

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042420\
 Data File : VY002483.D
 Acq On : 24 Apr 2020 16:00
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 25 06:24:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 14:11:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	336046	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	488113	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	392962	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	206715	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	131999	44.94	ug/l	0.00
Spiked Amount			Recovery	=	89.88%	
35) Dibromofluoromethane	7.74	113	131615	47.80	ug/l	0.00
Spiked Amount			Recovery	=	95.60%	
50) Toluene-d8	10.19	98	502301	45.39	ug/l	0.00
Spiked Amount			Recovery	=	90.78%	
62) 4-Bromofluorobenzene	12.49	95	153472	41.33	ug/l	0.00
Spiked Amount			Recovery	=	82.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	125715	51.082	ug/l	97
3) Chloromethane	2.13	50	146984	46.941	ug/l	98
4) Vinyl Chloride	2.26	62	108846	48.387	ug/l	94
5) Bromomethane	2.66	94	85911	68.048	ug/l	92
6) Chloroethane	2.81	64	68072	57.150	ug/l	98
7) Trichlorofluoromethane	3.15	101	206470	50.619	ug/l	100
8) Diethyl Ether	3.55	74	91570	54.464	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.92	101	156266	55.655	ug/l	100
10) Methyl Iodide	4.11	142	235781	54.435	ug/l	99
11) Tert butyl alcohol	4.99	59	69737	252.266	ug/l	99
12) 1,1-Dichloroethene	3.90	96	157975	54.915	ug/l	98
13) Acrolein	3.76	56	57879	261.548	ug/l	99
14) Allyl chloride	4.50	41	221100	52.300	ug/l	98
15) Acrylonitrile	5.19	53	208387	259.045	ug/l	99
16) Acetone	3.97	43	184154	300.015	ug/l	97
17) Carbon Disulfide	4.22	76	463881	51.714	ug/l	100
18) Methyl Acetate	4.50	43	97243	49.233	ug/l	99
19) Methyl tert-butyl Ether	5.25	73	406272	52.337	ug/l	98
20) Methylene Chloride	4.74	84	163992	46.795	ug/l	96
21) trans-1,2-Dichloroethene	5.25	96	167326	51.664	ug/l	98
22) Diisopropyl ether	6.14	45	423438	50.658	ug/l	100
23) Vinyl Acetate	6.09	43	1376936	259.239	ug/l	100
24) 1,1-Dichloroethane	6.05	63	259336	51.245	ug/l	98
25) 2-Butanone	7.01	43	244745	260.264	ug/l	99
26) 2,2-Dichloropropane	7.01	77	253393	52.356	ug/l	100
27) cis-1,2-Dichloroethene	7.01	96	181505	51.525	ug/l	99
28) Bromochloromethane	7.36	49	87935	44.539	ug/l	98
29) Tetrahydrofuran	7.37	42	157748	253.017	ug/l	100
30) Chloroform	7.53	83	267395	49.624	ug/l	98
31) Cyclohexane	7.81	56	243625	48.142	ug/l	99
32) 1,1,1-Trichloroethane	7.73	97	264808	52.010	ug/l	100
36) 1,1-Dichloropropene	7.94	75	213033	50.900	ug/l	99
37) Ethyl Acetate	7.10	43	108307	51.510	ug/l	100
38) Carbon Tetrachloride	7.93	117	251647	52.285	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	283788	51.978	ug/l	98
40) Benzene	8.18	78	627456	51.869	ug/l	100
41) Methacrylonitrile	7.35	41	70004m	54.039	ug/l	
42) 1,2-Dichloroethane	8.26	62	180560	51.382	ug/l	100
43) Isopropyl Acetate	8.29	43	202570	51.510	ug/l	100
44) Trichloroethene	8.96	130	195855	51.778	ug/l	95
45) 1,2-Dichloropropane	9.23	63	145628	52.233	ug/l	98
46) Dibromomethane	9.32	93	85080	52.159	ug/l	97
47) Bromodichloromethane	9.51	83	213831	52.420	ug/l	97
48) Methyl methacrylate	9.31	41	92374	51.453	ug/l	97
49) 1,4-Dioxane	9.31	88	22280	1071.776	ug/l	95
51) 4-Methyl-2-Pentanone	10.08	43	518953	254.055	ug/l	99
52) Toluene	10.25	92	380111	48.814	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	177032	41.325	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	258200	52.659	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	74519	30.898	ug/l	96
56) Ethyl methacrylate	10.52	69	126171	38.286	ug/l	98
57) 1,3-Dichloropropane	10.80	76	151157	37.123	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	360295	226.088	ug/l	100
59) 2-Hexanone	10.84	43	265328	186.349	ug/l	98
60) Dibromochloromethane	10.99	129	137648	43.556	ug/l	99
61) 1,2-Dibromoethane	11.10	107	108522	45.377	ug/l	99
64) Tetrachloroethene	10.73	164	159966	44.417	ug/l	98
65) Chlorobenzene	11.52	112	406147	53.611	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	154019	54.184	ug/l	99
67) Ethyl Benzene	11.60	91	714695	52.934	ug/l	100
68) m/p-Xylenes	11.71	106	552219	106.245	ug/l	98
69) o-Xylene	12.03	106	259639	53.943	ug/l	99
70) Styrene	12.05	104	451387	53.859	ug/l	99
71) Bromoform	12.21	173	93930	52.455	ug/l #	98
73) Isopropylbenzene	12.33	105	714906	51.730	ug/l	100
74) N-amyl acetate	12.15	43	162772	49.704	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	107268	50.538	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	89804m	51.257	ug/l	
77) Bromobenzene	12.61	156	178164	51.403	ug/l	99
78) n-propylbenzene	12.67	91	823036	51.293	ug/l	100
79) 2-Chlorotoluene	12.76	91	450826	51.345	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	603464	51.449	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	47975	50.671	ug/l #	76
82) 4-Chlorotoluene	12.86	91	474642	52.304	ug/l	99
83) tert-Butylbenzene	13.08	119	525678	51.610	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	608400	54.064	ug/l	100
85) sec-Butylbenzene	13.26	105	728865	53.441	ug/l	99
86) p-Isopropyltoluene	13.38	119	698343	53.692	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	343314	53.554	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	338814	53.152	ug/l	100
89) n-Butylbenzene	13.70	91	621603	51.806	ug/l	99
90) Hexachloroethane	13.97	117	121422	51.649	ug/l	97
91) 1,2-Dichlorobenzene	13.75	146	305442	55.327	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	21093	50.057	ug/l	98

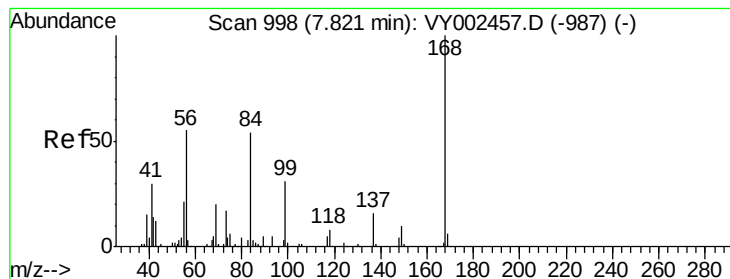
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY042420\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	224358	51.492	ug/l	99
94) Hexachlorobutadiene	15.12	225	135545	51.546	ug/l	99
95) Naphthalene	15.25	128	414142	51.249	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	191252	51.748	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.01 min

Lab File: VY002483.D

Acq: 24 Apr 2020 16:00

Instrument :

MSVOA_Y

ClientSampleId :

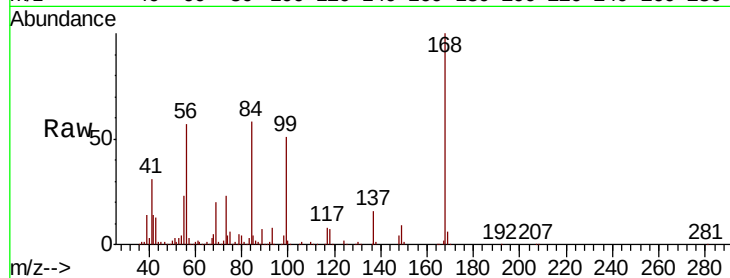
VSTDCCC050EC

Tot Ion:168 Resp: 336046

Ion Ratio Lower Upper

168 100

99 50.6 39.7 59.5



Abundance Ion 167.90 (167.60 to 168.60): VY002457.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY002457.D (-987) (-)

7.82

150000

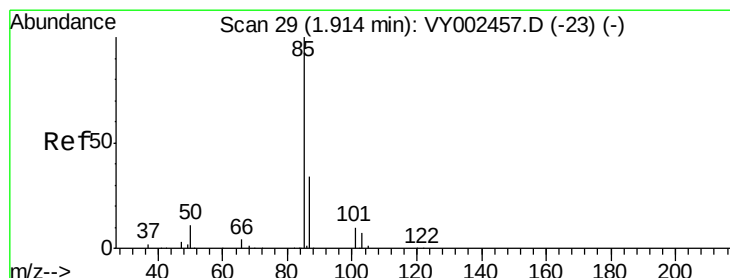
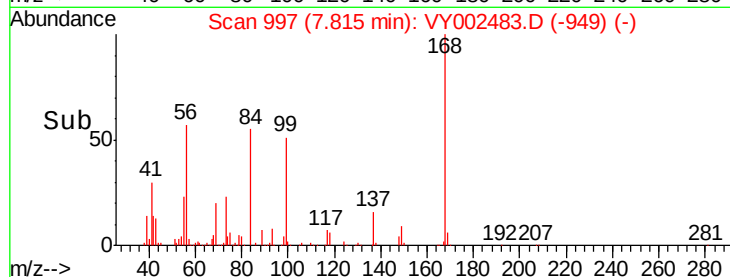
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 51.082 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.00 min

Lab File: VY002483.D

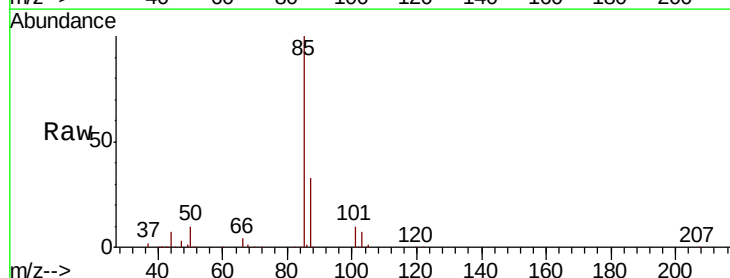
Acq: 24 Apr 2020 16:00

Tgt Ion: 85 Resp: 125715

Ion Ratio Lower Upper

85 100

87 32.6 17.1 51.3



Abundance Ion 84.90 (84.60 to 85.60): VY002457.D (-23) (-)

Ion 86.90 (86.60 to 87.60): VY002457.D (-23) (-)

1.91

100000

80000

60000

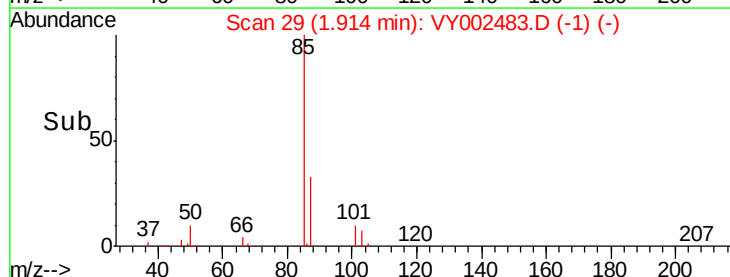
40000

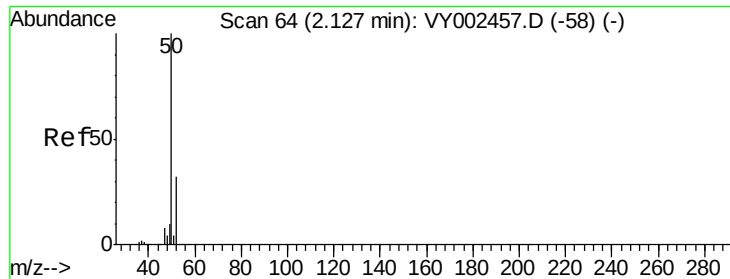
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 46.941 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.00 min

Lab File: VY002483.D

Acq: 24 Apr 2020 16:00

Instrument :

MSVOA_Y

ClientSampleId :

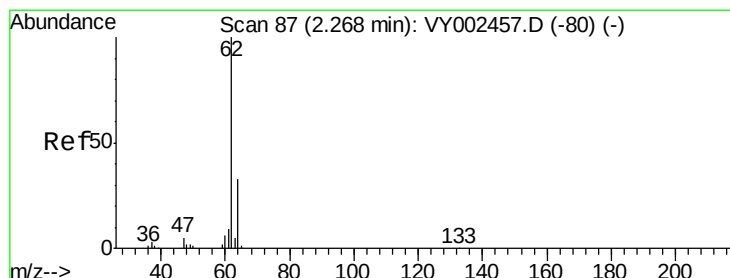
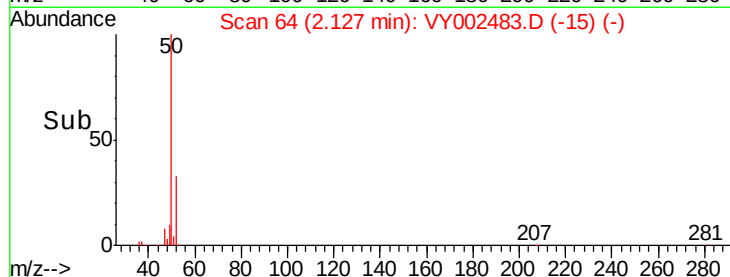
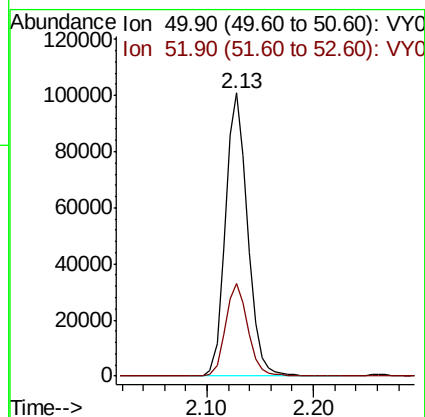
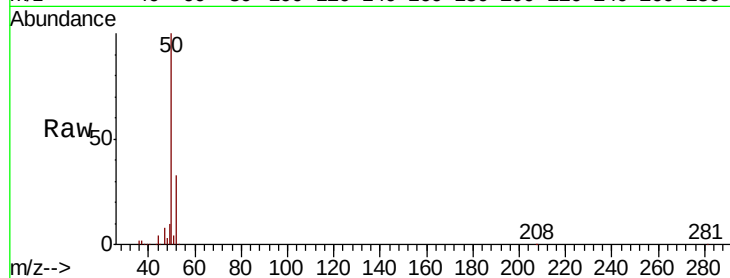
VSTDCCC050EC

Tot Ion: 50 Resp: 146984

Ion Ratio Lower Upper

50 100

52 32.7 25.2 37.8



#4

Vinyl Chloride

Concen: 48.387 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.01 min

Lab File: VY002483.D

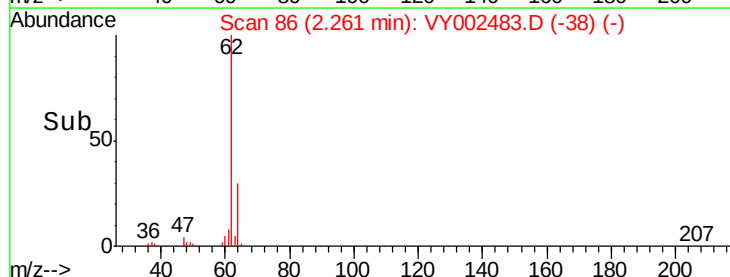
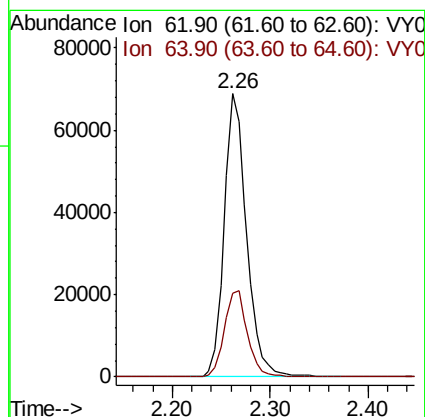
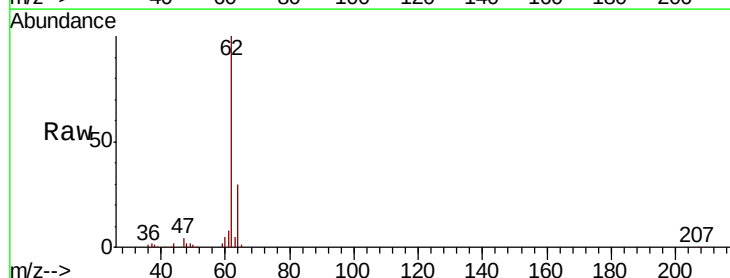
Acq: 24 Apr 2020 16:00

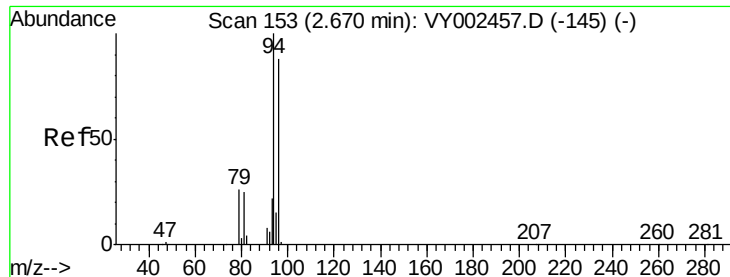
Tgt Ion: 62 Resp: 108846

Ion Ratio Lower Upper

62 100

64 29.8 26.6 39.8





#5

Bromomethane

Concen: 68.048 ug/l

RT: 2.66 min Scan# 152

Delta R.T. -0.01 min

Lab File: VY002483.D

Acq: 24 Apr 2020 16:00

Instrument :

MSVOA_Y

ClientSampleId :

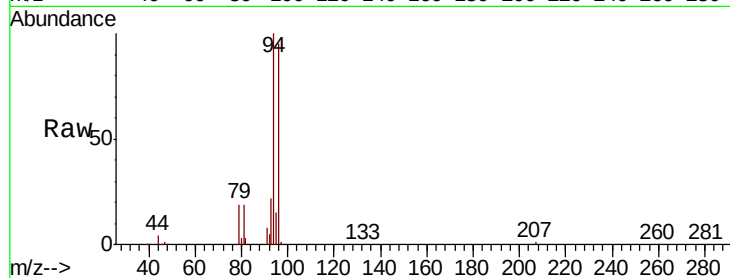
VSTDCCC050EC

Tot Ion: 94 Resp: 85911

Ion Ratio Lower Upper

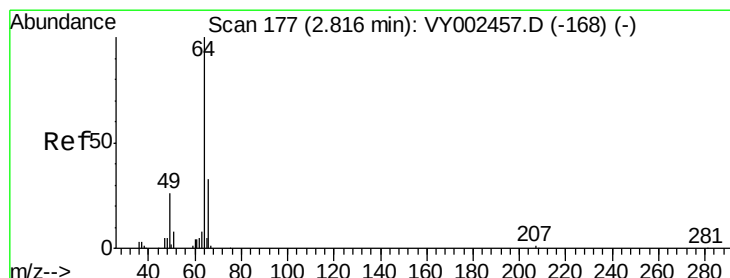
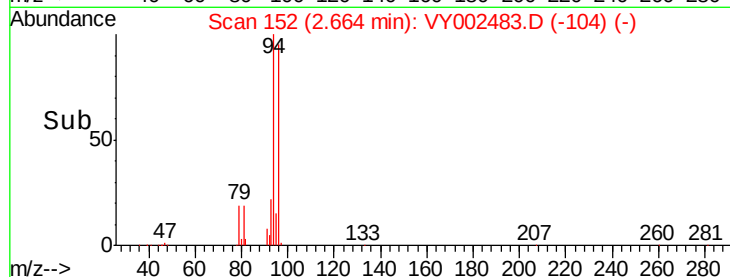
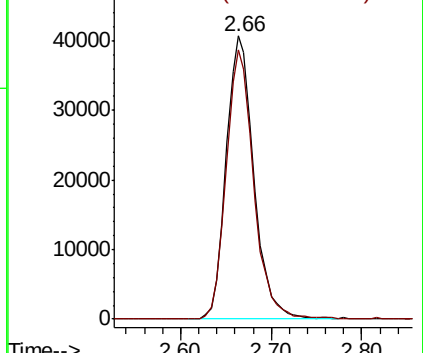
94 100

