
Lab File: VY020276.D
Acq: 13 Nov 2024 10:21

Tgt Ion: 84 Resp: 155167
Ion Ratio Lower Upper
84 100
49 131.6 84.4 126.6#
51 42.8 26.0 39.0#
86 62.3 49.5 74.3

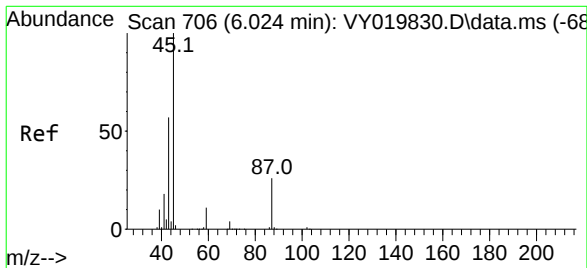
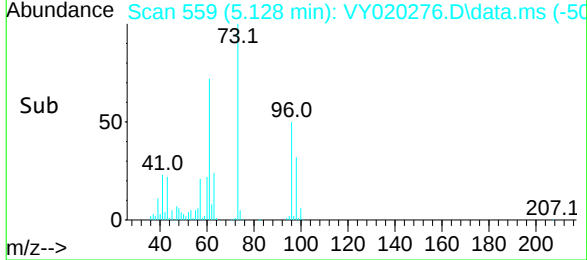
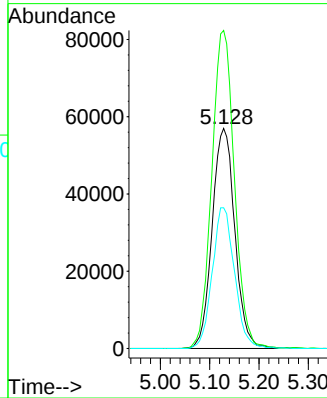
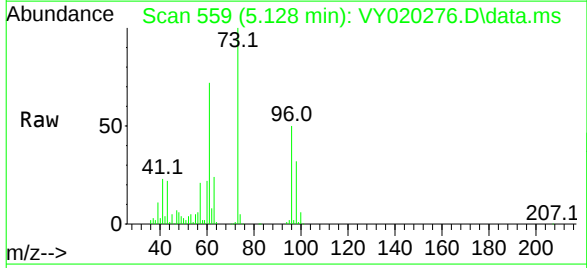




#21
trans-1,2-Dichloroethene
Concen: 54.437 ug/l
RT: 5.128 min Scan# 557
Delta R.T. 0.018 min
Lab File: VY020276.D
Acq: 13 Nov 2024 10:21

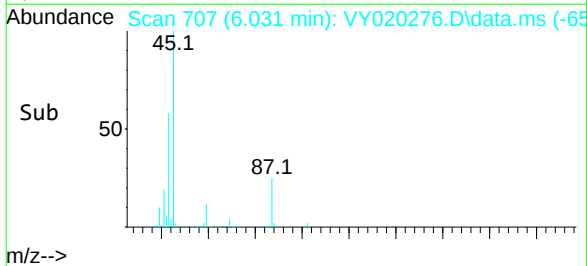
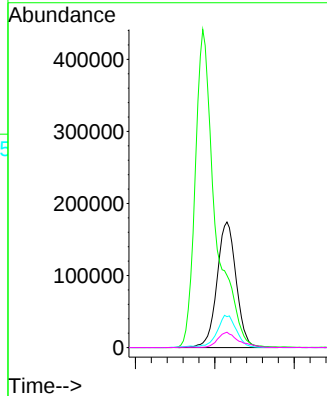
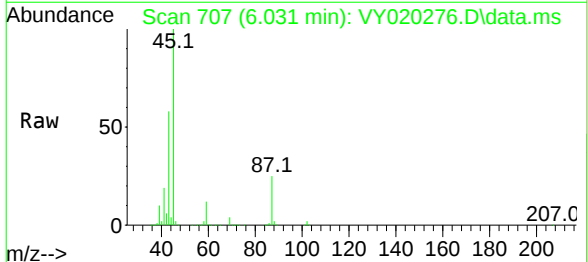
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

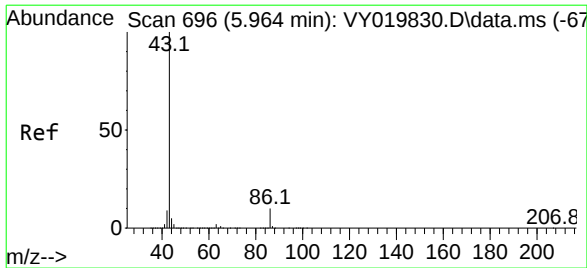
Tgt Ion: 96 Resp: 181640
Ion Ratio Lower Upper
96 100
61 144.5 97.5 146.3
98 63.9 50.5 75.7



#22
Diisopropyl ether
Concen: 52.891 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.012 min
Lab File: VY020276.D
Acq: 13 Nov 2024 10:21

Tgt Ion: 45 Resp: 585881
Ion Ratio Lower Upper
45 100
43 57.1 42.2 63.2
87 24.6 25.0 37.6#
59 12.2 10.5 15.7





#23

Vinyl Acetate

Concen: 248.877 ug/l

RT: 5.970 min Scan# 69

Delta R.T. 0.012 min

Lab File: VY020276.D

Acq: 13 Nov 2024 10:21

Instrument :

MSVOA_Y

ClientSampleId :

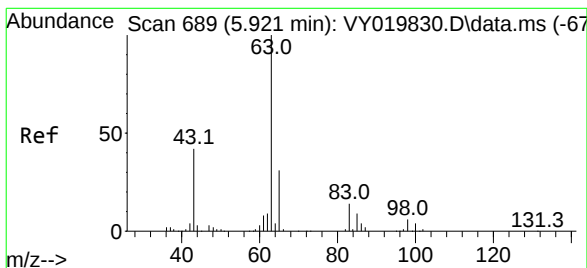
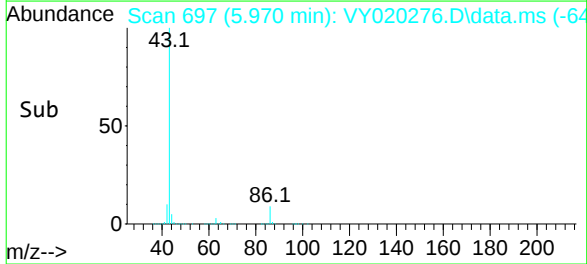
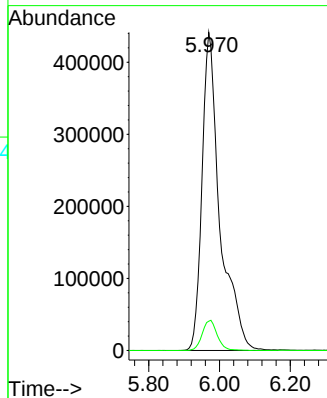
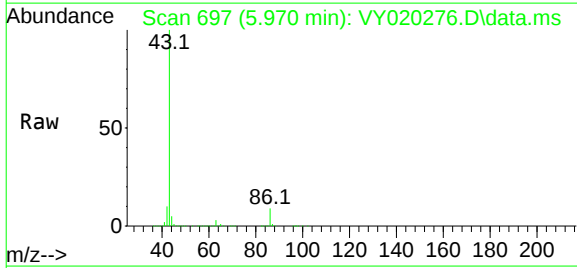
VSTDCCC050

Tgt Ion: 43 Resp: 1551483

Ion Ratio Lower Upper

43 100

86 9.2 10.6 16.0#



#24

1,1-Dichloroethane

Concen: 49.354 ug/l

RT: 5.927 min Scan# 690

Delta R.T. 0.012 min

Lab File: VY020276.D

Acq: 13 Nov 2024 10:21

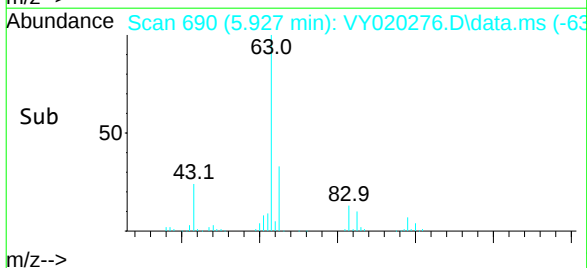
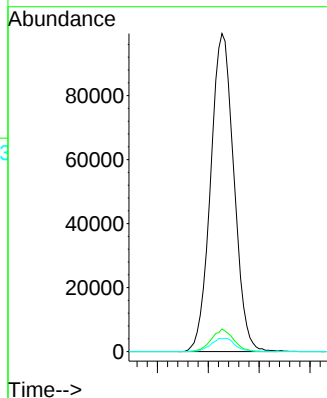
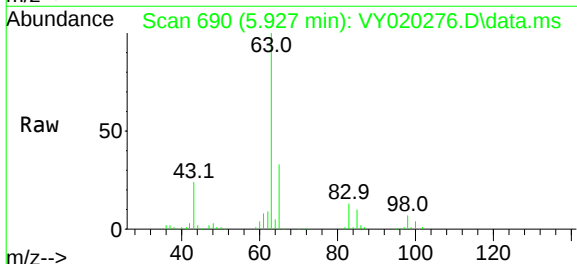
Tgt Ion: 63 Resp: 316562

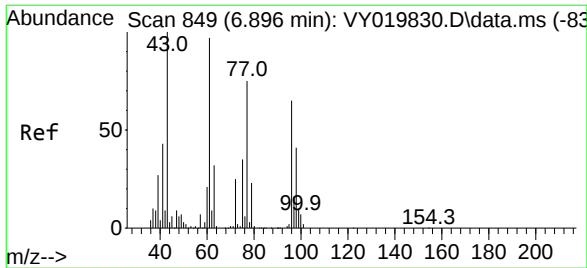
Ion Ratio Lower Upper

63 100

98 7.1 4.0 12.2

100 4.0 2.6 8.0

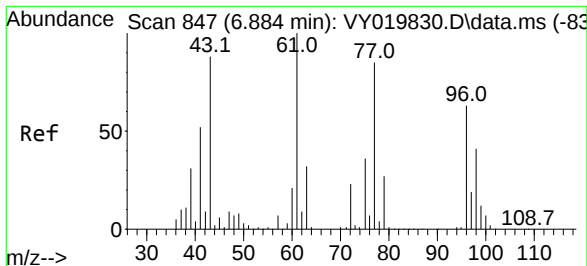
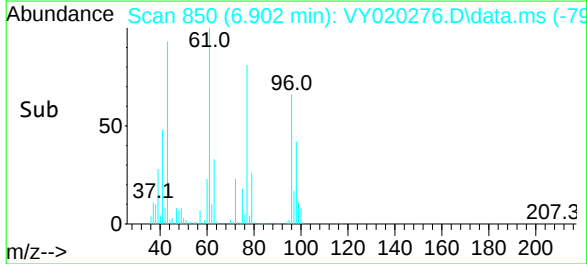
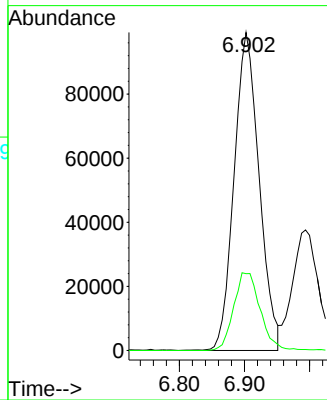
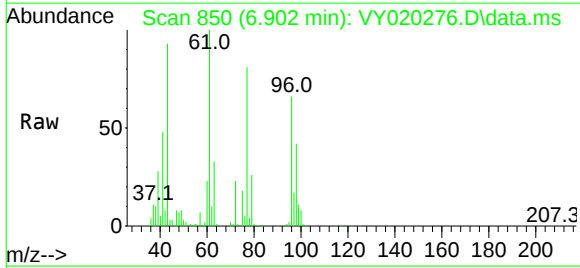




#25
2-Butanone
Concen: 245.551 ug/l
RT: 6.902 min Scan# 85
Delta R.T. 0.012 min
Lab File: VY020276.D
Acq: 13 Nov 2024 10:21

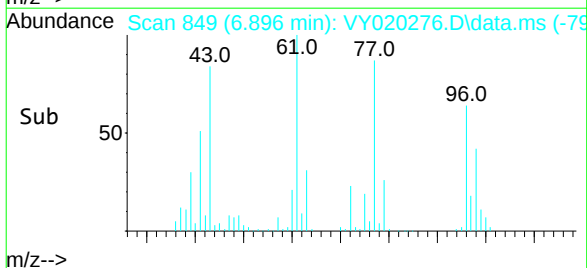
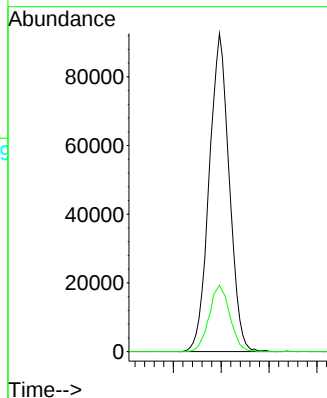
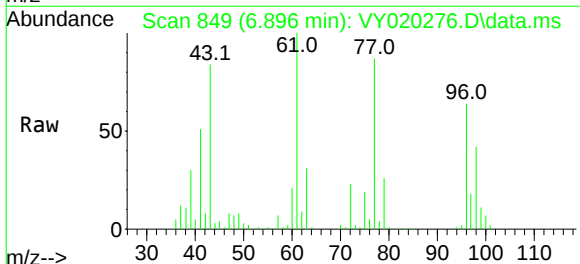
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

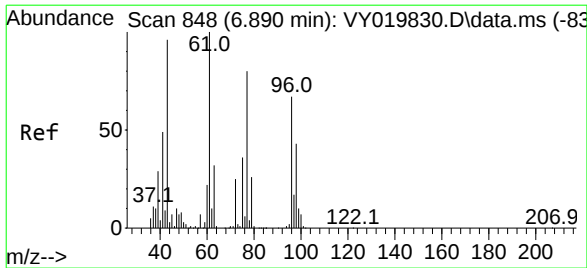
Tgt Ion: 43 Resp: 264873
Ion Ratio Lower Upper
43 100
72 24.2 27.3 40.9#



#26
2,2-Dichloropropane
Concen: 50.495 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY020276.D
Acq: 13 Nov 2024 10:21

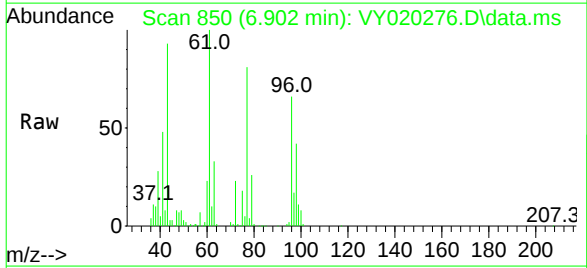
Tgt Ion: 77 Resp: 269477
Ion Ratio Lower Upper
77 100
97 21.5 12.0 36.1



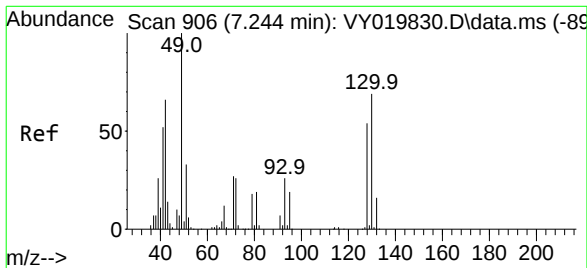
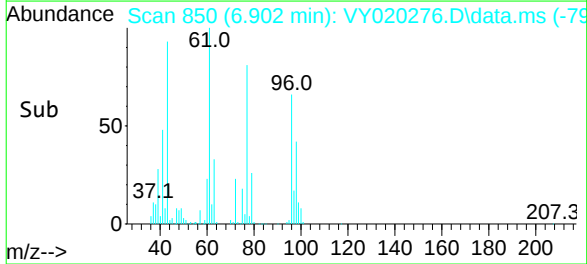
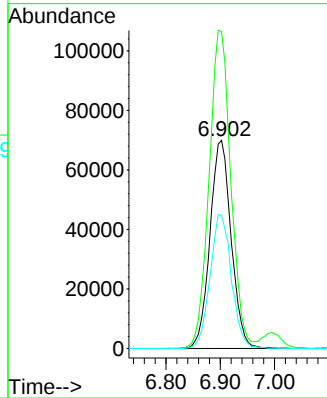


#27
cis-1,2-Dichloroethene
Concen: 49.497 ug/l
RT: 6.902 min Scan# 85
Delta R.T. 0.012 min
Lab File: VY020276.D
Acq: 13 Nov 2024 10:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

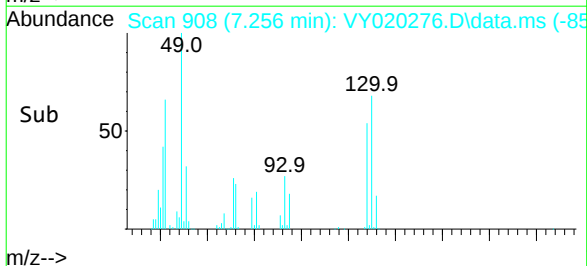
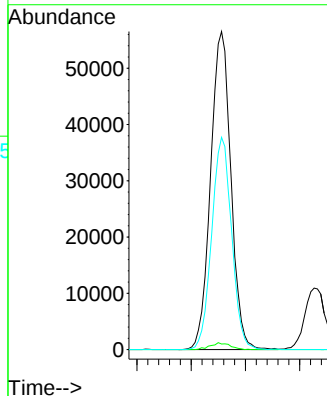
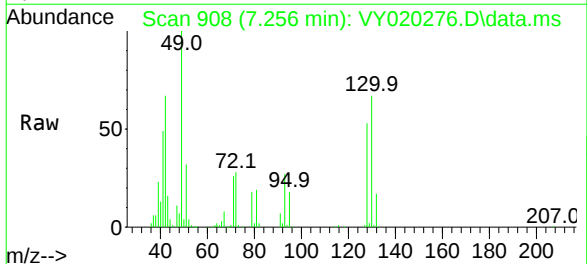


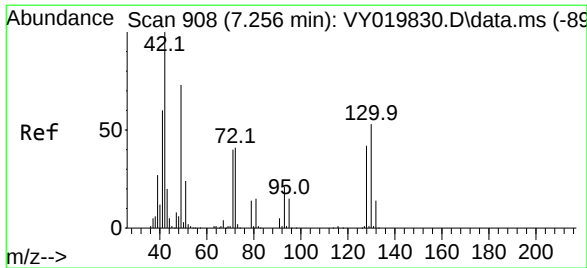
Tgt Ion: 96 Resp: 189854
Ion Ratio Lower Upper
96 100
61 156.6 0.0 256.2
98 64.8 0.0 130.0



#28
Bromochloromethane
Concen: 48.942 ug/l
RT: 7.256 min Scan# 908
Delta R.T. 0.012 min
Lab File: VY020276.D
Acq: 13 Nov 2024 10:21

Tgt Ion: 49 Resp: 146993
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.6
130 65.5 72.7 109.1#





#29

Tetrahydrofuran

Concen: 238.115 ug/l

RT: 7.268 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY020276.D

Acq: 13 Nov 2024 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

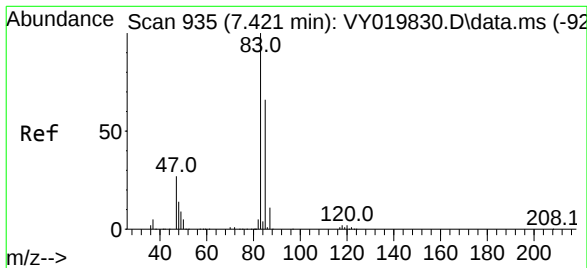
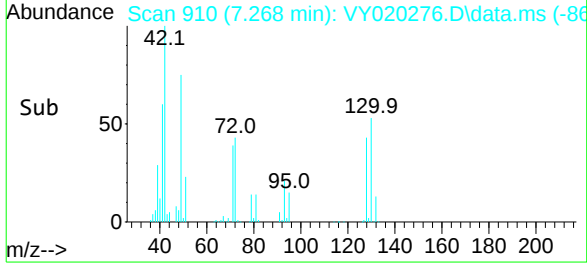
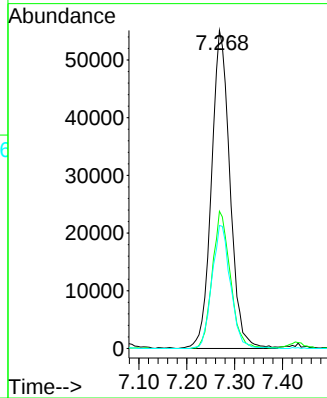
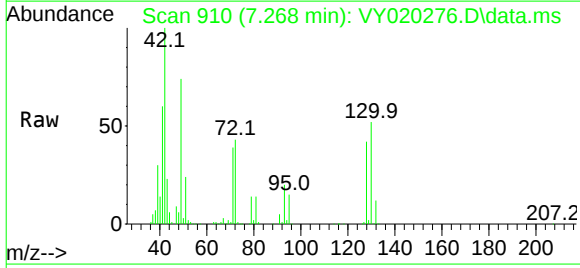
Tgt Ion: 42 Resp: 148230

