

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY010220\
 Data File : VY001131.D
 Acq On : 02 Jan 2020 11:46
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Jan 02 12:14:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y010220S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 02 12:11:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	369216	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	599295	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	521114	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	247767	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	152952	42.90	ug/l	0.00
Spiked Amount			Recovery	=	85.80%	
35) Dibromofluoromethane	7.73	113	169861	47.97	ug/l	0.00
Spiked Amount			Recovery	=	95.94%	
50) Toluene-d8	10.18	98	625532	46.15	ug/l	0.00
Spiked Amount			Recovery	=	92.30%	
62) 4-Bromofluorobenzene	12.48	95	226231	45.02	ug/l	0.00
Spiked Amount			Recovery	=	90.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	150737	46.856	ug/l	100
3) Chloromethane	2.12	50	88619	22.132	ug/l	100
4) Vinyl Chloride	2.26	62	94237	24.086	ug/l	100
5) Bromomethane	2.65	94	69892	28.691	ug/l	100
6) Chloroethane	2.80	64	59583	24.517	ug/l	100
7) Trichlorofluoromethane	3.13	101	238548	39.214	ug/l	100
8) Diethyl Ether	3.54	74	76541	31.784	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	154870	38.907	ug/l	100
10) Methyl Iodide	4.10	142	272305	48.087	ug/l	100
11) Tert butyl alcohol	4.97	59	75402	193.186	ug/l	100
12) 1,1-Dichloroethene	3.88	96	160899	39.790	ug/l	100
13) Acrolein	3.74	56	57143	127.351	ug/l	100
14) Allyl chloride	4.49	41	221155	35.788	ug/l	100
15) Acrylonitrile	5.19	53	231913	189.200	ug/l	100
16) Acetone	3.96	43	111090	140.441	ug/l	100
17) Carbon Disulfide	4.21	76	555903	41.864	ug/l	100
18) Methyl Acetate	4.49	43	99695	32.420	ug/l	100
19) Methyl tert-butyl Ether	5.24	73	463639	43.897	ug/l	100
20) Methylene Chloride	4.73	84	214021	43.422	ug/l	100
21) trans-1,2-Dichloroethene	5.23	96	216180	47.027	ug/l	100
22) Diisopropyl ether	6.13	45	436172	35.065	ug/l	100
23) Vinyl Acetate	6.08	43	1367523	174.600	ug/l	100
24) 1,1-Dichloroethane	6.03	63	300331	40.049	ug/l	100
25) 2-Butanone	7.00	43	230323	164.436	ug/l	100
26) 2,2-Dichloropropane	6.99	77	285235	45.280	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	234488	46.533	ug/l	100
28) Bromochloromethane	7.35	49	108387	37.968	ug/l	100
29) Tetrahydrofuran	7.36	42	154306	155.697	ug/l	100
30) Chloroform	7.52	83	316576	43.955	ug/l	100
31) Cyclohexane	7.79	56	293610	37.270	ug/l	100
32) 1,1,1-Trichloroethane	7.72	97	302388	48.317	ug/l	100
36) 1,1-Dichloropropene	7.93	75	265543	46.447	ug/l	100
37) Ethyl Acetate	7.08	43	109586	36.004	ug/l	100
38) Carbon Tetrachloride	7.91	117	277914	53.945	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	366869	48.094	ug/l	100
40) Benzene	8.17	78	812739	47.048	ug/l	100
41) Methacrylonitrile	7.35	41	136520	107.115	ug/l #	17
42) 1,2-Dichloroethane	8.25	62	191060	46.560	ug/l	100
43) Isopropyl Acetate	8.28	43	205781	36.571	ug/l	100
44) Trichloroethene	8.95	130	241949	52.096	ug/l	100
45) 1,2-Dichloropropane	9.22	63	177489	41.849	ug/l	100
46) Dibromomethane	9.31	93	102021	46.103	ug/l	100
47) Bromodichloromethane	9.50	83	230444	45.118	ug/l	100
48) Methyl methacrylate	9.30	41	85759	35.969	ug/l	100
49) 1,4-Dioxane	9.30	88	29355	908.408	ug/l	100
51) 4-Methyl-2-Pentanone	10.07	43	465489	161.297	ug/l	100
52) Toluene	10.24	92	483015	45.770	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	245169	44.379	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	273595	41.511	ug/l	100
55) 1,1,2-Trichloroethane	10.64	97	157374	47.230	ug/l	100
56) Ethyl methacrylate	10.51	69	201914	43.471	ug/l	100
57) 1,3-Dichloropropane	10.79	76	255701	44.306	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	308493	173.434	ug/l	100
59) 2-Hexanone	10.83	43	363677	179.764	ug/l	100
60) Dibromochloromethane	10.99	129	187786	52.023	ug/l	100
61) 1,2-Dibromoethane	11.09	107	157444	49.216	ug/l	100
64) Tetrachloroethene	10.72	164	251298	53.988	ug/l	100
65) Chlorobenzene	11.52	112	556819	50.619	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	197603	54.046	ug/l	100
67) Ethyl Benzene	11.59	91	985653	50.106	ug/l	100
68) m/p-Xylenes	11.70	106	764246	101.862	ug/l	100
69) o-Xylene	12.03	106	361142	51.172	ug/l	100
70) Styrene	12.04	104	623015	51.905	ug/l	100
71) Bromoform	12.20	173	111747	54.950	ug/l #	100
73) Isopropylbenzene	12.33	105	946807	48.936	ug/l	100
74) N-amyl acetate	12.14	43	179597	37.157	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	160710	43.169	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	226353	74.384	ug/l #	100
77) Bromobenzene	12.61	156	220846	50.375	ug/l	100
78) n-propylbenzene	12.67	91	1117543	47.570	ug/l	100
79) 2-Chlorotoluene	12.75	91	608283	46.993	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	788571	49.630	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	63228	44.739	ug/l	100
82) 4-Chlorotoluene	12.85	91	620971	46.360	ug/l	100
83) tert-Butylbenzene	13.07	119	682906	50.804	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	775335	48.712	ug/l	100
85) sec-Butylbenzene	13.25	105	959752	48.851	ug/l	100
86) p-Isopropyltoluene	13.37	119	854706	50.156	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	413046	49.327	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	417018	49.333	ug/l	100
89) n-Butylbenzene	13.69	91	795597	46.976	ug/l	100
90) Hexachloroethane	13.96	117	158092	49.566	ug/l	100
91) 1,2-Dichlorobenzene	13.73	146	380447	49.301	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	26026	41.976	ug/l	100

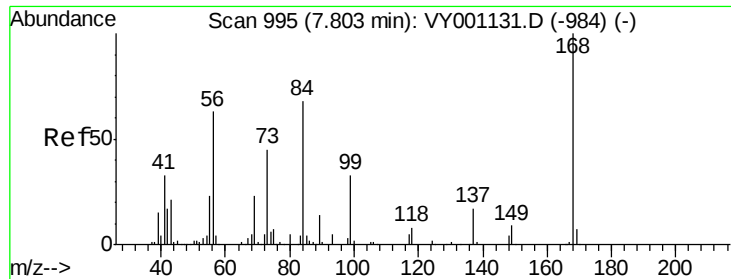
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	258878	49.617	ug/l	100
94) Hexachlorobutadiene	15.11	225	133069	52.936	ug/l	100
95) Naphthalene	15.23	128	574414	47.301	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	231737	49.806	ug/l	100

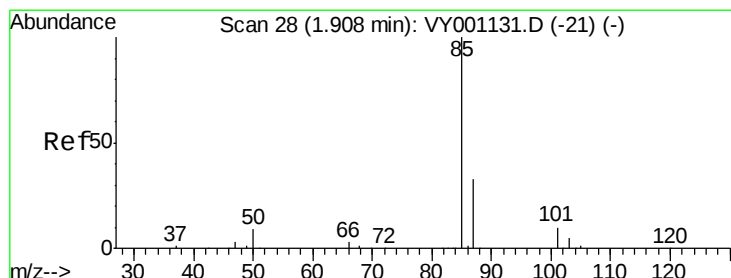
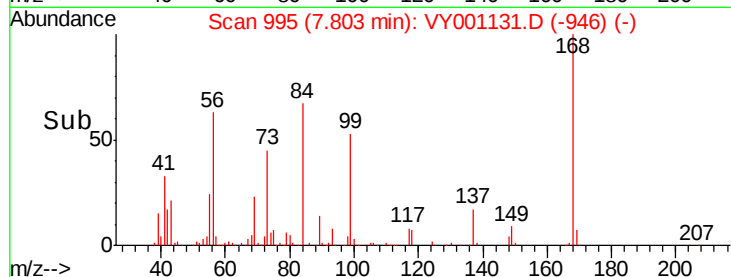
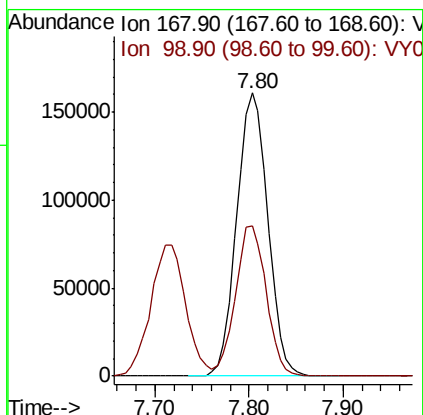
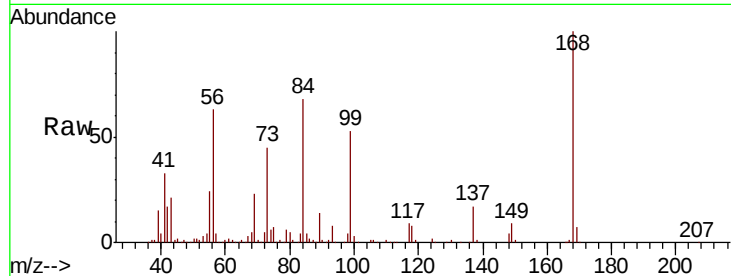
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.00 min
Lab File: VY001131.D
Acq: 02 Jan 2020 11:46

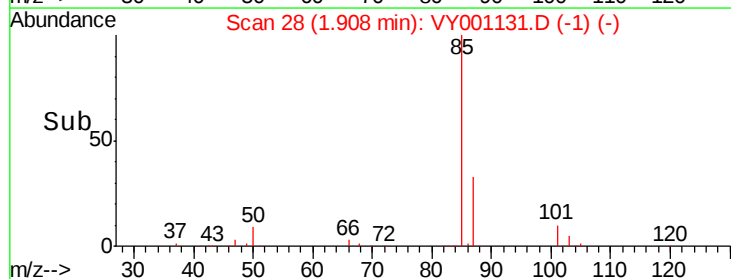
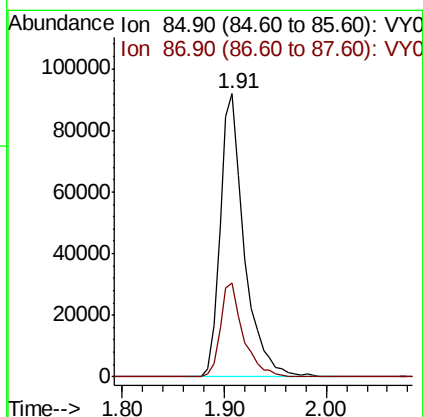
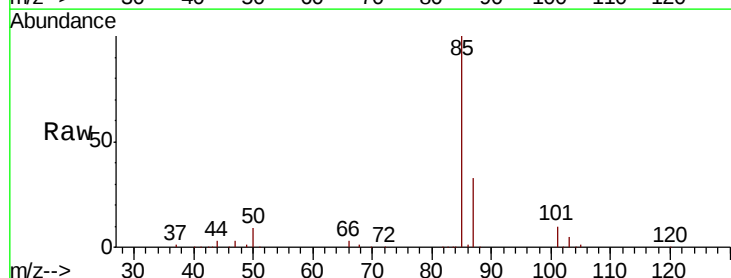
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

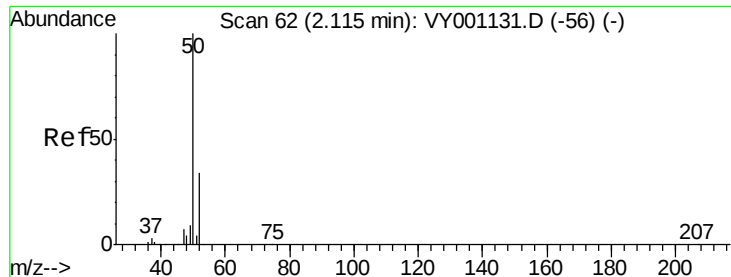
Tot Ion:168 Resp: 369216
Ion Ratio Lower Upper
168 100
99 53.1 42.5 63.7



#2
Dichlorodifluoromethane
Concen: 46.856 ug/l
RT: 1.91 min Scan# 28
Delta R.T. 0.00 min
Lab File: VY001131.D
Acq: 02 Jan 2020 11:46

Tgt Ion: 85 Resp: 150737
Ion Ratio Lower Upper
85 100
87 33.1 16.6 49.7





#3

Chloromethane

Concen: 22.132 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY001131.D

Acq: 02 Jan 2020 11:46

Instrument :

MSVOA_Y

ClientSampleId :

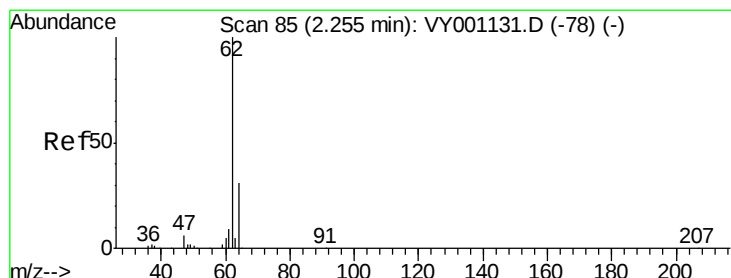
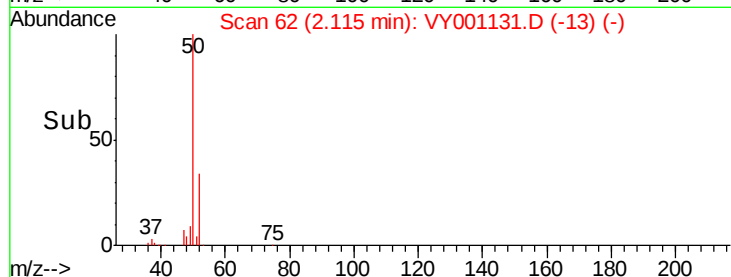
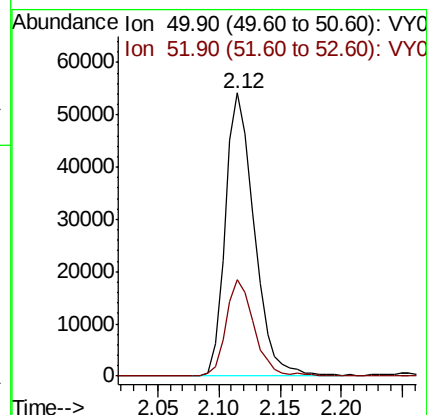
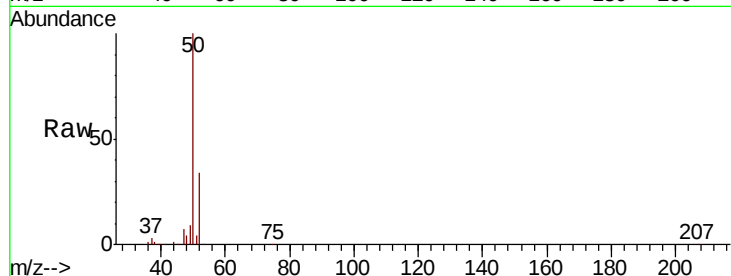
VSTDICCC050

Tot Ion: 50 Resp: 88619

Ion Ratio Lower Upper

50 100

52 34.1 27.3 40.9



#4

Vinyl Chloride

Concen: 24.086 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY001131.D

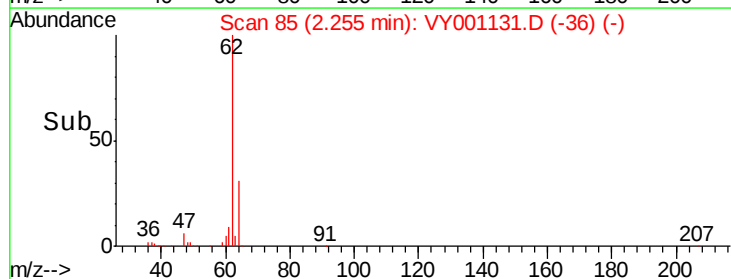
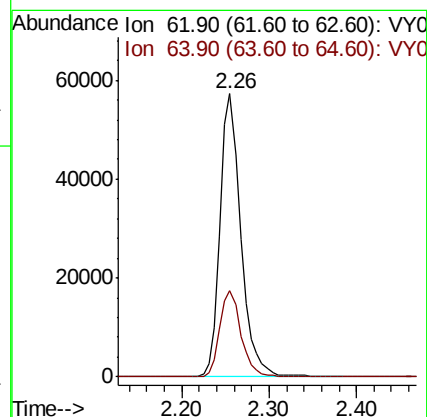
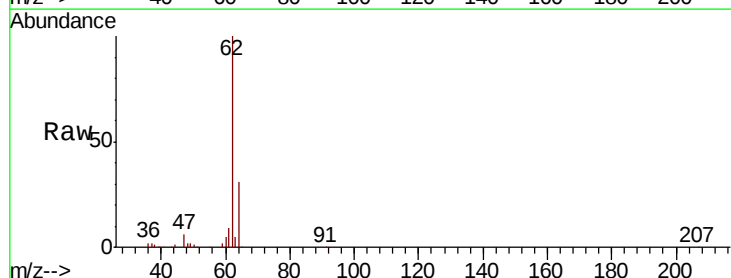
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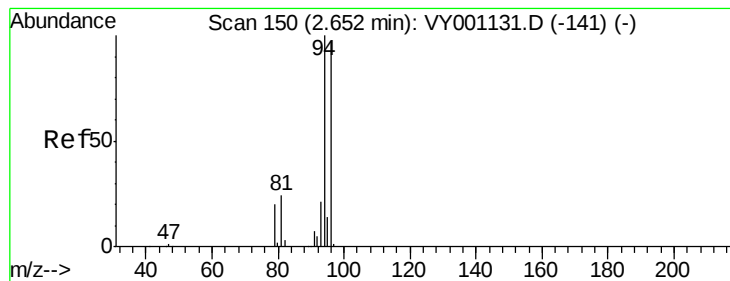
Tgt Ion: 62 Resp: 94237

Ion Ratio Lower Upper

62 100

64 30.5 24.4 36.6





#5

Bromomethane

Concen: 28.691 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY001131.D

Acq: 02 Jan 2020 11:46

Instrument :

MSVOA_Y

ClientSampleId :

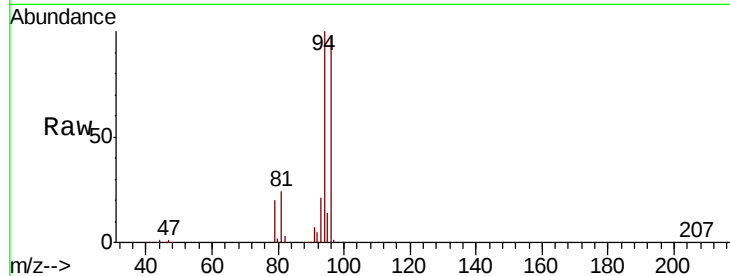
VSTDICCC050

Tot Ion: 94 Resp: 69892

Ion Ratio Lower Upper

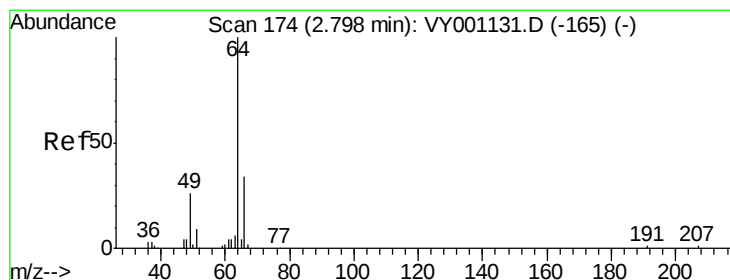
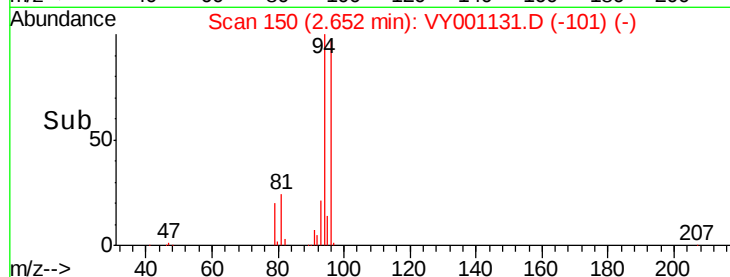
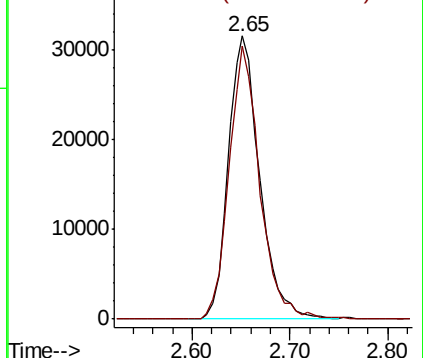
94 100

96 96.6 77.3 115.9



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 24.517 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.00 min

Lab File: VY001131.D

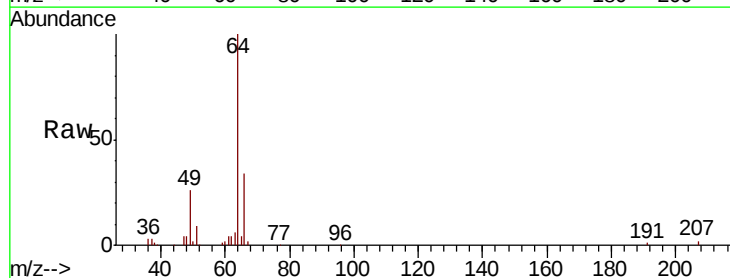
Acq: 02 Jan 2020 11:46

Tgt Ion: 64 Resp: 59583

Ion Ratio Lower Upper

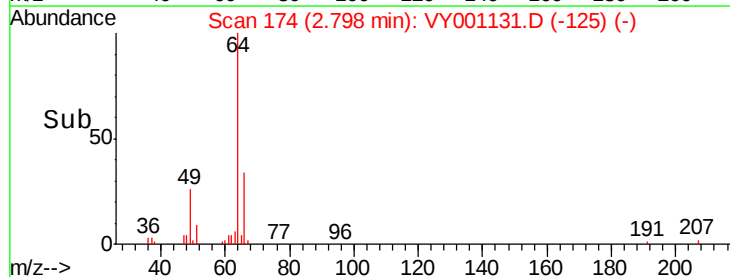
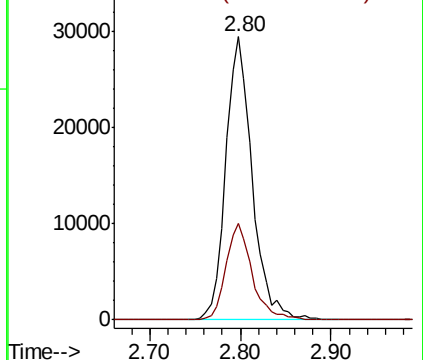
64 100

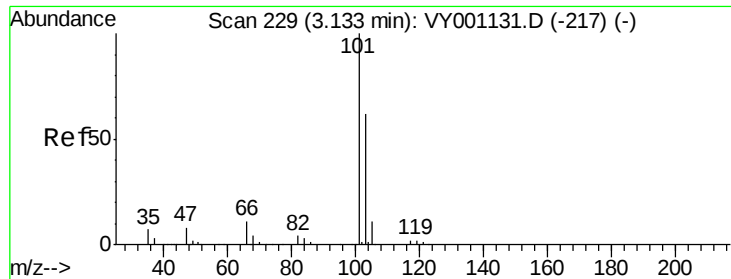
66 34.2 27.4 41.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



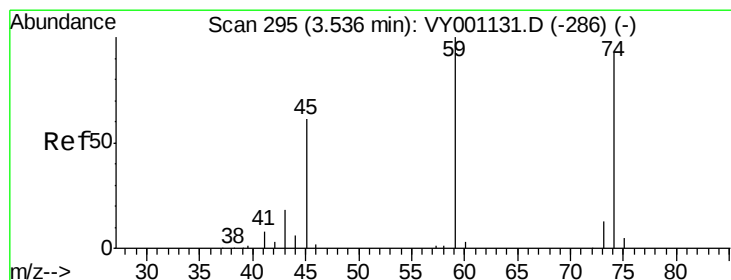
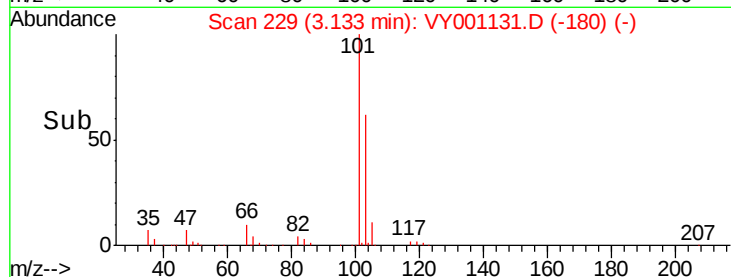
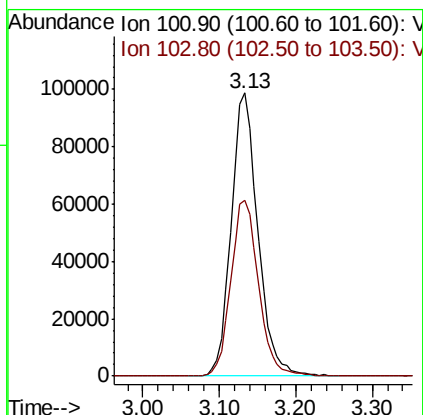
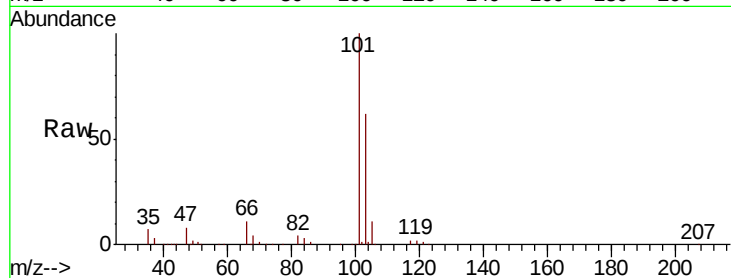


#7

Trichlorofluoromethane
 Concen: 39.214 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. 0.00 min
 Lab File: VY001131.D
 Acq: 02 Jan 2020 11:46

Instrument :
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 VSTDICCC050

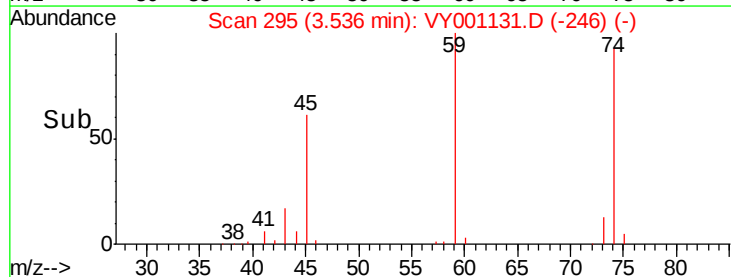
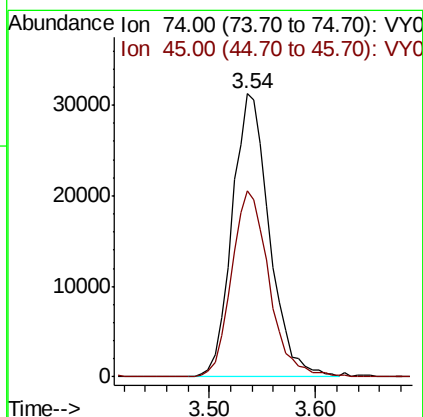
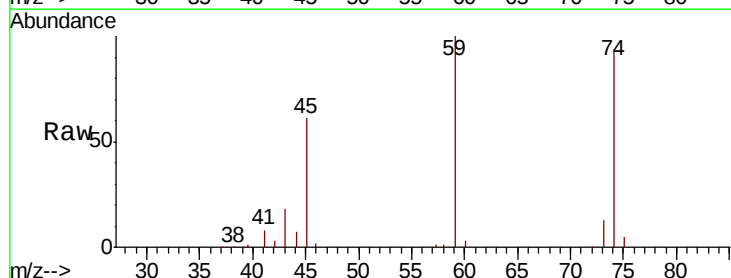
Tot Ion:101 Resp: 238548
 Ion Ratio Lower Upper
 101 100
 103 62.1 49.7 74.5

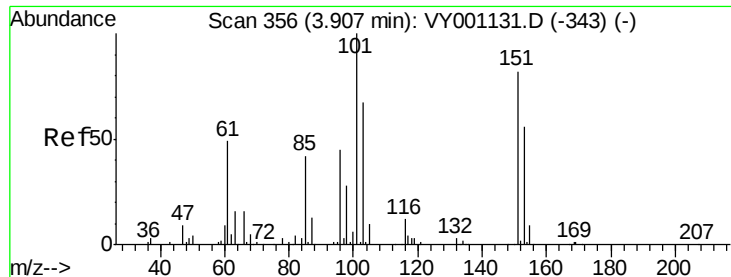


#8

Diethyl Ether
 Concen: 31.784 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY001131.D
 Acq: 02 Jan 2020 11:46

Tgt Ion: 74 Resp: 76541
 Ion Ratio Lower Upper
 74 100
 45 66.4 33.2 99.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 38.907 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.00 min

Lab File: VY001131.D

Acq: 02 Jan 2020 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

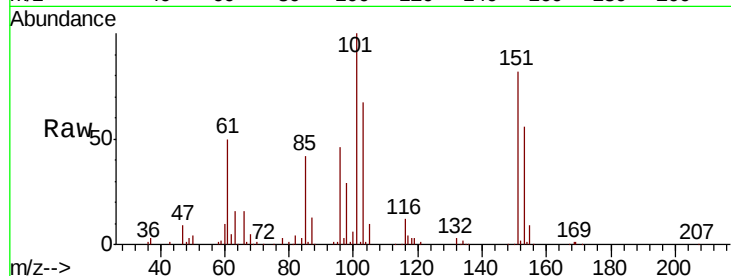
Tot Ion:101 Resp: 154870

Ion Ratio Lower Upper

101 100

85 41.0 32.8 49.2

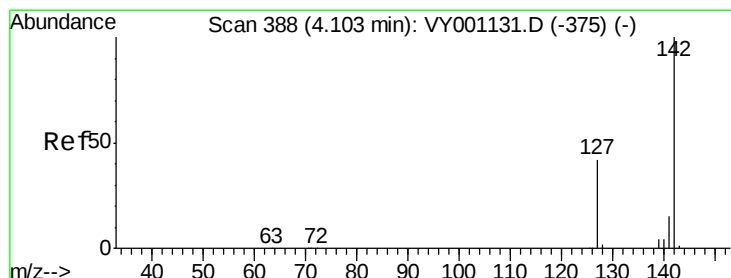
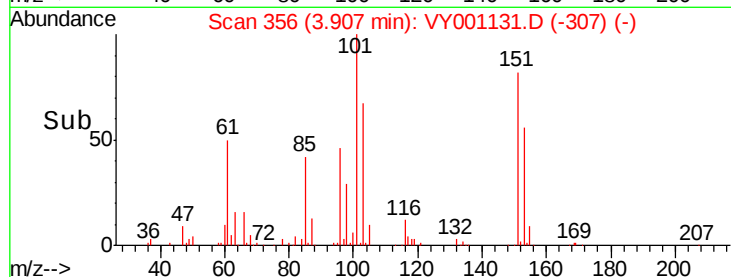
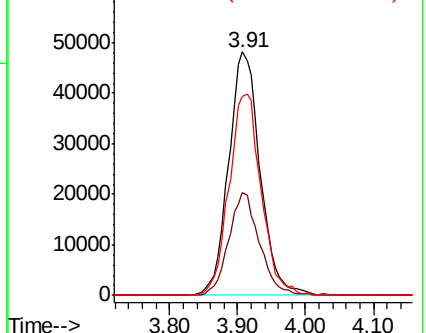
151 84.2 67.4 101.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.087 ug/l

RT: 4.10 min Scan# 388

Delta R.T. 0.00 min

Lab File: VY001131.D

Acq: 02 Jan 2020 11:46

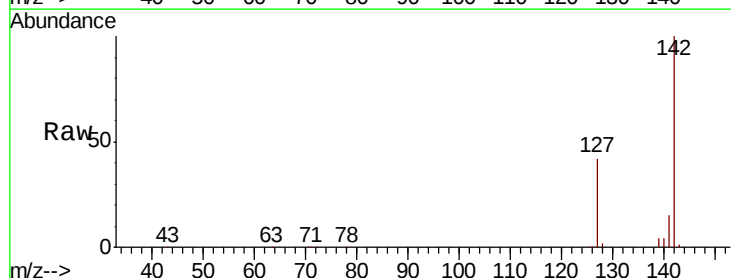
Tgt Ion:142 Resp: 272305

Ion Ratio Lower Upper

142 100

127 40.3 32.2 48.4

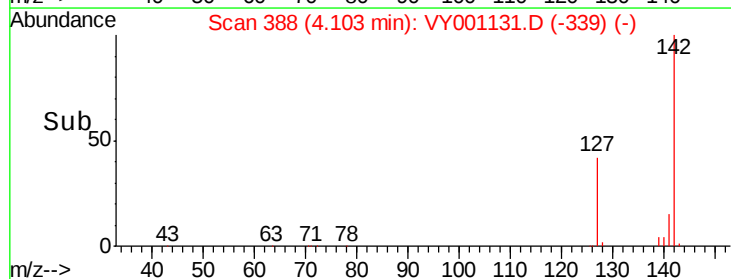
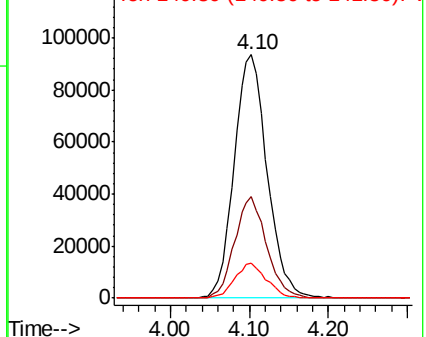
141 13.9 11.1 16.7

