

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY080320\
 Data File : VY003429.D
 Acq On : 03 Aug 2020 20:02
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 04 01:38:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 31 13:09:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	486655	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	739791	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	699245	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	374836	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	246038	53.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.34%	
35) Dibromofluoromethane	7.72	113	227161	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	
50) Toluene-d8	10.18	98	866562	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	
62) 4-Bromofluorobenzene	12.48	95	301232	51.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	182340	45.757	ug/l	99
3) Chloromethane	2.12	50	204581	37.485	ug/l	97
4) Vinyl Chloride	2.25	62	258364	47.157	ug/l	95
5) Bromomethane	2.65	94	367974	90.919	ug/l	98
6) Chloroethane	2.79	64	168570	49.051	ug/l	97
7) Trichlorofluoromethane	3.13	101	365115	49.353	ug/l	100
8) Diethyl Ether	3.53	74	138433	53.736	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	219108	49.583	ug/l	100
10) Methyl Iodide	4.11	142	13916	2.713	ug/l	99
11) Tert butyl alcohol	4.96	59	126094	279.266	ug/l	99
12) 1,1-Dichloroethene	3.88	96	212743	49.628	ug/l	97
13) Acrolein	3.74	56	109058	223.937	ug/l	99
14) Allyl chloride	4.49	41	355449	49.506	ug/l	100
15) Acrylonitrile	5.17	53	354820	277.601	ug/l	100
16) Acetone	3.96	43	285434	249.664	ug/l	100
17) Carbon Disulfide	4.20	76	680096	48.666	ug/l	98
18) Methyl Acetate	4.48	43	165075	54.727	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	652700	55.079	ug/l	97
20) Methylene Chloride	4.72	84	272451	47.042	ug/l	96
21) trans-1,2-Dichloroethene	5.22	96	245616	50.683	ug/l	97
22) Diisopropyl ether	6.13	45	801600	53.139	ug/l	100
23) Vinyl Acetate	6.07	43	2705451	273.765	ug/l	98
24) 1,1-Dichloroethane	6.02	63	438233	51.841	ug/l	99
25) 2-Butanone	6.99	43	472818	271.383	ug/l	100
26) 2,2-Dichloropropane	6.99	77	357358	47.376	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	282378	53.028	ug/l	98
28) Bromochloromethane	7.34	49	170447	51.834	ug/l	98
29) Tetrahydrofuran	7.35	42	314530	276.699	ug/l	97
30) Chloroform	7.51	83	447442	53.364	ug/l	100
31) Cyclohexane	7.78	56	382746	46.664	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	390839	51.089	ug/l	99
36) 1,1-Dichloropropene	7.93	75	339546	48.502	ug/l	100
37) Ethyl Acetate	7.08	43	212475	53.376	ug/l	99
38) Carbon Tetrachloride	7.91	117	351933	48.854	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.18	83	416256	48.731	ug/l	98
40) Benzene	8.16	78	979154	50.409	ug/l	100
41) Methacrylonitrile	7.35	41	300417	131.642	ug/l #	47
42) 1,2-Dichloroethane	8.24	62	311052	52.579	ug/l	100
43) Isopropyl Acetate	8.27	43	403030	53.641	ug/l	99
44) Trichloroethene	8.94	130	281479	50.386	ug/l	98
45) 1,2-Dichloropropane	9.22	63	260197	51.152	ug/l	99
46) Dibromomethane	9.31	93	152603	53.471	ug/l	99
47) Bromodichloromethane	9.50	83	361341	52.542	ug/l	98
48) Methyl methacrylate	9.29	41	183236	54.029	ug/l	98
49) 1,4-Dioxane	9.30	88	41494	1123.343	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	1068804	271.448	ug/l	99
52) Toluene	10.24	92	618164	50.743	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	385272	52.783	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	433448	52.400	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	215748	53.895	ug/l	98
56) Ethyl methacrylate	10.51	69	309128	55.780	ug/l	98
57) 1,3-Dichloropropane	10.79	76	370966	53.322	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	639863	249.269	ug/l	99
59) 2-Hexanone	10.83	43	747887	272.550	ug/l	99
60) Dibromochloromethane	10.99	129	273528	54.409	ug/l	99
61) 1,2-Dibromoethane	11.09	107	210904	54.382	ug/l	99
64) Tetrachloroethene	10.72	164	288671	49.382	ug/l	99
65) Chlorobenzene	11.52	112	691931	50.427	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	273694	51.281	ug/l	99
67) Ethyl Benzene	11.59	91	1222207	49.399	ug/l	98
68) m/p-Xylenes	11.70	106	924105	99.074	ug/l	100
69) o-Xylene	12.03	106	440500	50.450	ug/l	98
70) Styrene	12.04	104	771381	51.631	ug/l	99
71) Bromoform	12.20	173	182453	52.606	ug/l #	98
73) Isopropylbenzene	12.33	105	1192620	49.229	ug/l	99
74) N-amyl acetate	12.14	43	377613	52.886	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	253250	52.776	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	342028	101.572	ug/l #	100
77) Bromobenzene	12.61	156	307855	50.014	ug/l	98
78) n-propylbenzene	12.67	91	1425707	49.172	ug/l	100
79) 2-Chlorotoluene	12.75	91	797293	49.560	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	1016959	49.999	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	93674	52.611	ug/l	97
82) 4-Chlorotoluene	12.85	91	828898	49.584	ug/l	100
83) tert-Butylbenzene	13.07	119	872748	49.424	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	1027669	50.269	ug/l	99
85) sec-Butylbenzene	13.25	105	1227110	49.958	ug/l	100
86) p-Isopropyltoluene	13.37	119	1147001	49.927	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	590144	50.192	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	578639	49.915	ug/l	100
89) n-Butylbenzene	13.69	91	1076276	49.573	ug/l	99
90) Hexachloroethane	13.96	117	223735	50.838	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	530866	51.148	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	40683	52.624	ug/l	98

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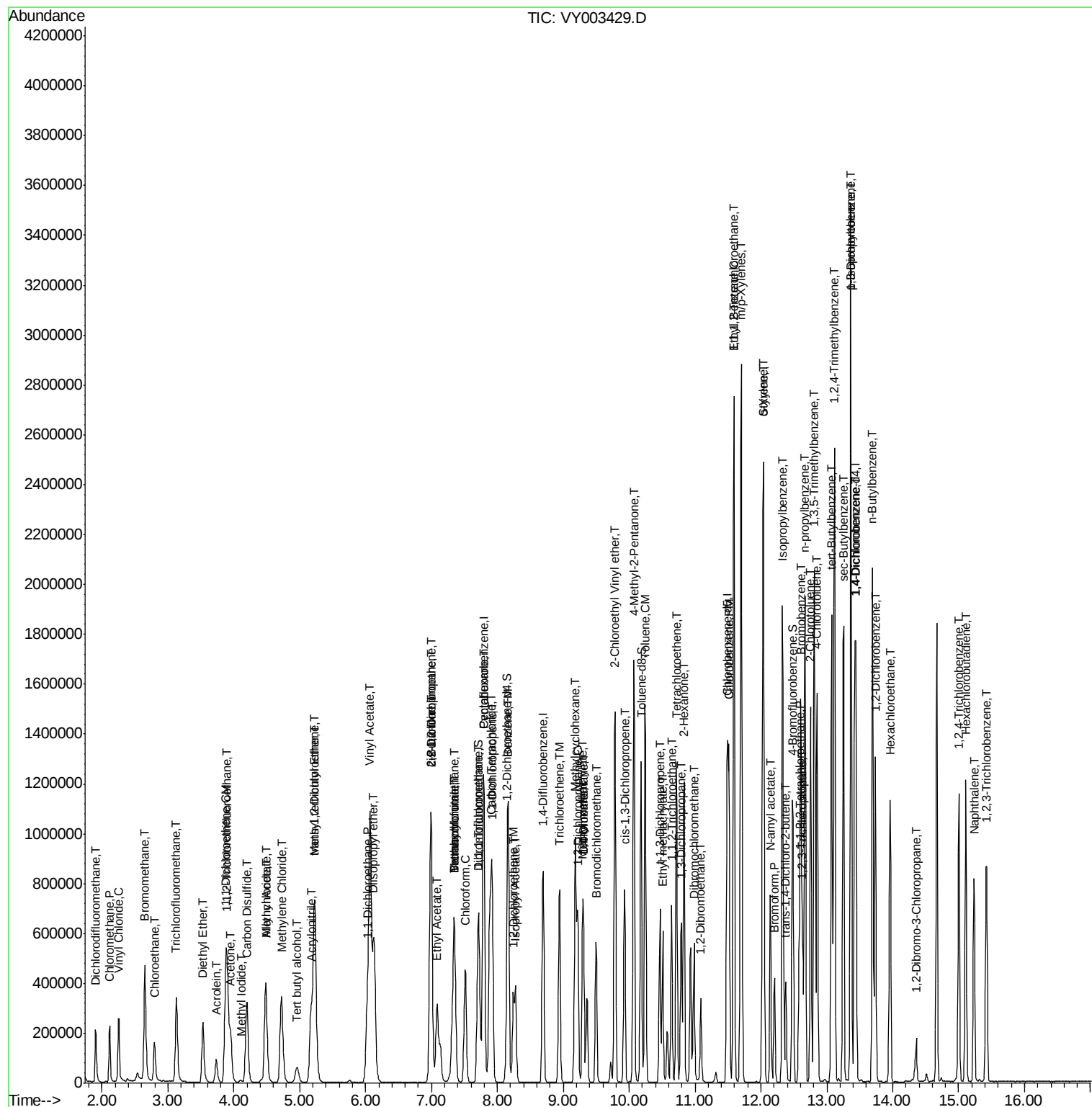
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	375954	51.115	ug/l	99
94) Hexachlorobutadiene	15.11	225	239333	49.135	ug/l	99
95) Naphthalene	15.23	128	669275	53.718	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	309565	52.023	ug/l	100

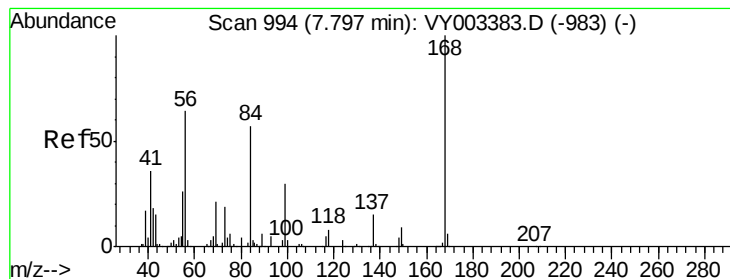
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY080320\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003429.D

Acq: 03 Aug 2020 20:02

Instrument :

MSVOA_Y

ClientSampleId :

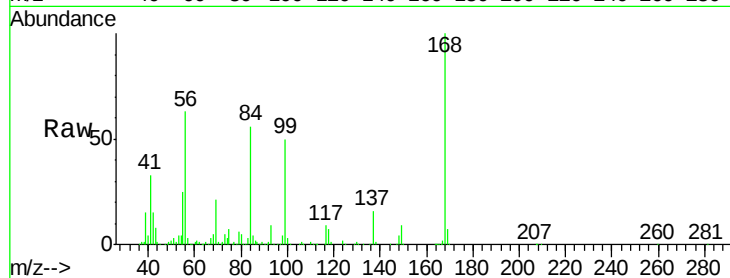
VSTDCCC050EC

Tot Ion:168 Resp: 486655

Ion Ratio Lower Upper

168 100

99 50.0 38.8 58.2



Abundance Ion 167.90 (167.60 to 168.60): VY003383.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003383.D (-983) (-)

7.80

250000

200000

150000

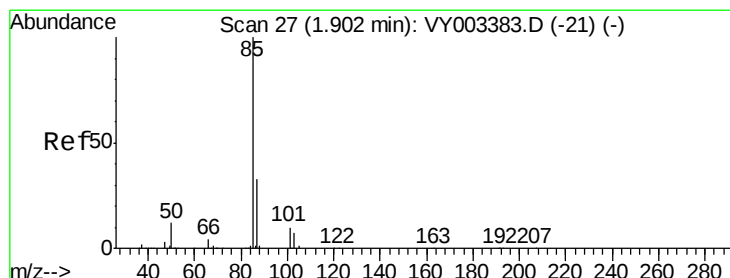
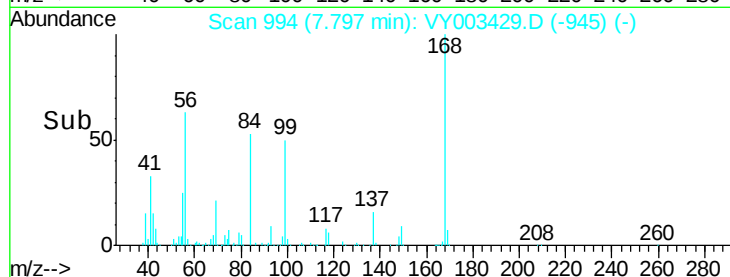
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 45.757 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY003429.D

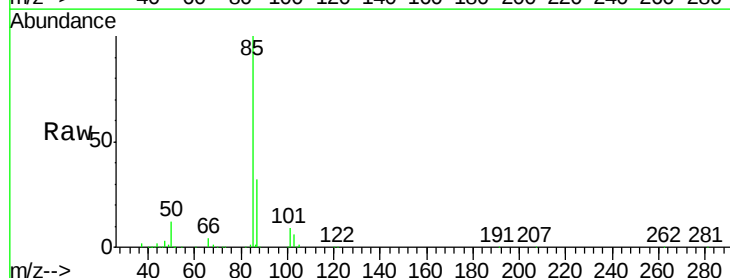
Acq: 03 Aug 2020 20:02

Tgt Ion: 85 Resp: 182340

Ion Ratio Lower Upper

85 100

87 32.3 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VY003383.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY003383.D (-21) (-)

1.90

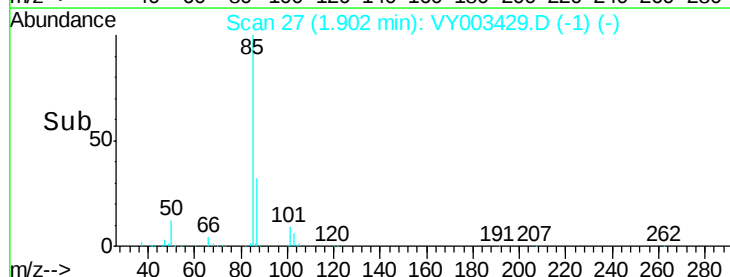
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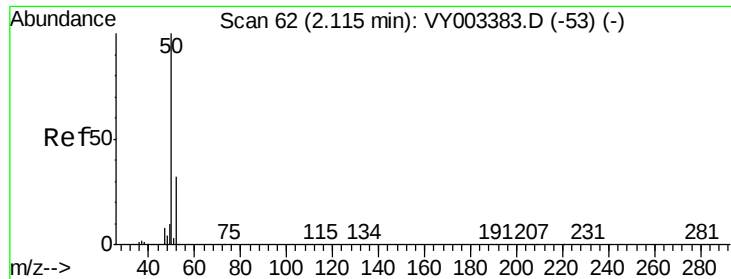
50000

0

1.80 1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 37.485 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003429.D

Acq: 03 Aug 2020 20:02

Instrument :

MSVOA_Y

ClientSampleId :

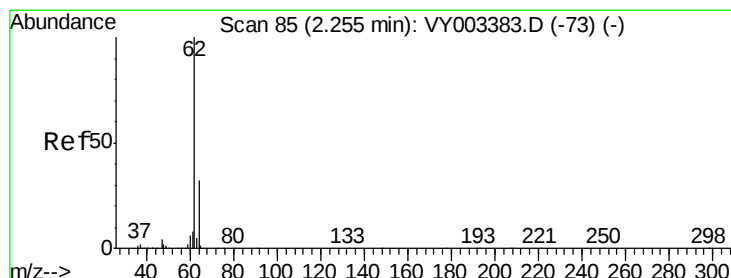
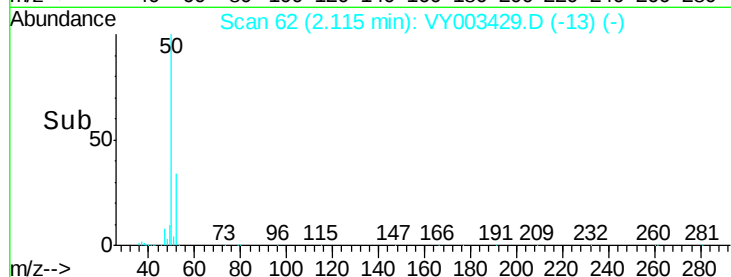
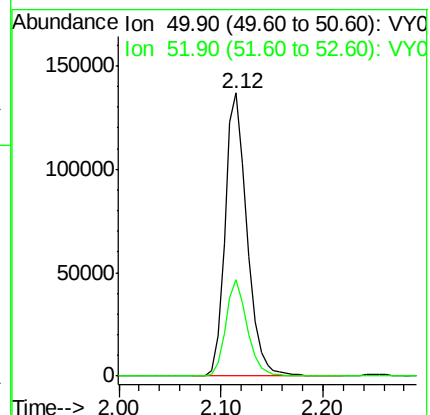
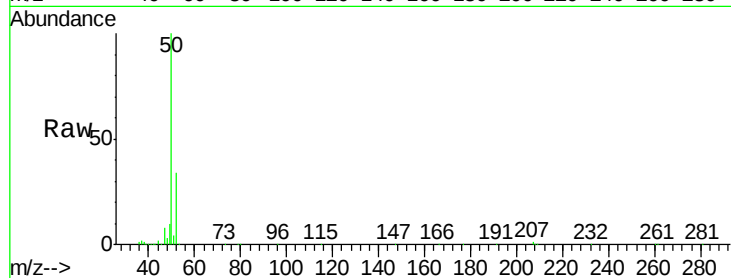
VSTDCCC050EC

Tot Ion: 50 Resp: 204581

Ion Ratio Lower Upper

50 100

52 33.9 25.9 38.9



#4

Vinyl Chloride

Concen: 47.157 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY003429.D

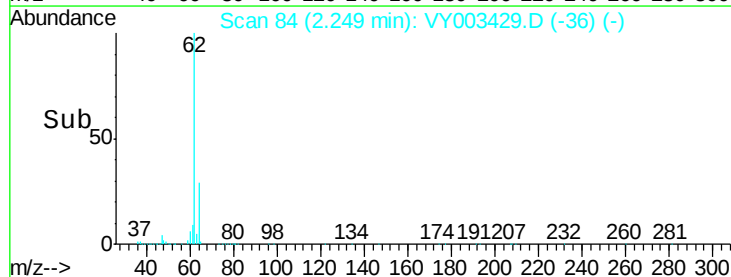
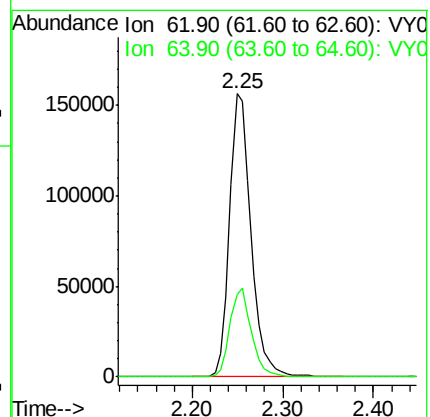
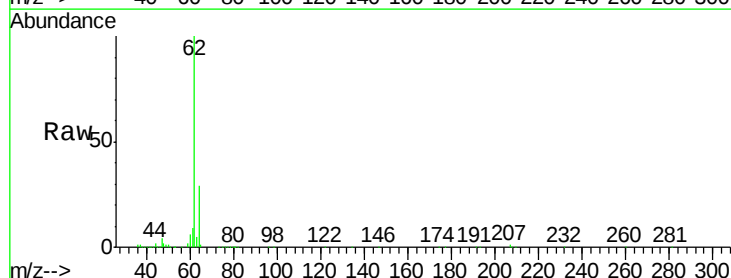
Acq: 03 Aug 2020 20:02

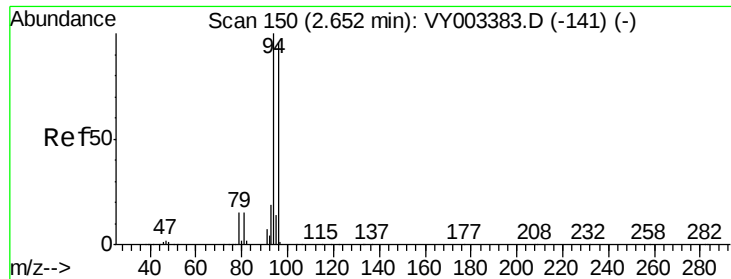
Tgt Ion: 62 Resp: 258364

Ion Ratio Lower Upper

62 100

64 29.2 25.7 38.5





#5

Bromomethane

Concen: 90.919 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY003429.D

Acq: 03 Aug 2020 20:02

Instrument :

MSVOA_Y

ClientSampleId :

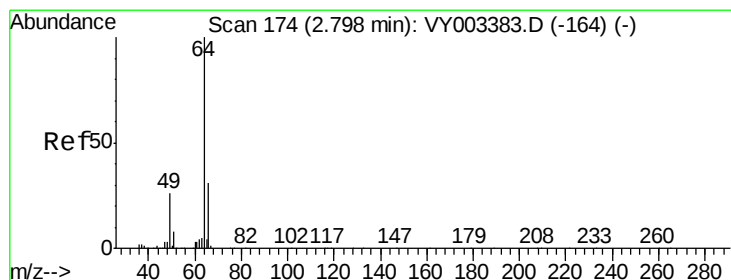
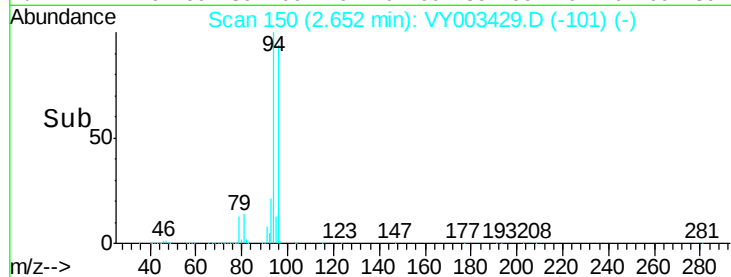
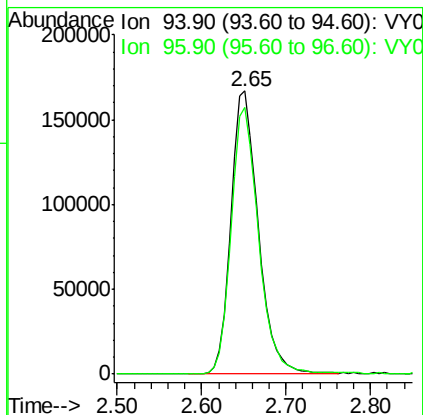
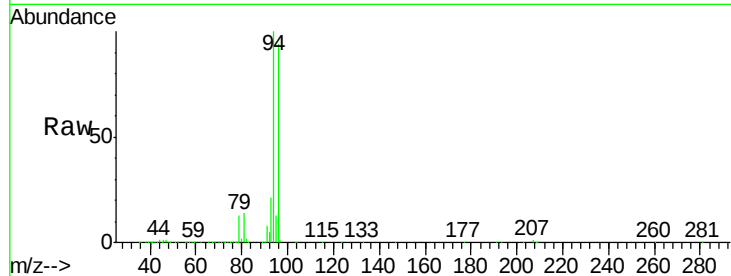
VSTDCCC050EC

Tot Ion: 94 Resp: 367974

Ion Ratio Lower Upper

94 100

96 94.1 76.6 115.0



#6

Chloroethane

Concen: 49.051 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003429.D

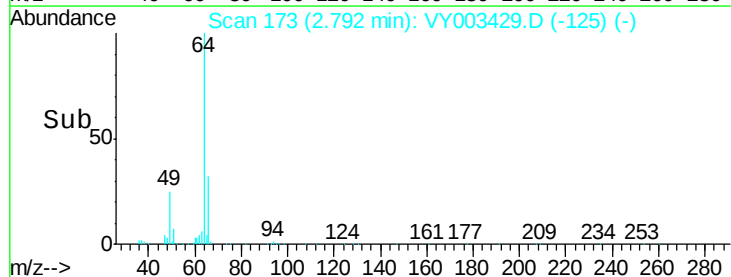
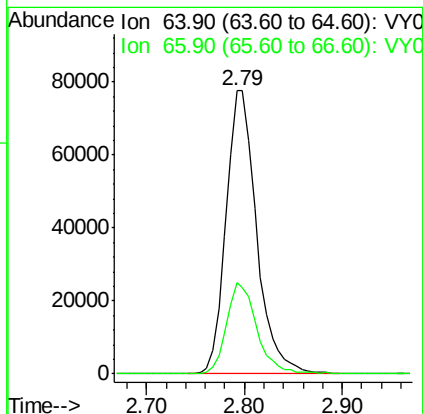
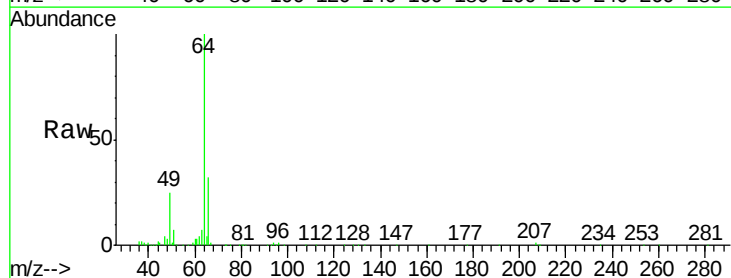
Acq: 03 Aug 2020 20:02

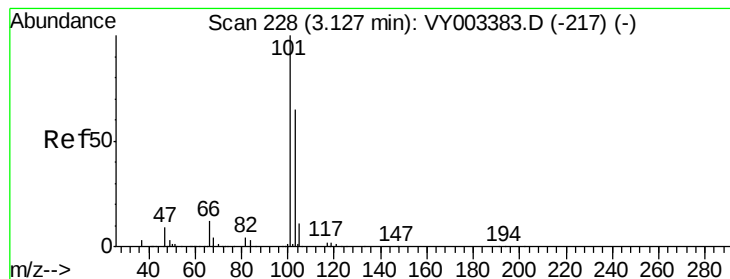
Tgt Ion: 64 Resp: 168570

Ion Ratio Lower Upper

64 100

66 32.5 24.7 37.1



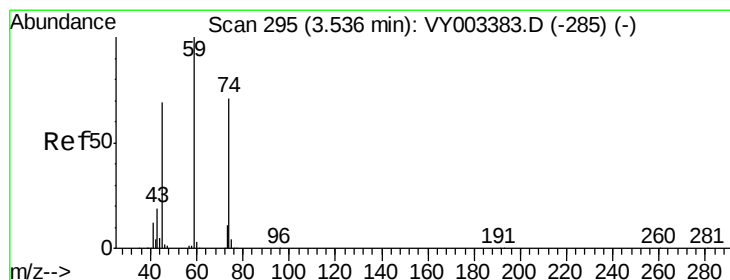
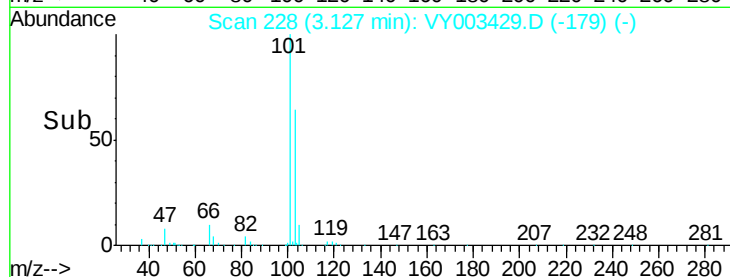
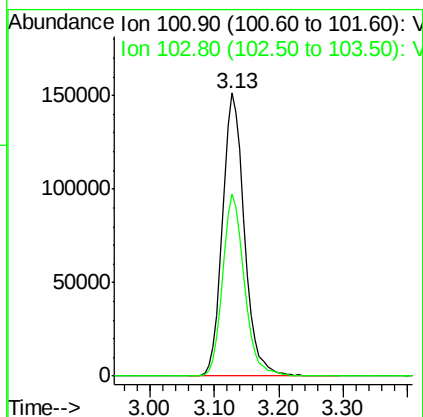
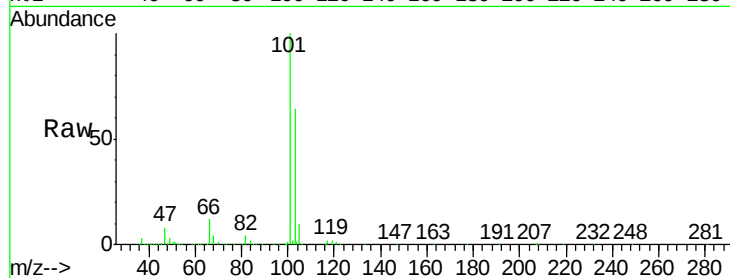


#7

Trichlorofluoromethane
Concen: 49.353 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY003429.D
Acq: 03 Aug 2020 20:02

Instrument :
MSVOA_Y
ClientSampleId :
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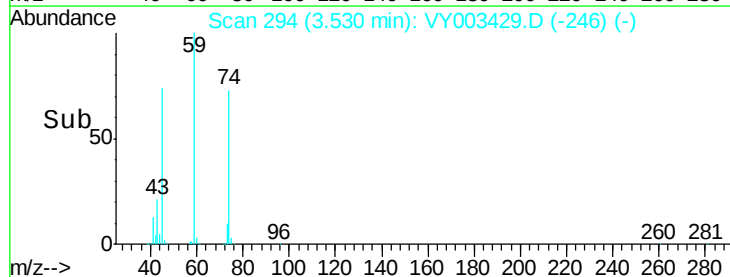
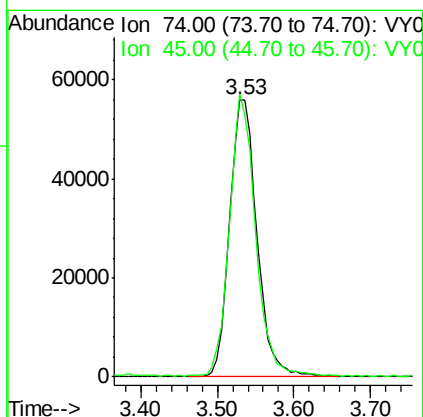
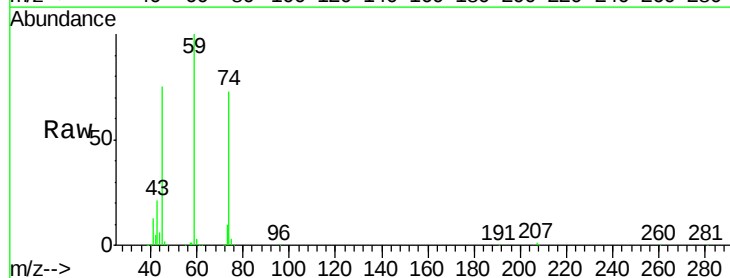
Tot Ion:101 Resp: 365115
Ion Ratio Lower Upper
101 100
103 64.3 51.8 77.6

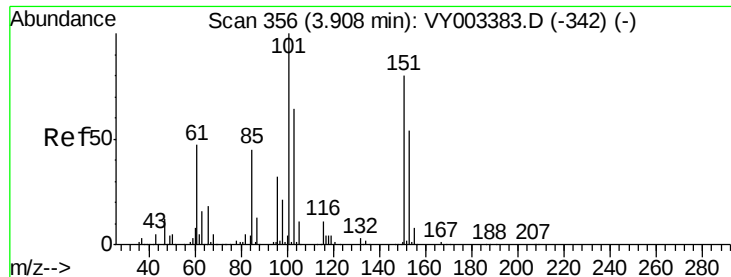


#8

Diethyl Ether
Concen: 53.736 ug/l
RT: 3.53 min Scan# 294
Delta R.T. -0.01 min
Lab File: VY003429.D
Acq: 03 Aug 2020 20:02

Tgt Ion: 74 Resp: 138433
Ion Ratio Lower Upper
74 100
45 96.9 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.583 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003429.D

Acq: 03 Aug 2020 20:02

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MSVOA_Y

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VSTDCCC050EC

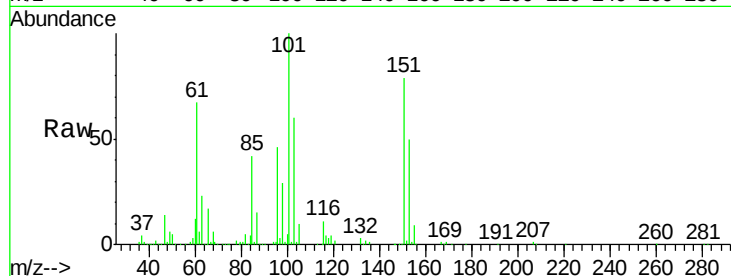
Tot Ion:101 Resp: 219108

Ion Ratio Lower Upper

101 100

85 44.1 35.7 53.5

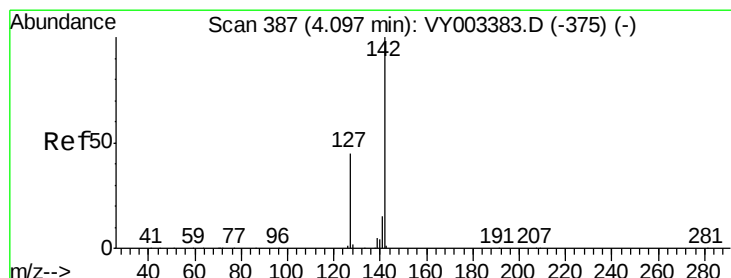
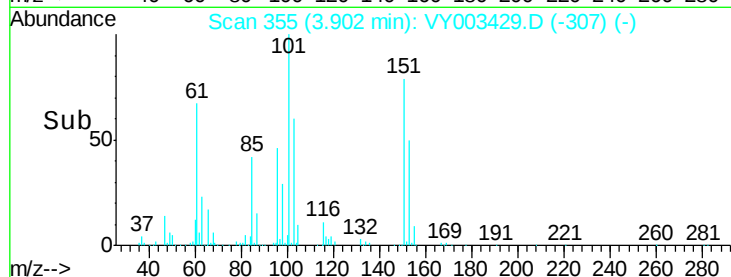
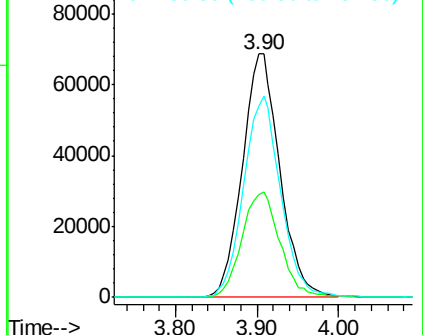
151 82.2 65.7 98.5