Ion Ratio Lower Upper

42 100

72 41.9 43.0 64.4#

71 38.5 40.8 61.2#



#30

Chloroform

Concen: 50.120 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY020276.D

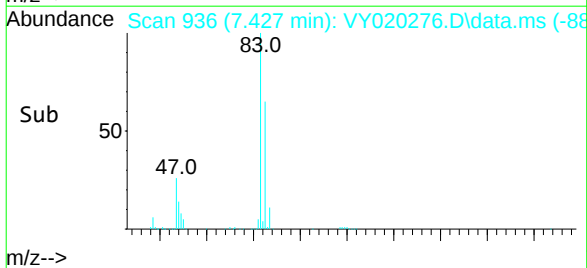
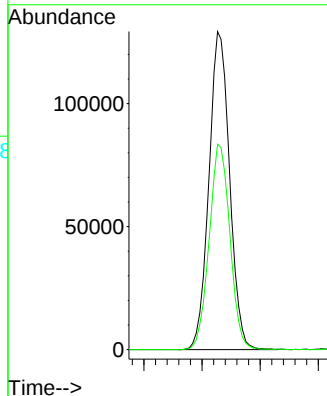
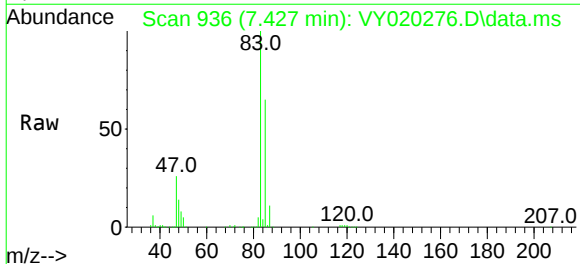
Acq: 13 Nov 2024 10:21

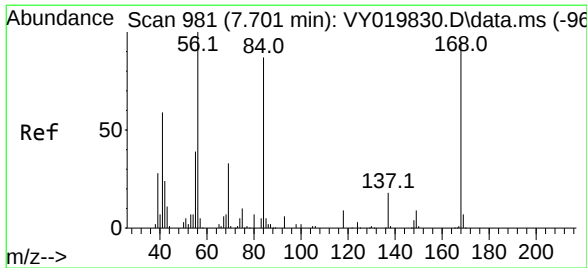
Tgt Ion: 83 Resp: 319011

Ion Ratio Lower Upper

83 100

85 64.6 52.2 78.4





#31

Cyclohexane

Concen: 44.409 ug/l

RT: 7.713 min Scan# 981

Delta R.T. 0.012 min

Lab File: VY020276.D

Acq: 13 Nov 2024 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

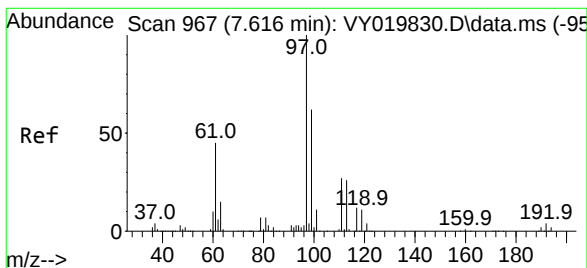
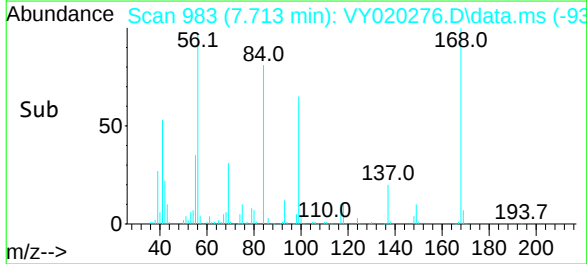
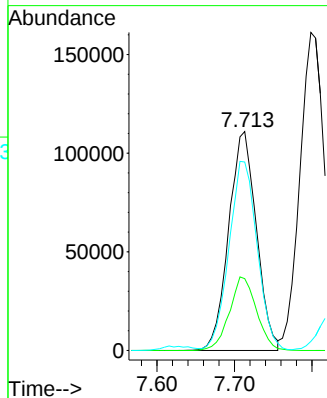
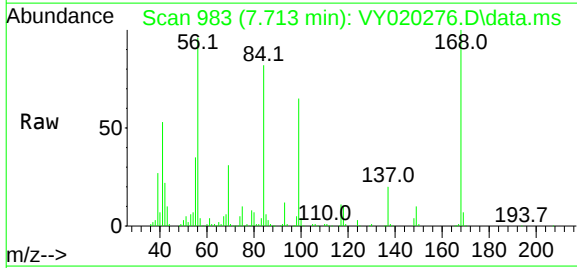
Tgt Ion: 56 Resp: 275762

Ion Ratio Lower Upper

56 100

69 32.8 28.7 43.1

84 84.2 77.7 116.5



#32

1,1,1-Trichloroethane

Concen: 53.828 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.012 min

Lab File: VY020276.D

Acq: 13 Nov 2024 10:21

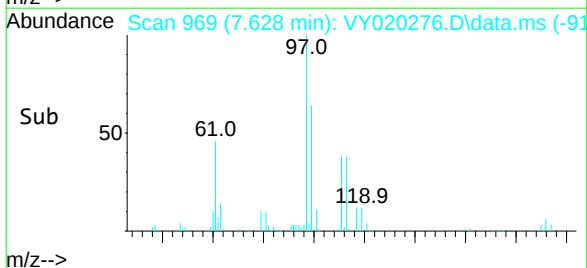
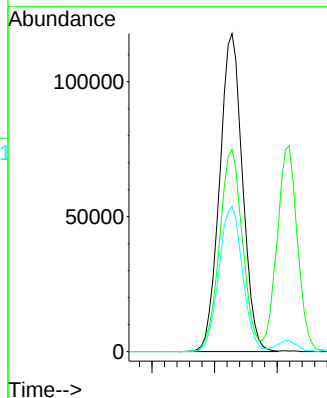
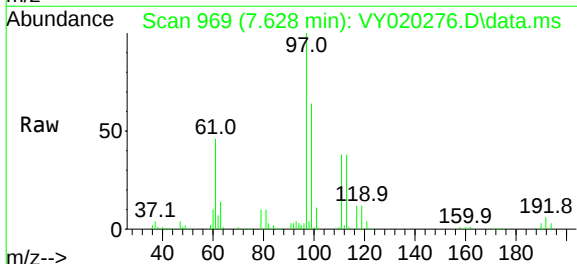
Tgt Ion: 97 Resp: 299122

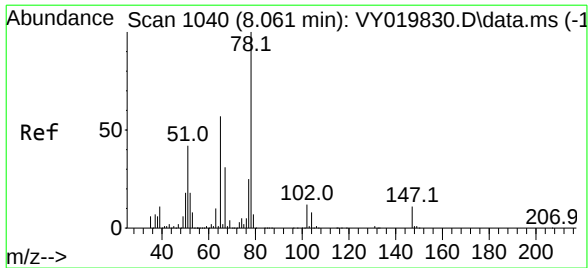
Ion Ratio Lower Upper

97 100

99 64.3 50.3 75.5

61 47.3 32.6 48.8

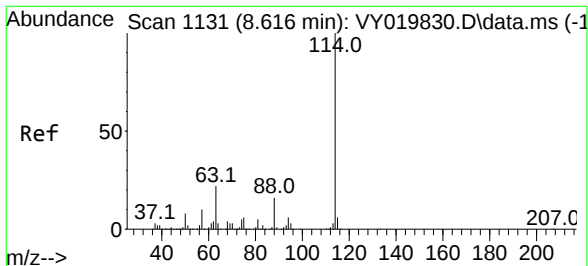
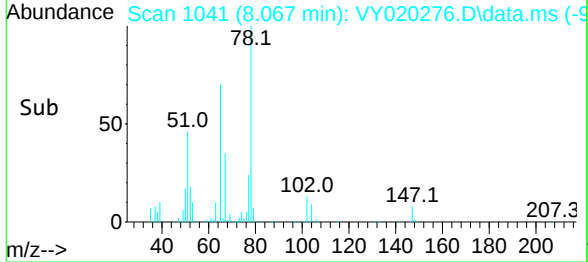
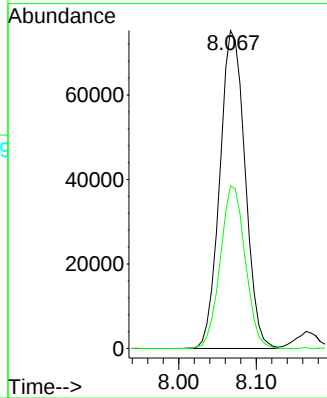
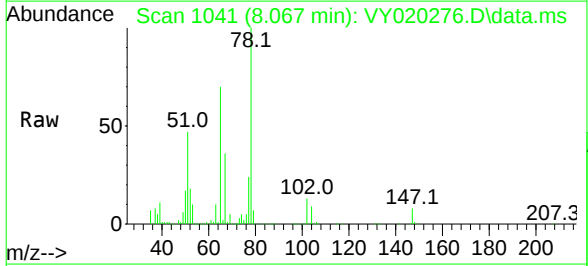




#33
1,2-Dichloroethane-d4
Concen: 49.763 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020276.D
Acq: 13 Nov 2024 10:21

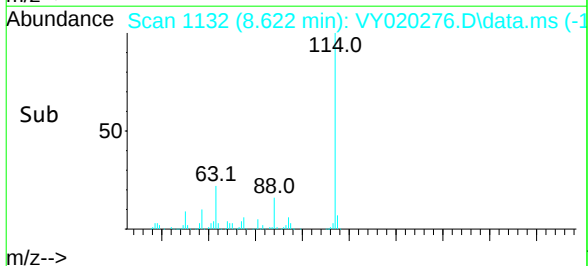
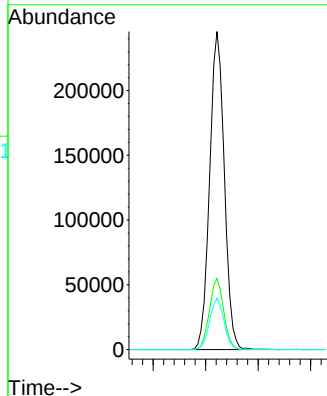
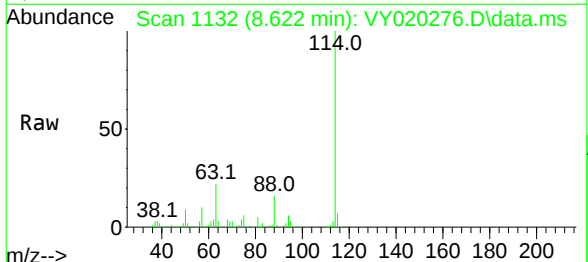
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

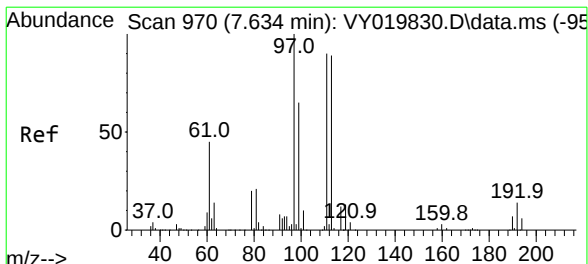
Tgt Ion: 65 Resp: 170279
Ion Ratio Lower Upper
65 100
67 50.6 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VY020276.D
Acq: 13 Nov 2024 10:21

Tgt Ion: 114 Resp: 476232
Ion Ratio Lower Upper
114 100
63 22.4 0.0 35.0
88 16.1 0.0 27.2



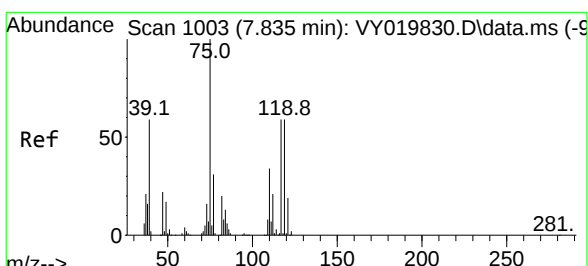
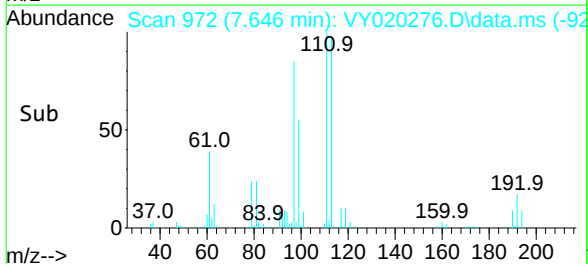
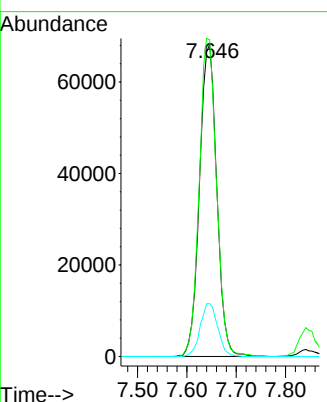
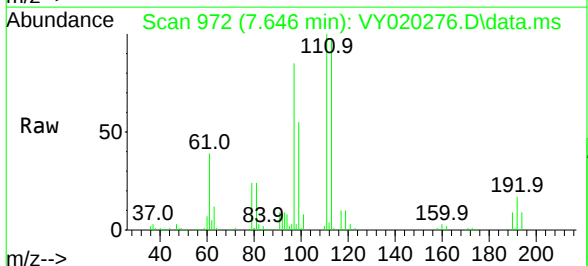


#35
 Dibromofluoromethane
 Concen: 54.626 ug/l
 RT: 7.646 min Scan# 97
 Delta R.T. 0.012 min
 Lab File: VY020276.D
 Acq: 13 Nov 2024 10:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 113 Resp: 165399

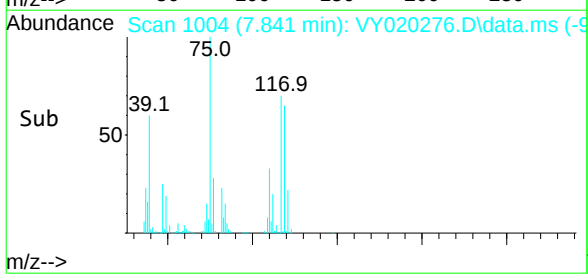
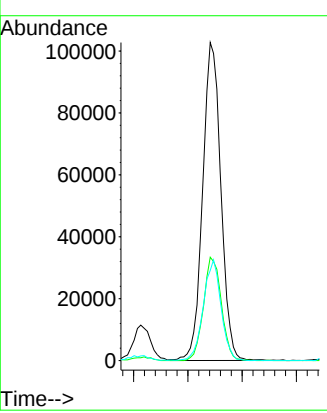
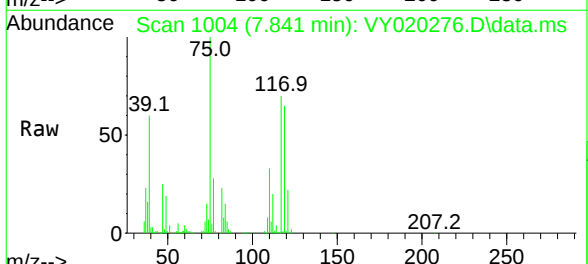
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.2	123.4
192	17.2	15.9	23.9

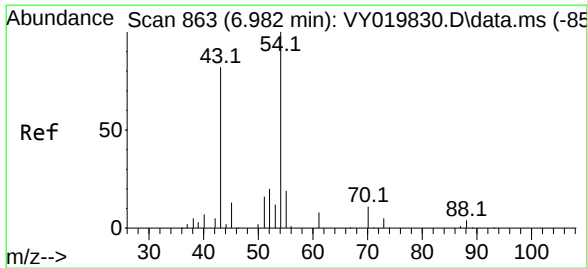


#36
 1,1-Dichloropropene
 Concen: 51.145 ug/l
 RT: 7.841 min Scan# 1004
 Delta R.T. 0.006 min
 Lab File: VY020276.D
 Acq: 13 Nov 2024 10:21

Tgt Ion: 75 Resp: 239222

Ion	Ratio	Lower	Upper
75	100		
110	31.9	19.0	57.0
77	31.0	25.3	37.9





#37

Ethyl Acetate

Concen: 48.007 ug/l

RT: 6.994 min Scan# 86

Delta R.T. 0.012 min

Lab File: VY020276.D

Acq: 13 Nov 2024 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

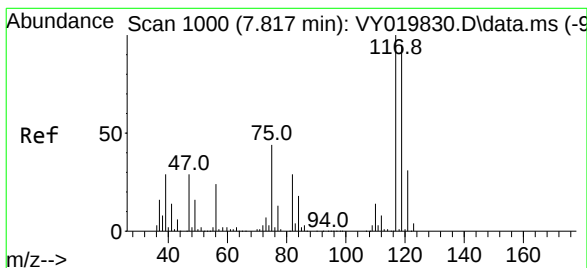
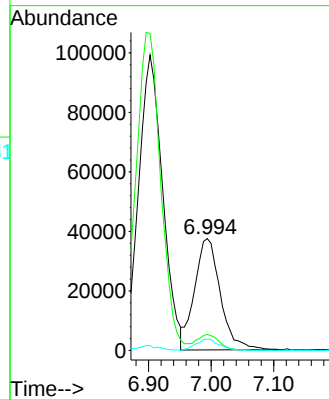
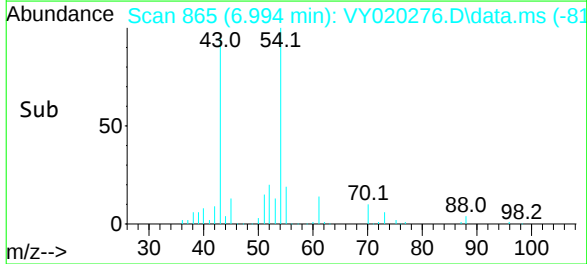
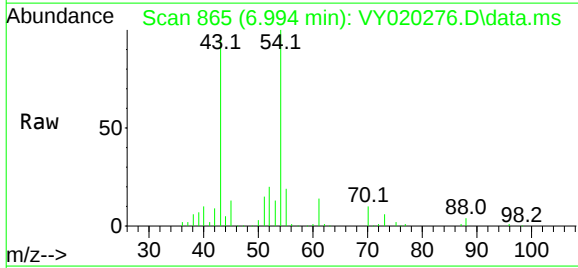
Tgt Ion: 43 Resp: 107056

Ion Ratio Lower Upper

43 100

61 13.0 12.6 19.0

70 9.3 7.8 11.8



#38

Carbon Tetrachloride

Concen: 54.537 ug/l

RT: 7.829 min Scan# 1002

Delta R.T. 0.012 min

Lab File: VY020276.D

Acq: 13 Nov 2024 10:21

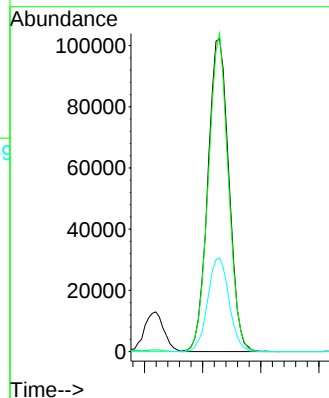
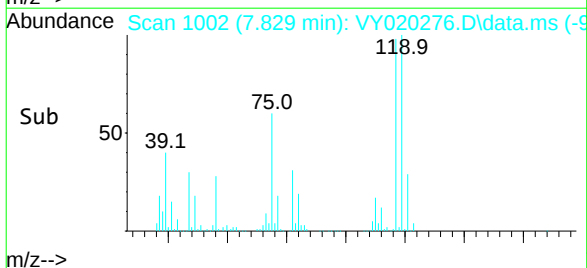
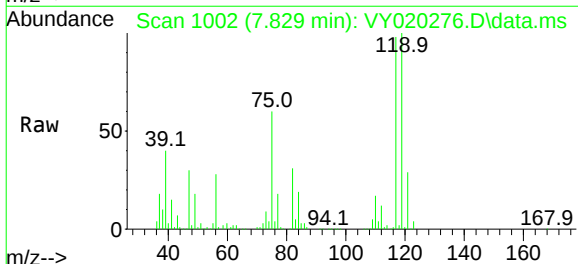
Tgt Ion:117 Resp: 256512

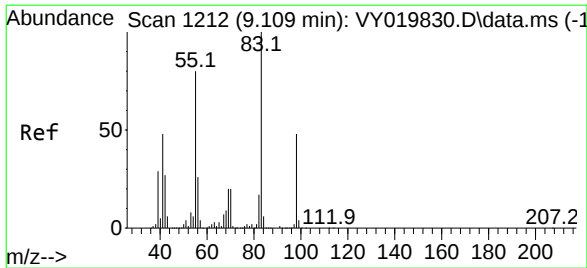
Ion Ratio Lower Upper

117 100

119 101.7 75.8 113.6

121 30.0 24.0 36.0

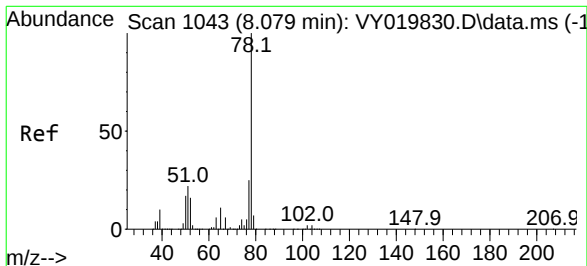
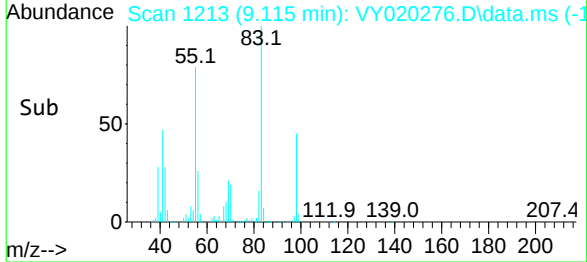
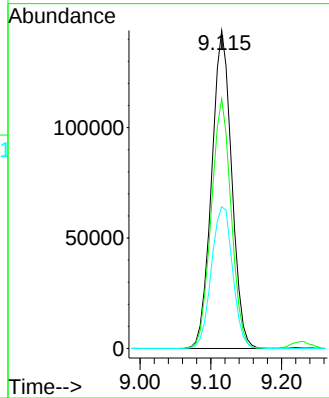
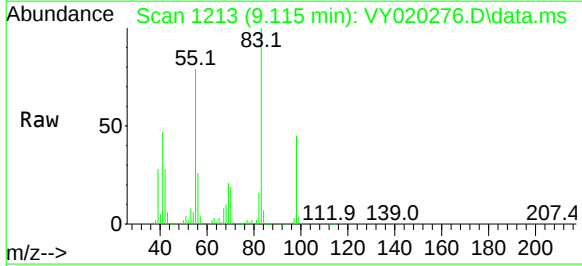