96 95.2 70.2 105.4



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 57.150 ug/l

RT: 2.81 min Scan# 176

Delta R.T. -0.01 min

Lab File: VY002483.D

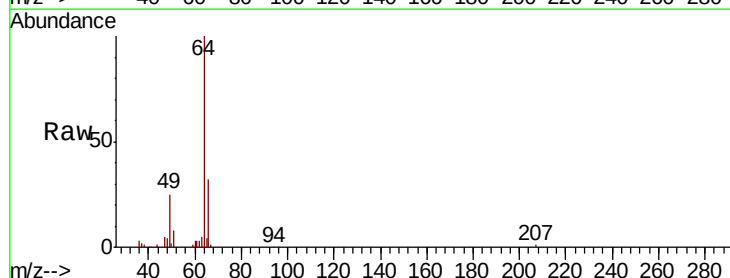
Acq: 24 Apr 2020 16:00

Tgt Ion: 64 Resp: 68072

Ion Ratio Lower Upper

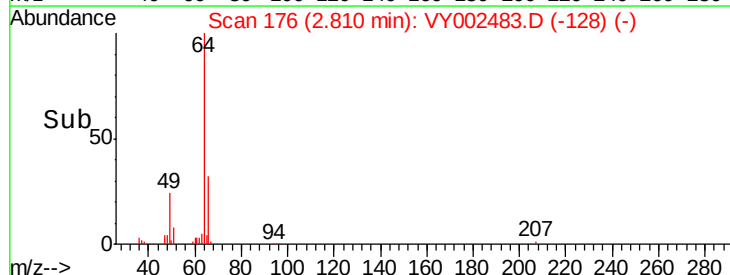
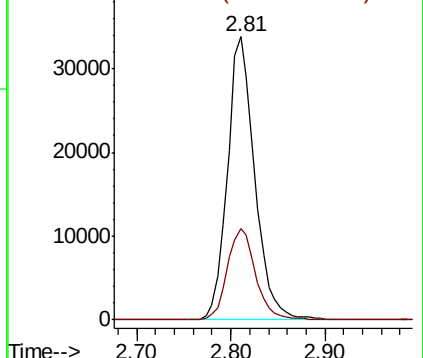
64 100

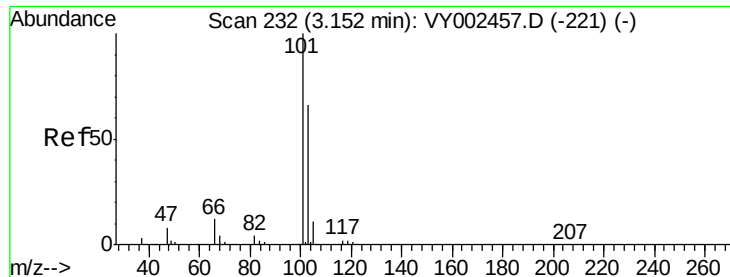
66 32.2 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



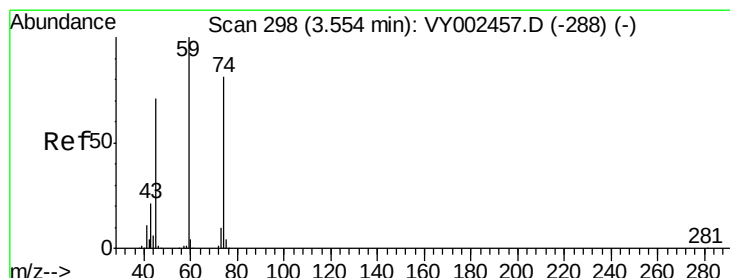
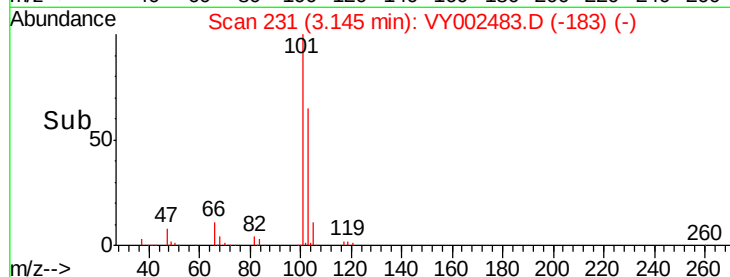
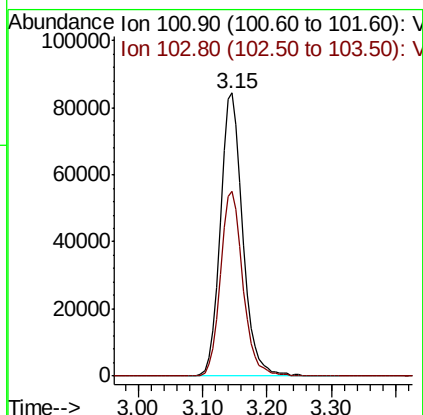
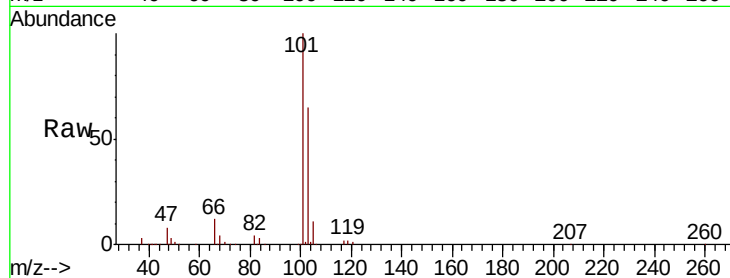


#7

Trichlorofluoromethane
 Concen: 50.619 ug/l
 RT: 3.15 min Scan# 231
 Delta R.T. -0.01 min
 Lab File: VY002483.D
 Acq: 24 Apr 2020 16:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

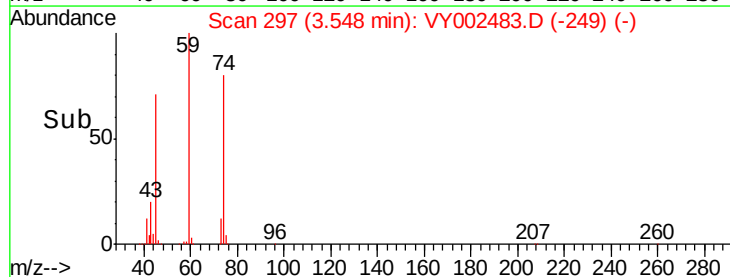
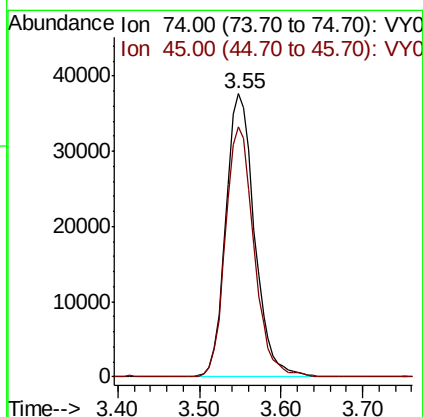
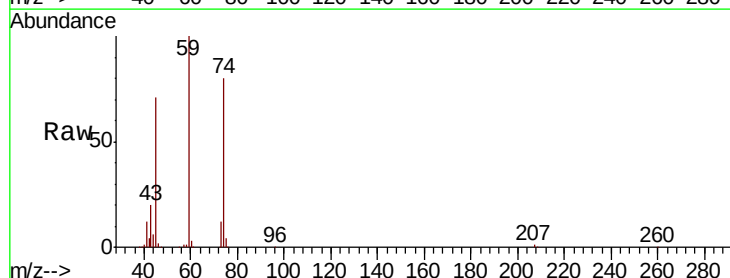
Tot Ion:101 Resp: 206470
 Ion Ratio Lower Upper
 101 100
 103 65.5 52.5 78.7

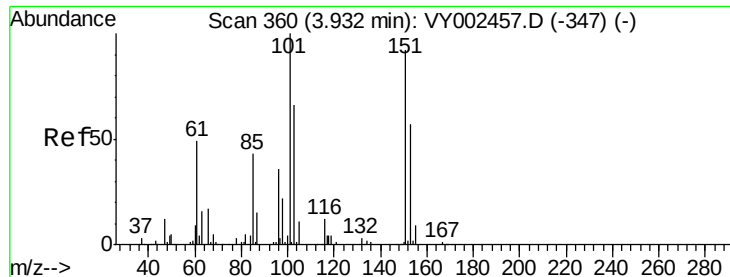


#8

Diethyl Ether
 Concen: 54.464 ug/l
 RT: 3.55 min Scan# 297
 Delta R.T. -0.01 min
 Lab File: VY002483.D
 Acq: 24 Apr 2020 16:00

Tgt Ion: 74 Resp: 91570
 Ion Ratio Lower Upper
 74 100
 45 87.8 44.0 132.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.655 ug/l

RT: 3.92 min Scan# 358

Delta R.T. -0.01 min

Lab File: VY002483.D

Acq: 24 Apr 2020 16:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

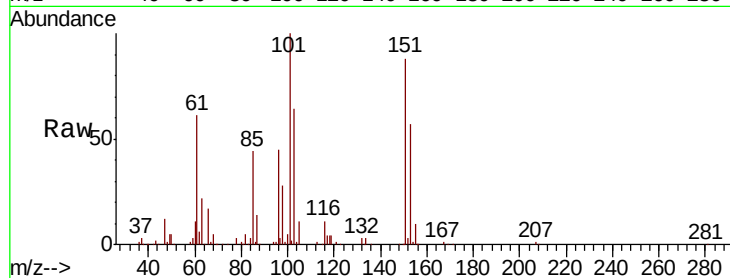
Tot Ion:101 Resp: 156266

Ion Ratio Lower Upper

101 100

85 42.7 34.1 51.1

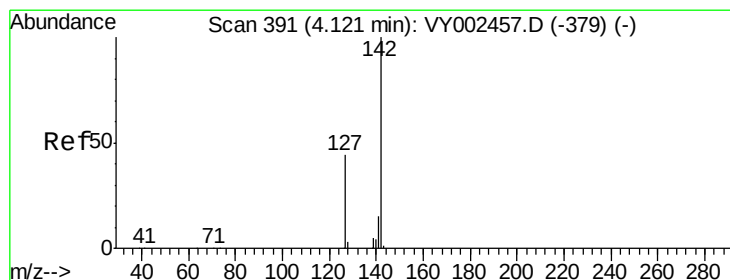
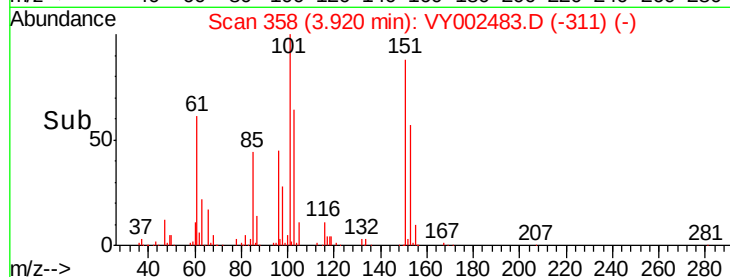
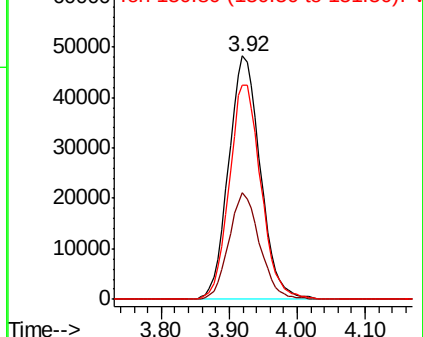
151 88.0 70.3 105.5



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: 54.435 ug/l

RT: 4.11 min Scan# 390

Delta R.T. -0.01 min

Lab File: VY002483.D

Acq: 24 Apr 2020 16:00

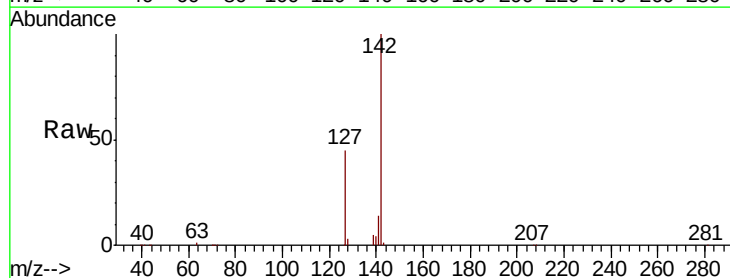
Tgt Ion:142 Resp: 235781

Ion Ratio Lower Upper

142 100

127 43.6 35.8 53.8

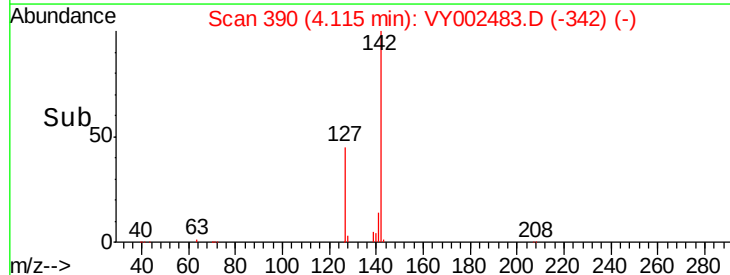
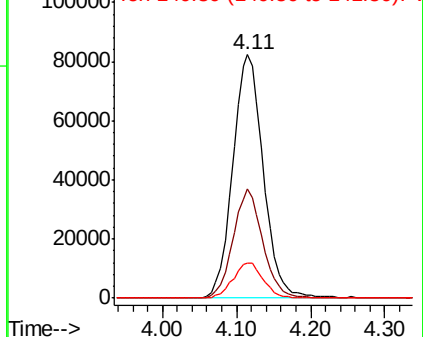
141 14.4 11.6 17.4

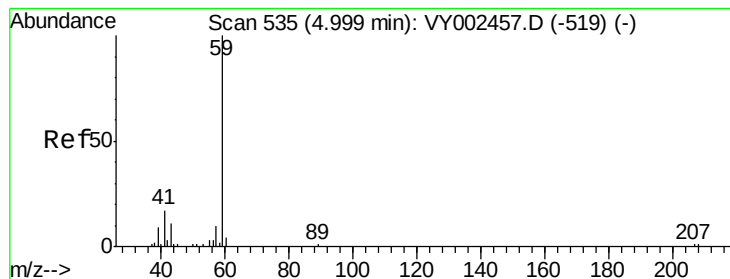


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



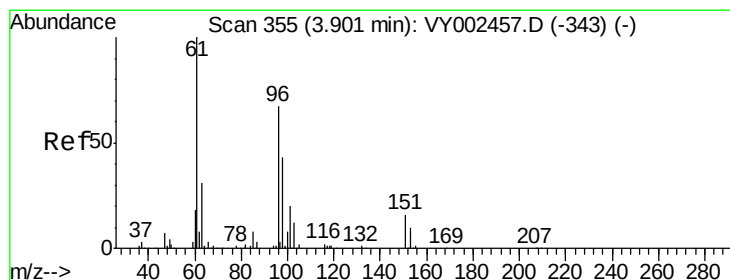
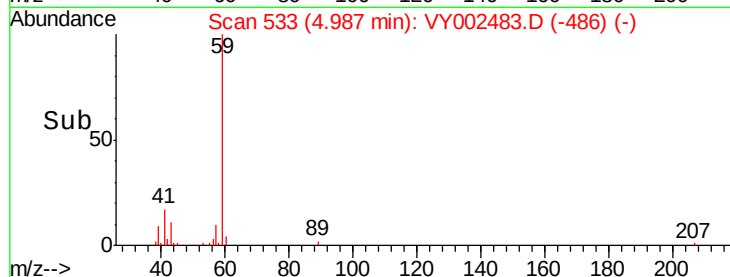
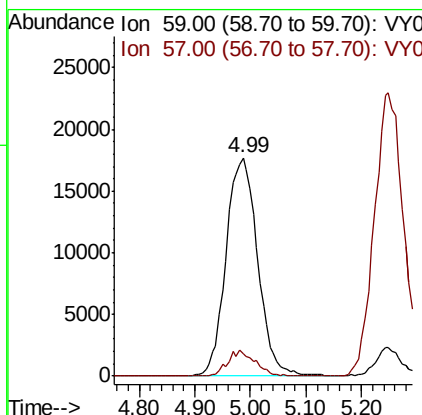
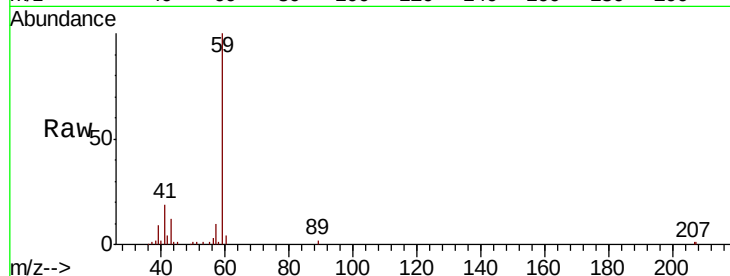


#11

Tert butyl alcohol
 Concen: 252.266 ug/l
 RT: 4.99 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: VY002483.D
 Acq: 24 Apr 2020 16:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

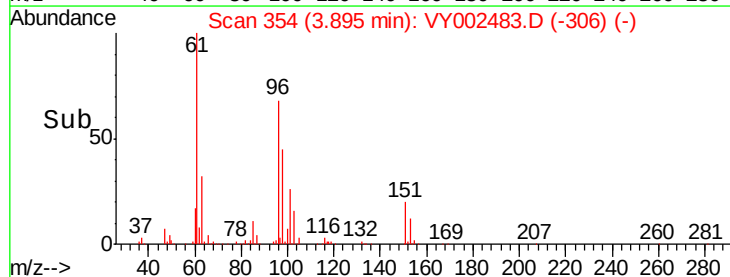
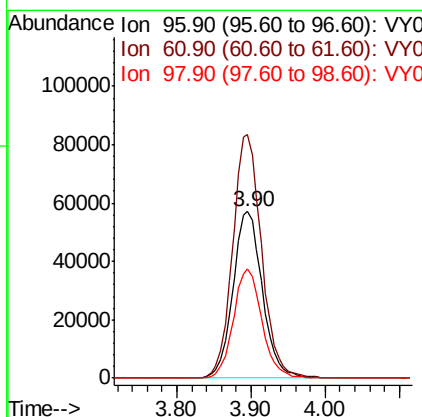
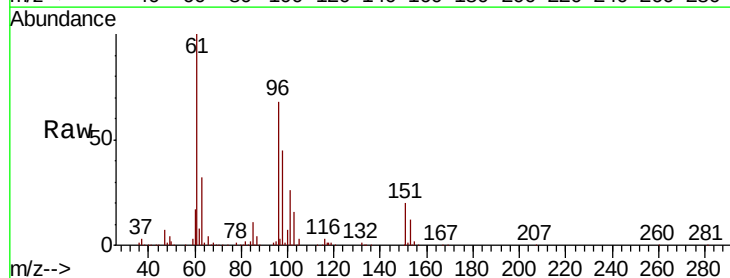
Tot Ion: 59 Resp: 69737
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.4 12.6

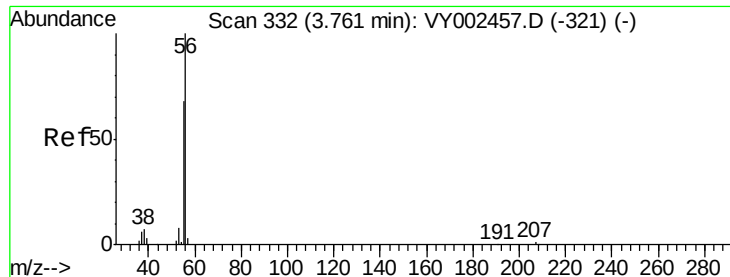


#12

1,1-Dichloroethene
 Concen: 54.915 ug/l
 RT: 3.90 min Scan# 354
 Delta R.T. -0.01 min
 Lab File: VY002483.D
 Acq: 24 Apr 2020 16:00

Tgt Ion: 96 Resp: 157975
 Ion Ratio Lower Upper
 96 100
 61 146.1 119.0 178.6
 98 65.7 51.4 77.2