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: 2.713 ug/l

RT: 4.11 min Scan# 389

Delta R.T. 0.01 min

Lab File: VY003429.D

Acq: 03 Aug 2020 20:02

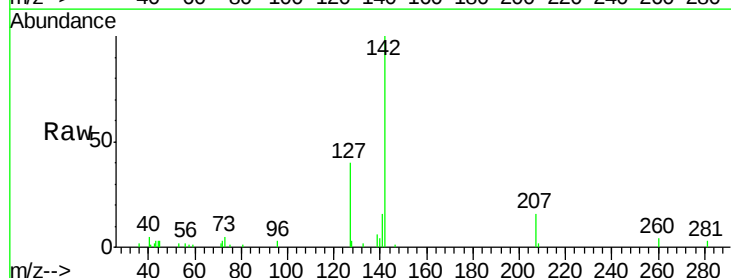
Tgt Ion:142 Resp: 13916

Ion Ratio Lower Upper

142 100

127 42.4 34.6 52.0

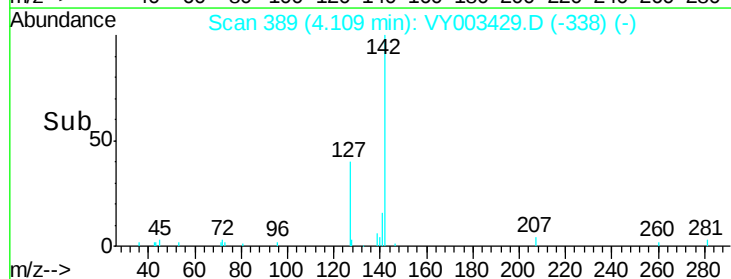
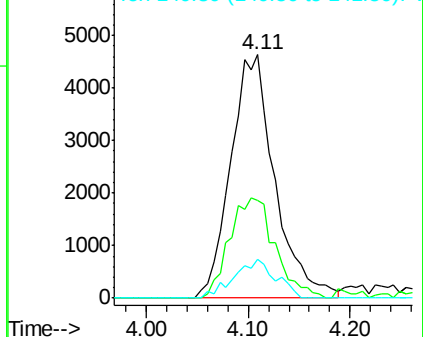
141 14.9 11.4 17.0

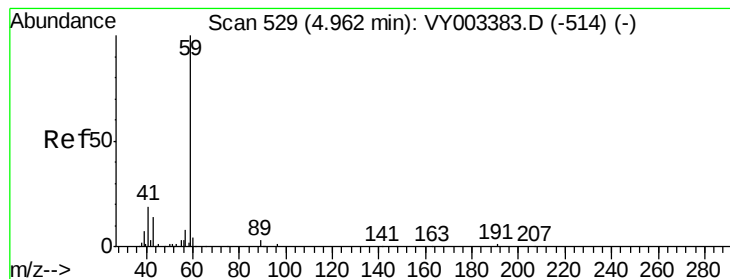


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



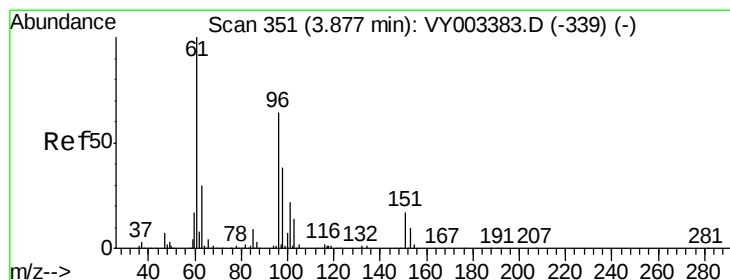
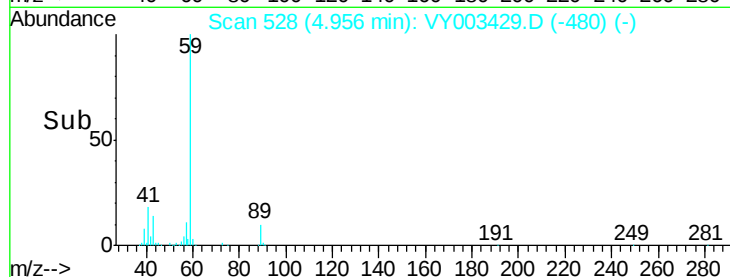
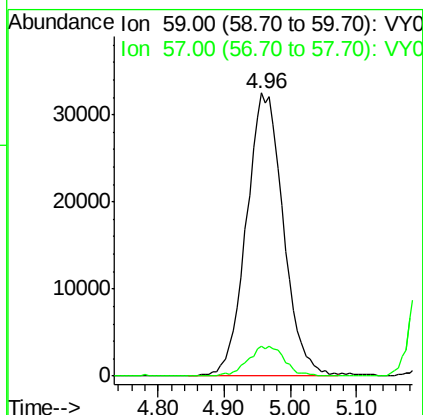
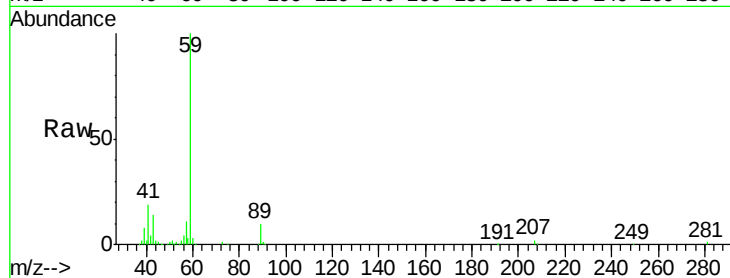


#11

Tert butyl alcohol
 Concen: 279.266 ug/l
 RT: 4.96 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: VY003429.D
 Acq: 03 Aug 2020 20:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

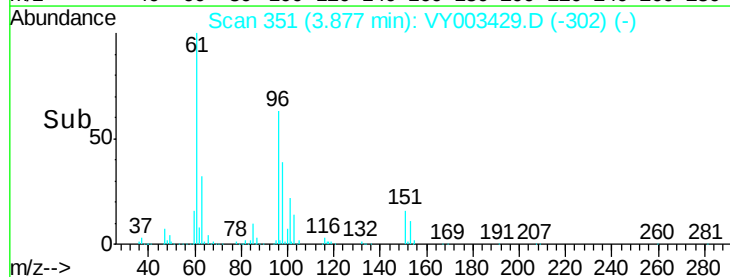
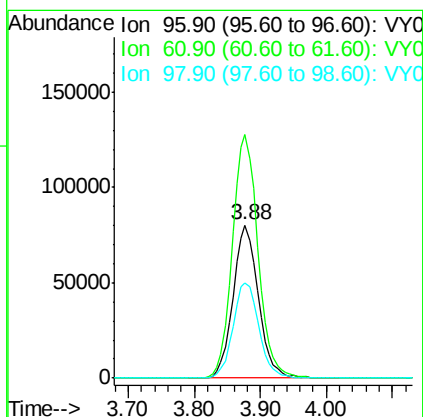
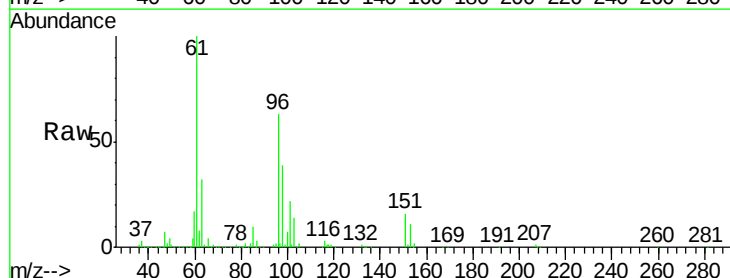
Tot Ion: 59 Resp: 126094
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.0 12.0

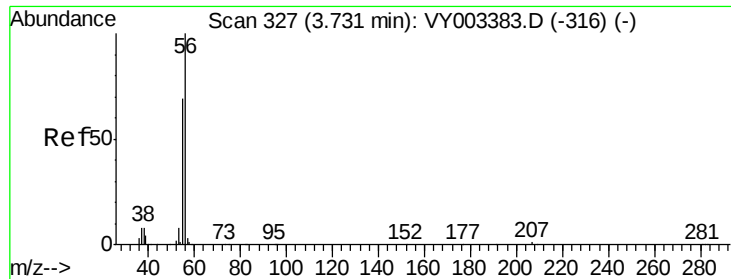


#12

1,1-Dichloroethene
 Concen: 49.628 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY003429.D
 Acq: 03 Aug 2020 20:02

Tgt Ion: 96 Resp: 212743
 Ion Ratio Lower Upper
 96 100
 61 159.0 124.7 187.1
 98 62.4 47.4 71.2





#13

Acrolein

Concen: 223.937 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY003429.D

Acq: 03 Aug 2020 20:02

Instrument :

MSVOA_Y

ClientSampleId :

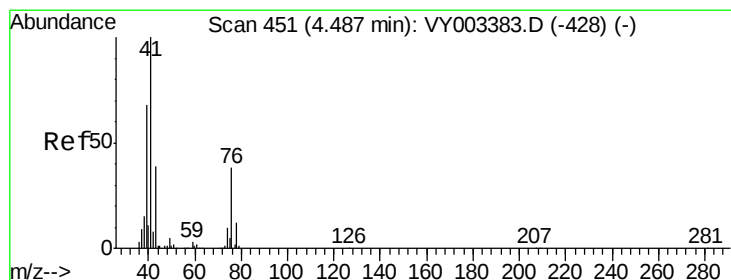
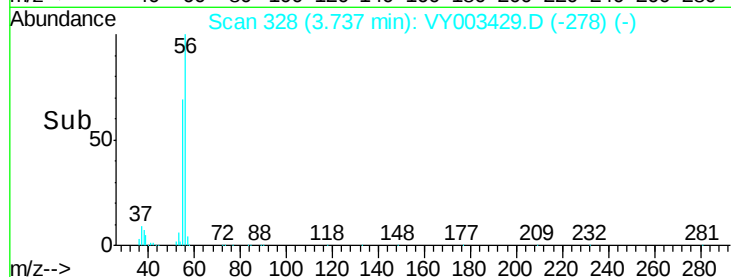
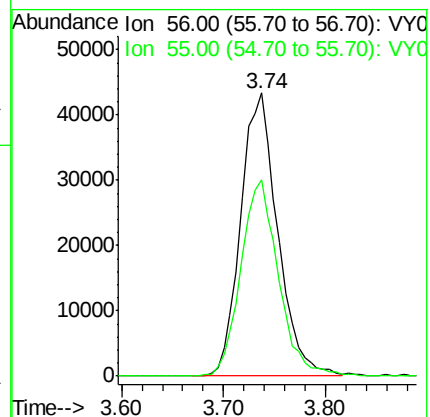
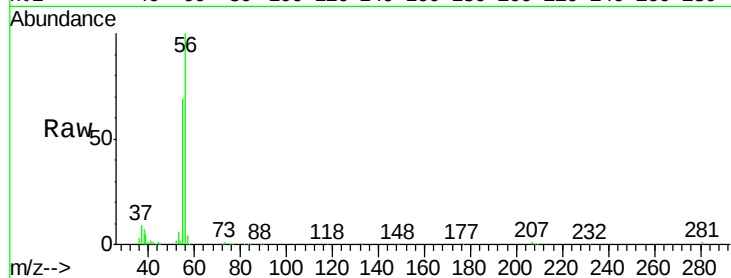
VSTDCCC050EC

Tot Ion: 56 Resp: 109058

Ion Ratio Lower Upper

56 100

55 70.4 55.5 83.3



#14

Allyl chloride

Concen: 49.506 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY003429.D

Acq: 03 Aug 2020 20:02

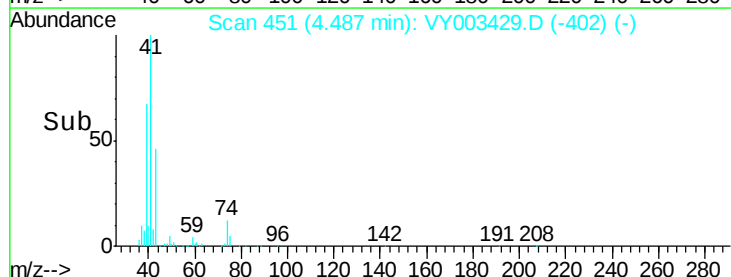
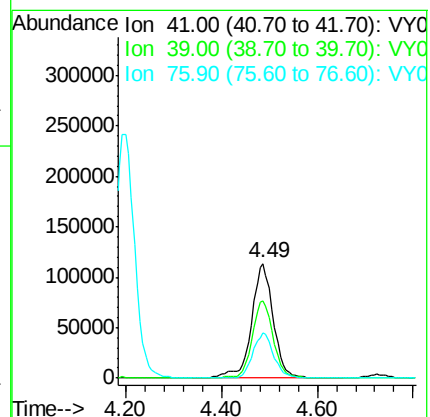
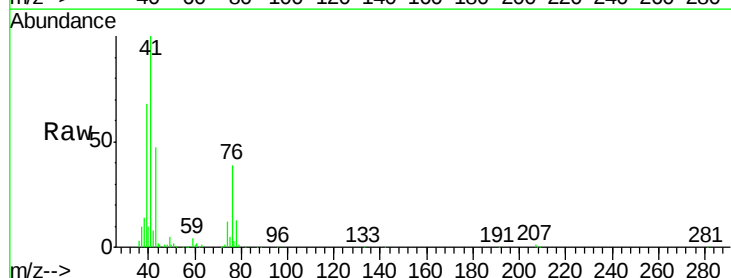
Tgt Ion: 41 Resp: 355449

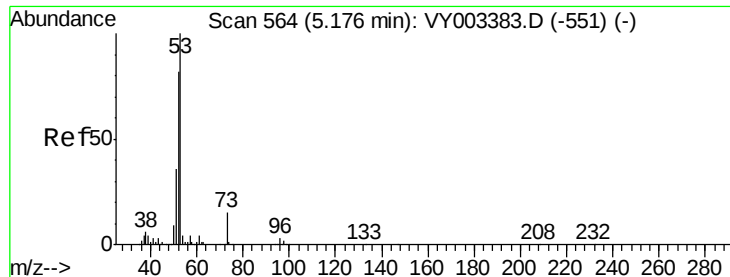
Ion Ratio Lower Upper

41 100

39 65.8 52.7 79.1

76 37.2 29.8 44.6





#15

Acrylonitrile

Concen: 277.601 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY003429.D

Acq: 03 Aug 2020 20:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

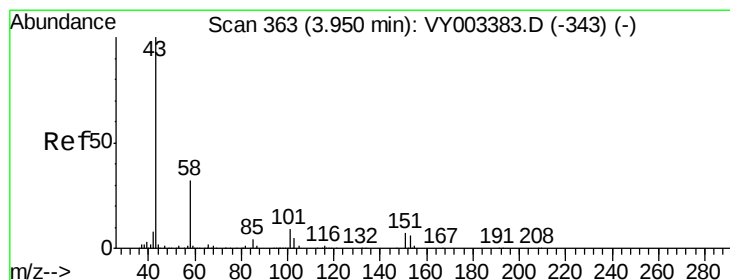
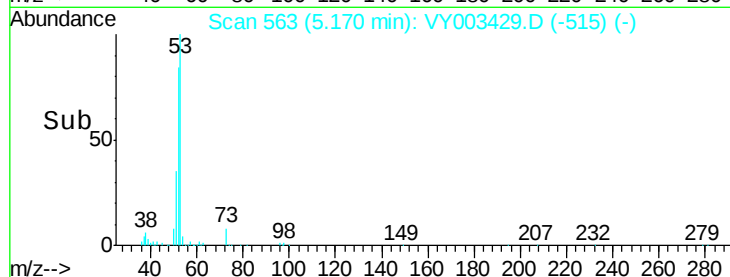
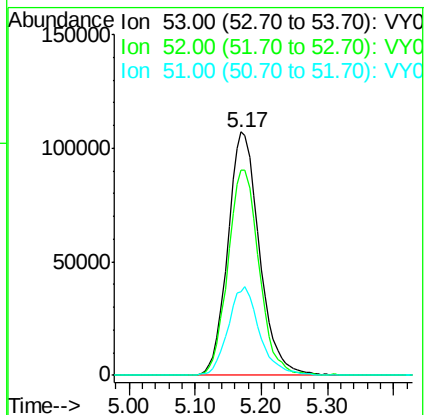
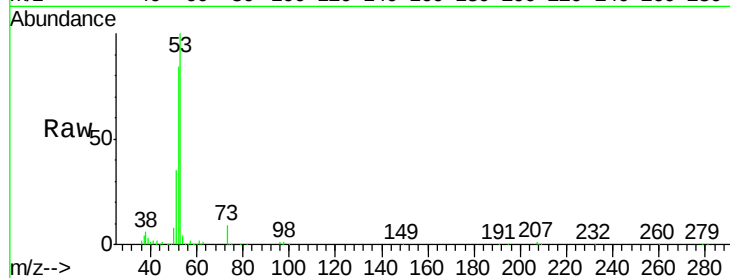
Tot Ion: 53 Resp: 354820

Ion Ratio Lower Upper

53 100

52 83.3 67.0 100.6

51 36.5 29.3 43.9



#16

Acetone

Concen: 249.664 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003429.D

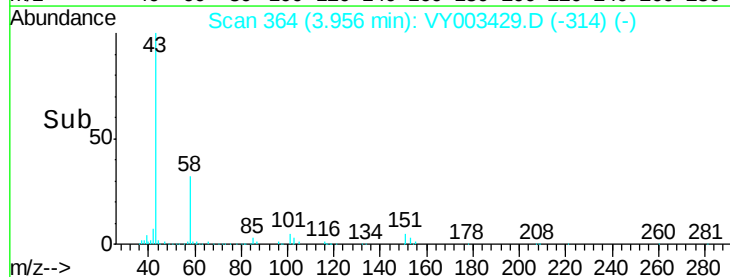
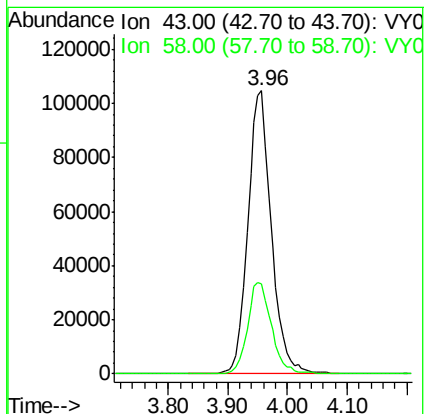
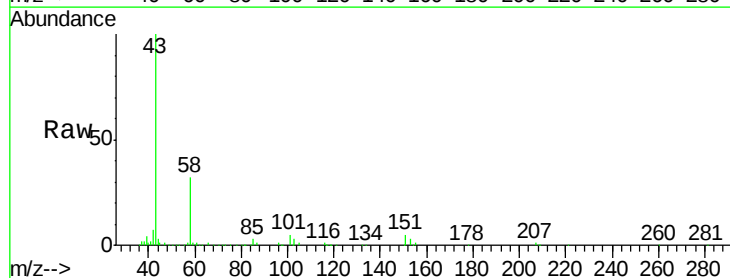
Acq: 03 Aug 2020 20:02

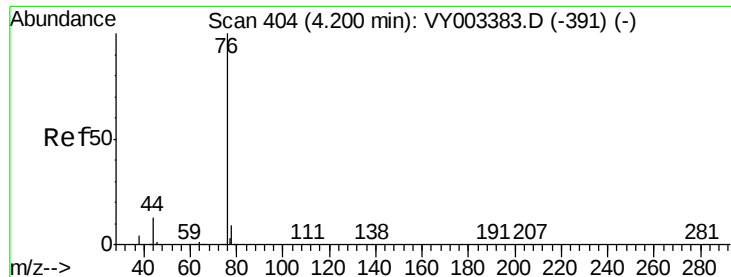
Tgt Ion: 43 Resp: 285434

Ion Ratio Lower Upper

43 100

58 31.9 25.4 38.2

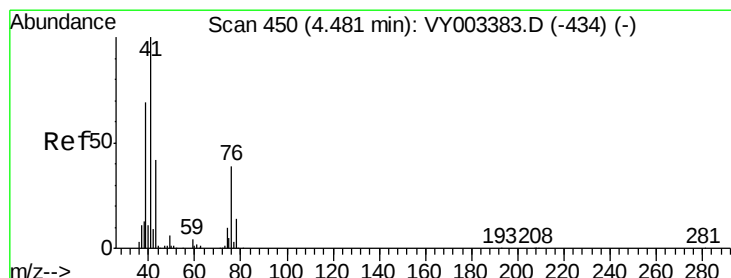
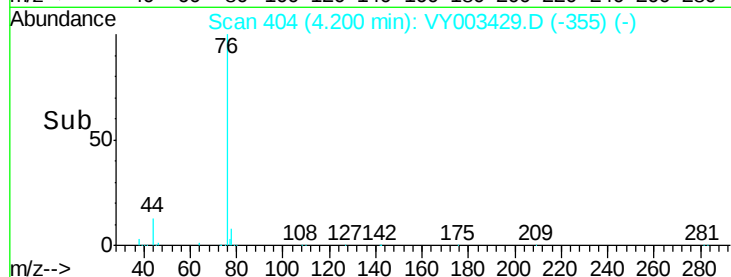
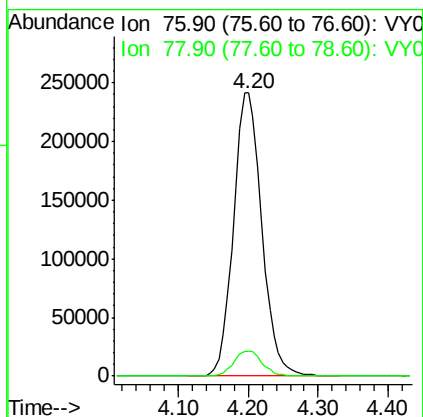
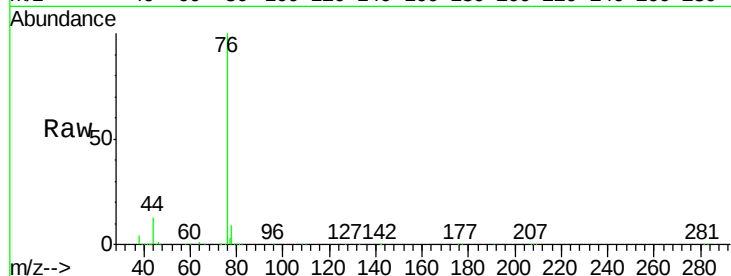




#17
Carbon Disulfide
Concen: 48.666 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY003429.D
Acq: 03 Aug 2020 20:02

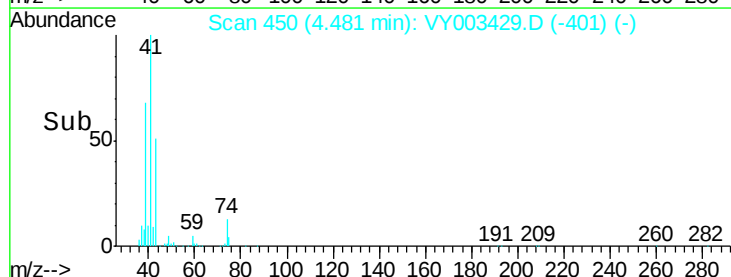
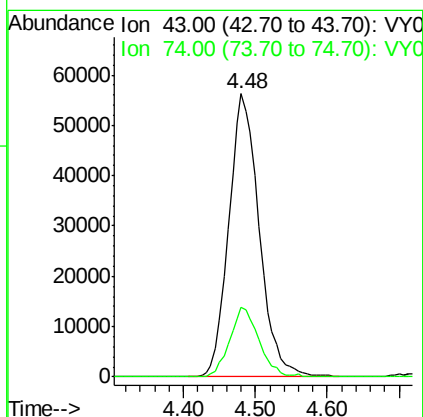
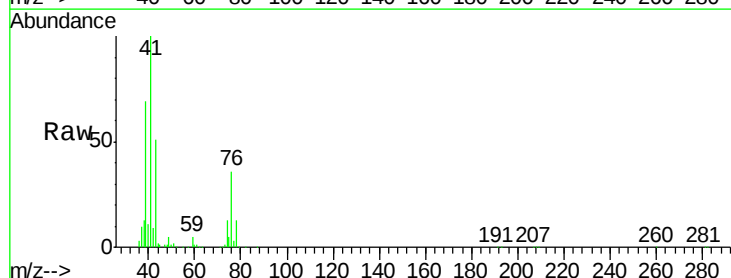
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

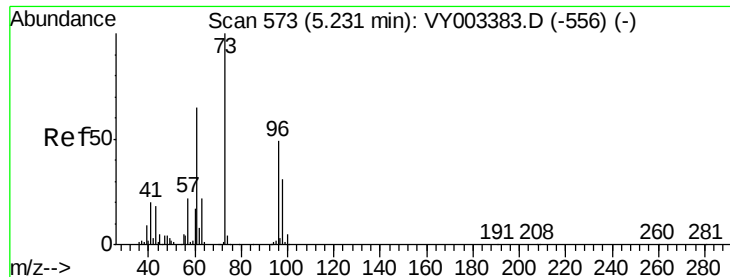
Tot Ion: 76 Resp: 680096
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3



#18
Methyl Acetate
Concen: 54.727 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.00 min
Lab File: VY003429.D
Acq: 03 Aug 2020 20:02

Tgt Ion: 43 Resp: 165075
Ion Ratio Lower Upper
43 100
74 23.7 19.2 28.8

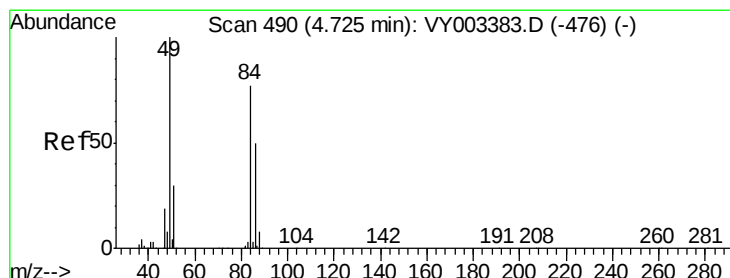
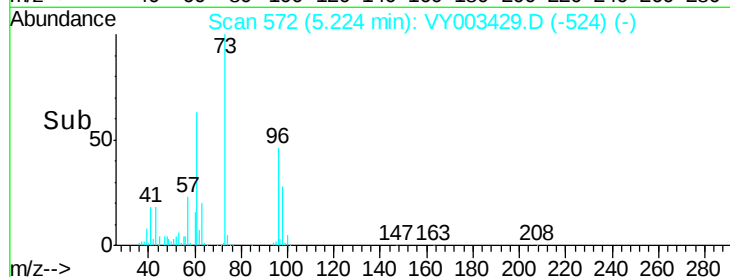
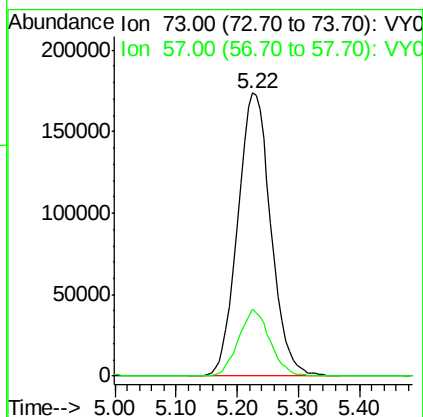
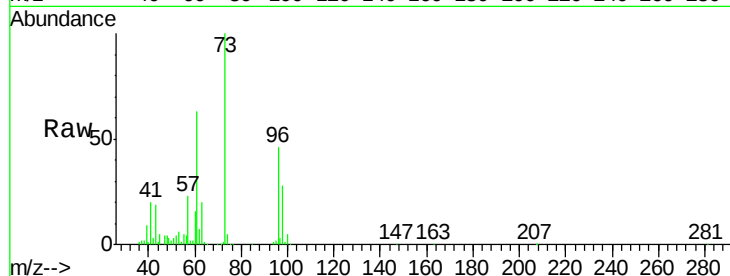




#19
Methvl tert-butvl Ether
Concen: 55.079 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY003429.D
Acq: 03 Aug 2020 20:02

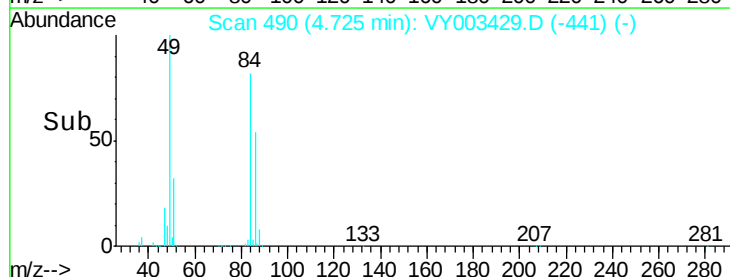
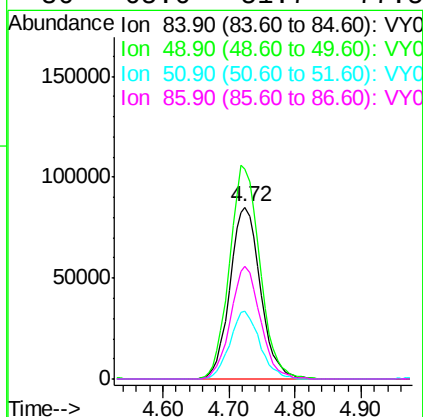
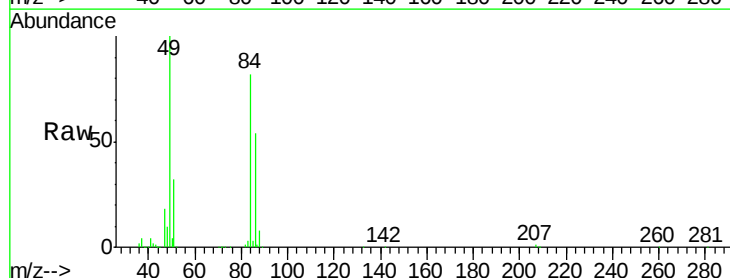
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

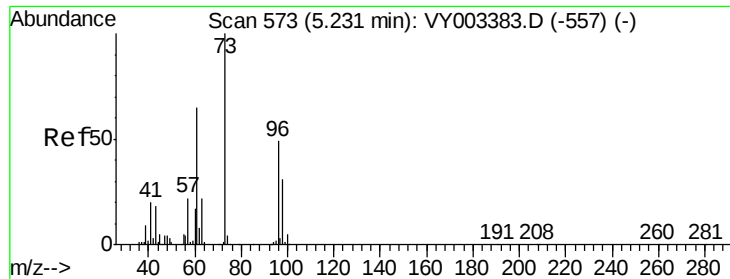
Tot Ion: 73 Resp: 652700
Ion Ratio Lower Upper
73 100
57 23.5 17.8 26.8



#20
Methylene Chloride
Concen: 47.042 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003429.D
Acq: 03 Aug 2020 20:02

Tgt Ion: 84 Resp: 272451
Ion Ratio Lower Upper
84 100
49 122.4 104.2 156.4
51 39.7 31.5 47.3
86 65.6 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 50.683 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY003429.D

Acq: 03 Aug 2020 20:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

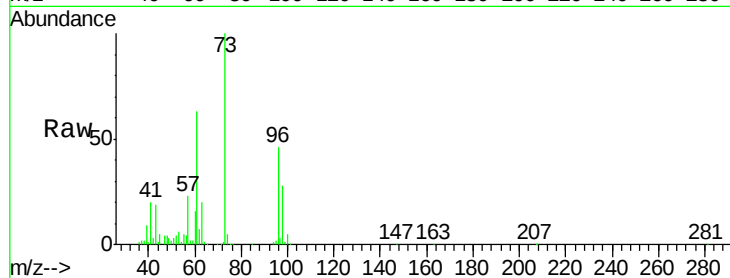
Tot Ion: 96 Resp: 245616

Ion Ratio Lower Upper

96 100

61 136.9 106.3 159.5

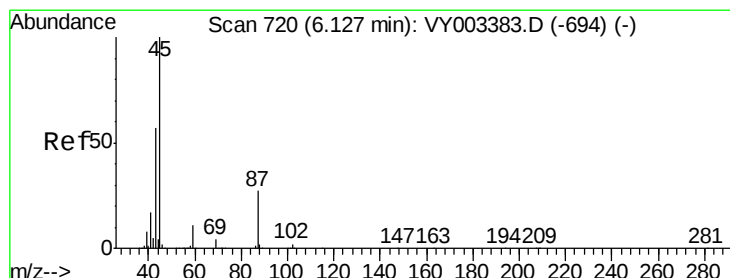
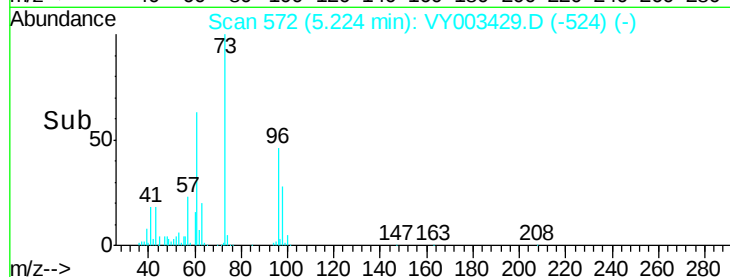
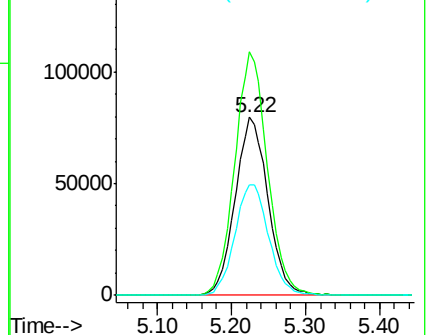
98 61.8 50.8 76.2