#39
Methylcyclohexane
Concen: 47.672 ug/l
RT: 9.115 min Scan# 1212
Delta R.T. 0.006 min
Lab File: VY020276.D
Acq: 13 Nov 2024 10:21

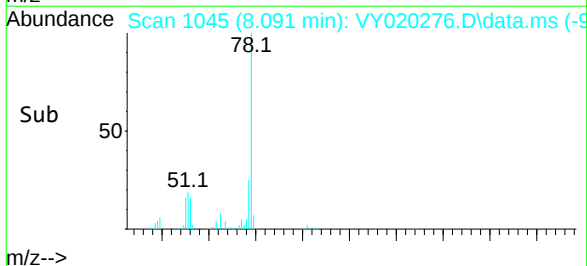
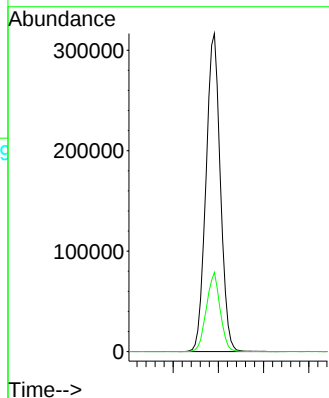
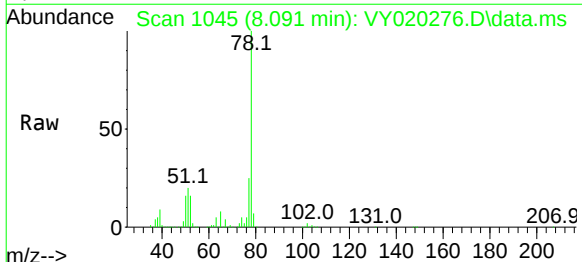
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

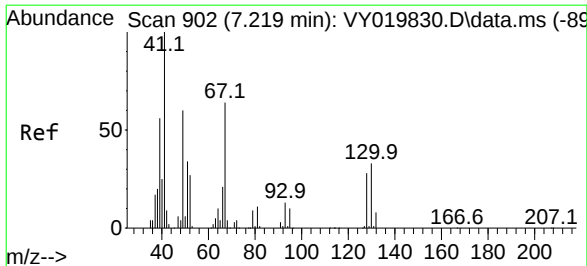
Tgt Ion: 83 Resp: 283000
Ion Ratio Lower Upper
83 100
55 78.5 51.5 77.3#
98 44.5 40.5 60.7



#40
Benzene
Concen: 51.108 ug/l
RT: 8.091 min Scan# 1045
Delta R.T. 0.012 min
Lab File: VY020276.D
Acq: 13 Nov 2024 10:21

Tgt Ion: 78 Resp: 697754
Ion Ratio Lower Upper
78 100
77 24.9 19.5 29.3

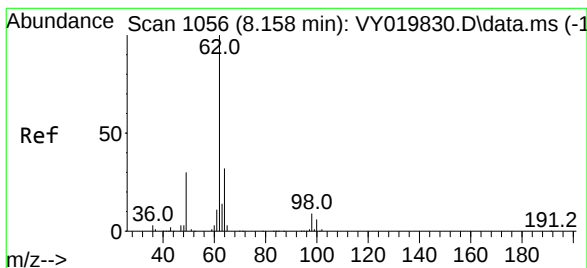
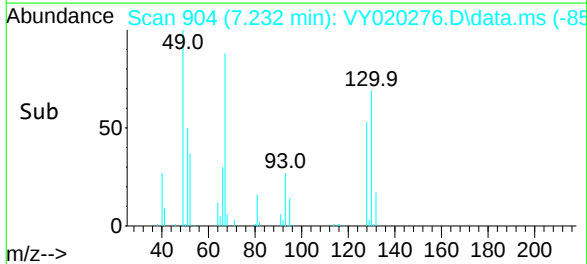
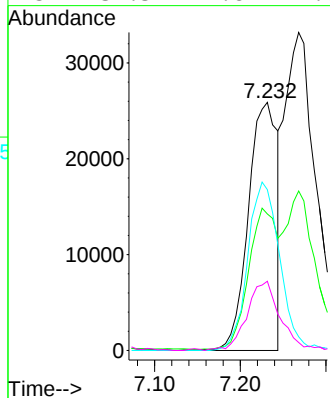
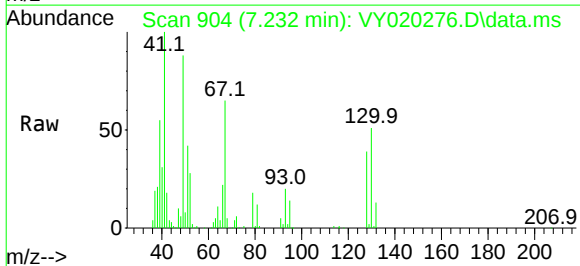




#41
Methacrylonitrile
Concen: 54.437 ug/l
RT: 7.232 min Scan# 90
Delta R.T. 0.012 min
Lab File: VY020276.D
Acq: 13 Nov 2024 10:21

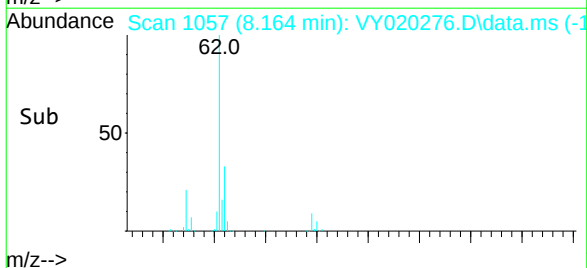
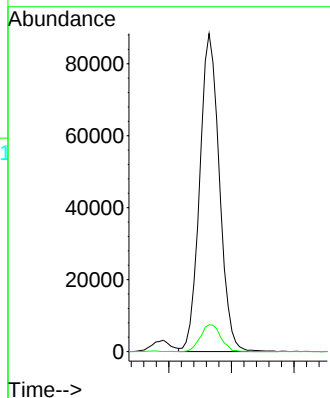
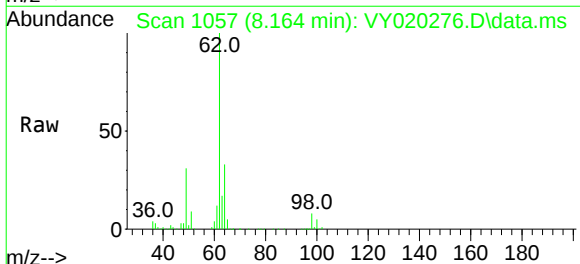
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

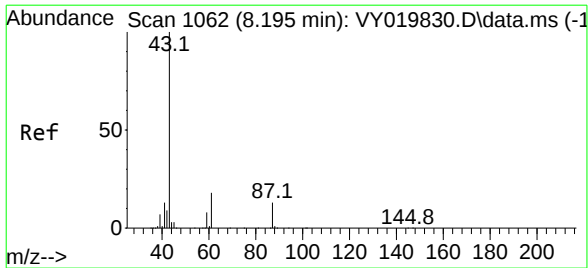
Tgt Ion:	41	Resp:	60811
Ion	Ratio	Lower	Upper
41	100		
39	55.1	48.0	72.0
67	75.3	75.1	112.7
52	32.3	29.8	44.6



#42
1,2-Dichloroethane
Concen: 51.086 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VY020276.D
Acq: 13 Nov 2024 10:21

Tgt Ion:	62	Resp:	193052
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	22.0

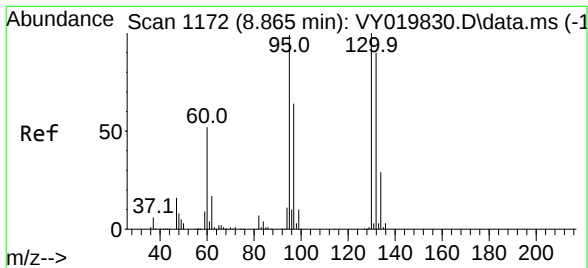
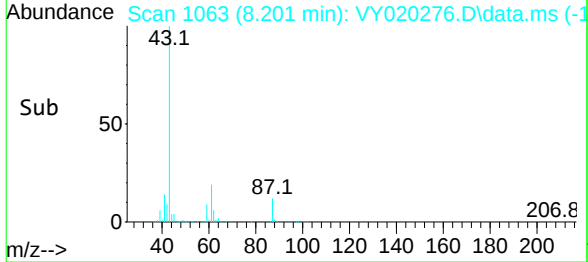
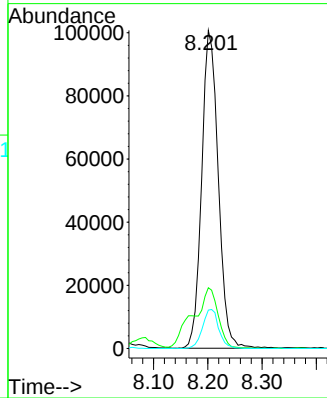
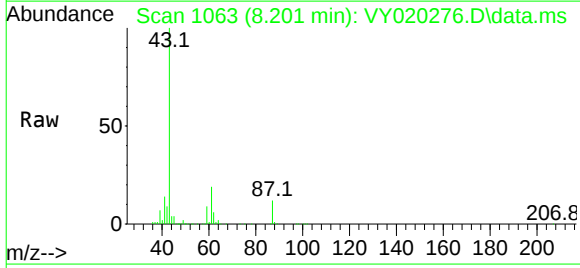




#43
Isopropyl Acetate
Concen: 49.887 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY020276.D
Acq: 13 Nov 2024 10:21

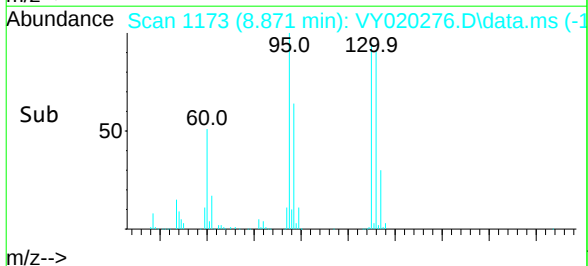
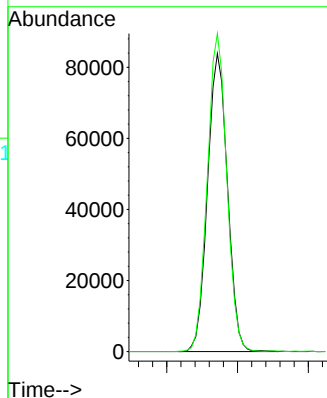
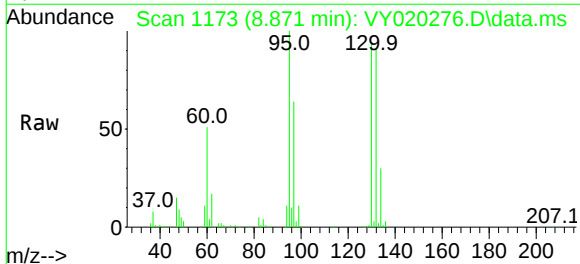
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

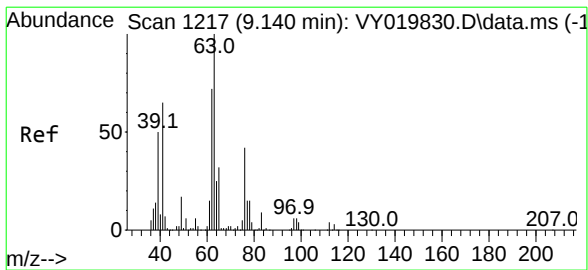
Tgt Ion: 43 Resp: 213928
Ion Ratio Lower Upper
43 100
61 29.1 27.9 41.9
87 12.1 13.1 19.7#



#44
Trichloroethene
Concen: 51.881 ug/l
RT: 8.871 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY020276.D
Acq: 13 Nov 2024 10:21

Tgt Ion:130 Resp: 164163
Ion Ratio Lower Upper
130 100
95 106.6 0.0 188.0

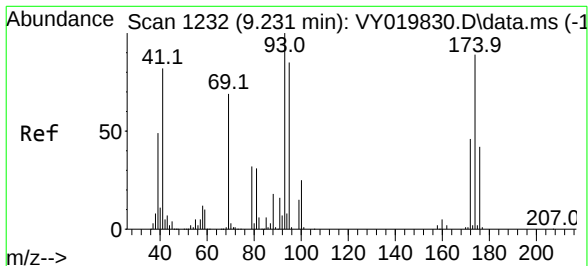
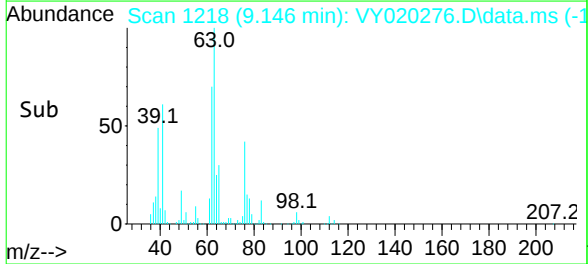
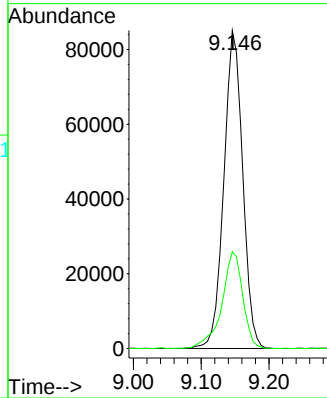
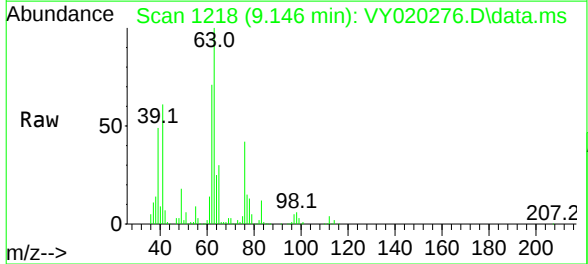




#45
1,2-Dichloropropane
Concen: 50.326 ug/l
RT: 9.146 min Scan# 1217
Delta R.T. 0.006 min
Lab File: VY020276.D
Acq: 13 Nov 2024 10:21

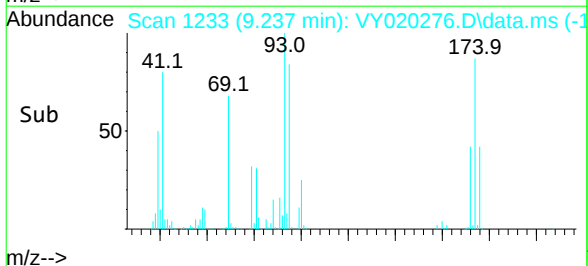
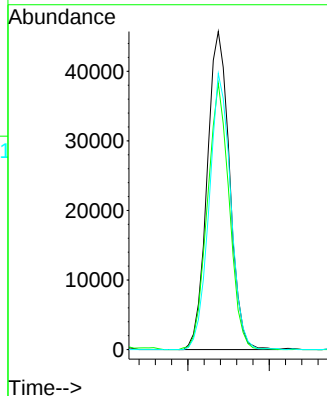
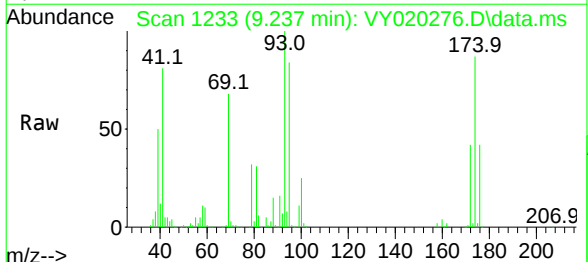
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

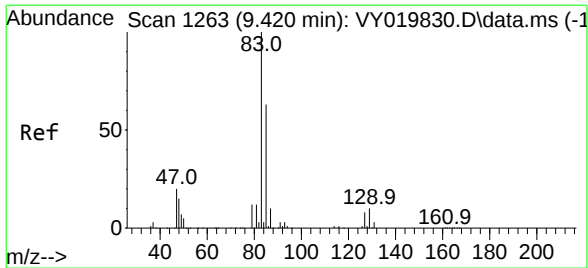
Tgt Ion: 63 Resp: 164385
Ion Ratio Lower Upper
63 100
65 30.4 25.4 38.2



#46
Dibromomethane
Concen: 49.495 ug/l
RT: 9.237 min Scan# 1233
Delta R.T. 0.006 min
Lab File: VY020276.D
Acq: 13 Nov 2024 10:21

Tgt Ion: 93 Resp: 87599
Ion Ratio Lower Upper
93 100
95 81.4 66.2 99.4
174 83.1 80.9 121.3

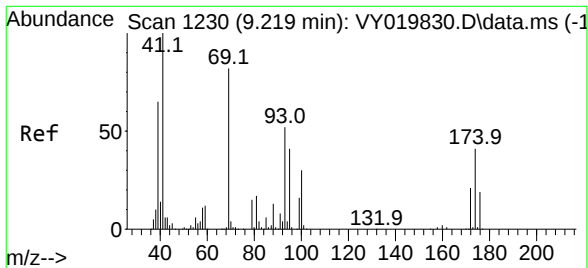
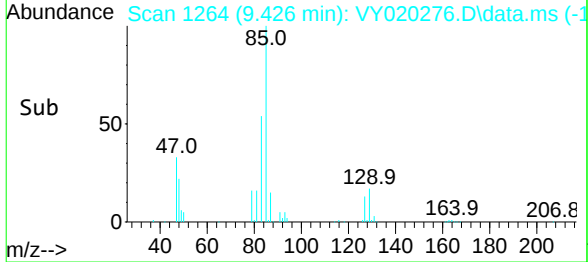
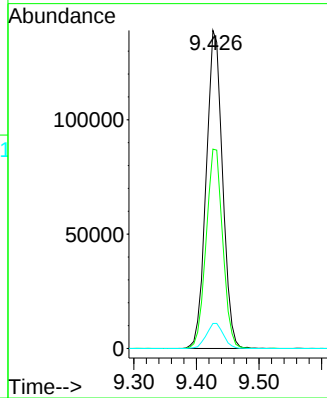
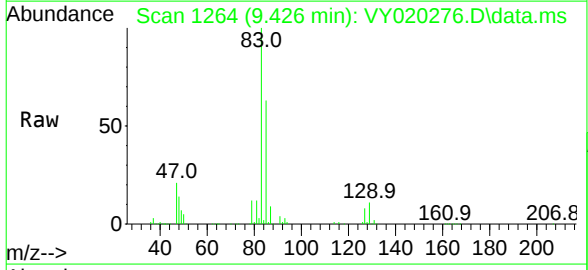




#47
Bromodichloromethane
Concen: 54.387 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY020276.D
Acq: 13 Nov 2024 10:21

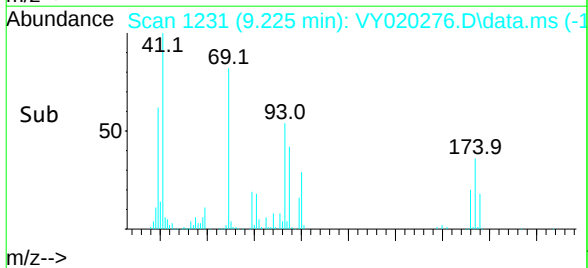
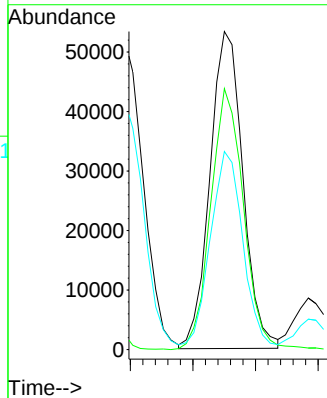
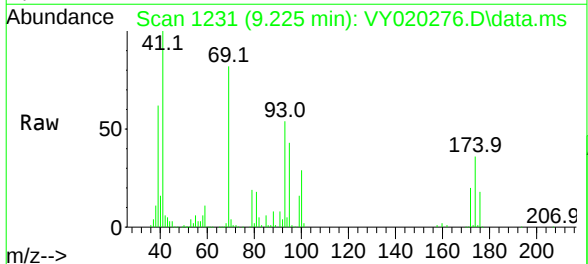
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

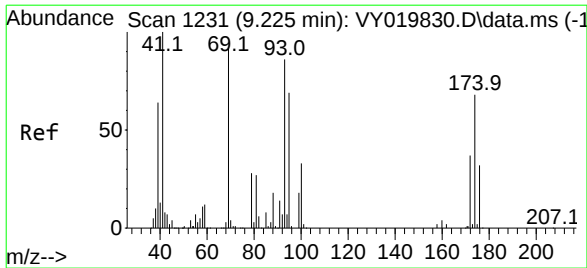
Tgt Ion: 83 Resp: 252167
Ion Ratio Lower Upper
83 100
85 62.7 50.1 75.1
127 7.9 7.4 11.0