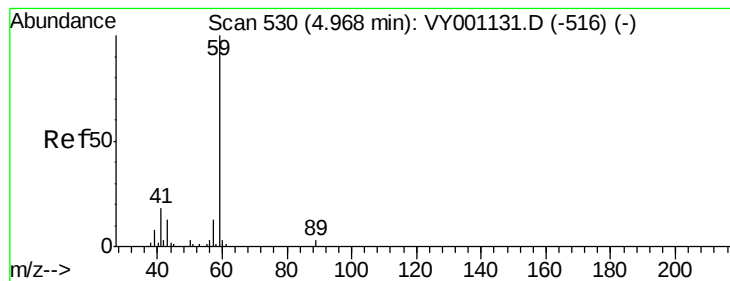


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



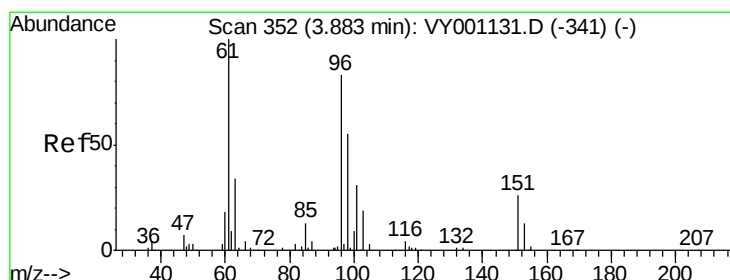
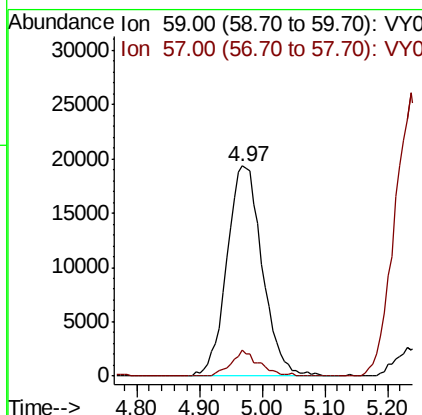
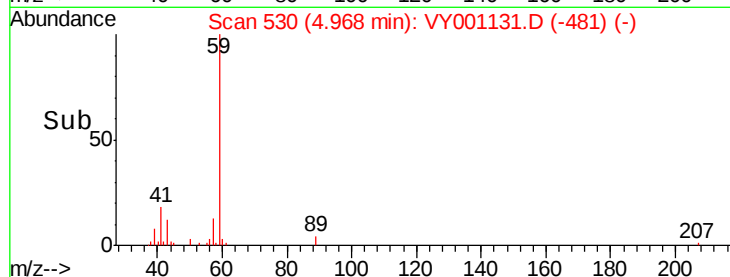
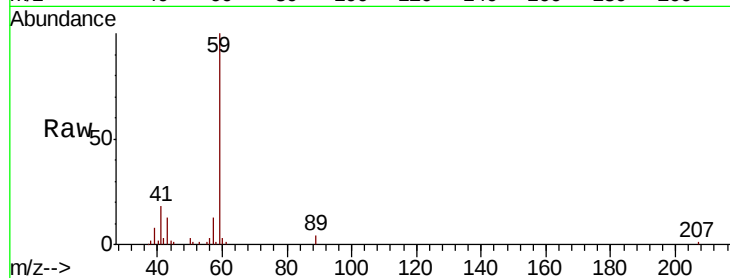


#11

Tert butyl alcohol
 Concen: 193.186 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: VY001131.D
 Acq: 02 Jan 2020 11:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

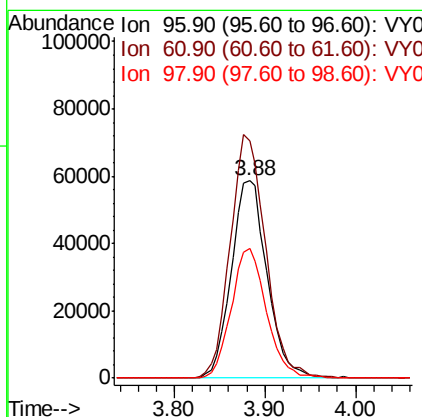
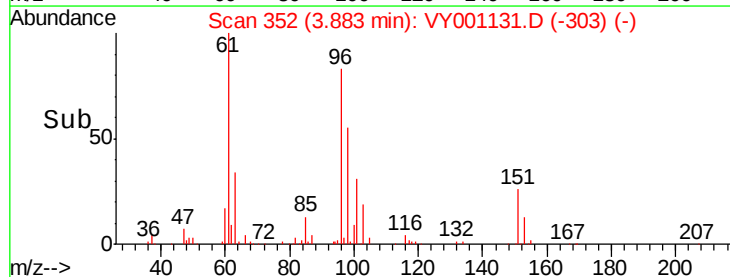
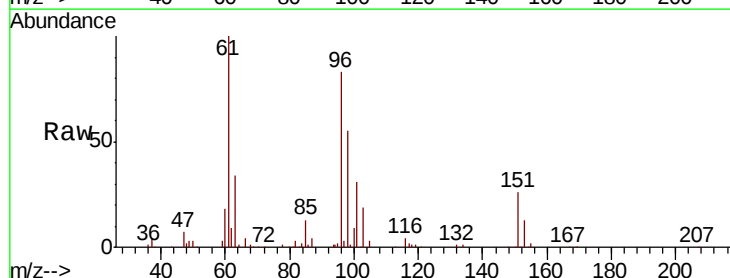
Tot Ion: 59 Resp: 75402
 Ion Ratio Lower Upper
 59 100
 57 9.7 7.8 11.6

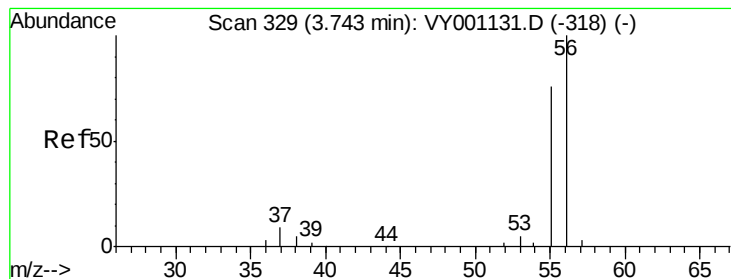


#12

1,1-Dichloroethene
 Concen: 39.790 ug/l
 RT: 3.88 min Scan# 352
 Delta R.T. 0.00 min
 Lab File: VY001131.D
 Acq: 02 Jan 2020 11:46

Tgt Ion: 96 Resp: 160899
 Ion Ratio Lower Upper
 96 100
 61 120.3 96.2 144.4
 98 66.0 52.8 79.2





#13

Acrolein

Concen: 127.351 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.00 min

Lab File: VY001131.D

Acq: 02 Jan 2020 11:46

Instrument :

MSVOA_Y

ClientSampleId :

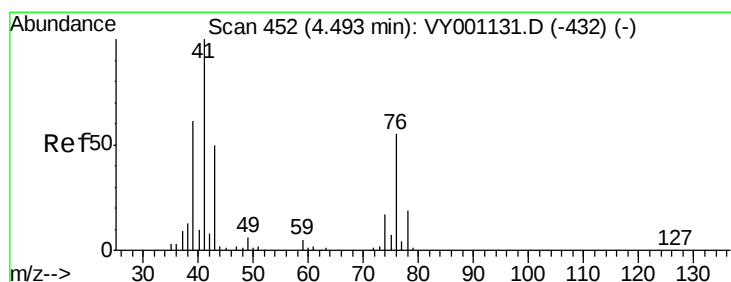
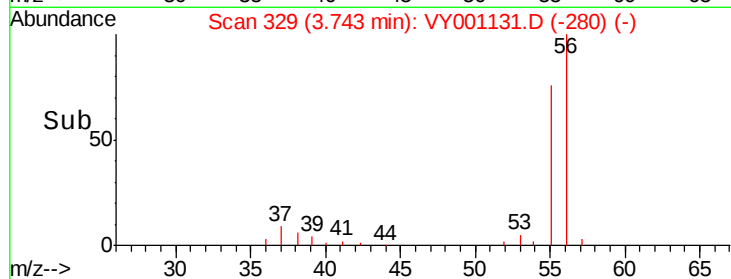
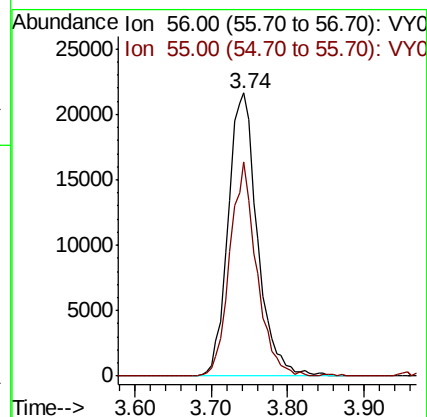
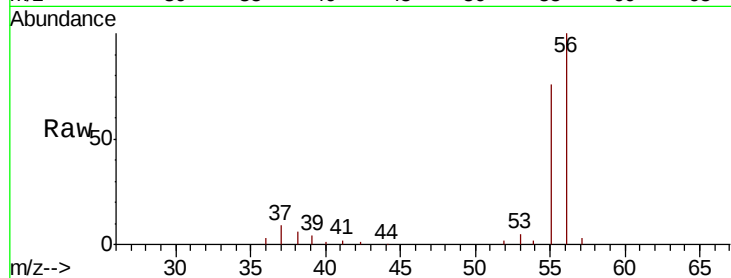
VSTDICCC050

Tot Ion: 56 Resp: 57143

Ion Ratio Lower Upper

56 100

55 69.6 55.7 83.5



#14

Allyl chloride

Concen: 35.788 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.00 min

Lab File: VY001131.D

Acq: 02 Jan 2020 11:46

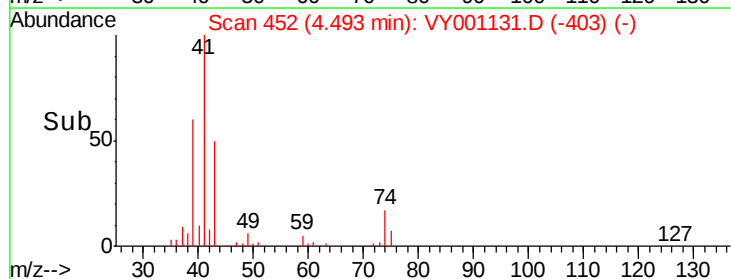
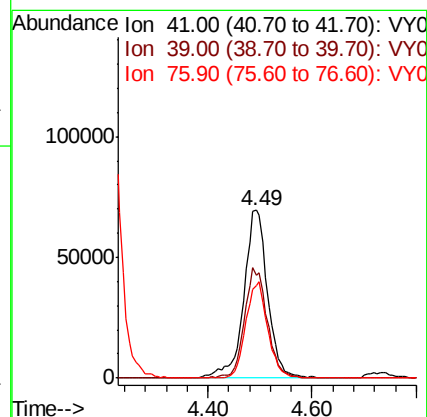
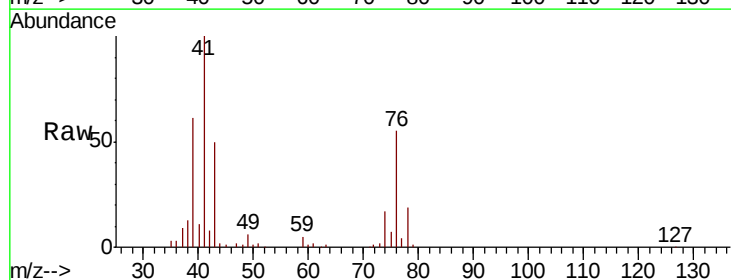
Tgt Ion: 41 Resp: 221155

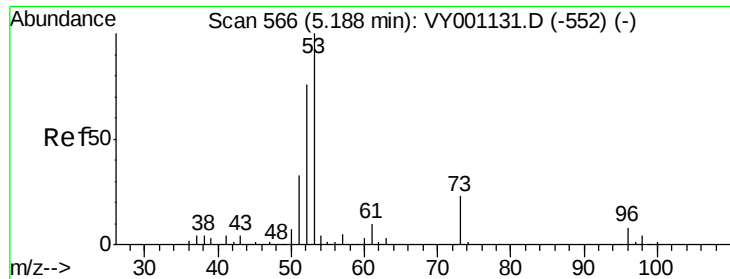
Ion Ratio Lower Upper

41 100

39 62.6 50.1 75.1

76 52.6 42.1 63.1

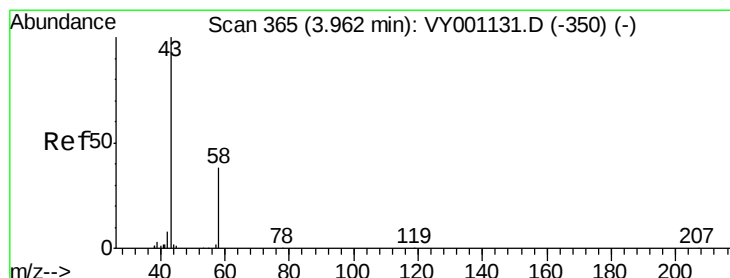
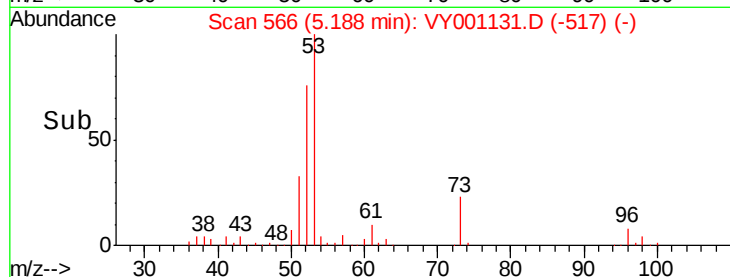
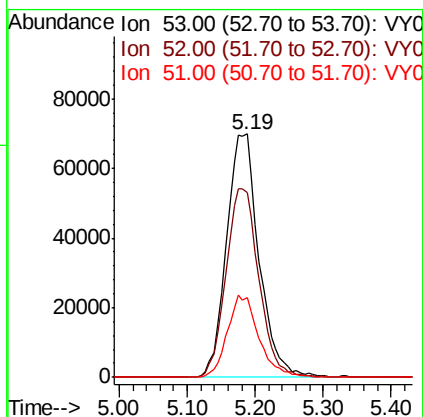
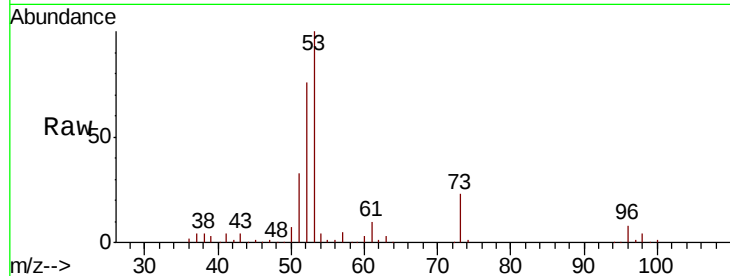




#15
 Acrylonitrile
 Concen: 189.200 ug/l
 RT: 5.19 min Scan# 566
 Delta R.T. 0.00 min
 Lab File: VY001131.D
 Acq: 02 Jan 2020 11:46

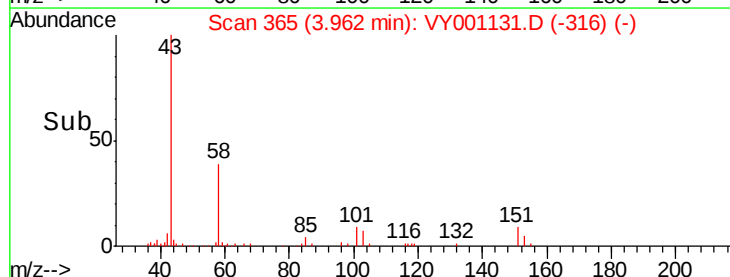
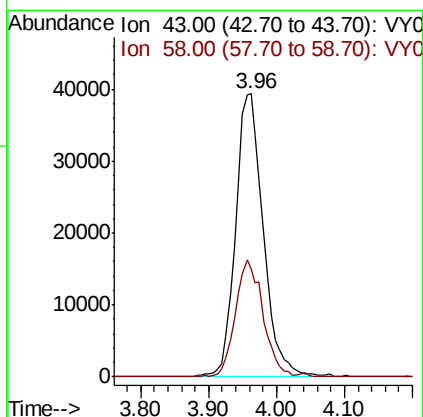
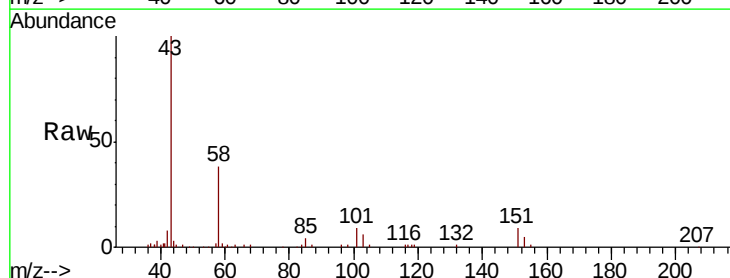
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

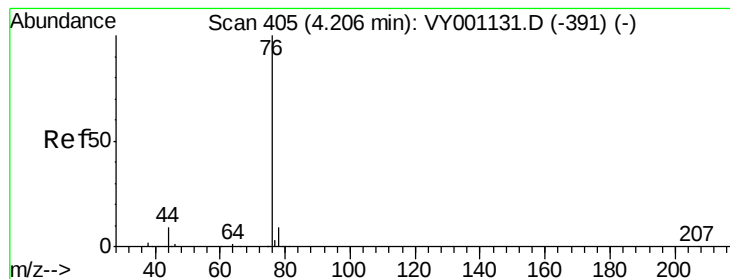
Tot Ion: 53 Resp: 231913
 Ion Ratio Lower Upper
 53 100
 52 78.7 63.0 94.4
 51 32.6 26.1 39.1



#16
 Acetone
 Concen: 140.441 ug/l
 RT: 3.96 min Scan# 365
 Delta R.T. 0.00 min
 Lab File: VY001131.D
 Acq: 02 Jan 2020 11:46

Tgt Ion: 43 Resp: 111090
 Ion Ratio Lower Upper
 43 100
 58 38.3 30.6 46.0





#17

Carbon Disulfide

Concen: 41.864 ug/l

RT: 4.21 min Scan# 405

Delta R.T. 0.00 min

Lab File: VY001131.D

Acq: 02 Jan 2020 11:46

Instrument :

MSVOA_Y

ClientSampleId :

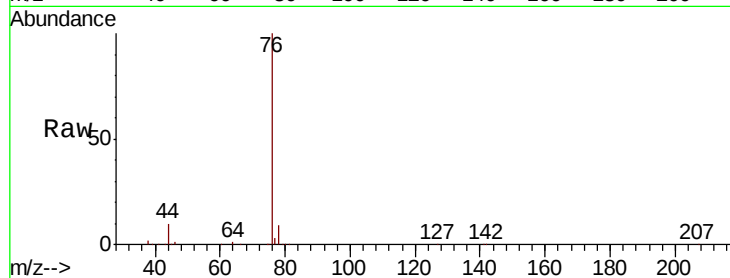
VSTDICCC050

Tot Ion: 76 Resp: 555903

Ion Ratio Lower Upper

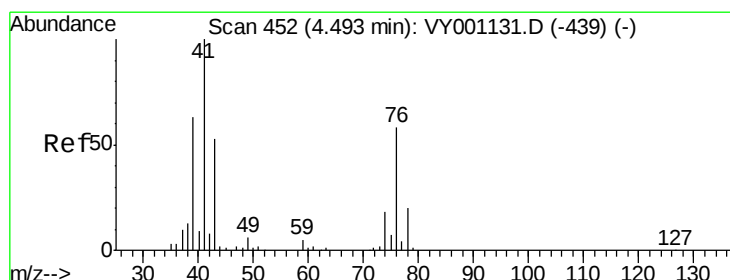
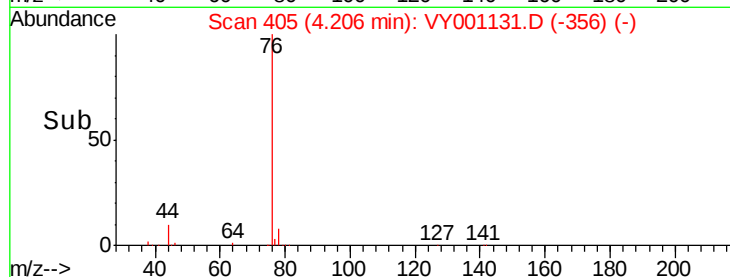
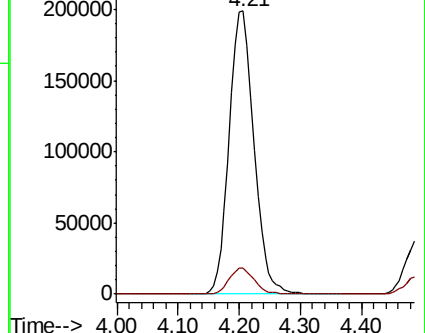
76 100

78 9.2 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VY001131.D (-391) (-)

Ion 77.90 (77.60 to 78.60): VY001131.D (-391) (-)



#18

Methyl Acetate

Concen: 32.420 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.00 min

Lab File: VY001131.D

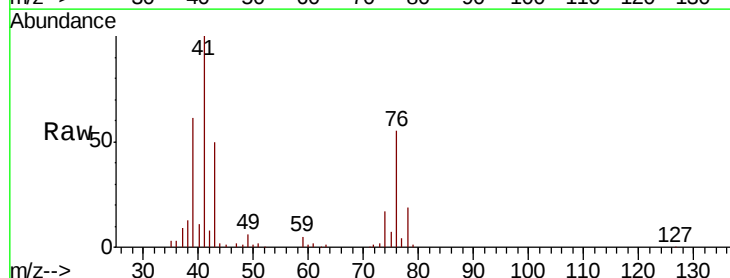
Acq: 02 Jan 2020 11:46

Tgt Ion: 43 Resp: 99695

Ion Ratio Lower Upper

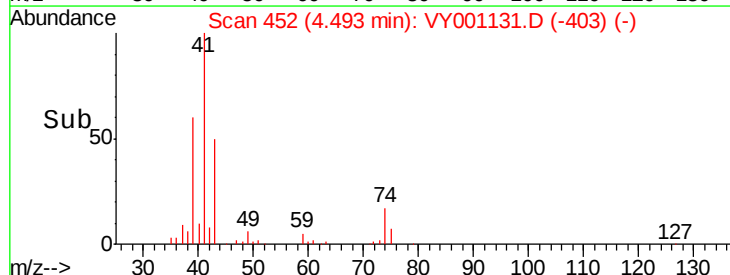
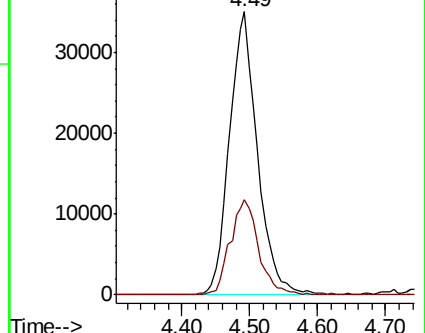
43 100

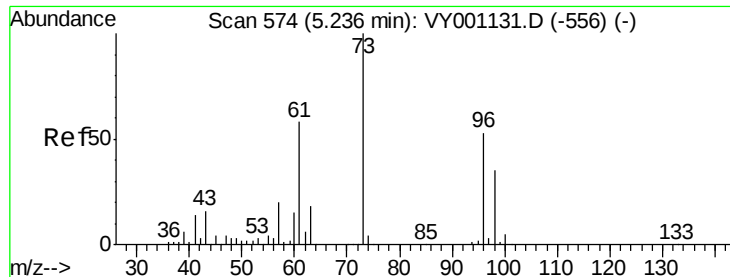
74 34.1 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VY001131.D (-439) (-)

Ion 74.00 (73.70 to 74.70): VY001131.D (-439) (-)

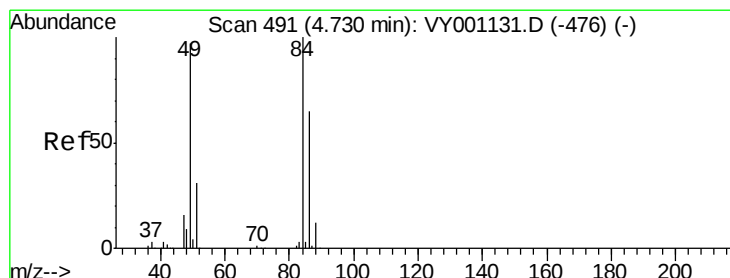
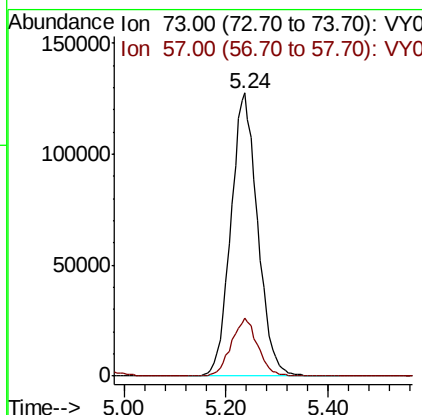
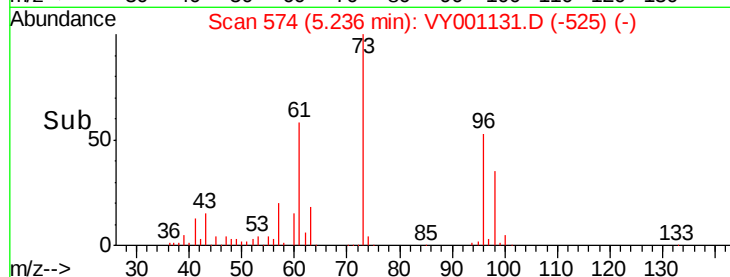
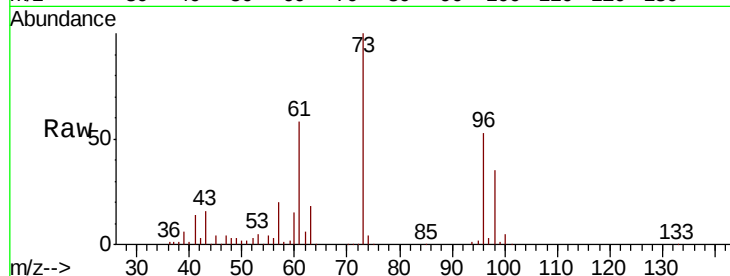




#19
Methyl tert-butyl Ether
Concen: 43.897 ug/l
RT: 5.24 min Scan# 574
Delta R.T. 0.00 min
Lab File: VY001131.D
Acq: 02 Jan 2020 11:46

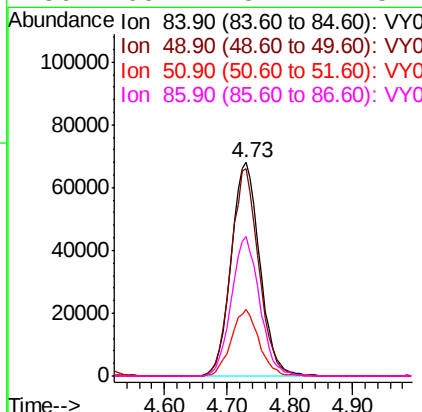
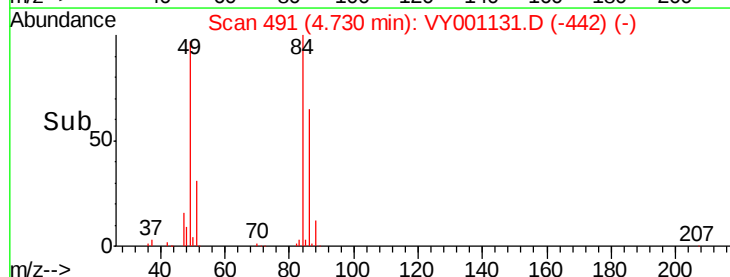
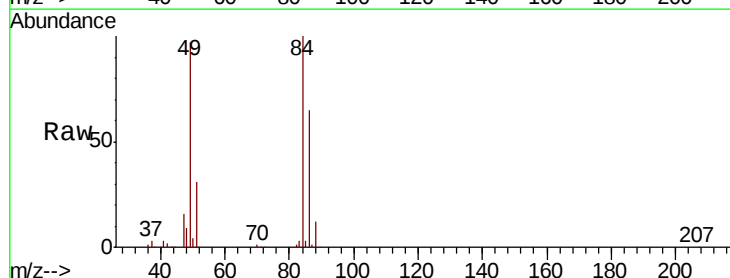
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

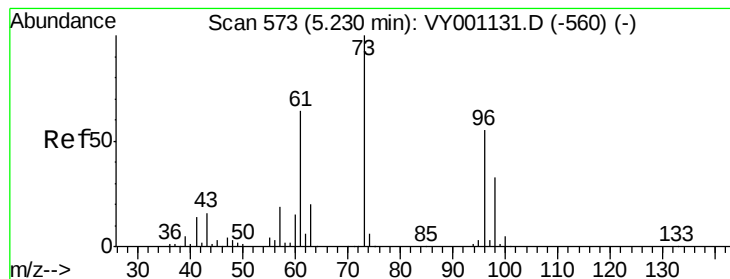
Tot Ion: 73 Resp: 463639
Ion Ratio Lower Upper
73 100
57 20.4 16.3 24.5



#20
Methylene Chloride
Concen: 43.422 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.00 min
Lab File: VY001131.D
Acq: 02 Jan 2020 11:46

Tgt Ion: 84 Resp: 214021
Ion Ratio Lower Upper
84 100
49 96.9 77.5 116.3
51 30.9 24.7 37.1
86 65.2 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 47.027 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.00 min

Lab File: VY001131.D

Acq: 02 Jan 2020 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

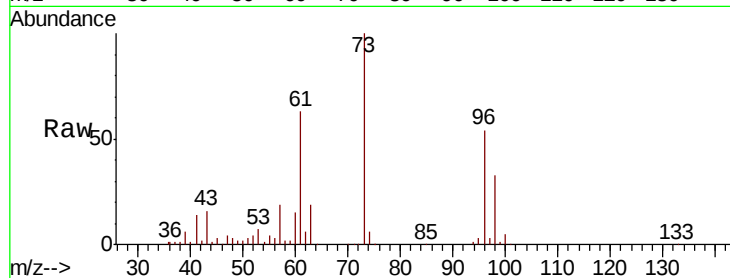
Tot Ion: 96 Resp: 216180

Ion Ratio Lower Upper

96 100

61 116.5 93.2 139.8

98 61.0 48.8 73.2

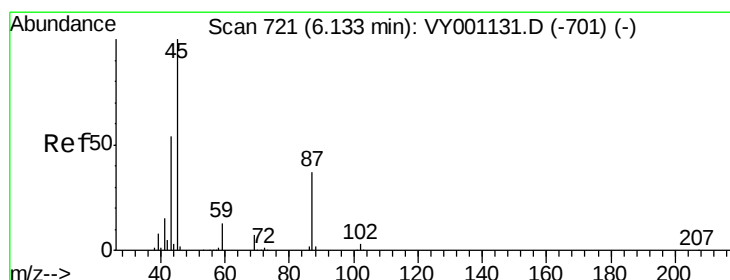
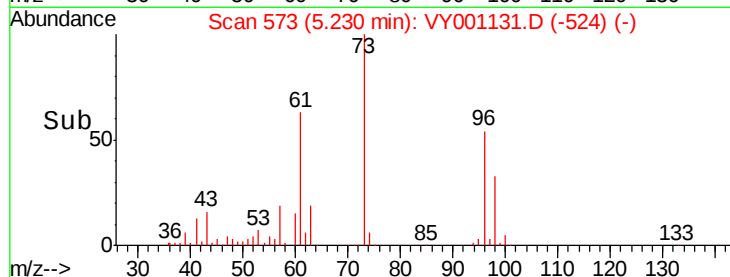
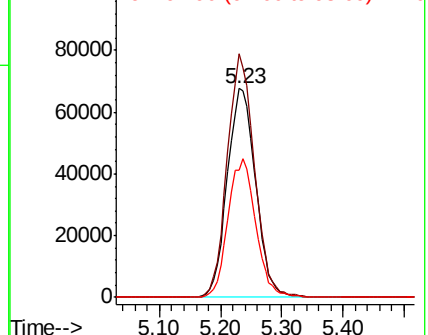