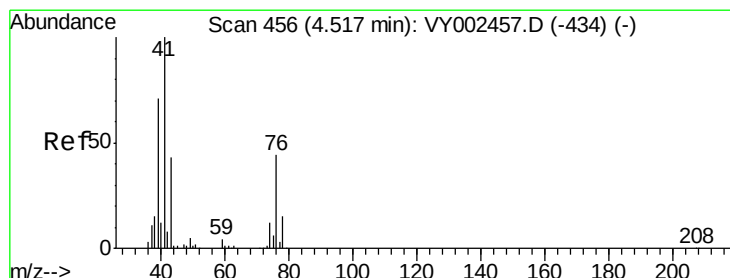
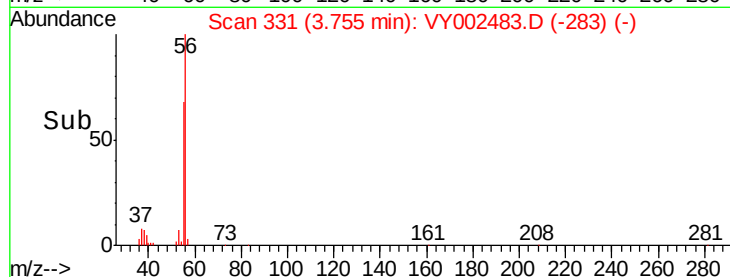
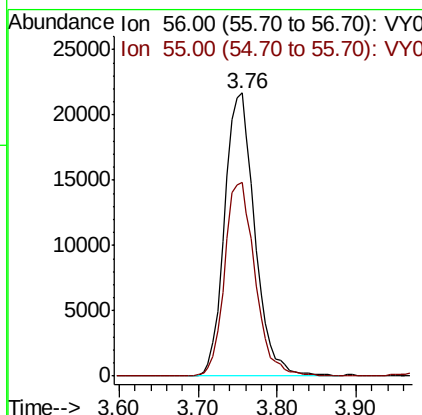
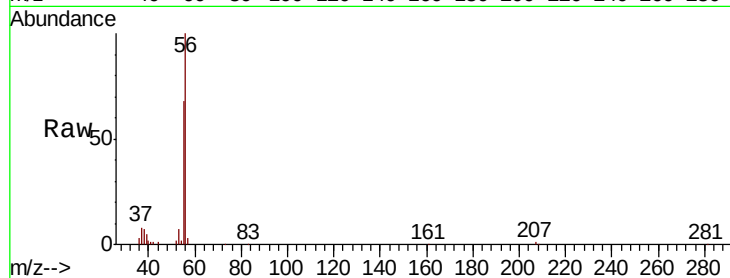




#13
Acrolein
Concen: 261.548 ug/l
RT: 3.76 min Scan# 331
Delta R.T. -0.01 min
Lab File: VY002483.D
Acq: 24 Apr 2020 16:00

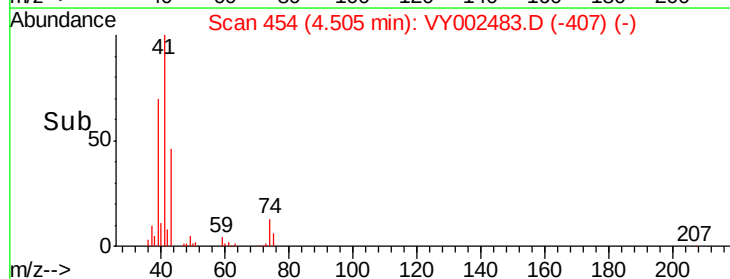
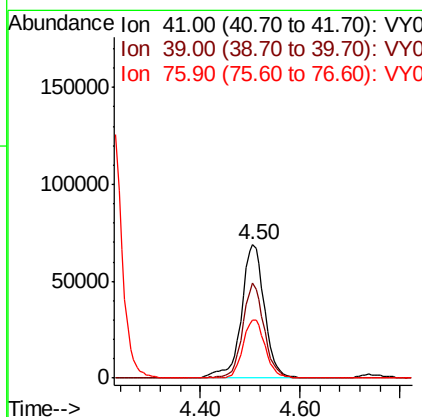
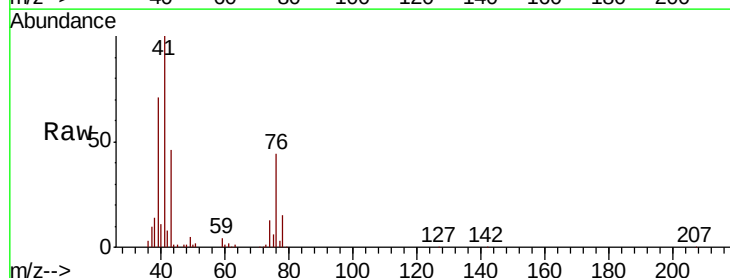
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

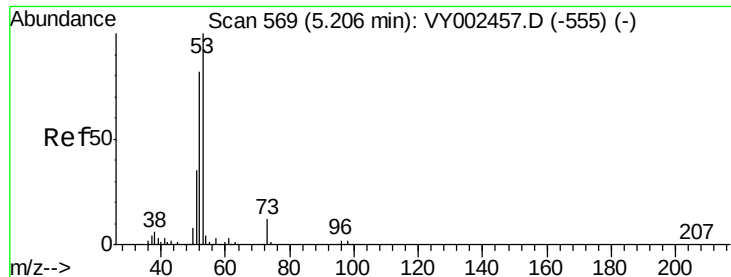
Tot Ion: 56 Resp: 57879
Ion Ratio Lower Upper
56 100
55 69.1 55.8 83.6



#14
Allyl chloride
Concen: 52.300 ug/l
RT: 4.50 min Scan# 454
Delta R.T. -0.01 min
Lab File: VY002483.D
Acq: 24 Apr 2020 16:00

Tgt Ion: 41 Resp: 221100
Ion Ratio Lower Upper
41 100
39 66.3 55.1 82.7
76 42.1 34.3 51.5





#15

Acrylonitrile

Concen: 259.045 ug/l

RT: 5.19 min Scan# 567

Delta R.T. -0.01 min

Lab File: VY002483.D

Acq: 24 Apr 2020 16:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

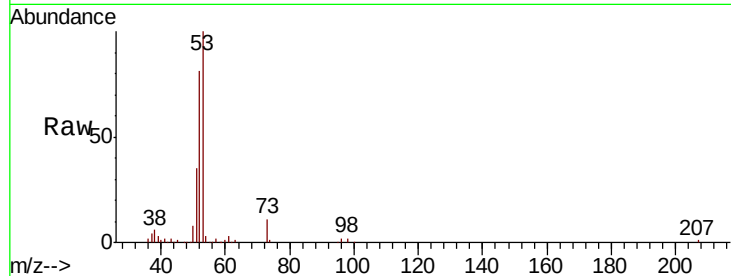
Tot Ion: 53 Resp: 208387

Ion Ratio Lower Upper

53 100

52 82.9 65.4 98.2

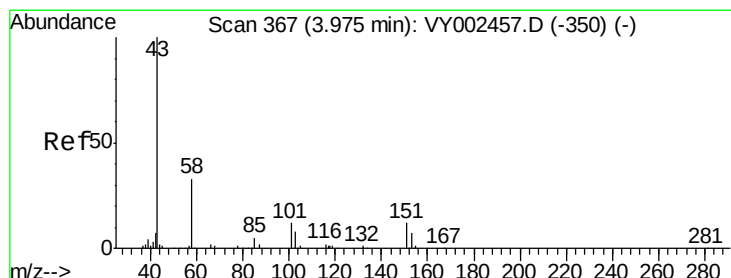
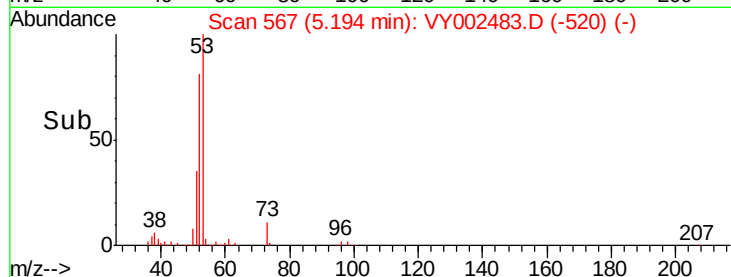
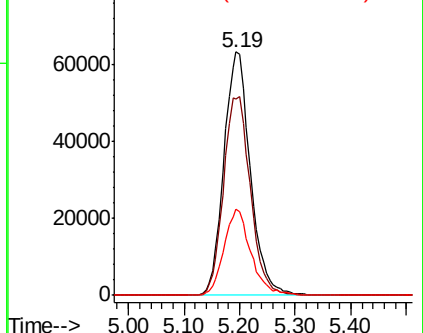
51 36.0 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 300.015 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.01 min

Lab File: VY002483.D

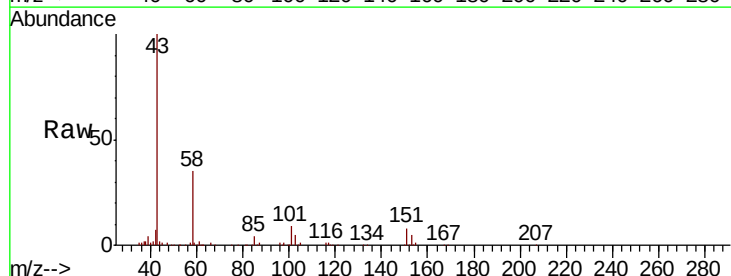
Acq: 24 Apr 2020 16:00

Tgt Ion: 43 Resp: 184154

Ion Ratio Lower Upper

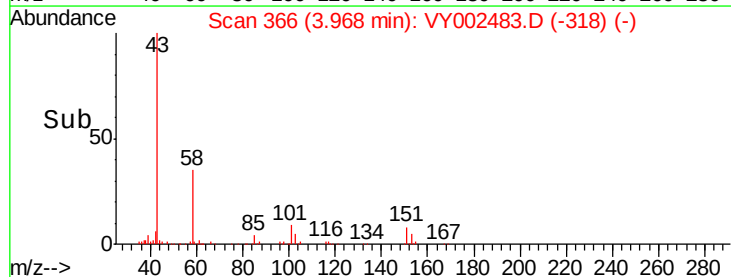
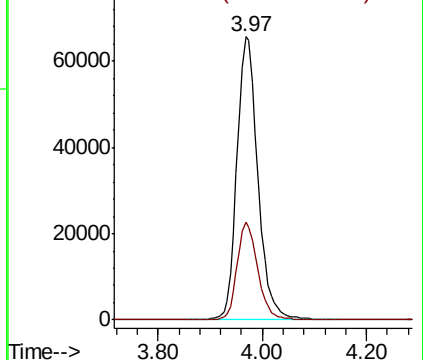
43 100

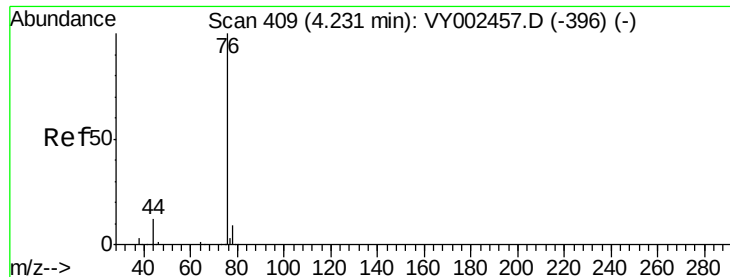
58 34.7 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 51.714 ug/l

RT: 4.22 min Scan# 407

Delta R.T. -0.01 min

Lab File: VY002483.D

Acq: 24 Apr 2020 16:00

Instrument :

MSVOA_Y

ClientSampleId :

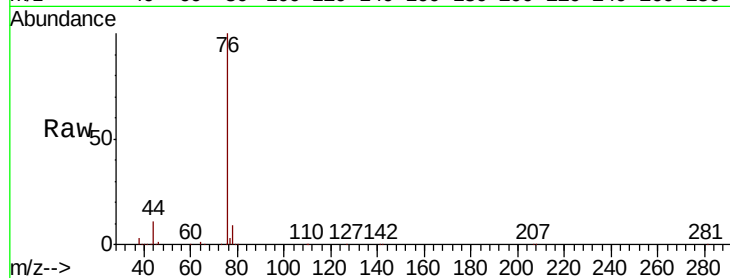
VSTDCCC050EC

Tot Ion: 76 Resp: 463881

Ion Ratio Lower Upper

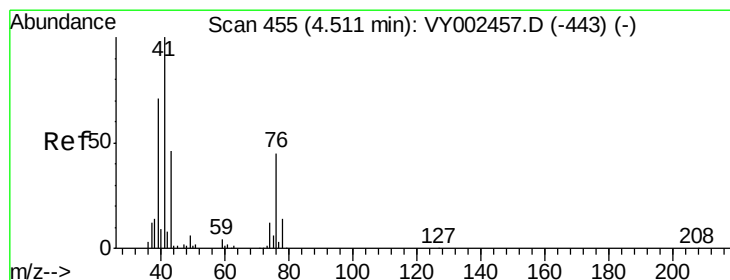
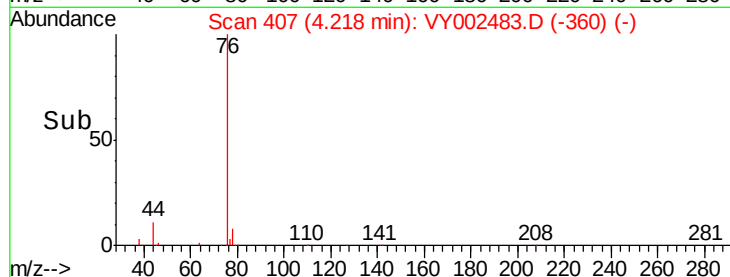
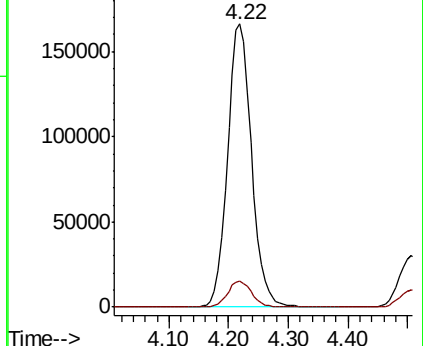
76 100

78 9.2 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 49.233 ug/l

RT: 4.50 min Scan# 454

Delta R.T. -0.01 min

Lab File: VY002483.D

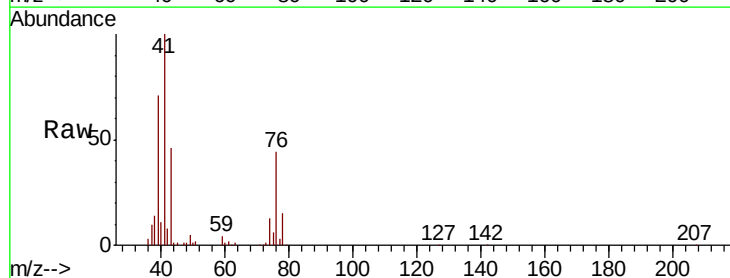
Acq: 24 Apr 2020 16:00

Tgt Ion: 43 Resp: 97243

Ion Ratio Lower Upper

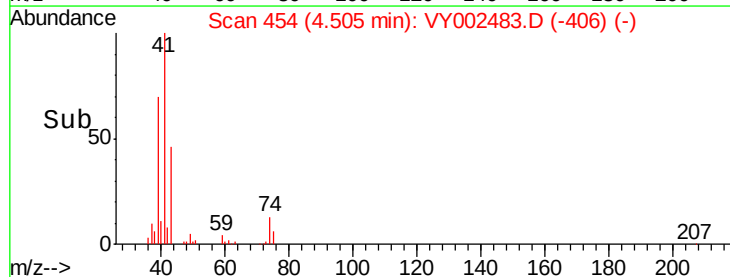
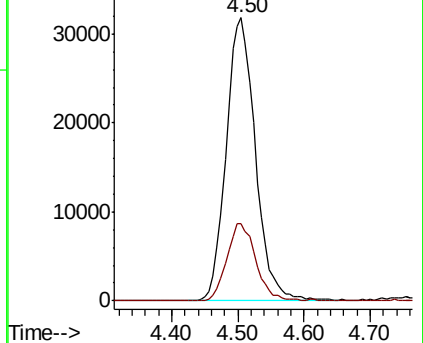
43 100

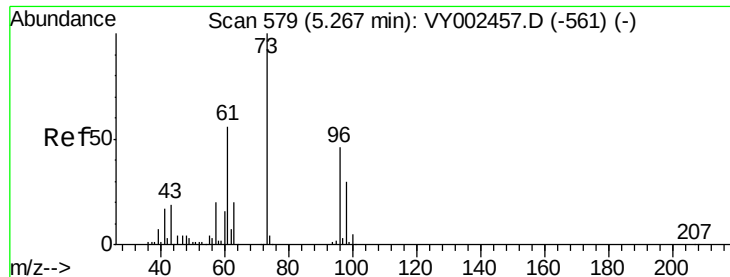
74 27.1 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0



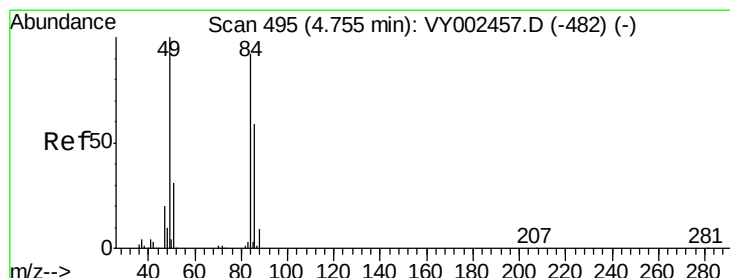
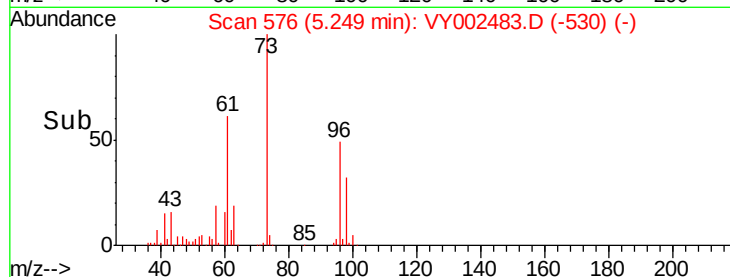
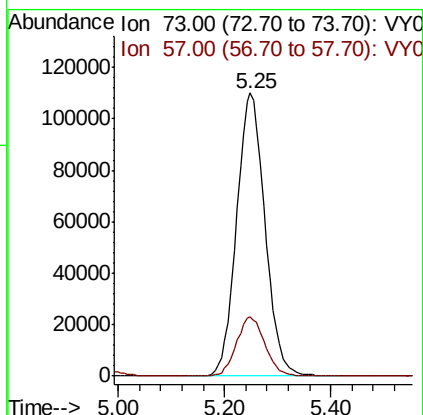
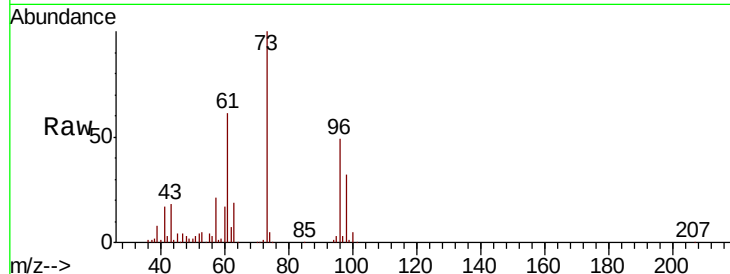


#19

Methyl tert-butyl Ether
 Concen: 52.337 ug/l
 RT: 5.25 min Scan# 576
 Delta R.T. -0.02 min
 Lab File: VY002483.D
 Acq: 24 Apr 2020 16:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

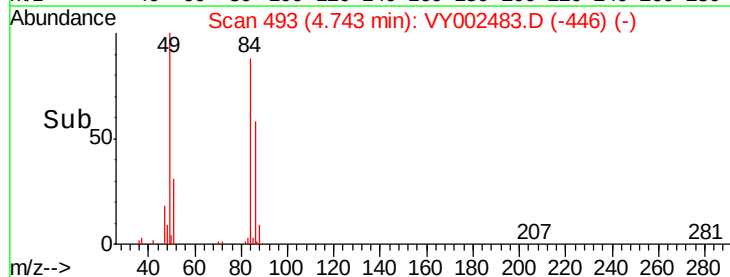
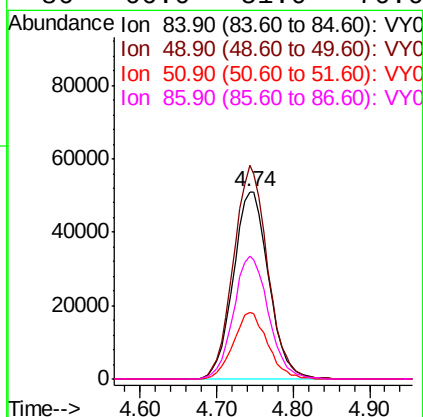
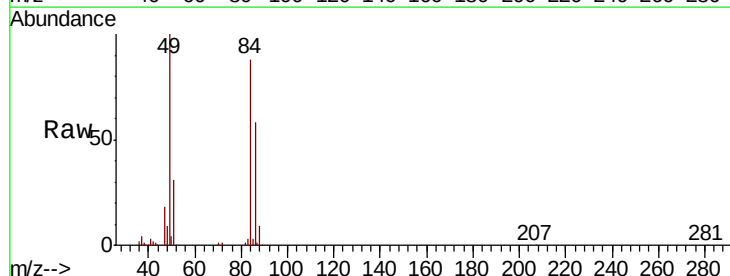
Tot Ion: 73 Resp: 406272
 Ion Ratio Lower Upper
 73 100
 57 20.9 16.0 24.0