#48
Methyl methacrylate
Concen: 49.048 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY020276.D
Acq: 13 Nov 2024 10:21

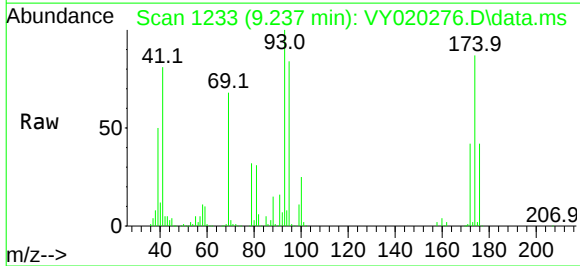
Tgt Ion: 41 Resp: 97424
Ion Ratio Lower Upper
41 100
69 82.0 84.1 126.1#
39 59.2 43.6 65.4



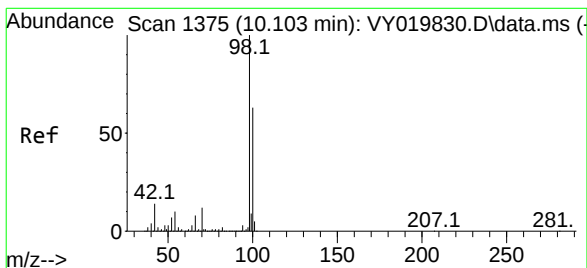
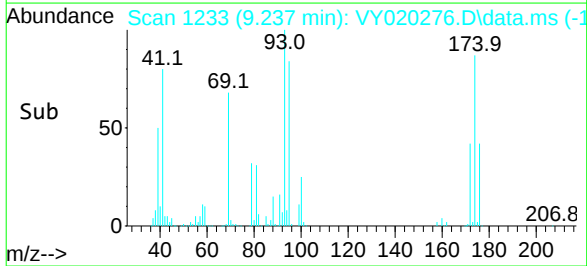
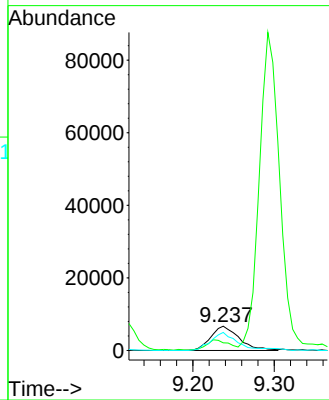


#49
1,4-Dioxane
Concen: 891.961 ug/l
RT: 9.237 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY020276.D
Acq: 13 Nov 2024 10:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

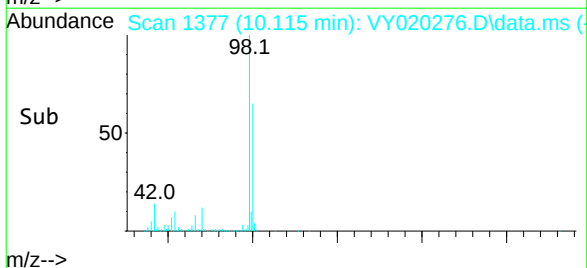
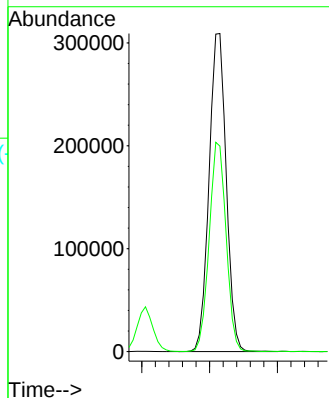
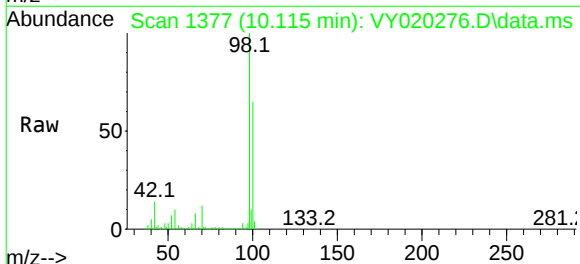


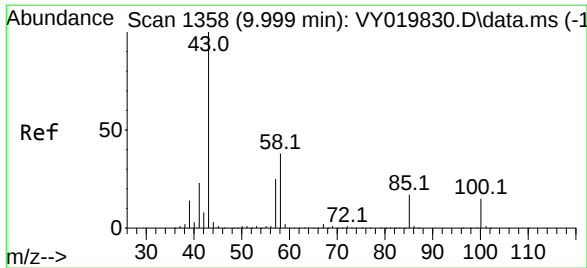
Tgt Ion: 88 Resp: 16253
Ion Ratio Lower Upper
88 100
43 32.8 0.0 0.0#
58 67.2 49.3 73.9



#50
Toluene-d8
Concen: 45.115 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY020276.D
Acq: 13 Nov 2024 10:21

Tgt Ion: 98 Resp: 543736
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0

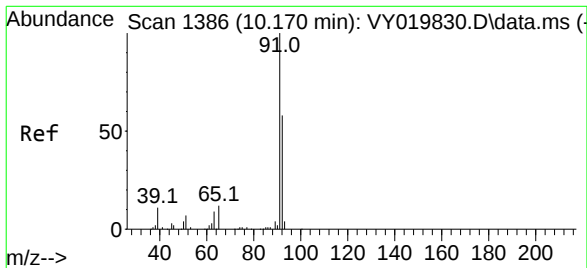
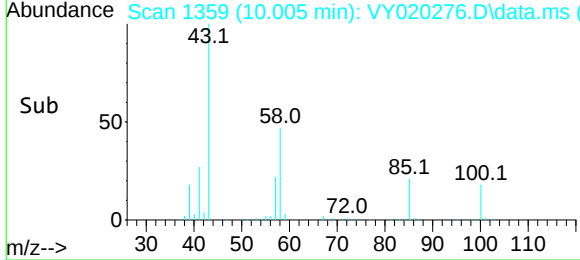
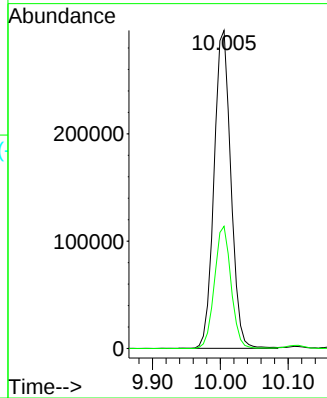
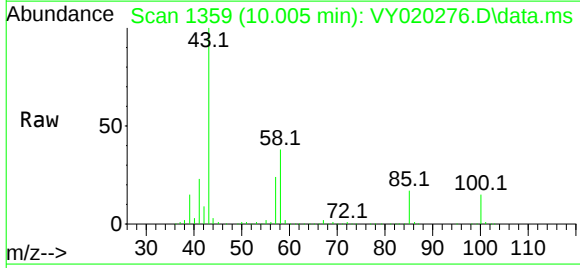




#51
4-Methyl-2-Pentanone
Concen: 231.074 ug/l
RT: 10.005 min Scan# 1358
Delta R.T. 0.006 min
Lab File: VY020276.D
Acq: 13 Nov 2024 10:21

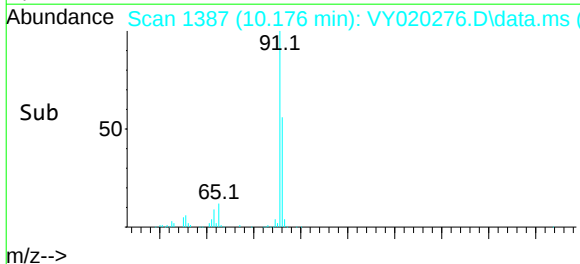
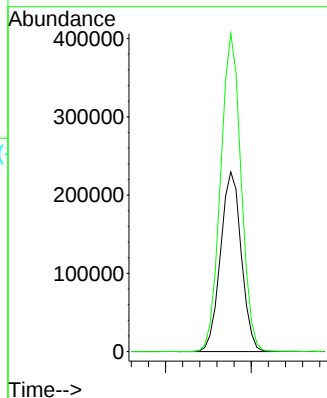
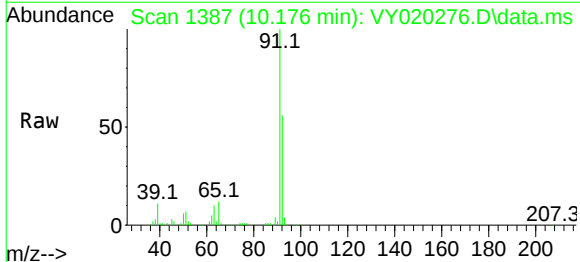
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

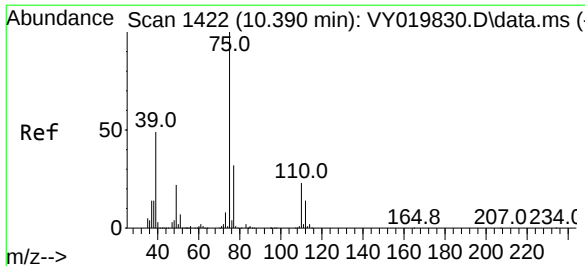
Tgt Ion: 43 Resp: 510579
Ion Ratio Lower Upper
43 100
58 37.9 35.7 53.5



#52
Toluene
Concen: 46.000 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.006 min
Lab File: VY020276.D
Acq: 13 Nov 2024 10:21

Tgt Ion: 92 Resp: 387125
Ion Ratio Lower Upper
92 100
91 174.4 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 45.540 ug/l

RT: 10.402 min Scan# 14

Delta R.T. 0.006 min

Lab File: VY020276.D

Acq: 13 Nov 2024 10:21

Instrument :

MSVOA_Y

ClientSampleId :

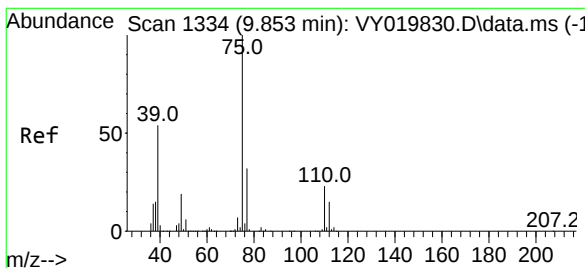
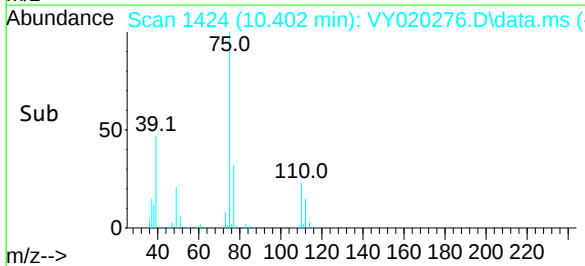
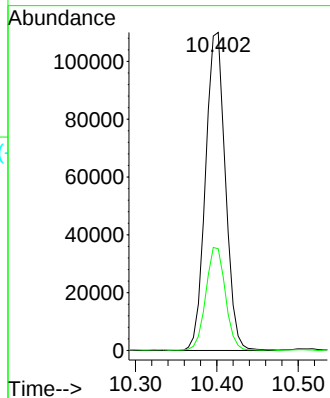
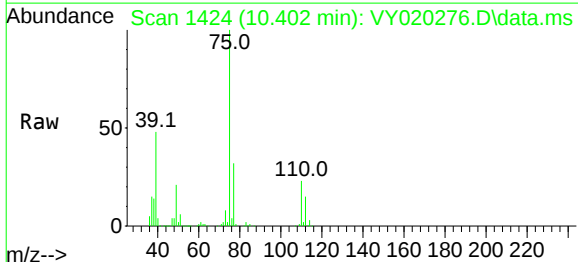
VSTDCCC050

Tgt Ion: 75 Resp: 186457

Ion Ratio Lower Upper

75 100

77 32.0 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 49.410 ug/l

RT: 9.859 min Scan# 1335

Delta R.T. 0.000 min

Lab File: VY020276.D

Acq: 13 Nov 2024 10:21

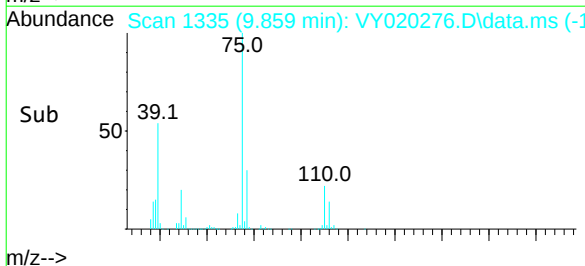
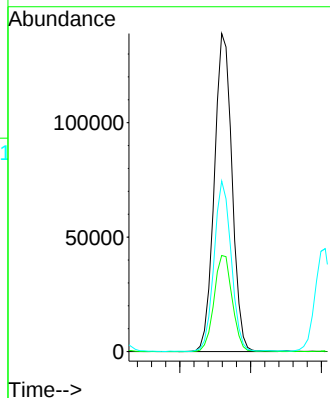
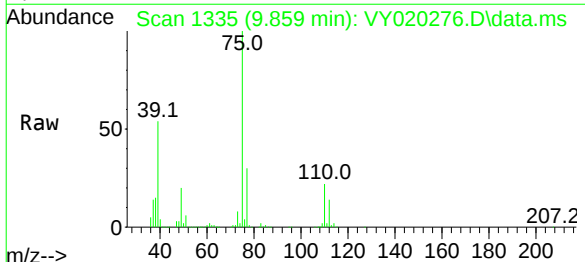
Tgt Ion: 75 Resp: 241463

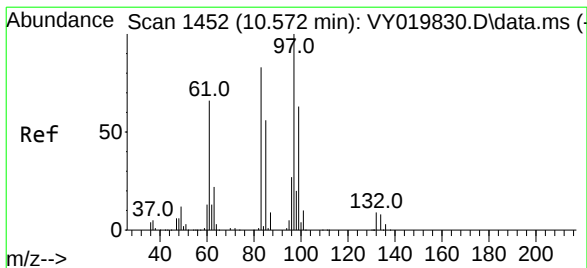
Ion Ratio Lower Upper

75 100

77 30.2 25.4 38.0

39 53.5 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 45.527 ug/l

RT: 10.579 min Scan# 14

Delta R.T. 0.006 min

Lab File: VY020276.D

Acq: 13 Nov 2024 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 100185

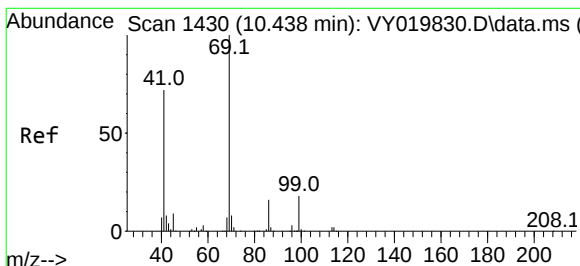
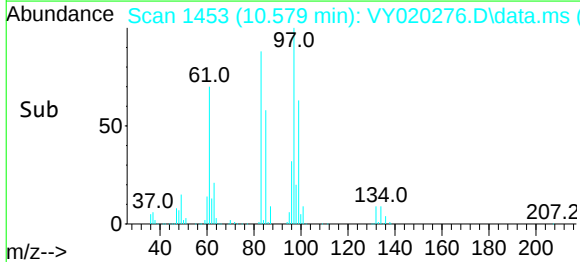
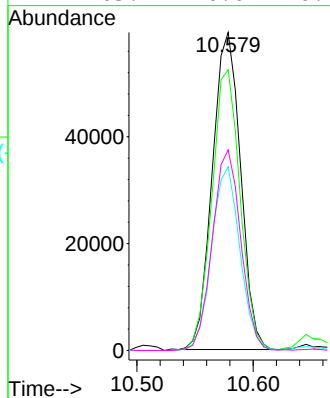
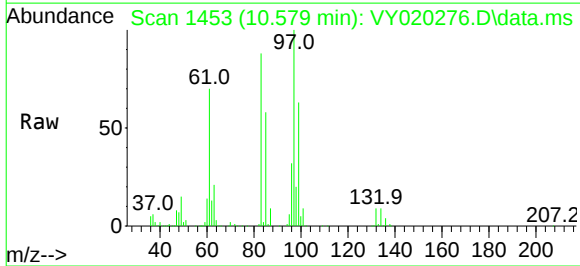
Ion Ratio Lower Upper

97 100

83 88.3 67.5 101.3

85 57.9 42.9 64.3

99 63.1 46.6 70.0



#56

Ethyl methacrylate

Concen: 46.199 ug/l

RT: 10.444 min Scan# 1431

Delta R.T. 0.006 min

Lab File: VY020276.D

Acq: 13 Nov 2024 10:21

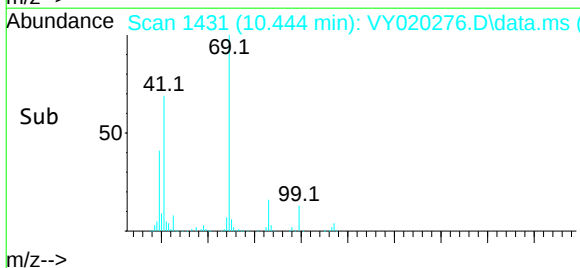
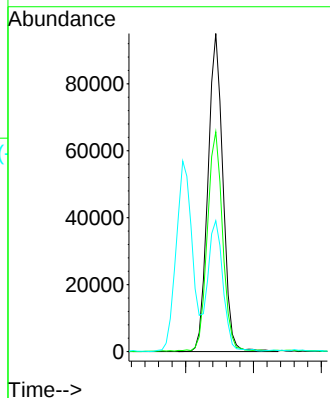
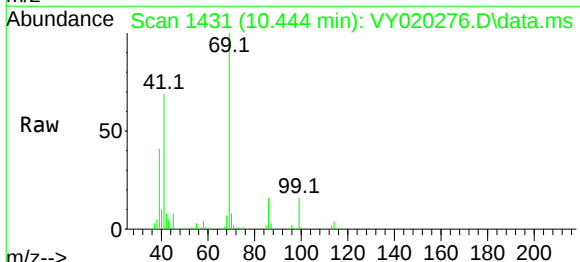
Tgt Ion: 69 Resp: 145832

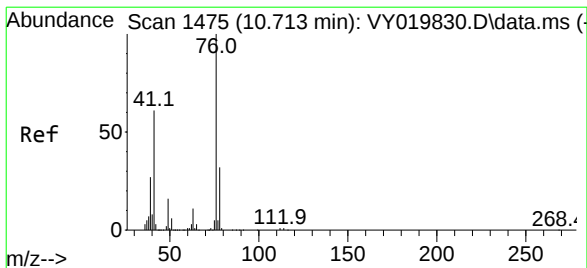
Ion Ratio Lower Upper

69 100

41 70.8 42.3 63.5#

39 42.0 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 45.393 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY020276.D

Acq: 13 Nov 2024 10:21

Instrument :

MSVOA_Y

ClientSampleId :

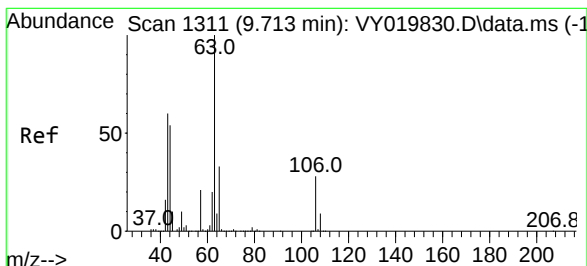
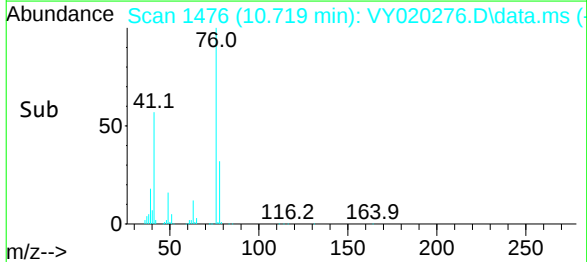
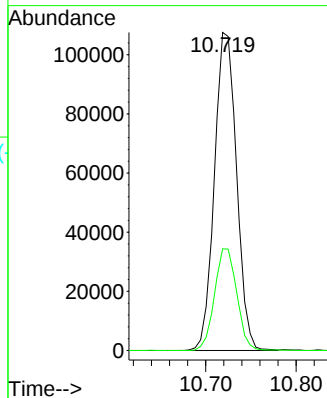
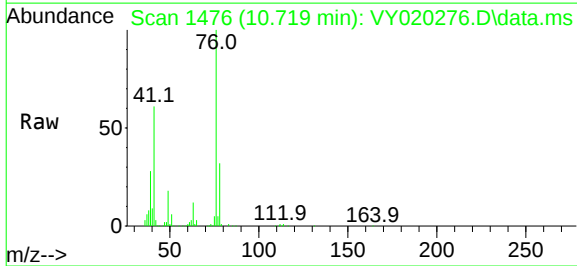
VSTDCCC050

Tgt Ion: 76 Resp: 182929

Ion Ratio Lower Upper

76 100

78 32.2 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 247.323 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VY020276.D