Abundance Ion 95.90 (95.60 to 96.60): VY003383.D (-557) (-)

Ion 60.90 (60.60 to 61.60): VY003383.D (-557) (-)

Ion 97.90 (97.60 to 98.60): VY003383.D (-557) (-)



#22

Diisopropyl ether

Concen: 53.139 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY003429.D

Acq: 03 Aug 2020 20:02

Tgt Ion: 45 Resp: 801600

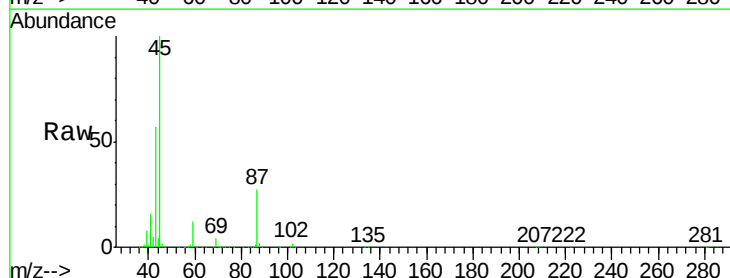
Ion Ratio Lower Upper

45 100

43 57.2 45.6 68.4

87 26.8 21.3 31.9

59 11.5 9.0 13.4

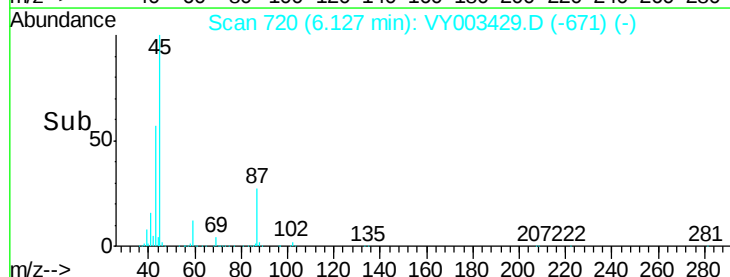
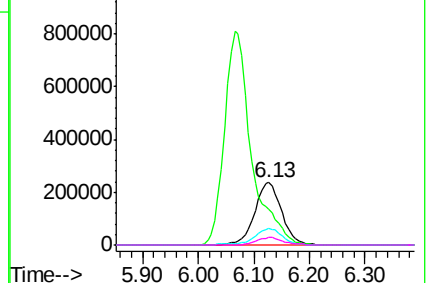


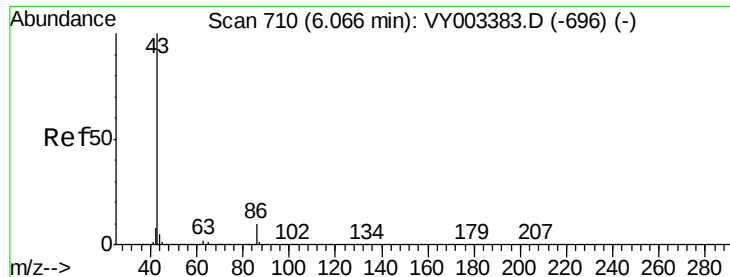
Abundance Ion 45.00 (44.70 to 45.70): VY003383.D (-694) (-)

Ion 43.00 (42.70 to 43.70): VY003383.D (-694) (-)

Ion 87.00 (86.70 to 87.70): VY003383.D (-694) (-)

Ion 59.00 (58.70 to 59.70): VY003383.D (-694) (-)





#23

Vinyl Acetate

Concen: 273.765 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.00 min

Lab File: VY003429.D

Acq: 03 Aug 2020 20:02

Instrument :

MSVOA_Y

ClientSampleId :

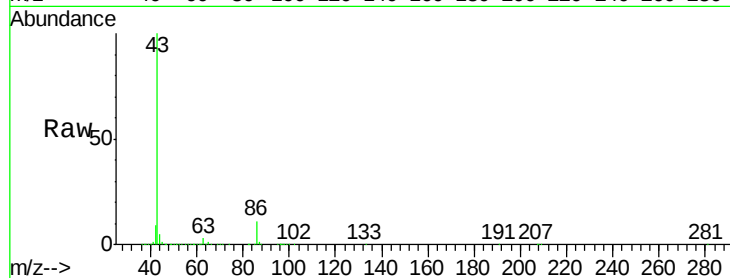
VSTDCCC050EC

Tot Ion: 43 Resp: 2705451

Ion Ratio Lower Upper

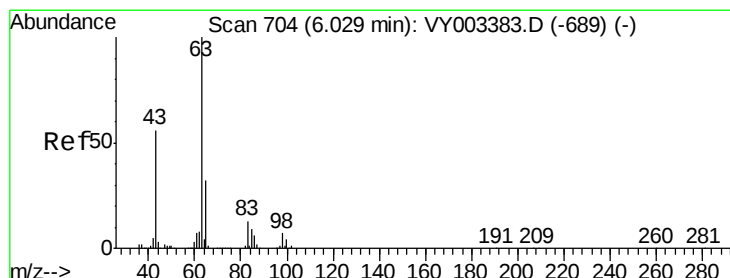
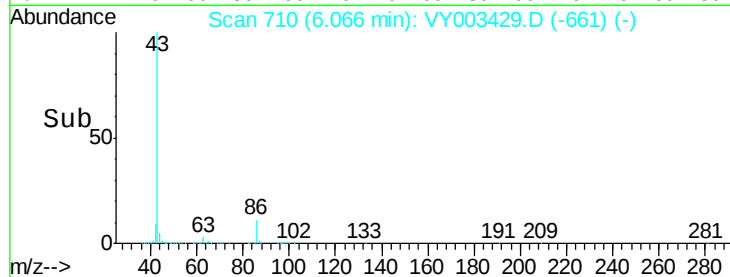
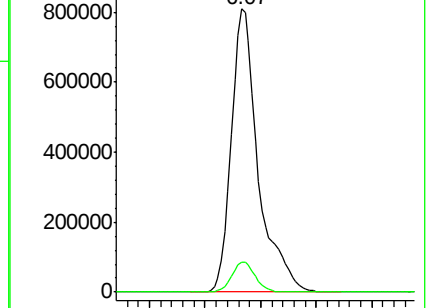
43 100

86 10.7 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 51.841 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY003429.D

Acq: 03 Aug 2020 20:02

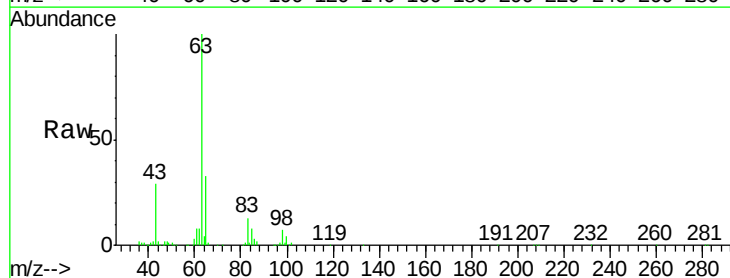
Tgt Ion: 63 Resp: 438233

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.6

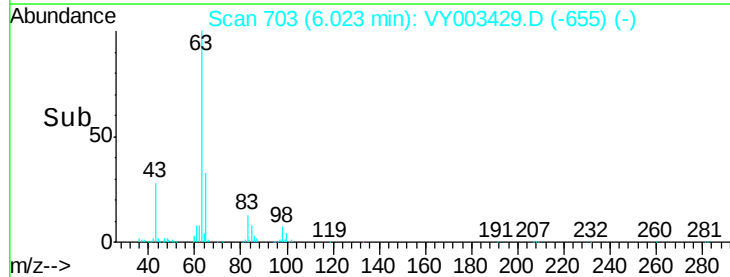
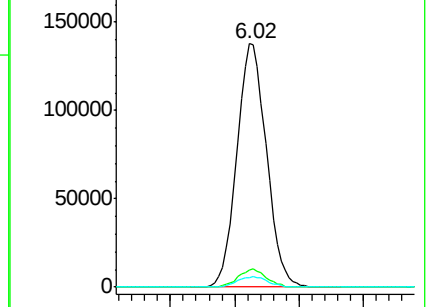
100 4.1 2.2 6.6

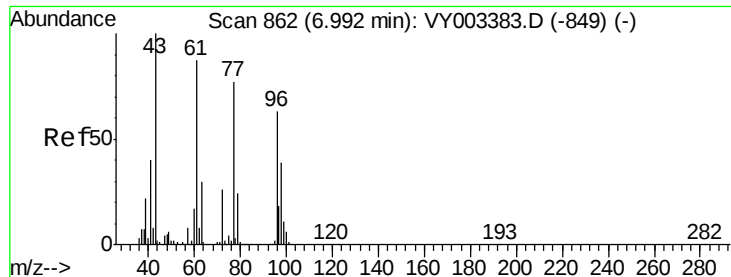


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

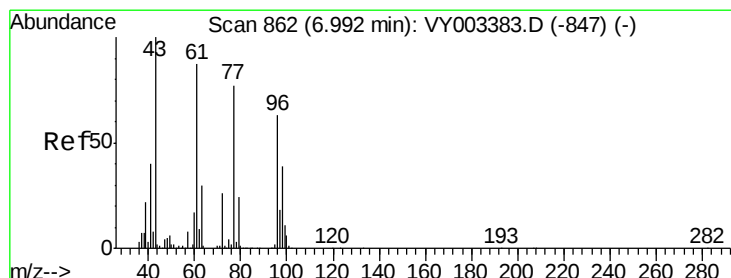
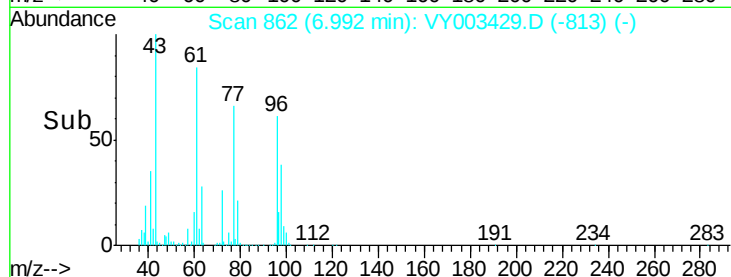
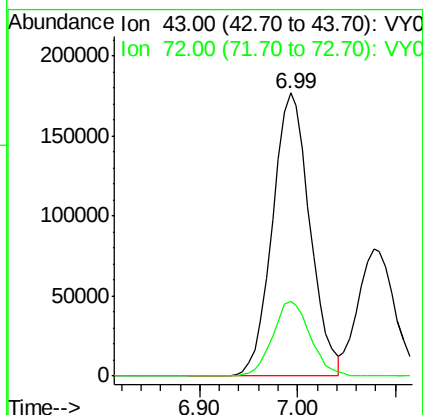
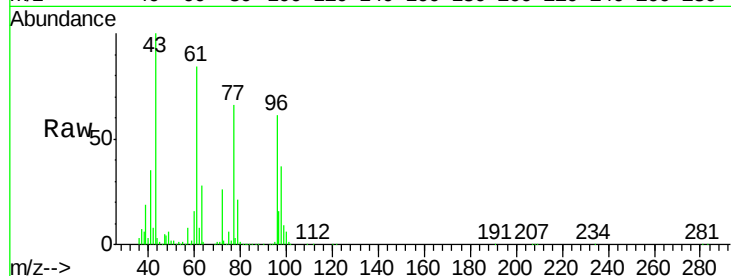




#25
2-Butanone
Concen: 271.383 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY003429.D
Acq: 03 Aug 2020 20:02

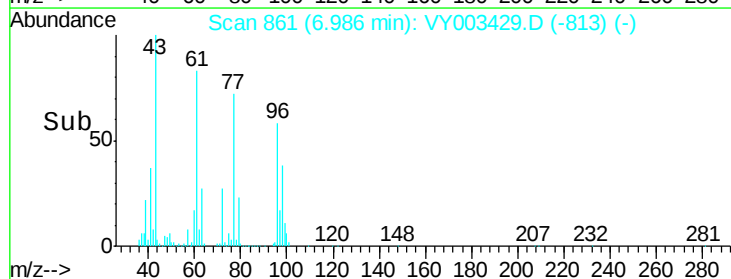
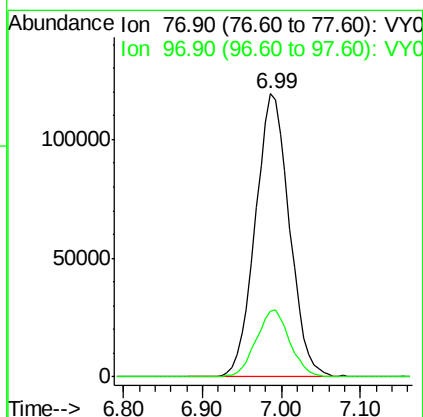
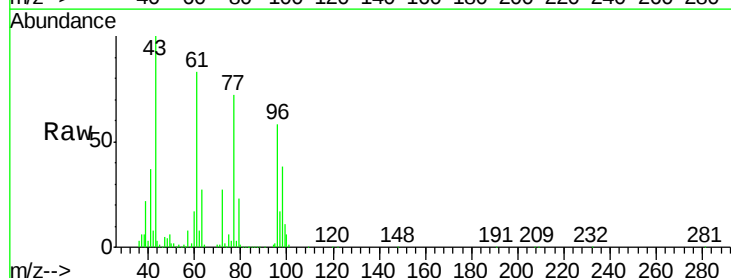
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

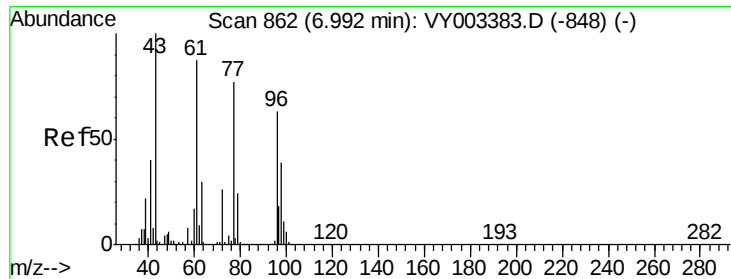
Tot Ion: 43 Resp: 472818
Ion Ratio Lower Upper
43 100
72 26.4 21.1 31.7



#26
2,2-Dichloropropane
Concen: 47.376 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY003429.D
Acq: 03 Aug 2020 20:02

Tgt Ion: 77 Resp: 357358
Ion Ratio Lower Upper
77 100
97 23.5 11.3 33.8



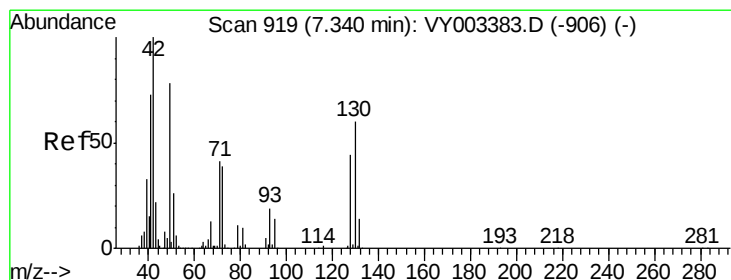
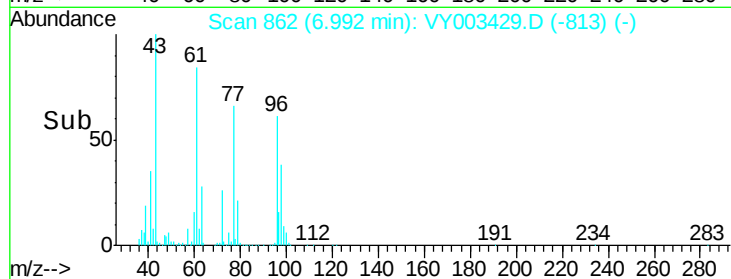
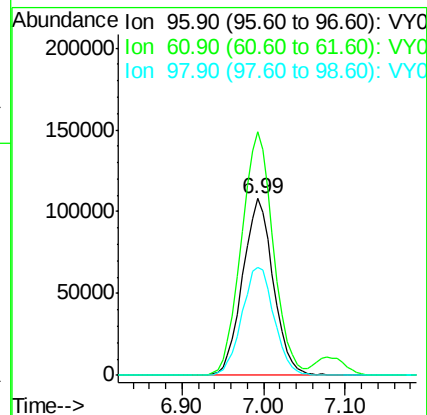
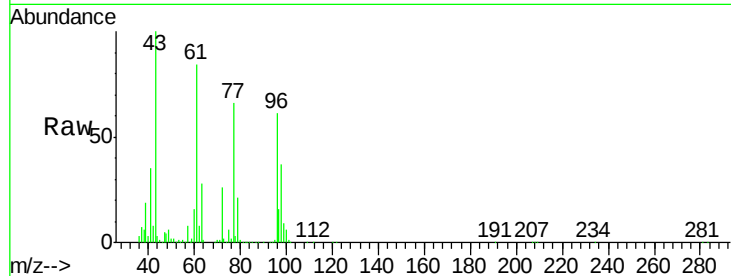


#27

cis-1,2-Dichloroethene
 Concen: 53.028 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: VY003429.D
 Acq: 03 Aug 2020 20:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

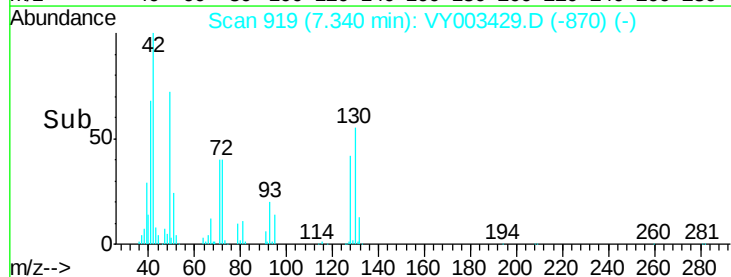
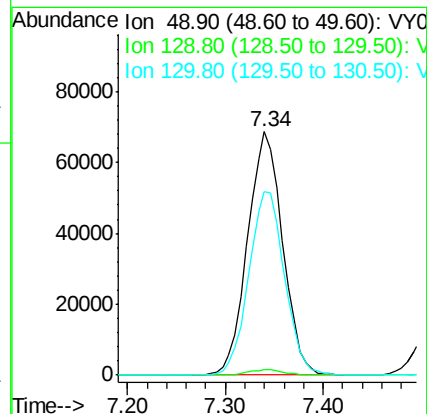
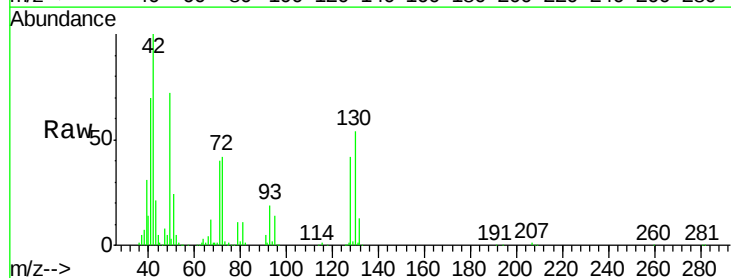
Tot Ion	Ratio	Lower	Upper
96	100		
61	142.3	0.0	290.0
98	64.0	0.0	129.0

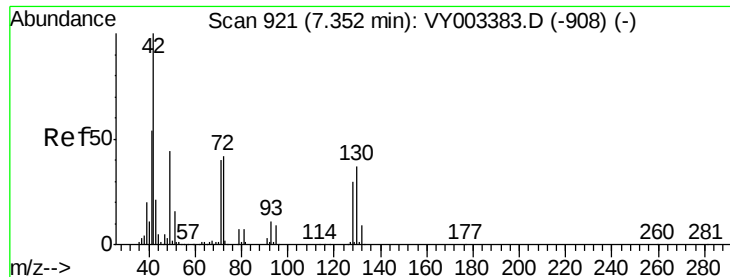


#28

Bromochloromethane
 Concen: 51.834 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VY003429.D
 Acq: 03 Aug 2020 20:02

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.4
130	77.1	60.3	90.5





#29

Tetrahydrofuran

Concen: 276.699 ug/l

RT: 7.35 min Scan# 921

Delta R.T. -0.00 min

Lab File: VY003429.D

Acq: 03 Aug 2020 20:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

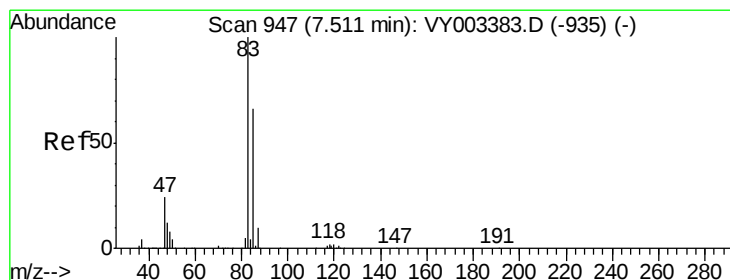
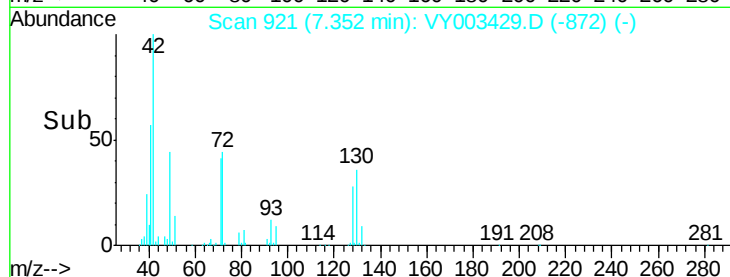
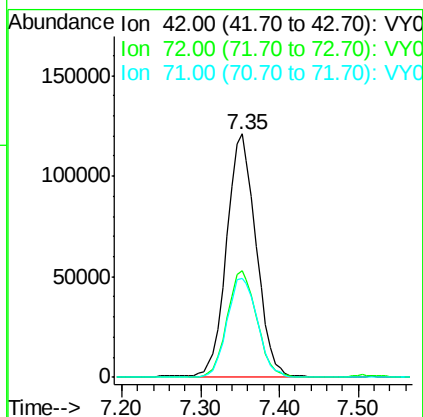
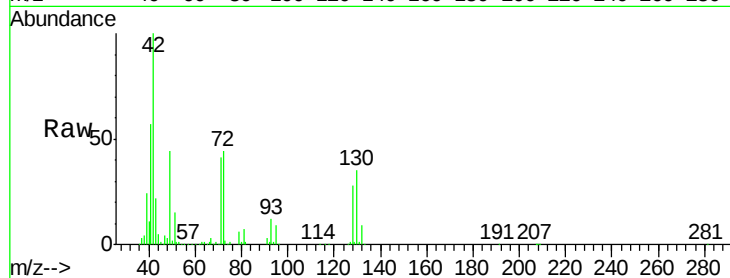
Tot Ion: 42 Resp: 314530

Ion Ratio Lower Upper

42 100

72 43.8 33.5 50.3

71 42.1 32.1 48.1



#30

Chloroform

Concen: 53.364 ug/l

RT: 7.51 min Scan# 947

Delta R.T. 0.00 min

Lab File: VY003429.D

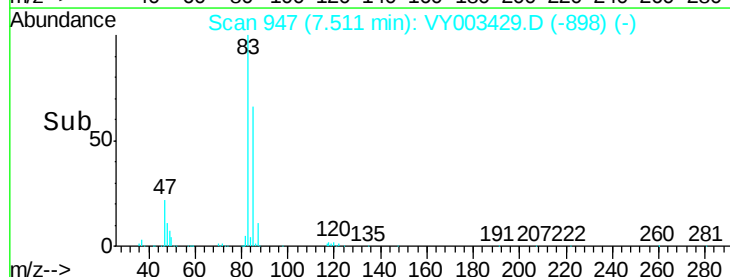
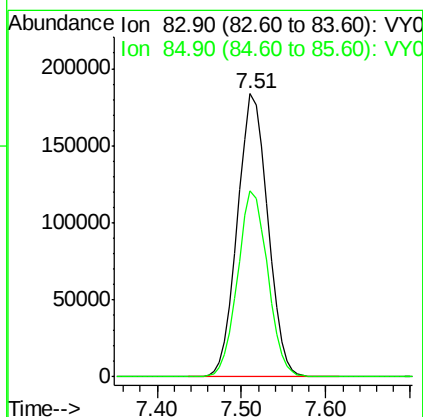
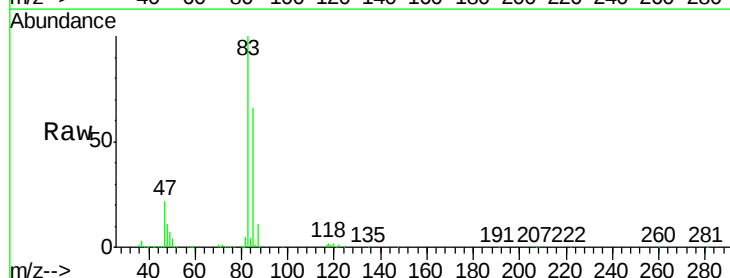
Acq: 03 Aug 2020 20:02

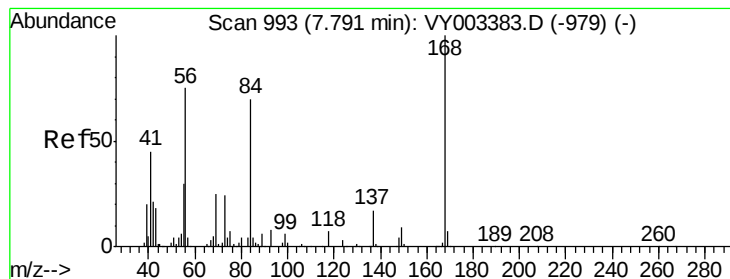
Tgt Ion: 83 Resp: 447442

Ion Ratio Lower Upper

83 100

85 65.6 52.5 78.7





#31

Cyclohexane

Concen: 46.664 ug/l

RT: 7.78 min Scan# 992

Delta R.T. -0.01 min

Lab File: VY003429.D

Acq: 03 Aug 2020 20:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

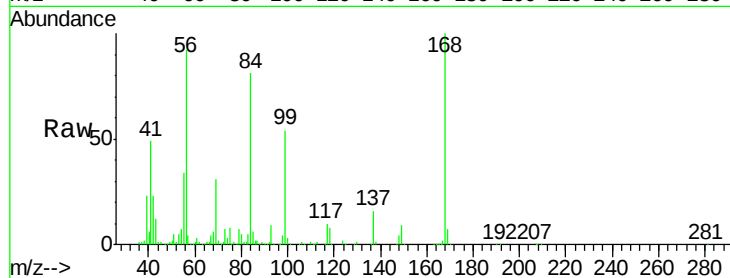
Tot Ion: 56 Resp: 382746

Ion Ratio Lower Upper

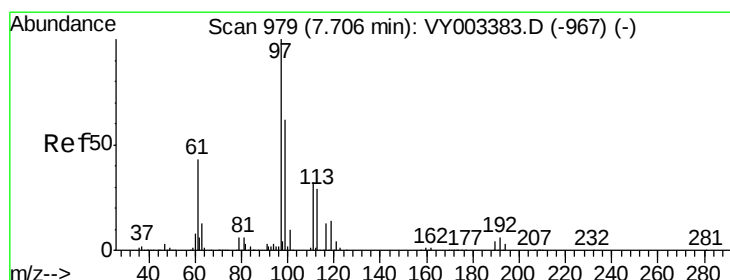
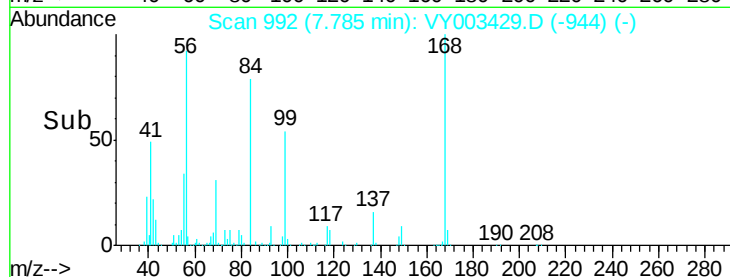
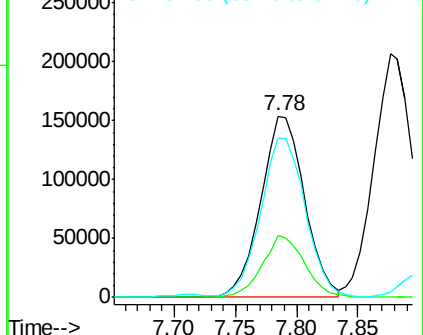
56 100

69 34.0 26.1 39.1

84 86.5 73.9 110.9



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: 51.089 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.00 min

Lab File: VY003429.D

Acq: 03 Aug 2020 20:02

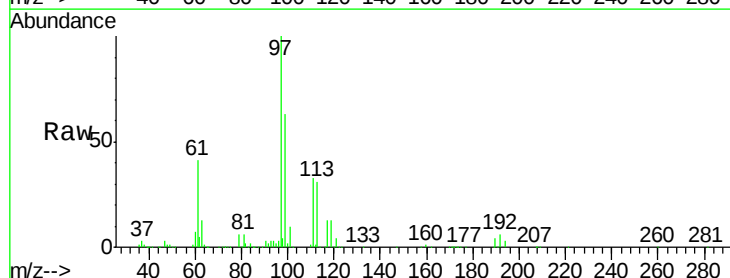
Tgt Ion: 97 Resp: 390839

Ion Ratio Lower Upper

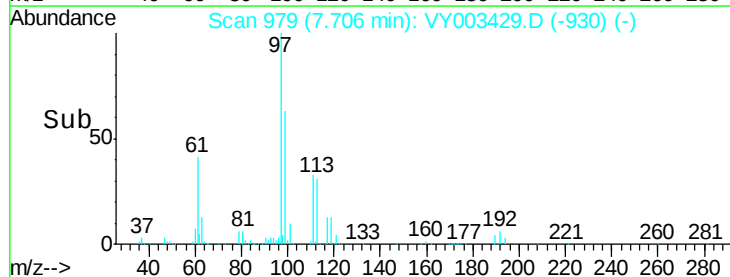
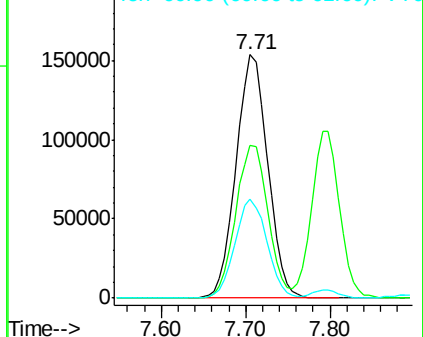
97 100

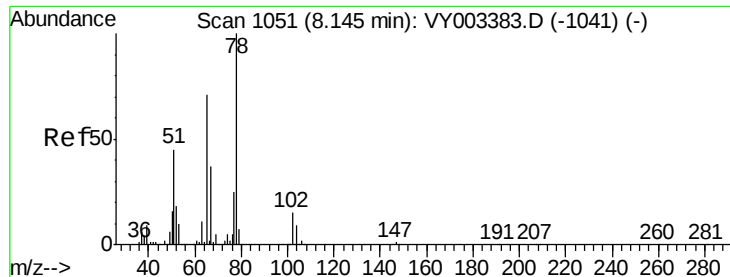
99 63.9 50.9 76.3

61 41.0 33.7 50.5



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

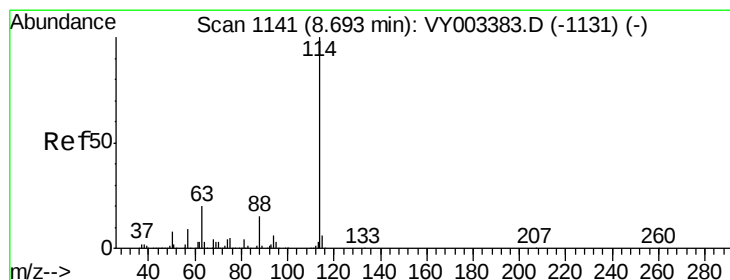
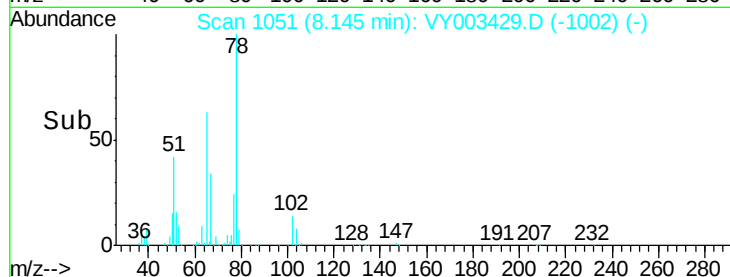
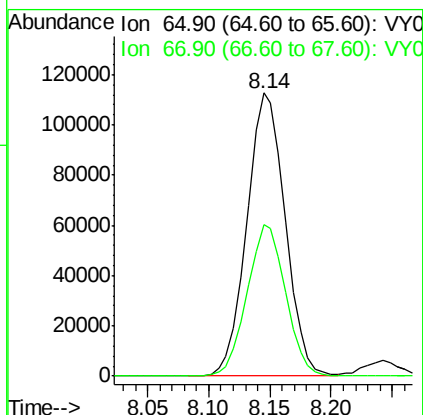
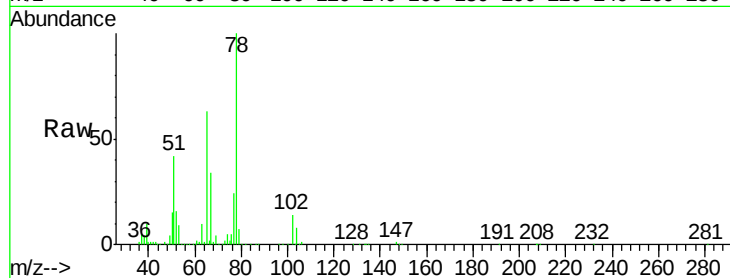




#33
 1,2-Dichloroethane-d4
 Concen: 53.172 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003429.D
 Acq: 03 Aug 2020 20:02