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 35.065 ug/l

RT: 6.13 min Scan# 721

Delta R.T. 0.00 min

Lab File: VY001131.D

Acq: 02 Jan 2020 11:46

Tgt Ion: 45 Resp: 436172

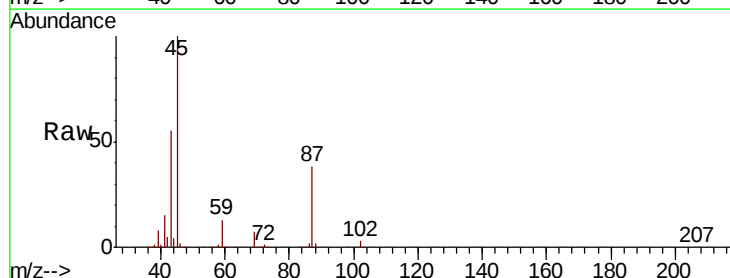
Ion Ratio Lower Upper

45 100

43 54.6 43.7 65.5

87 37.5 30.0 45.0

59 13.1 10.5 15.7



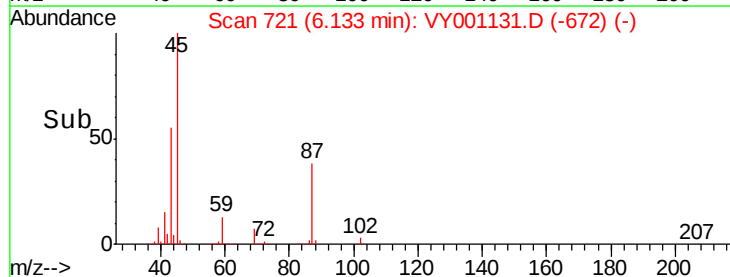
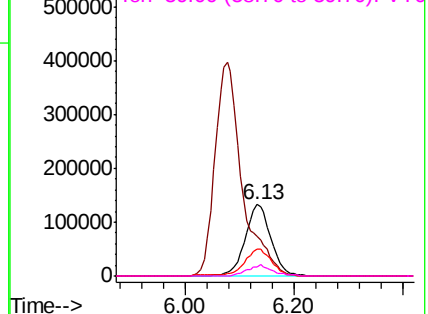
Abundance

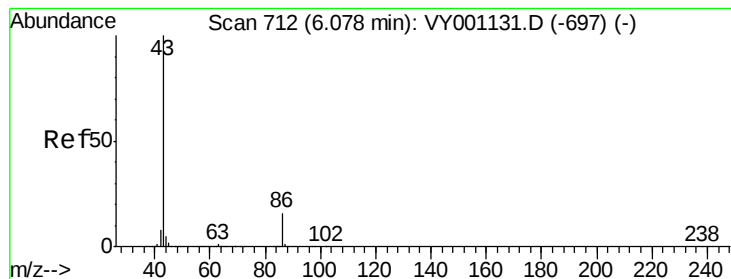
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 174.600 ug/l

RT: 6.08 min Scan# 712

Delta R.T. 0.00 min

Lab File: VY001131.D

Acq: 02 Jan 2020 11:46

Instrument :

MSVOA_Y

ClientSampleId :

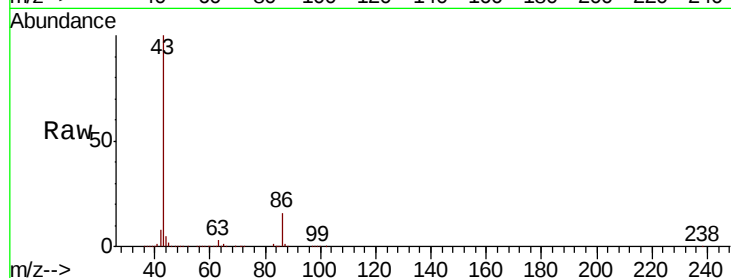
VSTDICCC050

Tot Ion: 43 Resp: 1367523

Ion Ratio Lower Upper

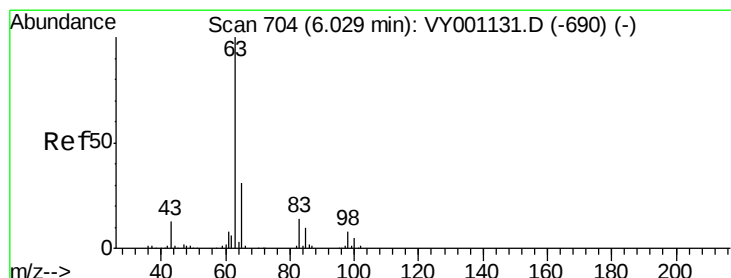
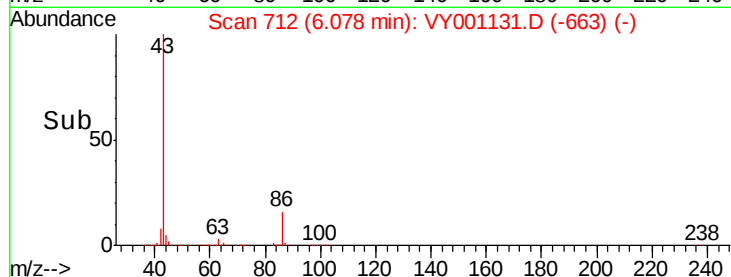
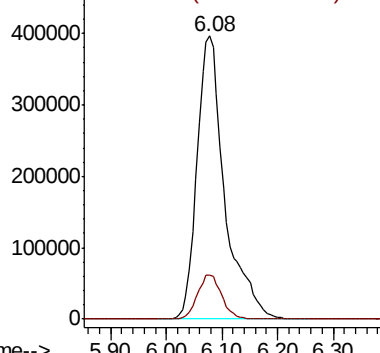
43 100

86 15.7 12.6 18.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 40.049 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY001131.D

Acq: 02 Jan 2020 11:46

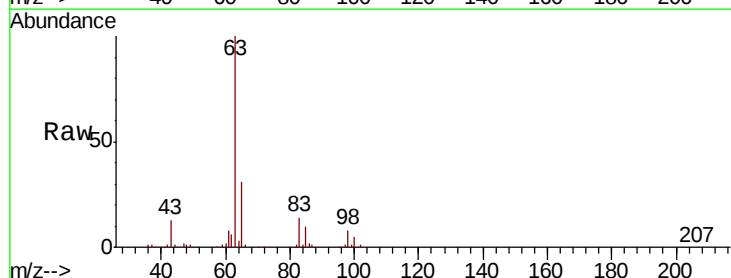
Tgt Ion: 63 Resp: 300331

Ion Ratio Lower Upper

63 100

98 8.2 4.1 12.3

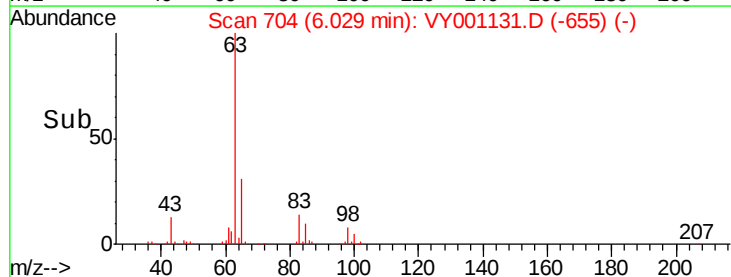
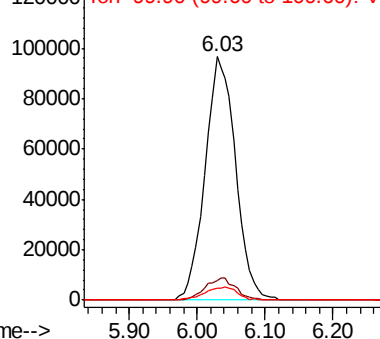
100 5.1 2.5 7.6

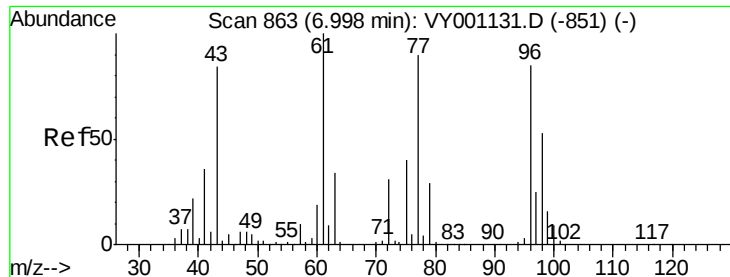


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

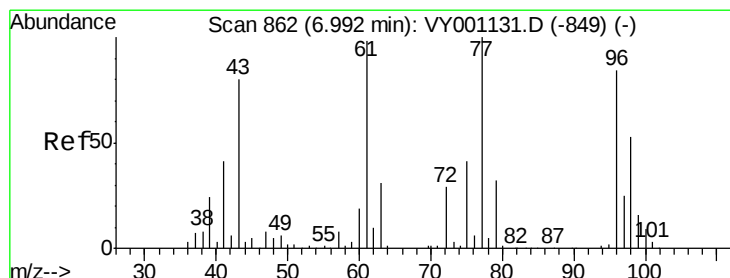
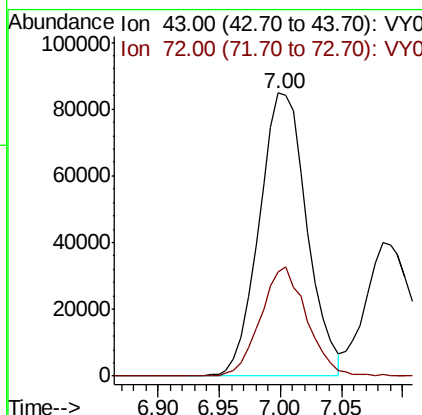
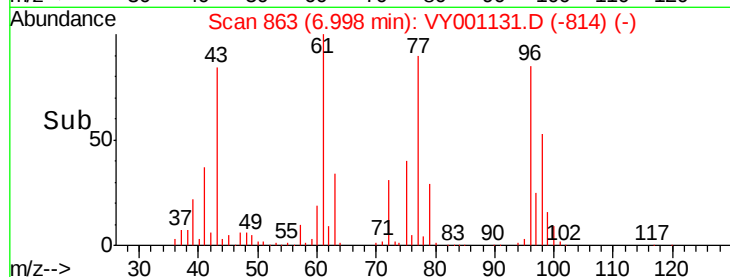
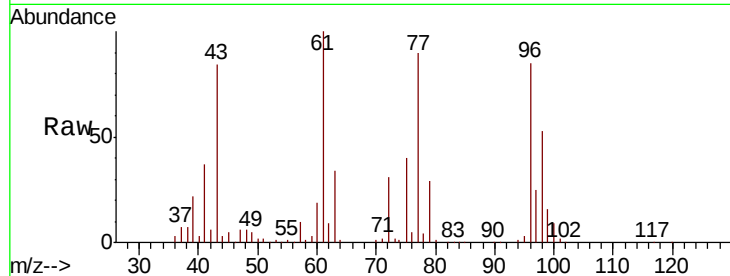




#25
2-Butanone
Concen: 164.436 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY001131.D
Acq: 02 Jan 2020 11:46

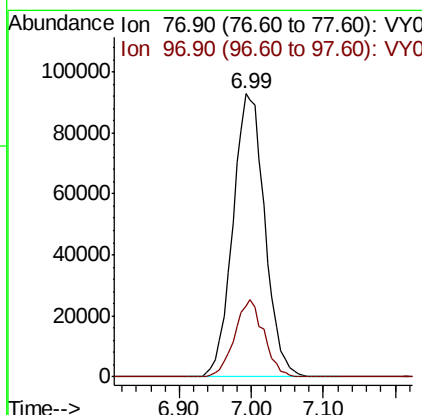
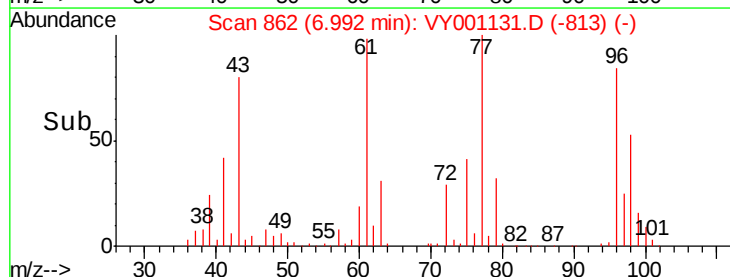
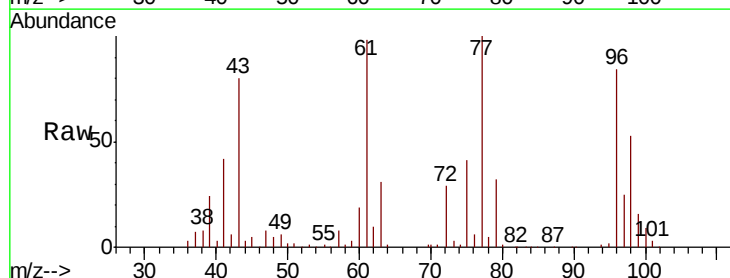
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

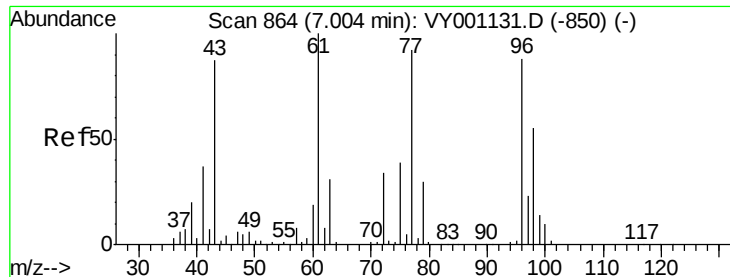
Tot Ion: 43 Resp: 230323
Ion Ratio Lower Upper
43 100
72 36.9 29.5 44.3



#26
2,2-Dichloropropane
Concen: 45.280 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY001131.D
Acq: 02 Jan 2020 11:46

Tgt Ion: 77 Resp: 285235
Ion Ratio Lower Upper
77 100
97 25.1 12.6 37.6



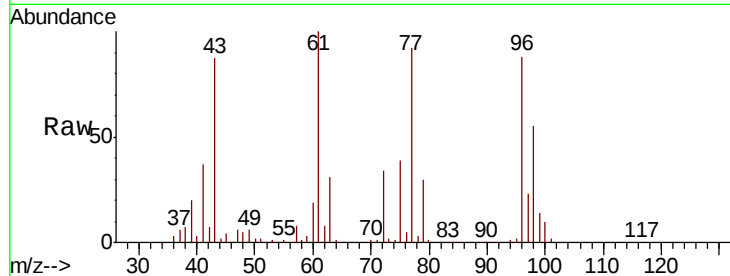


#27

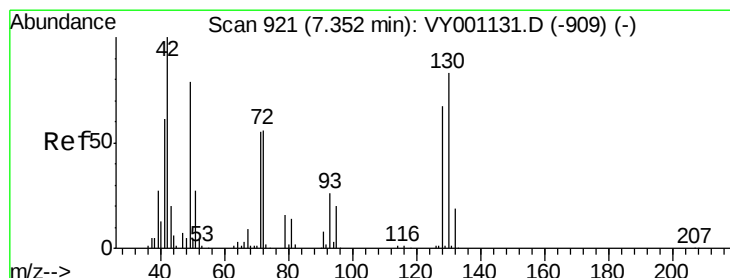
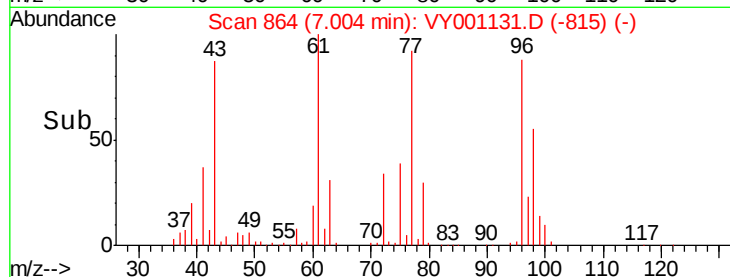
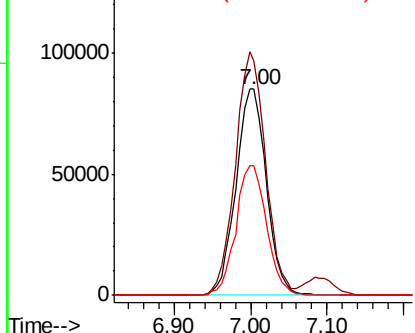
cis-1,2-Dichloroethene
Concen: 46.533 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.00 min
Lab File: VY001131.D
Acq: 02 Jan 2020 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion: 96 Resp: 234488
Ion Ratio Lower Upper
96 100
61 117.5 0.0 235.0
98 63.7 0.0 127.4



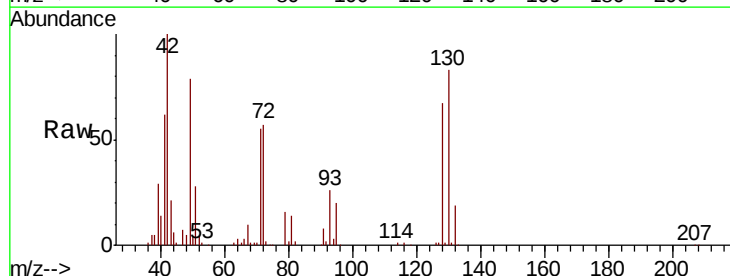
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



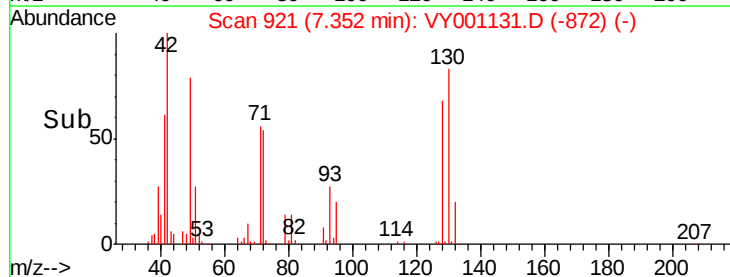
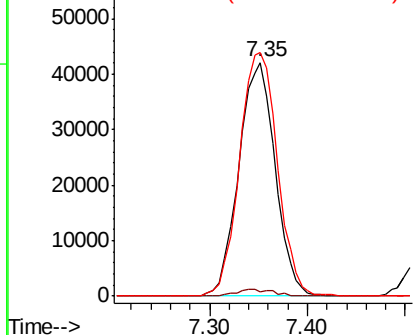
#28

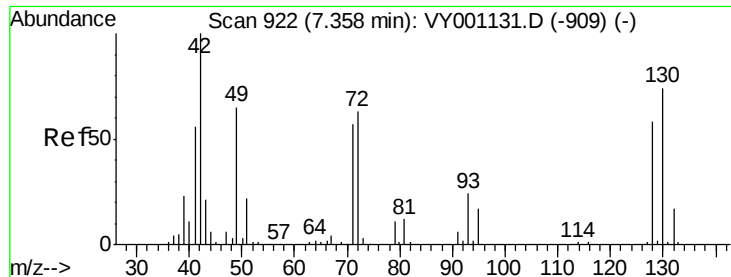
Bromochloromethane
Concen: 37.968 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY001131.D
Acq: 02 Jan 2020 11:46

Tgt Ion: 49 Resp: 108387
Ion Ratio Lower Upper
49 100
129 3.0 0.0 6.0
130 108.6 86.9 130.3



Abundance Ion 48.90 (48.60 to 49.60): VY0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 155.697 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.00 min

Lab File: VY001131.D

Acq: 02 Jan 2020 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

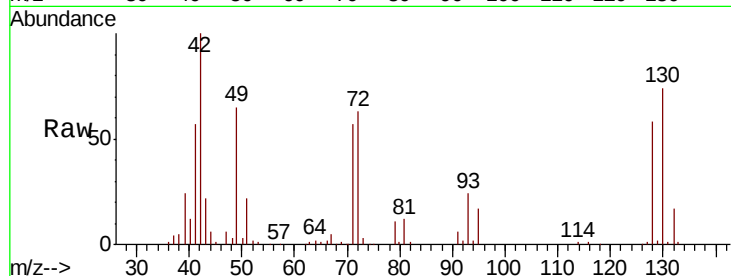
Tot Ion: 42 Resp: 154306

Ion Ratio Lower Upper

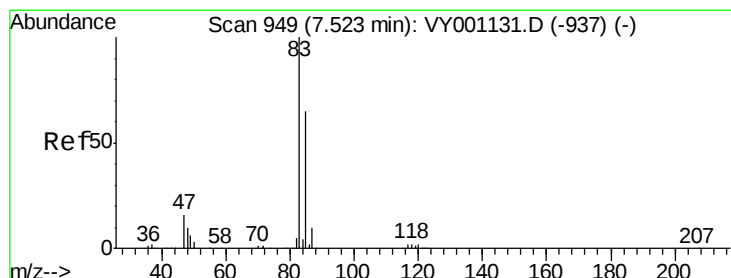
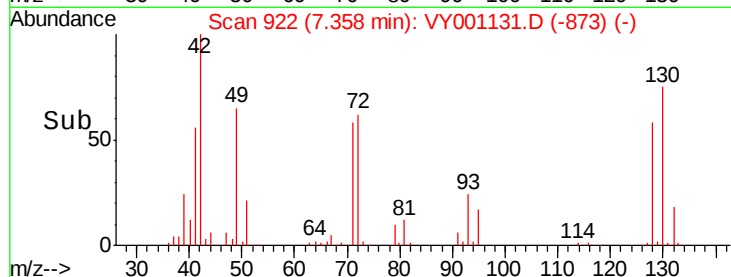
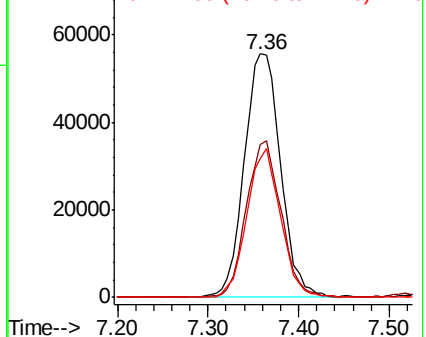
42 100

72 61.3 49.0 73.6

71 56.6 45.3 67.9



Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 43.955 ug/l

RT: 7.52 min Scan# 949

Delta R.T. 0.00 min

Lab File: VY001131.D

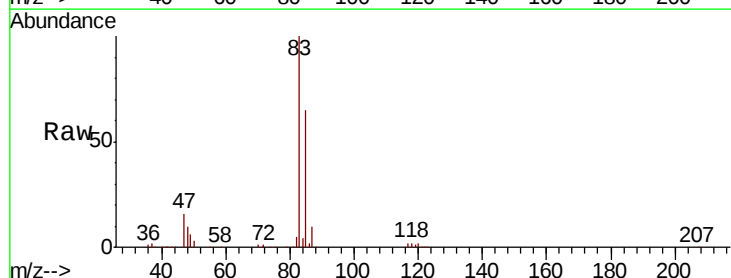
Acq: 02 Jan 2020 11:46

Tgt Ion: 83 Resp: 316576

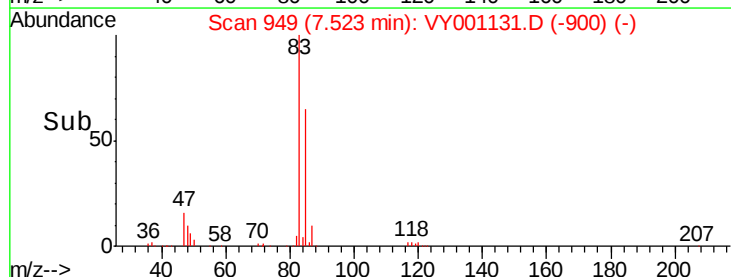
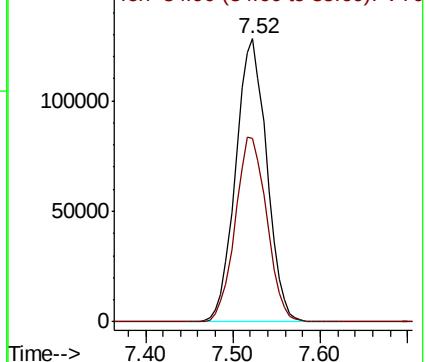
Ion Ratio Lower Upper

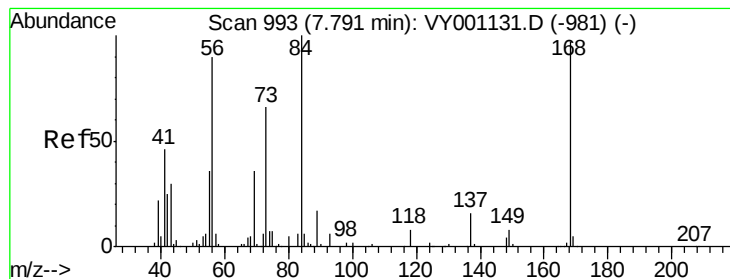
83 100

85 65.0 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 37.270 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY001131.D

Acq: 02 Jan 2020 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

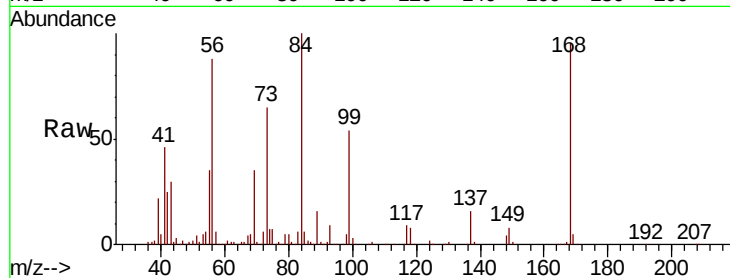
Tot Ion: 56 Resp: 293610

Ion Ratio Lower Upper

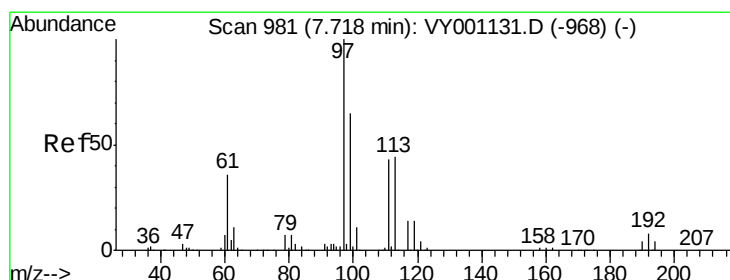
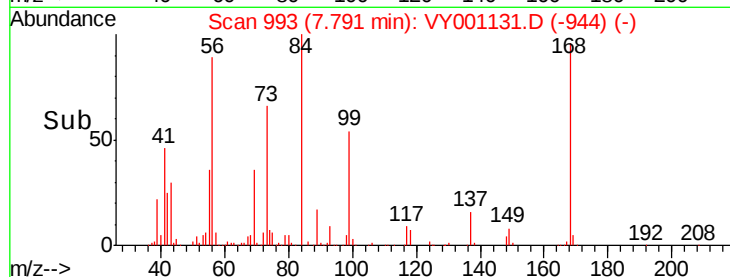
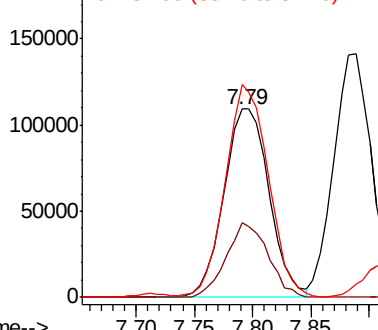
56 100

69 40.0 32.0 48.0

84 111.4 89.1 133.7



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 48.317 ug/l

RT: 7.72 min Scan# 981

Delta R.T. 0.00 min

Lab File: VY001131.D

Acq: 02 Jan 2020 11:46

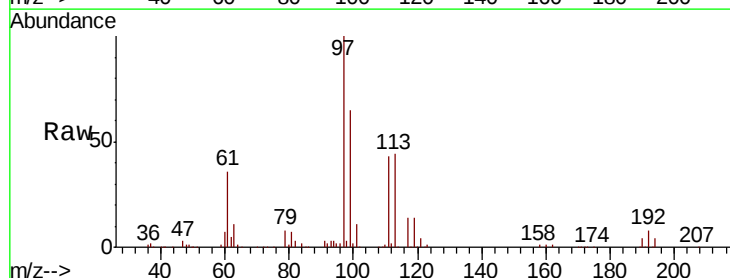
Tgt Ion: 97 Resp: 302388

Ion Ratio Lower Upper

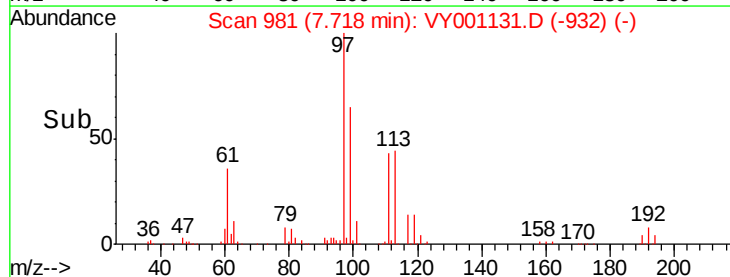
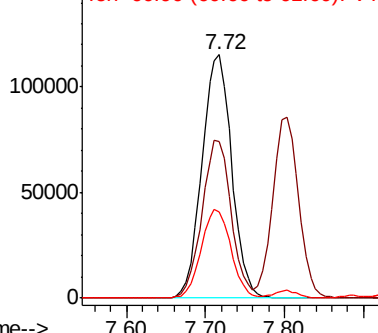
97 100

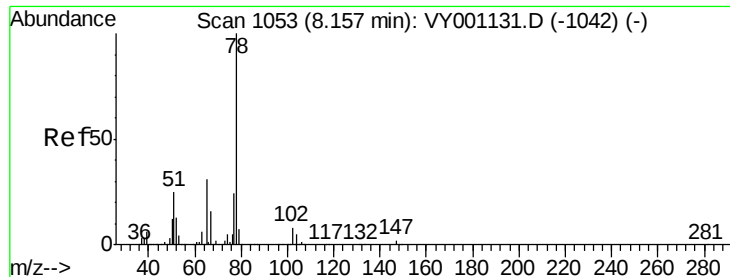
99 63.8 51.0 76.6

61 36.5 29.2 43.8



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0

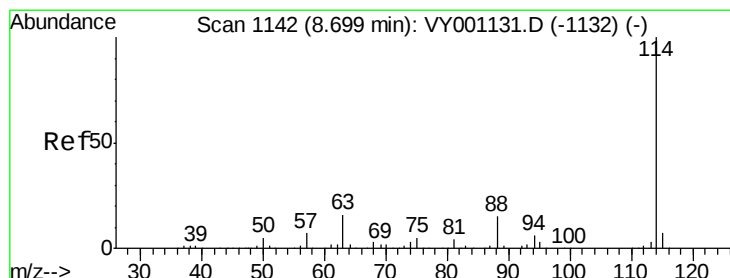
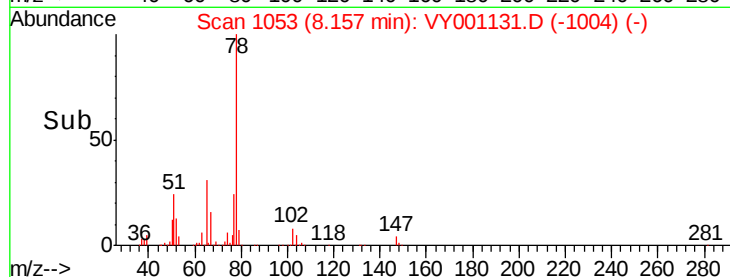
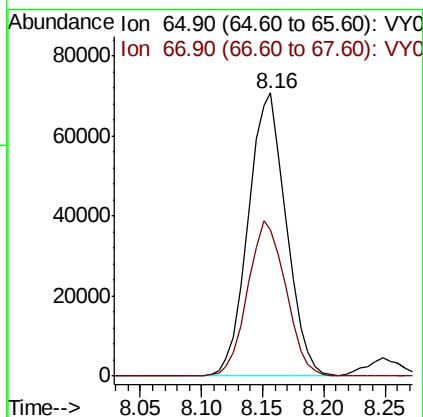
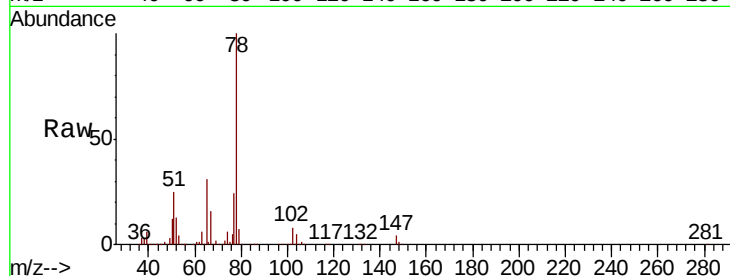




#33
 1,2-Dichloroethane-d4
 Concen: 42.899 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VY001131.D
 Acq: 02 Jan 2020 11:46

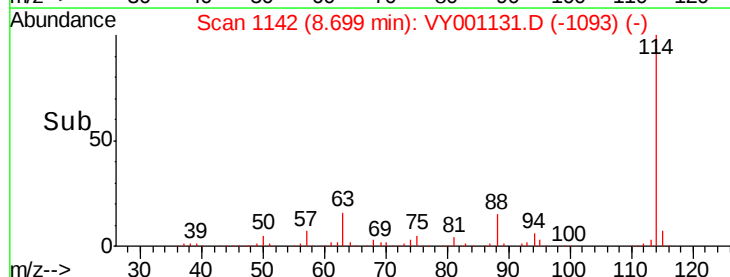
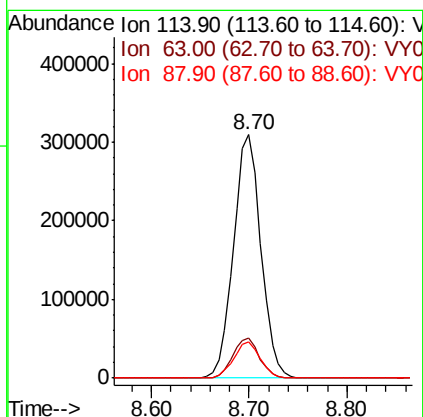
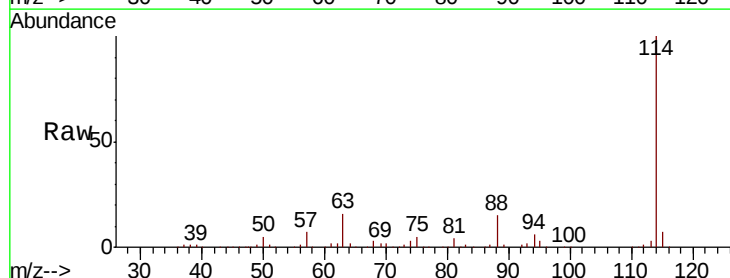
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