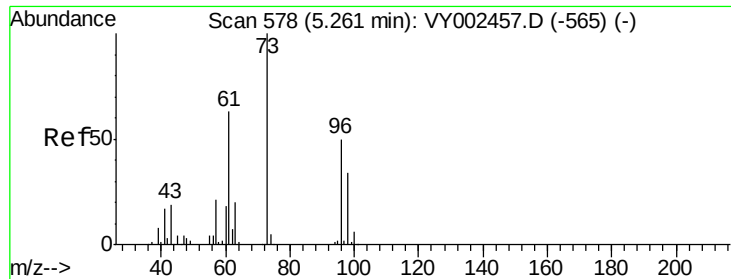


#20

Methylene Chloride
 Concen: 46.795 ug/l
 RT: 4.74 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: VY002483.D
 Acq: 24 Apr 2020 16:00

Tgt Ion: 84 Resp: 163992
 Ion Ratio Lower Upper
 84 100
 49 114.1 86.9 130.3
 51 35.4 27.3 40.9
 86 66.0 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 51.664 ug/l

RT: 5.25 min Scan# 576

Delta R.T. -0.01 min

Lab File: VY002483.D

Acq: 24 Apr 2020 16:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

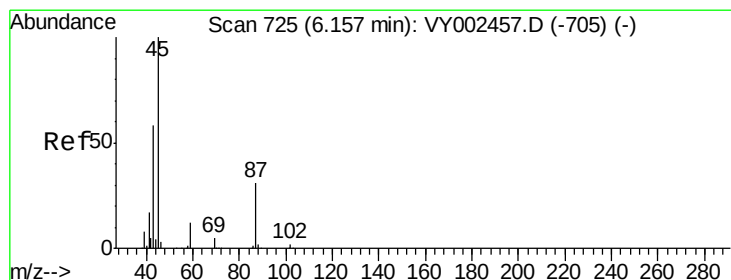
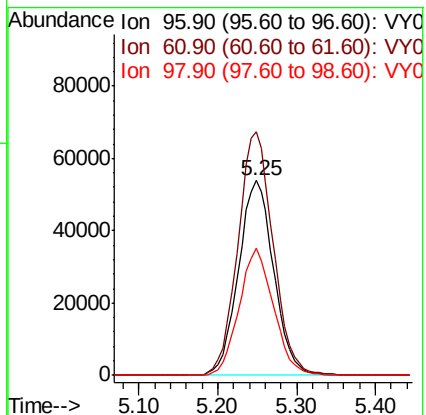
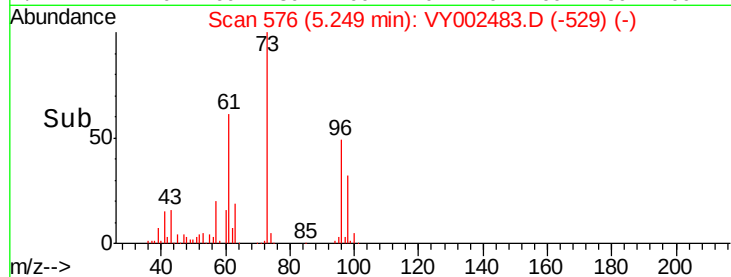
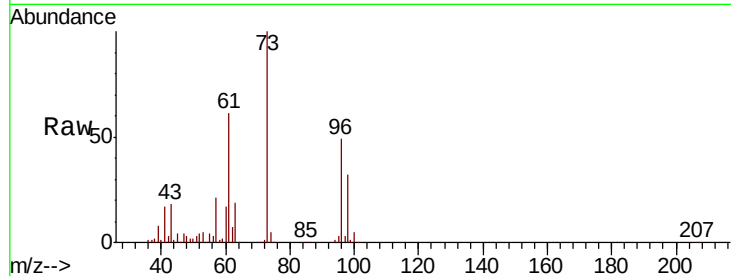
Tot Ion: 96 Resp: 167326

Ion Ratio Lower Upper

96 100

61 125.1 101.4 152.0

98 65.2 53.6 80.4



#22

Diisopropyl ether

Concen: 50.658 ug/l

RT: 6.14 min Scan# 723

Delta R.T. -0.01 min

Lab File: VY002483.D

Acq: 24 Apr 2020 16:00

Tgt Ion: 45 Resp: 423438

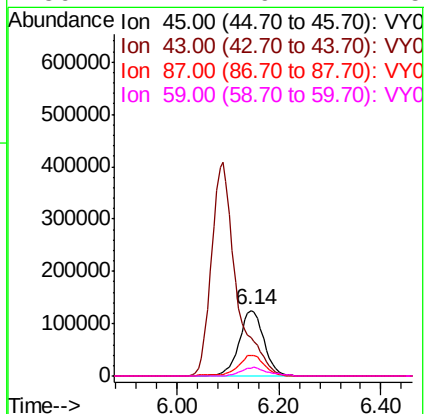
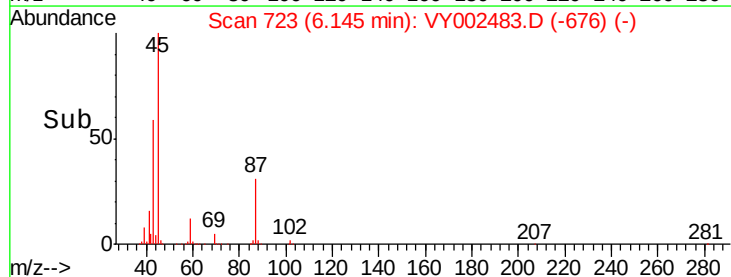
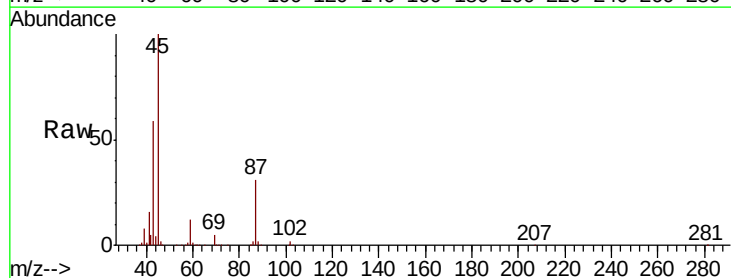
Ion Ratio Lower Upper

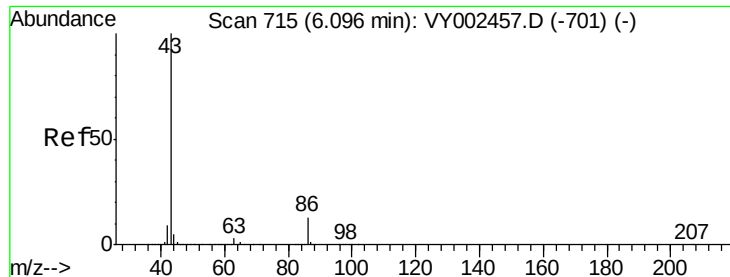
45 100

43 58.4 47.1 70.7

87 31.1 25.0 37.6

59 12.1 9.7 14.5





#23

Vinyl Acetate

Concen: 259.239 ug/l

RT: 6.09 min Scan# 714

Delta R.T. -0.01 min

Lab File: VY002483.D

Acq: 24 Apr 2020 16:00

Instrument :

MSVOA_Y

ClientSampleId :

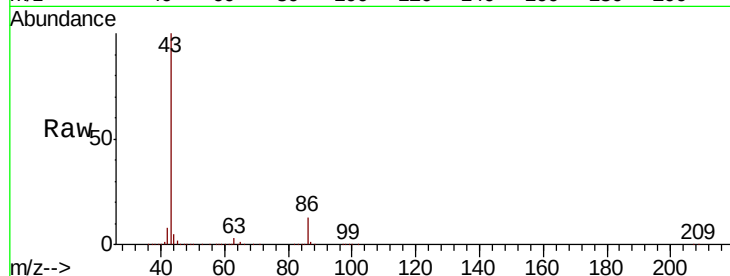
VSTDCCC050EC

Tot Ion: 43 Resp: 1376936

Ion Ratio Lower Upper

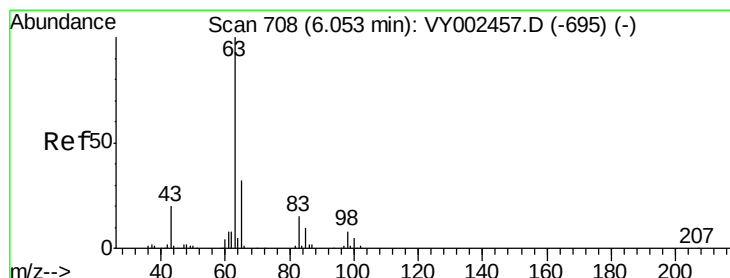
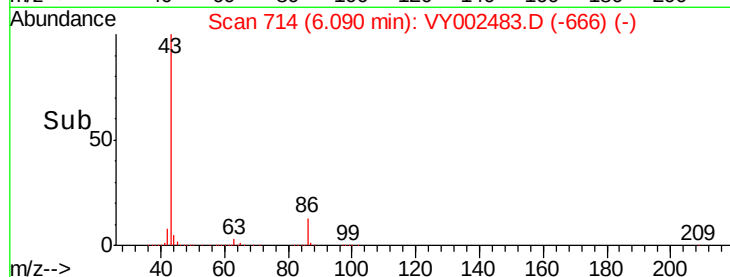
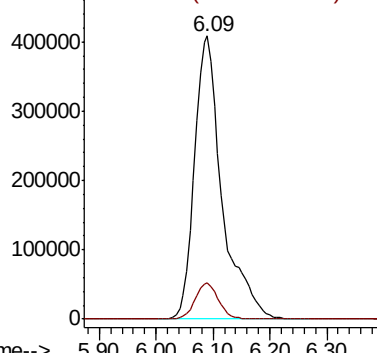
43 100

86 12.7 10.2 15.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 51.245 ug/l

RT: 6.05 min Scan# 707

Delta R.T. -0.01 min

Lab File: VY002483.D

Acq: 24 Apr 2020 16:00

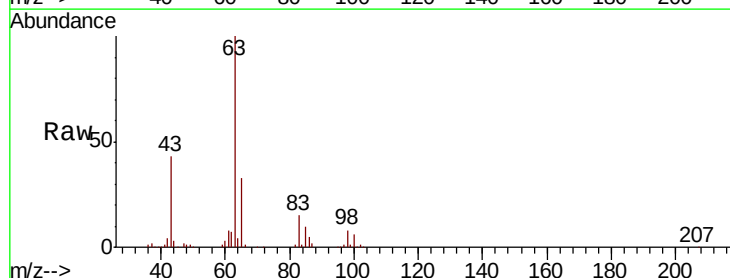
Tgt Ion: 63 Resp: 259336

Ion Ratio Lower Upper

63 100

98 7.5 4.1 12.3

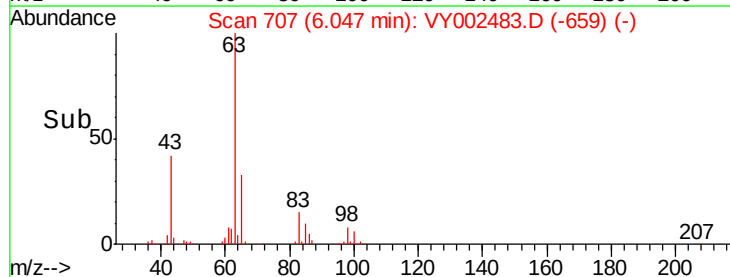
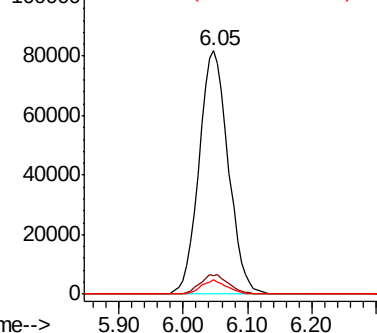
100 5.8 2.5 7.4

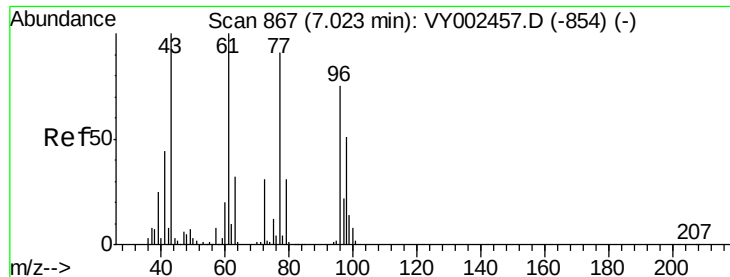


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 260.264 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY002483.D

Acq: 24 Apr 2020 16:00

Instrument :

MSVOA_Y

ClientSampleId :

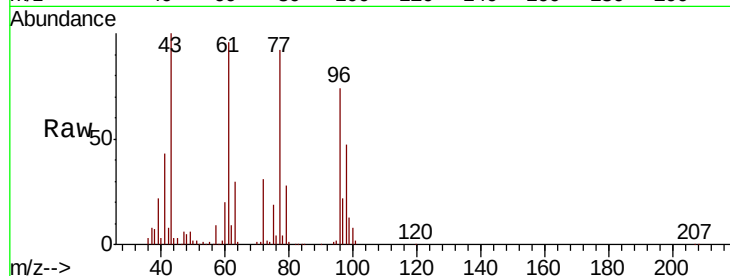
VSTDCCC050EC

Tot Ion: 43 Resp: 244745

Ion Ratio Lower Upper

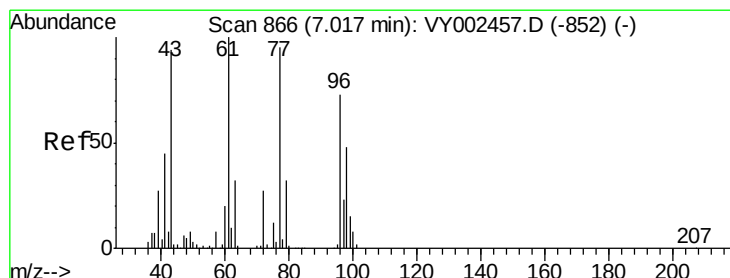
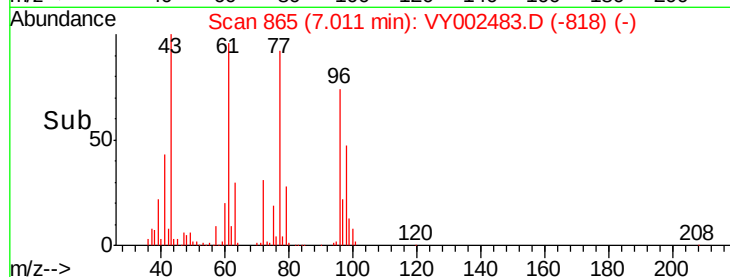
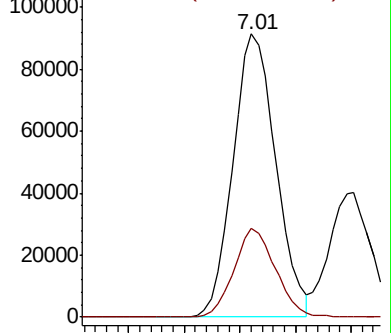
43 100

72 31.5 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 52.356 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY002483.D

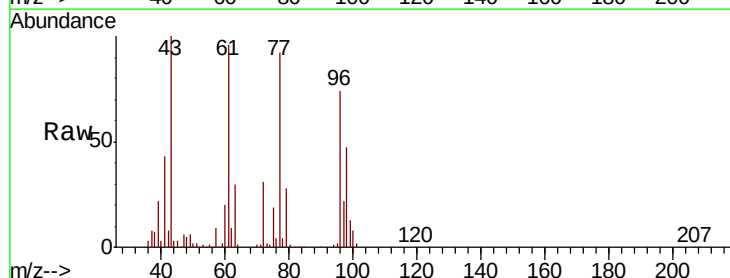
Acq: 24 Apr 2020 16:00

Tgt Ion: 77 Resp: 253393

Ion Ratio Lower Upper

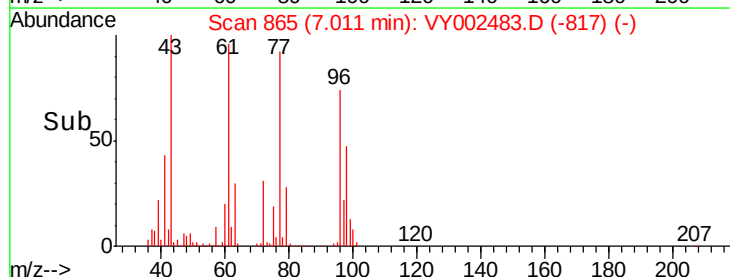
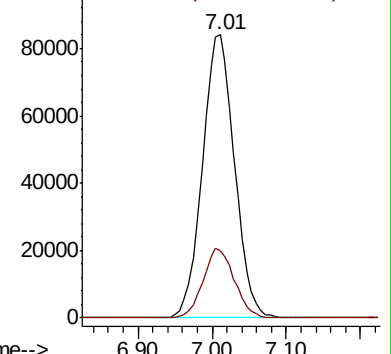
77 100

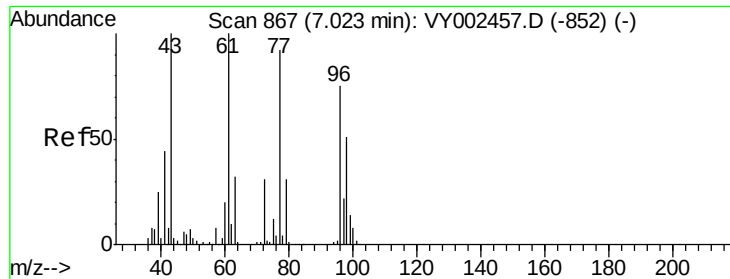
97 23.9 12.0 36.0



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



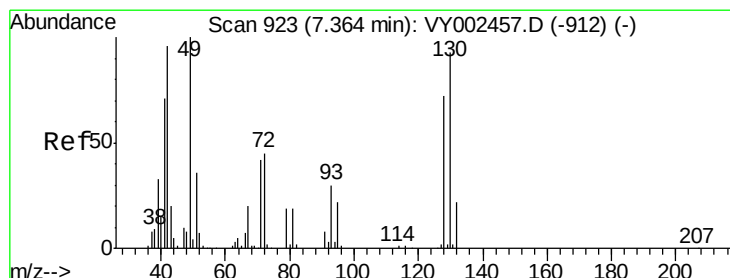
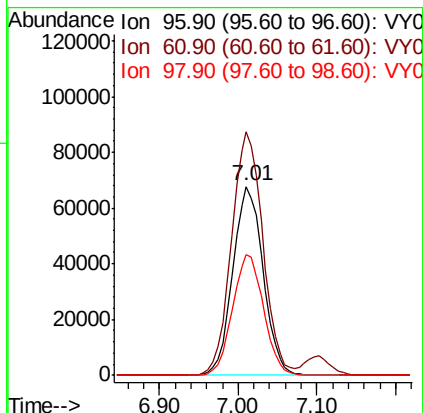
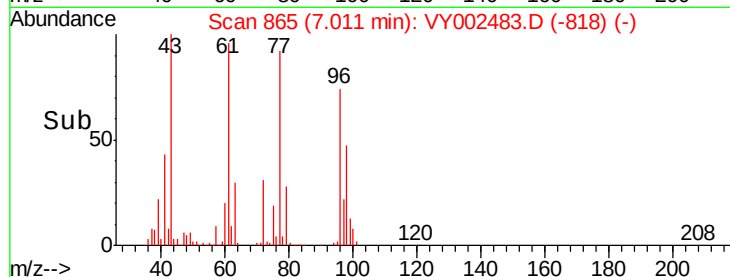
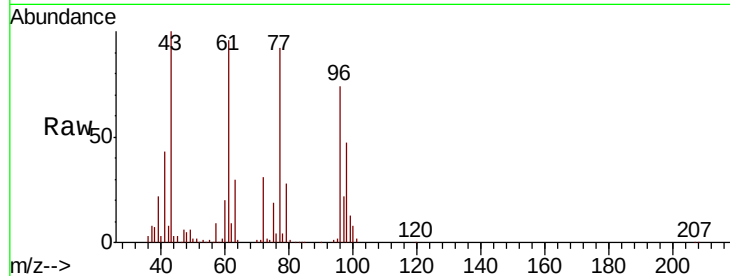


#27

cis-1,2-Dichloroethene
Concen: 51.525 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY002483.D
Acq: 24 Apr 2020 16:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