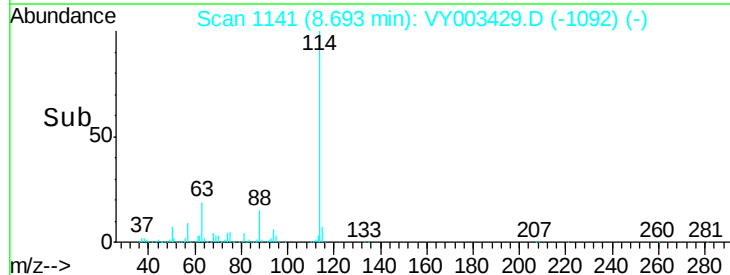
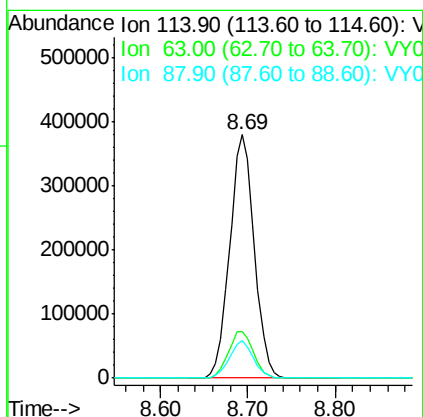
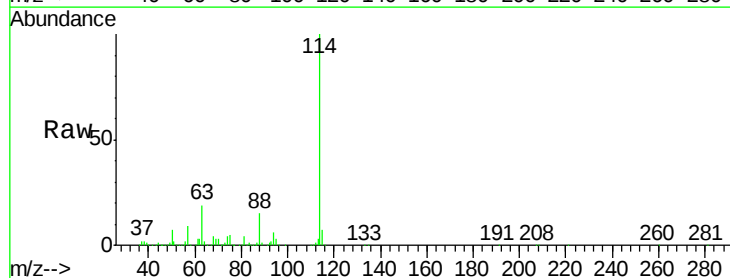
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

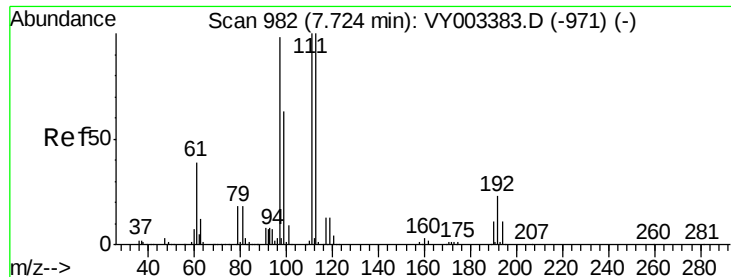
Tot Ion: 65 Resp: 246038
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003429.D
 Acq: 03 Aug 2020 20:02

Tgt Ion: 114 Resp: 739791
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 40.6
 88 15.3 0.0 29.2





#35

Dibromofluoromethane

Concen: 52.127 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003429.D

Acq: 03 Aug 2020 20:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

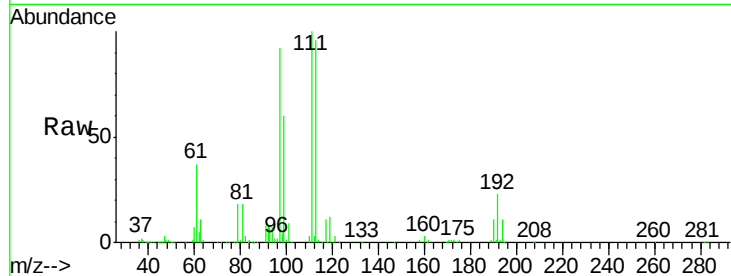
Tot Ion:113 Resp: 227161

Ion Ratio Lower Upper

113 100

111 103.8 83.0 124.4

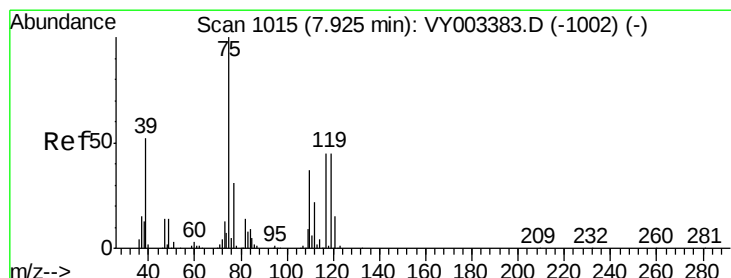
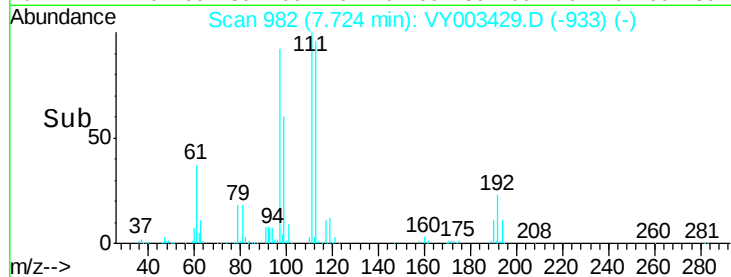
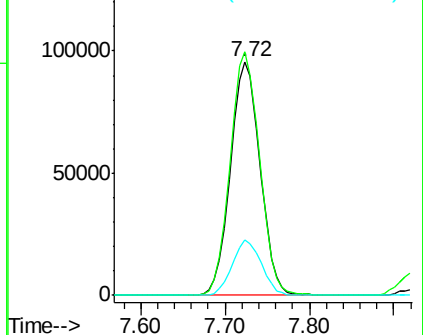
192 23.4 18.8 28.2



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: 48.502 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. -0.00 min

Lab File: VY003429.D

Acq: 03 Aug 2020 20:02

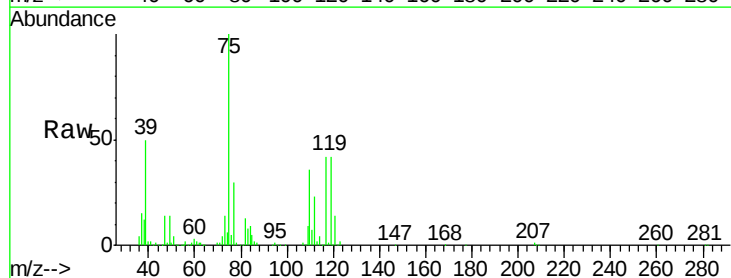
Tgt Ion: 75 Resp: 339546

Ion Ratio Lower Upper

75 100

110 35.5 17.8 53.5

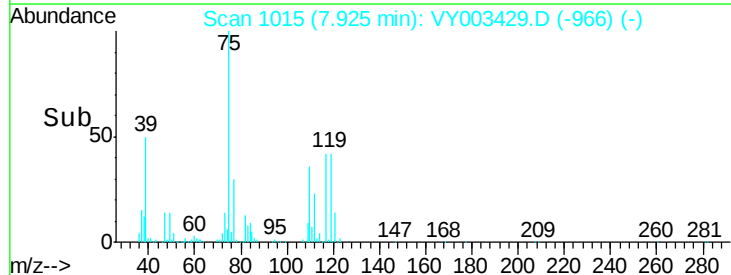
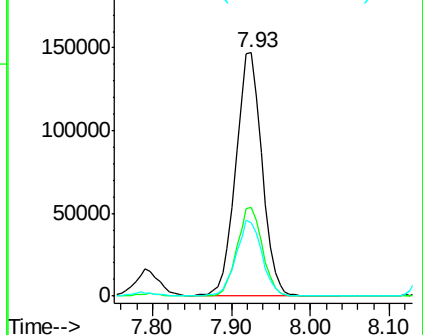
77 31.0 24.6 36.8

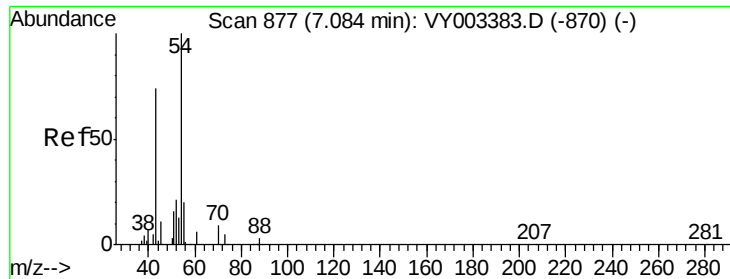


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

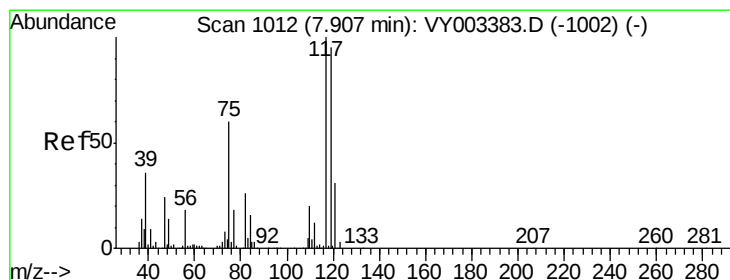
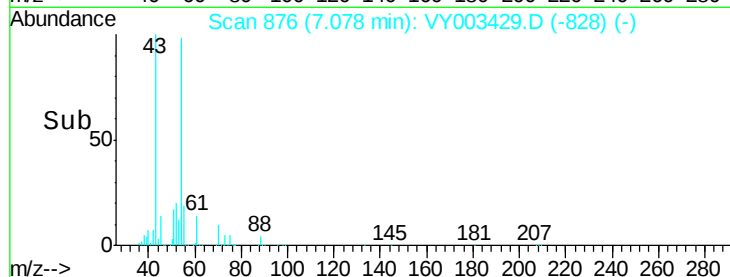
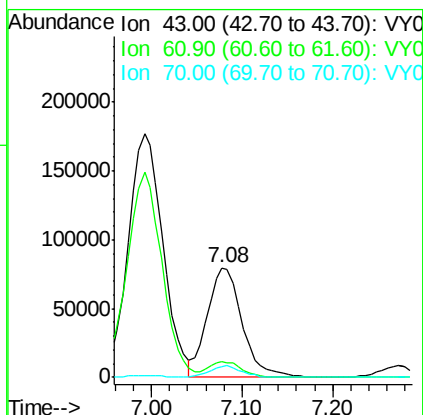
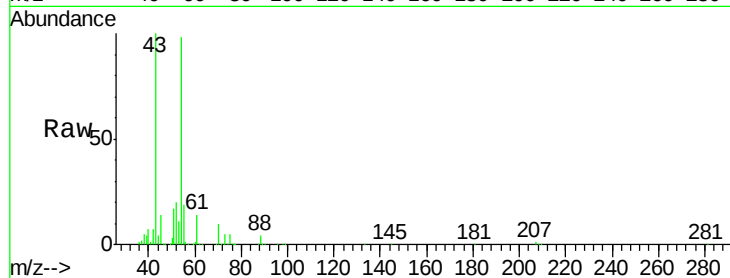




#37
Ethyl Acetate
Concen: 53.376 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY003429.D
Acq: 03 Aug 2020 20:02

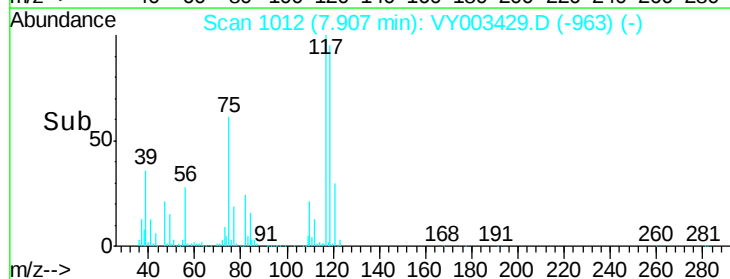
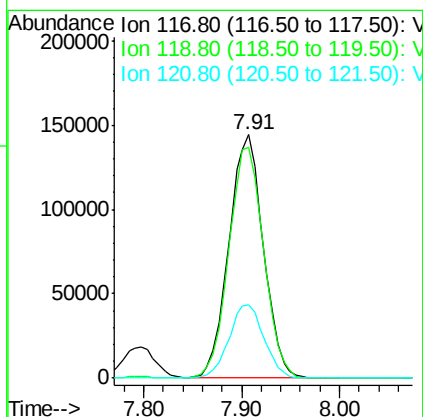
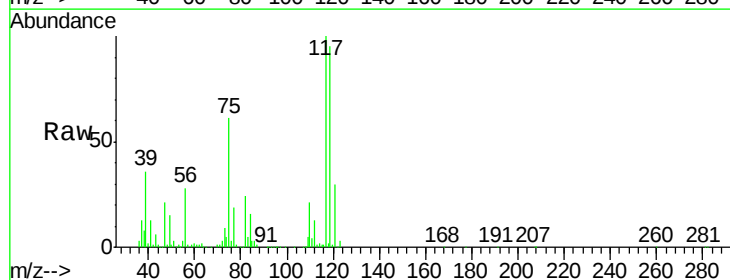
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

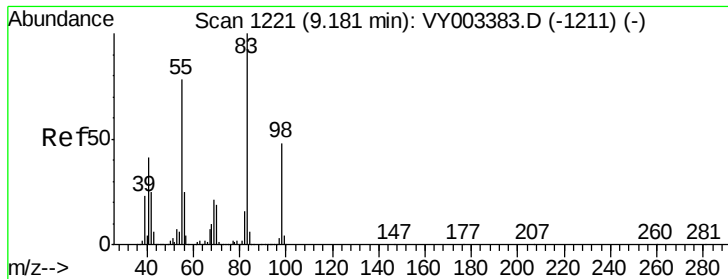
Tot Ion: 43 Resp: 212475
Ion Ratio Lower Upper
43 100
61 13.2 11.2 16.8
70 9.8 7.7 11.5



#38
Carbon Tetrachloride
Concen: 48.854 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003429.D
Acq: 03 Aug 2020 20:02

Tgt Ion: 117 Resp: 351933
Ion Ratio Lower Upper
117 100
119 94.6 76.1 114.1
121 30.1 24.5 36.7

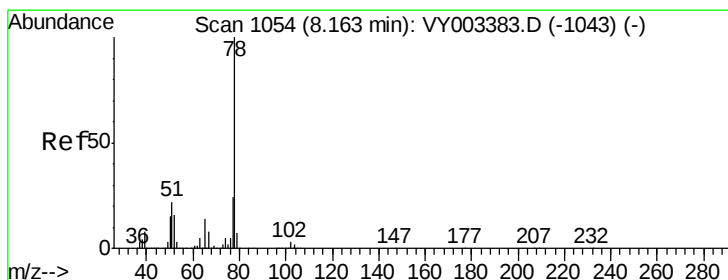
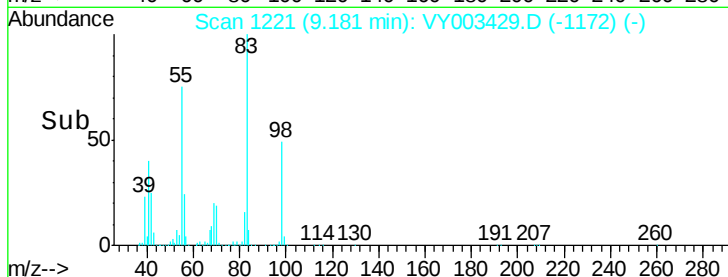
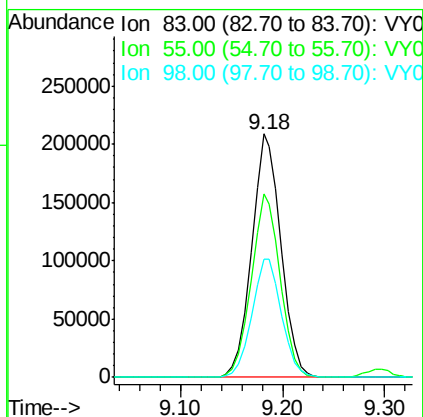
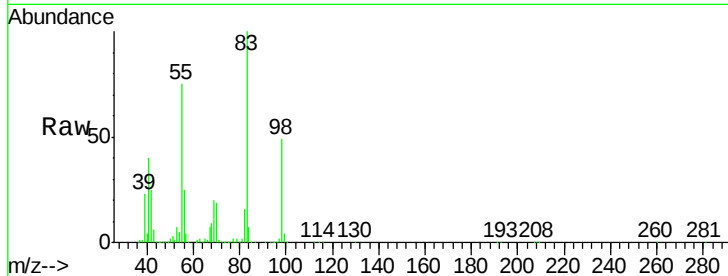




#39
Methvlcvclohexane
Concen: 48.731 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. 0.00 min
Lab File: VY003429.D
Acq: 03 Aug 2020 20:02

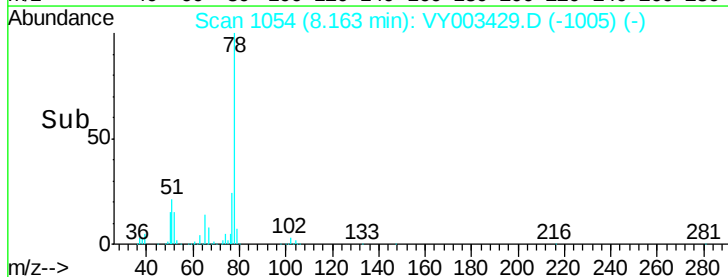
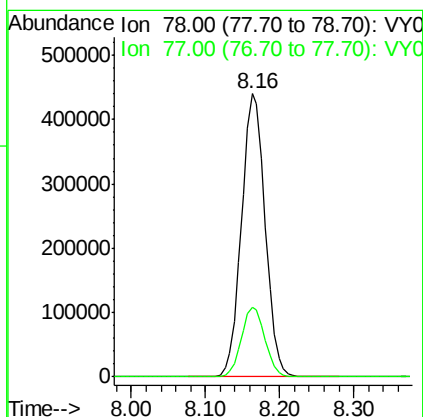
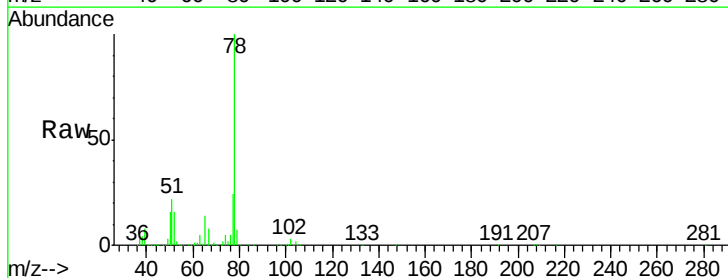
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

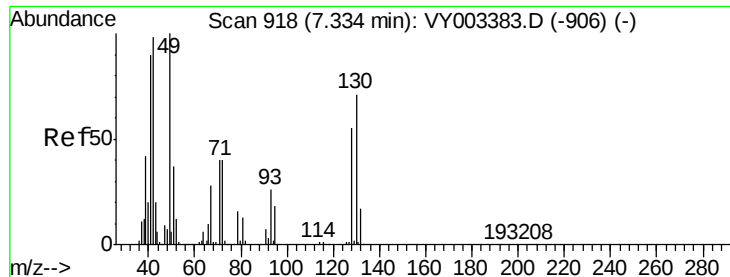
Tot Ion: 83 Resp: 416256
Ion Ratio Lower Upper
83 100
55 75.5 62.2 93.4
98 48.6 38.7 58.1



#40
Benzene
Concen: 50.409 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003429.D
Acq: 03 Aug 2020 20:02

Tgt Ion: 78 Resp: 979154
Ion Ratio Lower Upper
78 100
77 24.4 19.5 29.3

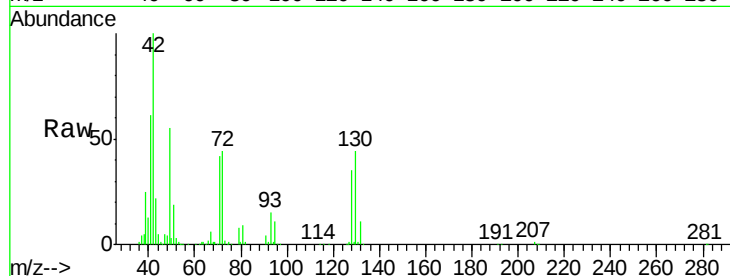




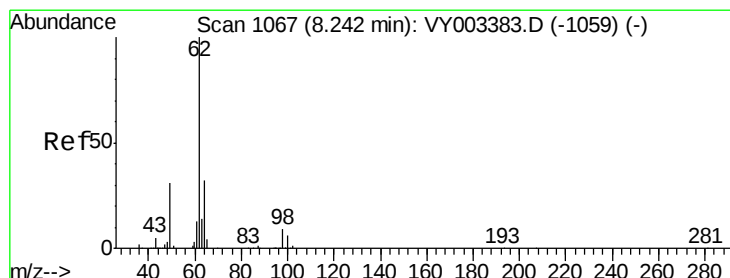
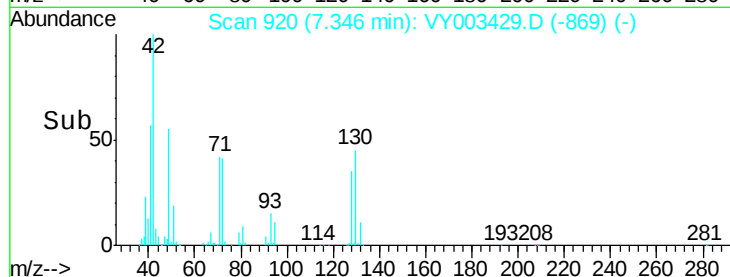
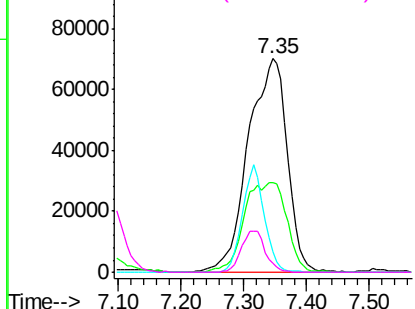
#41
Methacrylonitrile
Concen: 131.642 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.01 min
Lab File: VY003429.D
Acq: 03 Aug 2020 20:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 41 Resp: 300417
Ion Ratio Lower Upper
41 100
39 45.6 78.3 117.5#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

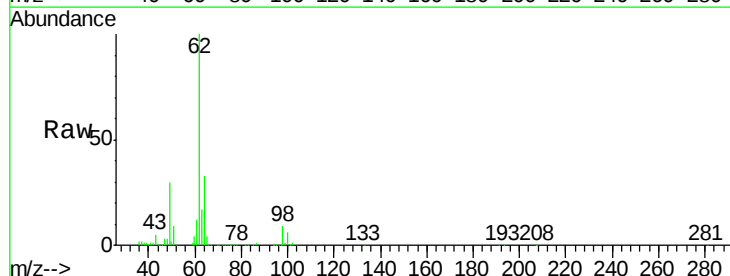


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

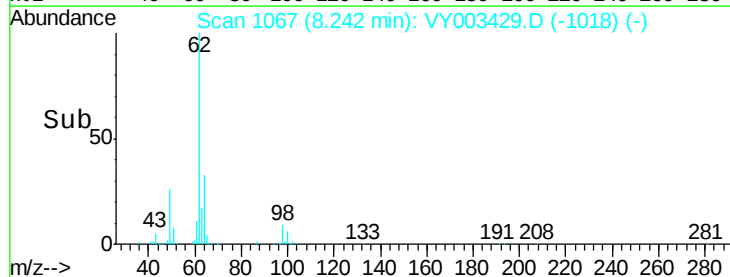
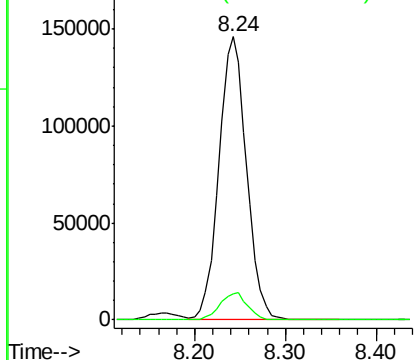


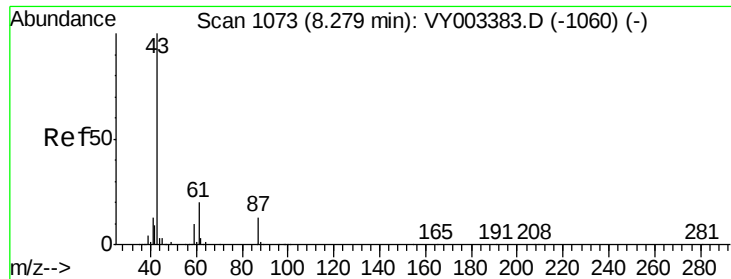
#42
1,2-Dichloroethane
Concen: 52.579 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003429.D
Acq: 03 Aug 2020 20:02

Tgt Ion: 62 Resp: 311052
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 97.90 (97.60 to 98.60): VY0

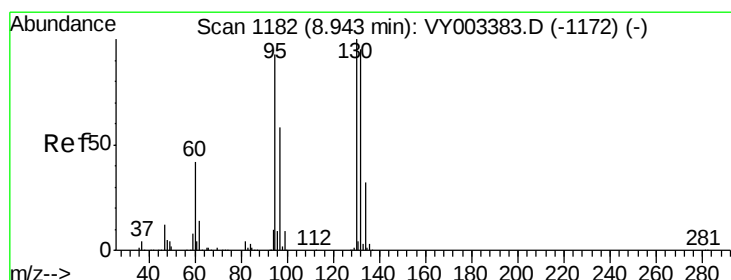
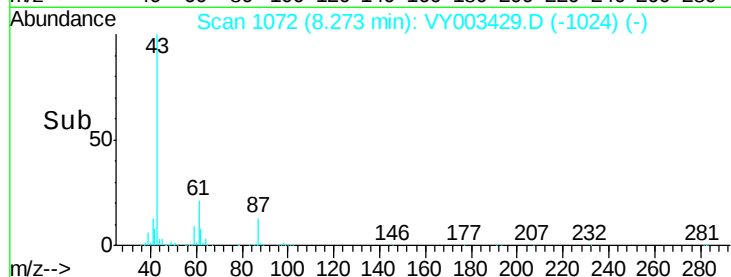
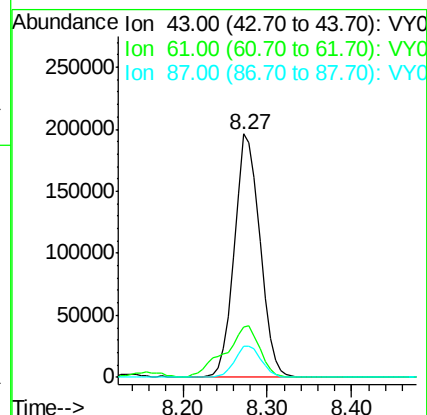
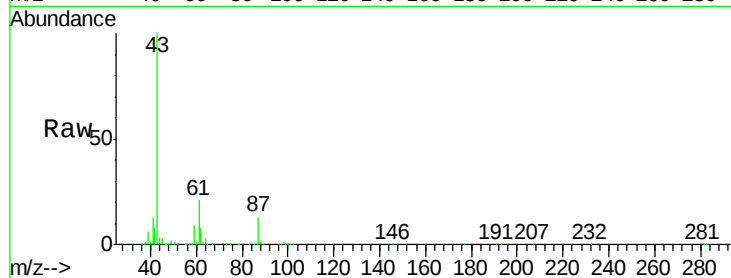




#43
Isopropyl Acetate
Concen: 53.641 ug/l
RT: 8.27 min Scan# 1072
Delta R.T. -0.01 min
Lab File: VY003429.D
Acq: 03 Aug 2020 20:02

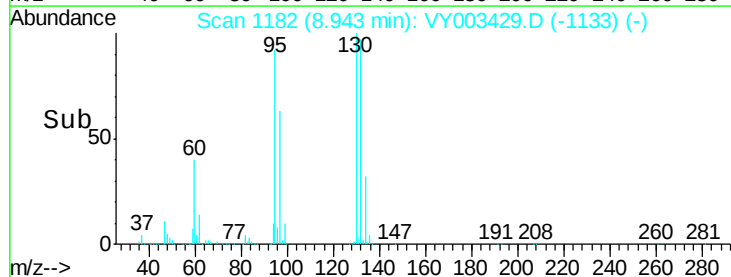
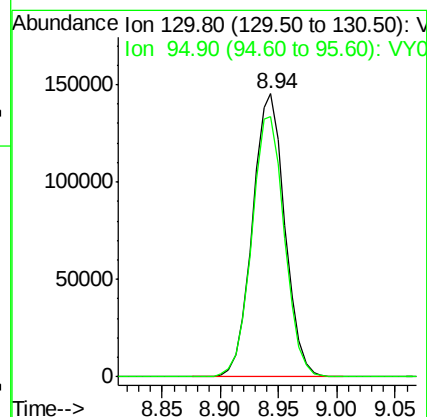
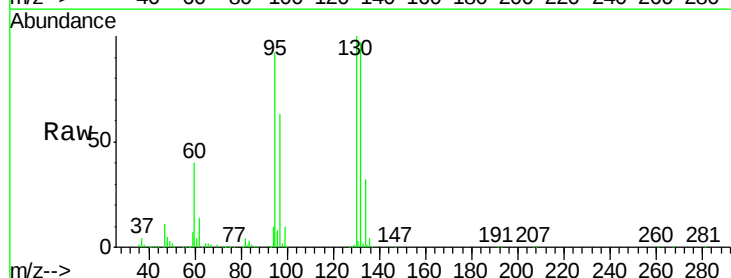
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

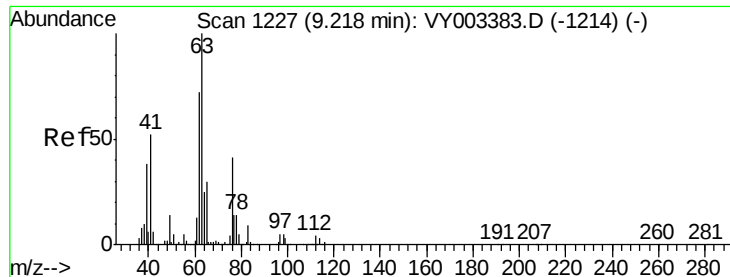
Tot Ion	Ratio	Lower	Upper
43	100		
61	29.0	23.0	34.4
87	13.3	10.5	15.7



#44
Trichloroethene
Concen: 50.386 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VY003429.D
Acq: 03 Aug 2020 20:02

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.8	0.0	186.8

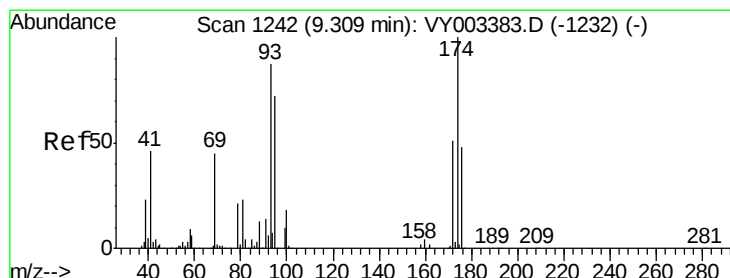
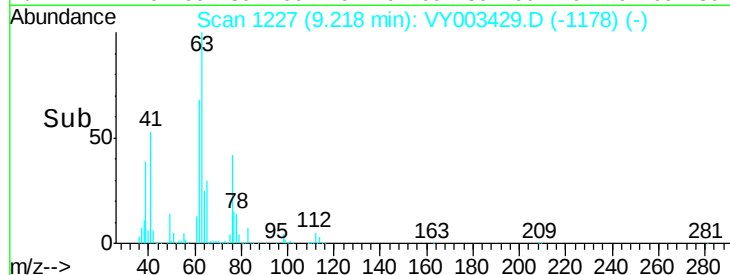
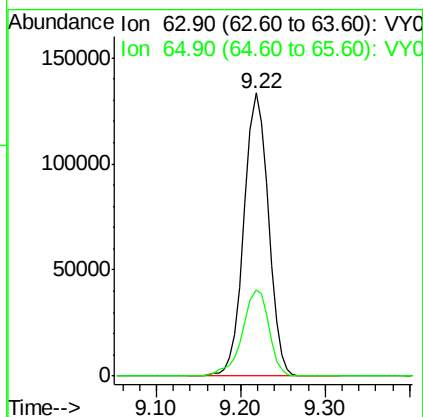
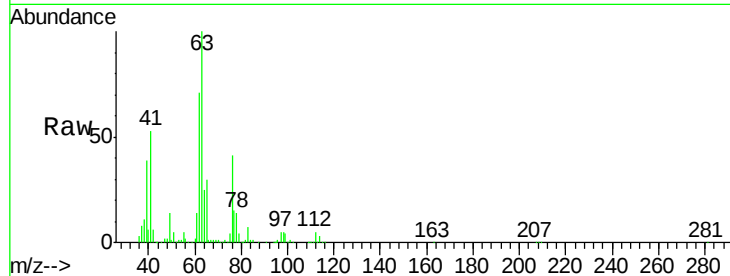




#45
 1,2-Dichloropropane
 Concen: 51.152 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY003429.D
 Acq: 03 Aug 2020 20:02

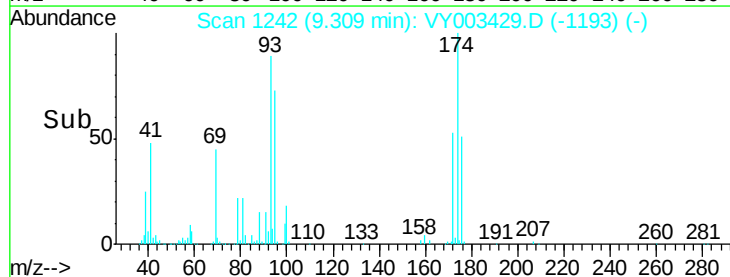
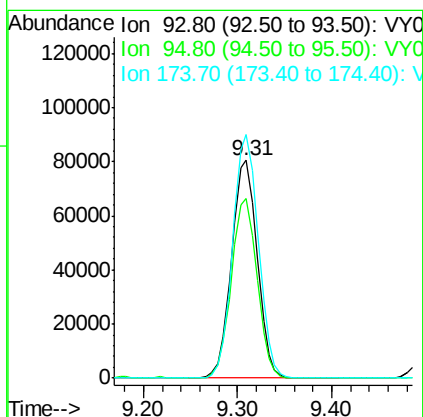
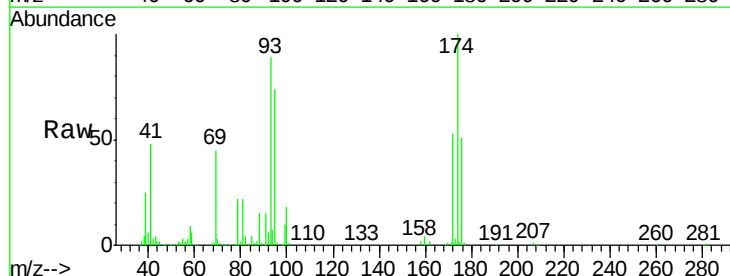
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