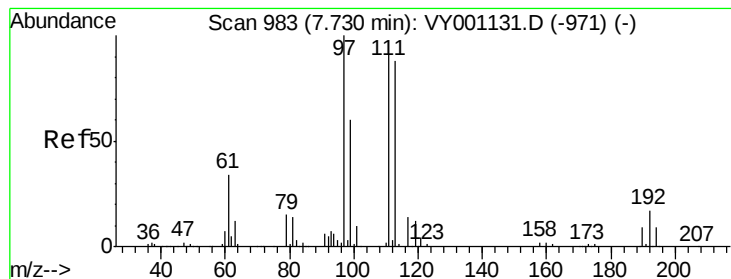
Tot Ion: 65 Resp: 152952
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY001131.D
 Acq: 02 Jan 2020 11:46

Tgt Ion: 114 Resp: 599295
 Ion Ratio Lower Upper
 114 100
 63 16.5 0.0 33.0
 88 15.0 0.0 30.0





#35

Dibromofluoromethane

Concen: 47.972 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY001131.D

Acq: 02 Jan 2020 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

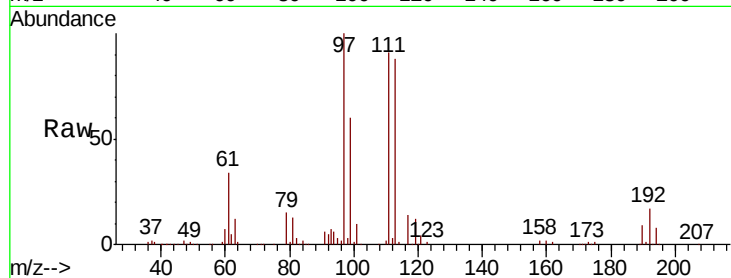
Tot Ion:113 Resp: 169861

Ion Ratio Lower Upper

113 100

111 101.2 81.0 121.4

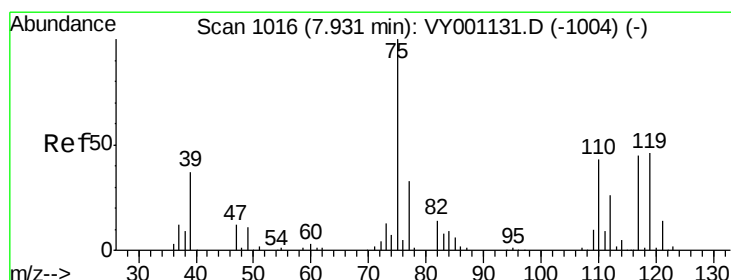
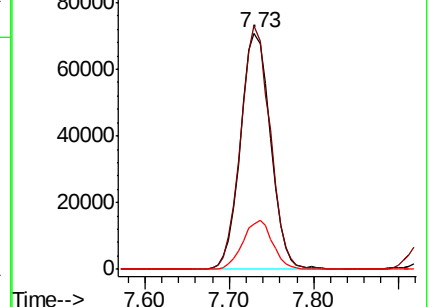
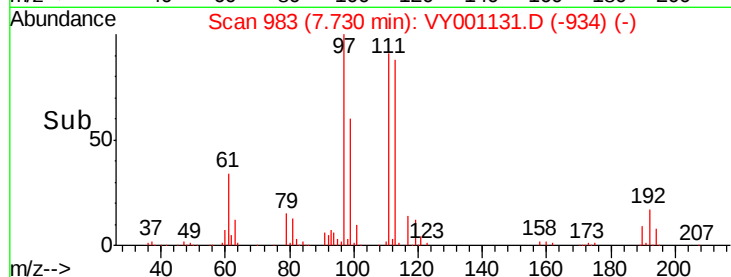
192 20.5 16.4 24.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 46.447 ug/l

RT: 7.93 min Scan# 1016

Delta R.T. 0.00 min

Lab File: VY001131.D

Acq: 02 Jan 2020 11:46

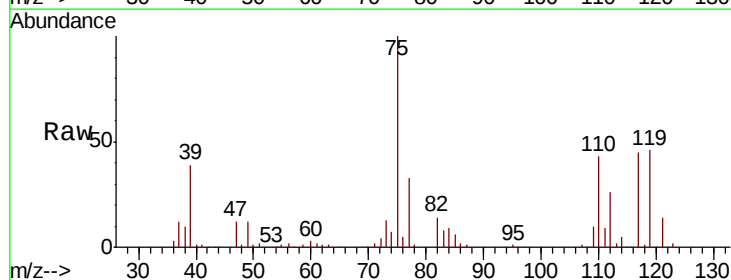
Tgt Ion: 75 Resp: 265543

Ion Ratio Lower Upper

75 100

110 41.2 20.6 61.8

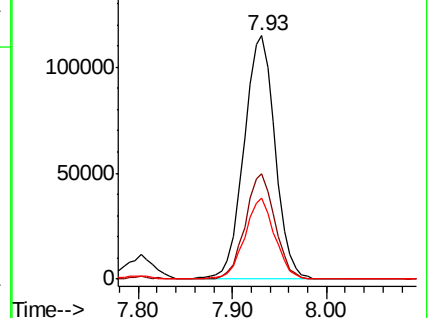
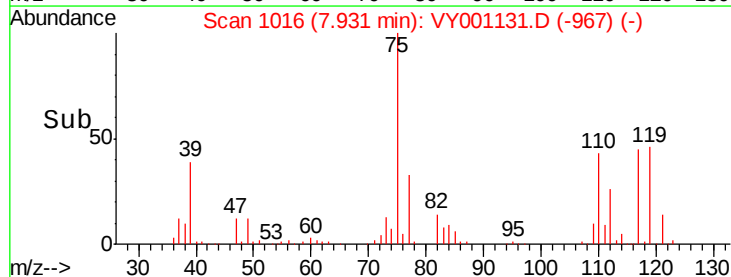
77 32.1 25.7 38.5

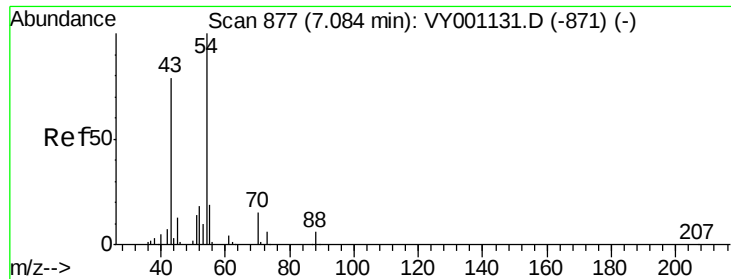


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

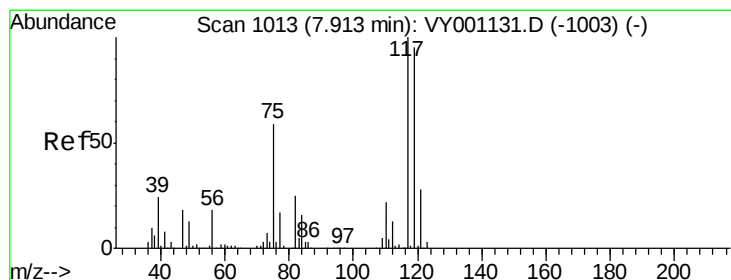
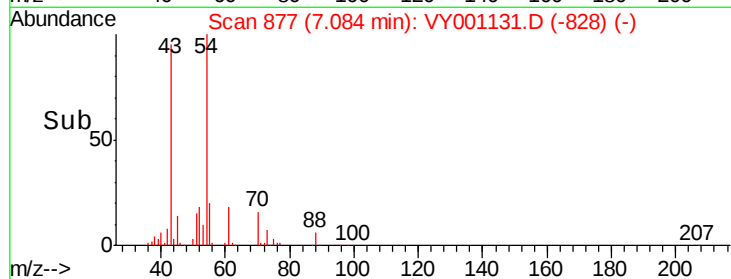
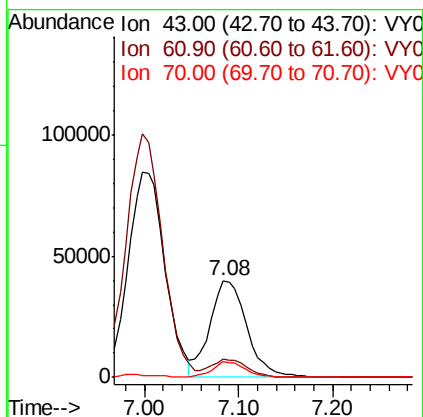
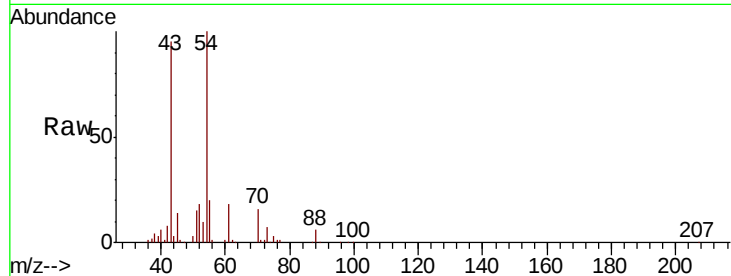




#37
Ethyl Acetate
Concen: 36.004 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY001131.D
Acq: 02 Jan 2020 11:46

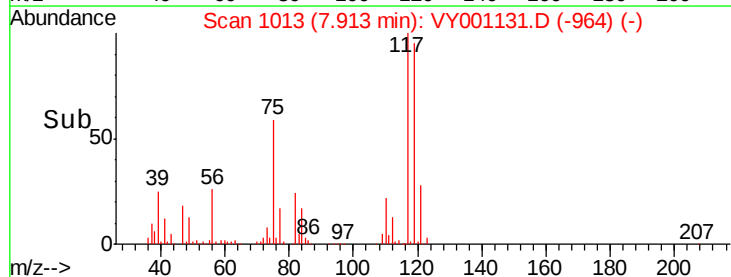
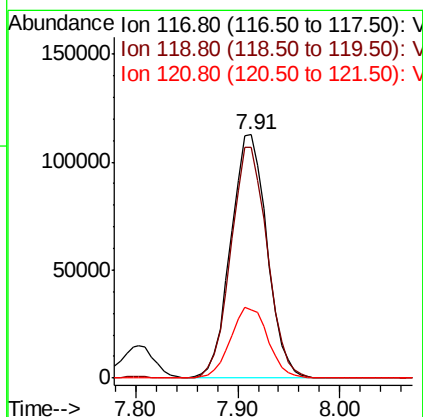
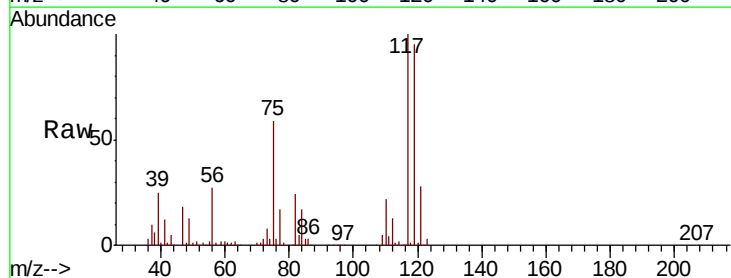
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

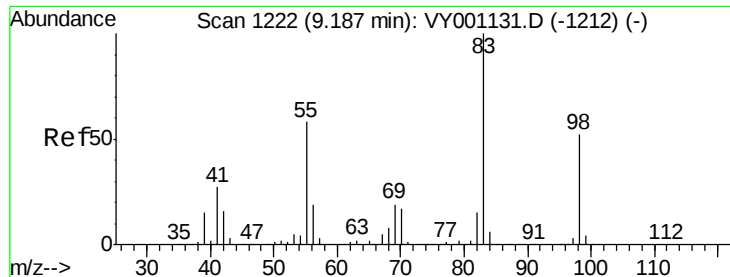
Tot Ion: 43 Resp: 109586
Ion Ratio Lower Upper
43 100
61 18.0 14.4 21.6
70 14.4 11.5 17.3



#38
Carbon Tetrachloride
Concen: 53.945 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VY001131.D
Acq: 02 Jan 2020 11:46

Tgt Ion: 117 Resp: 277914
Ion Ratio Lower Upper
117 100
119 94.7 75.8 113.6
121 28.1 22.5 33.7

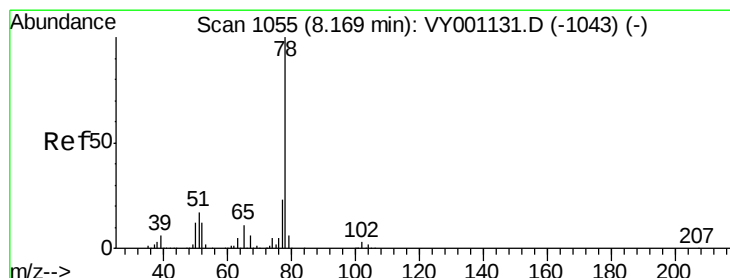
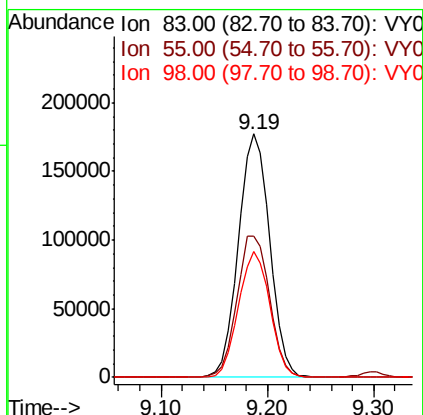
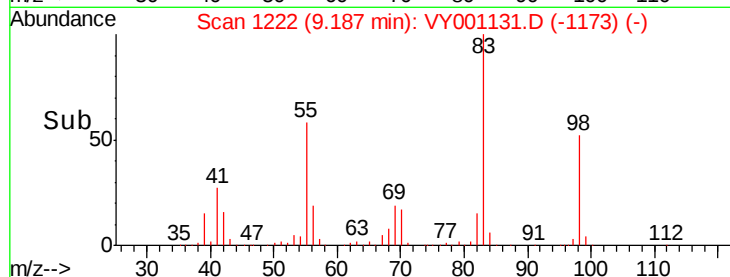
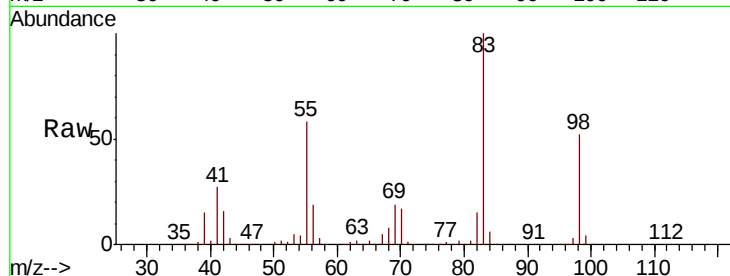




#39
Methvlcvclohexane
Concen: 48.094 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY001131.D
Acq: 02 Jan 2020 11:46

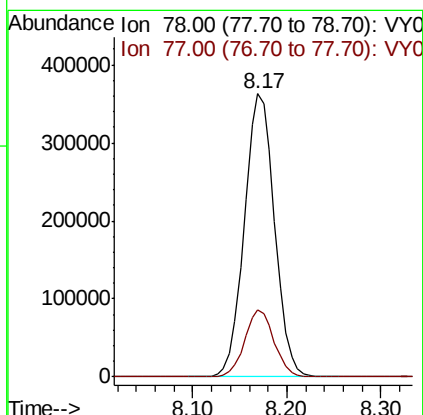
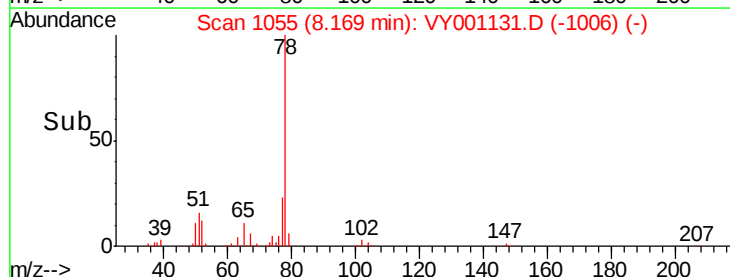
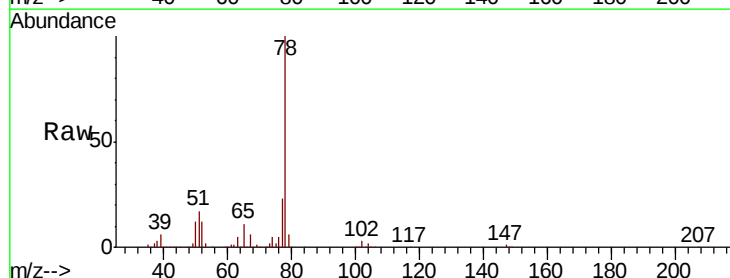
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

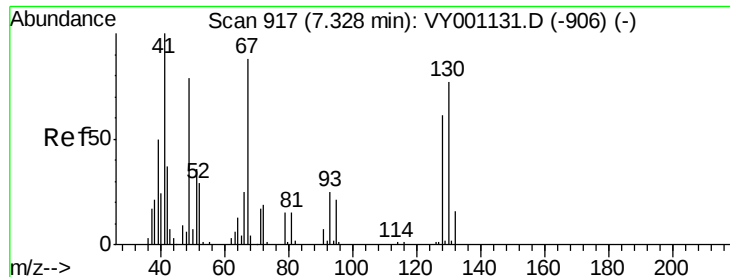
Tot Ion: 83 Resp: 366869
Ion Ratio Lower Upper
83 100
55 58.0 46.4 69.6
98 51.9 41.5 62.3



#40
Benzene
Concen: 47.048 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY001131.D
Acq: 02 Jan 2020 11:46

Tgt Ion: 78 Resp: 812739
Ion Ratio Lower Upper
78 100
77 23.5 18.8 28.2





#41

Methacrylonitrile

Concen: 107.115 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.02 min

Lab File: VY001131.D

Acq: 02 Jan 2020 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 41 Resp: 136520

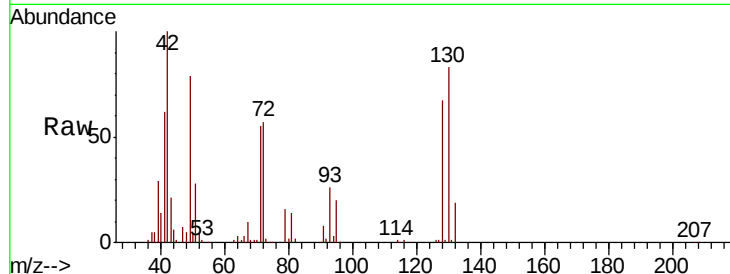
Ion Ratio Lower Upper

41 100

39 46.6 122.9 184.3#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

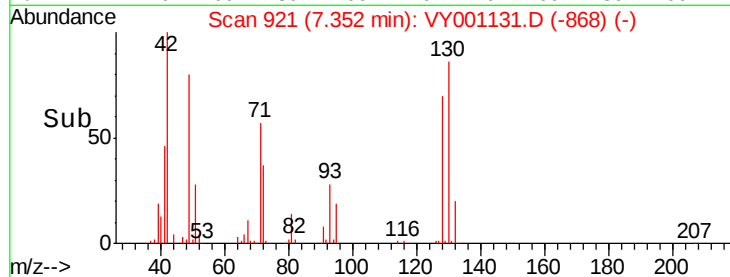
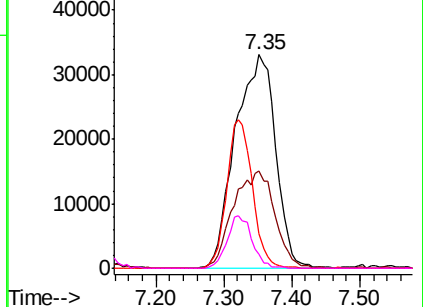


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 46.560 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VY001131.D

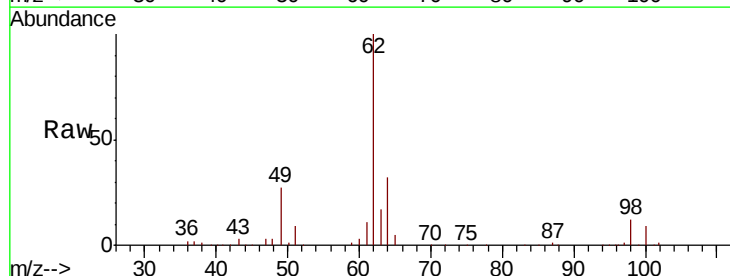
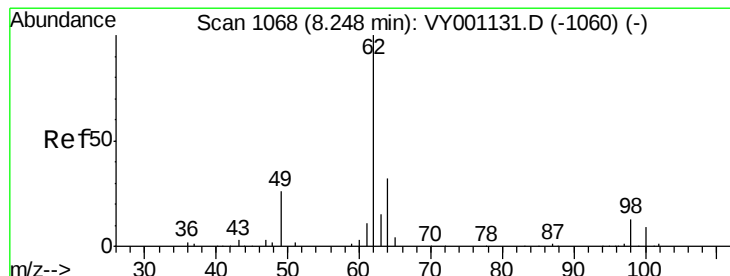
Acq: 02 Jan 2020 11:46

Tgt Ion: 62 Resp: 191060

Ion Ratio Lower Upper

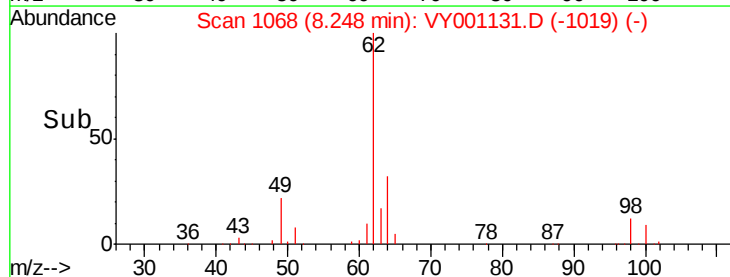
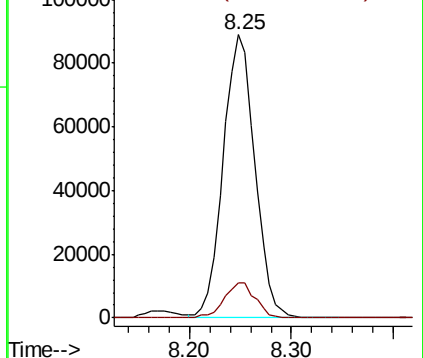
62 100

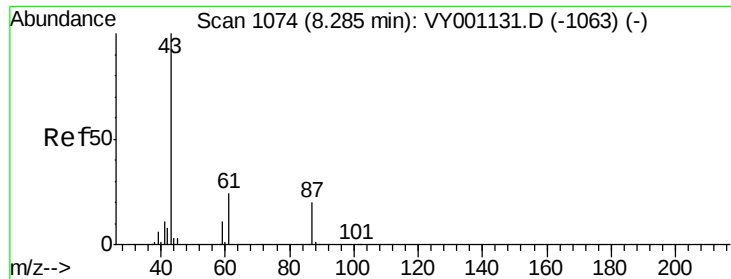
98 12.2 0.0 24.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 36.571 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VY001131.D

Acq: 02 Jan 2020 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

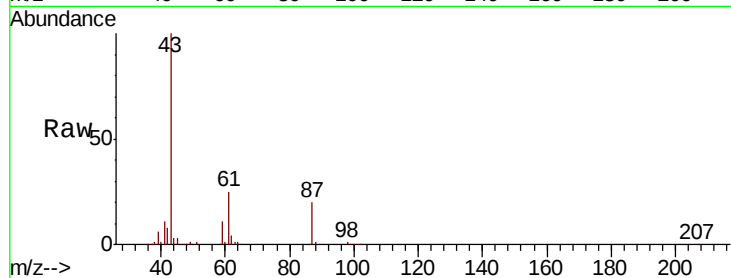
Tot Ion: 43 Resp: 205781

Ion Ratio Lower Upper

43 100

61 36.4 29.1 43.7

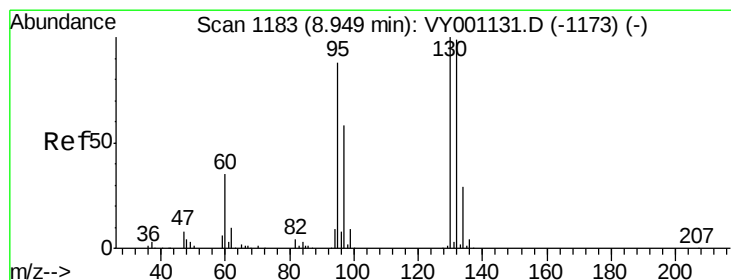
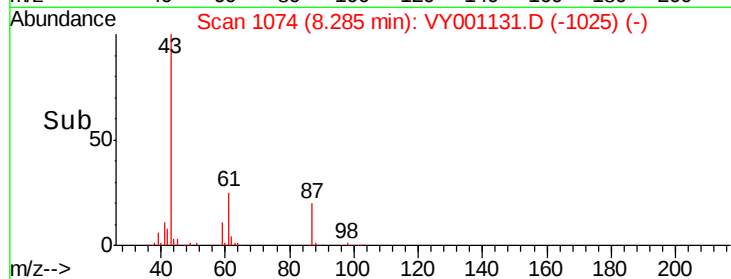
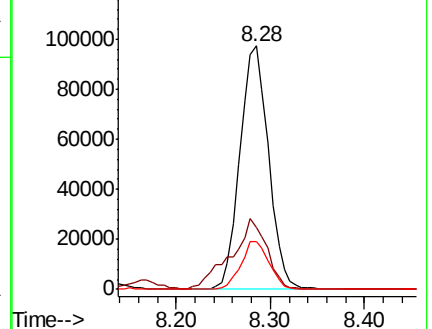
87 19.3 15.4 23.2



Abundance Ion 43.00 (42.70 to 43.70): VY001131.D (-1063) (-)

Ion 61.00 (60.70 to 61.70): VY001131.D (-1063) (-)

Ion 87.00 (86.70 to 87.70): VY001131.D (-1063) (-)



#44

Trichloroethene

Concen: 52.096 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. 0.00 min

Lab File: VY001131.D

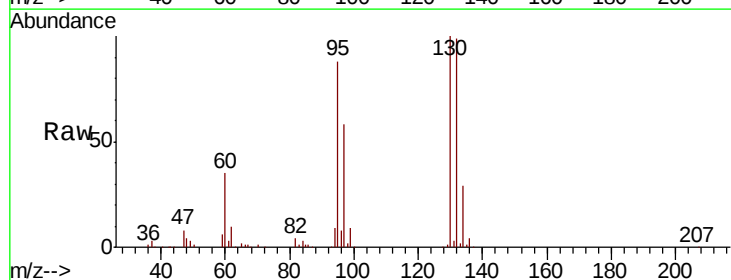
Acq: 02 Jan 2020 11:46

Tgt Ion: 130 Resp: 241949

Ion Ratio Lower Upper

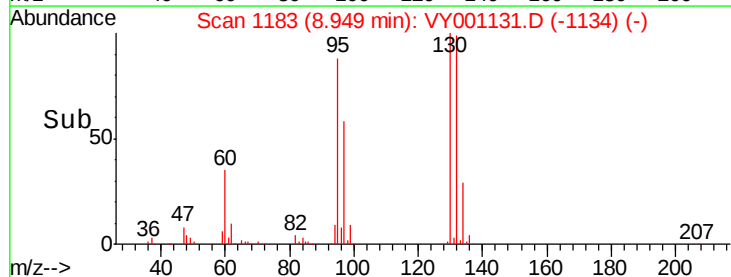
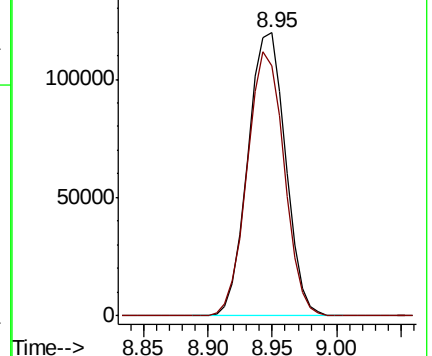
130 100

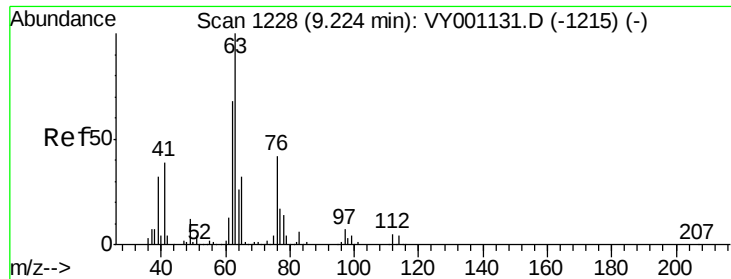
95 88.4 0.0 176.8



Abundance Ion 129.80 (129.50 to 130.50): VY001131.D (-1173) (-)

Ion 94.90 (94.60 to 95.60): VY001131.D (-1173) (-)

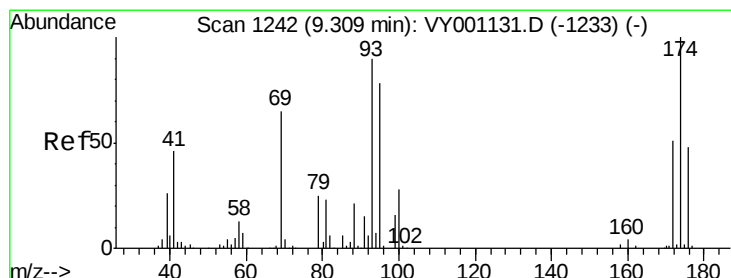
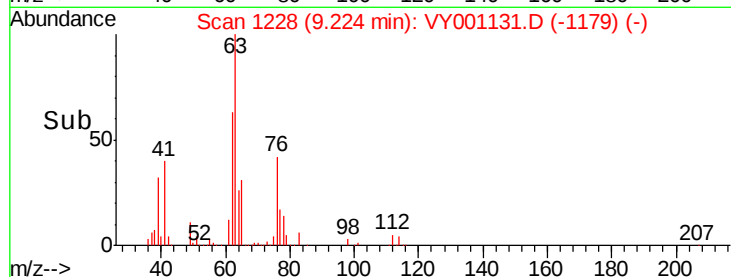
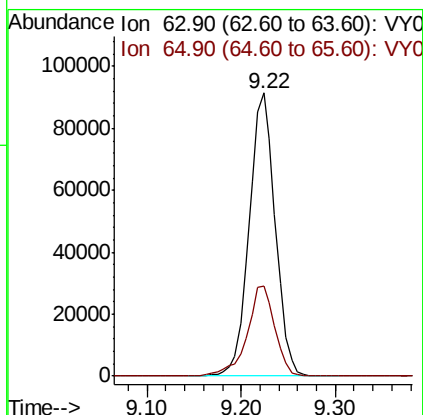
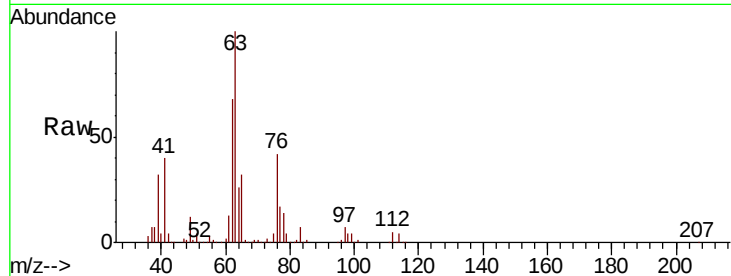




#45
 1,2-Dichloropropane
 Concen: 41.849 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VY001131.D
 Acq: 02 Jan 2020 11:46

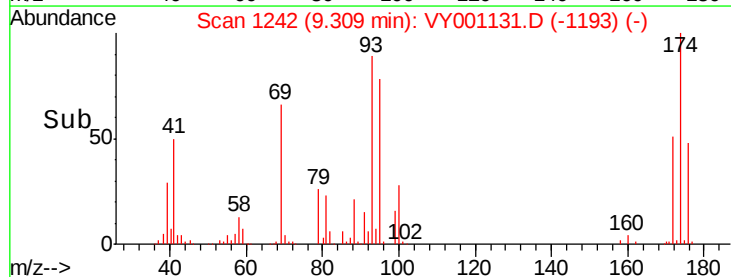
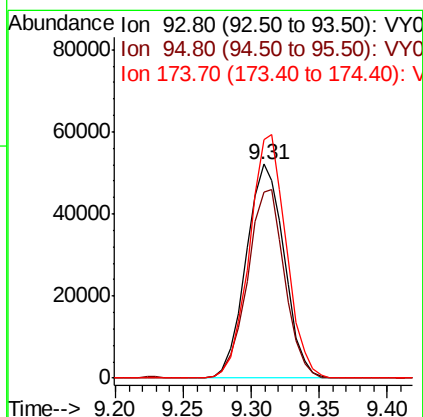
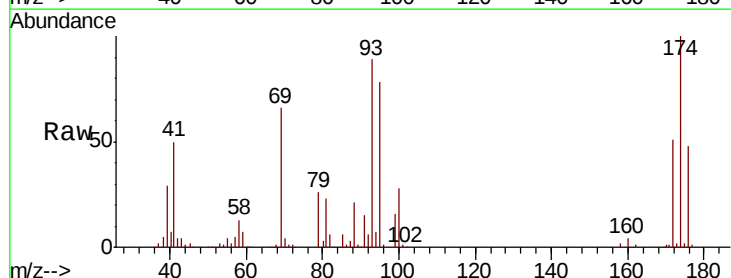
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