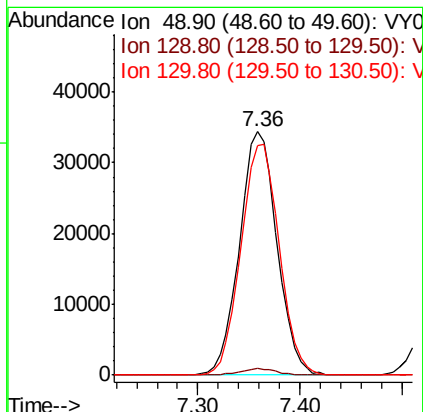
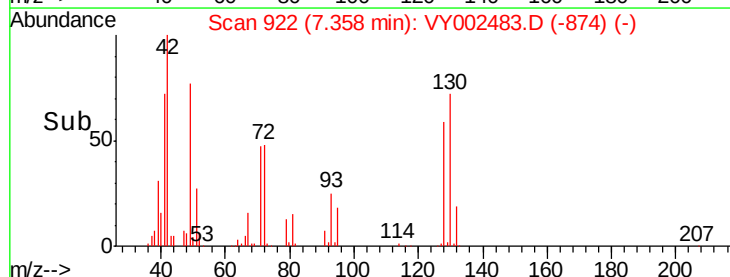
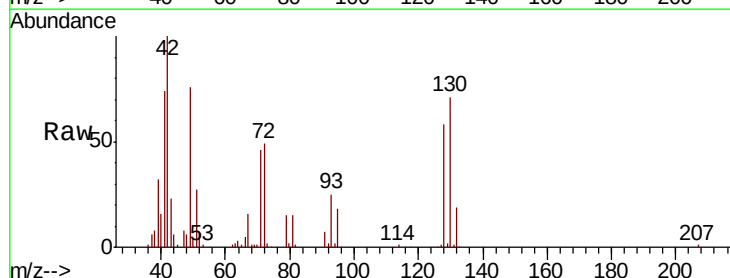
Tot Ion: 96 Resp: 181505
Ion Ratio Lower Upper
96 100
61 132.9 0.0 262.6
98 65.3 0.0 131.0

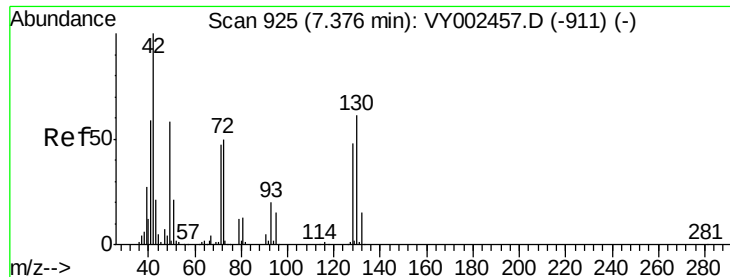


#28

Bromochloromethane
Concen: 44.539 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY002483.D
Acq: 24 Apr 2020 16:00

Tgt Ion: 49 Resp: 87935
Ion Ratio Lower Upper
49 100
129 2.7 0.0 5.6
130 97.0 76.3 114.5

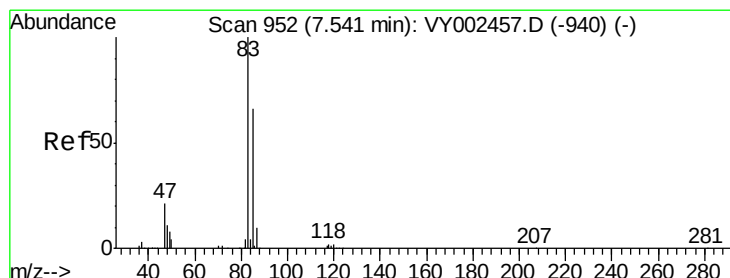
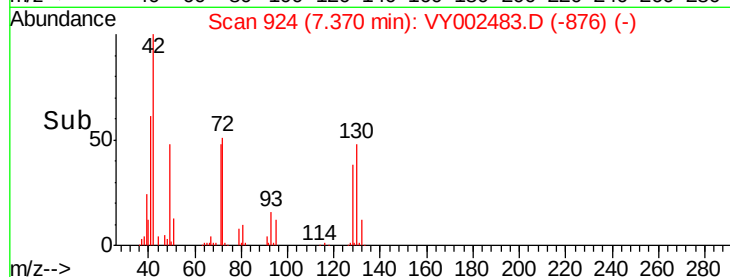
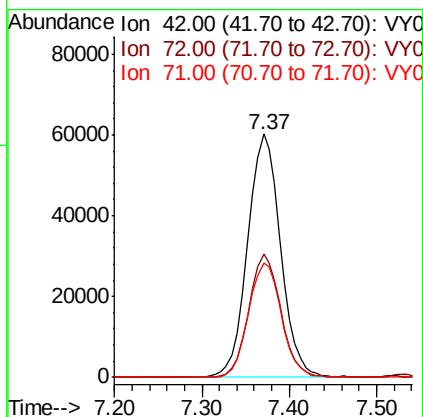
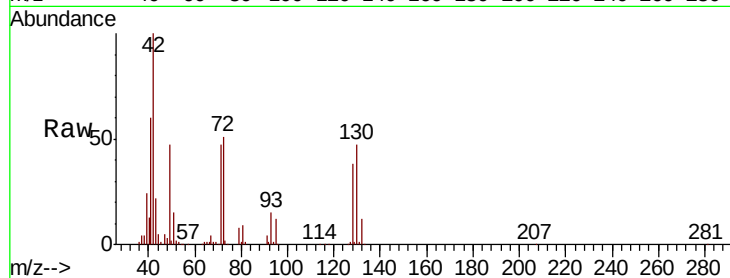




#29
Tetrahydrofuran
Concen: 253.017 ug/l
RT: 7.37 min Scan# 924
Delta R.T. -0.01 min
Lab File: VY002483.D
Acq: 24 Apr 2020 16:00

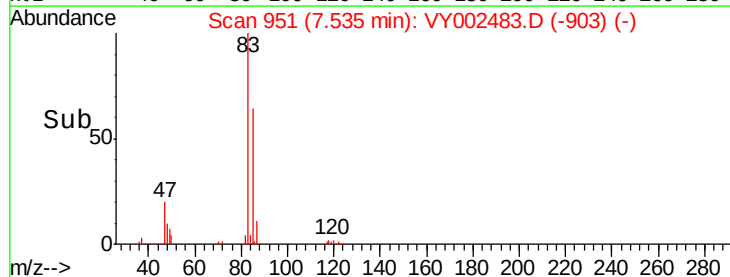
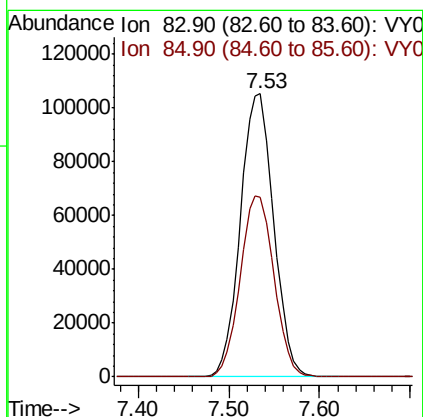
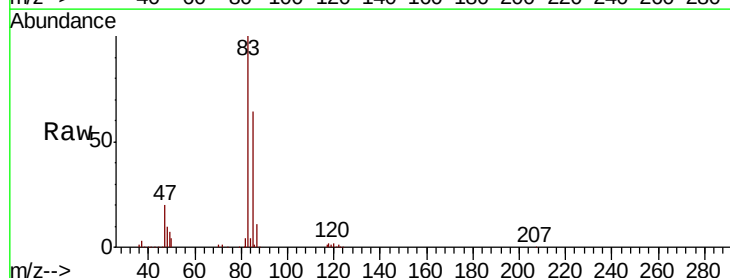
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

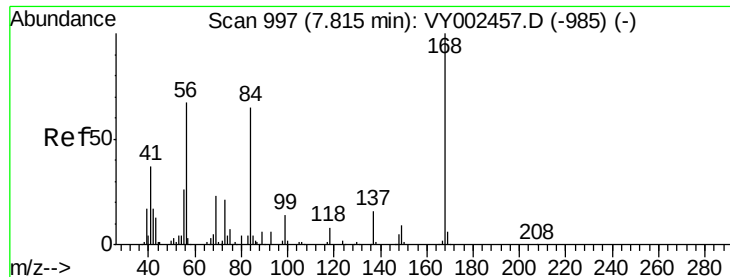
Tot Ion: 42 Resp: 157748
Ion Ratio Lower Upper
42 100
72 49.2 39.5 59.3
71 47.1 37.6 56.4



#30
Chloroform
Concen: 49.624 ug/l
RT: 7.53 min Scan# 951
Delta R.T. -0.01 min
Lab File: VY002483.D
Acq: 24 Apr 2020 16:00

Tgt Ion: 83 Resp: 267395
Ion Ratio Lower Upper
83 100
85 63.5 52.4 78.6

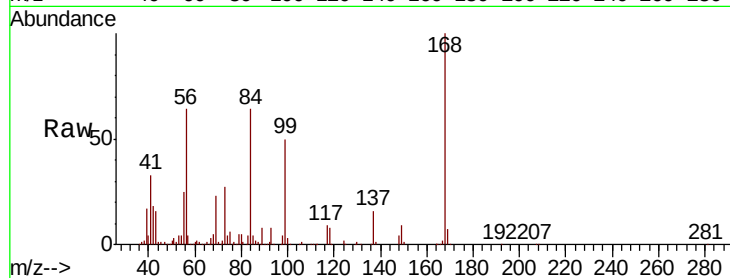




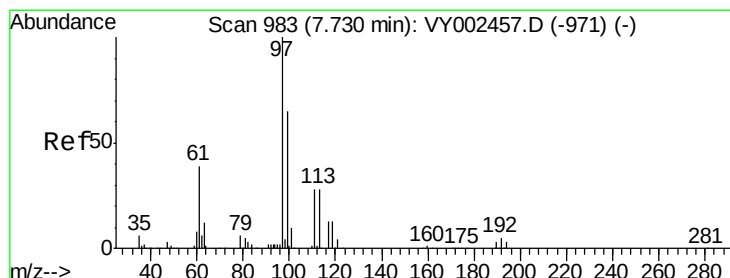
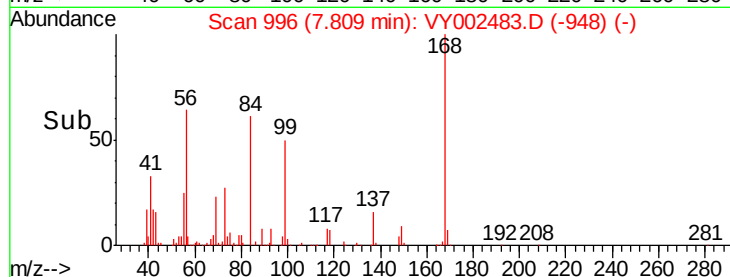
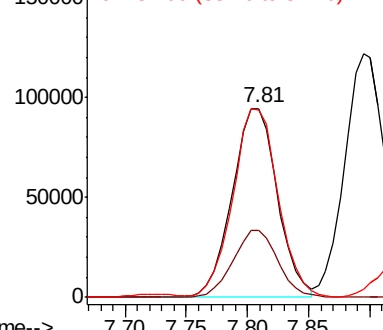
#31
Cyclohexane
Concen: 48.142 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.01 min
Lab File: VY002483.D
Acq: 24 Apr 2020 16:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 243625
Ion Ratio Lower Upper
56 100
69 35.5 27.0 40.6
84 97.7 77.4 116.2

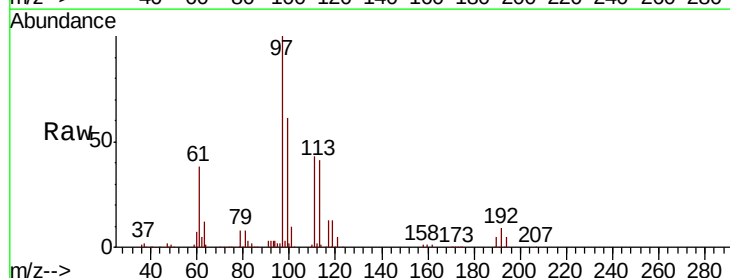


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

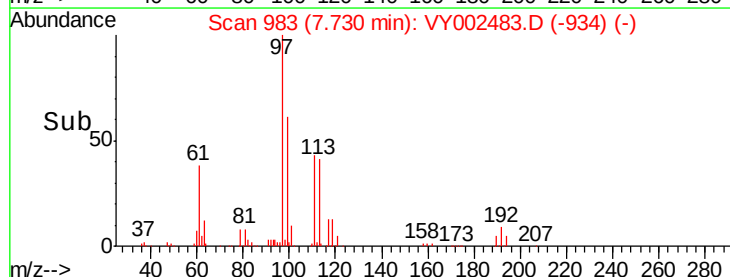
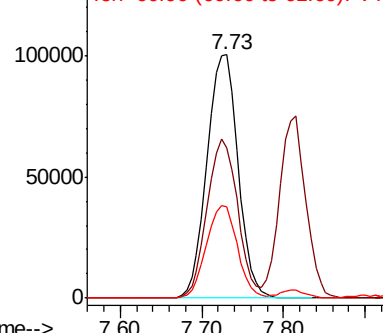


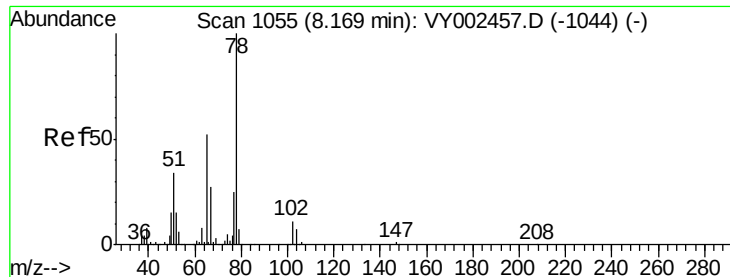
#32
1,1,1-Trichloroethane
Concen: 52.010 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.00 min
Lab File: VY002483.D
Acq: 24 Apr 2020 16:00

Tgt Ion: 97 Resp: 264808
Ion Ratio Lower Upper
97 100
99 64.6 51.6 77.4
61 38.0 30.6 45.8



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

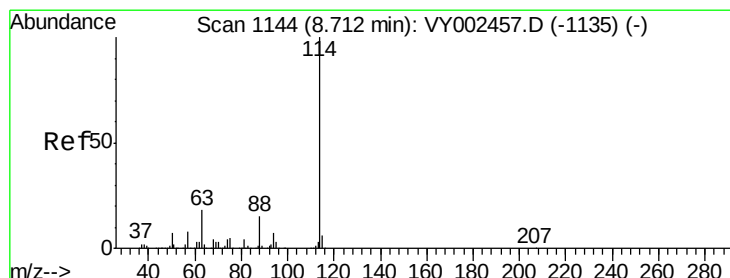
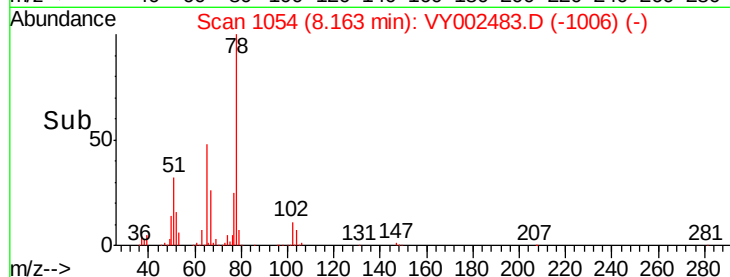
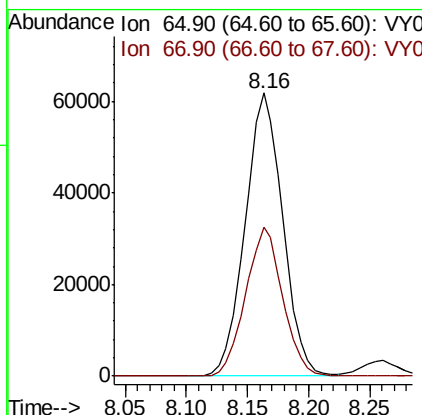
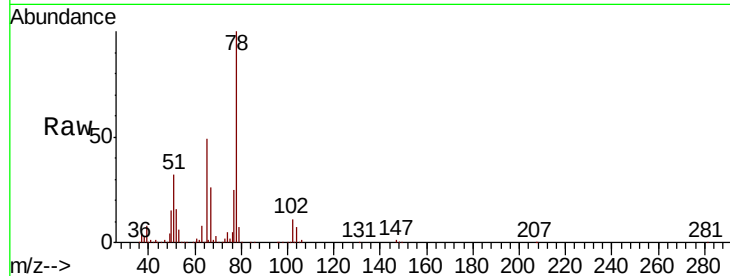




#33
 1,2-Dichloroethane-d4
 Concen: 44.941 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY002483.D
 Acq: 24 Apr 2020 16:00

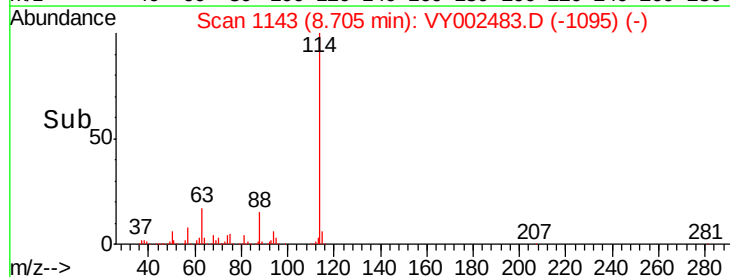
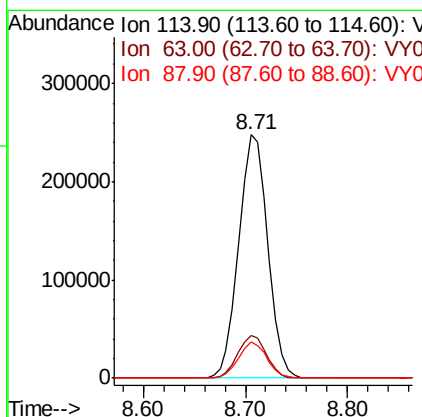
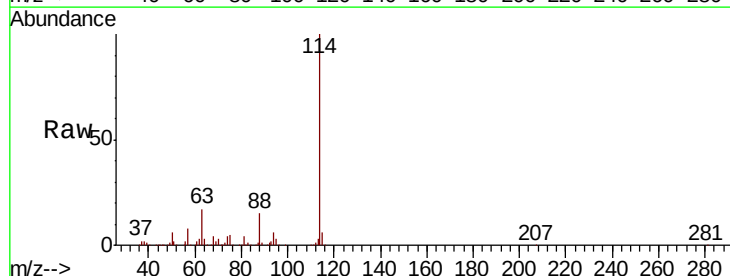
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

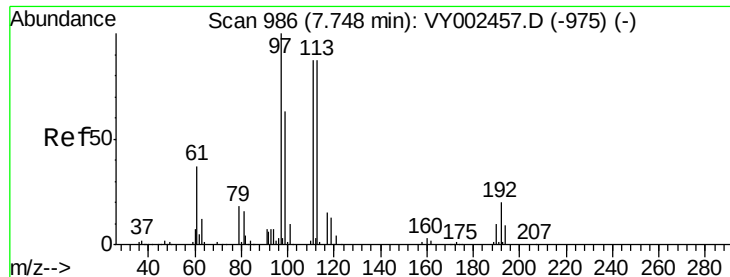
Tot Ion: 65 Resp: 131999
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY002483.D
 Acq: 24 Apr 2020 16:00

Tgt Ion: 114 Resp: 488113
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 35.6
 88 14.8 0.0 29.4

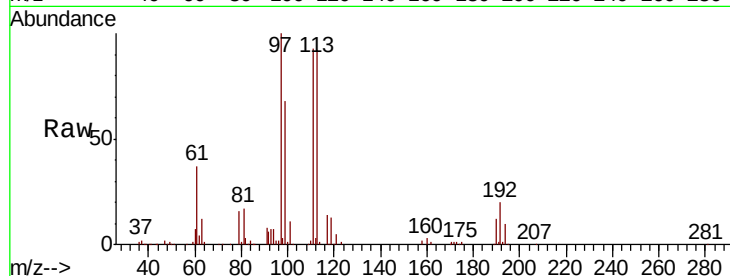




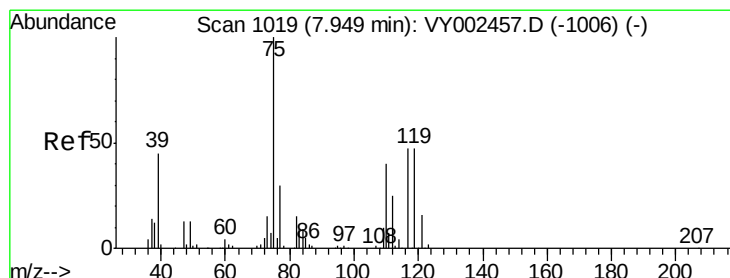
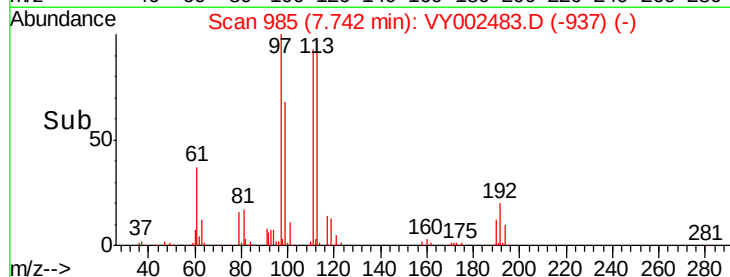
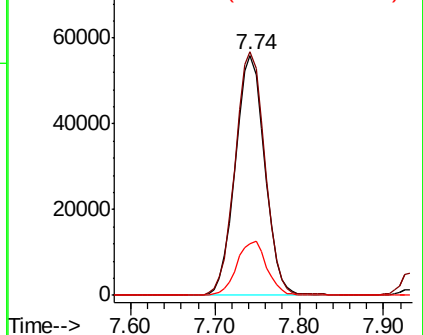
#35
 Dibromofluoromethane
 Concen: 47.804 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: VY002483.D
 Acq: 24 Apr 2020 16:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:113 Resp: 131615
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.0 121.4
 192 22.9 18.6 27.8