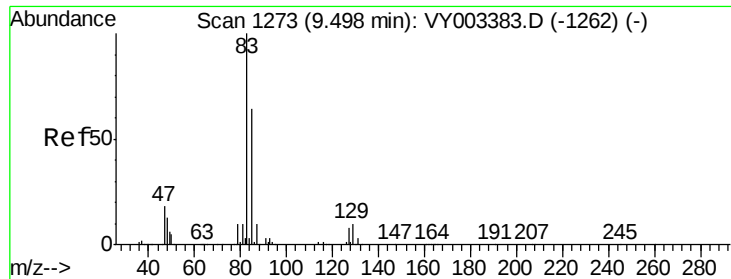
Tot Ion: 63 Resp: 260197
 Ion Ratio Lower Upper
 63 100
 65 30.3 23.8 35.8



#46
 Dibromomethane
 Concen: 53.471 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY003429.D
 Acq: 03 Aug 2020 20:02

Tgt Ion: 93 Resp: 152603
 Ion Ratio Lower Upper
 93 100
 95 83.0 65.4 98.0
 174 112.0 88.6 133.0





#47

Bromodichloromethane

Concen: 52.542 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY003429.D

Acq: 03 Aug 2020 20:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

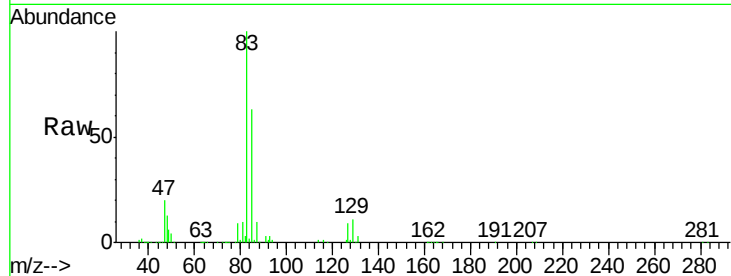
Tot Ion: 83 Resp: 361341

Ion Ratio Lower Upper

83 100

85 63.2 51.6 77.4

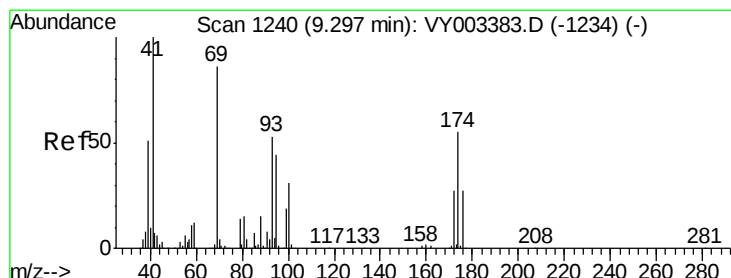
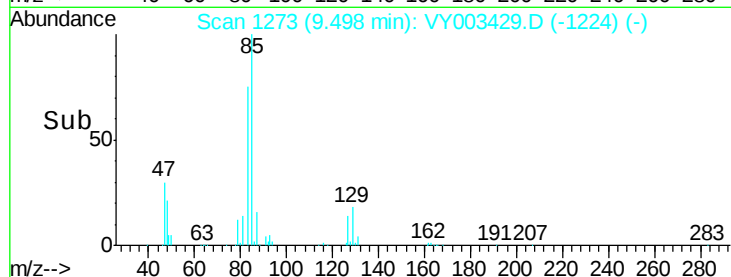
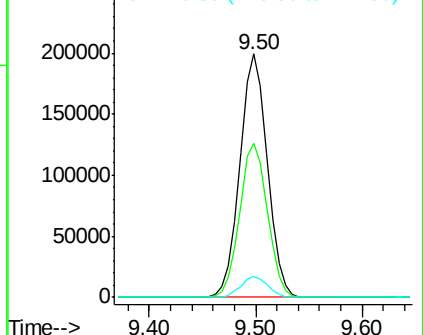
127 8.5 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 126.80 (126.50 to 127.50): VY0



#48

Methyl methacrylate

Concen: 54.029 ug/l

RT: 9.29 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VY003429.D

Acq: 03 Aug 2020 20:02

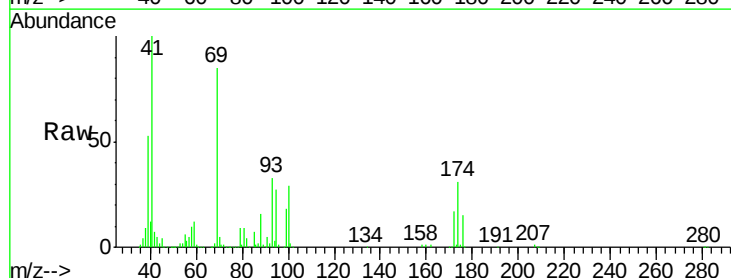
Tgt Ion: 41 Resp: 183236

Ion Ratio Lower Upper

41 100

69 88.4 68.9 103.3

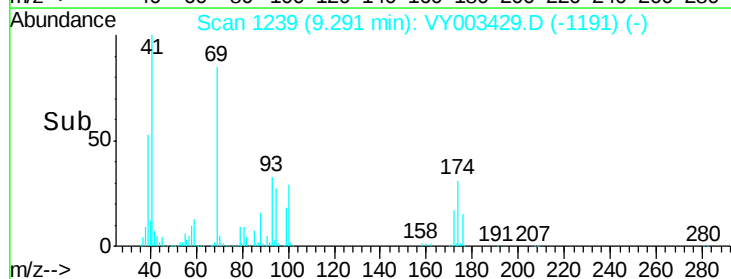
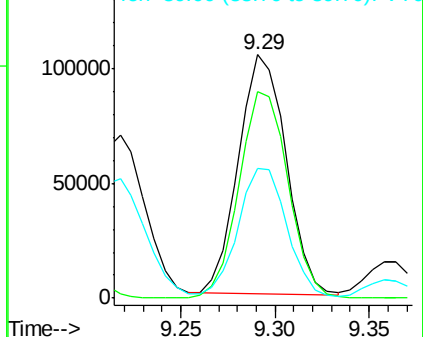
39 54.1 43.1 64.7

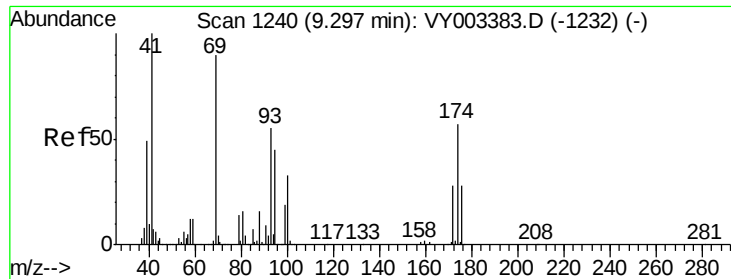


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

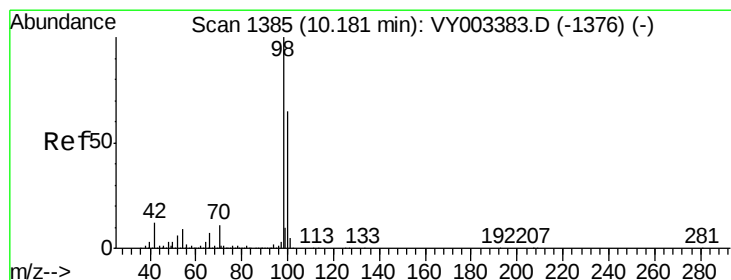
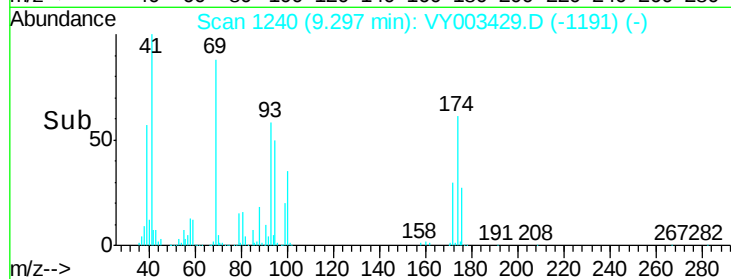
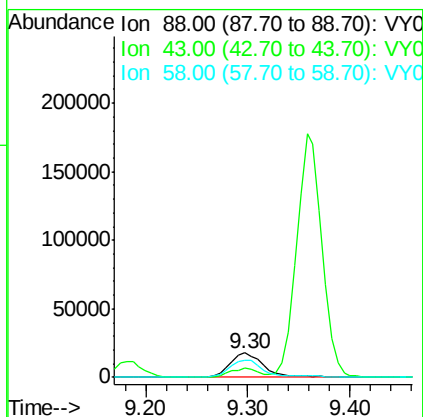
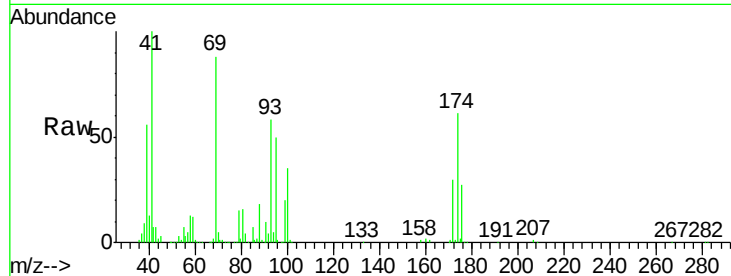




#49
 1,4-Dioxane
 Concen: 1123.343 ug/l
 RT: 9.30 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VY003429.D
 Acq: 03 Aug 2020 20:02

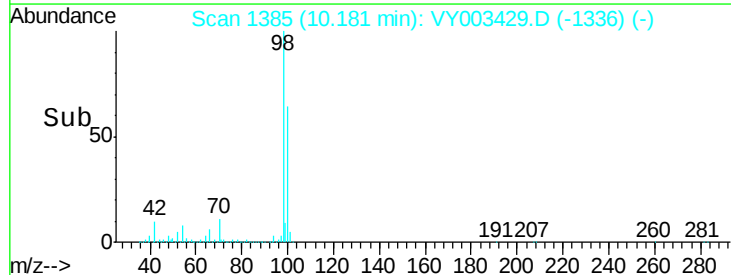
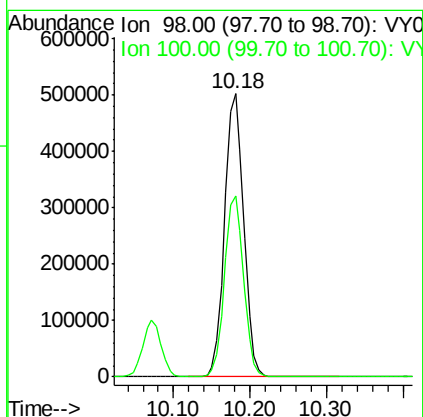
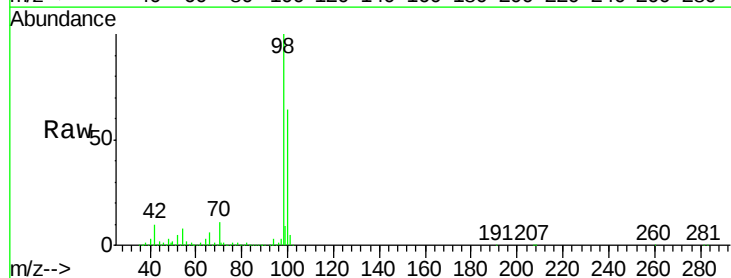
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

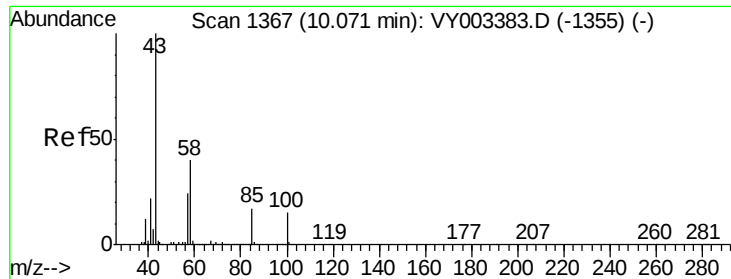
Tot Ion: 88 Resp: 41494
 Ion Ratio Lower Upper
 88 100
 43 30.9 24.9 37.3
 58 65.8 54.3 81.5



#50
 Toluene-d8
 Concen: 50.782 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: VY003429.D
 Acq: 03 Aug 2020 20:02

Tgt Ion: 98 Resp: 866562
 Ion Ratio Lower Upper
 98 100
 100 63.8 51.3 76.9





#51

4-Methyl-2-Pentanone

Concen: 271.448 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY003429.D

Acq: 03 Aug 2020 20:02

Instrument :

MSVOA_Y

ClientSampleId :

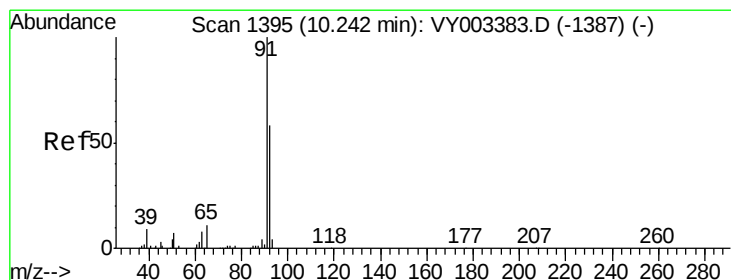
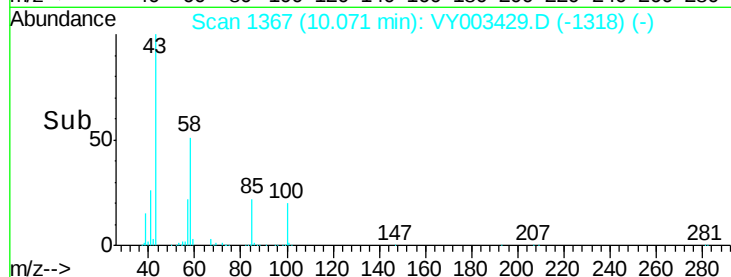
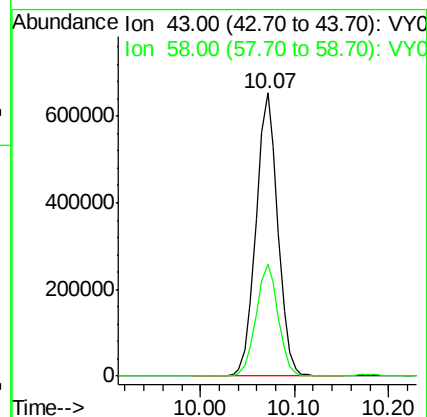
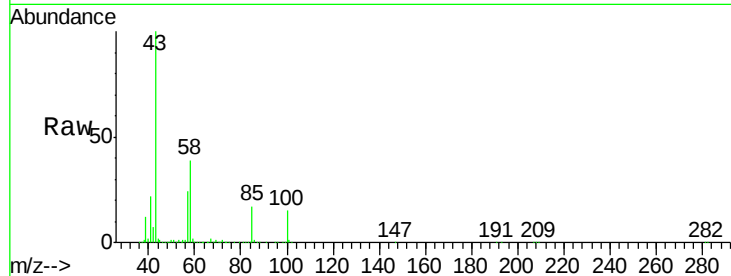
VSTDCCC050EC

Tot Ion: 43 Resp: 1068804

Ion Ratio Lower Upper

43 100

58 40.0 31.6 47.4



#52

Toluene

Concen: 50.743 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY003429.D

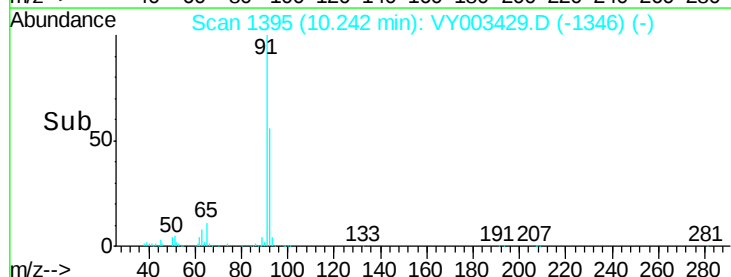
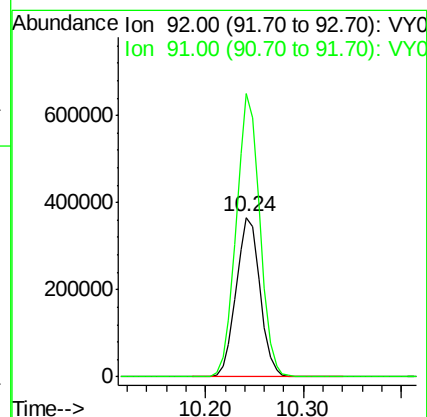
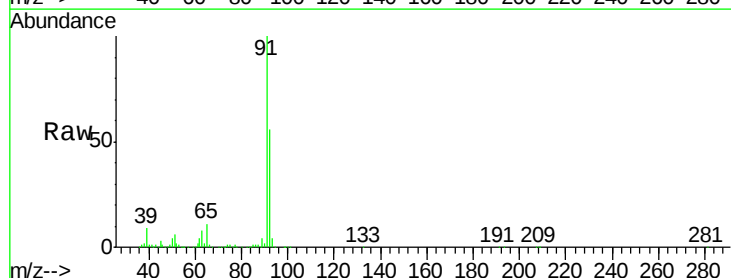
Acq: 03 Aug 2020 20:02

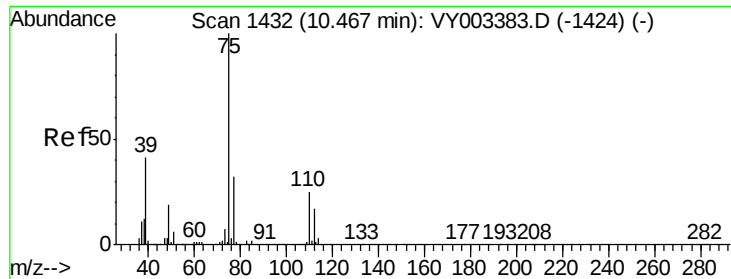
Tgt Ion: 92 Resp: 618164

Ion Ratio Lower Upper

92 100

91 175.7 139.4 209.0





#53

t-1,3-Dichloropropene

Concen: 52.783 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY003429.D

Acq: 03 Aug 2020 20:02

Instrument :

MSVOA_Y

ClientSampleId :

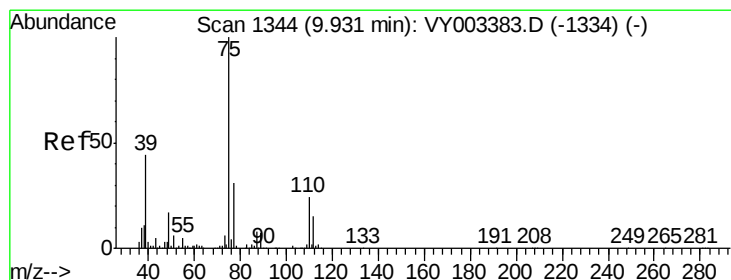
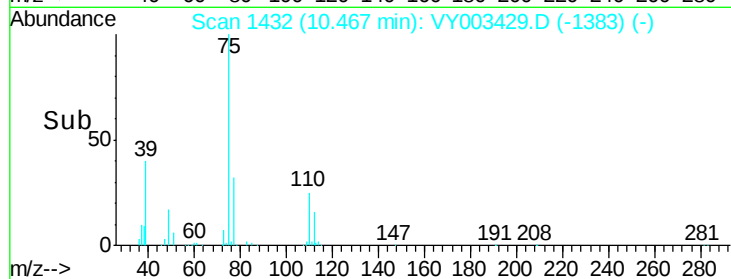
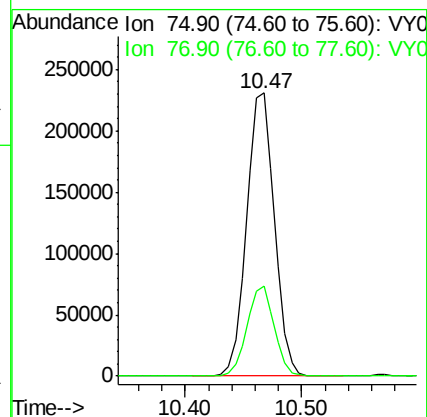
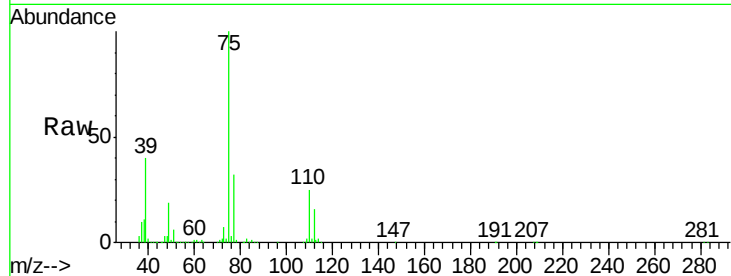
VSTDCCC050EC

Tot Ion: 75 Resp: 385272

Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 52.400 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY003429.D

Acq: 03 Aug 2020 20:02

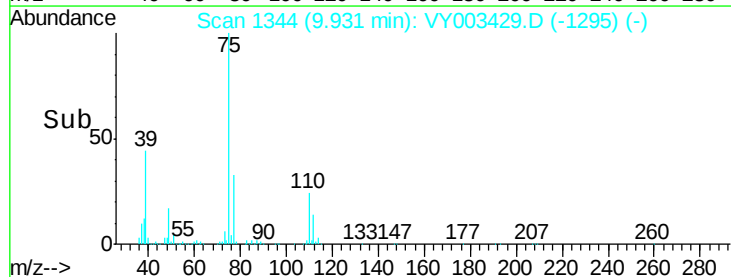
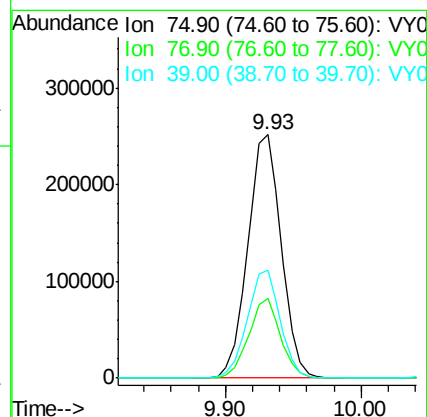
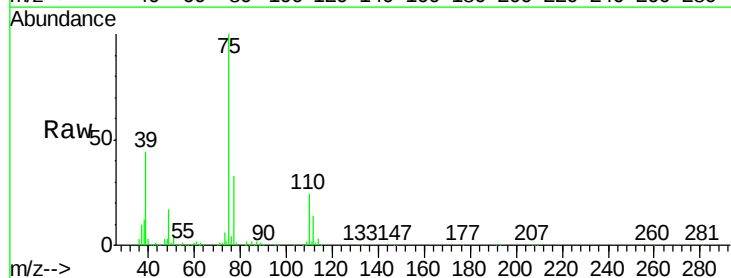
Tgt Ion: 75 Resp: 433448

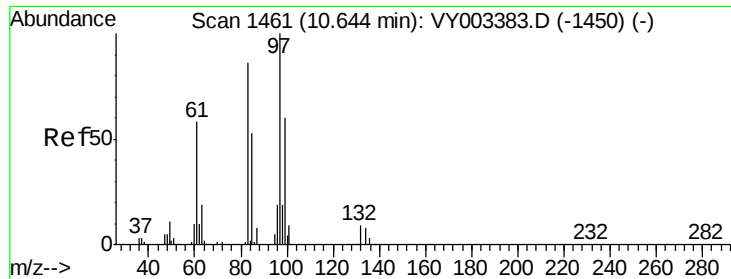
Ion Ratio Lower Upper

75 100

77 32.5 24.8 37.2

39 44.3 34.8 52.2

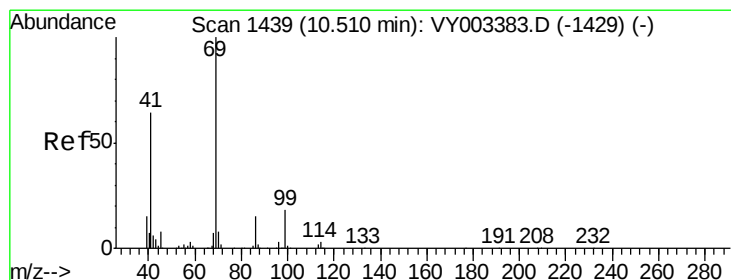
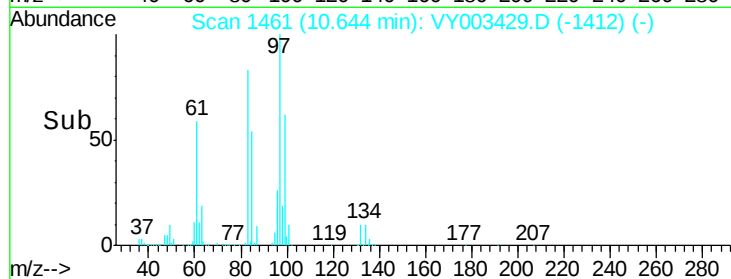
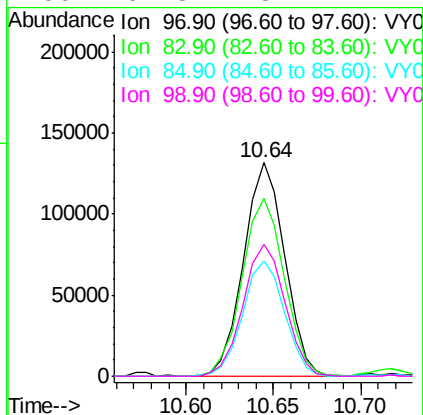
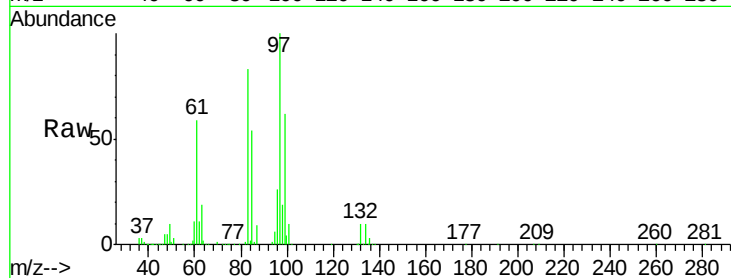




#55
 1,1,2-Trichloroethane
 Concen: 53.895 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY003429.D
 Acq: 03 Aug 2020 20:02

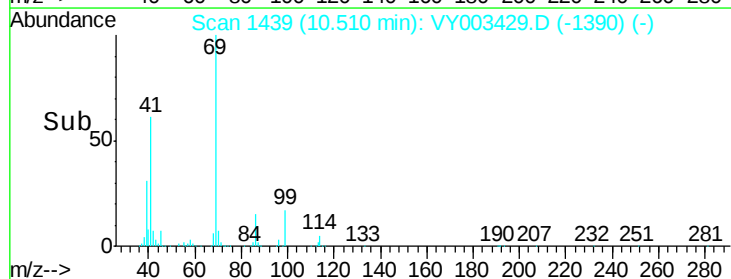
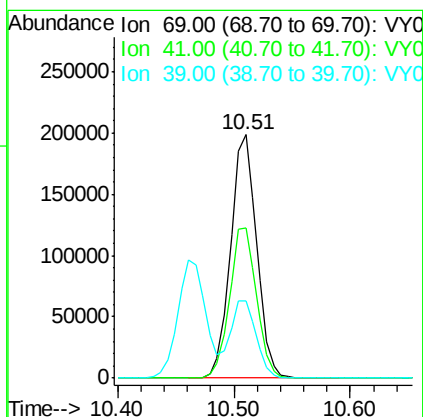
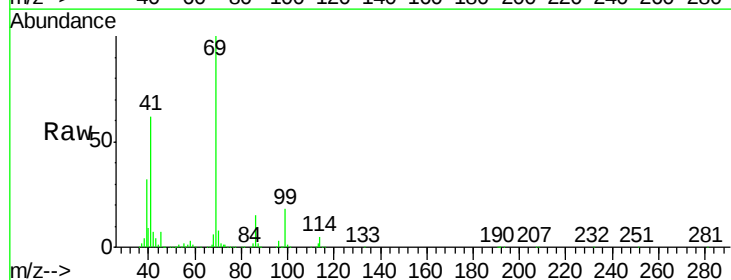
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

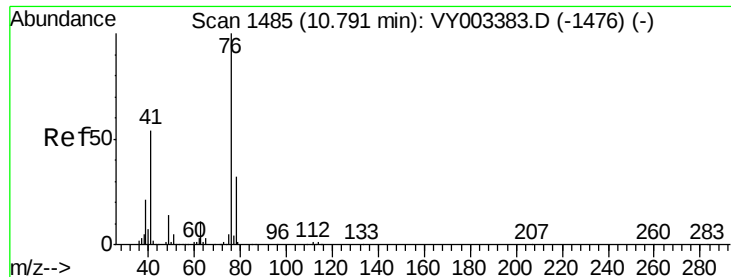
Tot Ion:	97	Resp:	215748
Ion	Ratio	Lower	Upper
97	100		
83	83.3	69.1	103.7
85	53.7	42.5	63.7
99	61.8	48.2	72.4



#56
 Ethyl methacrylate
 Concen: 55.780 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003429.D
 Acq: 03 Aug 2020 20:02

Tgt Ion:	69	Resp:	309128
Ion	Ratio	Lower	Upper
69	100		
41	63.9	52.2	78.4
39	32.0	24.7	37.1





#57

1,3-Dichloropropane

Concen: 53.322 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY003429.D

Acq: 03 Aug 2020 20:02

Instrument :

MSVOA_Y

ClientSampleId :

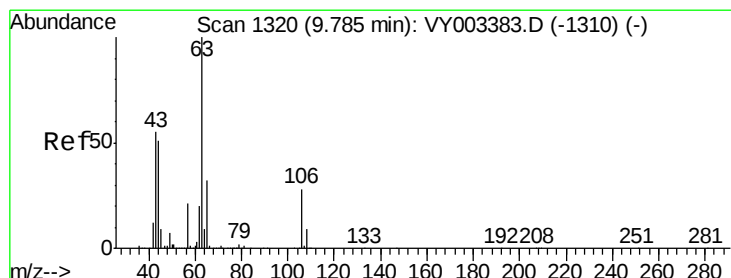
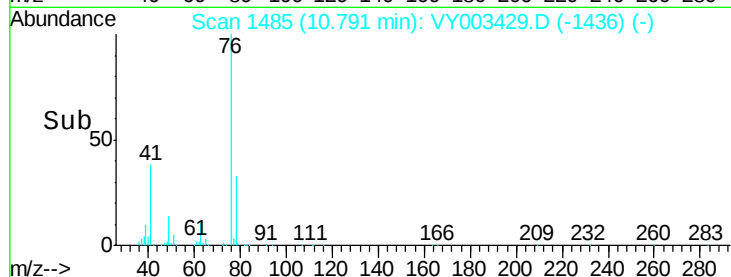
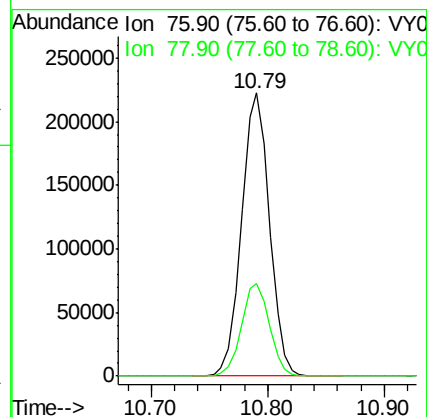
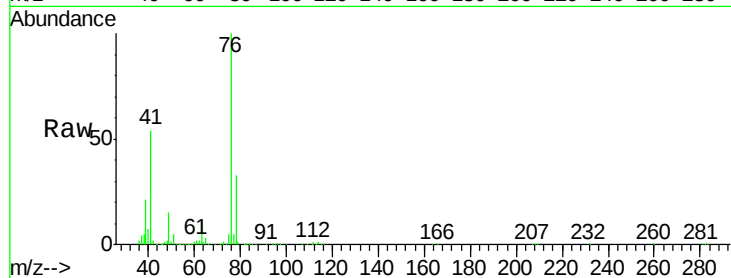
VSTDCCC050EC

Tot Ion: 76 Resp: 370966

Ion Ratio Lower Upper

76 100

78 32.9 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 249.269 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY003429.D