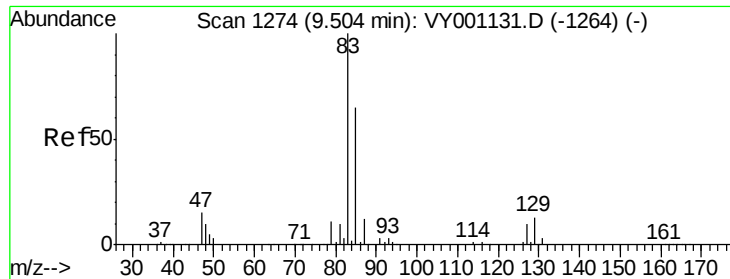
Tot Ion: 63 Resp: 177489
 Ion Ratio Lower Upper
 63 100
 65 32.0 25.6 38.4



#46
 Dibromomethane
 Concen: 46.103 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY001131.D
 Acq: 02 Jan 2020 11:46

Tgt Ion: 93 Resp: 102021
 Ion Ratio Lower Upper
 93 100
 95 85.9 68.7 103.1
 174 110.0 88.0 132.0

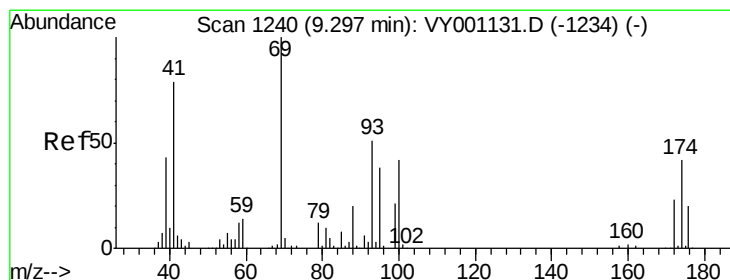
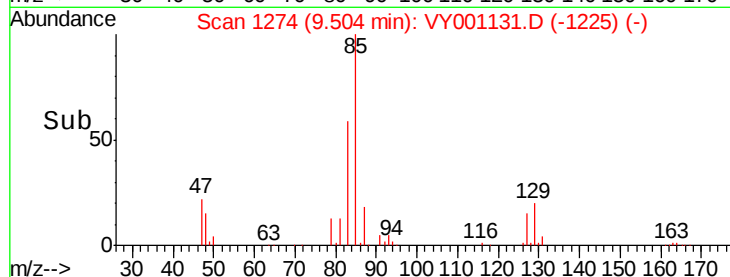
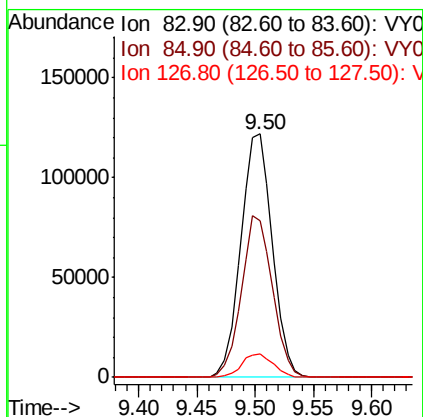
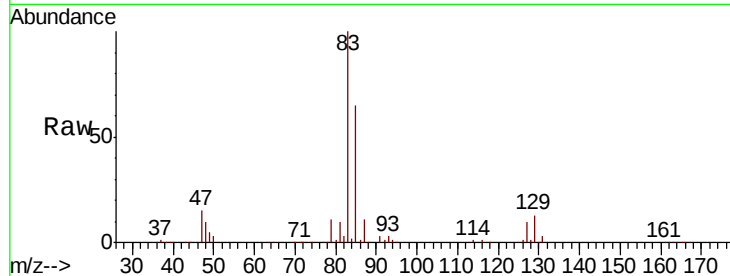




#47
Bromodichloromethane
Concen: 45.118 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. 0.00 min
Lab File: VY001131.D
Acq: 02 Jan 2020 11:46

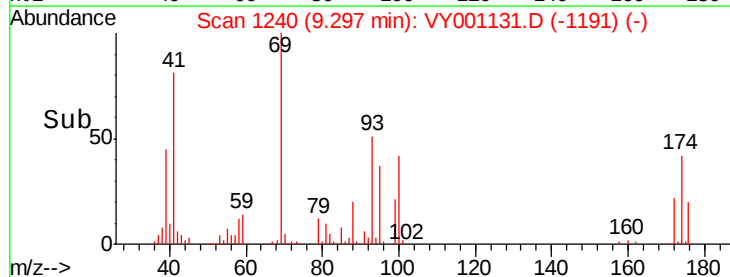
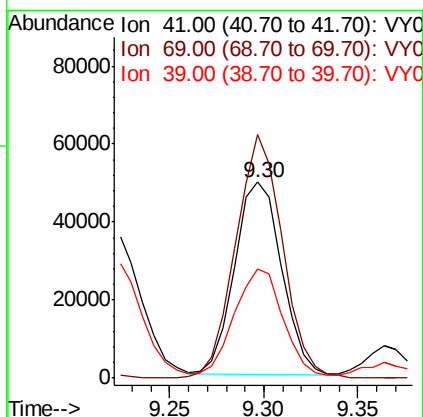
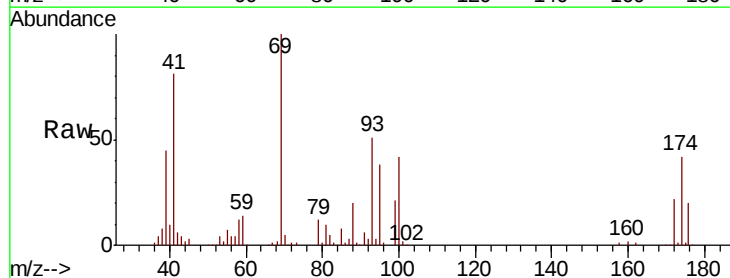
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

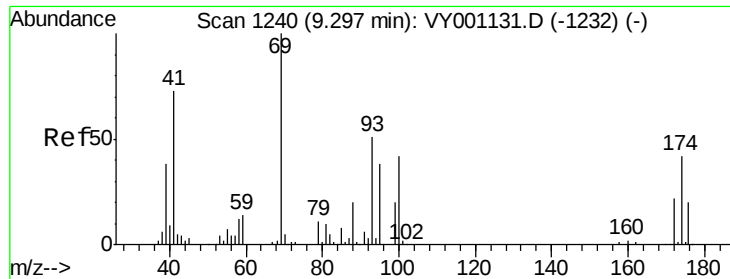
Tot Ion: 83 Resp: 230444
Ion Ratio Lower Upper
83 100
85 64.6 51.7 77.5
127 9.5 7.6 11.4



#48
Methyl methacrylate
Concen: 35.969 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY001131.D
Acq: 02 Jan 2020 11:46

Tgt Ion: 41 Resp: 85759
Ion Ratio Lower Upper
41 100
69 125.4 100.3 150.5
39 59.5 47.6 71.4





#49

1,4-Dioxane

Concen: 908.408 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

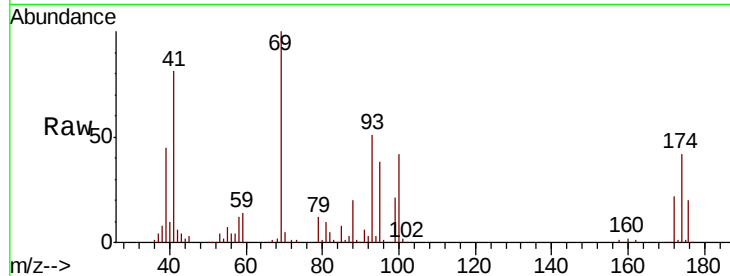
Lab File: VY001131.D

Acq: 02 Jan 2020 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion: 88 Resp: 29355

Ion	Ratio	Lower	Upper
88	100		
43	23.7	19.0	28.4
58	60.3	48.2	72.4



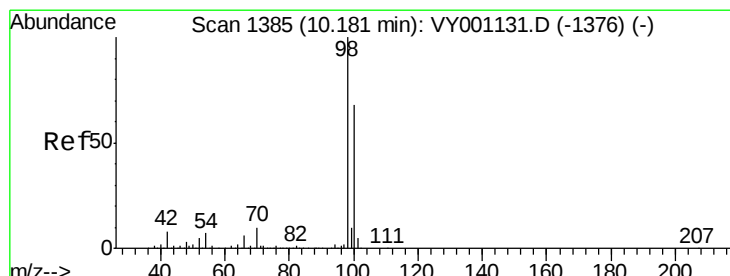
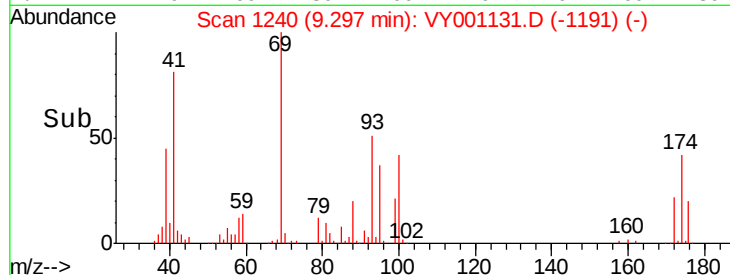
Abundance

Ion 88.00 (87.70 to 88.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

Time-->



#50

Toluene-d8

Concen: 46.152 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY001131.D

Acq: 02 Jan 2020 11:46

Tgt Ion: 98 Resp: 625532

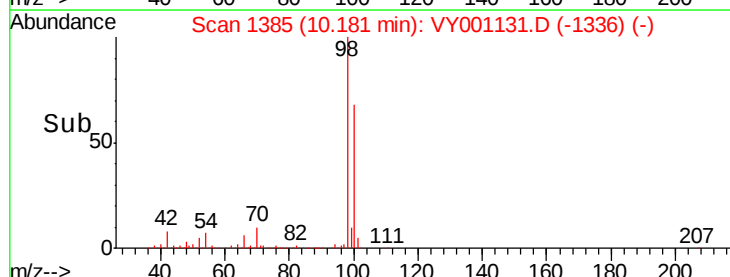
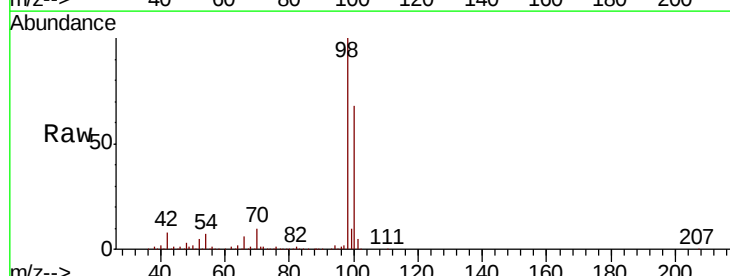
Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.2	79.8

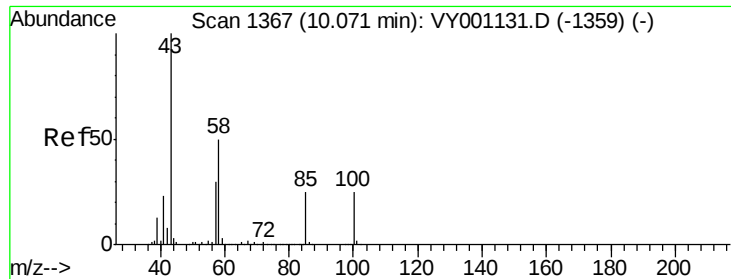
Abundance

Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

Time-->





#51

4-Methyl-2-Pentanone

Concen: 161.297 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY001131.D

Acq: 02 Jan 2020 11:46

Instrument :

MSVOA_Y

ClientSampleId :

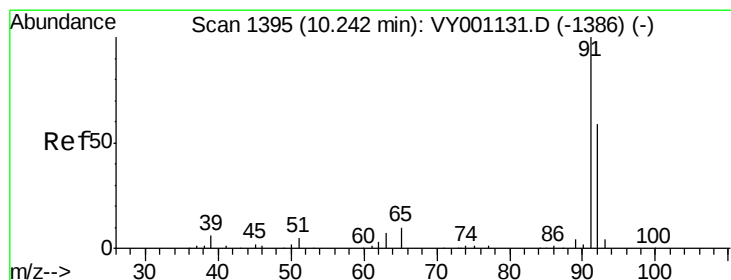
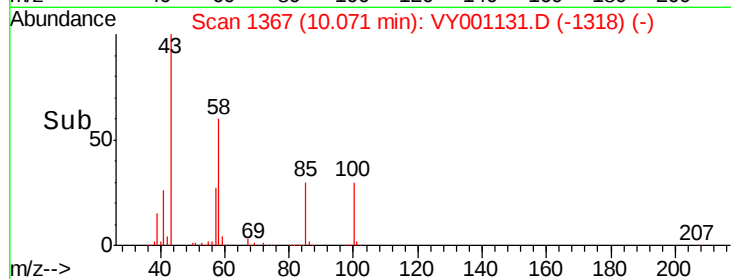
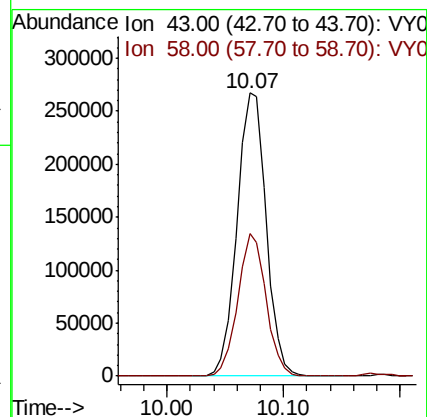
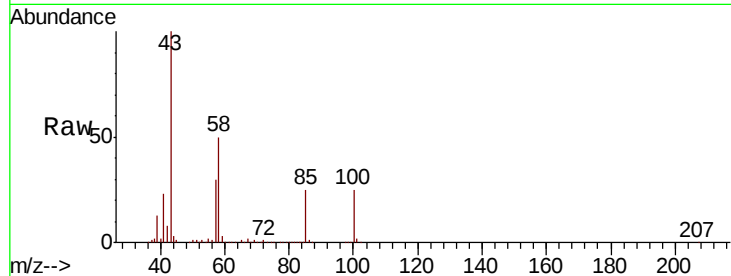
VSTDICCC050

Tot Ion: 43 Resp: 465489

Ion Ratio Lower Upper

43 100

58 48.9 39.1 58.7



#52

Toluene

Concen: 45.770 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY001131.D

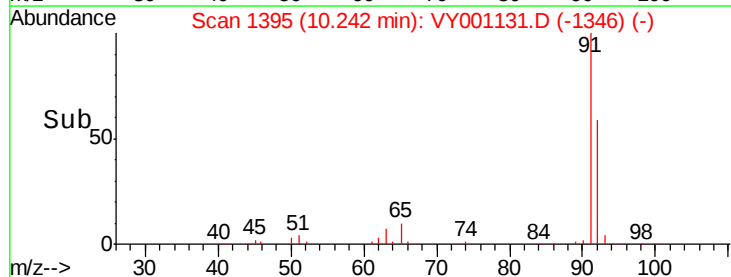
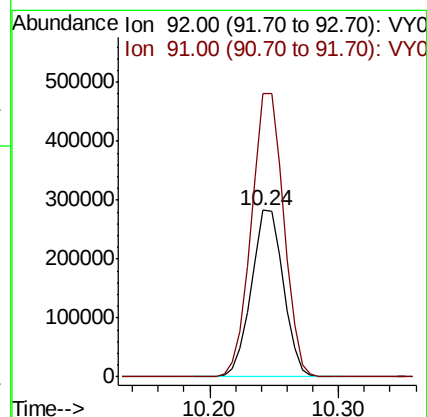
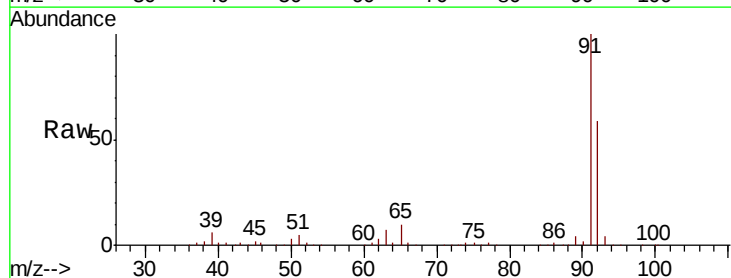
Acq: 02 Jan 2020 11:46

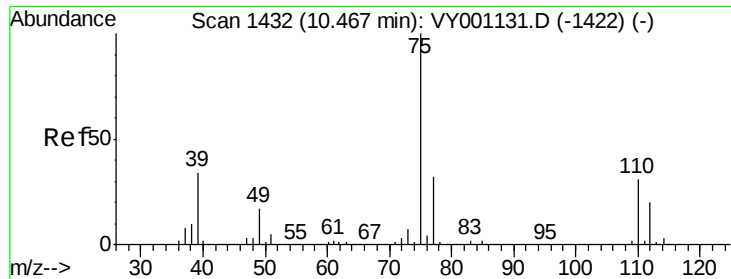
Tgt Ion: 92 Resp: 483015

Ion Ratio Lower Upper

92 100

91 172.0 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 44.379 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY001131.D

Acq: 02 Jan 2020 11:46

Instrument :

MSVOA_Y

ClientSampleId :

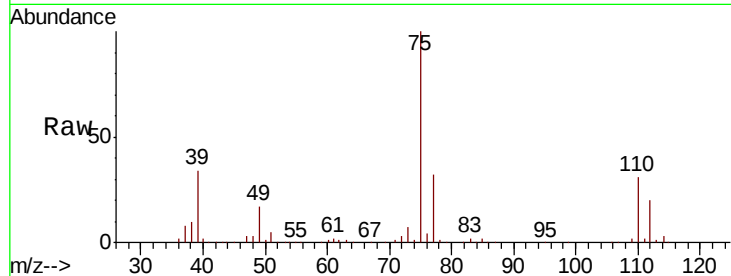
VSTDICCC050

Tot Ion: 75 Resp: 245169

Ion Ratio Lower Upper

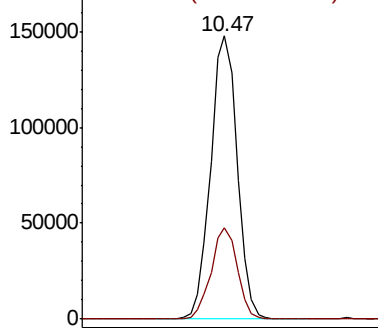
75 100

77 32.1 25.7 38.5

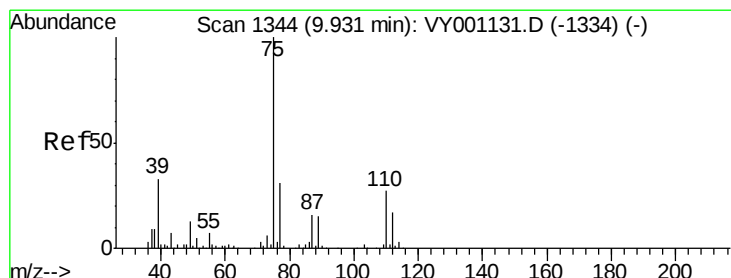
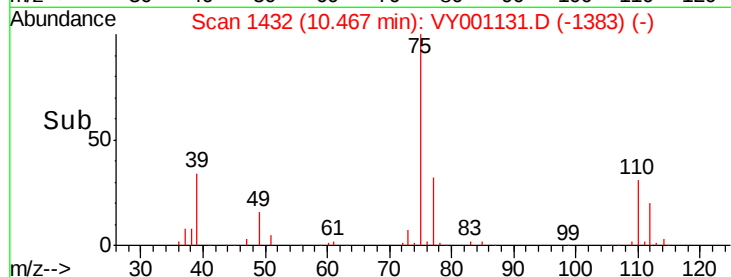


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



Time-->



#54

cis-1,3-Dichloropropene

Concen: 41.511 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY001131.D

Acq: 02 Jan 2020 11:46

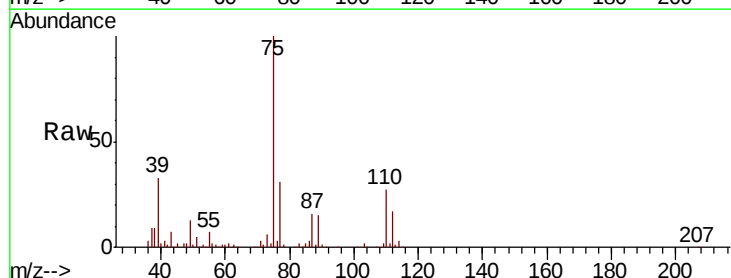
Tgt Ion: 75 Resp: 273595

Ion Ratio Lower Upper

75 100

77 30.8 24.6 37.0

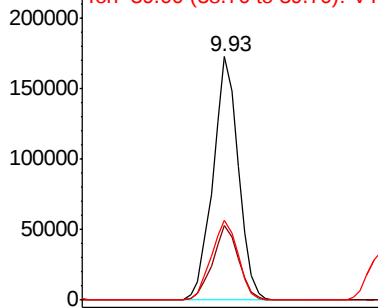
39 32.8 26.2 39.4



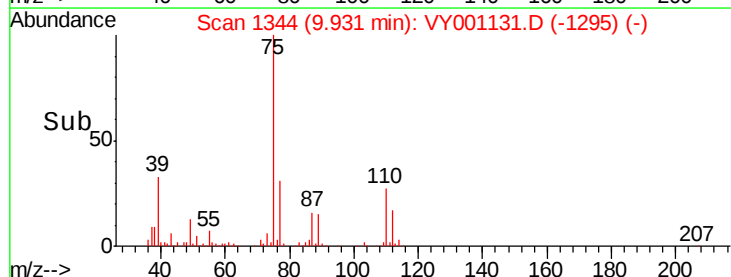
Abundance Ion 74.90 (74.60 to 75.60): VY0

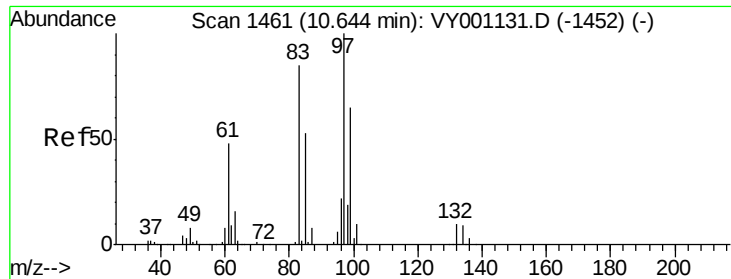
Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0



Time-->

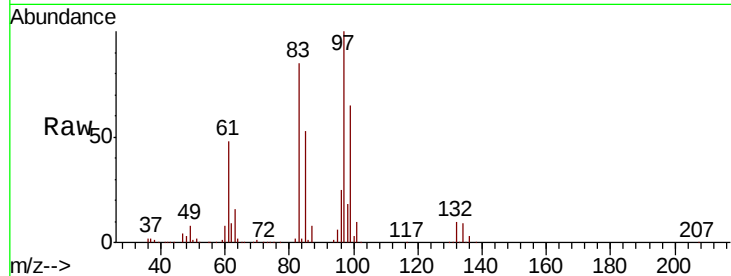




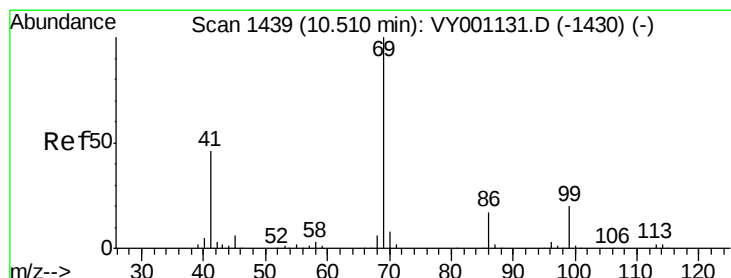
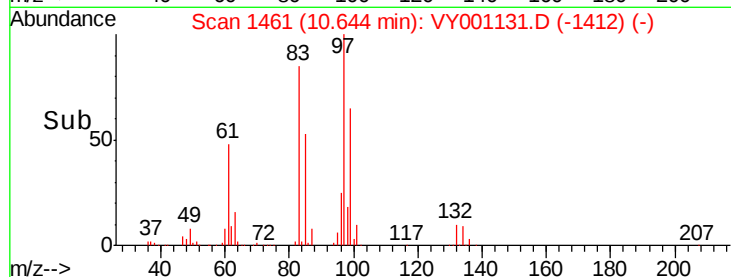
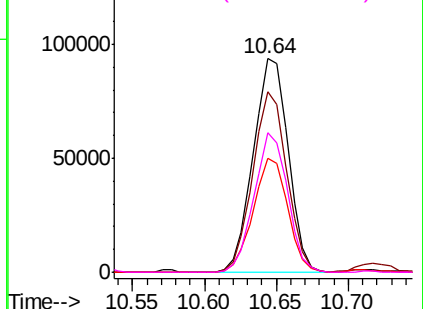
#55
 1,1,2-Trichloroethane
 Concen: 47.230 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY001131.D
 Acq: 02 Jan 2020 11:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion: 97 Resp: 157374
 Ion Ratio Lower Upper
 97 100
 83 84.6 67.7 101.5
 85 53.4 42.7 64.1
 99 65.2 52.2 78.2

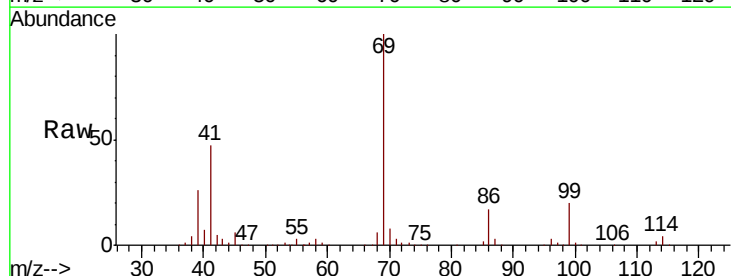


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

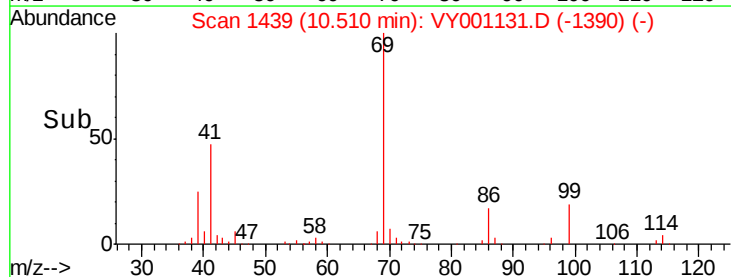
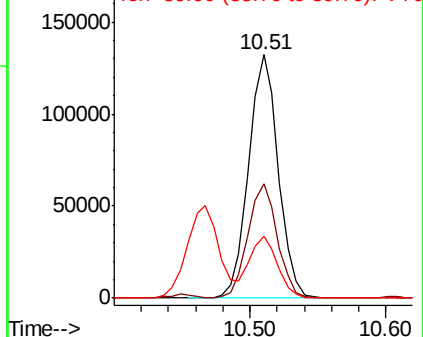


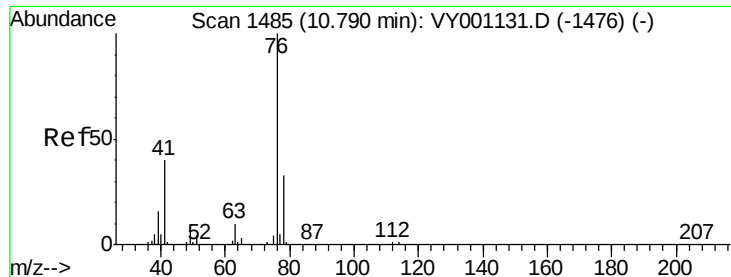
#56
 Ethyl methacrylate
 Concen: 43.471 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY001131.D
 Acq: 02 Jan 2020 11:46

Tgt Ion: 69 Resp: 201914
 Ion Ratio Lower Upper
 69 100
 41 46.9 37.5 56.3
 39 23.8 19.0 28.6



Abundance Ion 69.00 (68.70 to 69.70): VY0
 Ion 41.00 (40.70 to 41.70): VY0
 Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 44.306 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY001131.D

Acq: 02 Jan 2020 11:46

Instrument :

MSVOA_Y

ClientSampleId :

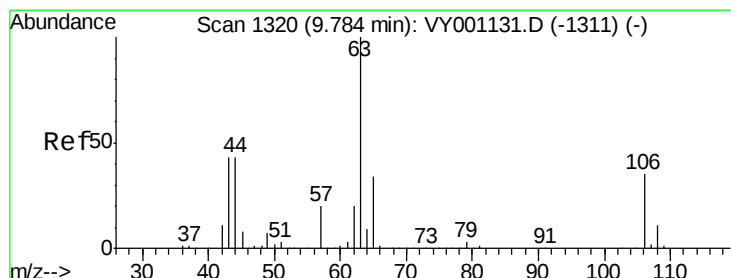
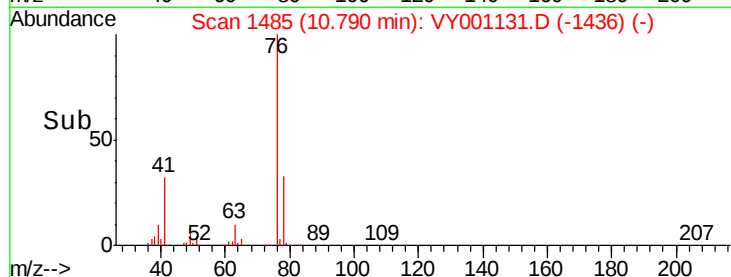
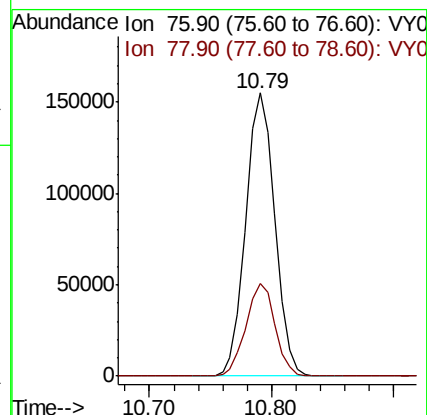
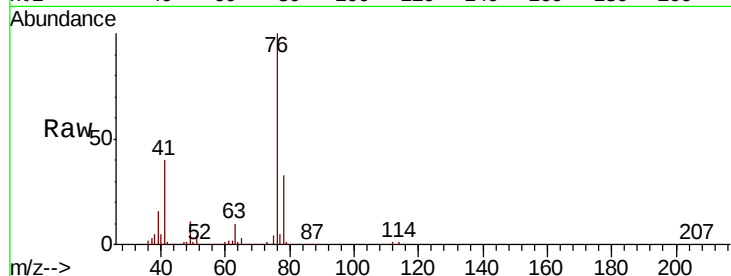
VSTDICCC050

Tot Ion: 76 Resp: 255701

Ion Ratio Lower Upper

76 100

78 32.7 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 173.434 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY001131.D

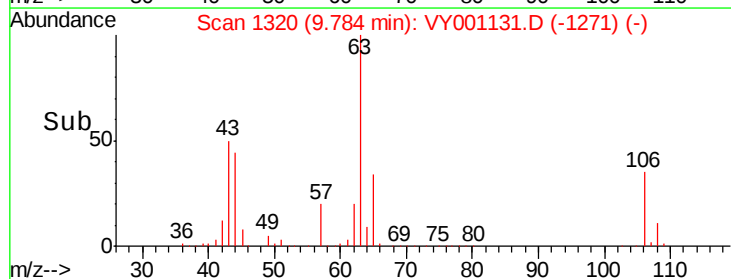
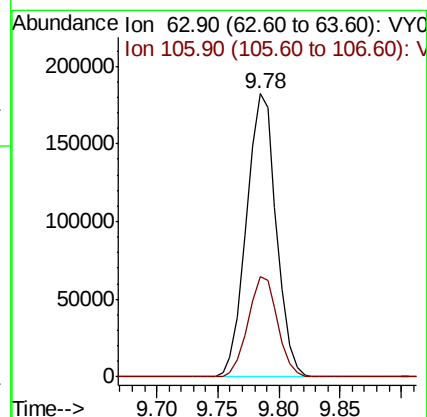
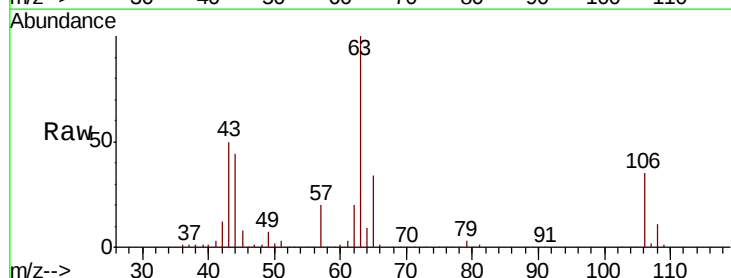
Acq: 02 Jan 2020 11:46