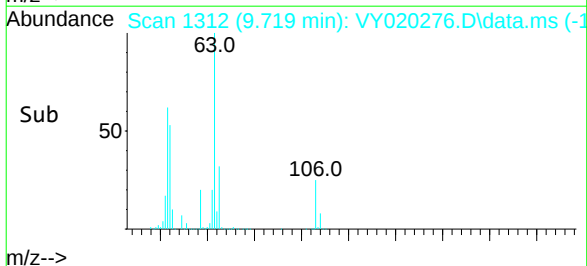
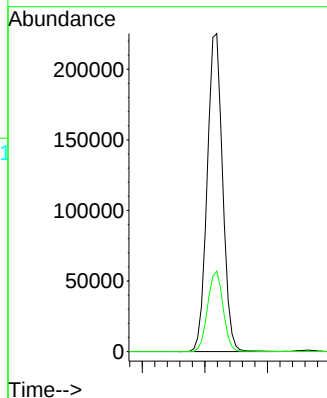
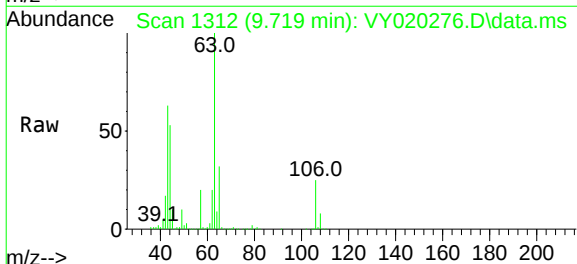
Acq: 13 Nov 2024 10:21

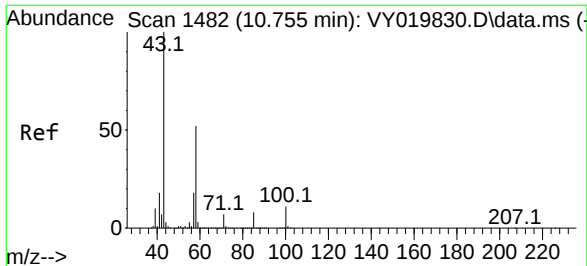
Tgt Ion: 63 Resp: 385019

Ion Ratio Lower Upper

63 100

106 25.3 23.7 35.5





#59

2-Hexanone

Concen: 235.162 ug/l

RT: 10.761 min Scan# 14

Delta R.T. 0.000 min

Lab File: VY020276.D

Acq: 13 Nov 2024 10:21

Instrument :

MSVOA_Y

ClientSampleId :

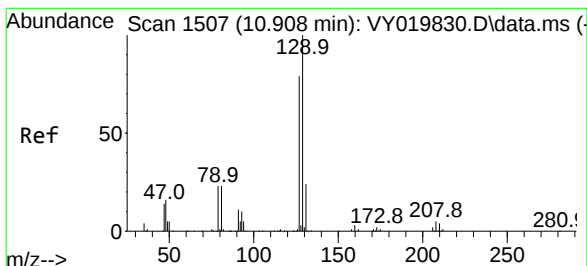
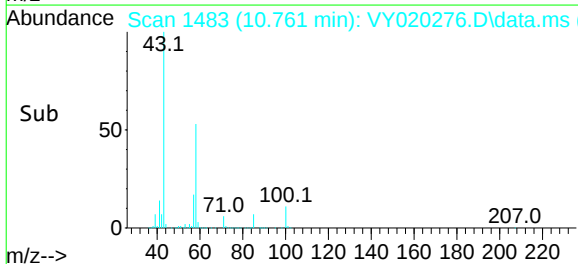
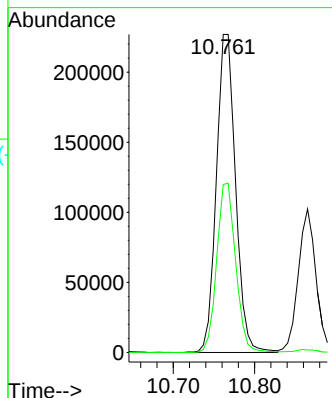
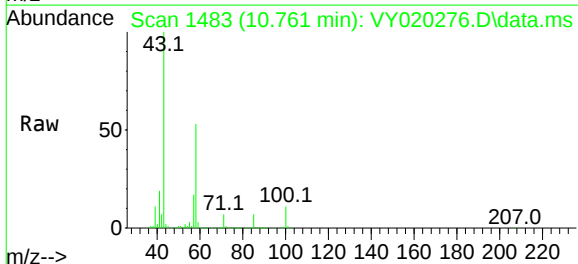
VSTDCCC050

Tgt Ion: 43 Resp: 372523

Ion Ratio Lower Upper

43 100

58 52.4 31.4 94.0



#60

Dibromochloromethane

Concen: 46.733 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. 0.000 min

Lab File: VY020276.D

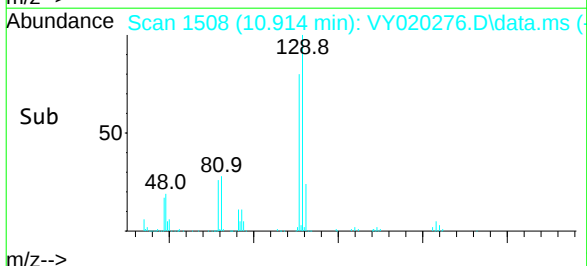
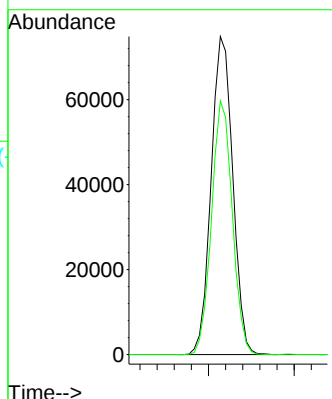
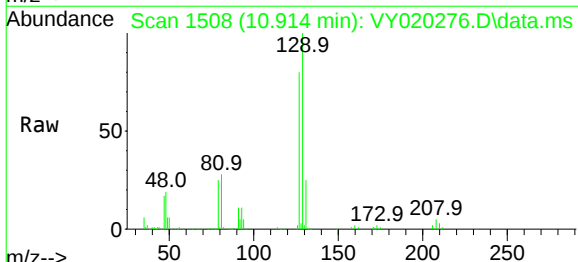
Acq: 13 Nov 2024 10:21

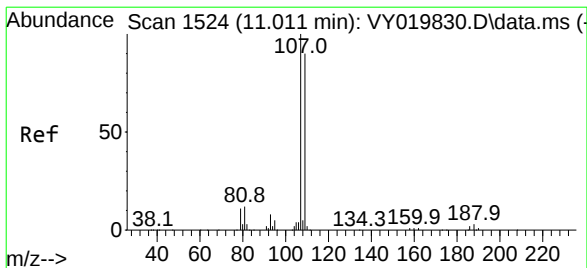
Tgt Ion:129 Resp: 131091

Ion Ratio Lower Upper

129 100

127 76.6 39.0 117.0





#61

1,2-Dibromoethane

Concen: 44.633 ug/l

RT: 11.017 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VY020276.D

Acq: 13 Nov 2024 10:21

Instrument :

MSVOA_Y

ClientSampleId :

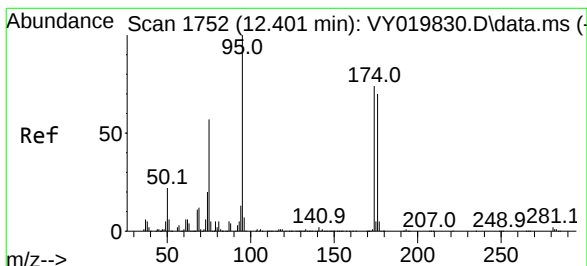
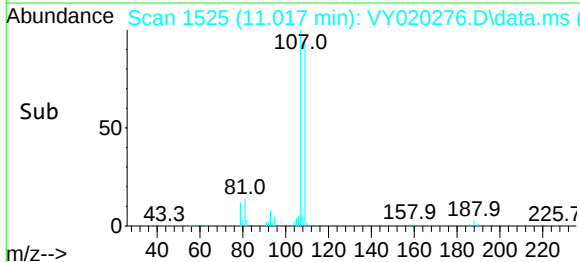
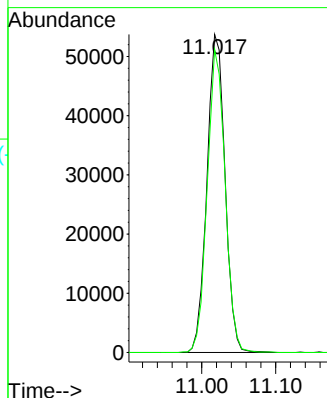
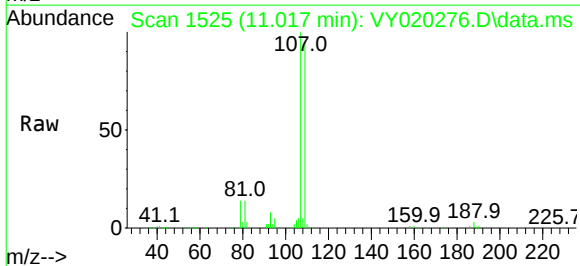
VSTDCCC050

Tgt Ion:107 Resp: 91252

Ion Ratio Lower Upper

107 100

109 94.3 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 46.838 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020276.D

Acq: 13 Nov 2024 10:21

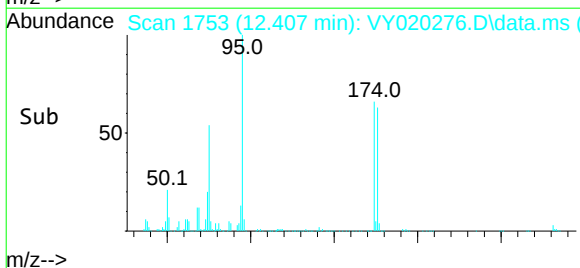
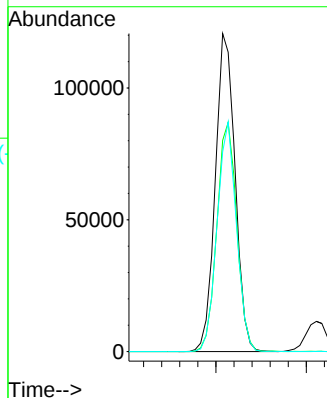
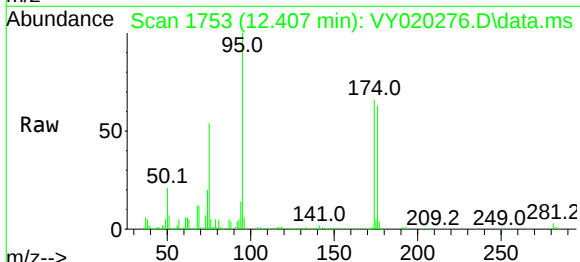
Tgt Ion: 95 Resp: 183357

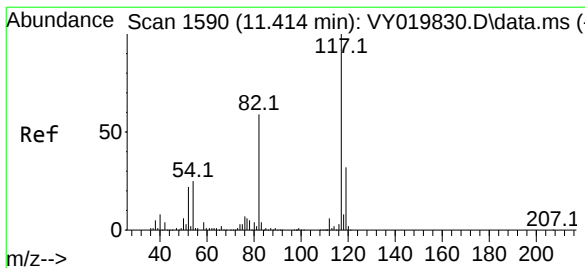
Ion Ratio Lower Upper

95 100

174 72.5 0.0 175.6

176 70.5 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 15

Delta R.T. 0.000 min

Lab File: VY020276.D

Acq: 13 Nov 2024 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

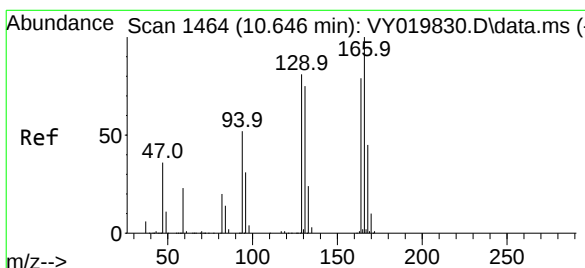
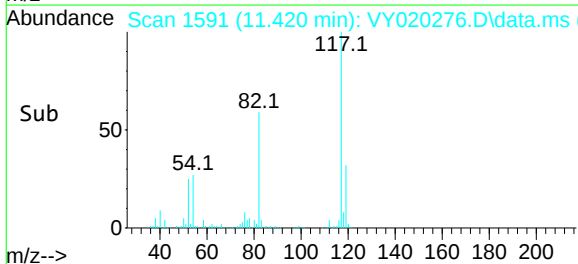
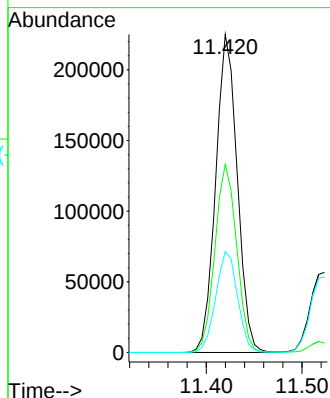
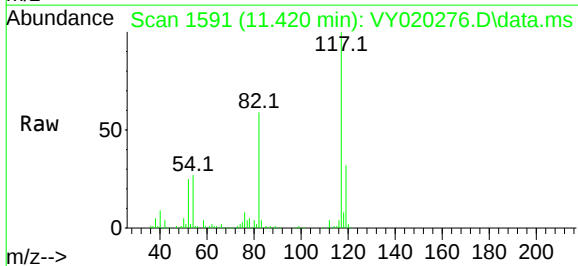
Tgt Ion:117 Resp: 352799

Ion Ratio Lower Upper

117 100

82 59.2 42.4 63.6

119 31.7 25.9 38.9



#64

Tetrachloroethene

Concen: 57.460 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VY020276.D

Acq: 13 Nov 2024 10:21

Tgt Ion:164 Resp: 133848

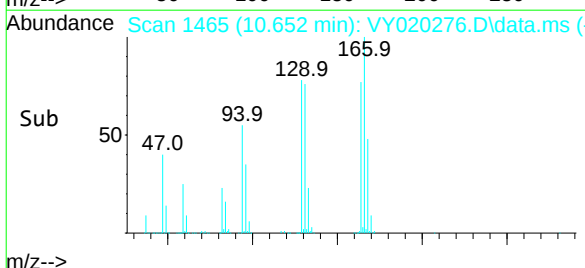
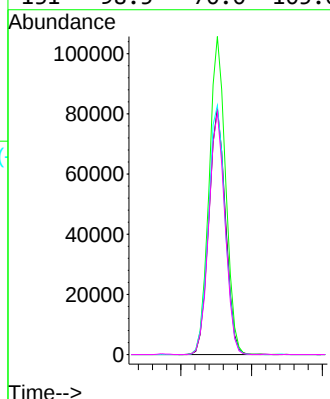
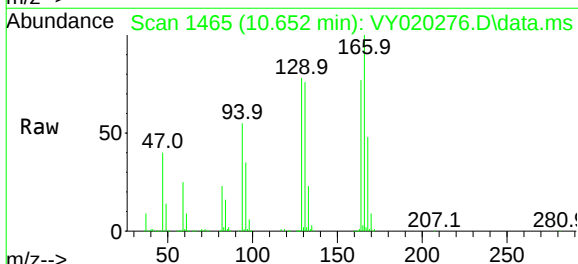
Ion Ratio Lower Upper

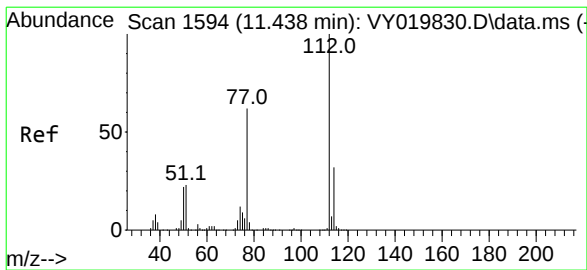
164 100

166 129.1 102.6 154.0

129 101.1 72.0 108.0

131 98.5 70.0 105.0





#65

Chlorobenzene

Concen: 53.219 ug/l

RT: 11.444 min Scan# 15

Delta R.T. 0.000 min

Lab File: VY020276.D

Acq: 13 Nov 2024 10:21

Instrument :

MSVOA_Y

ClientSampleId :

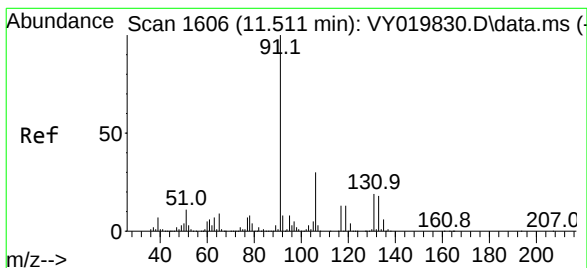
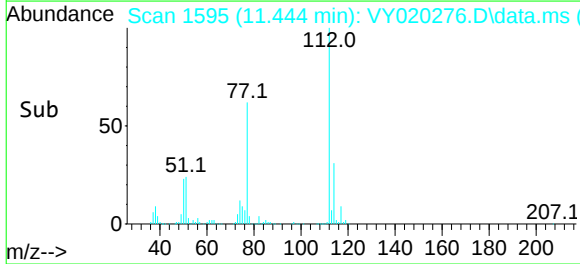
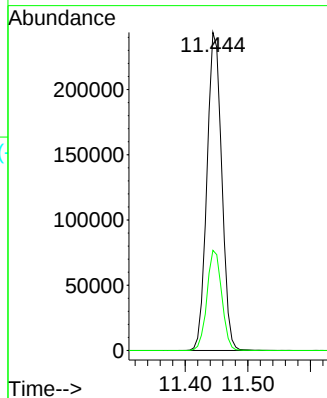
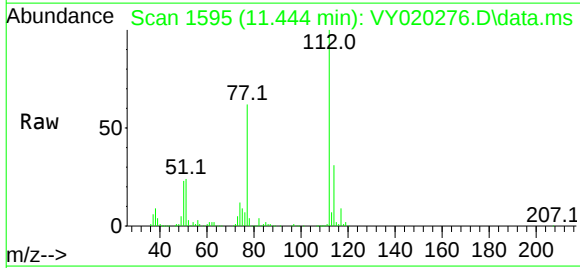
VSTDCCC050

Tgt Ion:112 Resp: 400066

Ion Ratio Lower Upper

112 100

114 31.5 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 55.709 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY020276.D

Acq: 13 Nov 2024 10:21

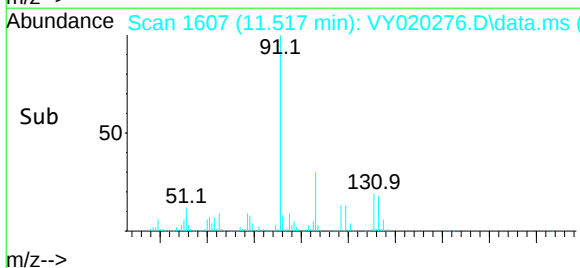
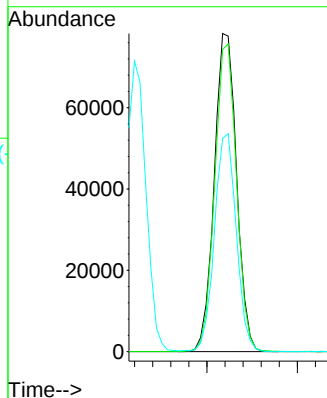
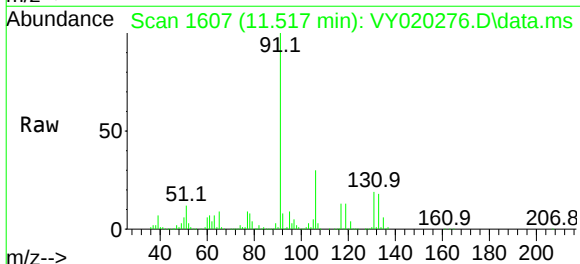
Tgt Ion:131 Resp: 133798

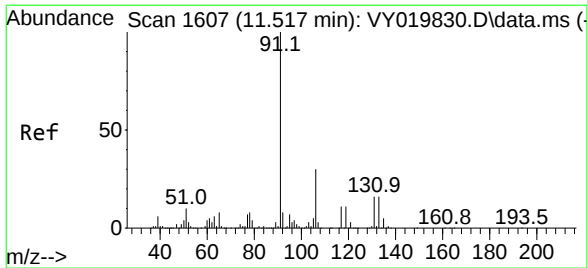
Ion Ratio Lower Upper

131 100

133 94.6 47.8 143.3

119 67.2 34.1 102.2

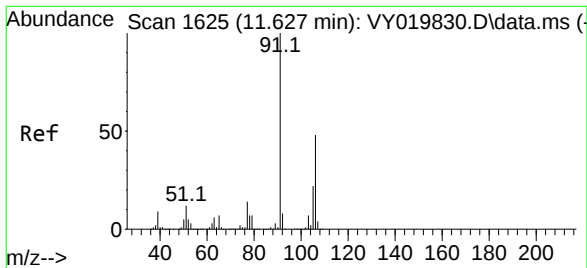
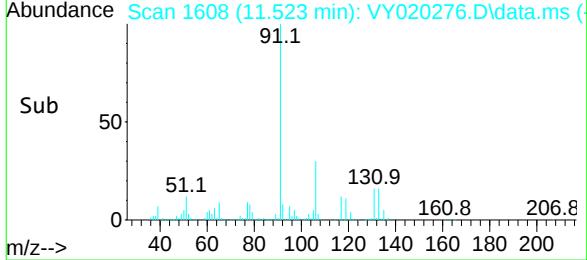
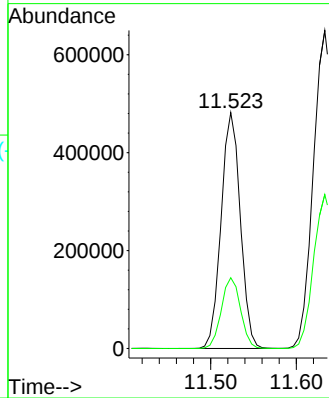
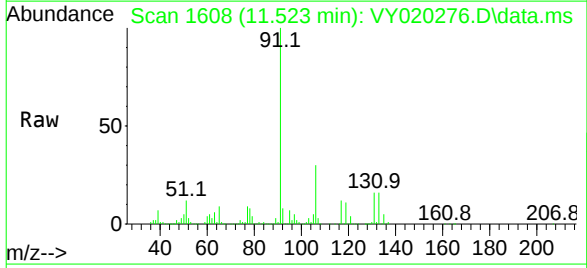