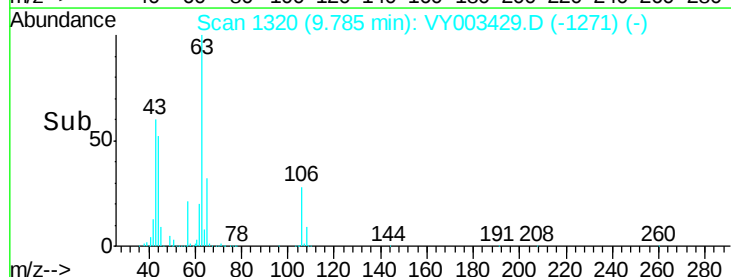
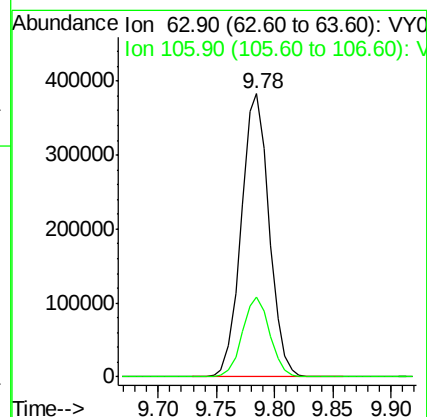
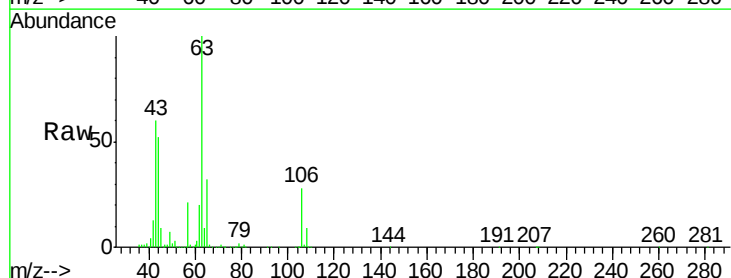
Acq: 03 Aug 2020 20:02

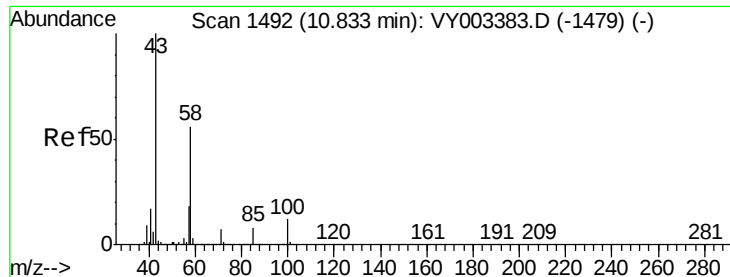
Tgt Ion: 63 Resp: 639863

Ion Ratio Lower Upper

63 100

106 27.8 21.8 32.6

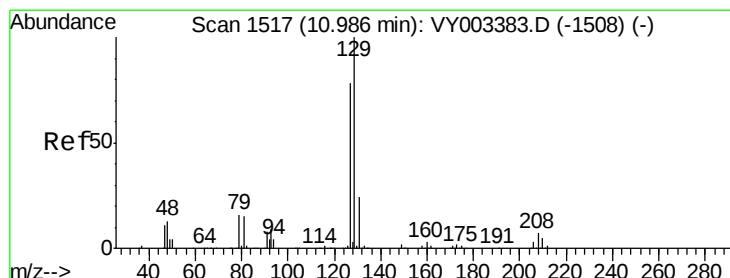
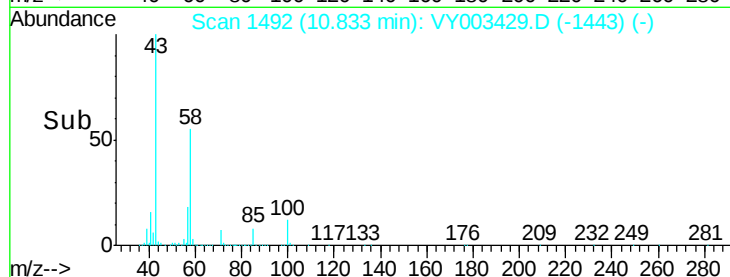
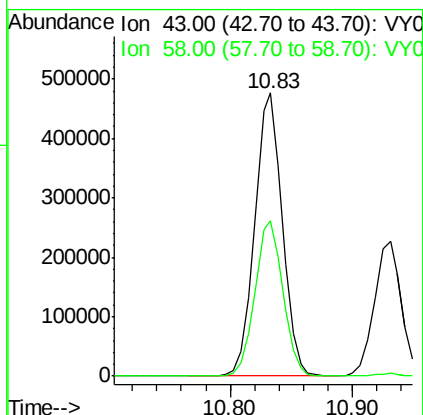
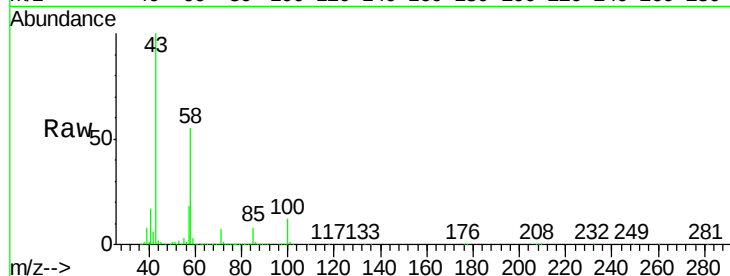




#59
2-Hexanone
Concen: 272.550 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003429.D
Acq: 03 Aug 2020 20:02

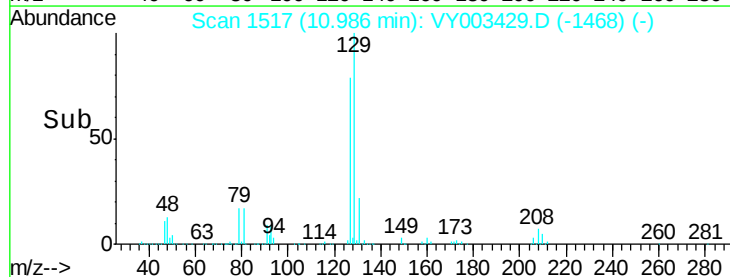
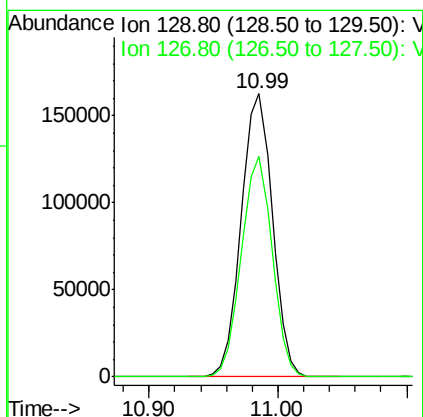
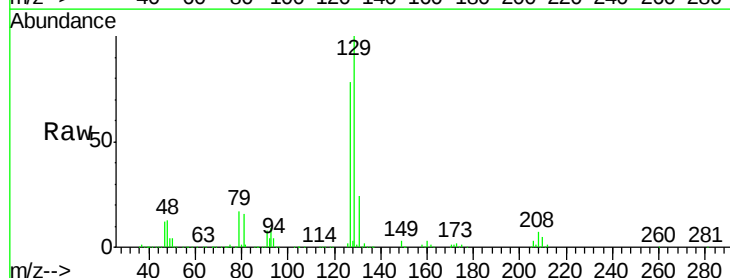
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

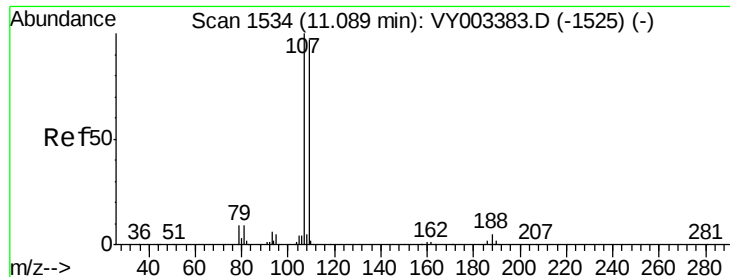
Tot Ion: 43 Resp: 747887
Ion Ratio Lower Upper
43 100
58 55.7 27.6 82.8



#60
Dibromochloromethane
Concen: 54.409 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003429.D
Acq: 03 Aug 2020 20:02

Tgt Ion: 129 Resp: 273528
Ion Ratio Lower Upper
129 100
127 76.7 38.7 116.1

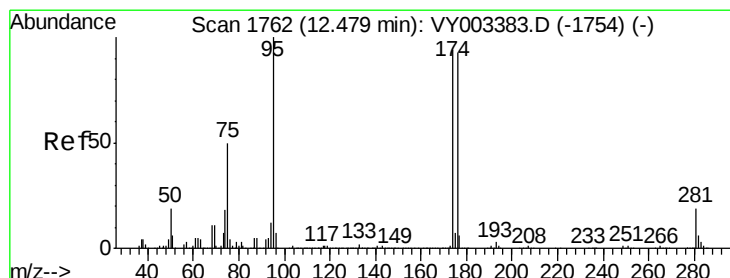
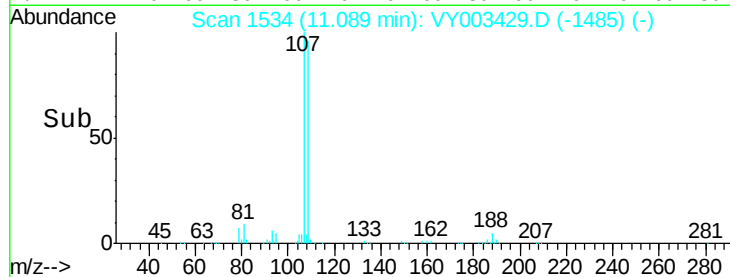
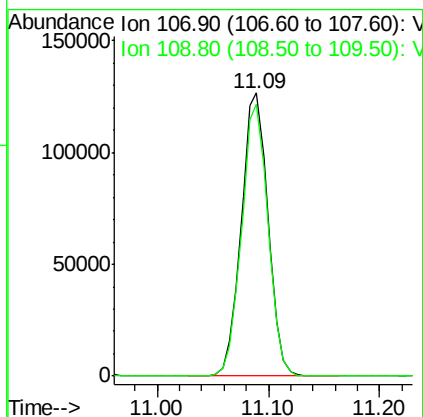
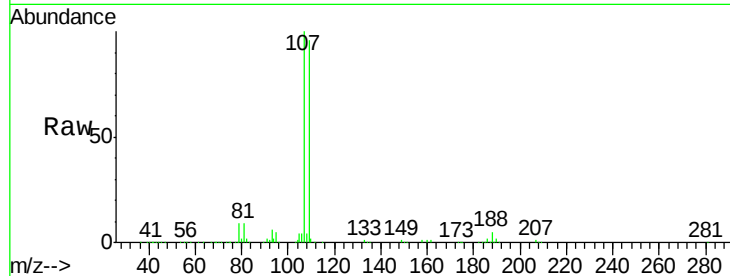




#61
 1,2-Dibromoethane
 Concen: 54.382 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003429.D
 Acq: 03 Aug 2020 20:02

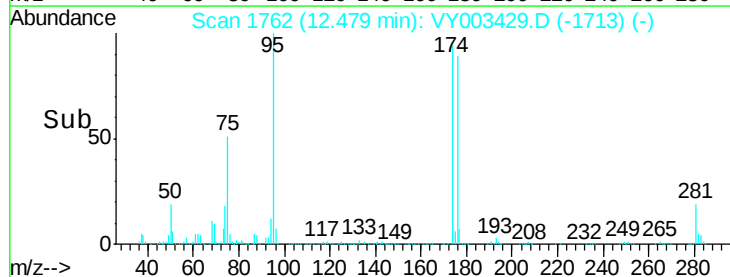
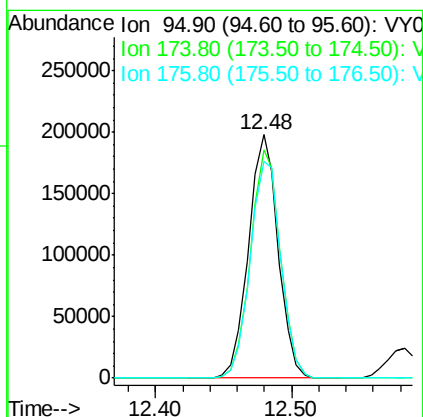
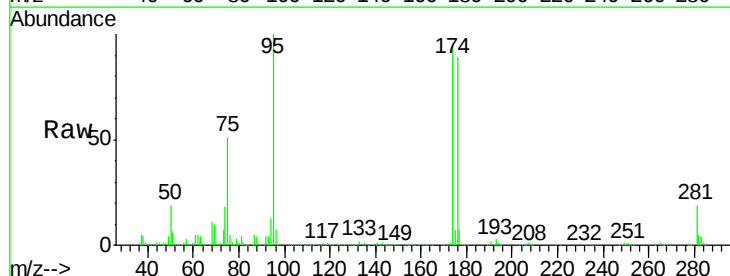
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

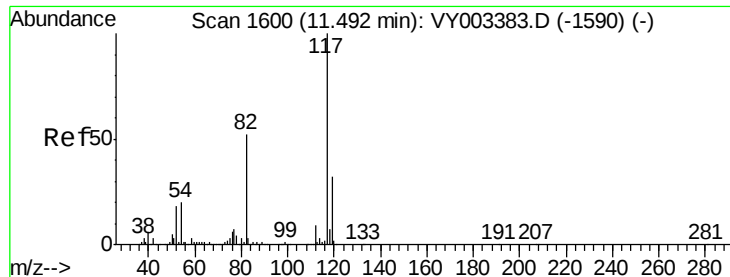
Tot Ion: 107 Resp: 210904
 Ion Ratio Lower Upper
 107 100
 109 95.0 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 51.665 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY003429.D
 Acq: 03 Aug 2020 20:02

Tgt Ion: 95 Resp: 301232
 Ion Ratio Lower Upper
 95 100
 174 94.8 0.0 190.0
 176 92.8 0.0 184.4

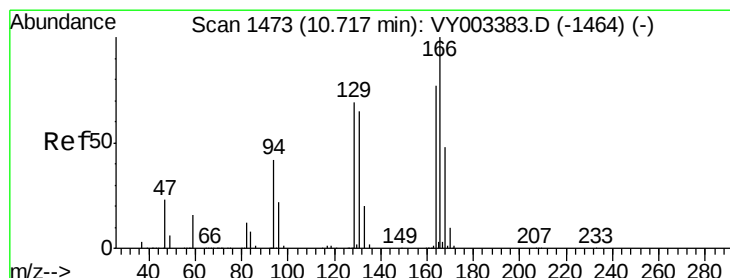
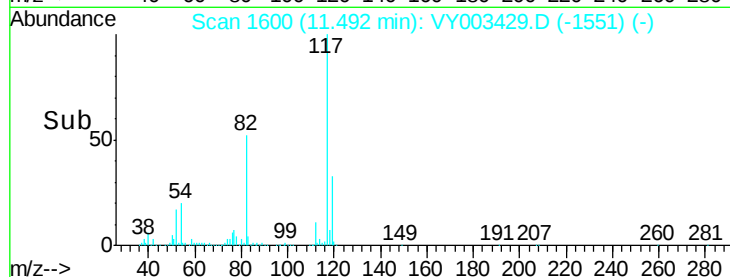
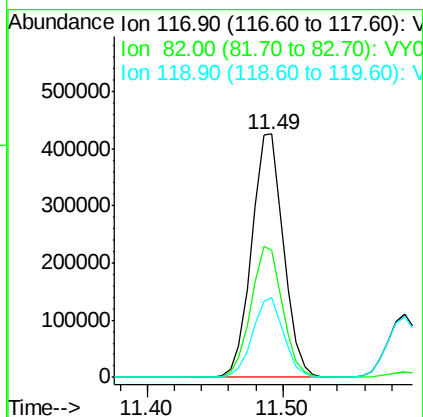
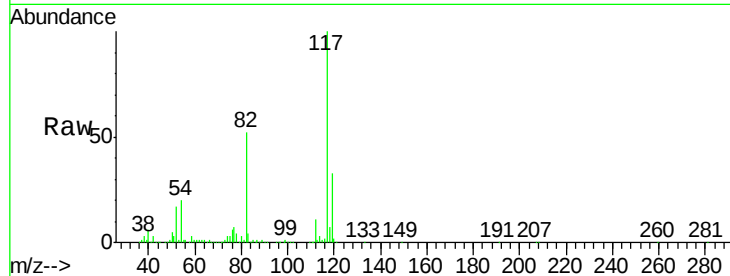




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003429.D
Acq: 03 Aug 2020 20:02

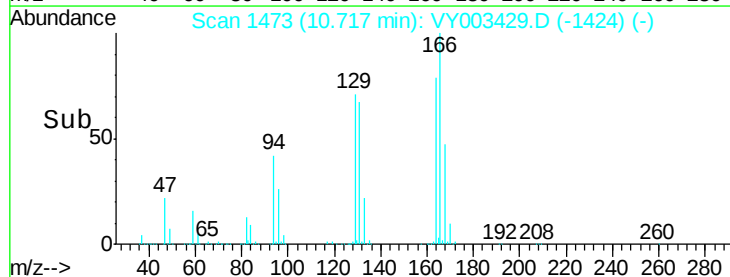
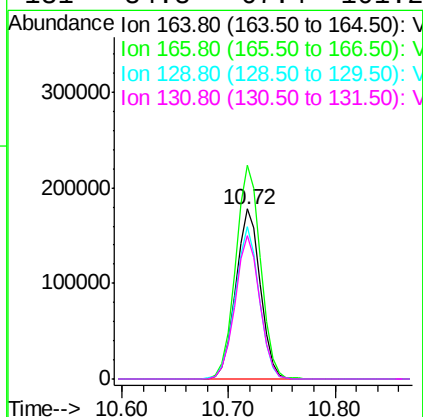
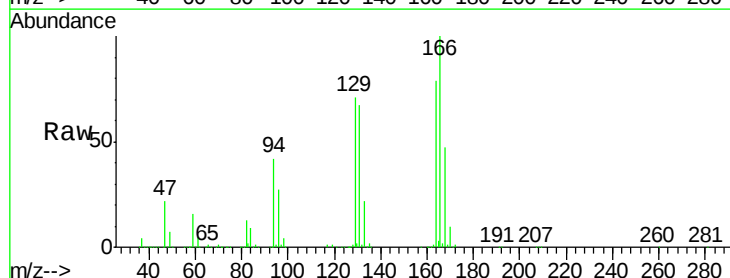
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

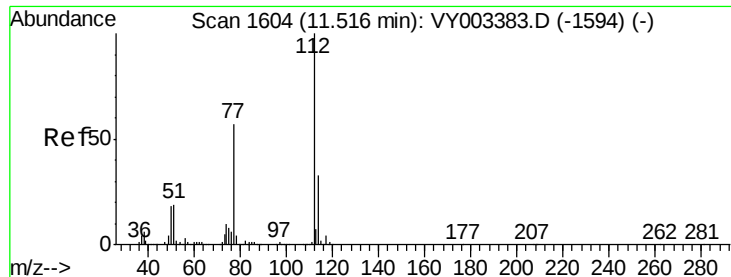
Tot Ion:117 Resp: 699245
Ion Ratio Lower Upper
117 100
82 52.3 41.9 62.9
119 32.7 25.4 38.0



#64
Tetrachloroethene
Concen: 49.382 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003429.D
Acq: 03 Aug 2020 20:02

Tgt Ion:164 Resp: 288671
Ion Ratio Lower Upper
164 100
166 125.8 103.3 154.9
129 89.5 71.2 106.8
131 84.8 67.4 101.2

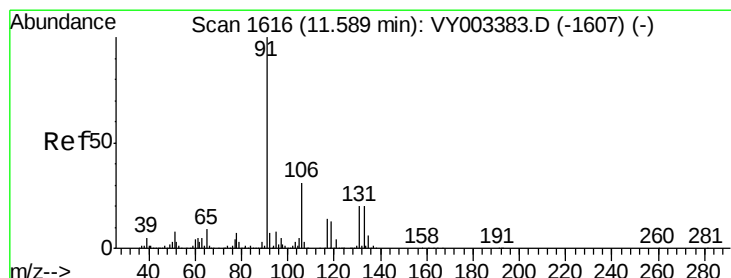
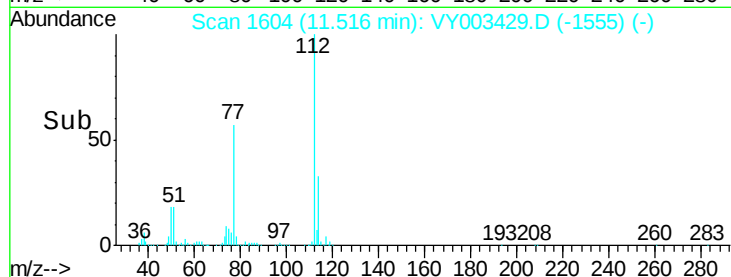
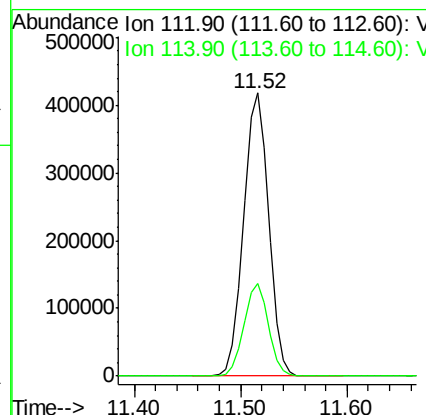
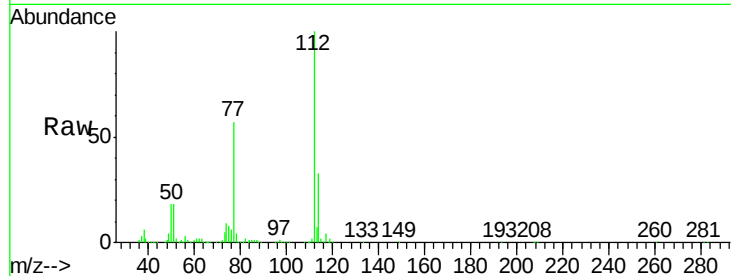




#65
Chlorobenzene
Concen: 50.427 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003429.D
Acq: 03 Aug 2020 20:02

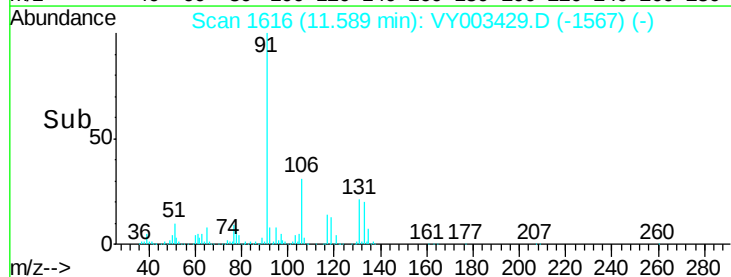
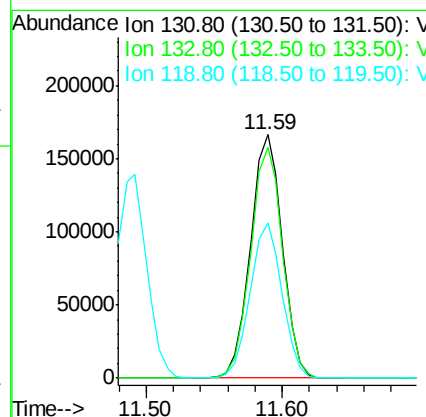
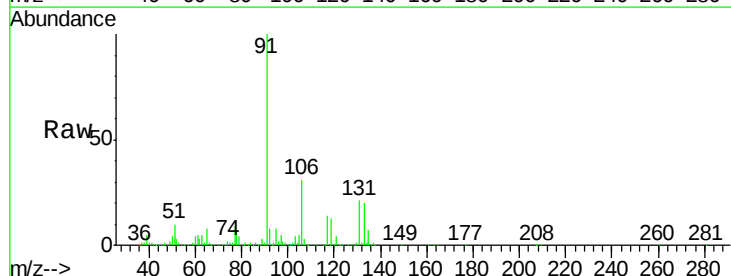
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

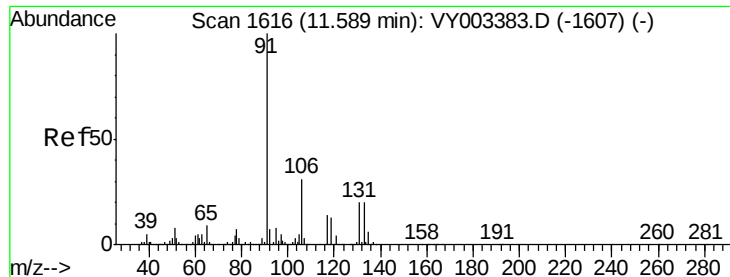
Tot Ion:112 Resp: 691931
Ion Ratio Lower Upper
112 100
114 32.8 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 51.281 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003429.D
Acq: 03 Aug 2020 20:02

Tgt Ion:131 Resp: 273694
Ion Ratio Lower Upper
131 100
133 95.0 48.1 144.3
119 63.8 32.0 96.2

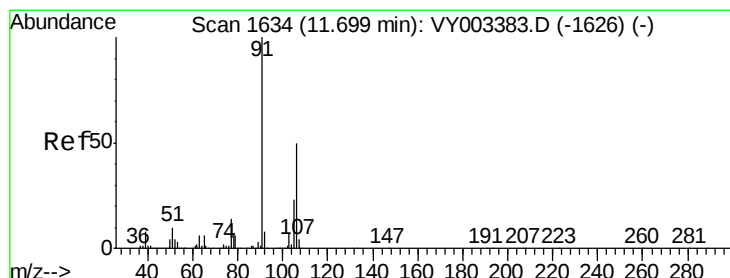
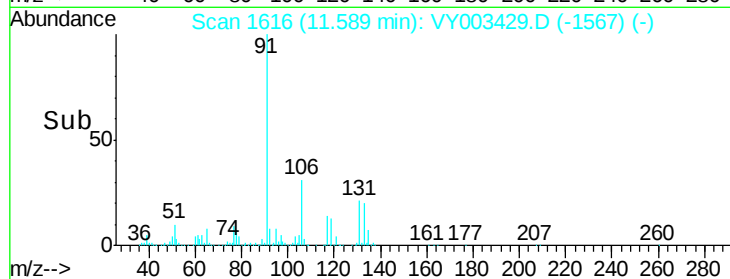
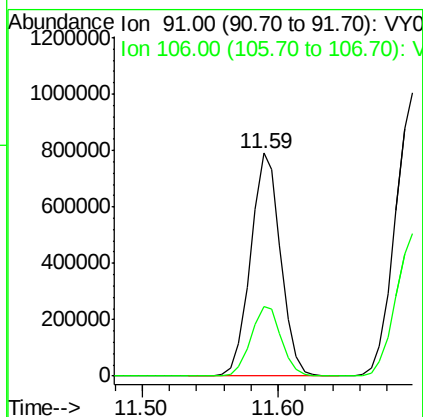
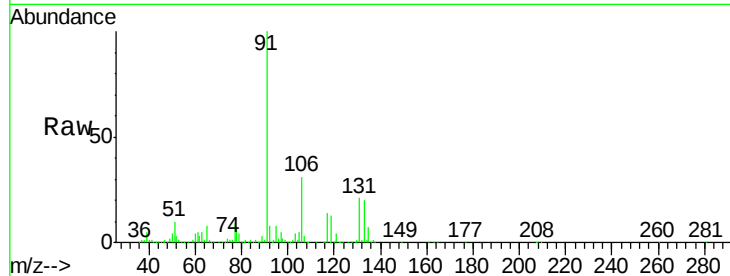




#67
Ethyl Benzene
Concen: 49.399 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003429.D
Acq: 03 Aug 2020 20:02

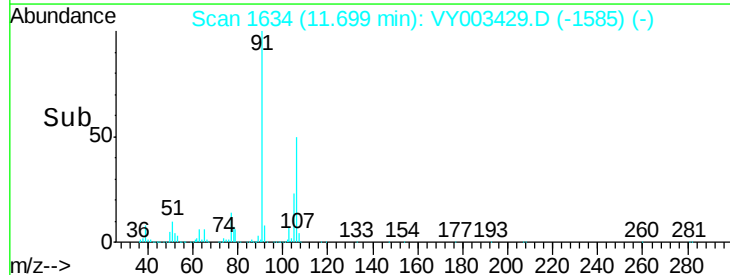
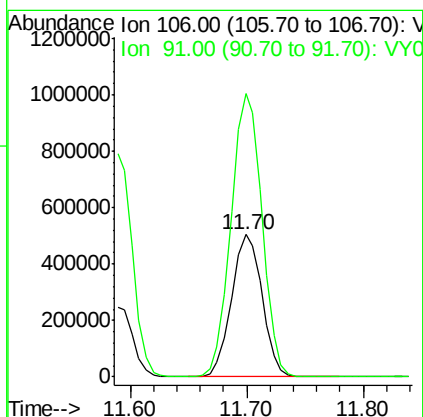
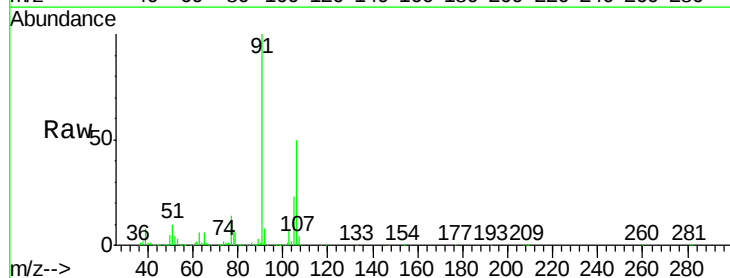
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

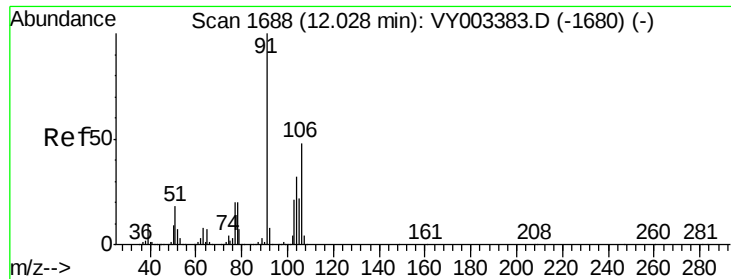
Tot Ion: 91 Resp: 1222207
Ion Ratio Lower Upper
91 100
106 31.3 24.4 36.6



#68
m/p-Xylenes
Concen: 99.074 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY003429.D
Acq: 03 Aug 2020 20:02

Tgt Ion: 106 Resp: 924105
Ion Ratio Lower Upper
106 100
91 200.9 161.0 241.6

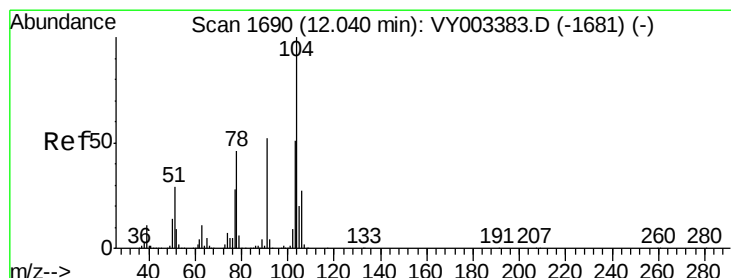
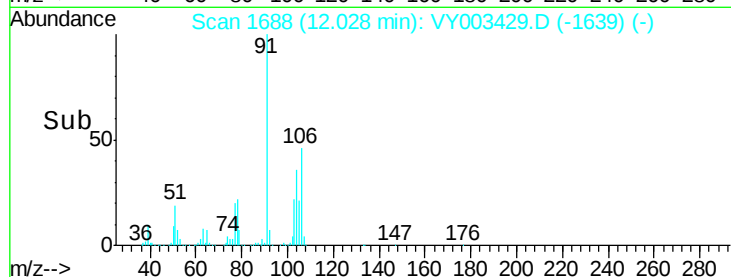
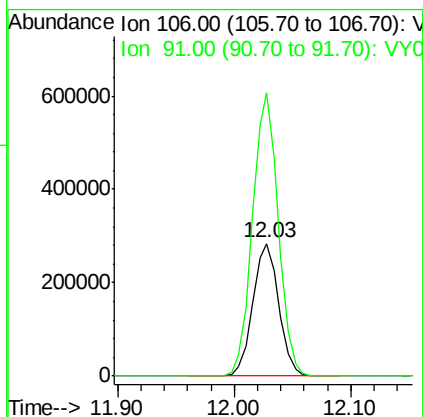
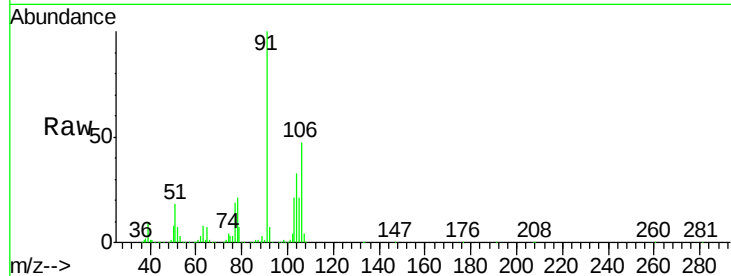




#69
o-Xylene
Concen: 50.450 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003429.D
Acq: 03 Aug 2020 20:02

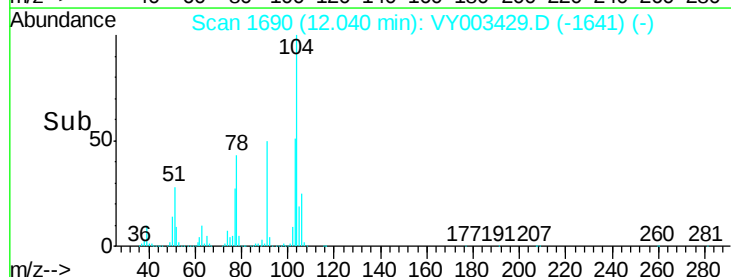
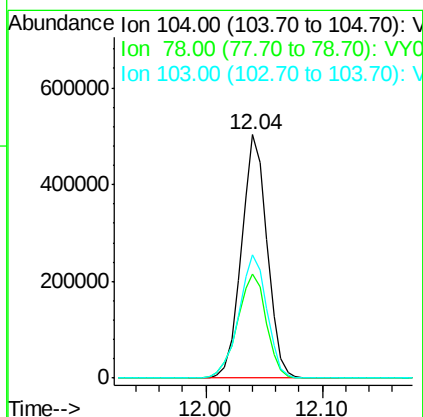
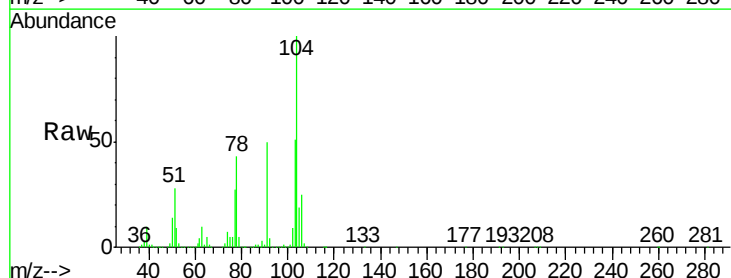
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