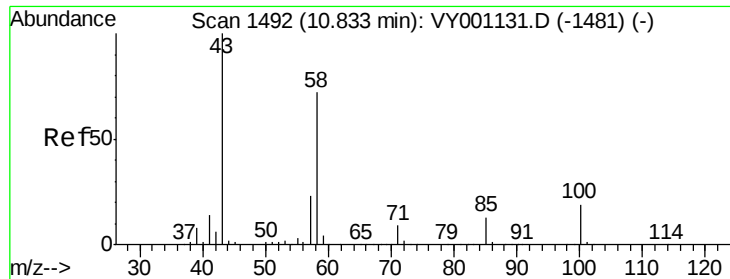
Tgt Ion: 63 Resp: 308493

Ion Ratio Lower Upper

63 100

106 35.0 28.0 42.0

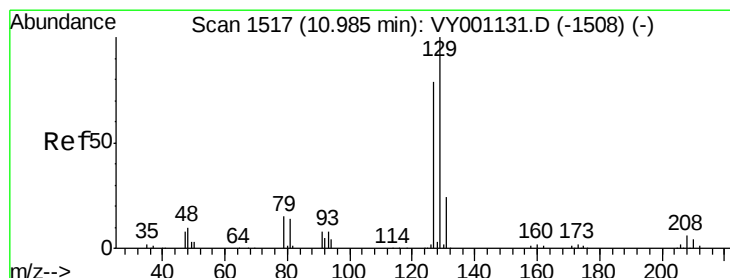
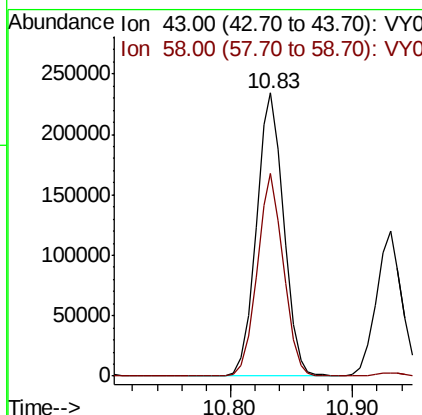
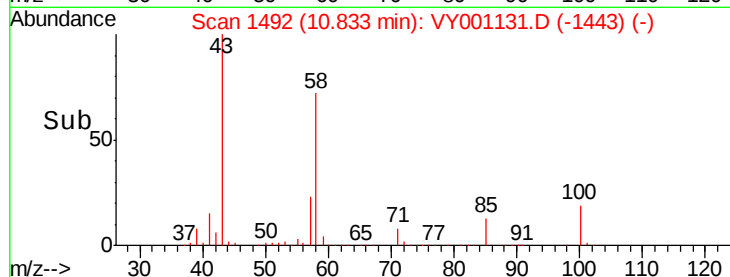
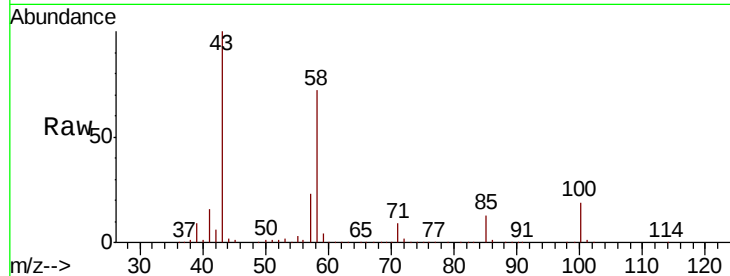




#59
2-Hexanone
Concen: 179.764 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY001131.D
Acq: 02 Jan 2020 11:46

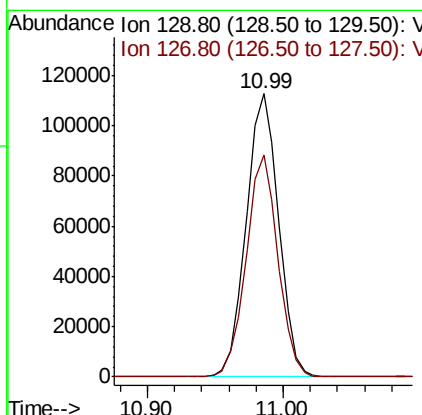
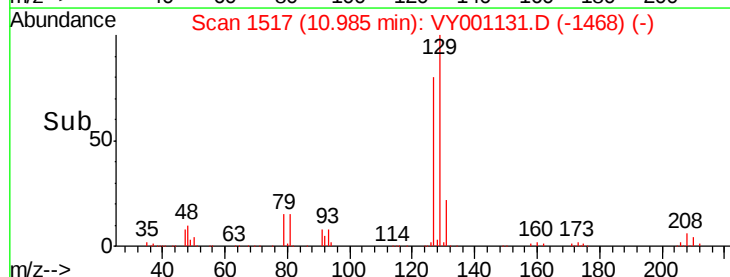
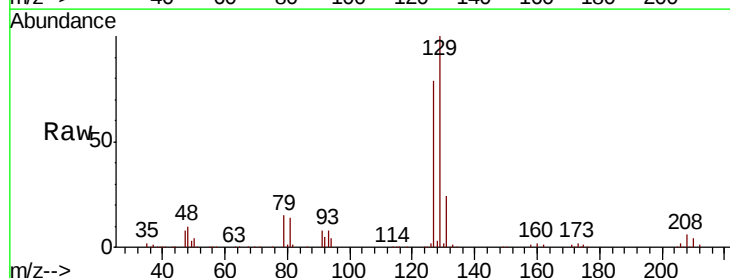
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

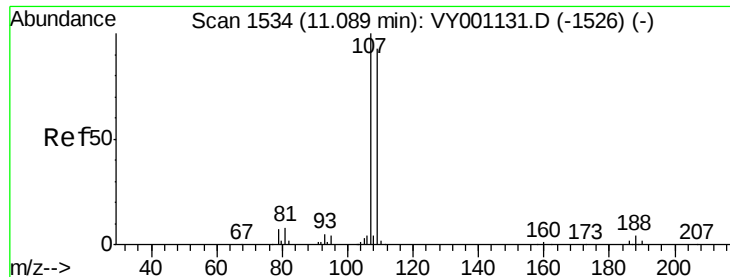
Tot Ion: 43 Resp: 363677
Ion Ratio Lower Upper
43 100
58 68.9 34.4 103.3



#60
Dibromochloromethane
Concen: 52.023 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY001131.D
Acq: 02 Jan 2020 11:46

Tgt Ion: 129 Resp: 187786
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5

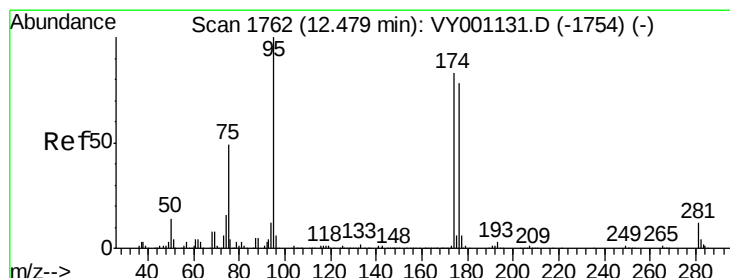
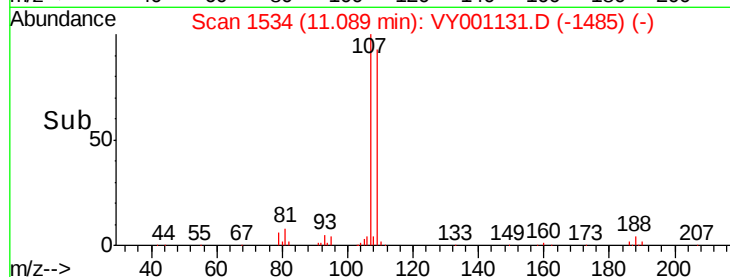
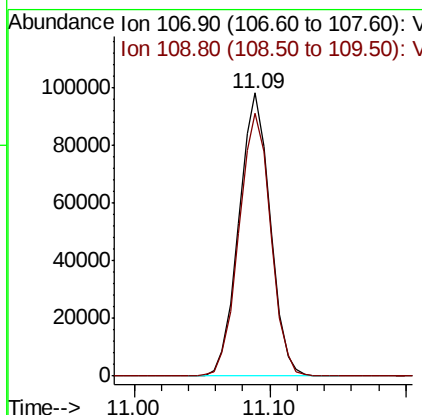
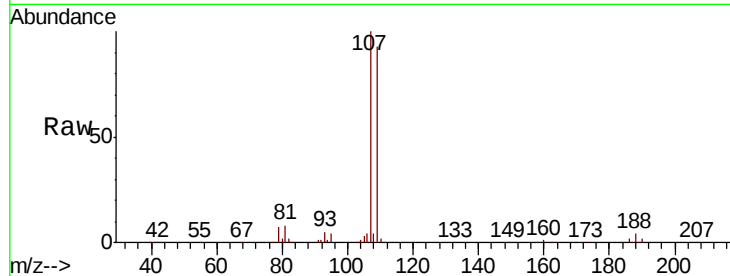




#61
 1,2-Dibromoethane
 Concen: 49.216 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY001131.D
 Acq: 02 Jan 2020 11:46

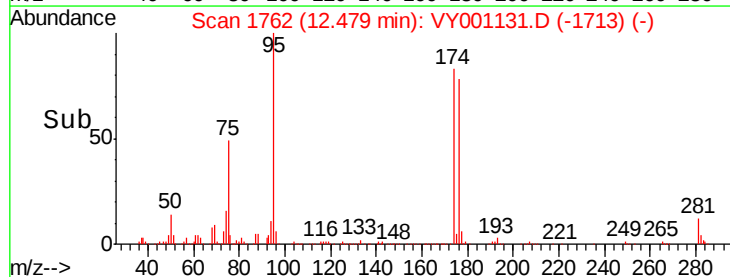
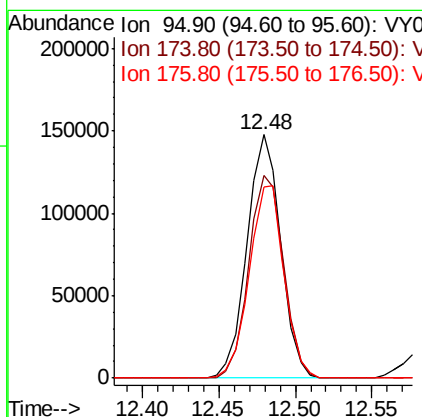
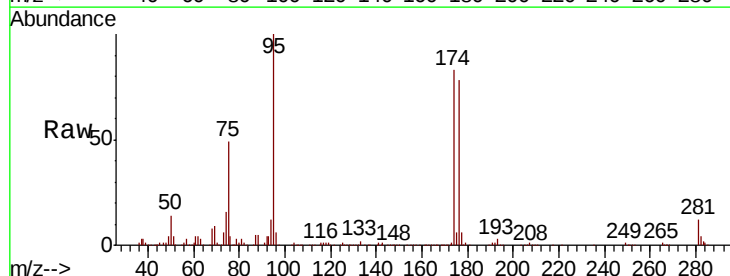
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

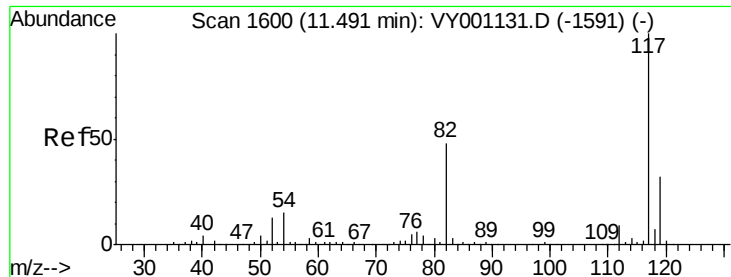
Tot Ion: 107 Resp: 157444
 Ion Ratio Lower Upper
 107 100
 109 94.3 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 45.017 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY001131.D
 Acq: 02 Jan 2020 11:46

Tgt Ion: 95 Resp: 226231
 Ion Ratio Lower Upper
 95 100
 174 85.9 0.0 171.8
 176 81.8 0.0 163.6

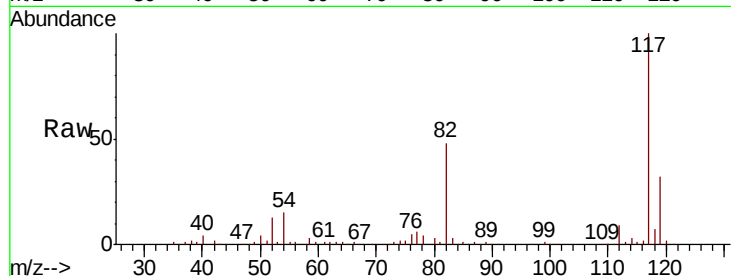




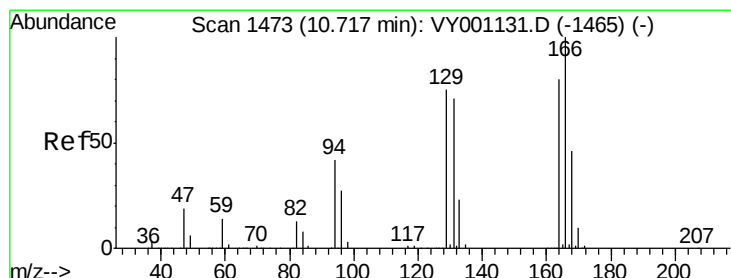
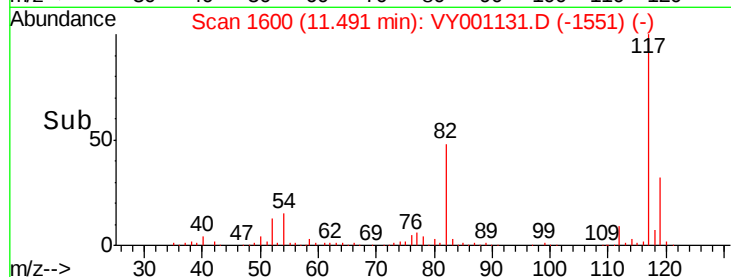
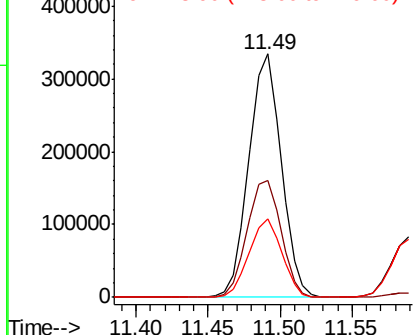
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY001131.D
Acq: 02 Jan 2020 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion:117 Resp: 521114
Ion Ratio Lower Upper
117 100
82 48.1 38.5 57.7
119 32.4 25.9 38.9

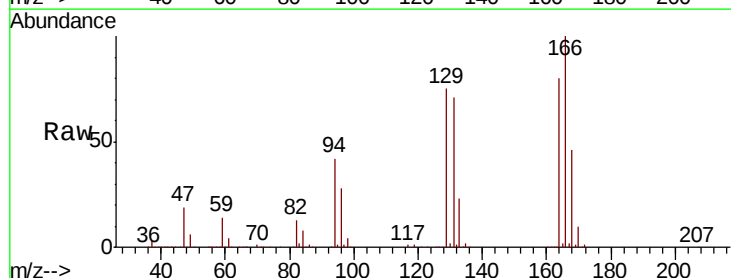


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

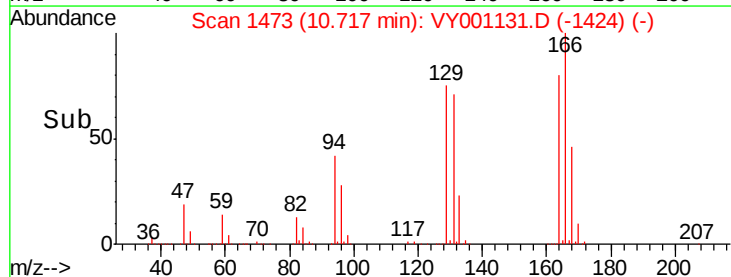
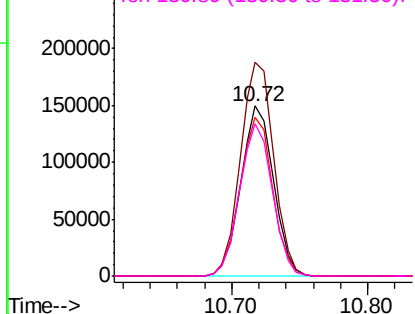


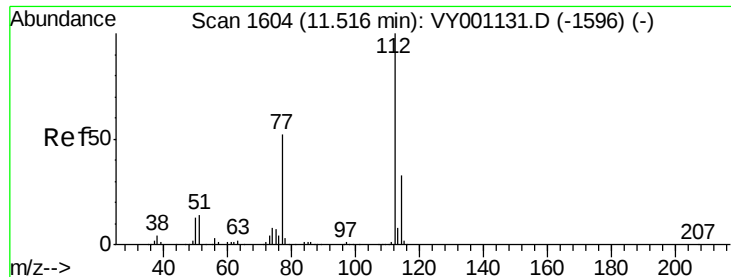
#64
Tetrachloroethene
Concen: 53.988 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY001131.D
Acq: 02 Jan 2020 11:46

Tgt Ion:164 Resp: 251298
Ion Ratio Lower Upper
164 100
166 125.8 100.6 151.0
129 93.7 75.0 112.4
131 89.6 71.7 107.5



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

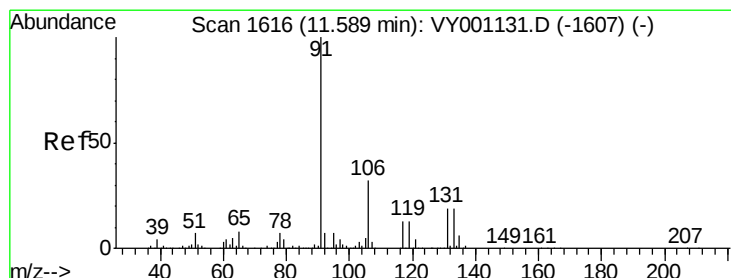
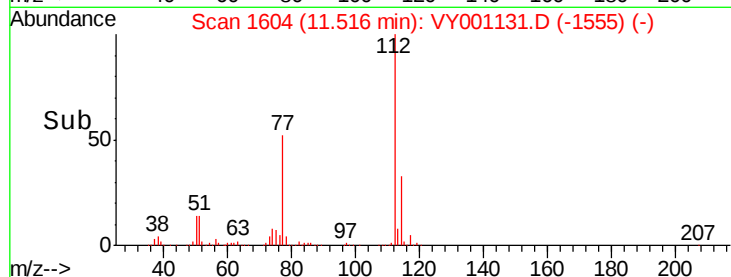
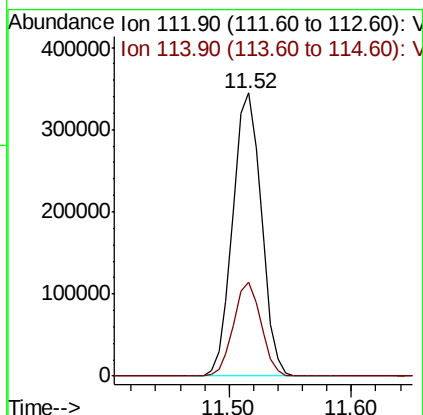
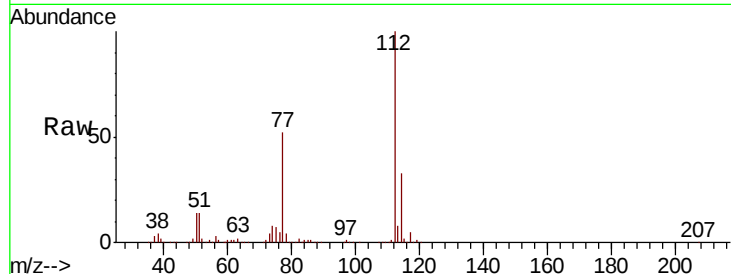




#65
Chlorobenzene
Concen: 50.619 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY001131.D
Acq: 02 Jan 2020 11:46

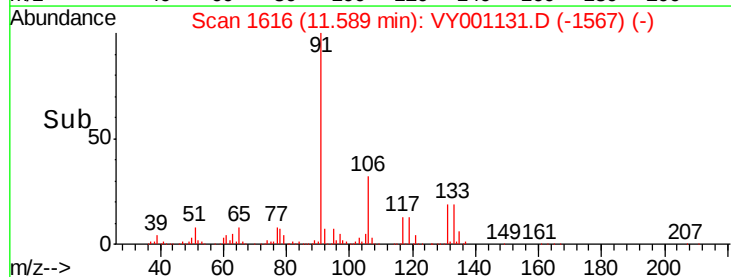
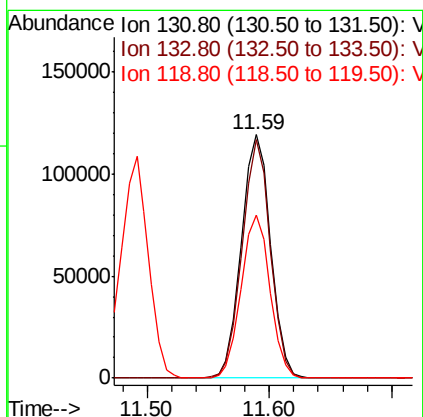
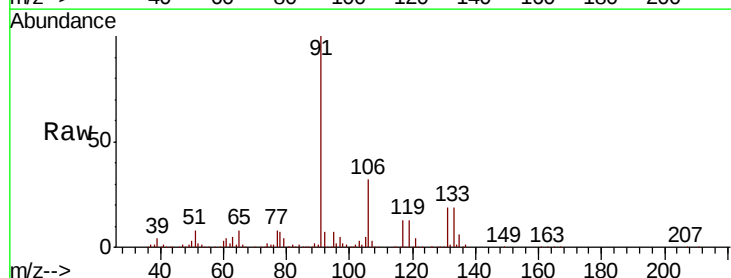
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

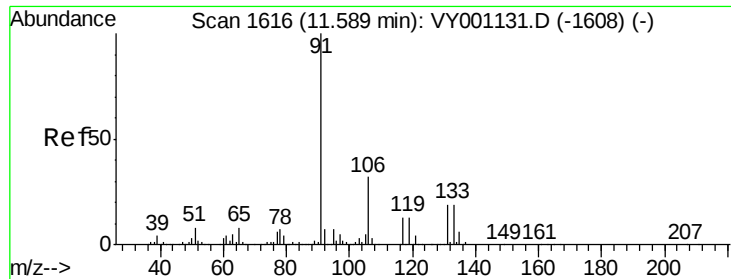
Tot Ion:112 Resp: 556819
Ion Ratio Lower Upper
112 100
114 33.1 26.5 39.7



#66
1,1,1,2-Tetrachloroethane
Concen: 54.046 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001131.D
Acq: 02 Jan 2020 11:46

Tgt Ion:131 Resp: 197603
Ion Ratio Lower Upper
131 100
133 94.5 47.3 141.8
119 66.2 33.1 99.3

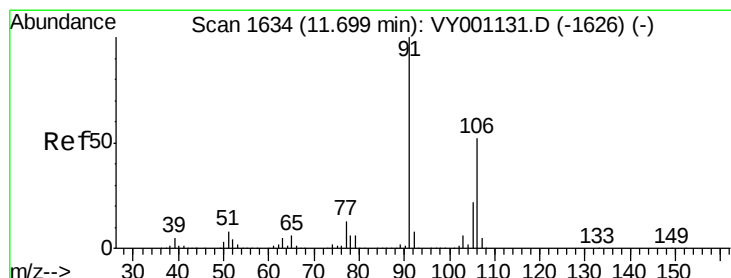
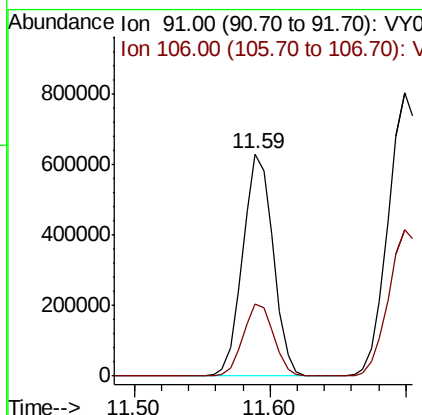
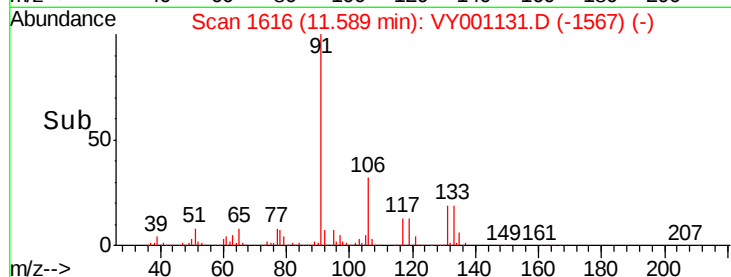
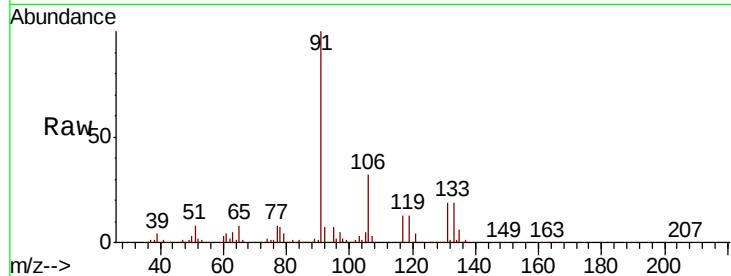




#67
Ethyl Benzene
Concen: 50.106 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001131.D
Acq: 02 Jan 2020 11:46

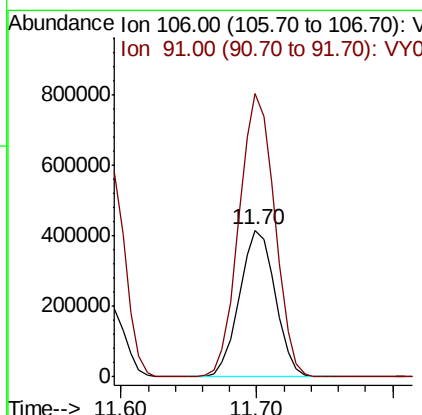
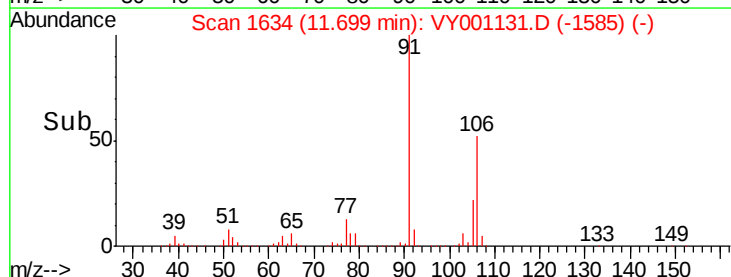
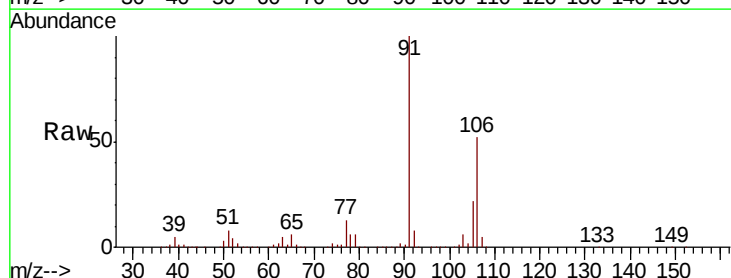
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

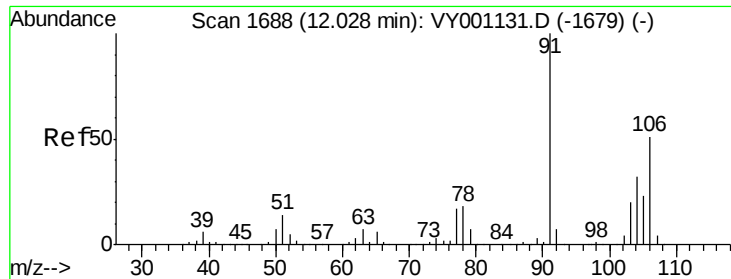
Tot Ion: 91 Resp: 985653
Ion Ratio Lower Upper
91 100
106 32.4 25.9 38.9



#68
m/p-Xylenes
Concen: 101.862 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY001131.D
Acq: 02 Jan 2020 11:46

Tgt Ion: 106 Resp: 764246
Ion Ratio Lower Upper
106 100
91 192.9 154.3 231.5

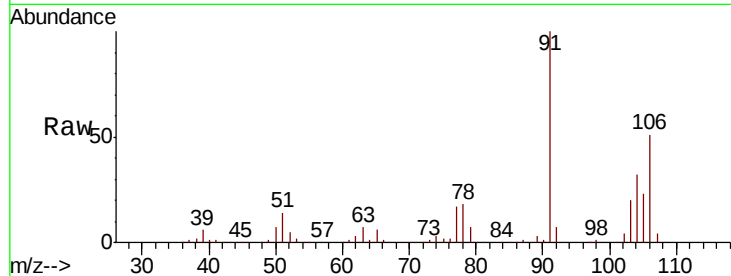




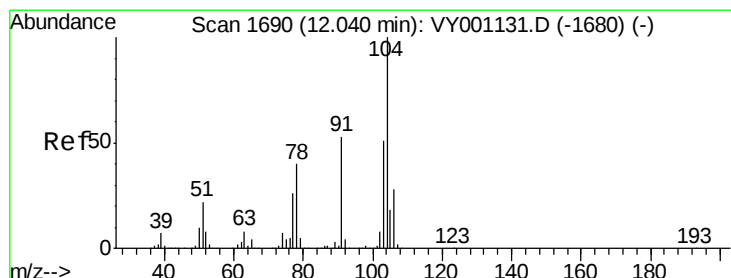
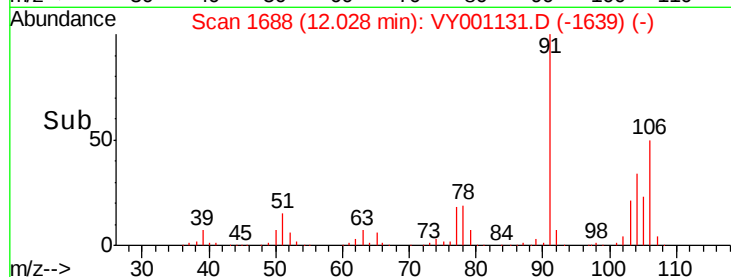
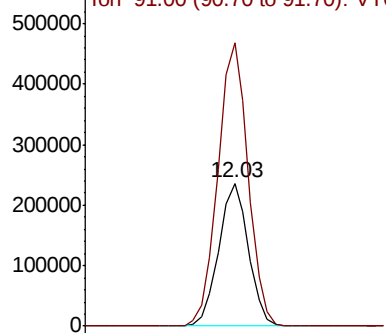
#69
o-Xylene
Concen: 51.172 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY001131.D
Acq: 02 Jan 2020 11:46

Instrument :
MSVOA_Y
ClientSampled :
VSTDICCC050

Tot Ion:106 Resp: 361142
Ion Ratio Lower Upper
106 100
91 201.6 100.8 302.4

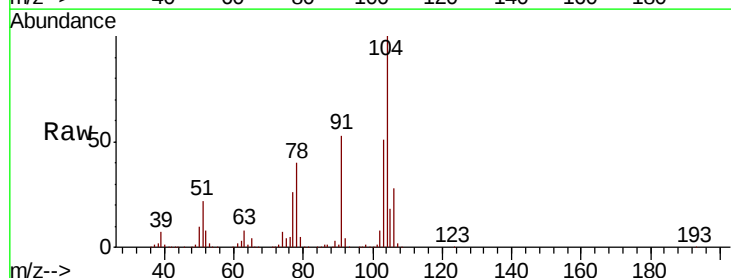


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

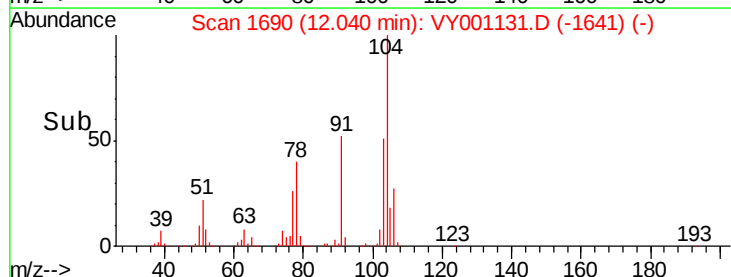
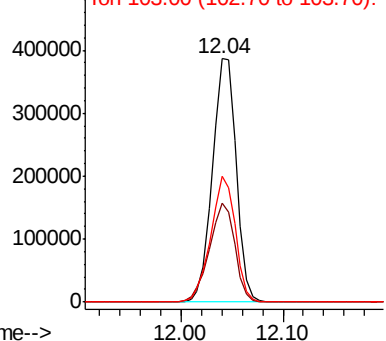


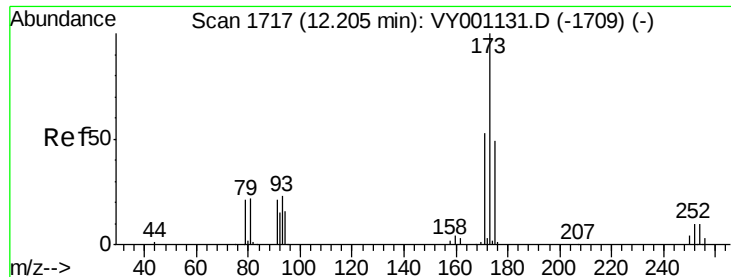
#70
Styrene
Concen: 51.905 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001131.D
Acq: 02 Jan 2020 11:46

Tgt Ion:104 Resp: 623015
Ion Ratio Lower Upper
104 100
78 43.4 34.7 52.1
103 53.3 42.6 64.0



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 54.950 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY001131.D