#67
Ethyl Benzene
Concen: 53.460 ug/l
RT: 11.523 min Scan# 1608
Delta R.T. 0.000 min
Lab File: VY020276.D
Acq: 13 Nov 2024 10:21

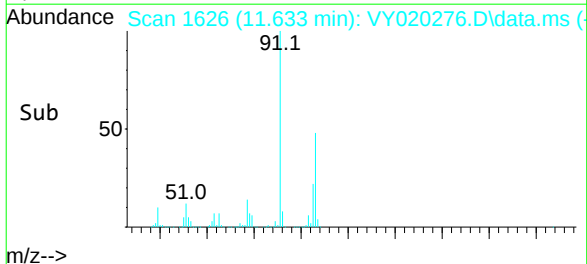
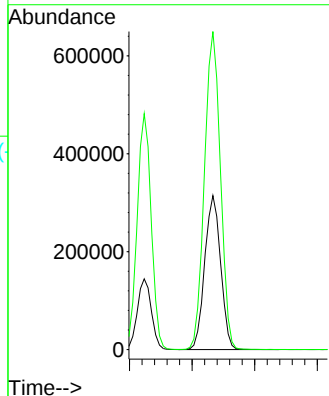
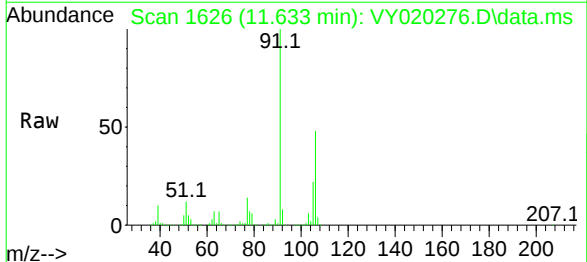
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

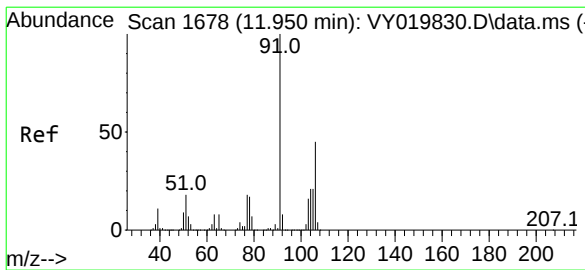
Tgt Ion: 91 Resp: 751230
Ion Ratio Lower Upper
91 100
106 30.0 24.5 36.7



#68
m/p-Xylenes
Concen: 107.795 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VY020276.D
Acq: 13 Nov 2024 10:21

Tgt Ion:106 Resp: 554203
Ion Ratio Lower Upper
106 100
91 207.4 156.0 234.0





#69

o-Xylene

Concen: 53.630 ug/l

RT: 11.956 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VY020276.D

Acq: 13 Nov 2024 10:21

Instrument :

MSVOA_Y

ClientSampleId :

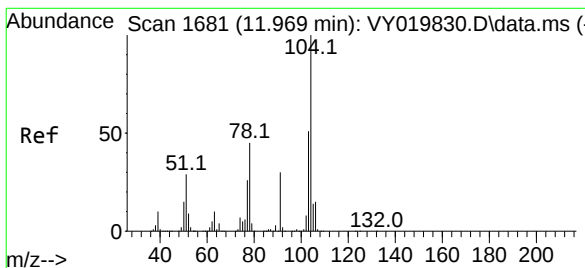
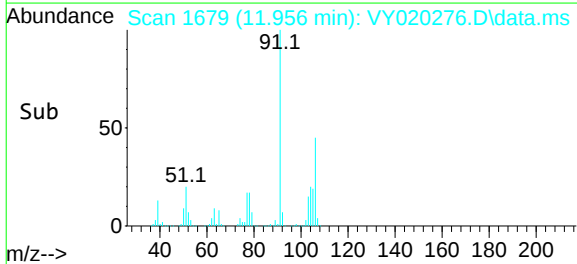
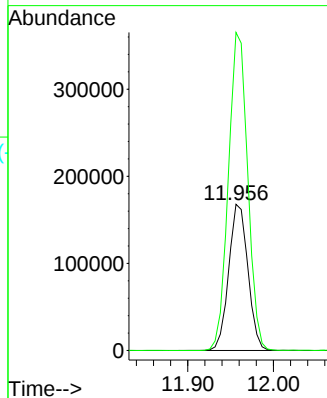
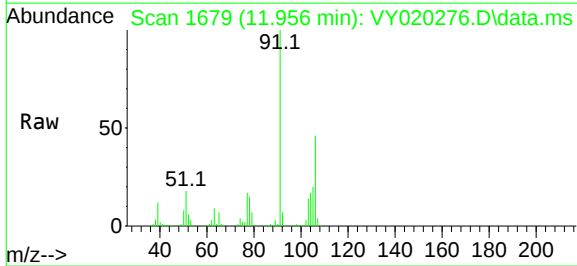
VSTDCCC050

Tgt Ion:106 Resp: 261045

Ion Ratio Lower Upper

106 100

91 218.9 103.6 310.8



#70

Styrene

Concen: 54.627 ug/l

RT: 11.975 min Scan# 1682

Delta R.T. 0.006 min

Lab File: VY020276.D

Acq: 13 Nov 2024 10:21

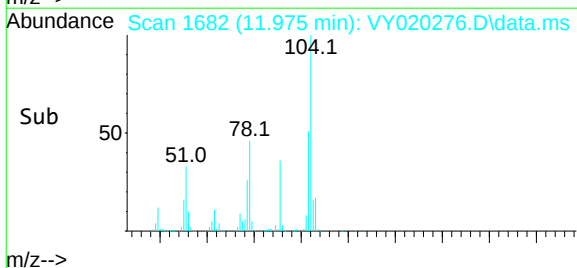
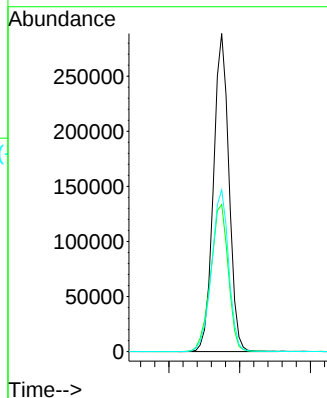
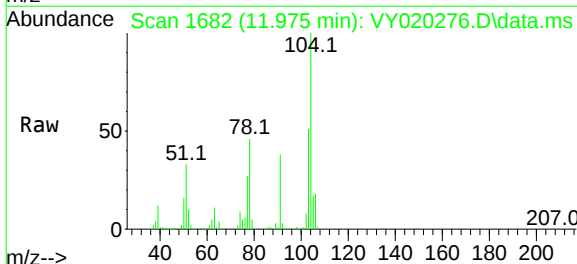
Tgt Ion:104 Resp: 439641

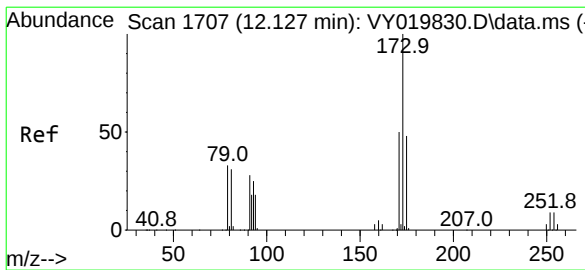
Ion Ratio Lower Upper

104 100

78 52.5 37.0 55.4

103 55.6 44.2 66.2





#71

Bromoform

Concen: 56.624 ug/l

RT: 12.139 min Scan# 1709

Delta R.T. 0.006 min

Lab File: VY020276.D

Acq: 13 Nov 2024 10:21

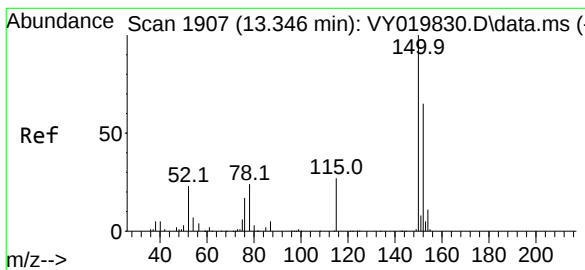
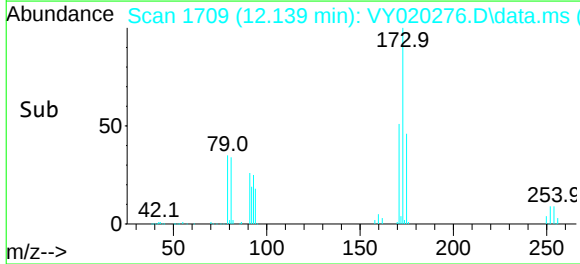
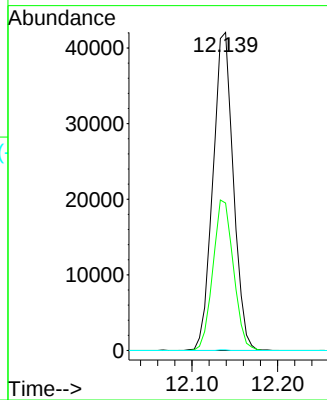
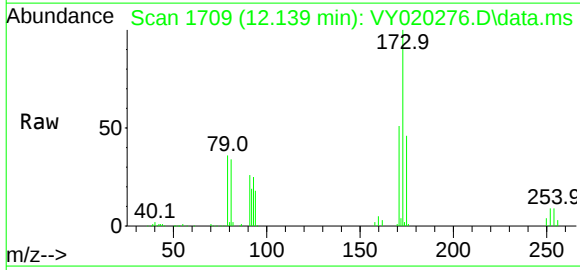
Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:	173	Resp:	69768
Ion Ratio	Lower	Upper	
173	100		
175	47.5	25.1	75.3
254	0.1	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

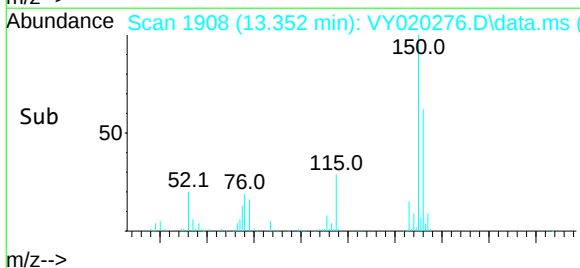
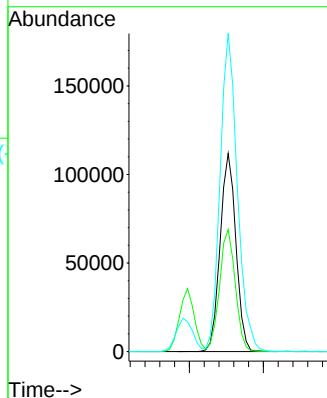
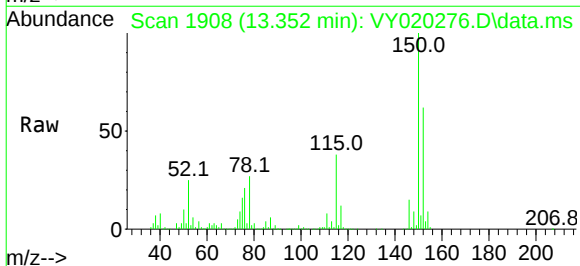
RT: 13.352 min Scan# 1908

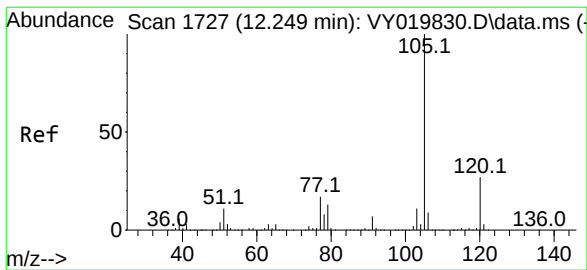
Delta R.T. 0.006 min

Lab File: VY020276.D

Acq: 13 Nov 2024 10:21

Tgt Ion:	152	Resp:	165760
Ion Ratio	Lower	Upper	
152	100		
115	61.3	28.2	84.7
150	175.1	0.0	345.6





#73

Isopropylbenzene

Concen: 53.377 ug/l

RT: 12.261 min Scan# 1727

Delta R.T. 0.006 min

Lab File: VY020276.D

Acq: 13 Nov 2024 10:21

Instrument :

MSVOA_Y

ClientSampleId :

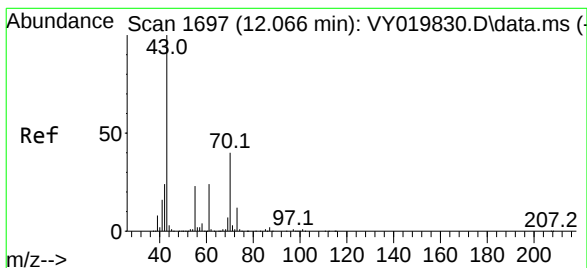
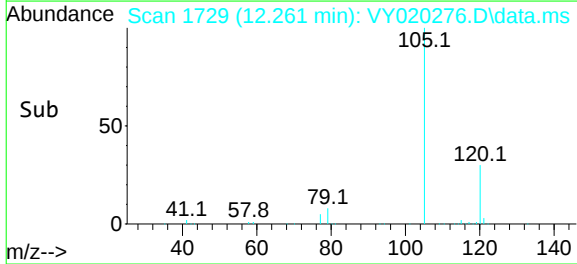
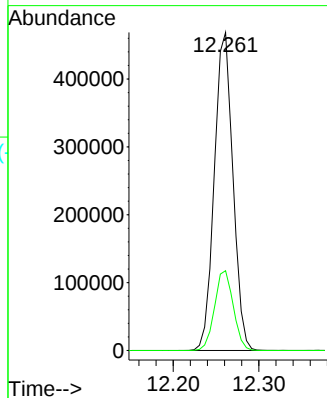
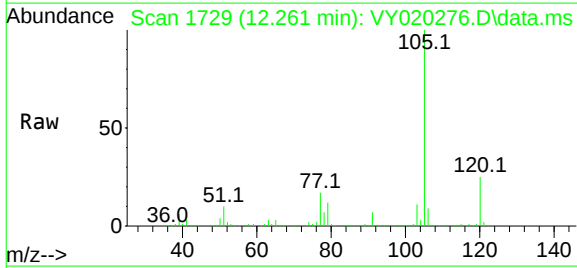
VSTDCCC050

Tgt Ion:105 Resp: 706803

Ion Ratio Lower Upper

105 100

120 25.2 13.4 40.1



#74

N-ethyl acetate

Concen: 51.003 ug/l

RT: 12.078 min Scan# 1699

Delta R.T. 0.006 min

Lab File: VY020276.D

Acq: 13 Nov 2024 10:21

Tgt Ion: 43 Resp: 168825

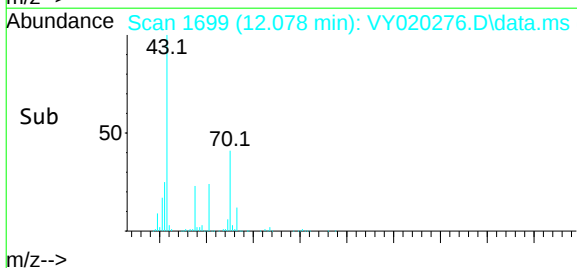
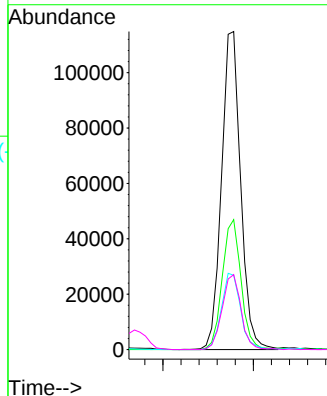
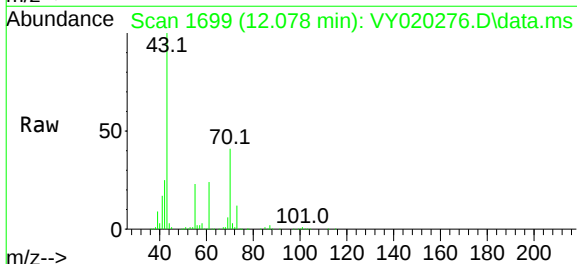
Ion Ratio Lower Upper

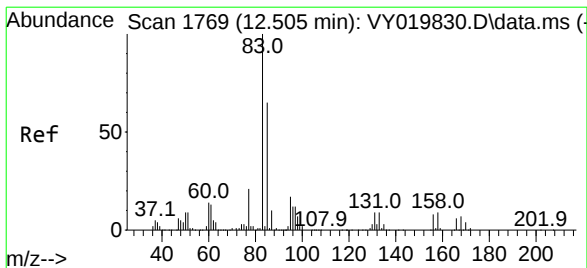
43 100

70 40.0 41.4 62.2

55 24.2 23.3 34.9

61 23.3 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 49.910 ug/l

RT: 12.511 min Scan# 17

Delta R.T. 0.000 min

Lab File: VY020276.D

Acq: 13 Nov 2024 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

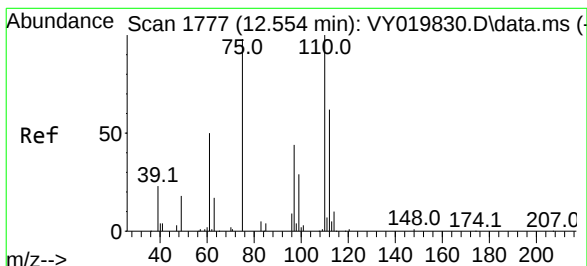
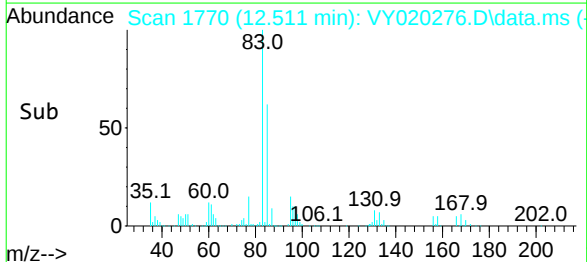
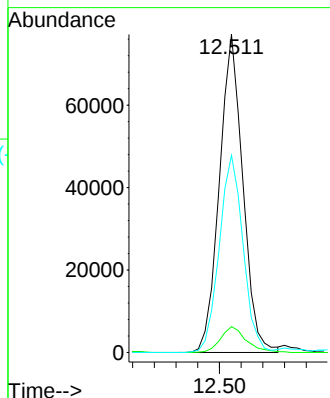
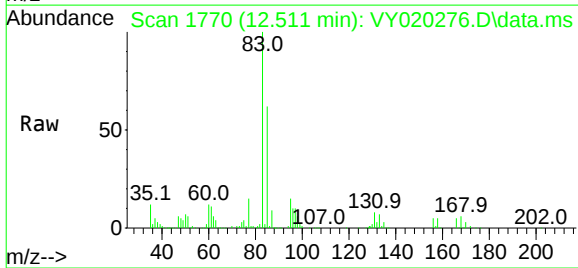
Tgt Ion: 83 Resp: 115584

Ion Ratio Lower Upper

83 100

131 8.9 5.0 14.9

85 62.9 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 52.385 ug/l m

RT: 12.560 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VY020276.D

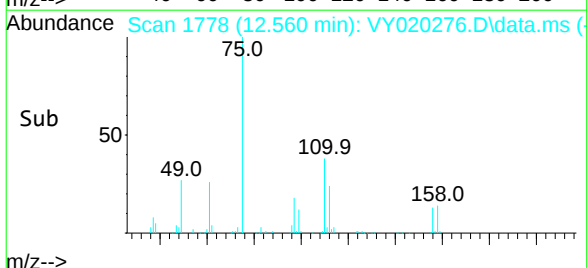
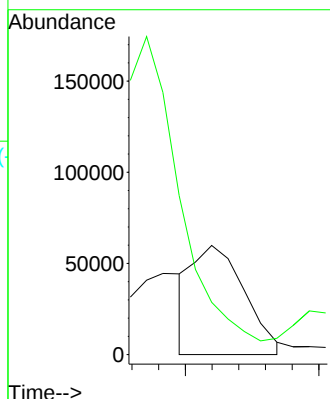
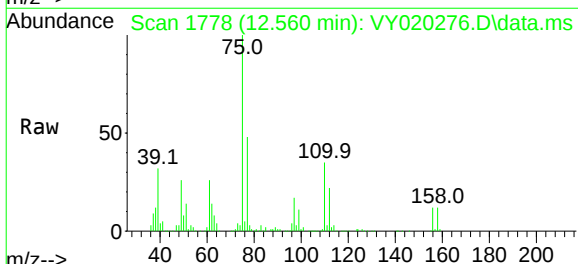
Acq: 13 Nov 2024 10:21