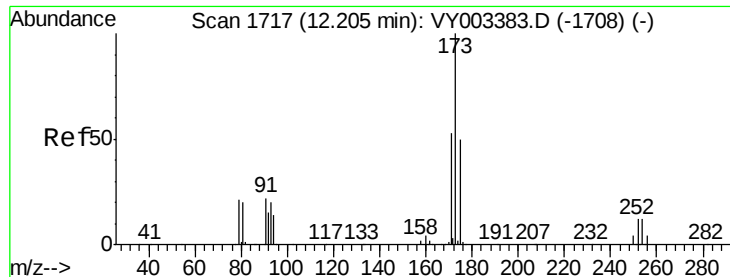
Tot Ion:106 Resp: 440500
Ion Ratio Lower Upper
106 100
91 211.6 104.6 313.7



#70
Styrene
Concen: 51.631 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003429.D
Acq: 03 Aug 2020 20:02

Tgt Ion:104 Resp: 771381
Ion Ratio Lower Upper
104 100
78 48.1 39.3 58.9
103 55.4 43.7 65.5





#71

Bromoform

Concen: 52.606 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY003429.D

Acq: 03 Aug 2020 20:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

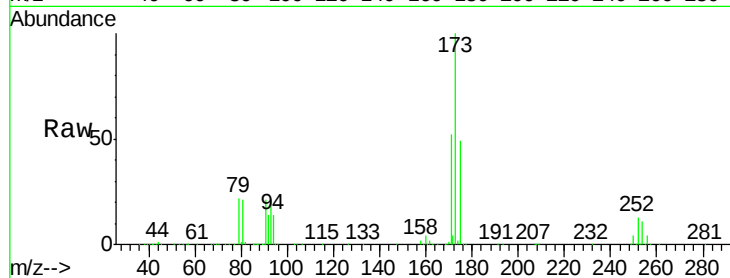
Tot Ion:173 Resp: 182453

Ion Ratio Lower Upper

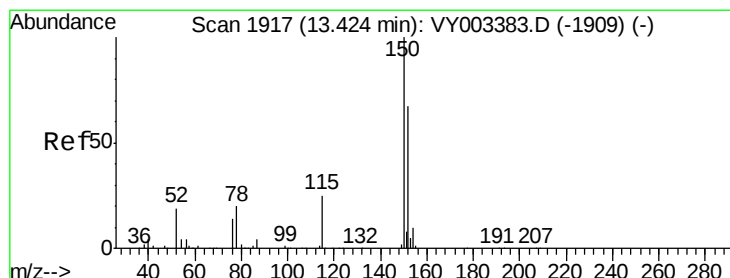
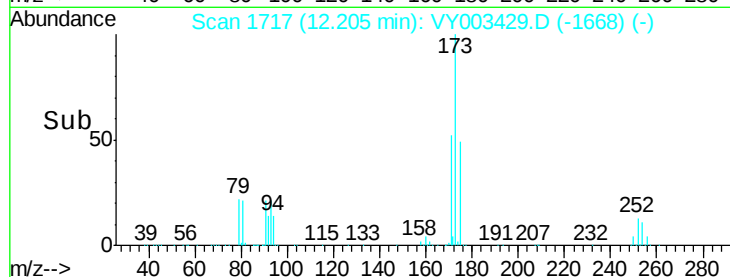
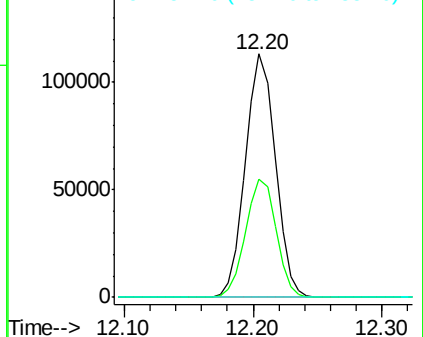
173 100

175 49.4 24.1 72.2

254 0.3 0.2 0.2#



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: VY003429.D

Acq: 03 Aug 2020 20:02

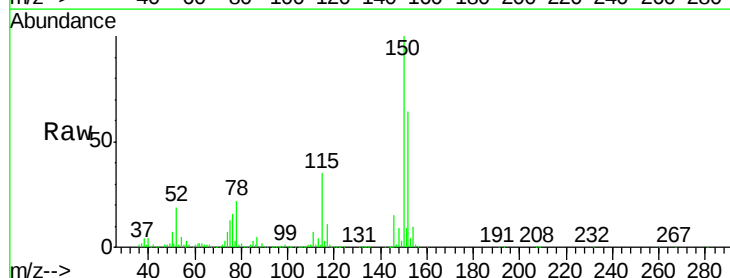
Tgt Ion:152 Resp: 374836

Ion Ratio Lower Upper

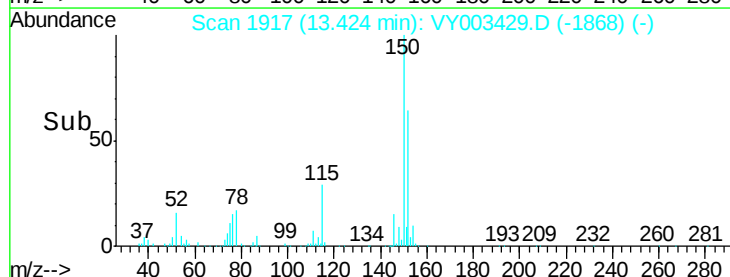
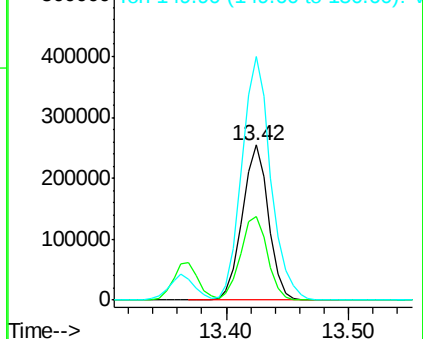
152 100

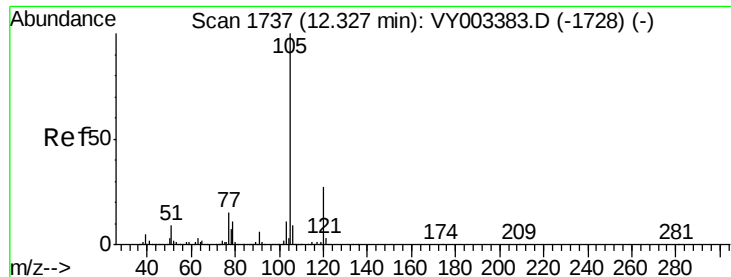
115 55.4 27.2 81.5

150 173.9 0.0 346.8



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: 49.229 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003429.D

Acq: 03 Aug 2020 20:02

Instrument :

MSVOA_Y

ClientSampleId :

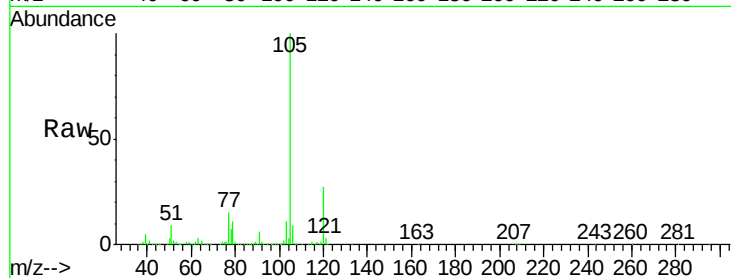
VSTDCCC050EC

Tot Ion:105 Resp: 1192620

Ion Ratio Lower Upper

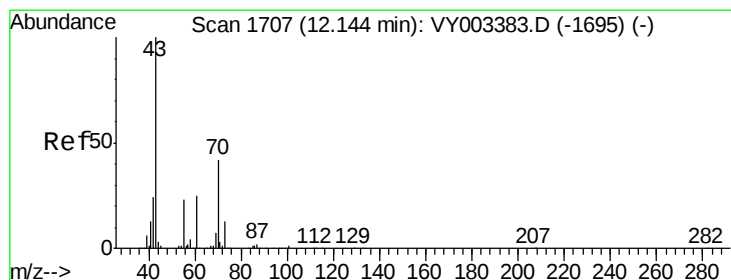
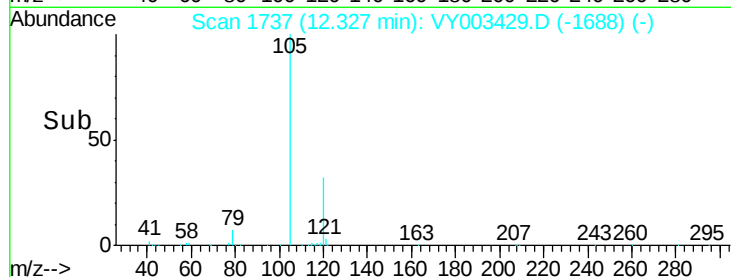
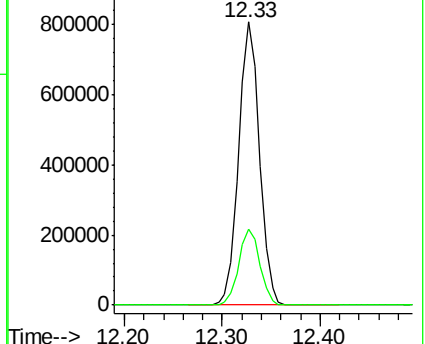
105 100

120 27.2 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.886 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY003429.D

Acq: 03 Aug 2020 20:02

Tgt Ion: 43 Resp: 377613

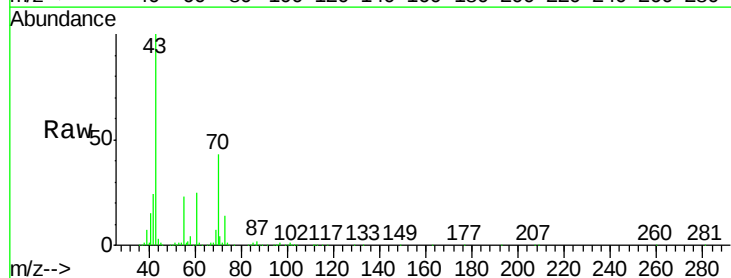
Ion Ratio Lower Upper

43 100

70 43.2 33.6 50.4

55 23.6 18.5 27.7

61 25.0 19.8 29.8

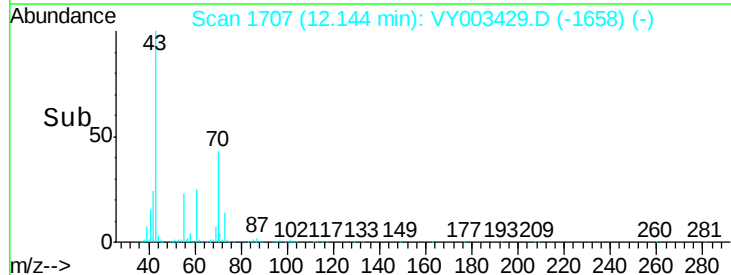
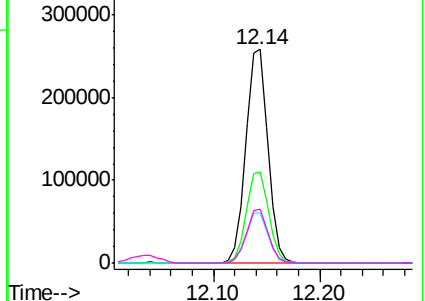


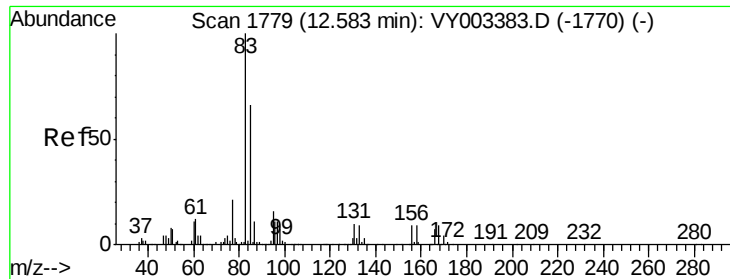
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 52.776 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003429.D

Acq: 03 Aug 2020 20:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

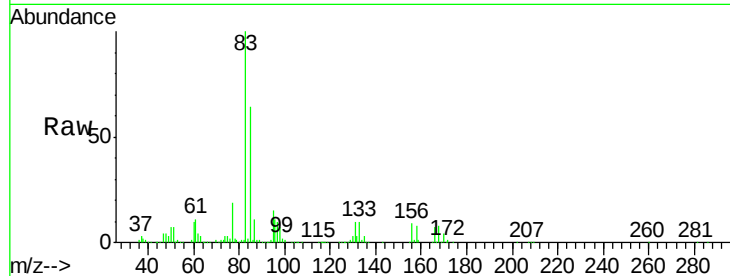
Tot Ion: 83 Resp: 253250

Ion Ratio Lower Upper

83 100

131 10.9 5.3 16.1

85 64.4 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VY003383.D (-1770) (-)

Ion 130.80 (130.50 to 131.50): VY003383.D (-1770) (-)

Ion 84.90 (84.60 to 85.60): VY003383.D (-1770) (-)

12.58

150000

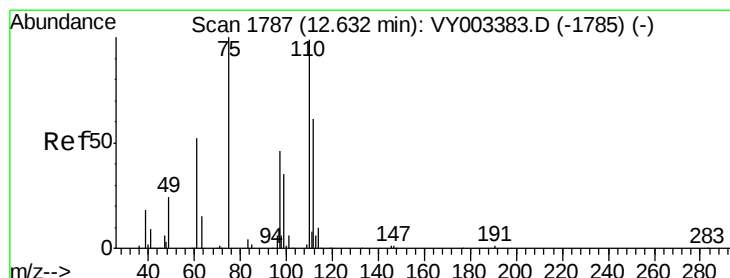
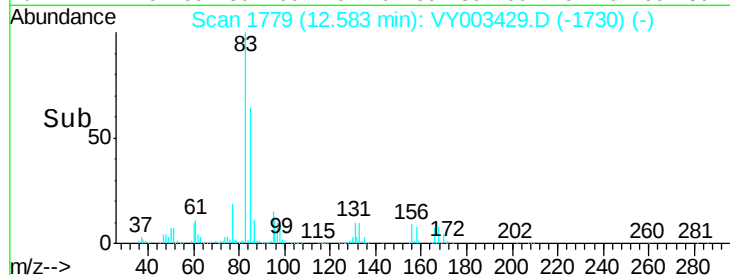
100000

50000

0

12.50 12.55 12.60

Time-->



#76

1,2,3-Trichloropropane

Concen: 101.572 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY003429.D

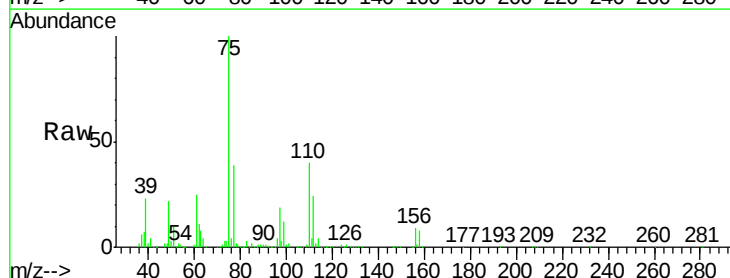
Acq: 03 Aug 2020 20:02

Tgt Ion: 75 Resp: 342028

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY003383.D (-1785) (-)

Ion 77.00 (76.70 to 77.70): VY003383.D (-1785) (-)

300000

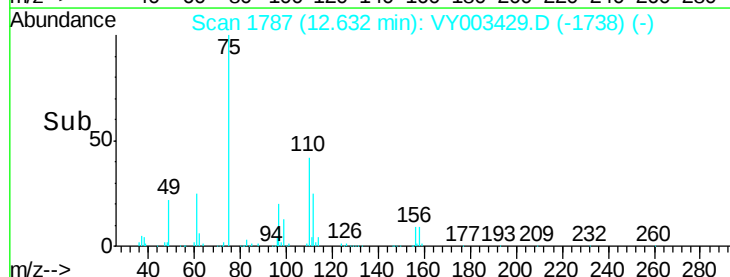
200000

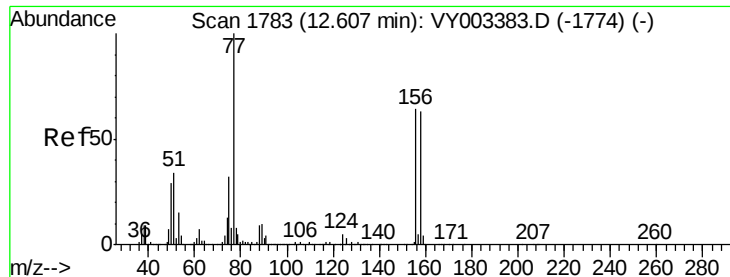
100000

0

12.50 12.60 12.70

Time-->





#77

Bromobenzene

Concen: 50.014 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003429.D

Acq: 03 Aug 2020 20:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

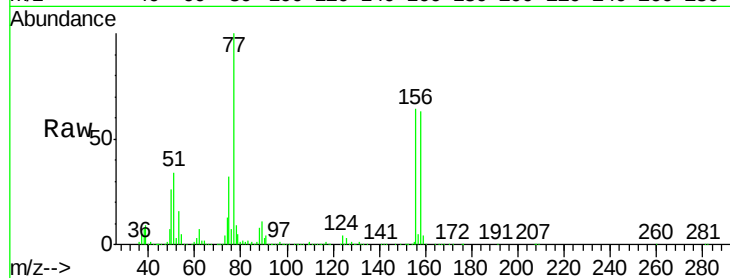
Tot Ion:156 Resp: 307855

Ion Ratio Lower Upper

156 100

77 177.7 87.5 262.5

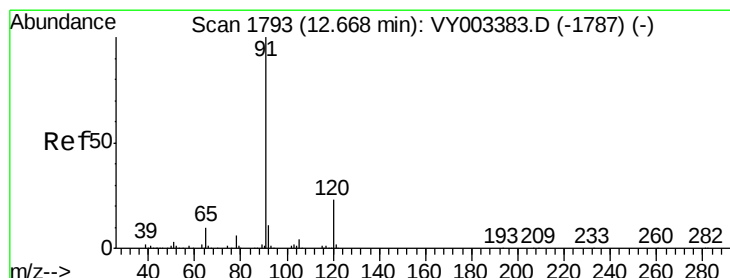
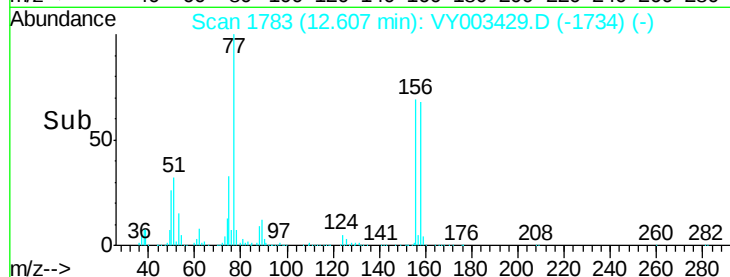
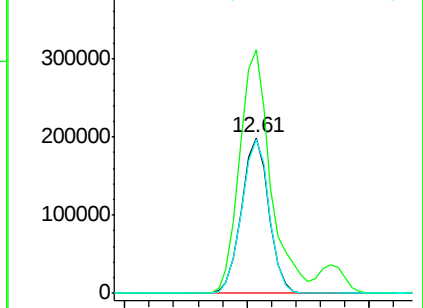
158 99.3 48.7 146.1



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: 49.172 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY003429.D

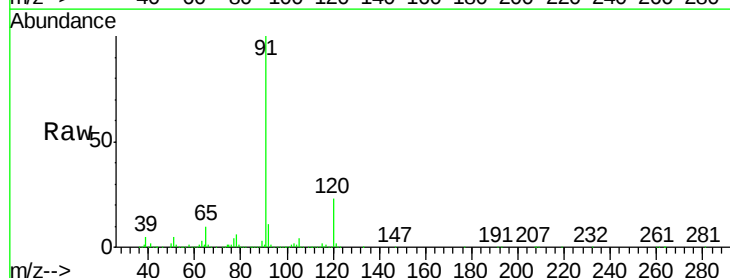
Acq: 03 Aug 2020 20:02

Tgt Ion: 91 Resp: 1425707

Ion Ratio Lower Upper

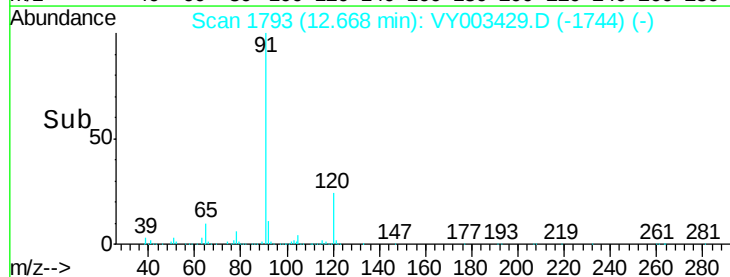
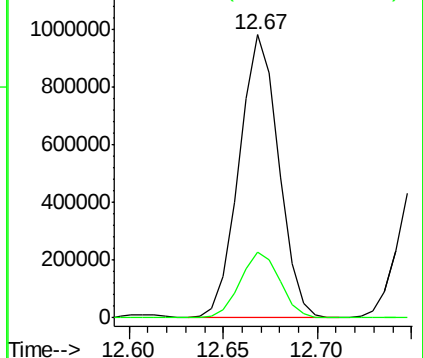
91 100

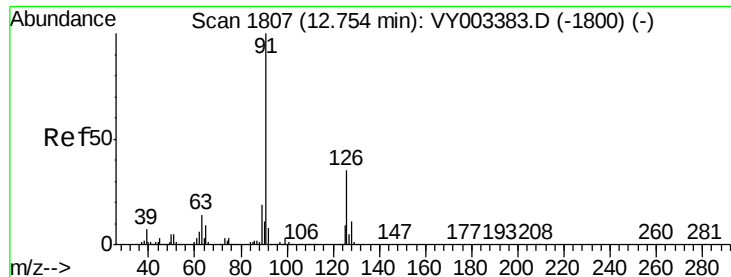
120 23.4 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.560 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY003429.D

Acq: 03 Aug 2020 20:02

Instrument :

MSVOA_Y

ClientSampleId :

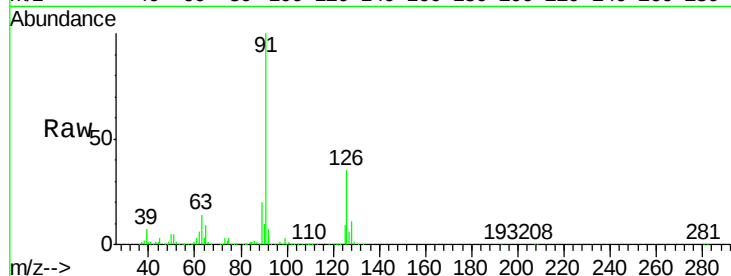
VSTDCCC050EC

Tot Ion: 91 Resp: 797293

Ion Ratio Lower Upper

91 100

126 35.7 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VY003383.D (-1800) (-)

Ion 125.90 (125.60 to 126.60): VY003383.D (-1800) (-)

1000000

800000

600000

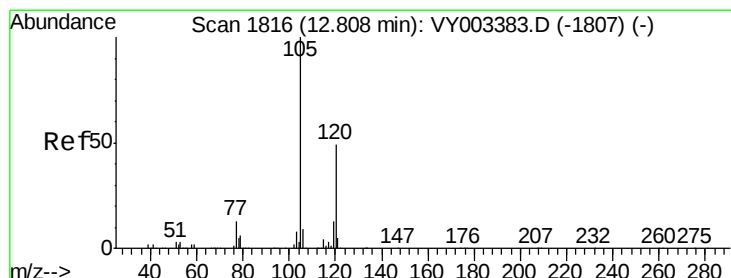
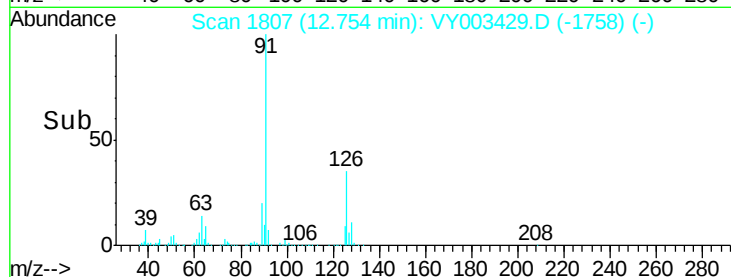
400000

200000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 49.999 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY003429.D

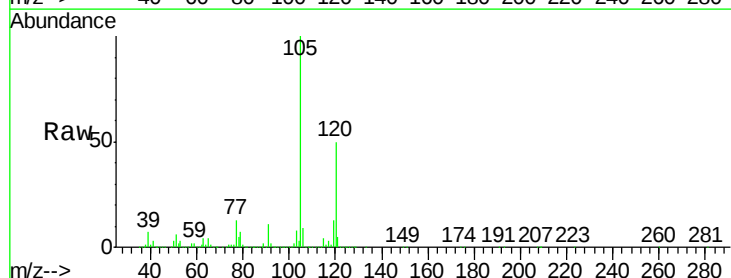
Acq: 03 Aug 2020 20:02

Tgt Ion: 105 Resp: 1016959

Ion Ratio Lower Upper

105 100

120 49.7 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VY003383.D (-1807) (-)

Ion 120.00 (119.70 to 120.70): VY003383.D (-1807) (-)

800000

600000

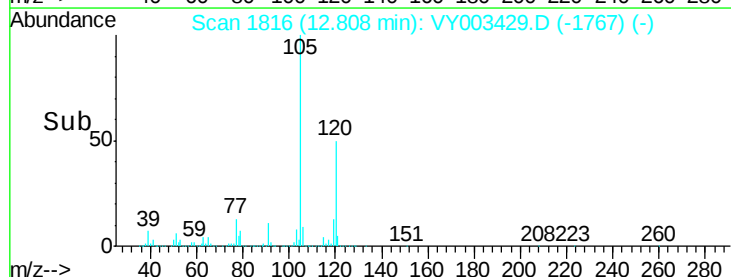
400000

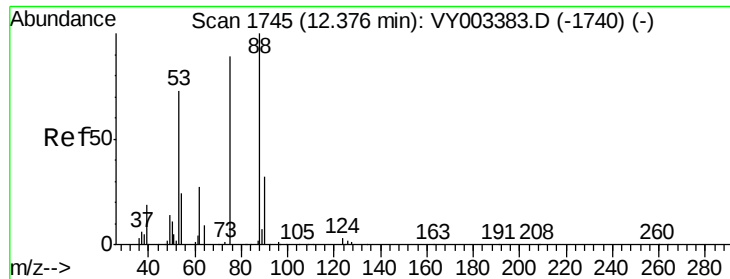
200000

0

12.70 12.80 12.90

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 52.611 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY003429.D

Acq: 03 Aug 2020 20:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

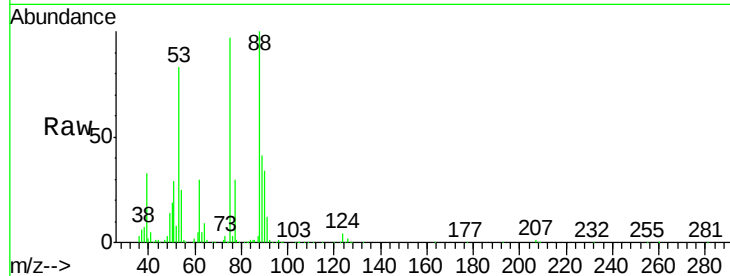
Tot Ion: 75 Resp: 93674

Ion Ratio Lower Upper

75 100

53 85.0 69.5 104.3

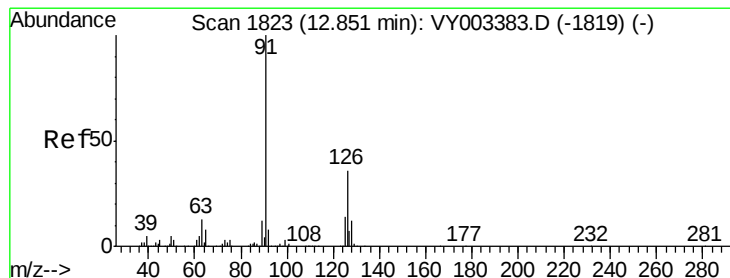
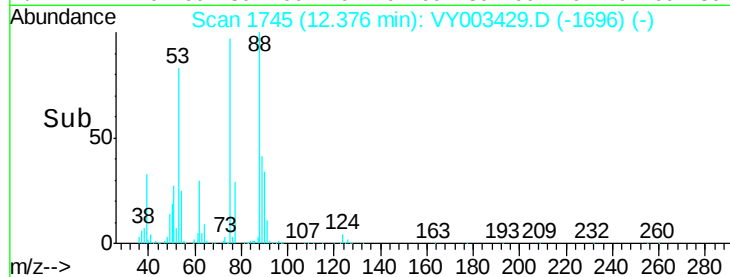
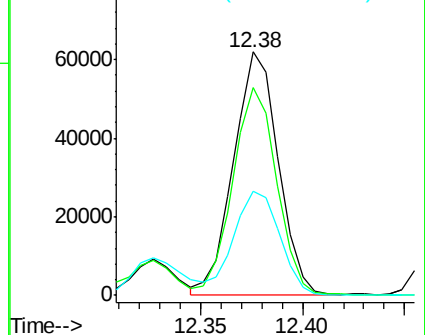
89 44.6 33.8 50.6



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: 49.584 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY003429.D

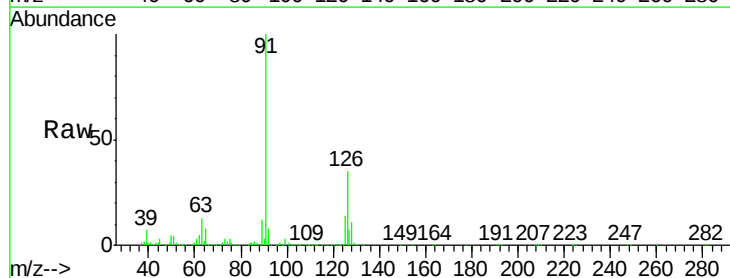
Acq: 03 Aug 2020 20:02

Tgt Ion: 91 Resp: 828898

Ion Ratio Lower Upper

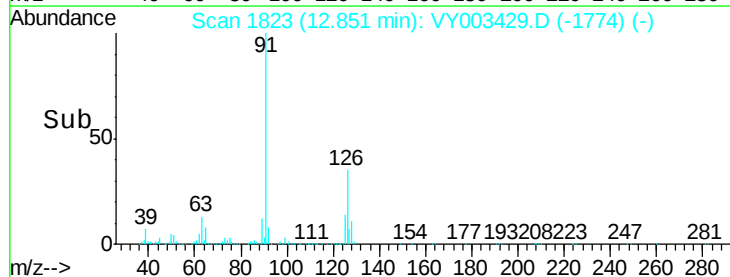
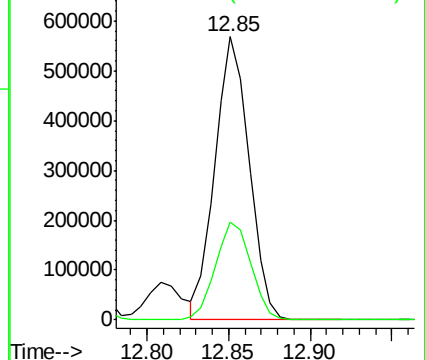
91 100

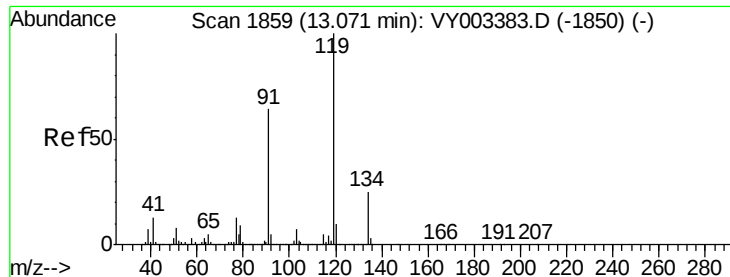
126 36.0 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 49.424 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. -0.00 min

Lab File: VY003429.D

Acq: 03 Aug 2020 20:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

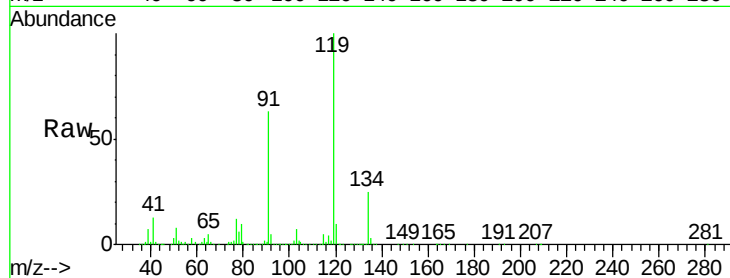
Tot Ion:119 Resp: 872748

Ion Ratio Lower Upper

119 100

91 63.7 31.8 95.3

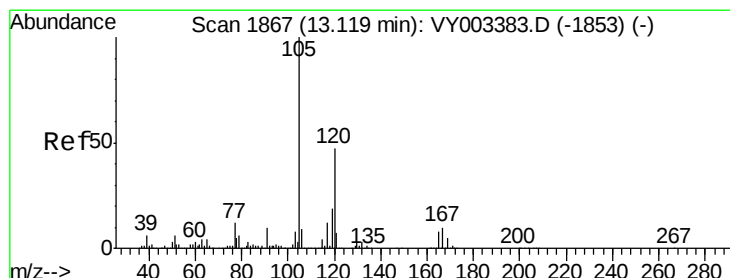
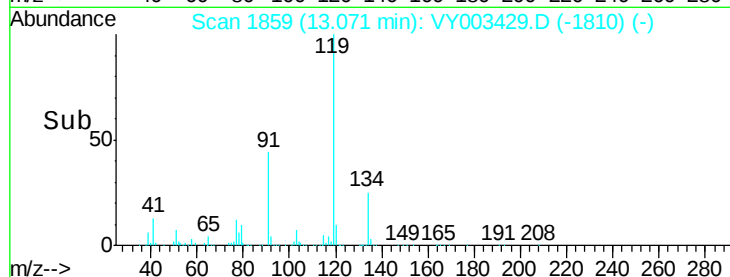
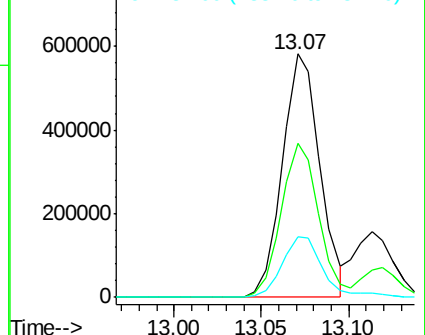
134 27.3 13.6 40.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 50.269 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY003429.D