Acq: 02 Jan 2020 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

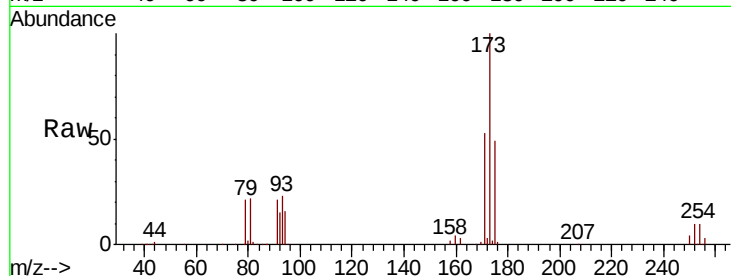
Tot Ion:173 Resp: 111747

Ion Ratio Lower Upper

173 100

175 48.8 24.4 73.2

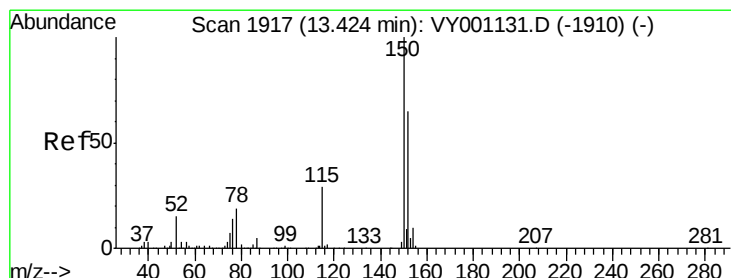
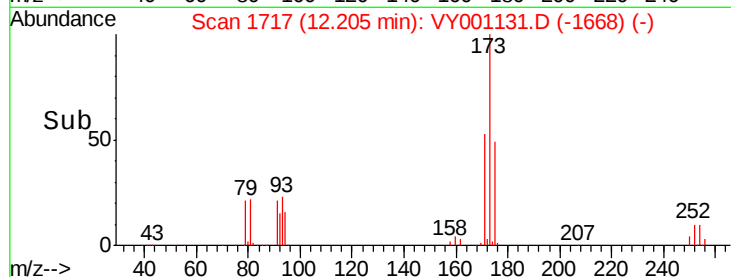
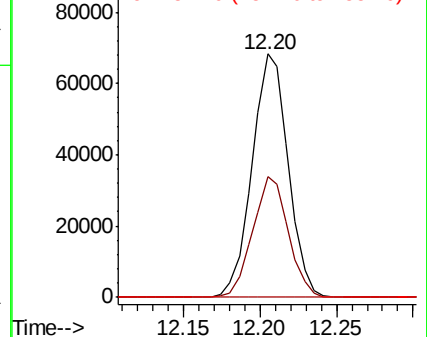
254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY001131.D

Acq: 02 Jan 2020 11:46

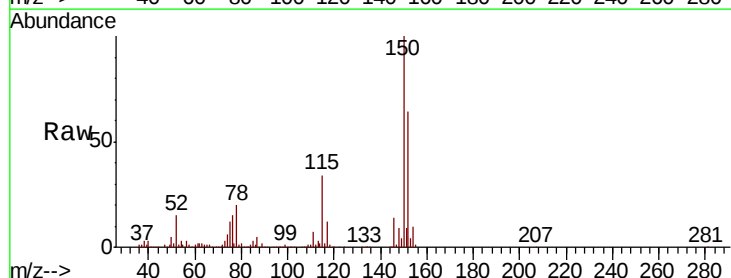
Tgt Ion:152 Resp: 247767

Ion Ratio Lower Upper

152 100

115 55.3 27.7 83.0

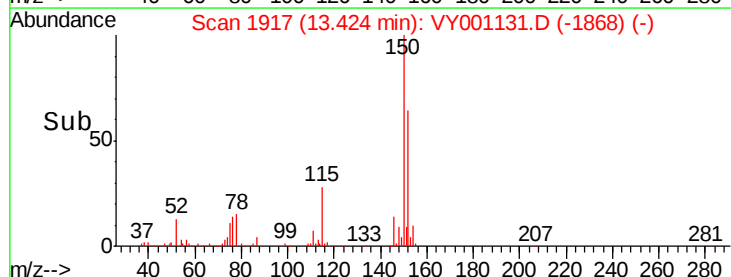
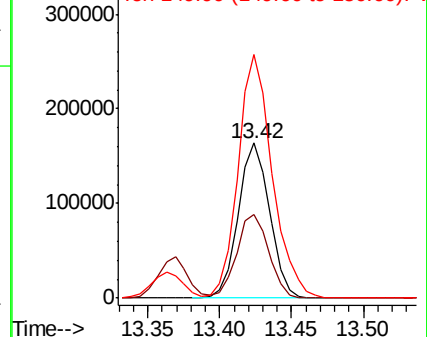
150 171.3 0.0 342.6

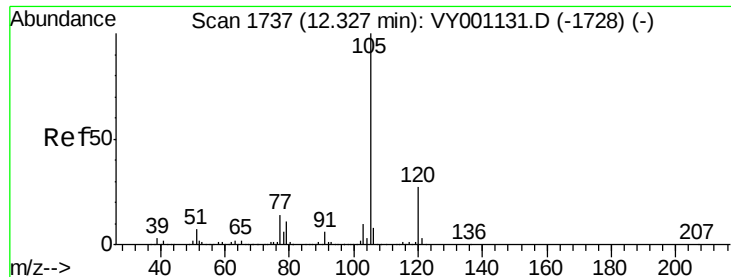


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

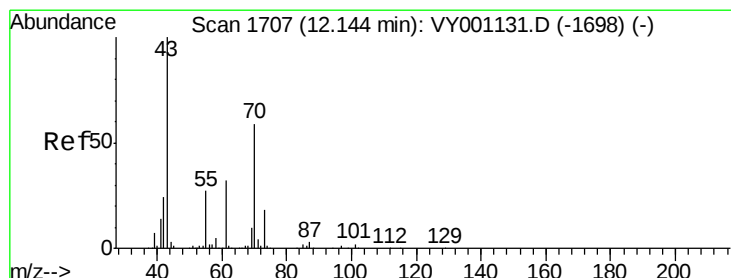
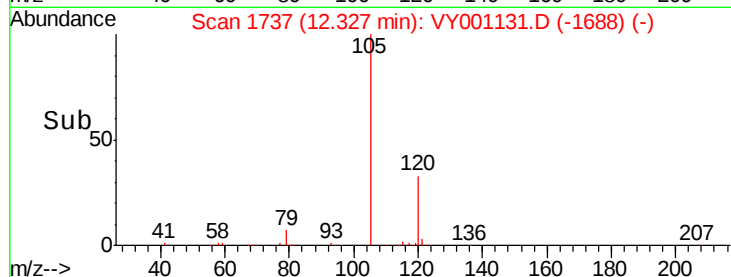
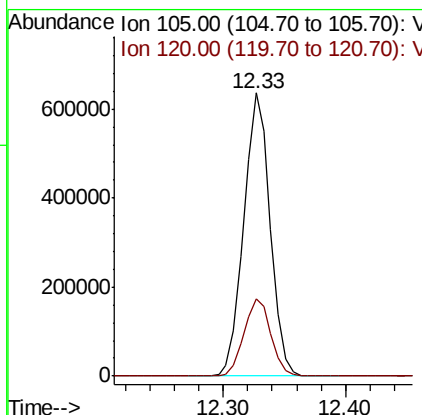
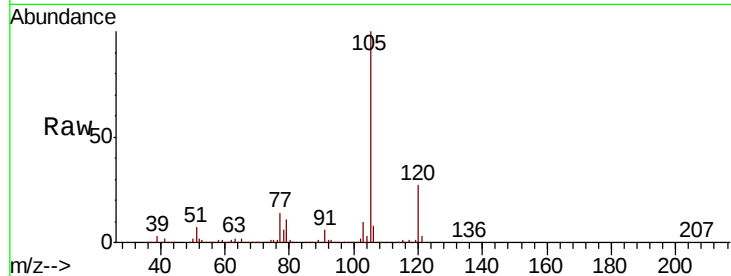




#73
Isopropylbenzene
Concen: 48.936 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VY001131.D
Acq: 02 Jan 2020 11:46

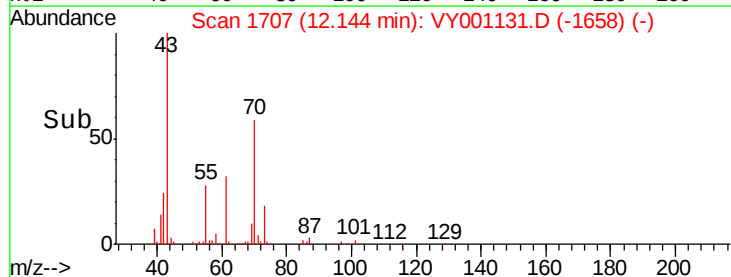
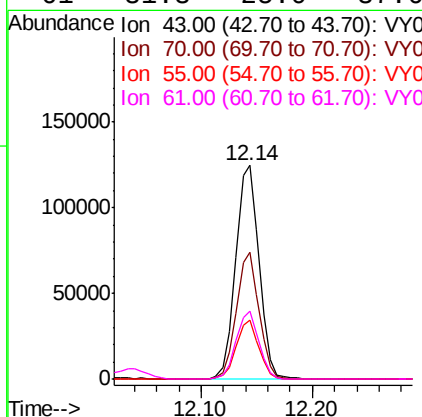
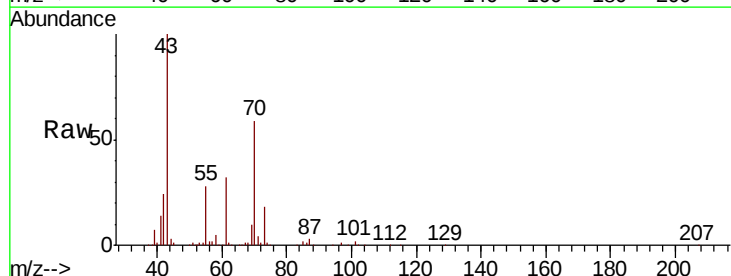
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

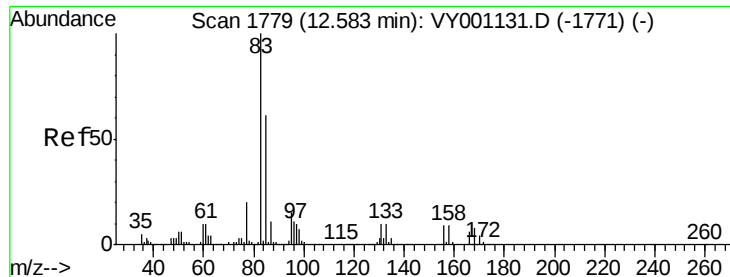
Tot Ion:105 Resp: 946807
Ion Ratio Lower Upper
105 100
120 27.8 13.9 41.7



#74
N-ethyl acetate
Concen: 37.157 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VY001131.D
Acq: 02 Jan 2020 11:46

Tgt Ion: 43 Resp: 179597
Ion Ratio Lower Upper
43 100
70 57.8 46.2 69.4
55 26.6 21.3 31.9
61 31.3 25.0 37.6





#75

1,1,2,2-Tetrachloroethane

Concen: 43.169 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY001131.D

Acq: 02 Jan 2020 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

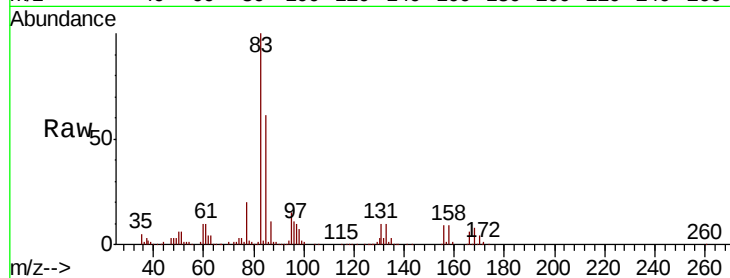
Tot Ion: 83 Resp: 160710

Ion Ratio Lower Upper

83 100

131 11.1 5.5 16.7

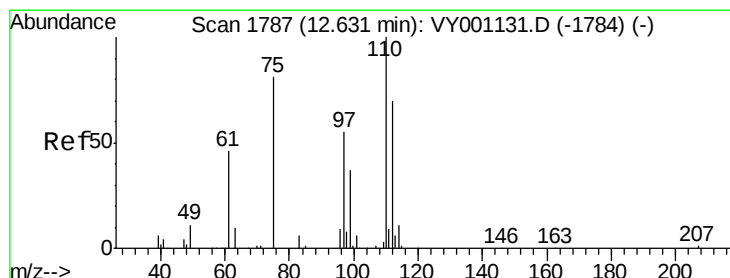
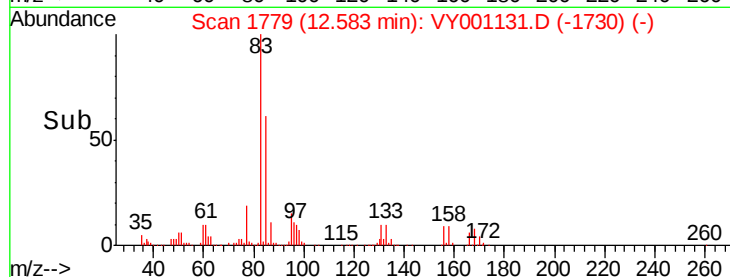
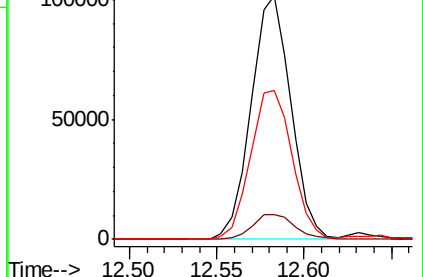
85 64.0 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VY001131.D (-1771) (-)

Ion 130.80 (130.50 to 131.50): VY001131.D (-1771) (-)

Ion 84.90 (84.60 to 85.60): VY001131.D (-1771) (-)



#76

1,2,3-Trichloropropane

Concen: 74.384 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY001131.D

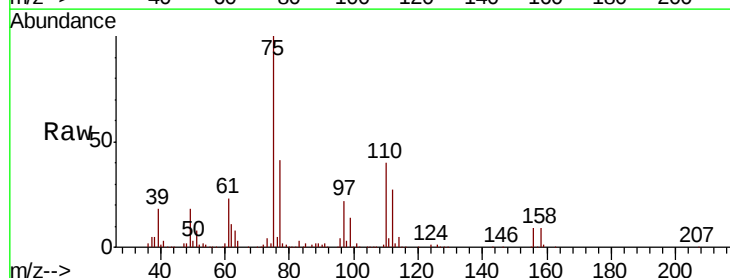
Acq: 02 Jan 2020 11:46

Tgt Ion: 75 Resp: 226353

Ion Ratio Lower Upper

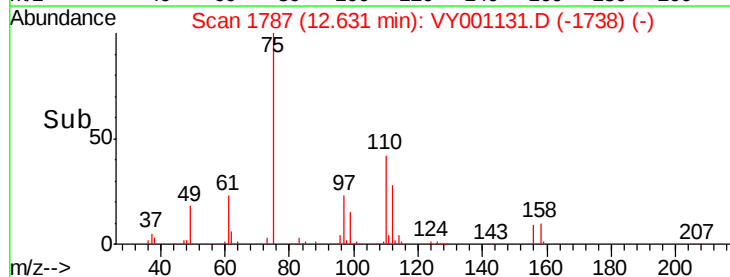
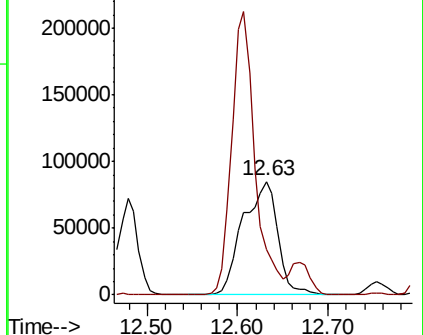
75 100

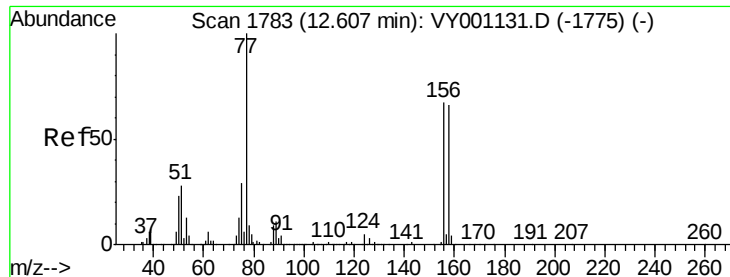
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY001131.D (-1784) (-)

Ion 77.00 (76.70 to 77.70): VY001131.D (-1784) (-)





#77

Bromobenzene

Concen: 50.375 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY001131.D

Acq: 02 Jan 2020 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

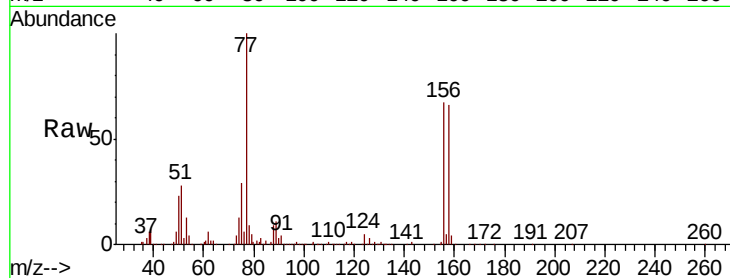
Tot Ion:156 Resp: 220846

Ion Ratio Lower Upper

156 100

77 171.8 85.9 257.7

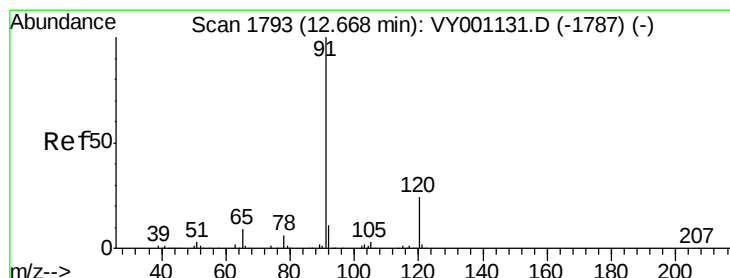
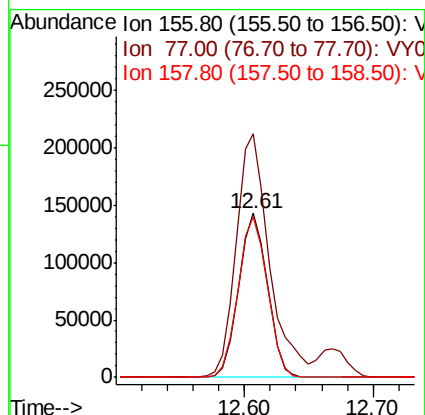
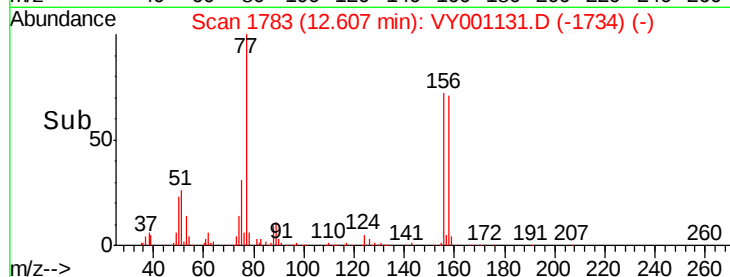
158 99.4 49.7 149.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.570 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY001131.D

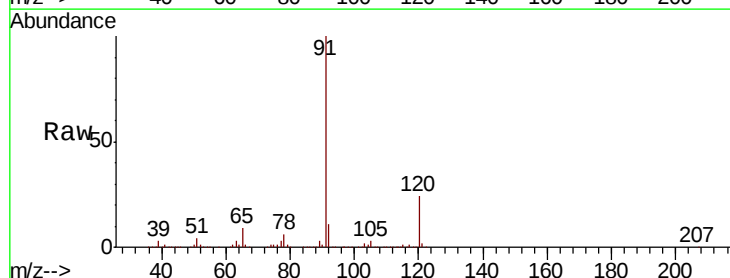
Acq: 02 Jan 2020 11:46

Tgt Ion: 91 Resp: 1117543

Ion Ratio Lower Upper

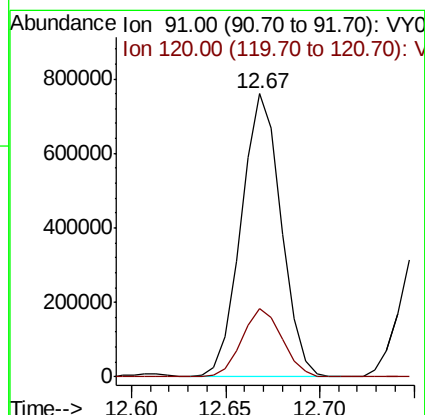
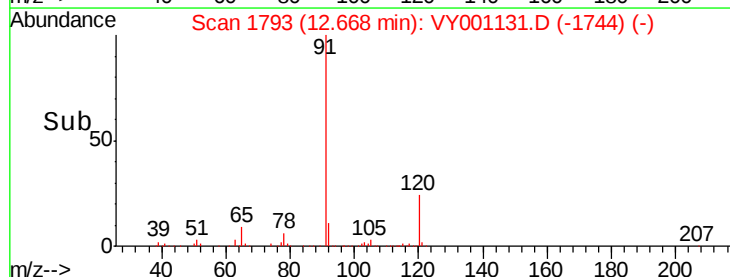
91 100

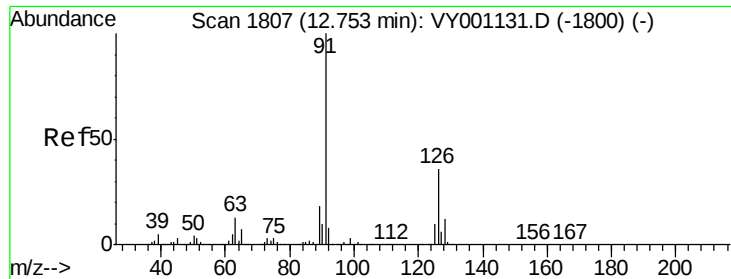
120 24.3 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

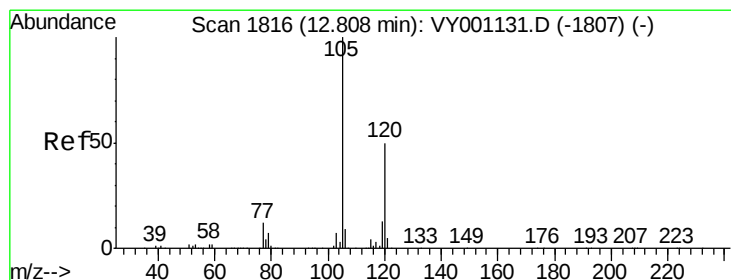
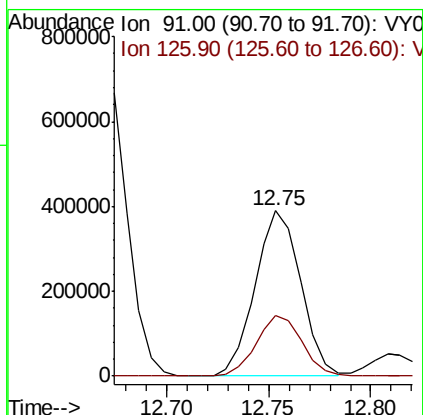
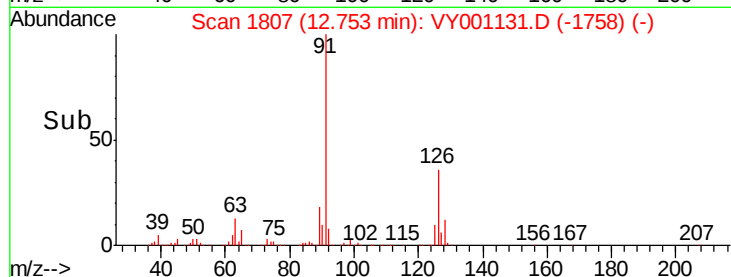
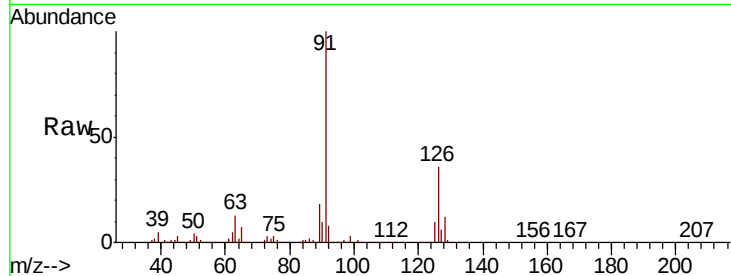




#79
2-Chlorotoluene
Concen: 46.993 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VY001131.D
Acq: 02 Jan 2020 11:46

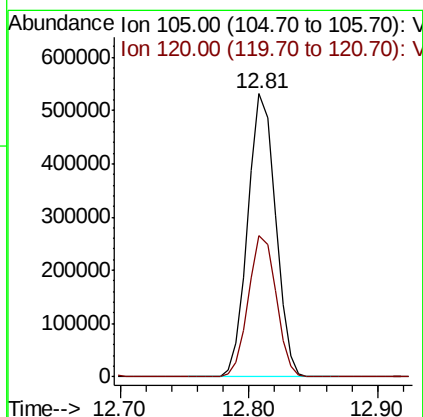
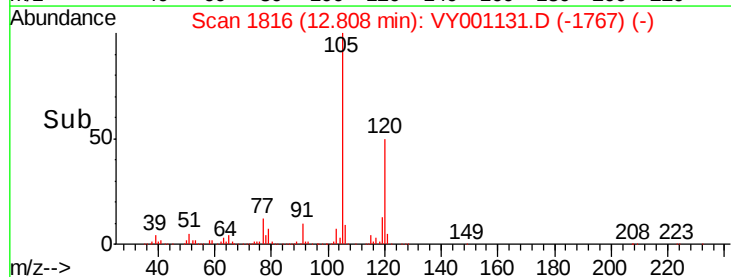
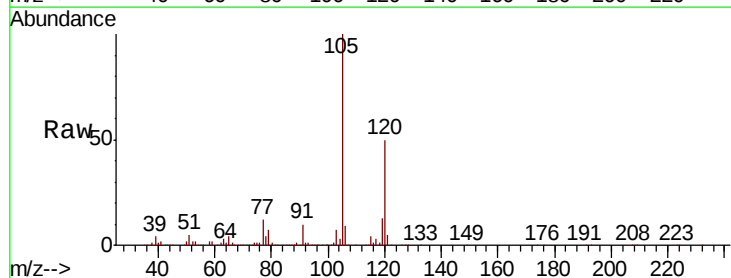
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

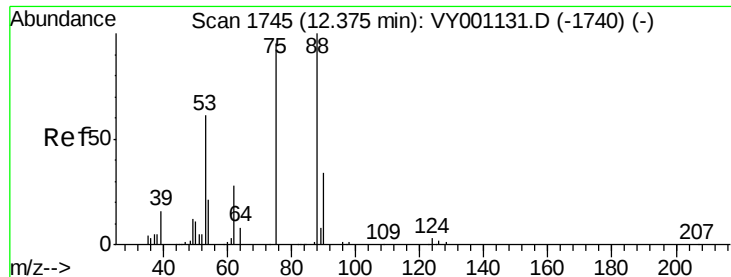
Tot Ion: 91 Resp: 608283
Ion Ratio Lower Upper
91 100
126 36.5 18.3 54.8



#80
1,3,5-Trimethylbenzene
Concen: 49.630 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VY001131.D
Acq: 02 Jan 2020 11:46

Tgt Ion: 105 Resp: 788571
Ion Ratio Lower Upper
105 100
120 50.2 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 44.739 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY001131.D

Acq: 02 Jan 2020 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

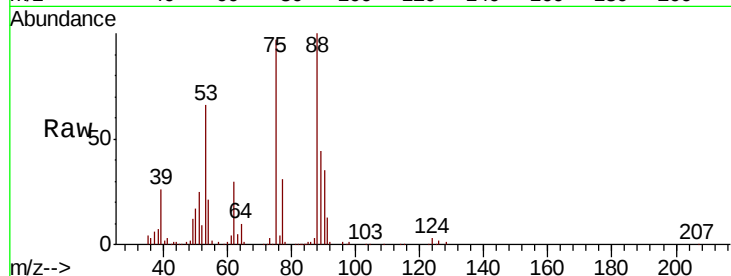
Tot Ion: 75 Resp: 63228

Ion Ratio Lower Upper

75 100

53 69.5 55.6 83.4

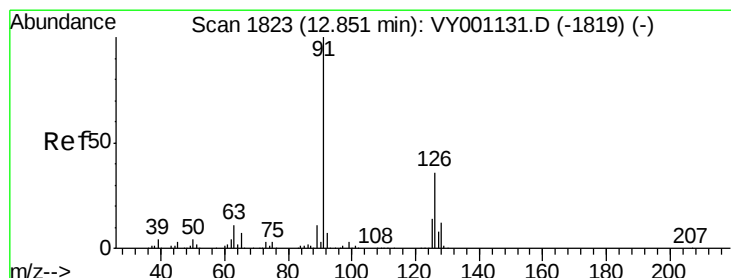
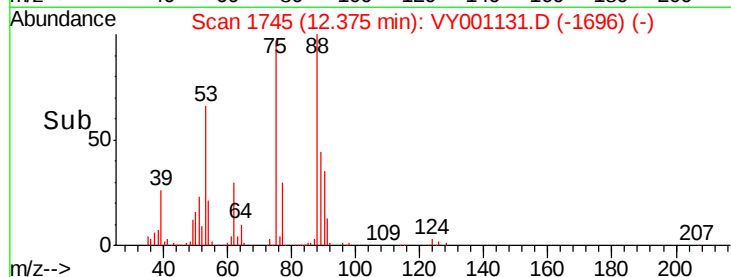
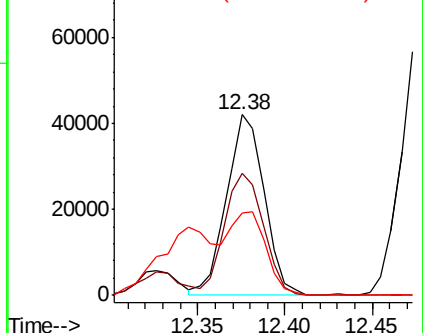
89 43.4 34.7 52.1



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 46.360 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY001131.D

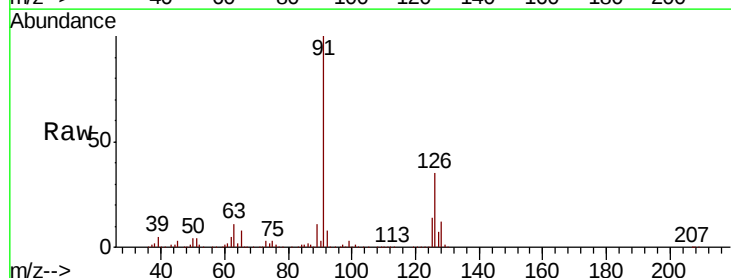
Acq: 02 Jan 2020 11:46

Tgt Ion: 91 Resp: 620971

Ion Ratio Lower Upper

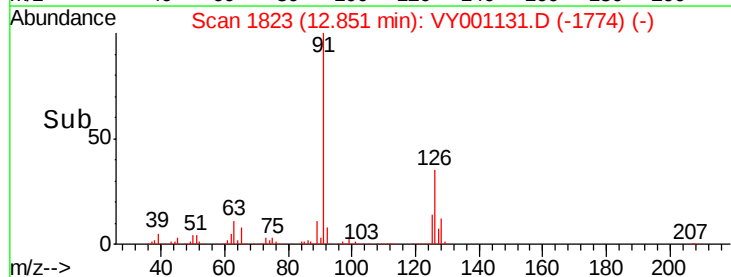
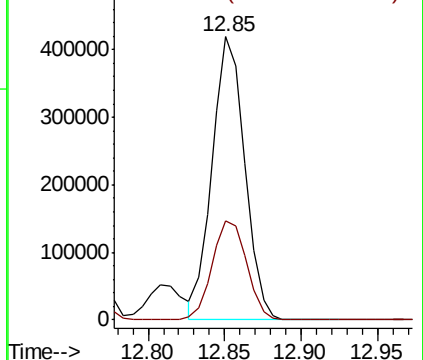
91 100

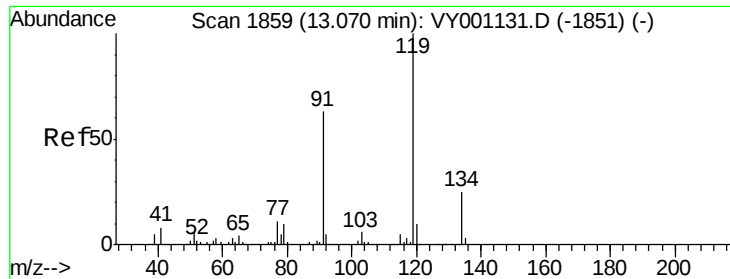
126 37.3 18.6 56.0



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

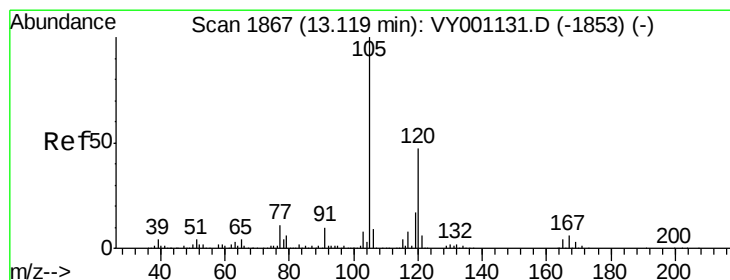
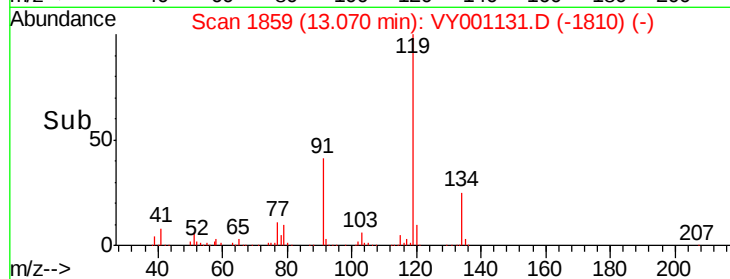
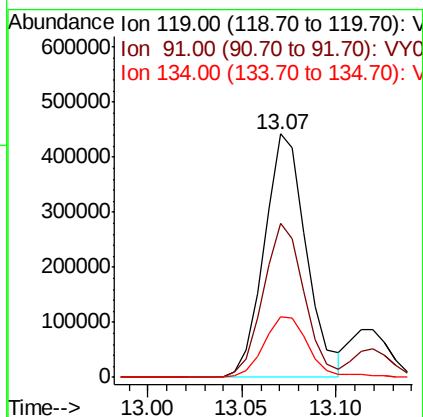
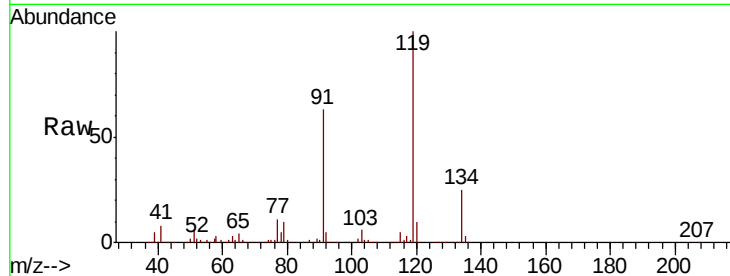