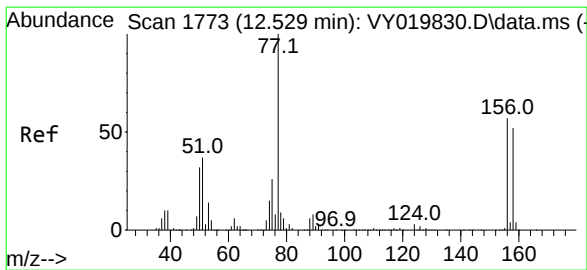
Tgt Ion: 75 Resp: 81397

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.487 ug/l

RT: 12.535 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY020276.D

Acq: 13 Nov 2024 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

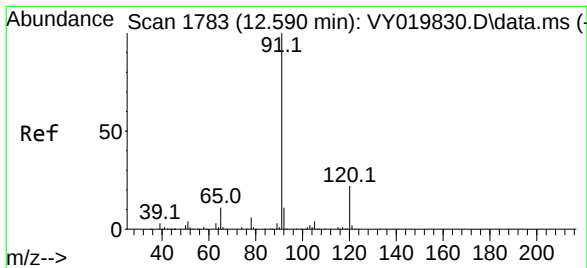
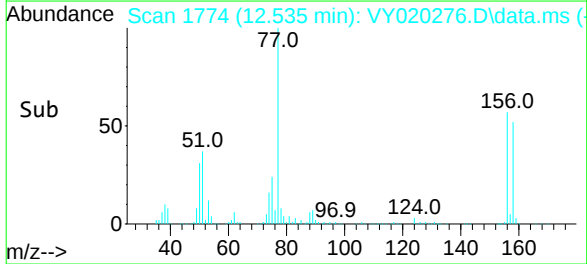
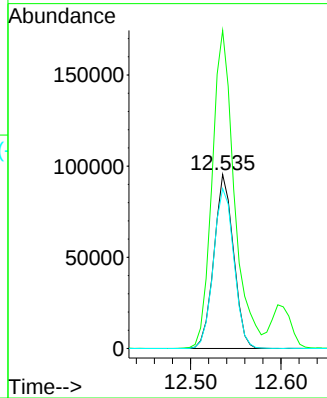
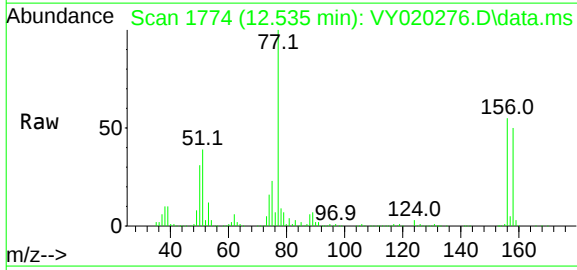
Tgt Ion:156 Resp: 143238

Ion Ratio Lower Upper

156 100

77 207.4 87.1 261.3

158 96.3 48.6 145.9



#78

n-propylbenzene

Concen: 52.634 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VY020276.D

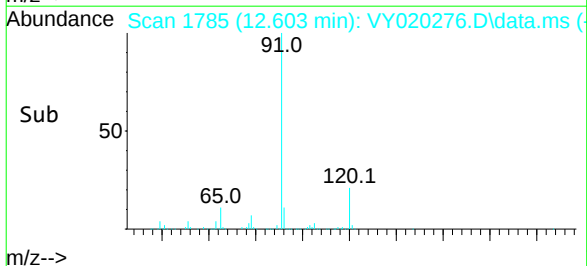
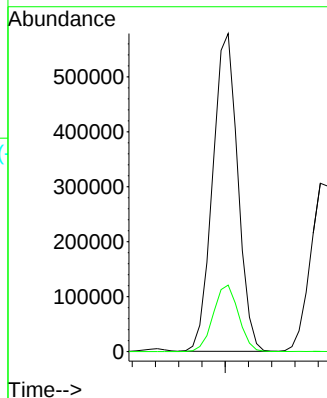
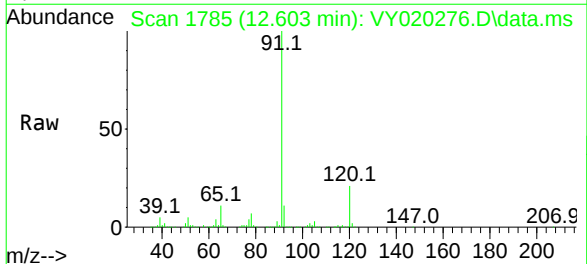
Acq: 13 Nov 2024 10:21

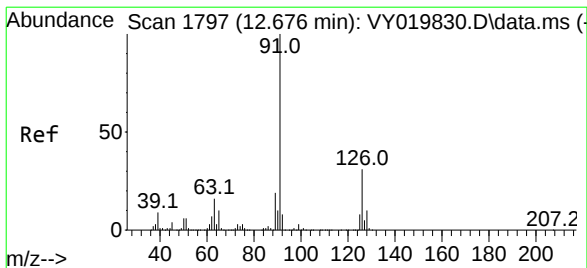
Tgt Ion: 91 Resp: 867417

Ion Ratio Lower Upper

91 100

120 21.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 52.886 ug/l

RT: 12.682 min Scan# 17

Delta R.T. 0.000 min

Lab File: VY020276.D

Acq: 13 Nov 2024 10:21

Instrument :

MSVOA_Y

ClientSampleId :

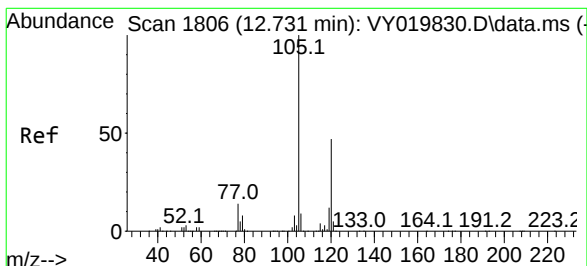
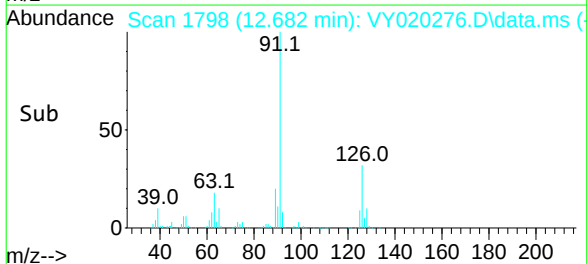
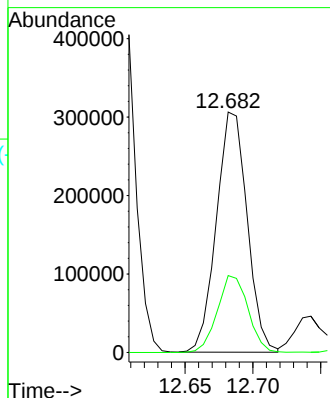
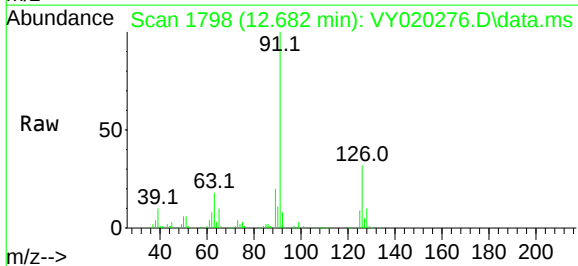
VSTDCCC050

Tgt Ion: 91 Resp: 483792

Ion Ratio Lower Upper

91 100

126 31.9 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 53.647 ug/l

RT: 12.743 min Scan# 1808

Delta R.T. 0.006 min

Lab File: VY020276.D

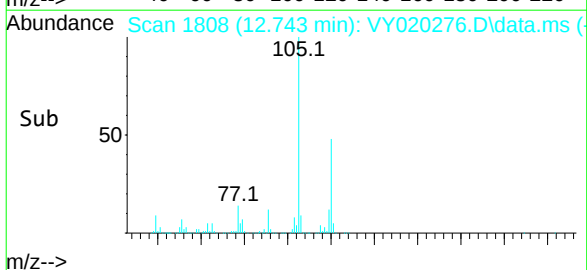
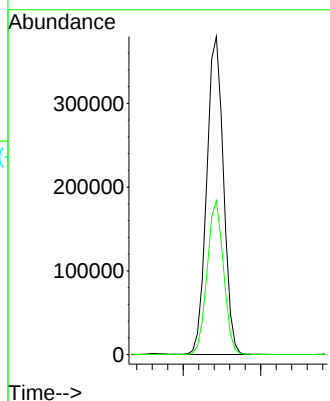
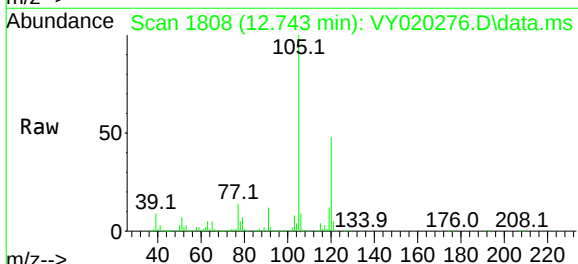
Acq: 13 Nov 2024 10:21

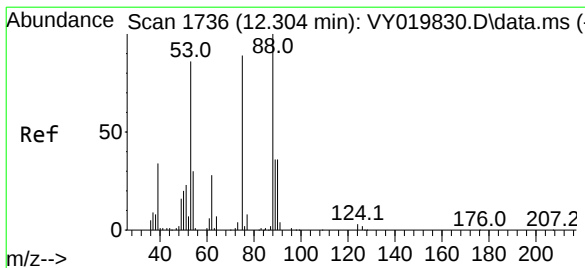
Tgt Ion:105 Resp: 570314

Ion Ratio Lower Upper

105 100

120 47.4 25.1 75.2

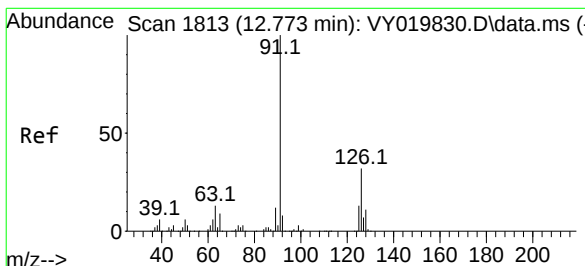
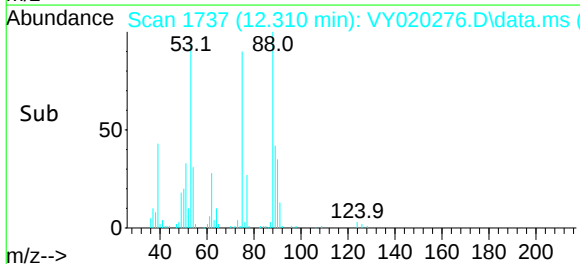
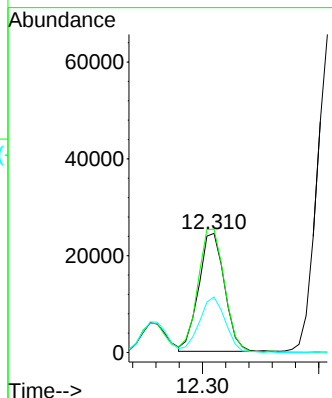
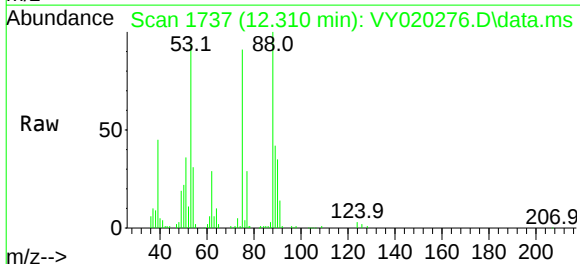




#81
trans-1,4-Dichloro-2-butene
Concen: 52.108 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. 0.006 min
Lab File: VY020276.D
Acq: 13 Nov 2024 10:21

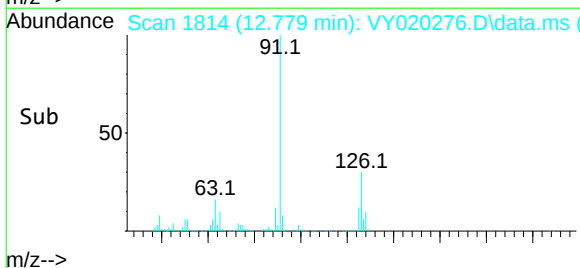
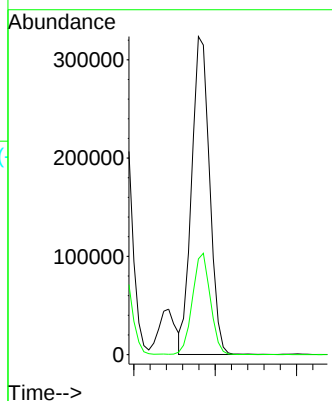
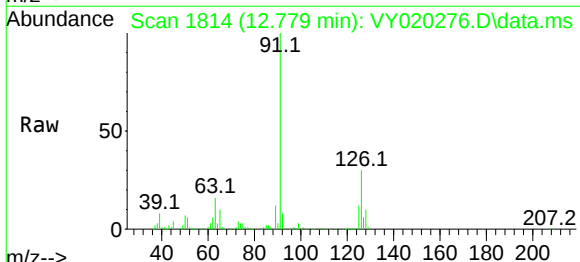
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

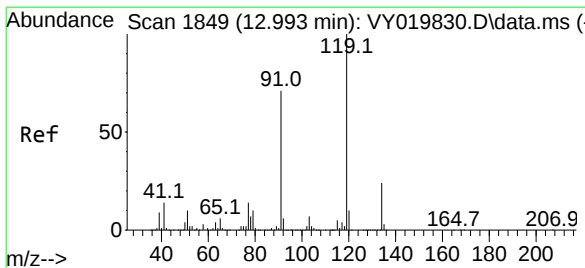
Tgt Ion: 75 Resp: 37642
Ion Ratio Lower Upper
75 100
53 107.0 66.8 100.2#
89 47.8 35.8 53.6



#82
4-Chlorotoluene
Concen: 53.075 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY020276.D
Acq: 13 Nov 2024 10:21

Tgt Ion: 91 Resp: 495048
Ion Ratio Lower Upper
91 100
126 31.8 17.6 52.9





#83

tert-Butylbenzene

Concen: 54.461 ug/l

RT: 13.005 min Scan# 18

Delta R.T. 0.006 min

Lab File: VY020276.D

Acq: 13 Nov 2024 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

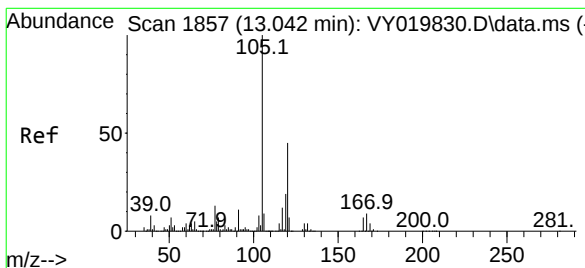
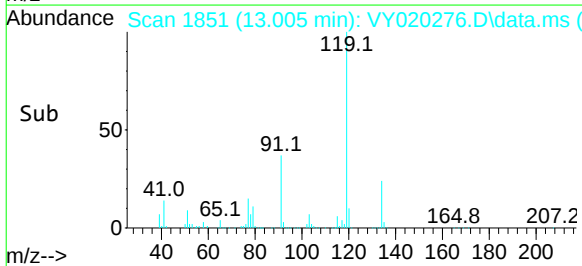
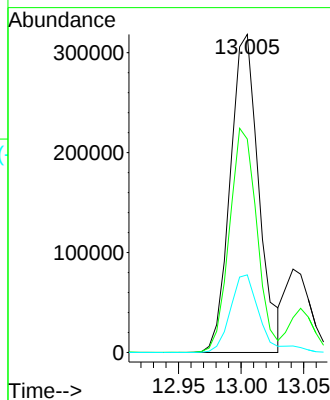
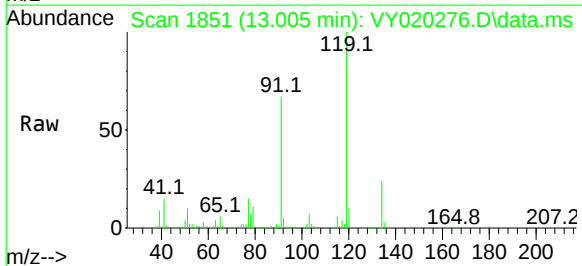
Tgt Ion:119 Resp: 506272

Ion Ratio Lower Upper

119 100

91 67.5 31.3 93.8

134 25.3 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 53.640 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VY020276.D

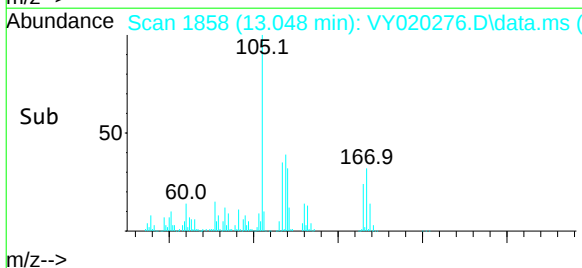
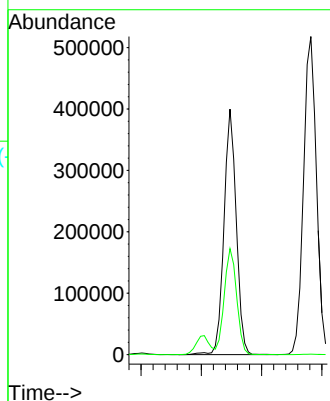
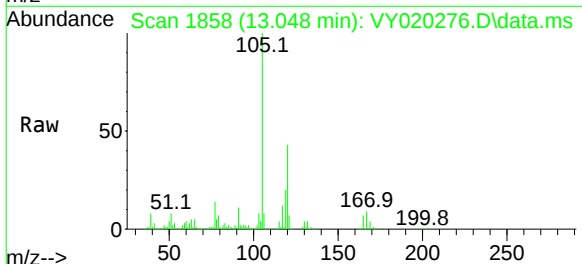
Acq: 13 Nov 2024 10:21

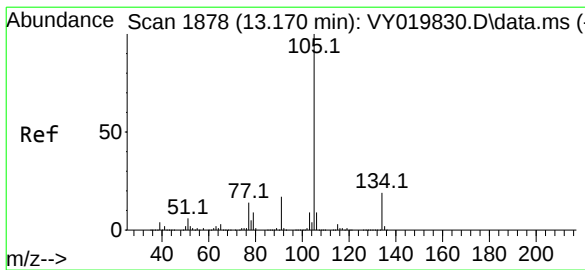
Tgt Ion:105 Resp: 564807

Ion Ratio Lower Upper

105 100

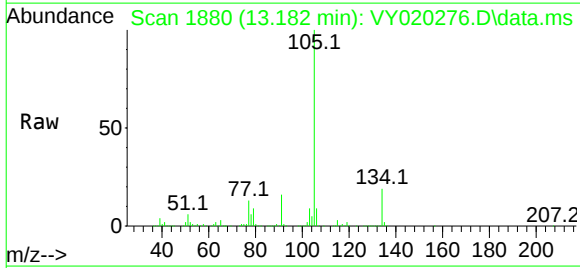
120 43.5 23.2 69.6



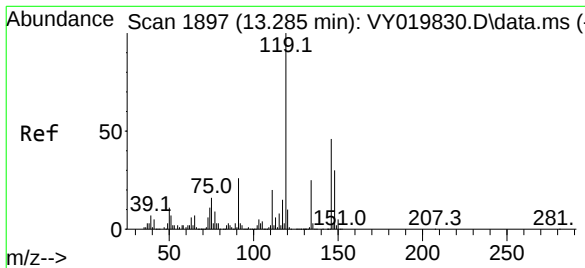
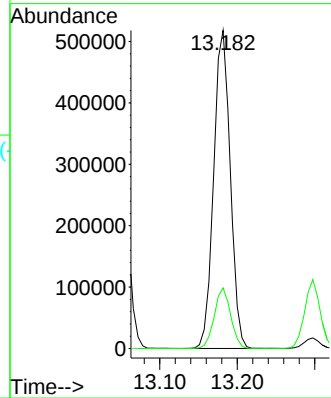
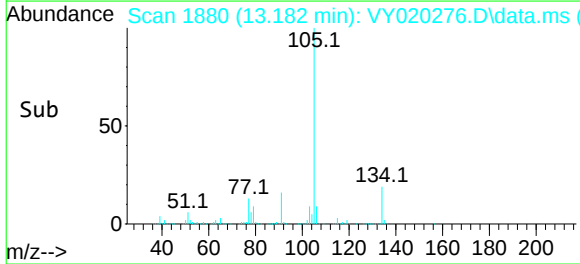


#85
sec-Butylbenzene
Concen: 53.936 ug/l
RT: 13.182 min Scan# 1878
Delta R.T. 0.006 min
Lab File: VY020276.D
Acq: 13 Nov 2024 10:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

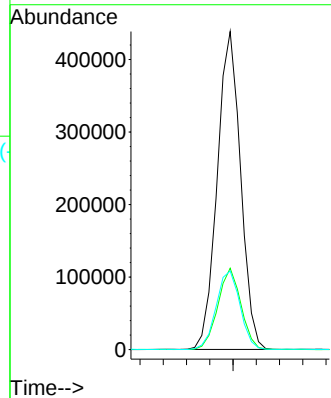
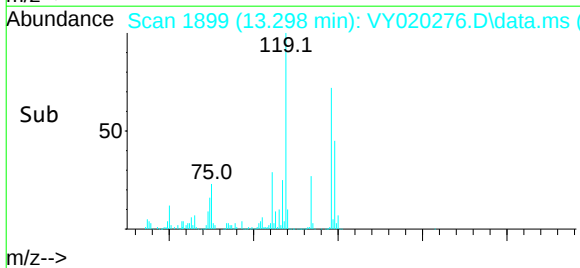
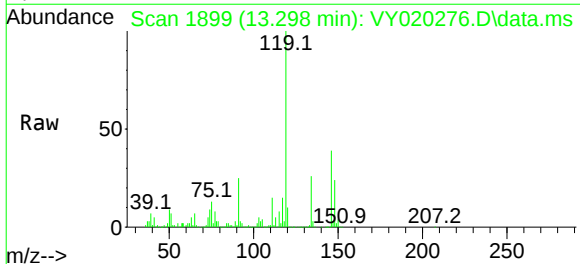