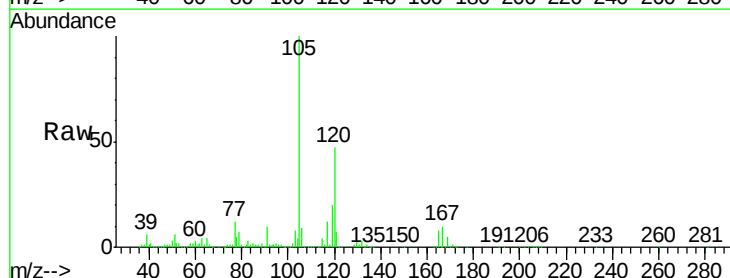
Acq: 03 Aug 2020 20:02

Tgt Ion:105 Resp: 1027669

Ion Ratio Lower Upper

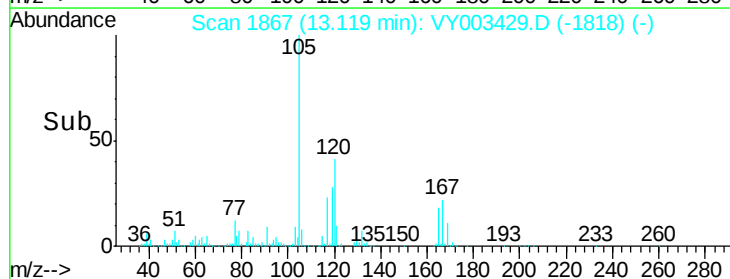
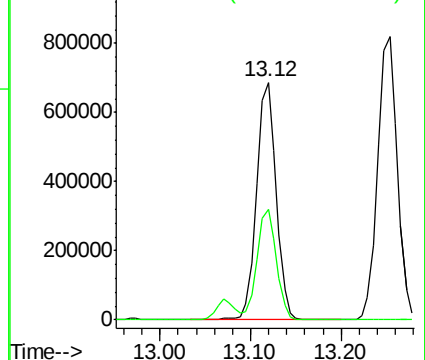
105 100

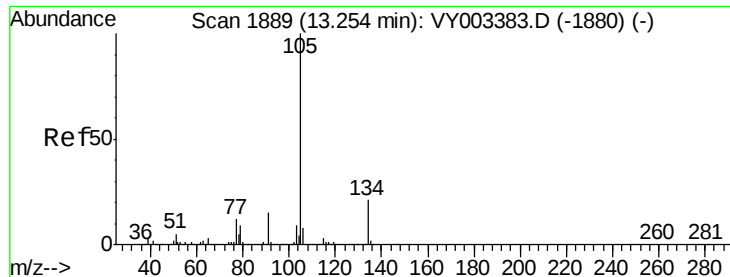
120 46.3 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 49.958 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003429.D

Acq: 03 Aug 2020 20:02

Instrument :

MSVOA_Y

ClientSampleId :

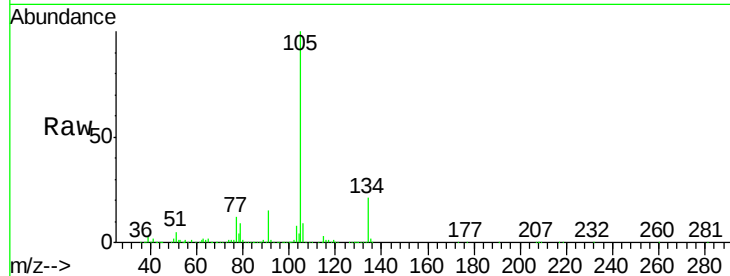
VSTDCCC050EC

Tot Ion:105 Resp: 1227110

Ion Ratio Lower Upper

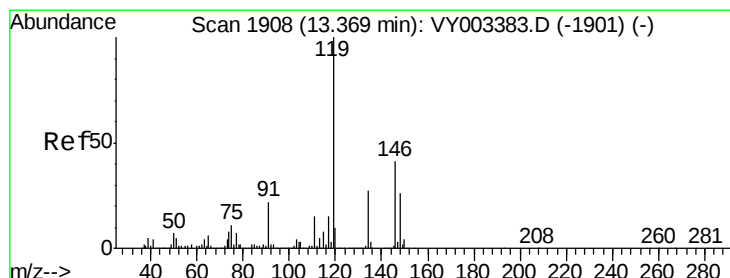
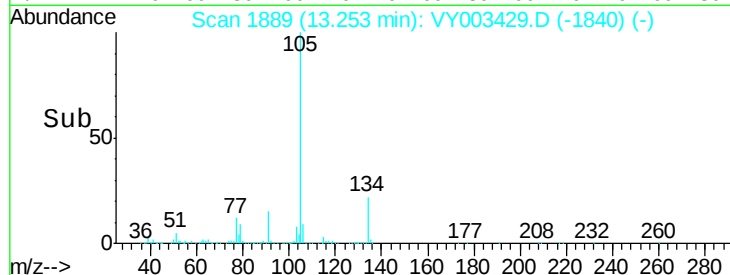
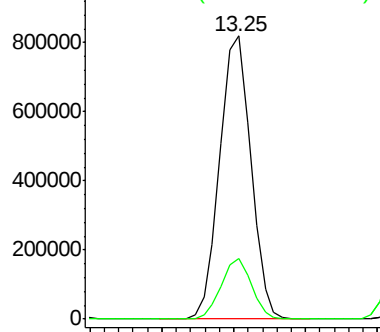
105 100

134 20.8 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.927 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003429.D

Acq: 03 Aug 2020 20:02

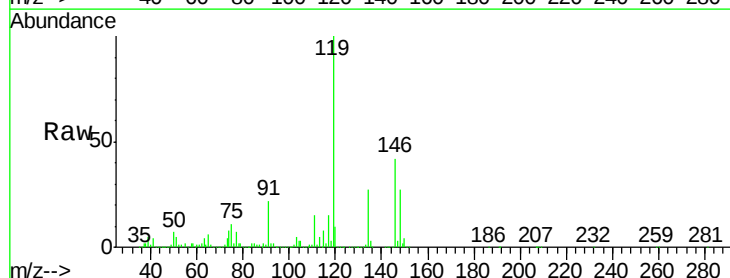
Tgt Ion:119 Resp: 1147001

Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.4

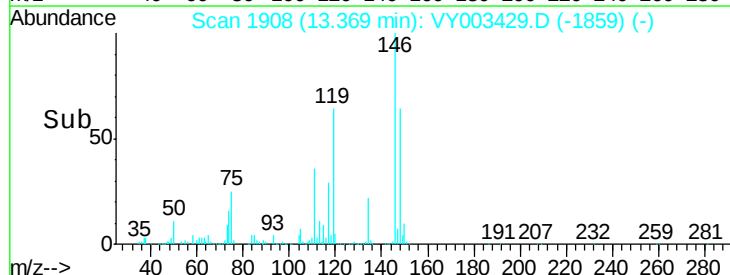
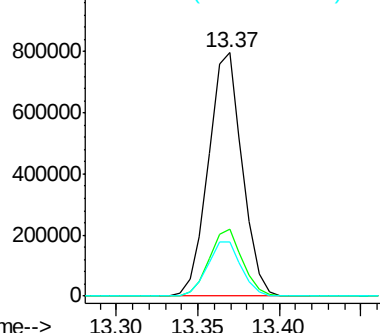
91 22.3 11.4 34.1

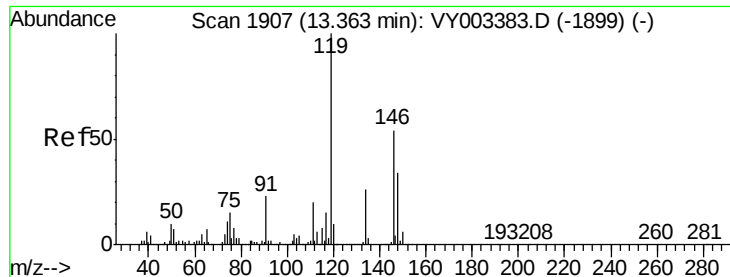


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 50.192 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.00 min

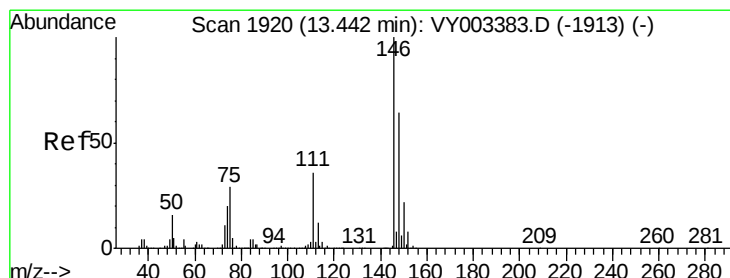
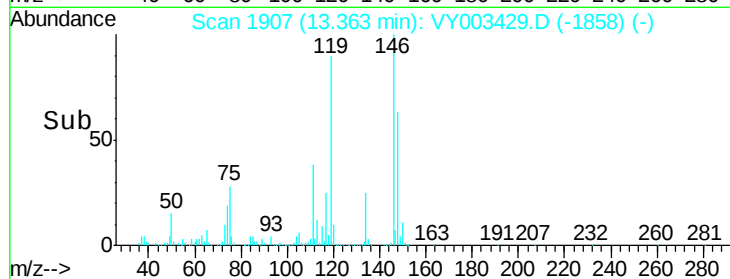
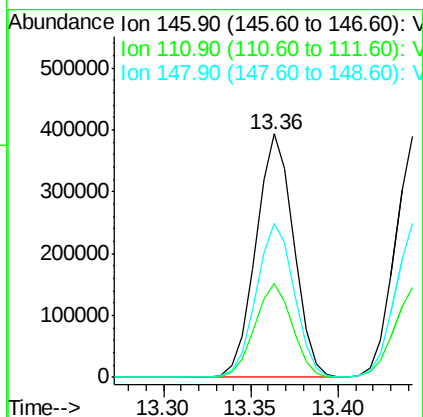
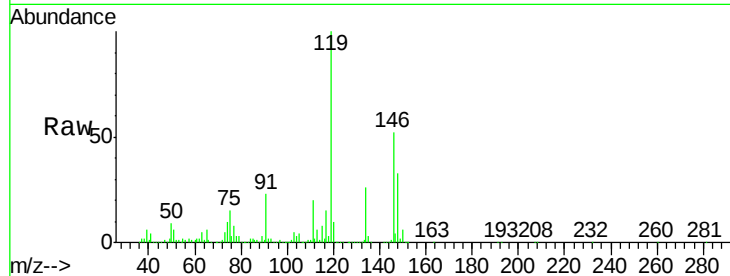
Lab File: VY003429.D

Acq: 03 Aug 2020 20:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:146 Resp: 590144

Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.8	56.4
148	63.5	31.9	95.9



#88

1,4-Dichlorobenzene

Concen: 49.915 ug/l

RT: 13.44 min Scan# 1920

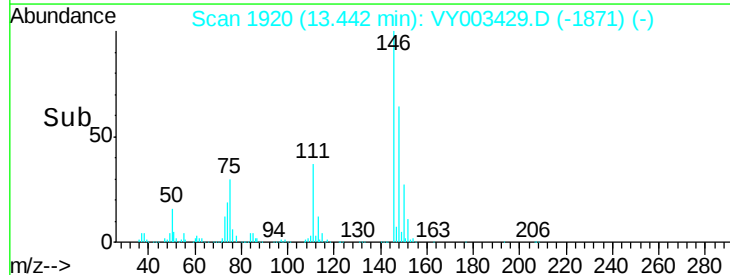
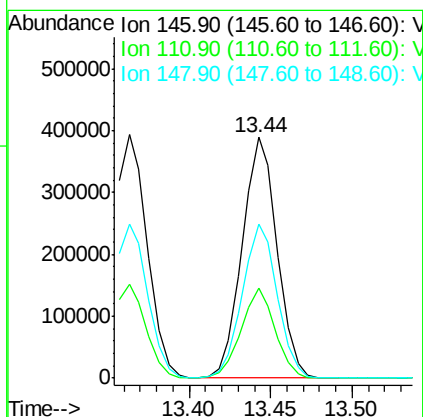
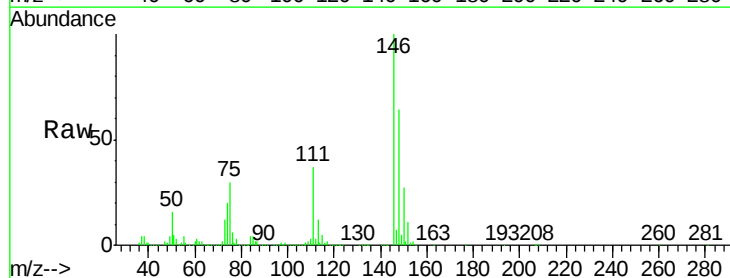
Delta R.T. -0.00 min

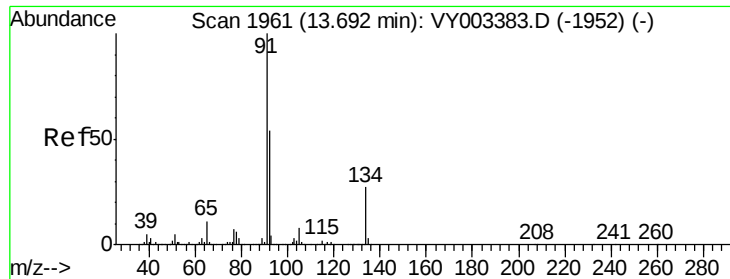
Lab File: VY003429.D

Acq: 03 Aug 2020 20:02

Tgt Ion:146 Resp: 578639

Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.1	54.3
148	64.2	32.1	96.3

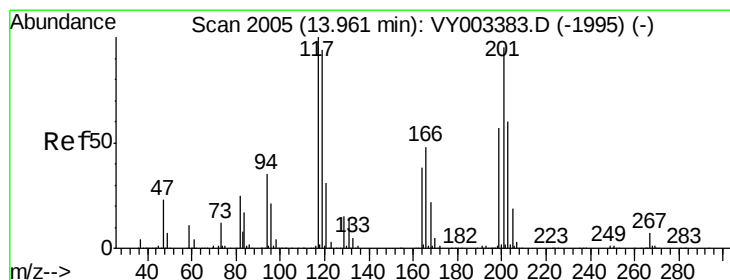
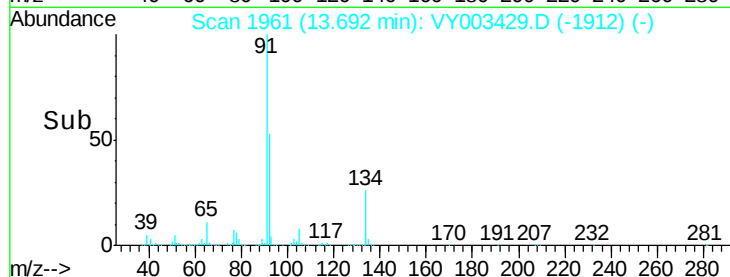
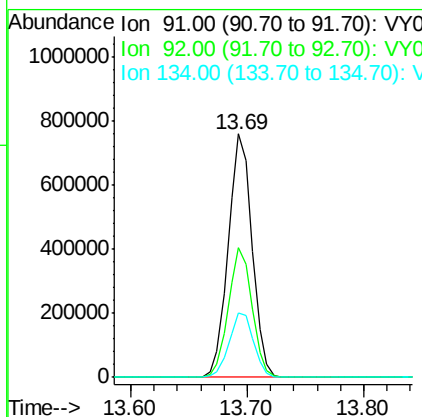
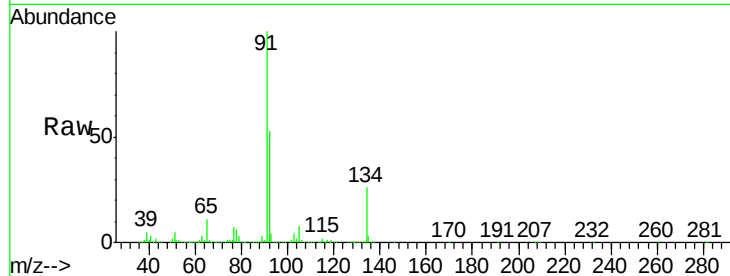




#89
n-Butylbenzene
Concen: 49.573 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY003429.D
Acq: 03 Aug 2020 20:02

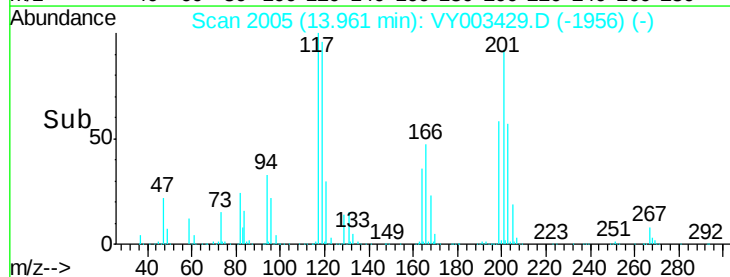
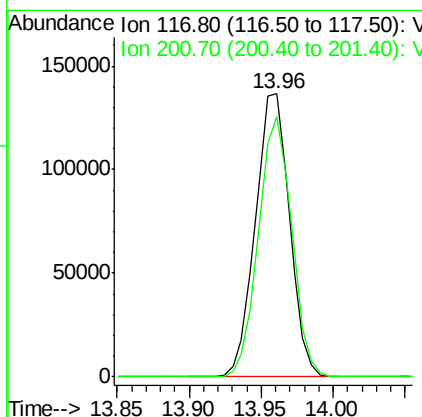
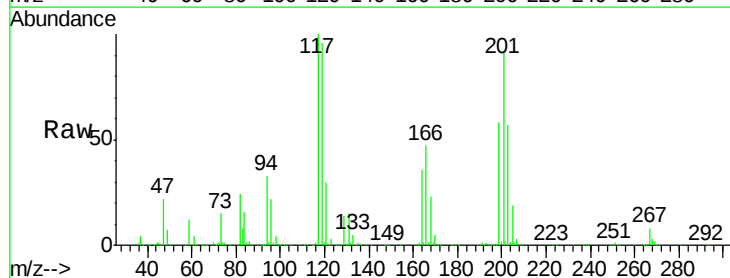
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

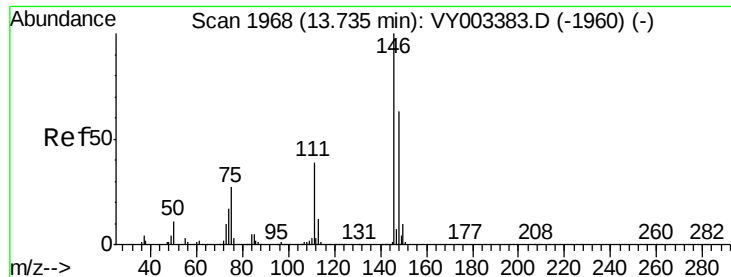
Tot Ion: 91 Resp: 1076276
Ion Ratio Lower Upper
91 100
92 53.1 26.9 80.6
134 27.0 13.6 40.7



#90
Hexachloroethane
Concen: 50.838 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003429.D
Acq: 03 Aug 2020 20:02

Tgt Ion: 117 Resp: 223735
Ion Ratio Lower Upper
117 100
201 89.3 44.7 134.1





#91

1,2-Dichlorobenzene

Concen: 51.148 ug/l

RT: 13.74 min Scan# 1968

Delta R.T. -0.00 min

Lab File: VY003429.D

Acq: 03 Aug 2020 20:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

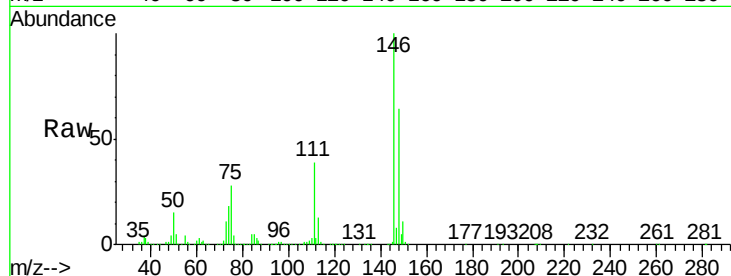
Tot Ion:146 Resp: 530866

Ion Ratio Lower Upper

146 100

111 38.3 19.2 57.6

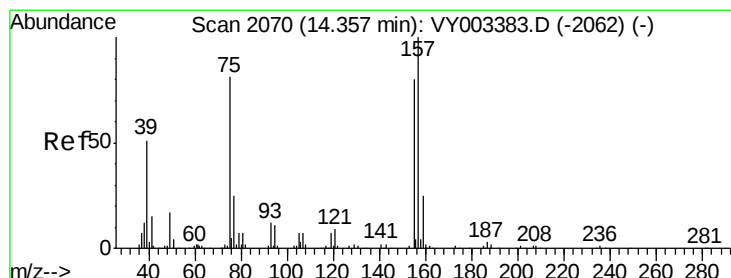
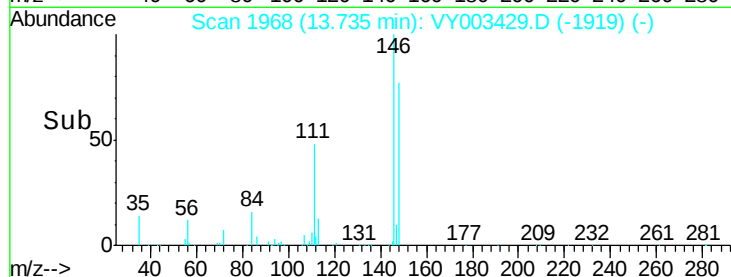
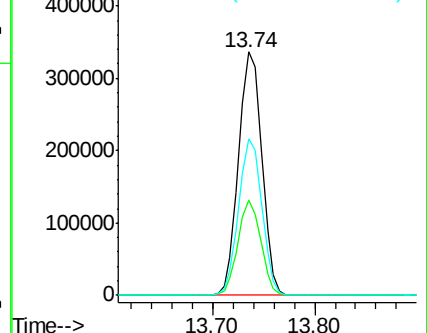
148 64.1 32.1 96.5



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: 52.624 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VY003429.D

Acq: 03 Aug 2020 20:02

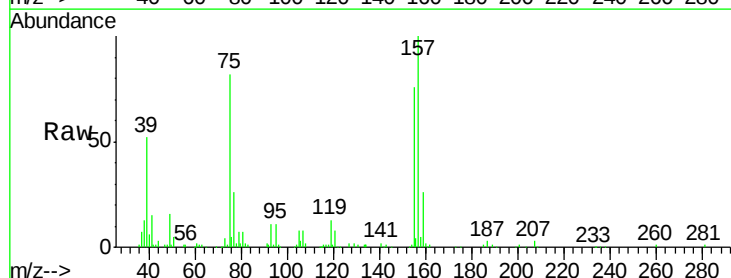
Tgt Ion: 75 Resp: 40683

Ion Ratio Lower Upper

75 100

155 94.3 48.8 146.4

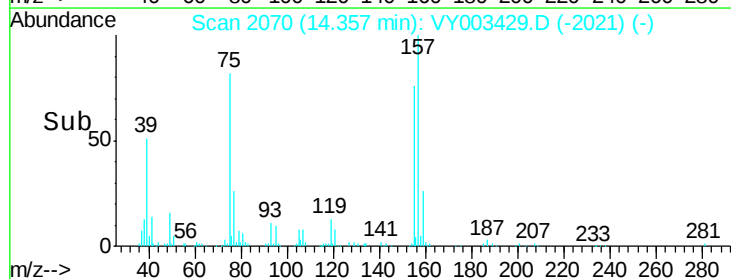
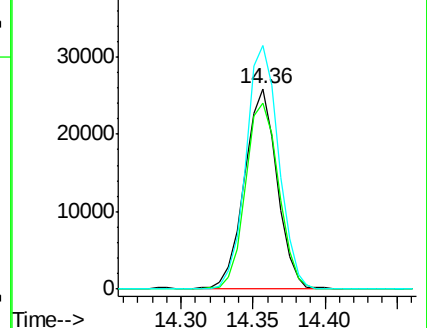
157 121.4 60.9 182.6

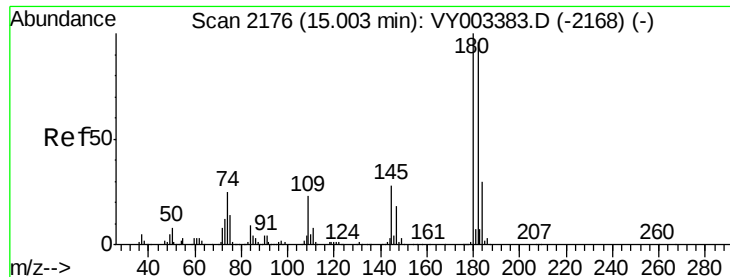


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

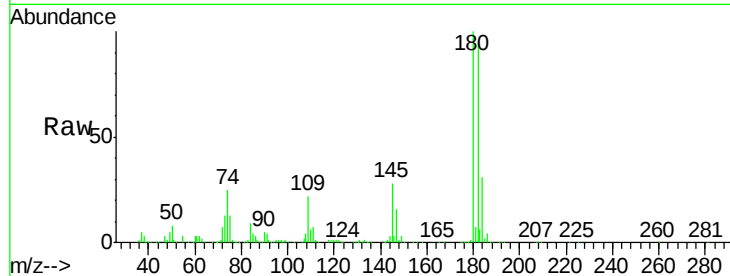




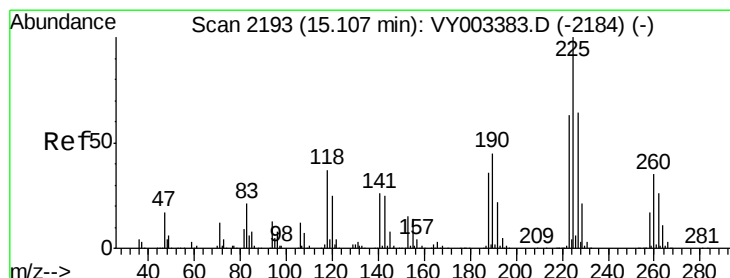
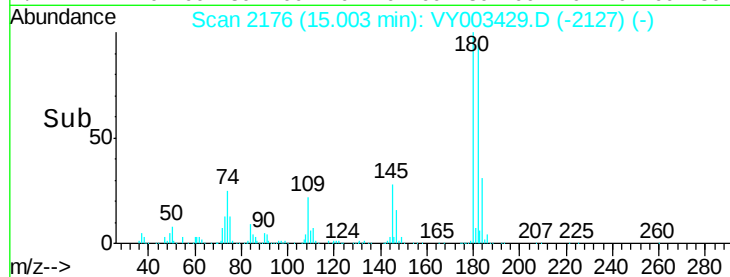
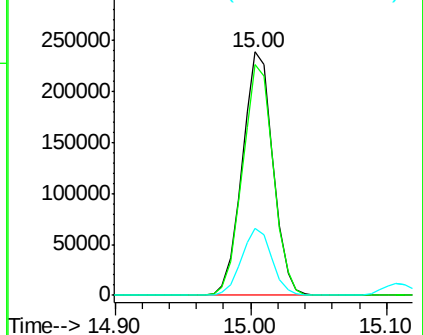
#93
 1,2,4-Trichlorobenzene
 Concen: 51.115 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY003429.D
 Acq: 03 Aug 2020 20:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 375954
 Ion Ratio Lower Upper
 180 100
 182 95.2 48.2 144.6
 145 27.2 13.8 41.3

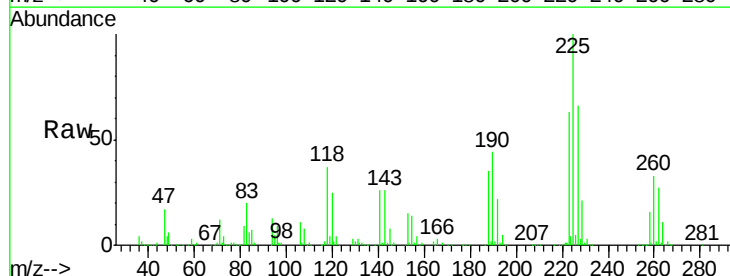


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

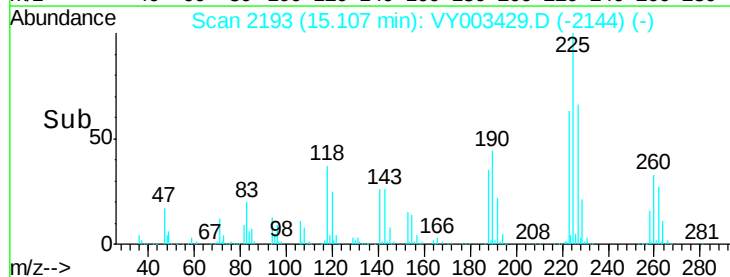
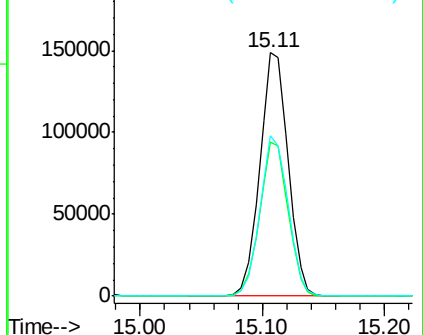


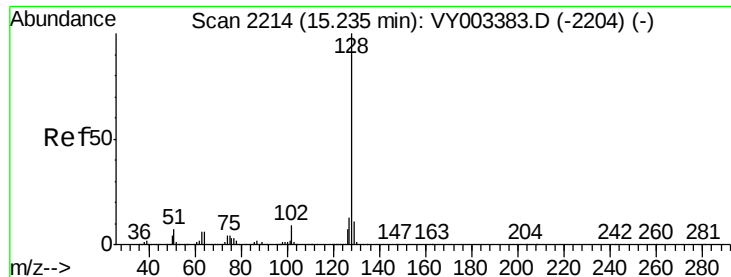
#94
 Hexachlorobutadiene
 Concen: 49.135 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY003429.D
 Acq: 03 Aug 2020 20:02

Tgt Ion:225 Resp: 239333
 Ion Ratio Lower Upper
 225 100
 223 63.5 31.6 94.8
 227 65.3 32.0 96.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

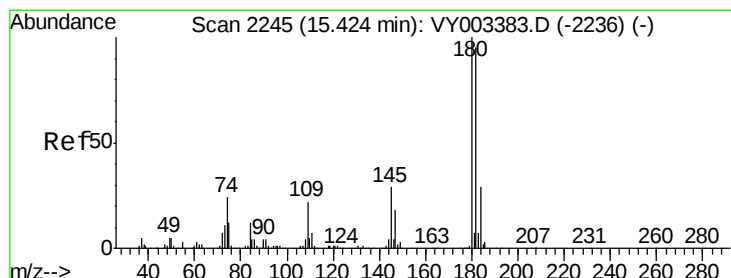
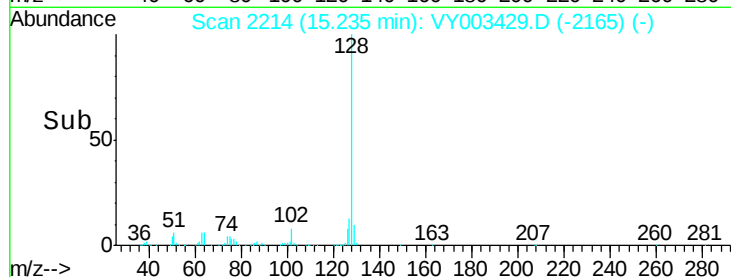
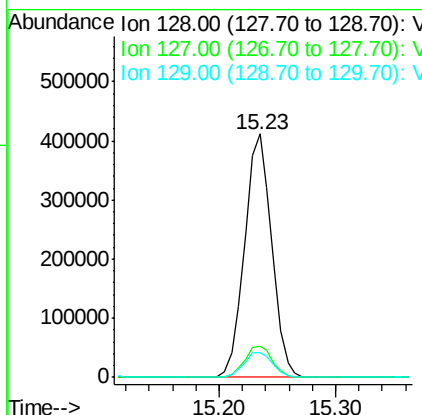
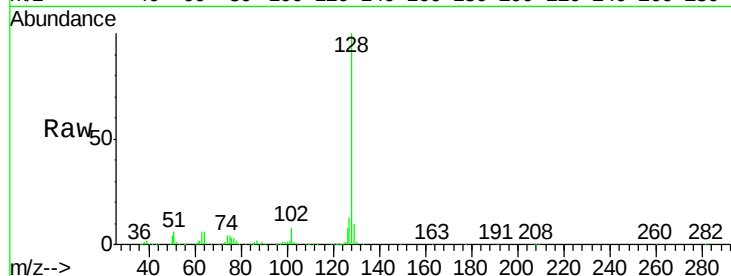




#95
Naphthalene
Concen: 53.718 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003429.D
Acq: 03 Aug 2020 20:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 669275
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 52.023 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY003429.D
Acq: 03 Aug 2020 20:02

Tgt Ion:180 Resp: 309565
Ion Ratio Lower Upper
180 100
182 94.5 47.4 142.2
145 29.3 14.5 43.5