#83
 tert-Butylbenzene
 Concen: 50.804 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VY001131.D
 Acq: 02 Jan 2020 11:46

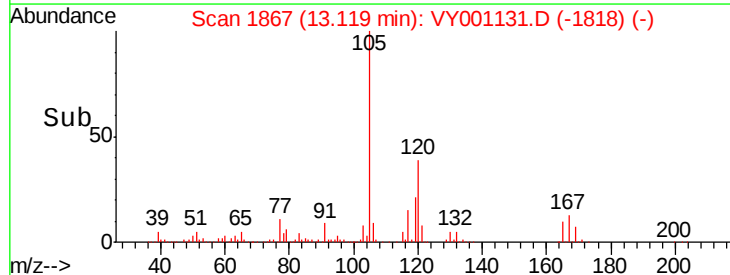
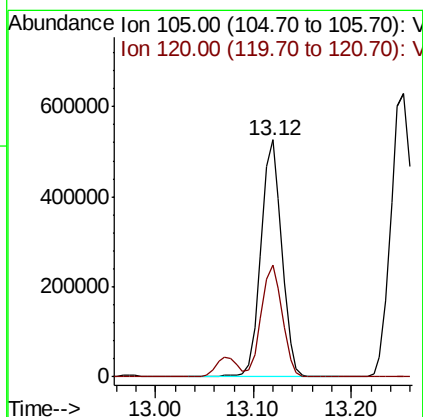
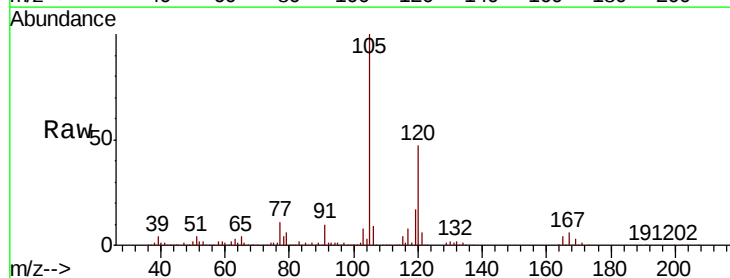
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

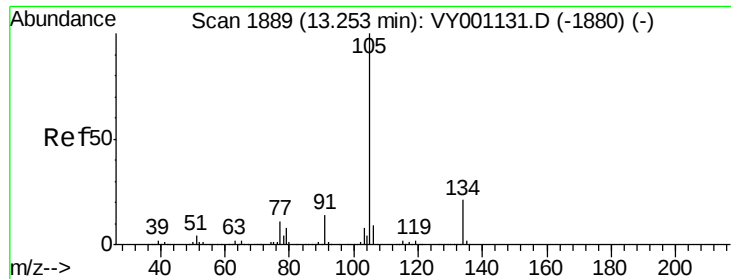
Tot Ion:119 Resp: 682906
 Ion Ratio Lower Upper
 119 100
 91 61.8 30.9 92.7
 134 26.3 13.2 39.5



#84
 1,2,4-Trimethylbenzene
 Concen: 48.712 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY001131.D
 Acq: 02 Jan 2020 11:46

Tgt Ion:105 Resp: 775335
 Ion Ratio Lower Upper
 105 100
 120 48.0 24.0 72.0





#85

sec-Butylbenzene

Concen: 48.851 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY001131.D

Acq: 02 Jan 2020 11:46

Instrument :

MSVOA_Y

ClientSampleId :

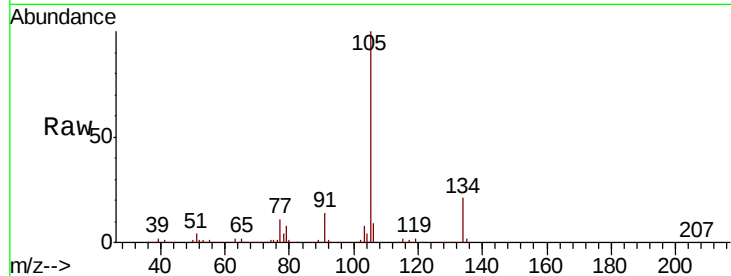
VSTDICCC050

Tot Ion:105 Resp: 959752

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

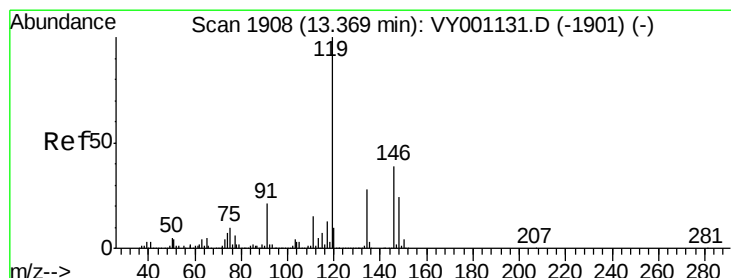
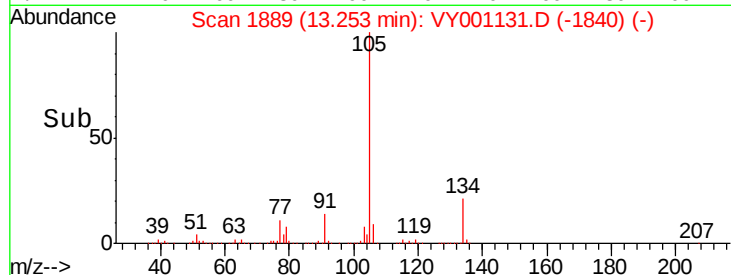
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 50.156 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY001131.D

Acq: 02 Jan 2020 11:46

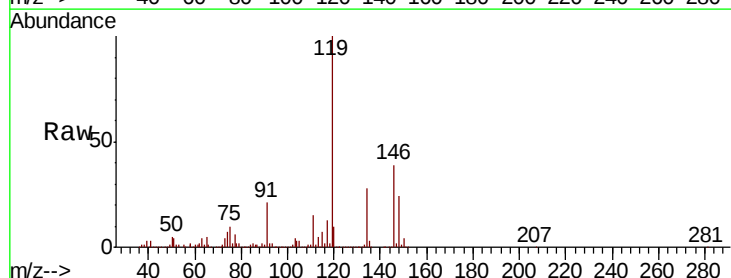
Tgt Ion:119 Resp: 854706

Ion Ratio Lower Upper

119 100

134 27.5 13.8 41.3

91 22.1 11.1 33.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

800000

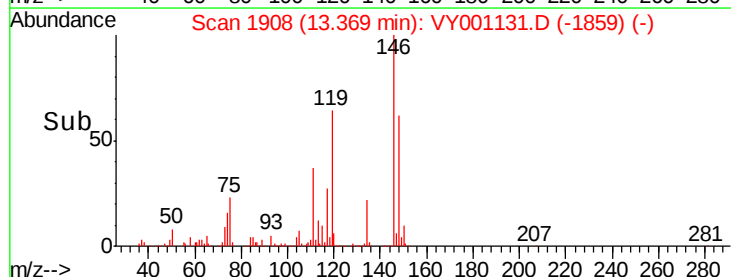
600000

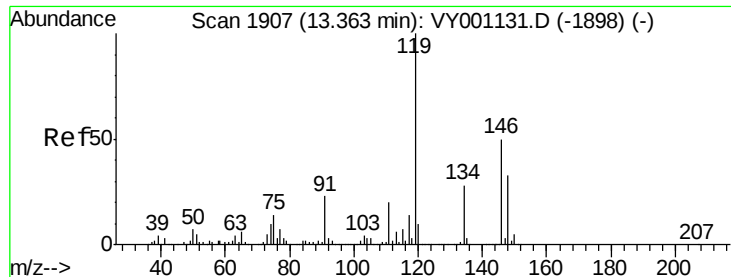
400000

200000

0

Time-->

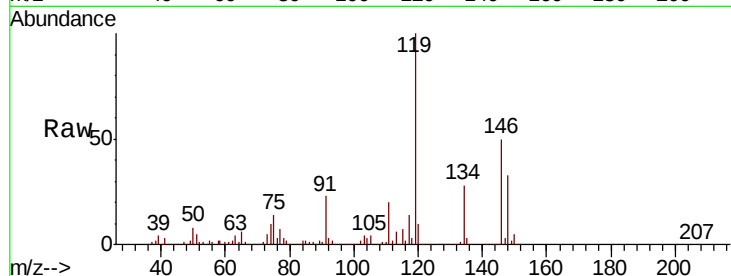




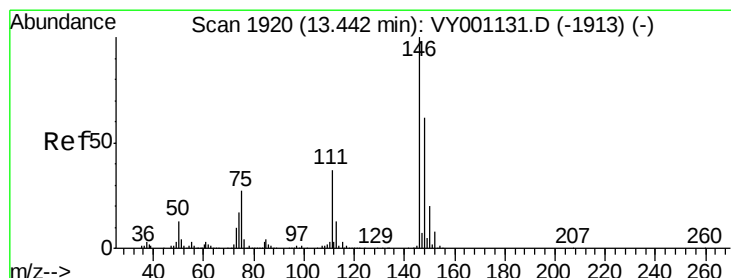
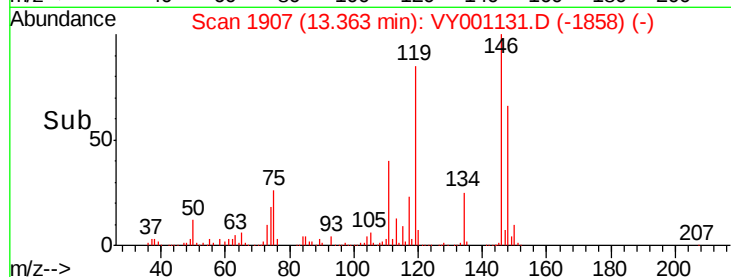
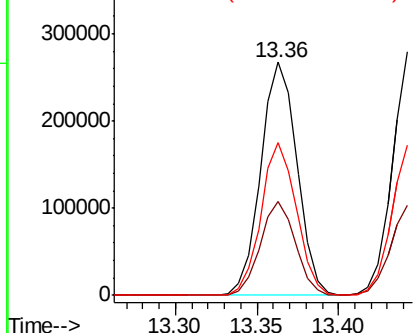
#87
 1,3-Dichlorobenzene
 Concen: 49.327 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY001131.D
 Acq: 02 Jan 2020 11:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion:146 Resp: 413046
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.5 58.5
 148 63.8 31.9 95.7

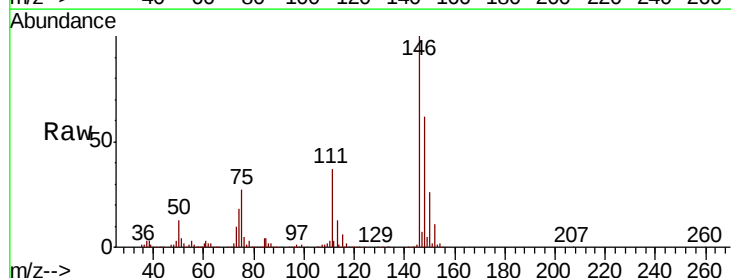


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

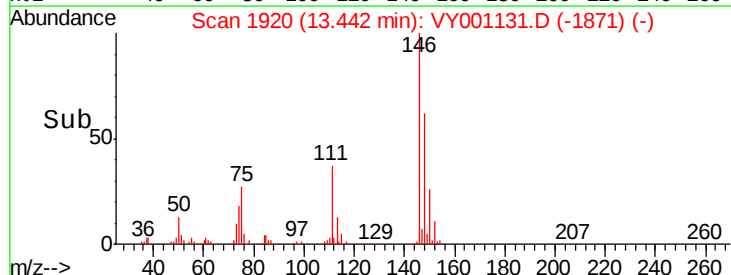
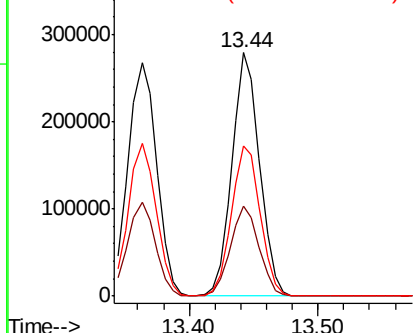


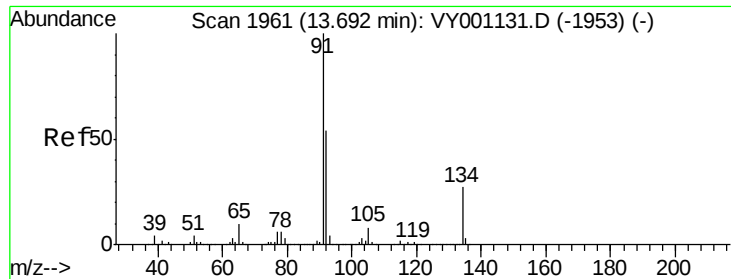
#88
 1,4-Dichlorobenzene
 Concen: 49.333 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY001131.D
 Acq: 02 Jan 2020 11:46

Tgt Ion:146 Resp: 417018
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.1 57.3
 148 64.0 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

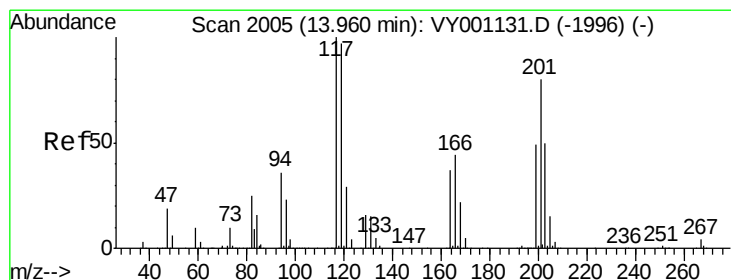
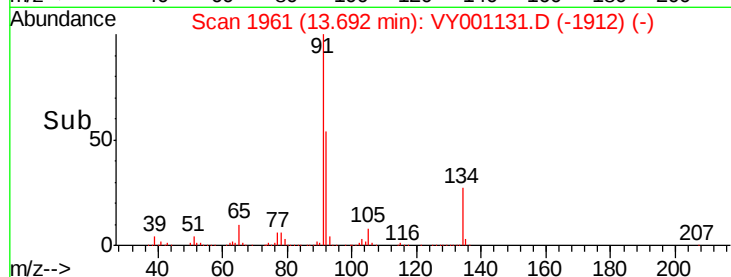
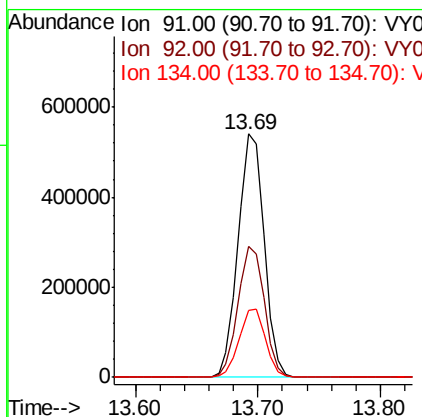
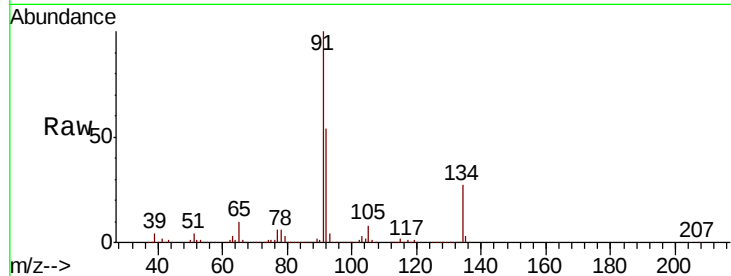




#89
n-Butylbenzene
Concen: 46.976 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY001131.D
Acq: 02 Jan 2020 11:46

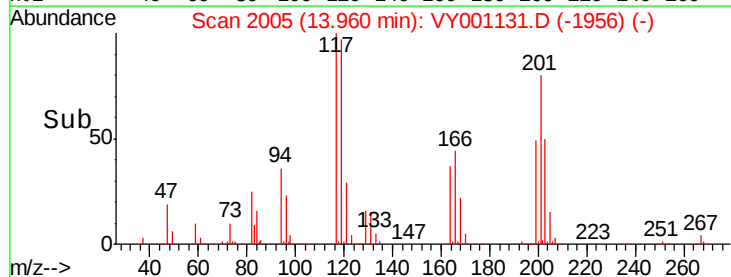
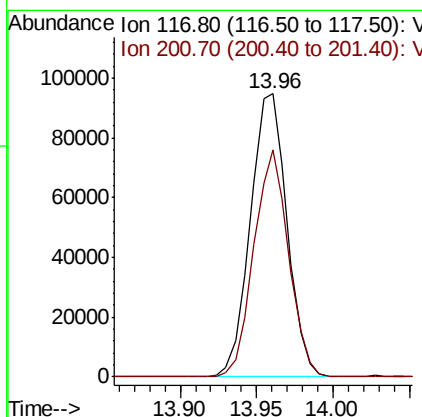
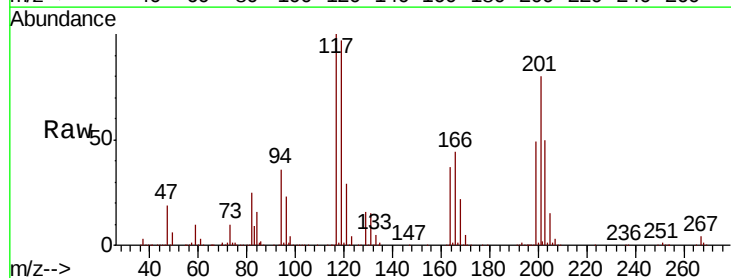
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

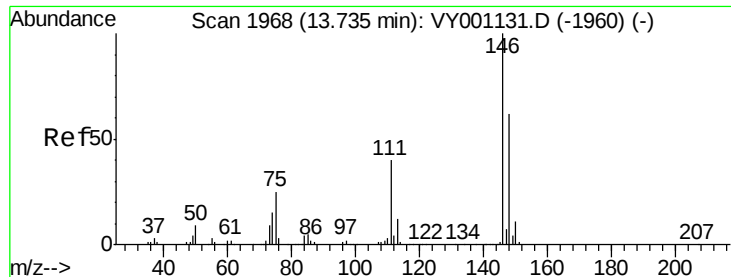
Tot Ion: 91 Resp: 795597
Ion Ratio Lower Upper
91 100
92 54.3 27.2 81.5
134 28.3 14.1 42.4



#90
Hexachloroethane
Concen: 49.566 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY001131.D
Acq: 02 Jan 2020 11:46

Tgt Ion: 117 Resp: 158092
Ion Ratio Lower Upper
117 100
201 76.0 38.0 114.0





#91

1,2-Dichlorobenzene

Concen: 49.301 ug/l

RT: 13.73 min Scan# 1968

Delta R.T. 0.00 min

Lab File: VY001131.D

Acq: 02 Jan 2020 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

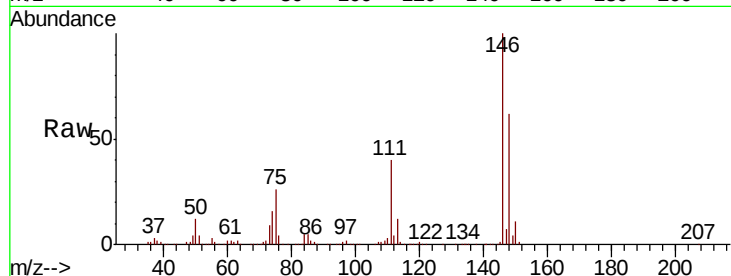
Tot Ion:146 Resp: 380447

Ion Ratio Lower Upper

146 100

111 40.2 20.1 60.3

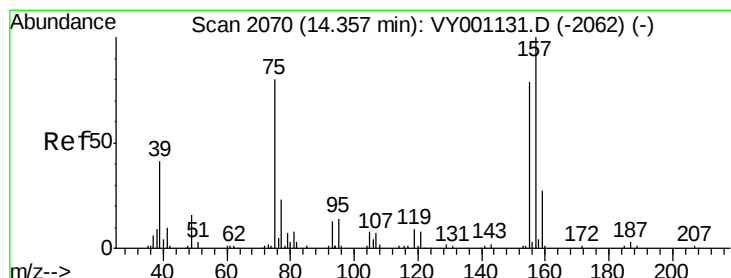
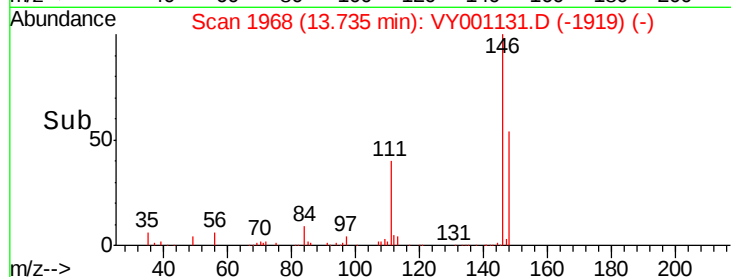
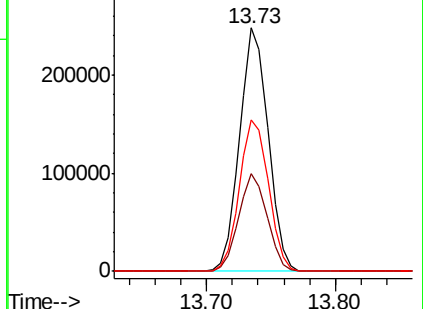
148 63.7 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 41.976 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VY001131.D

Acq: 02 Jan 2020 11:46

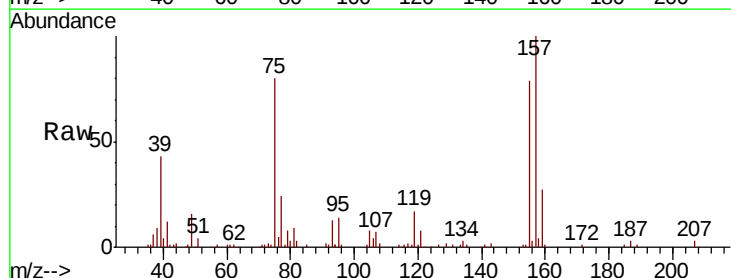
Tgt Ion: 75 Resp: 26026

Ion Ratio Lower Upper

75 100

155 100.9 50.4 151.3

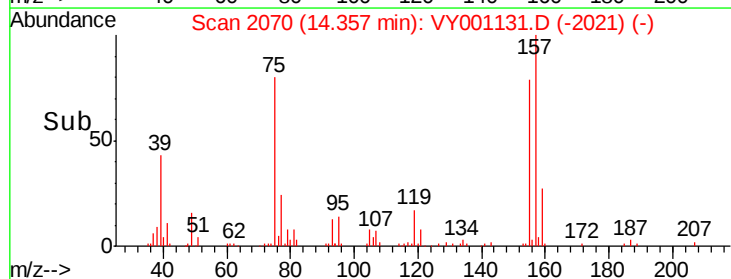
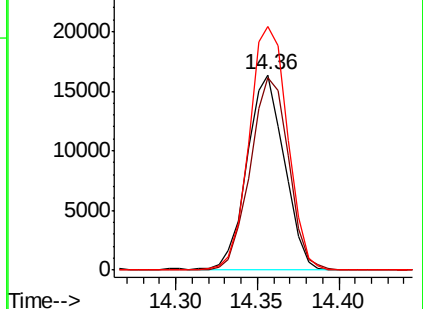
157 128.0 64.0 192.0

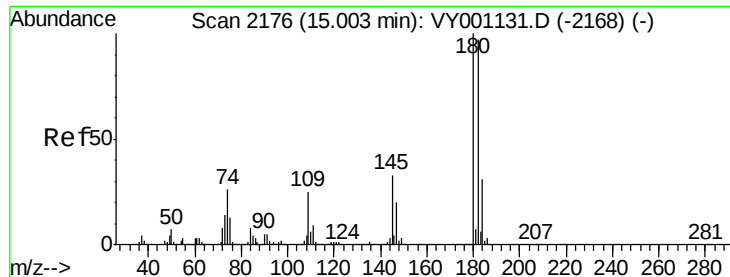


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

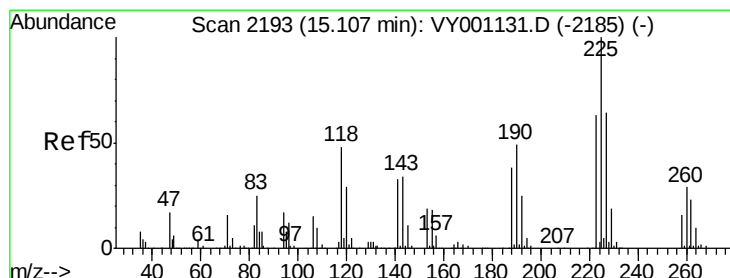
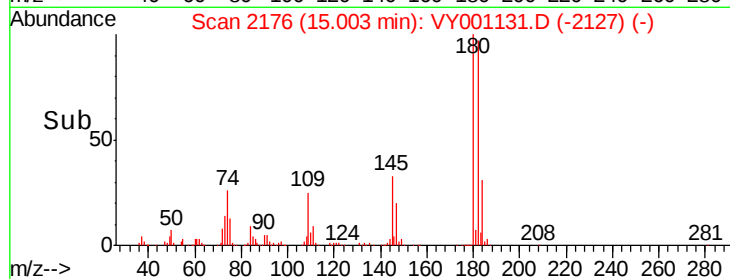
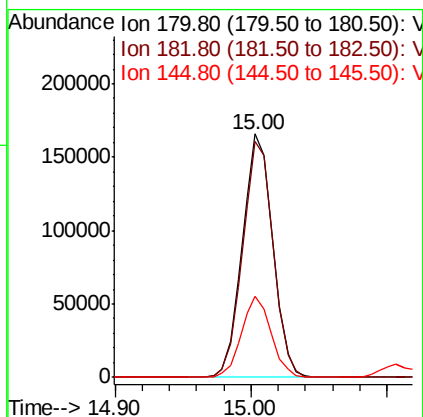
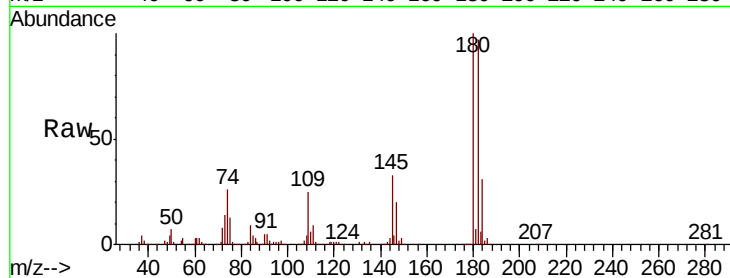




#93
 1,2,4-Trichlorobenzene
 Concen: 49.617 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY001131.D
 Acq: 02 Jan 2020 11:46

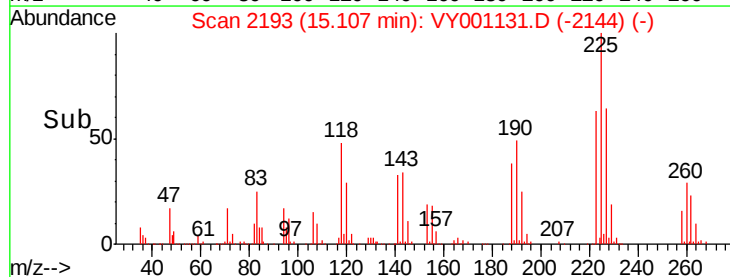
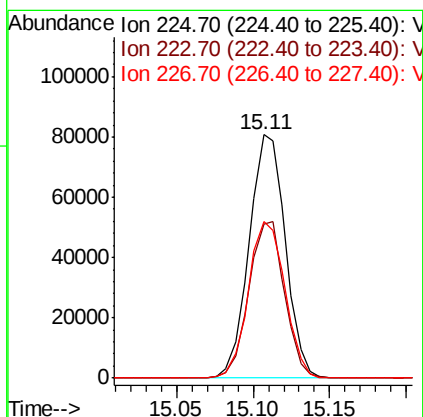
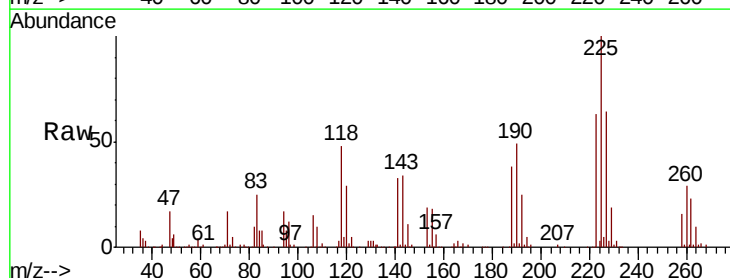
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

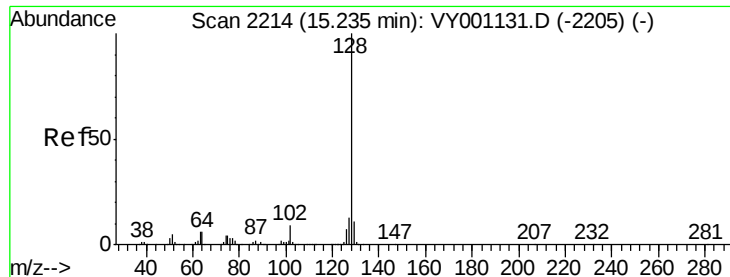
Tot Ion:180 Resp: 258878
 Ion Ratio Lower Upper
 180 100
 182 97.2 48.6 145.8
 145 32.2 16.1 48.3



#94
 Hexachlorobutadiene
 Concen: 52.936 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY001131.D
 Acq: 02 Jan 2020 11:46

Tgt Ion:225 Resp: 133069
 Ion Ratio Lower Upper
 225 100
 223 63.5 31.8 95.3
 227 65.1 32.6 97.7

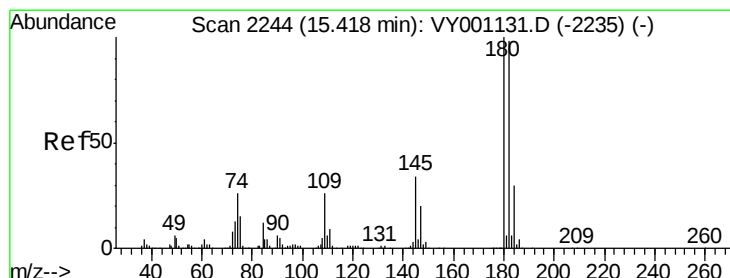
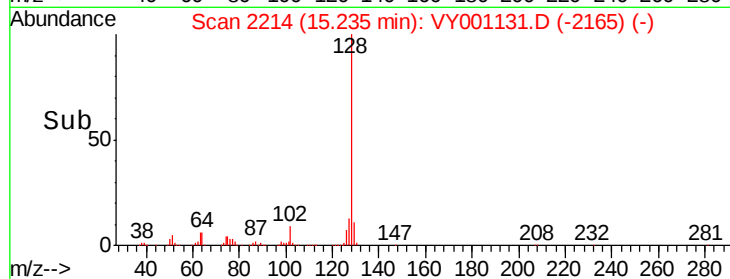
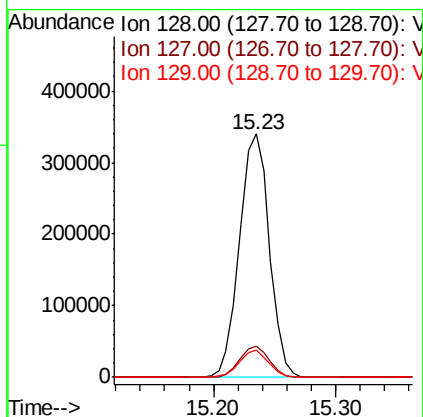
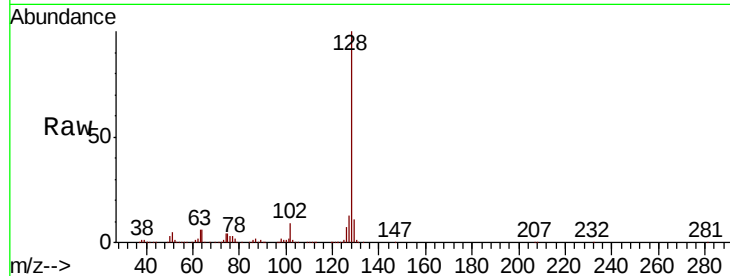




#95
Naphthalene
Concen: 47.301 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY001131.D
Acq: 02 Jan 2020 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion:128 Resp: 574414
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 49.806 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VY001131.D
Acq: 02 Jan 2020 11:46

Tgt Ion:180 Resp: 231737
Ion Ratio Lower Upper
180 100
182 95.5 47.8 143.3
145 33.0 16.5 49.5