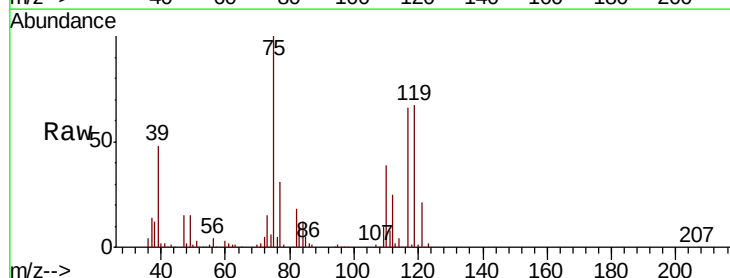


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

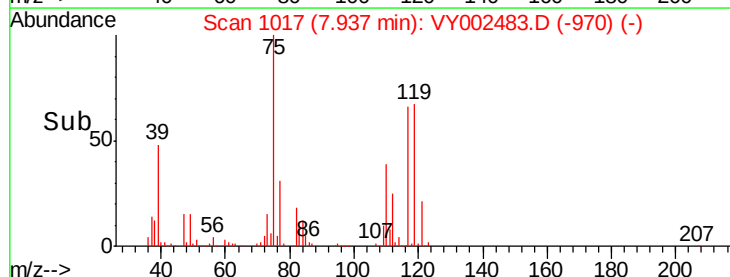
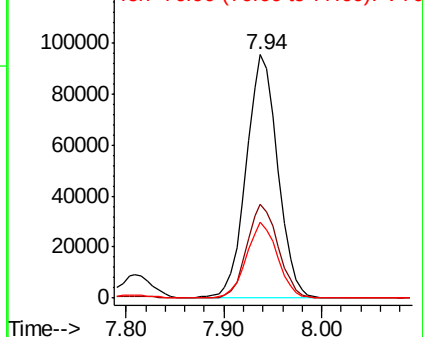


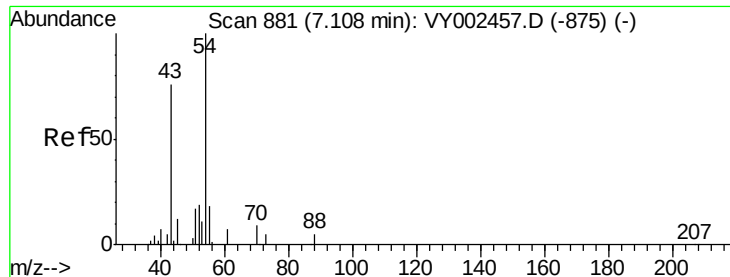
#36
 1,1-Dichloropropene
 Concen: 50.900 ug/l
 RT: 7.94 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: VY002483.D
 Acq: 24 Apr 2020 16:00

Tgt Ion: 75 Resp: 213033
 Ion Ratio Lower Upper
 75 100
 110 38.3 19.4 58.4
 77 31.0 24.7 37.1



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

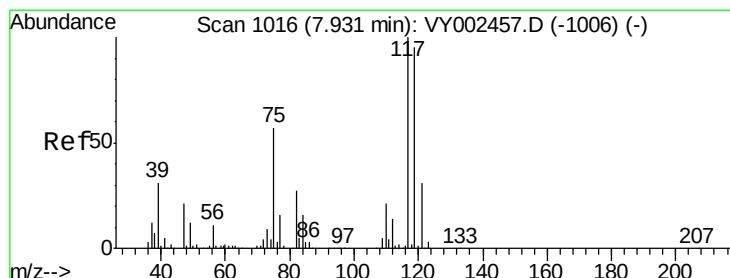
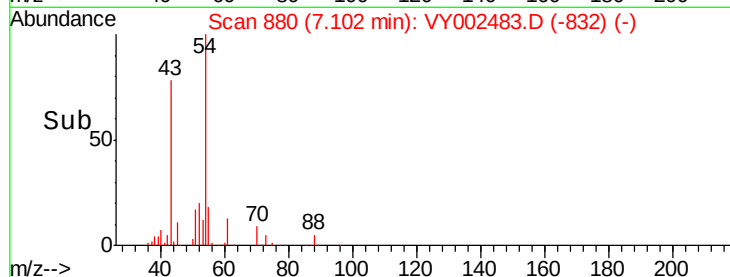
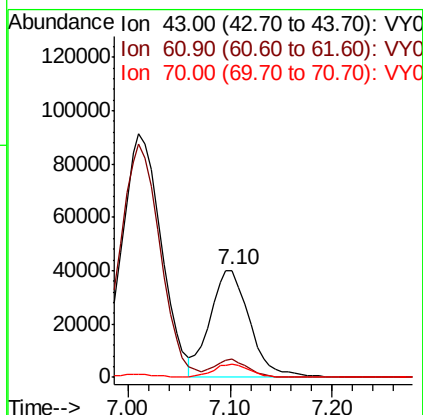
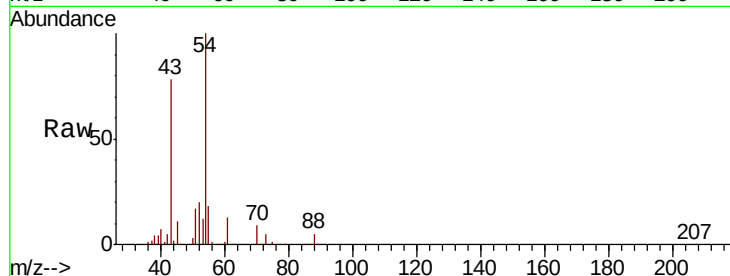




#37
Ethyl Acetate
Concen: 51.510 ug/l
RT: 7.10 min Scan# 880
Delta R.T. -0.01 min
Lab File: VY002483.D
Acq: 24 Apr 2020 16:00

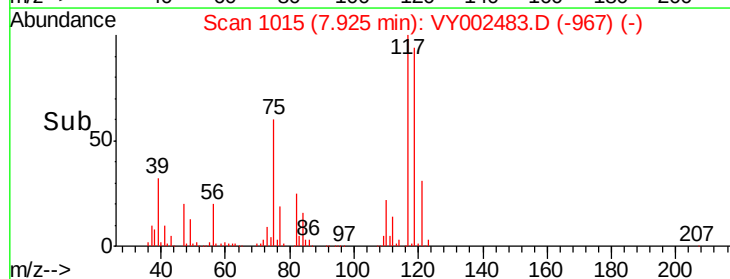
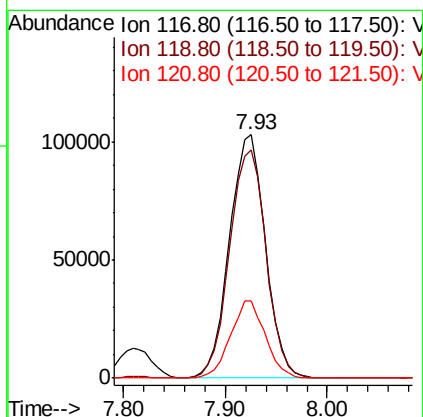
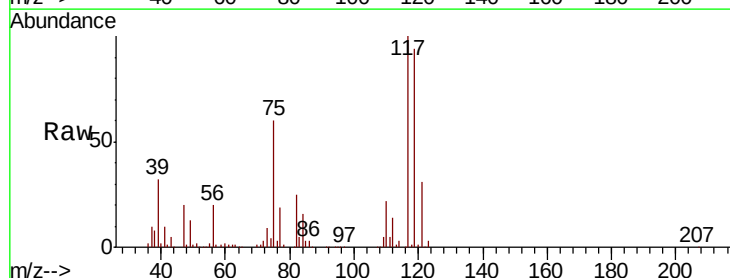
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

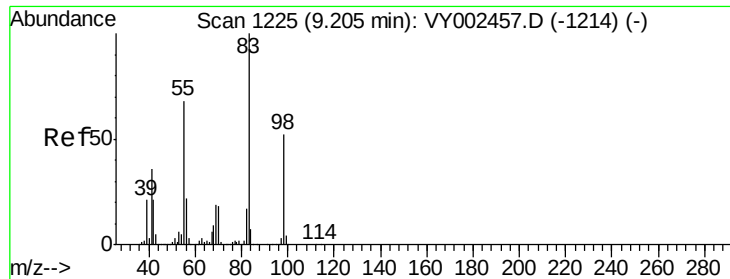
Tot Ion: 43 Resp: 108307
Ion Ratio Lower Upper
43 100
61 14.7 11.8 17.8
70 11.5 9.3 13.9



#38
Carbon Tetrachloride
Concen: 52.285 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. -0.01 min
Lab File: VY002483.D
Acq: 24 Apr 2020 16:00

Tgt Ion: 117 Resp: 251647
Ion Ratio Lower Upper
117 100
119 94.0 75.9 113.9
121 31.5 24.5 36.7

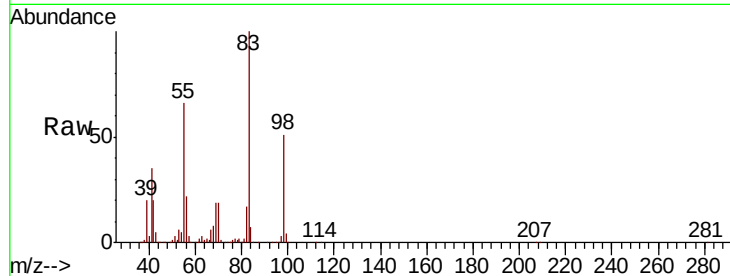




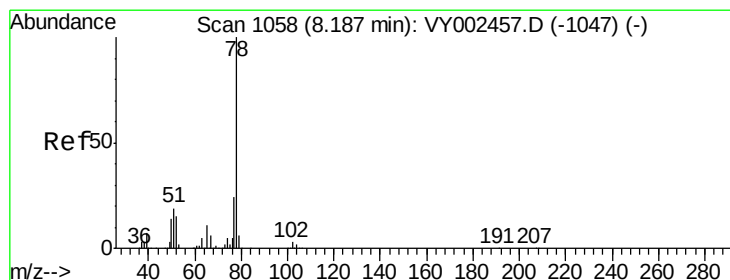
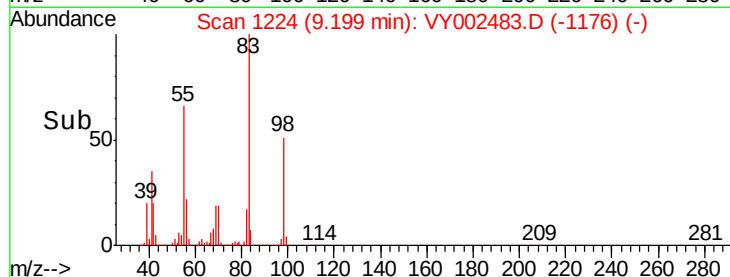
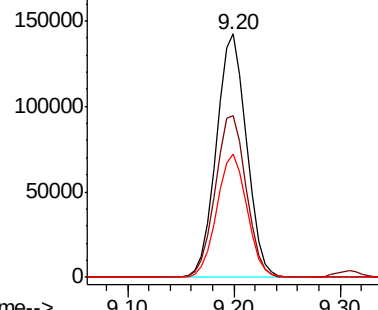
#39
Methylvlcyclohexane
Concen: 51.978 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.01 min
Lab File: VY002483.D
Acq: 24 Apr 2020 16:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 283788
Ion Ratio Lower Upper
83 100
55 66.3 54.2 81.2
98 50.6 41.9 62.9

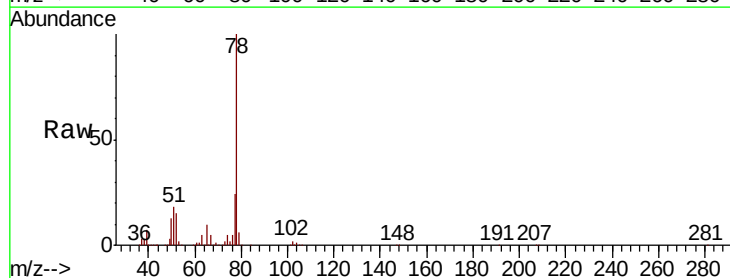


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

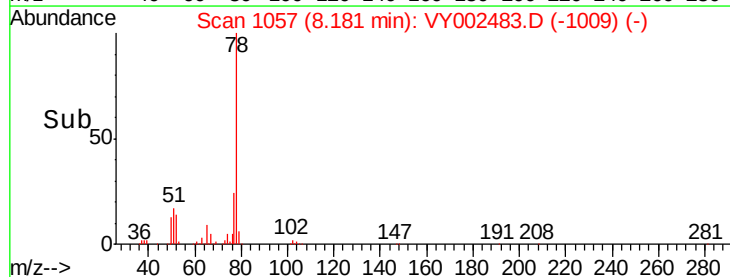
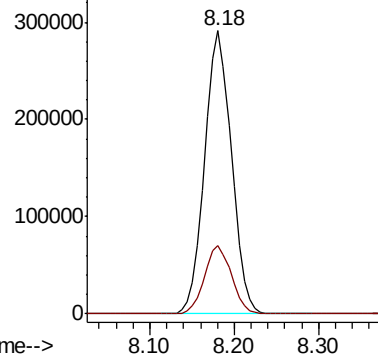


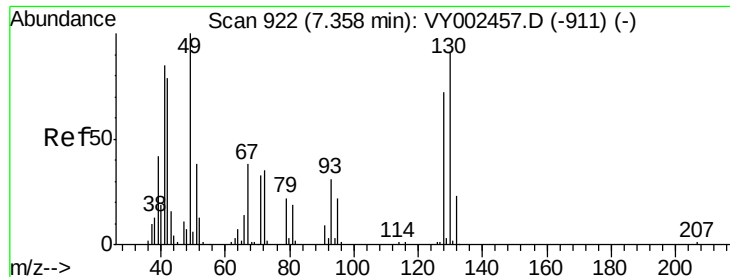
#40
Benzene
Concen: 51.869 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. -0.01 min
Lab File: VY002483.D
Acq: 24 Apr 2020 16:00

Tgt Ion: 78 Resp: 627456
Ion Ratio Lower Upper
78 100
77 24.3 19.4 29.0



Abundance Ion 78.00 (77.70 to 78.70): VY0
Ion 77.00 (76.70 to 77.70): VY0





#41

Methacrylonitrile

Concen: 54.039 ug/l m

RT: 7.35 min Scan# 921

Delta R.T. -0.01 min

Lab File: VY002483.D

Acq: 24 Apr 2020 16:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 70004

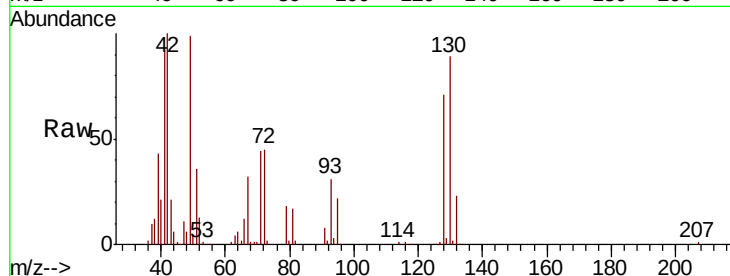
Ion Ratio Lower Upper

41 100

39 0.0 85.7 128.5#

67 0.0 0.0 0.0

52 0.0 0.0 0.0



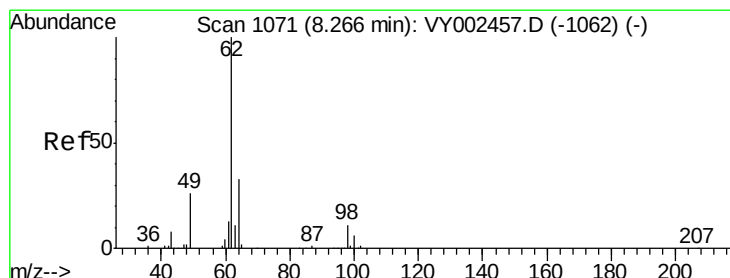
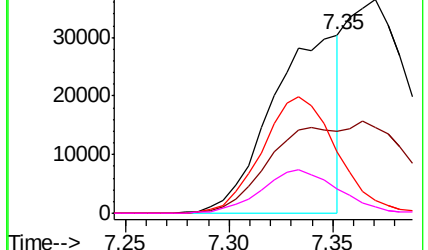
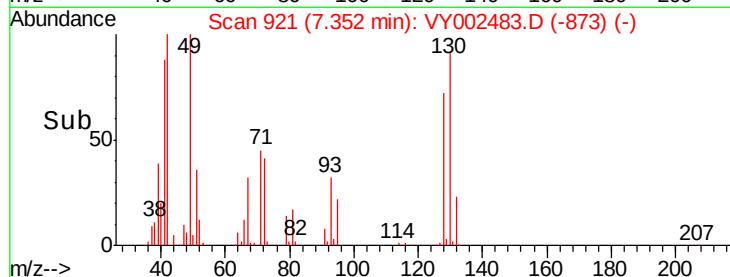
Abundance Ion 41.00 (40.70 to 41.70): VY0

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

Time-->



#42

1,2-Dichloroethane

Concen: 51.382 ug/l

RT: 8.26 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VY002483.D

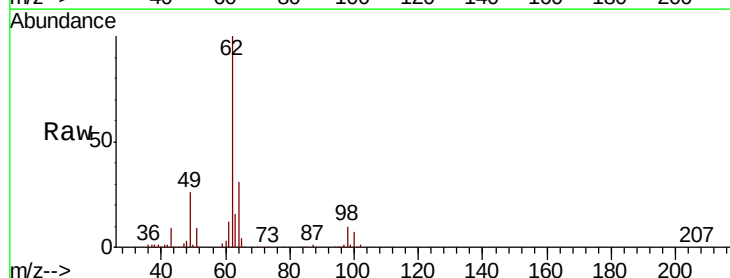
Acq: 24 Apr 2020 16:00

Tgt Ion: 62 Resp: 180560

Ion Ratio Lower Upper

62 100

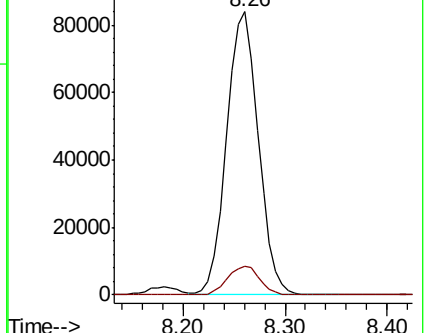
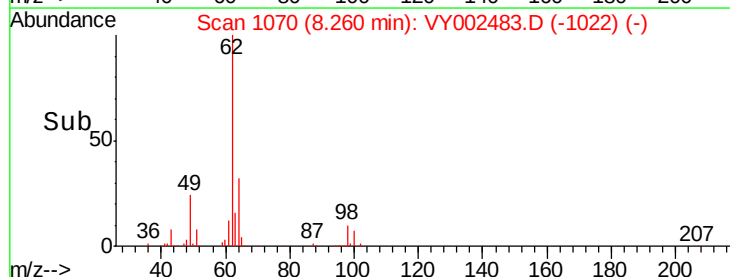
98 10.3 0.0 20.6