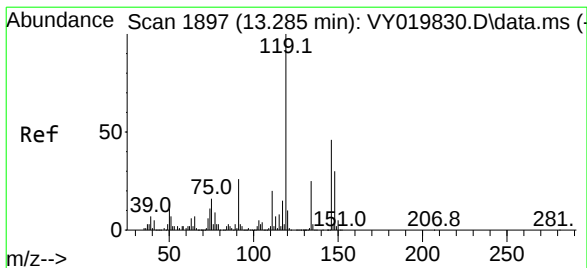
Tgt Ion:105 Resp: 769721
Ion Ratio Lower Upper
105 100
134 18.8 10.1 30.1



#86
p-Isopropyltoluene
Concen: 53.377 ug/l
RT: 13.298 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VY020276.D
Acq: 13 Nov 2024 10:21

Tgt Ion:119 Resp: 611268
Ion Ratio Lower Upper
119 100
134 25.4 13.1 39.3
91 25.3 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 53.236 ug/l

RT: 13.291 min Scan# 18

Delta R.T. 0.000 min

Lab File: VY020276.D

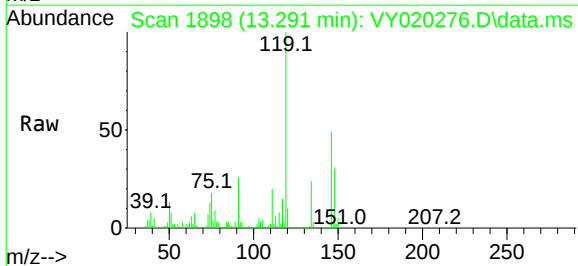
Acq: 13 Nov 2024 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



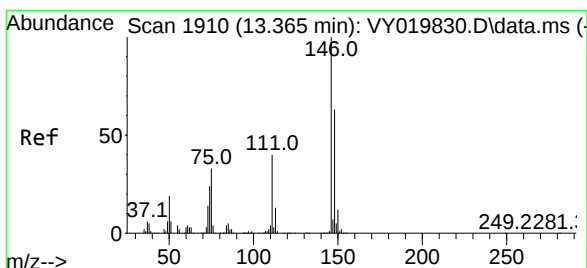
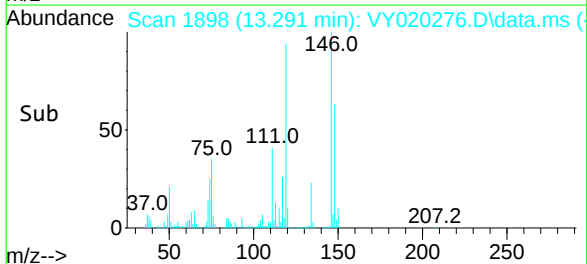
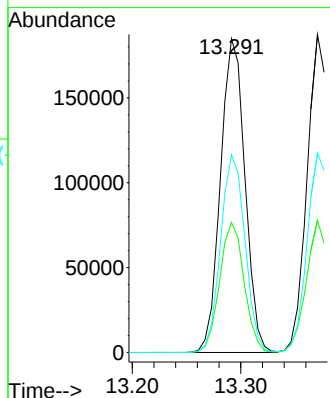
Tgt Ion:146 Resp: 289626

Ion	Ratio	Lower	Upper
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146	100		
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111	41.5	19.0	57.0
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148	62.9	31.7	95.1
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#88

1,4-Dichlorobenzene

Concen: 51.641 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VY020276.D

Acq: 13 Nov 2024 10:21

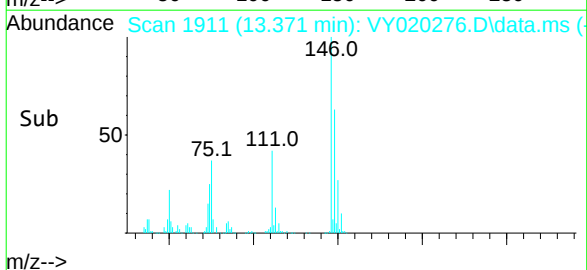
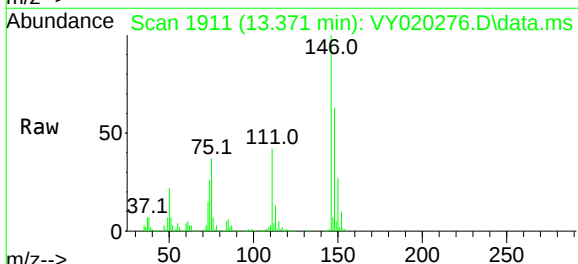
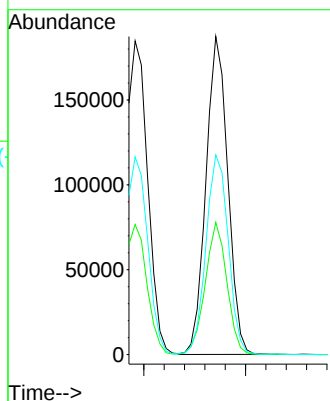
Tgt Ion:146 Resp: 279778

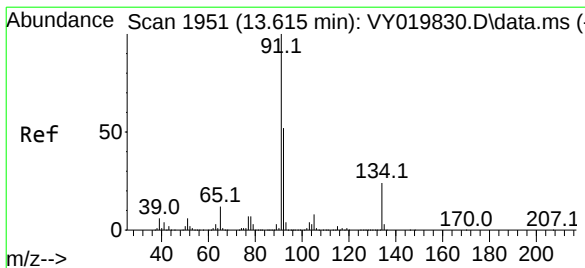
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

146	100		
-----	-----	--	--

111	41.0	18.4	55.4
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148	63.9	32.4	97.2
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#89

n-Butylbenzene

Concen: 60.989 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY020276.D

Acq: 13 Nov 2024 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

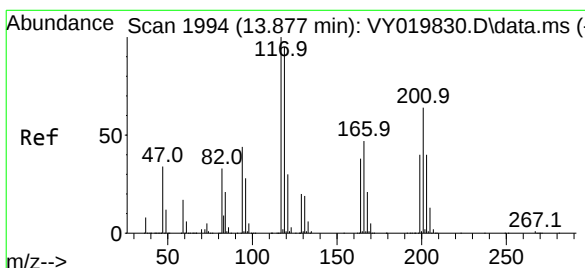
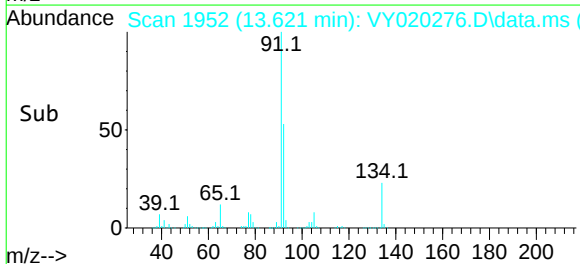
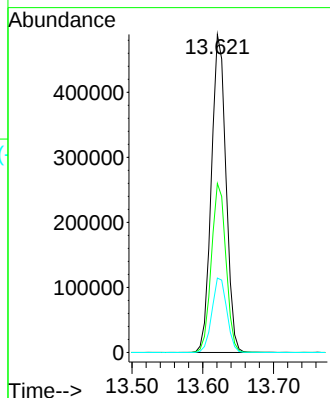
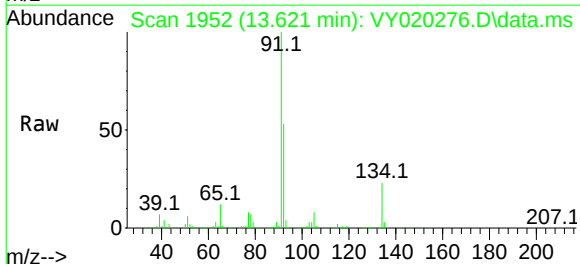
Tgt Ion: 91 Resp: 700144

Ion Ratio Lower Upper

91 100

92 53.1 26.6 79.7

134 23.9 12.9 38.7



#90

Hexachloroethane

Concen: 52.697 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY020276.D

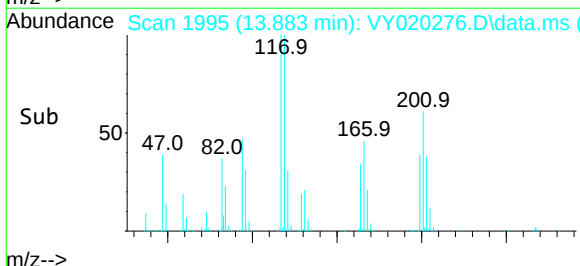
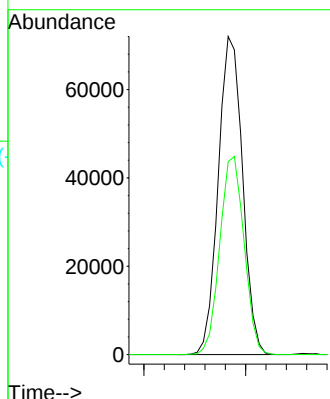
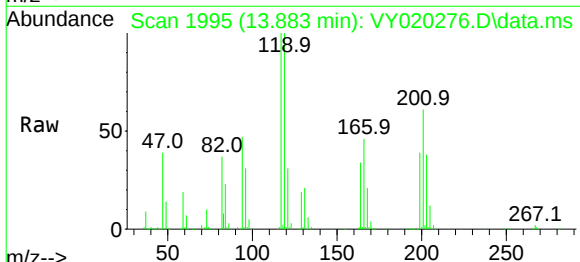
Acq: 13 Nov 2024 10:21

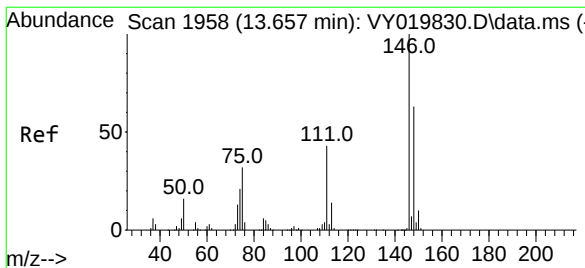
Tgt Ion: 117 Resp: 119349

Ion Ratio Lower Upper

117 100

201 62.3 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 61.693 ug/l

RT: 13.663 min Scan# 19

Delta R.T. 0.006 min

Lab File: VY020276.D

Acq: 13 Nov 2024 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

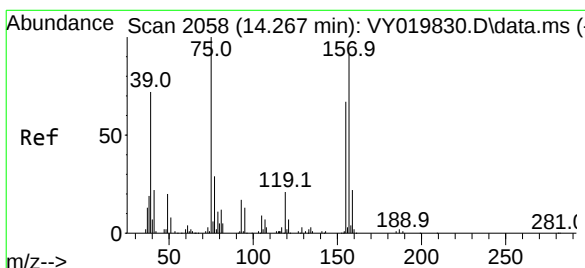
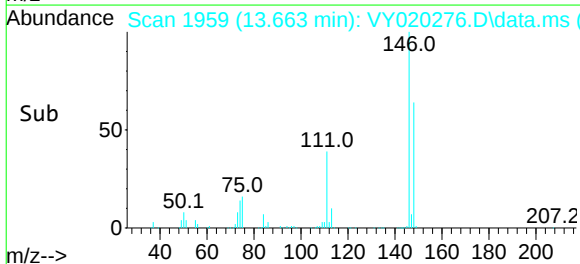
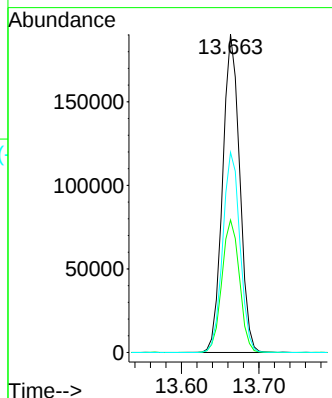
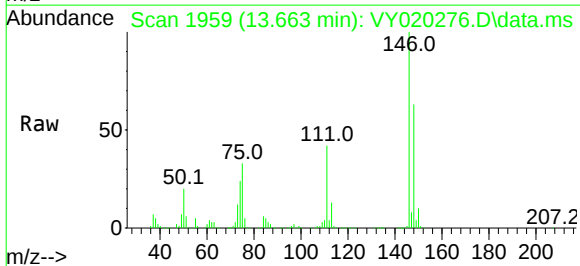
Tgt Ion:146 Resp: 291738

Ion Ratio Lower Upper

146 100

111 42.7 19.9 59.7

148 63.5 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.902 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.006 min

Lab File: VY020276.D

Acq: 13 Nov 2024 10:21

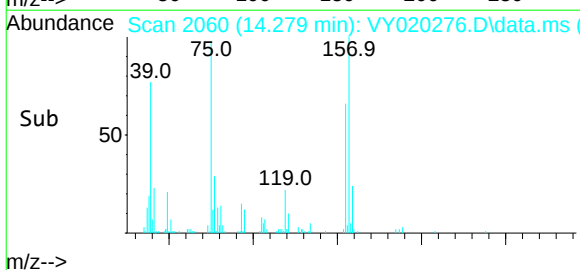
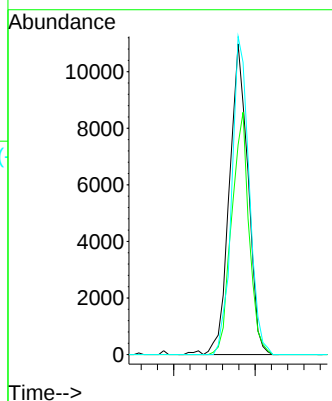
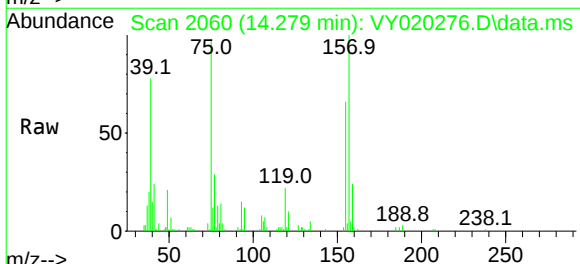
Tgt Ion: 75 Resp: 17526

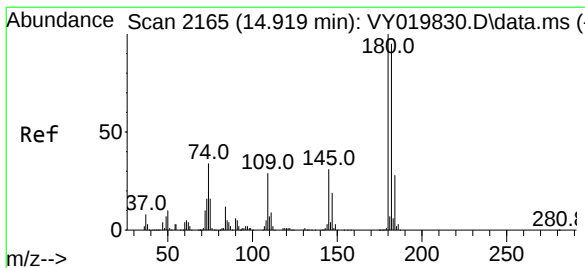
Ion Ratio Lower Upper

75 100

155 72.6 48.6 145.8

157 95.1 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 49.350 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY020276.D

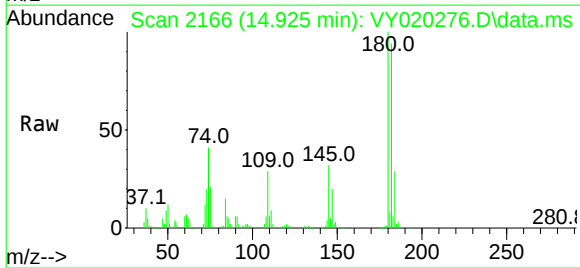
Acq: 13 Nov 2024 10:21

Instrument :

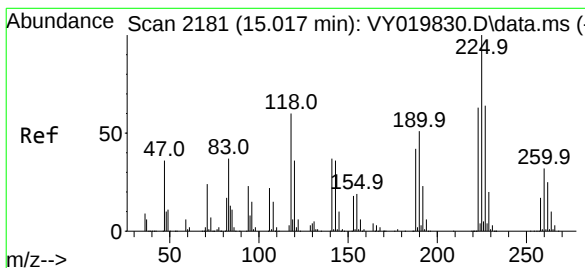
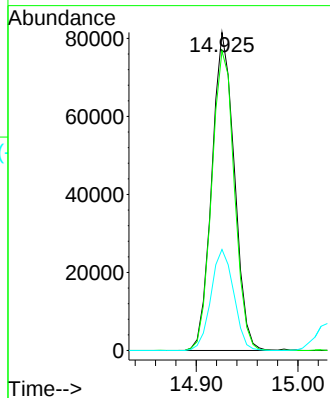
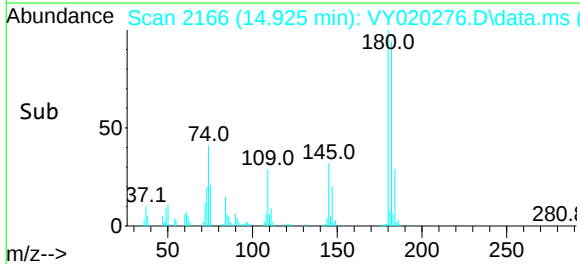
MSVOA_Y

ClientSampleId :

VSTDCCC050



Tgt Ion:	180	Resp:	125365
Ion Ratio	Lower	Upper	
180	100		
182	94.6	47.9	143.8
145	32.0	14.2	42.6



#94

Hexachlorobutadiene

Concen: 68.498 ug/l

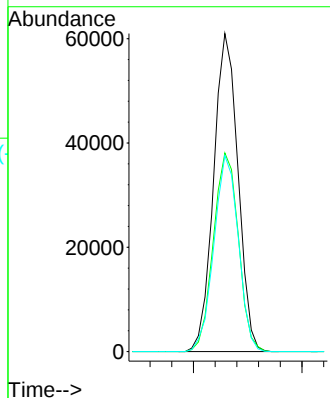
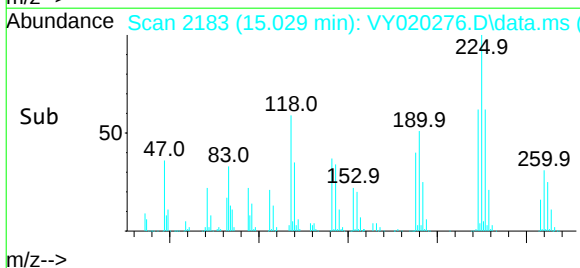
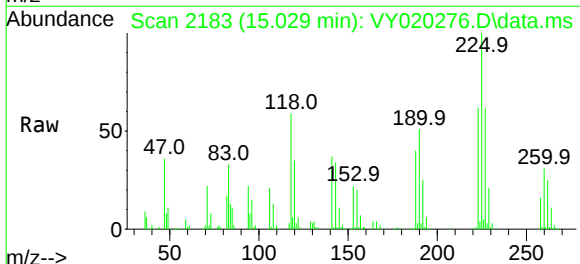
RT: 15.029 min Scan# 2183

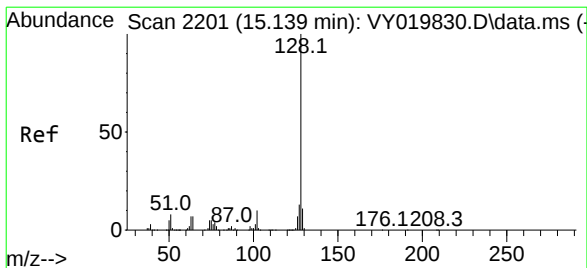
Delta R.T. 0.006 min

Lab File: VY020276.D

Acq: 13 Nov 2024 10:21

Tgt Ion:	225	Resp:	95150
Ion Ratio	Lower	Upper	
225	100		
223	64.0	30.4	91.2
227	61.7	31.9	95.9





#95

Naphthalene

Concen: 59.957 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY020276.D

Acq: 13 Nov 2024 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

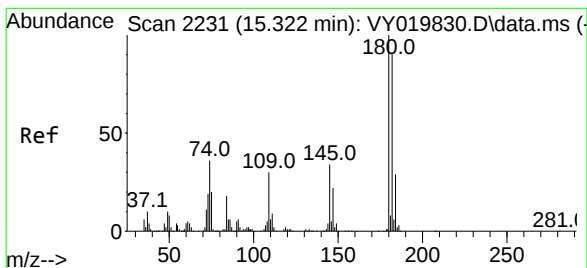
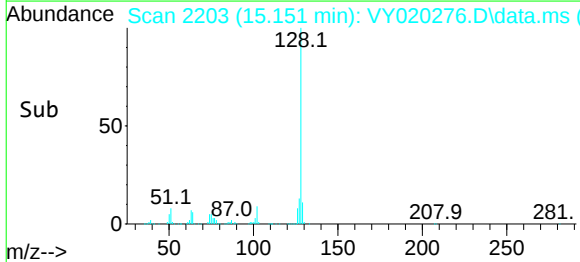
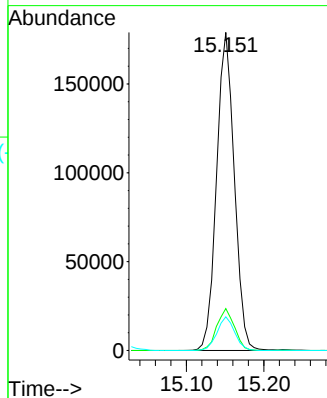
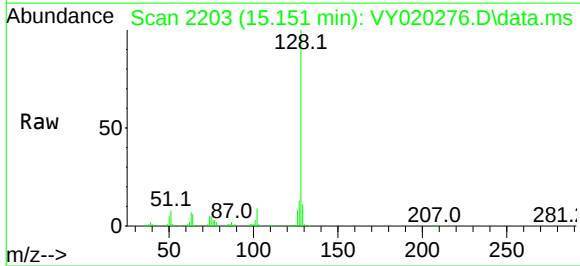
Tgt Ion:128 Resp: 284714

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

129 10.5 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 47.615 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY020276.D

Acq: 13 Nov 2024 10:21

Tgt Ion:180 Resp: 102677

Ion Ratio Lower Upper

180 100

182 94.4 47.6 142.9

145 35.5 15.4 46.1