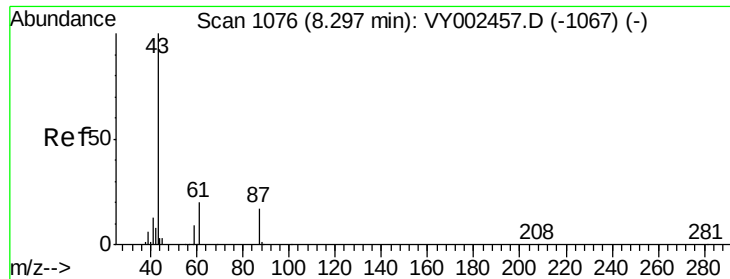


Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Time-->





#43

Isopropyl Acetate

Concen: 51.510 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. -0.01 min

Lab File: VY002483.D

Acq: 24 Apr 2020 16:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

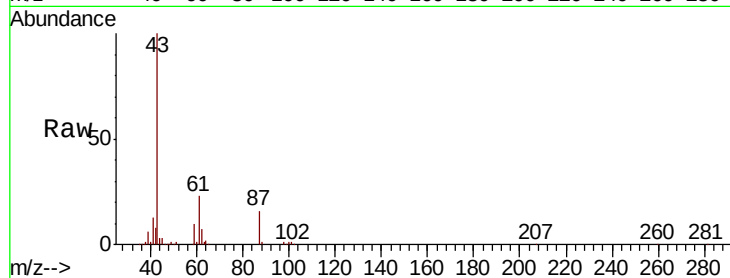
Tot Ion: 43 Resp: 202570

Ion Ratio Lower Upper

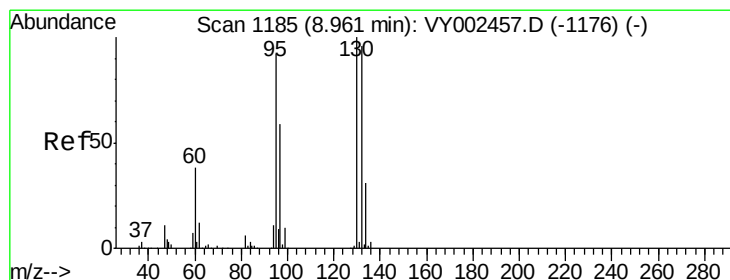
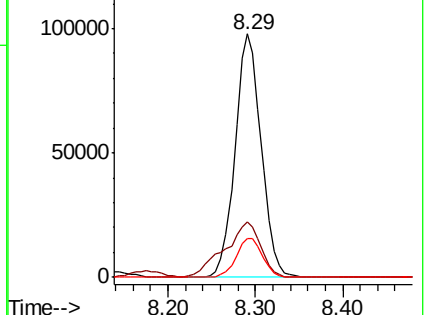
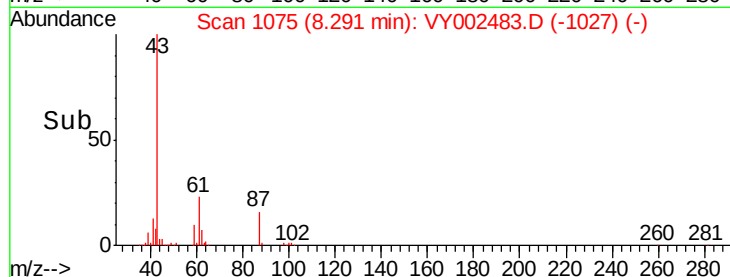
43 100

61 31.5 25.0 37.4

87 16.1 13.0 19.4



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0



#44

Trichloroethene

Concen: 51.778 ug/l

RT: 8.96 min Scan# 1184

Delta R.T. -0.01 min

Lab File: VY002483.D

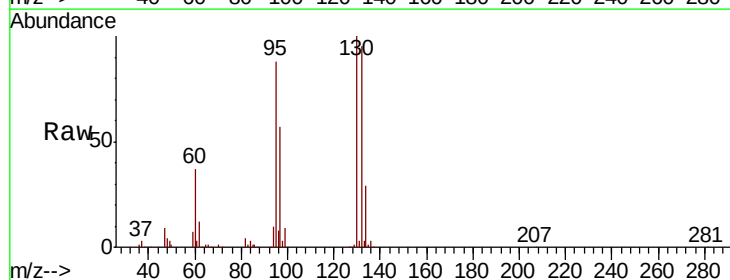
Acq: 24 Apr 2020 16:00

Tgt Ion:130 Resp: 195855

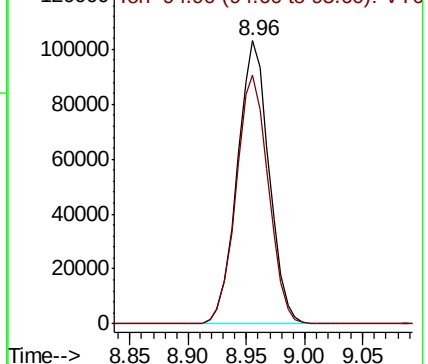
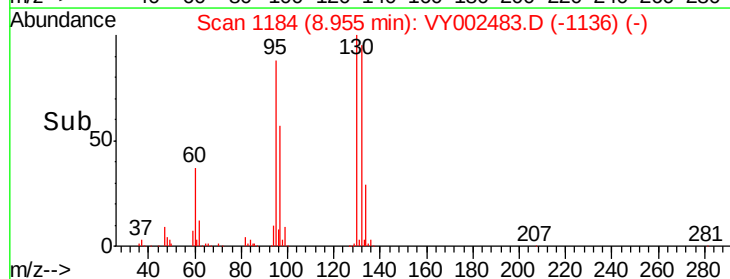
Ion Ratio Lower Upper

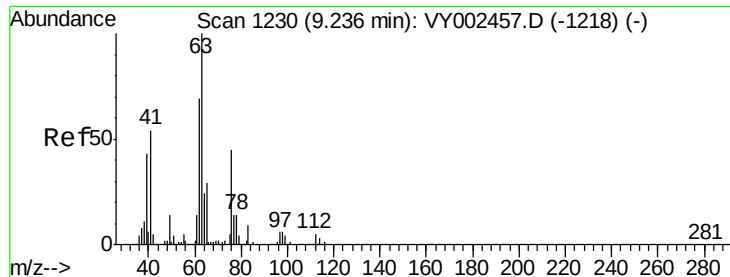
130 100

95 87.7 0.0 184.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VY0





#45

1,2-Dichloropropane

Concen: 52.233 ug/l

RT: 9.23 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VY002483.D

Acq: 24 Apr 2020 16:00

Instrument :

MSVOA_Y

ClientSampleId :

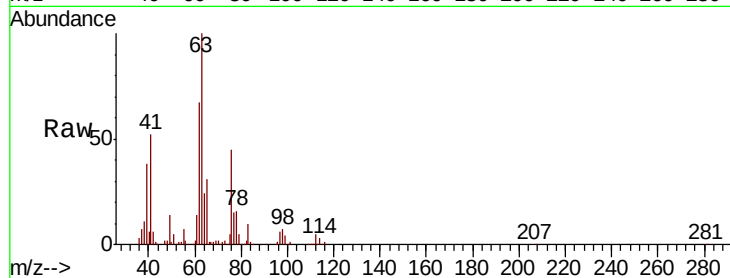
VSTDCCC050EC

Tot Ion: 63 Resp: 145628

Ion Ratio Lower Upper

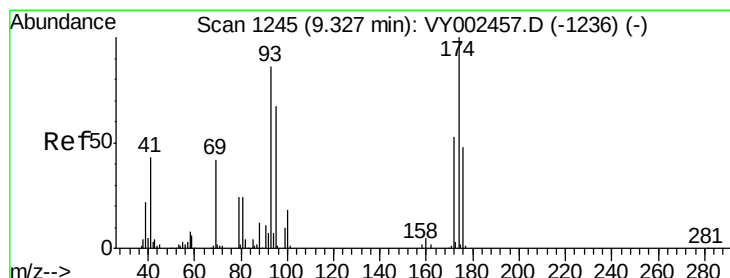
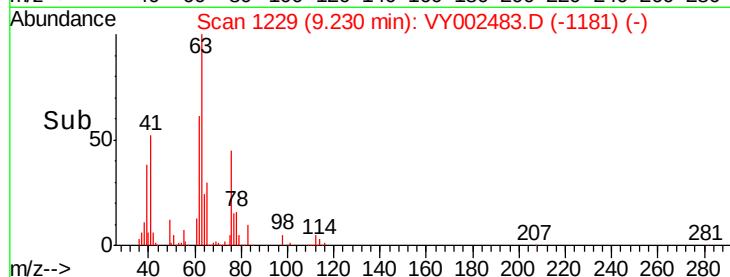
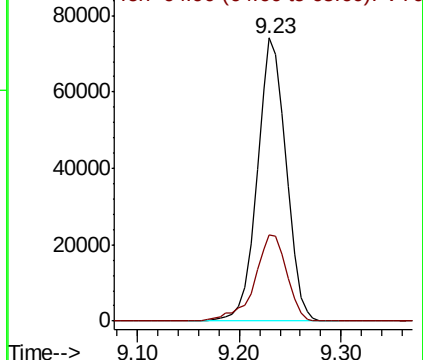
63 100

65 30.5 23.4 35.0



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 52.159 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. -0.01 min

Lab File: VY002483.D

Acq: 24 Apr 2020 16:00

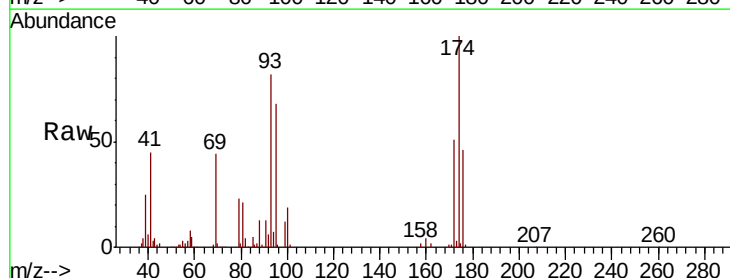
Tgt Ion: 93 Resp: 85080

Ion Ratio Lower Upper

93 100

95 83.2 65.4 98.0

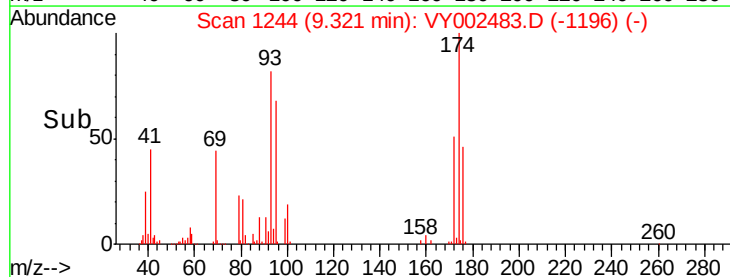
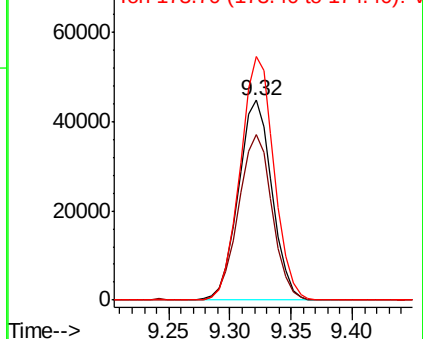
174 122.7 94.8 142.2

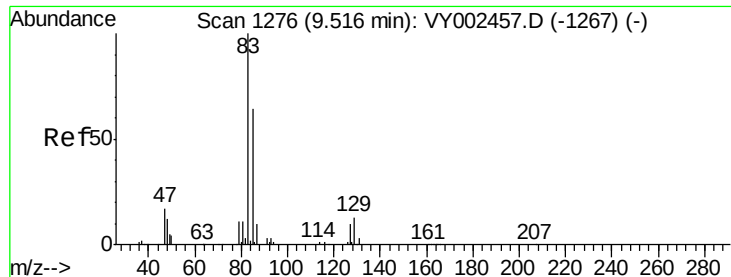


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.420 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. -0.01 min

Lab File: VY002483.D

Acq: 24 Apr 2020 16:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

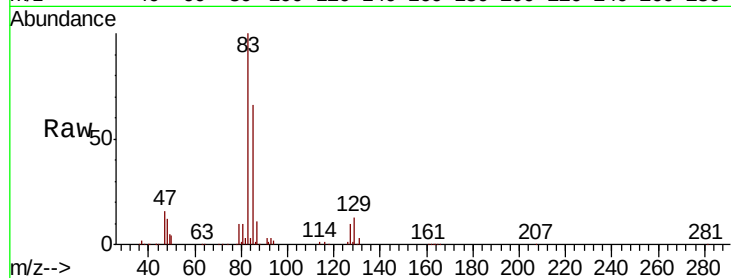
Tot Ion: 83 Resp: 213831

Ion Ratio Lower Upper

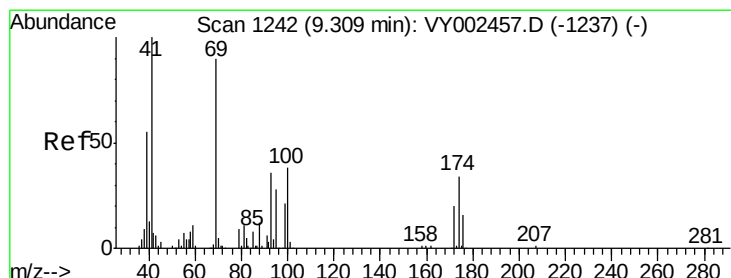
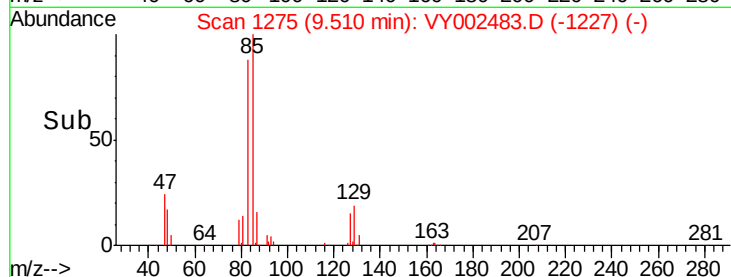
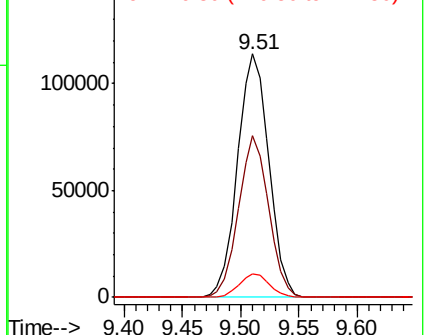
83 100

85 66.3 51.2 76.8

127 9.7 7.7 11.5



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: 51.453 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY002483.D

Acq: 24 Apr 2020 16:00

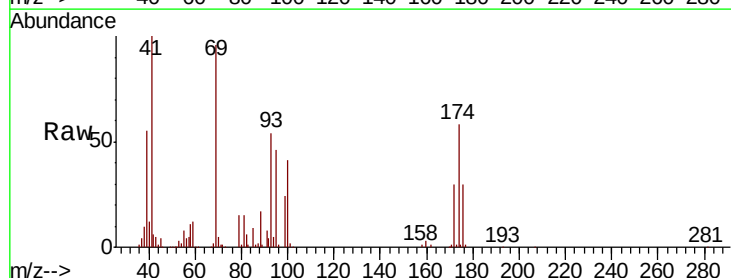
Tgt Ion: 41 Resp: 92374

Ion Ratio Lower Upper

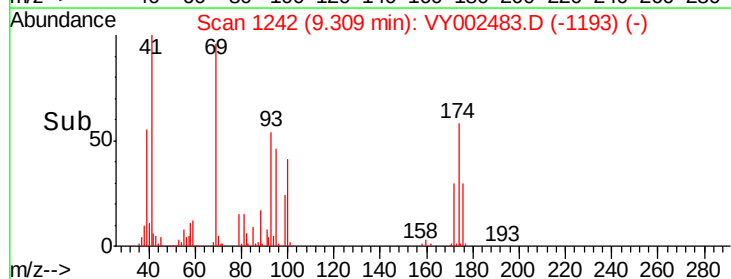
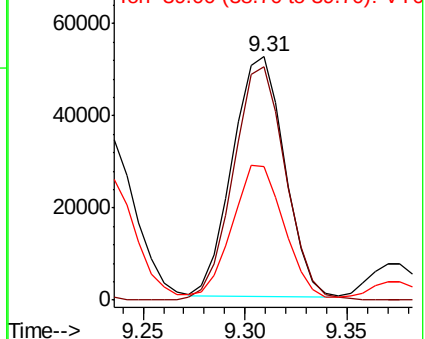
41 100

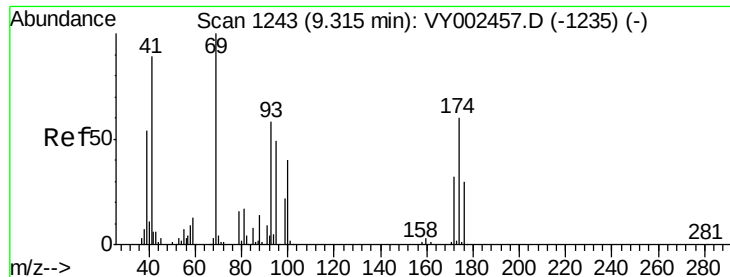
69 97.7 77.9 116.9

39 54.3 47.9 71.9



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: 1071.776 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.01 min

Lab File: VY002483.D

Acq: 24 Apr 2020 16:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

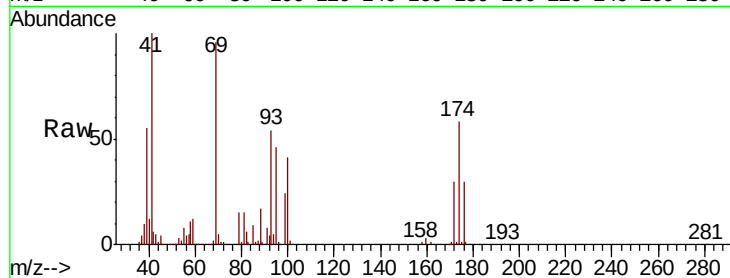
Tot Ion: 88 Resp: 22280

Ion Ratio Lower Upper

88 100

43 27.2 22.9 34.3

58 57.1 49.5 74.3

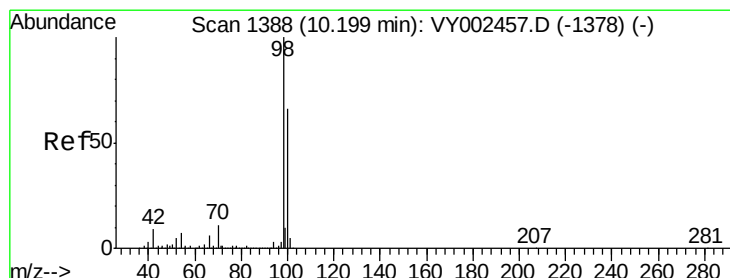
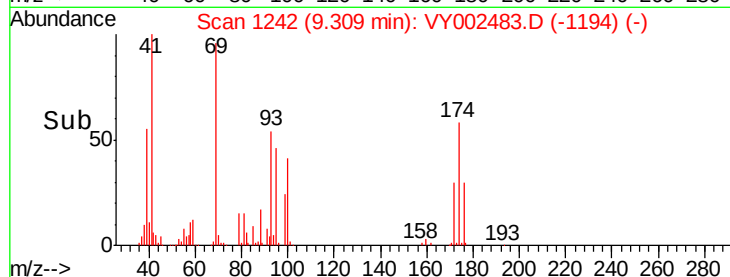
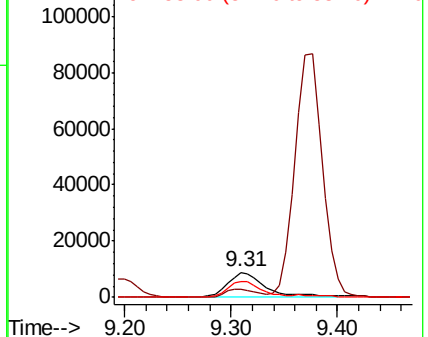


Abundance

Ion 88.00 (87.70 to 88.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#50

Toluene-d8

Concen: 45.392 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VY002483.D

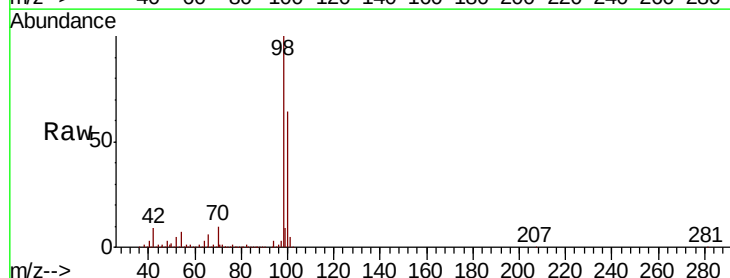
Acq: 24 Apr 2020 16:00

Tgt Ion: 98 Resp: 502301

Ion Ratio Lower Upper

98 100

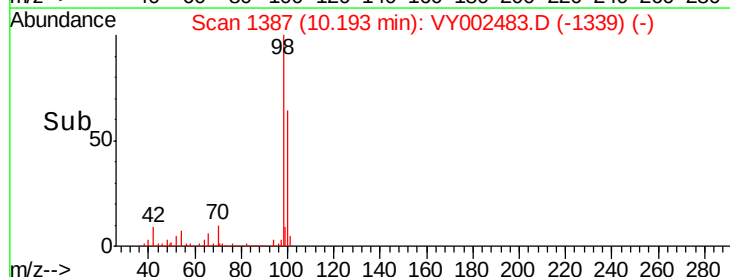
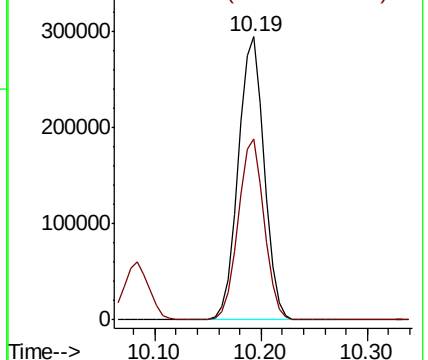
100 64.0 51.1 76.7

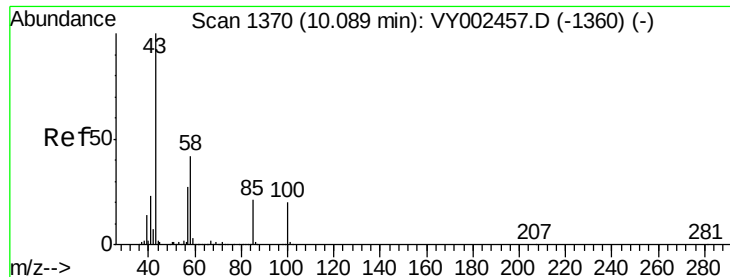


Abundance

Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

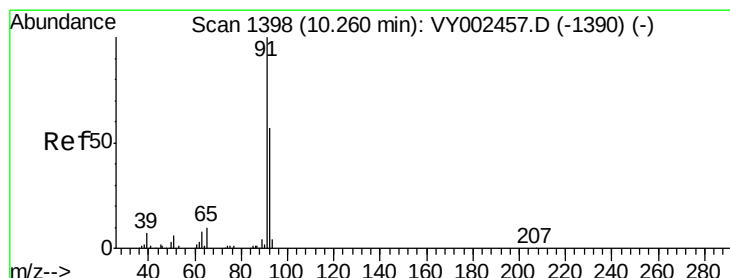
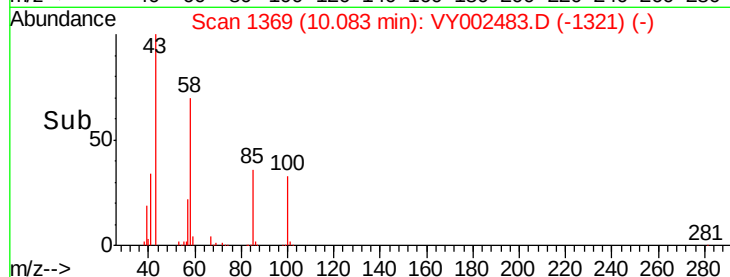
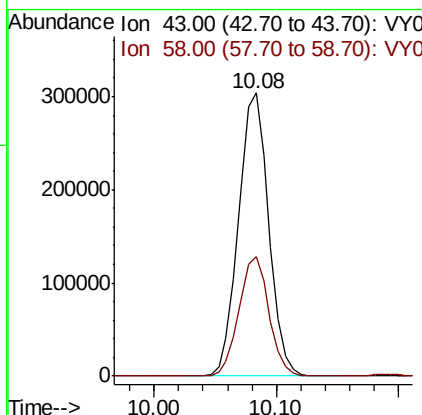
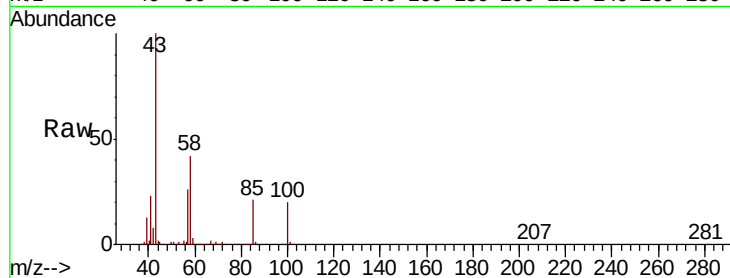




#51
 4-Methyl-2-Pentanone
 Concen: 254.055 ug/l
 RT: 10.08 min Scan# 1369
 Delta R.T. -0.01 min
 Lab File: VY002483.D
 Acq: 24 Apr 2020 16:00

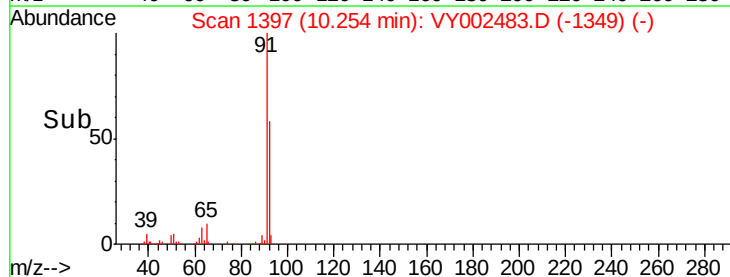
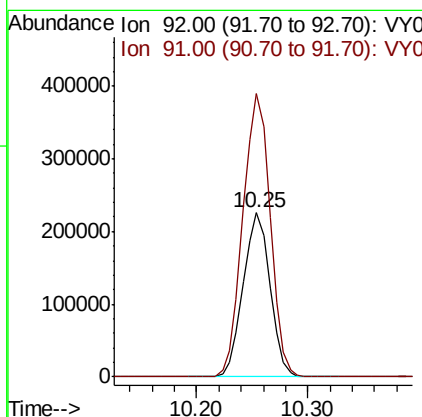
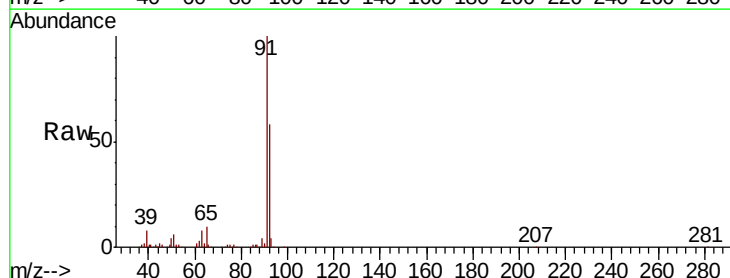
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

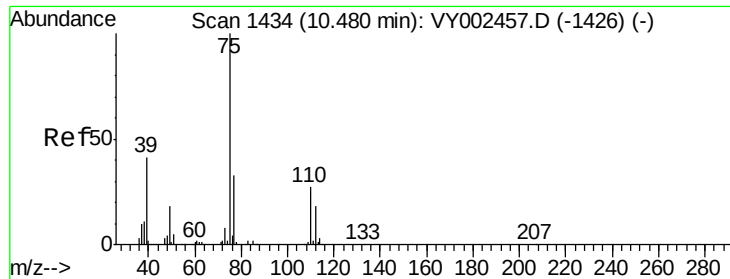
Tot Ion: 43 Resp: 518953
 Ion Ratio Lower Upper
 43 100
 58 42.0 33.2 49.8



#52
 Toluene
 Concen: 48.814 ug/l
 RT: 10.25 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: VY002483.D
 Acq: 24 Apr 2020 16:00

Tgt Ion: 92 Resp: 380111
 Ion Ratio Lower Upper
 92 100
 91 175.1 140.2 210.2





#53

t-1,3-Dichloropropene

Concen: 41.325 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.01 min

Lab File: VY002483.D

Acq: 24 Apr 2020 16:00

Instrument :

MSVOA_Y

ClientSampleId :

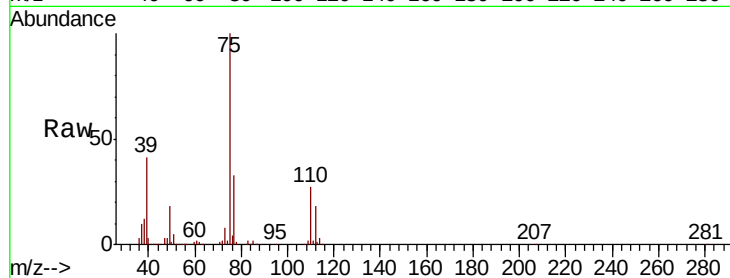
VSTDCCC050EC

Tot Ion: 75 Resp: 177032

Ion Ratio Lower Upper

75 100

77 32.5 26.4 39.6



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

120000

100000

80000

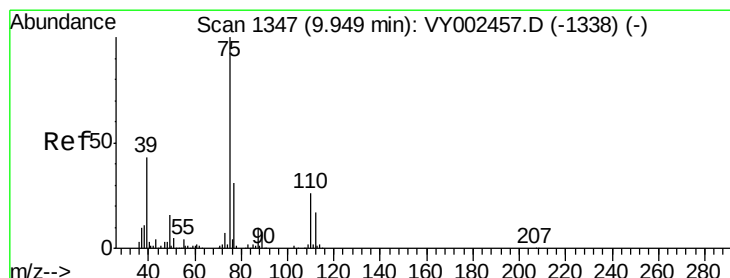
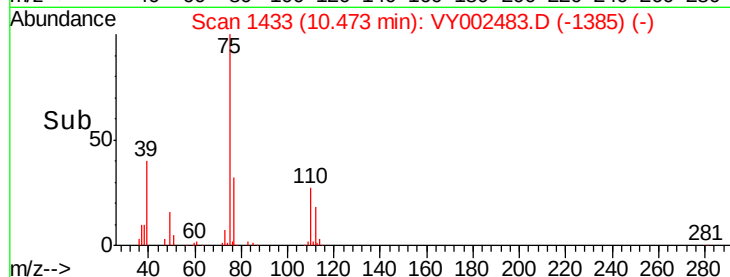
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 52.659 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. -0.01 min

Lab File: VY002483.D

Acq: 24 Apr 2020 16:00

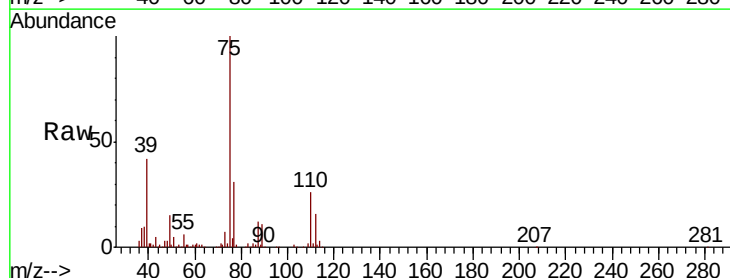
Tgt Ion: 75 Resp: 258200

Ion Ratio Lower Upper

75 100

77 31.5 25.2 37.8

39 41.7 34.2 51.2



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

9.94

200000

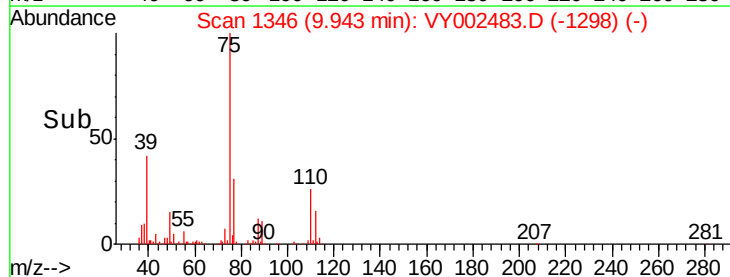
150000

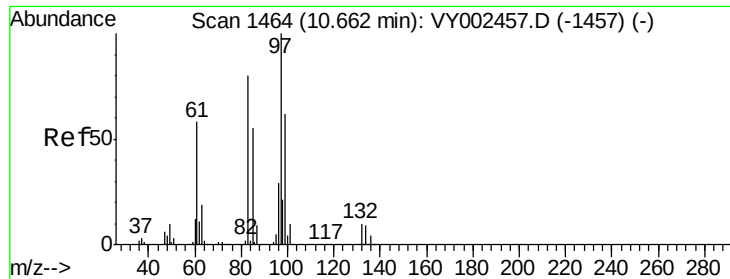
100000

50000

0

Time-->

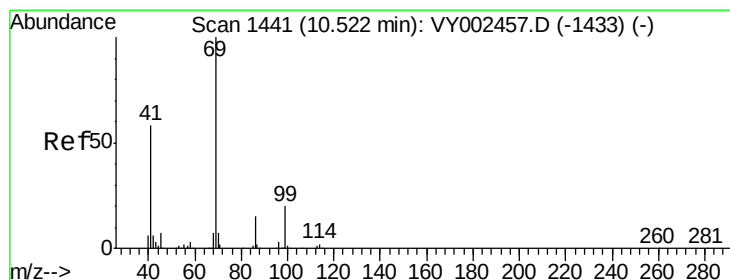
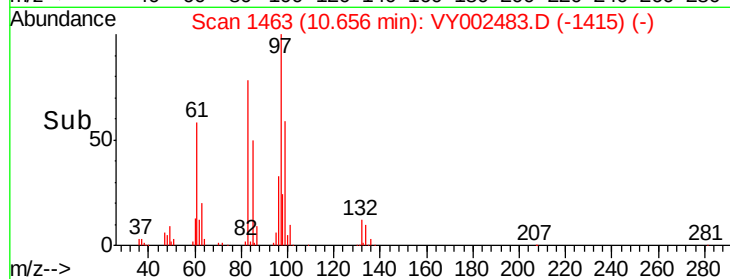
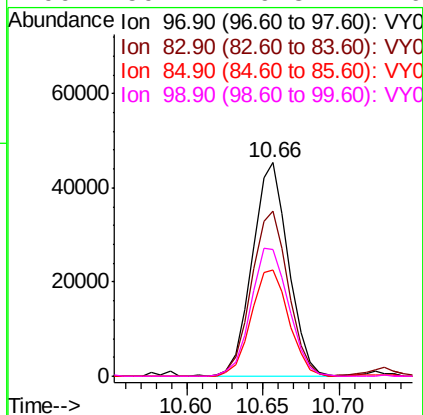
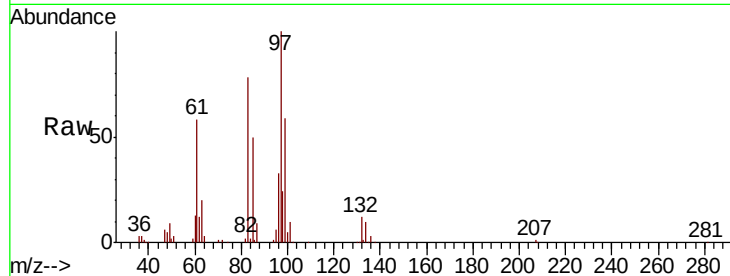




#55
 1,1,2-Trichloroethane
 Concen: 30.898 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: VY002483.D
 Acq: 24 Apr 2020 16:00

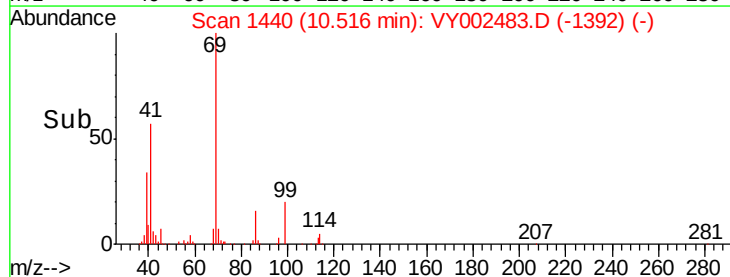
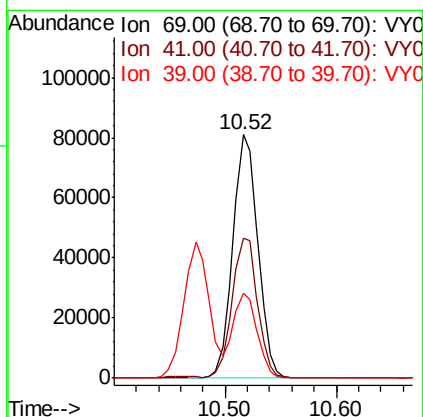
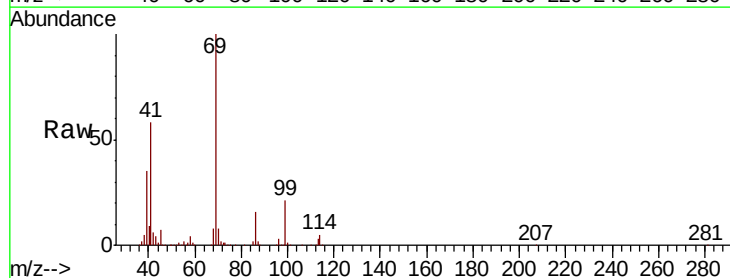
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

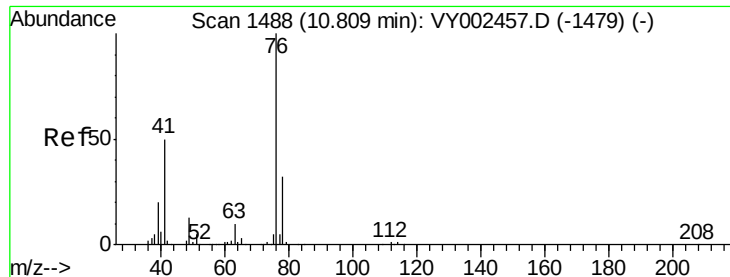
Tot Ion:	97	Resp:	74519
Ion	Ratio	Lower	Upper
97	100		
83	77.5	63.8	95.8
85	49.9	43.9	65.9
99	59.2	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 38.286 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: VY002483.D
 Acq: 24 Apr 2020 16:00

Tgt Ion:	69	Resp:	126171
Ion	Ratio	Lower	Upper
69	100		
41	58.4	47.5	71.3
39	33.8	25.7	38.5





#57

1,3-Dichloropropane

Concen: 37.123 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. -0.01 min

Lab File: VY002483.D

Acq: 24 Apr 2020 16:00

Instrument :

MSVOA_Y

ClientSampleId :

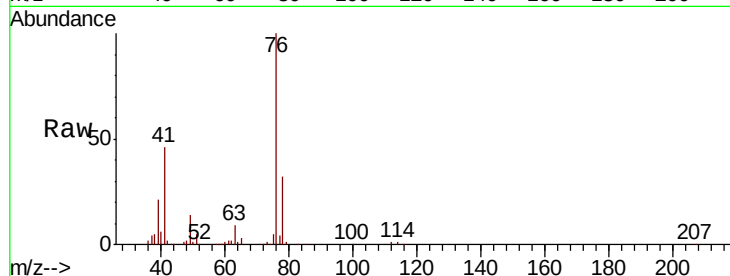
VSTDCCC050EC

Tot Ion: 76 Resp: 151157

Ion Ratio Lower Upper

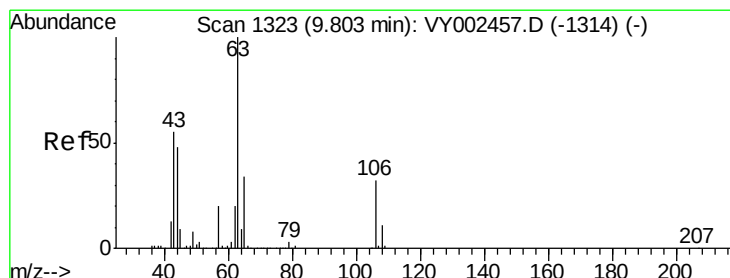
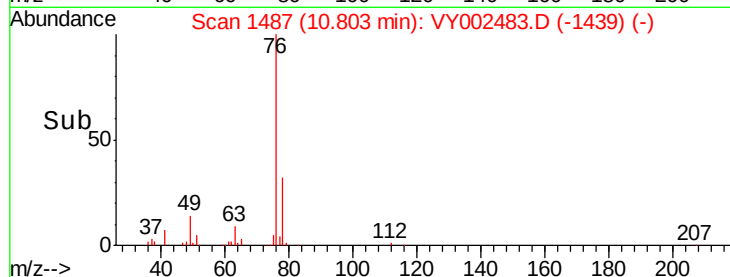
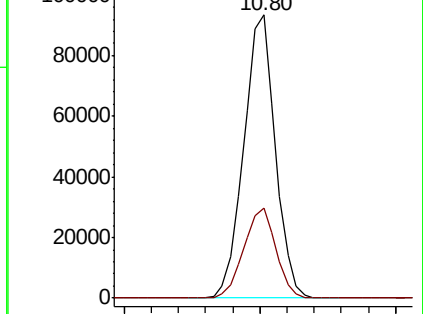
76 100

78 32.3 26.2 39.4



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 226.088 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. -0.01 min

Lab File: VY002483.D

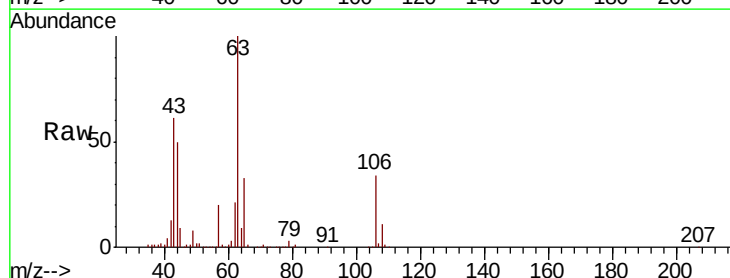
Acq: 24 Apr 2020 16:00

Tgt Ion: 63 Resp: 360295

Ion Ratio Lower Upper

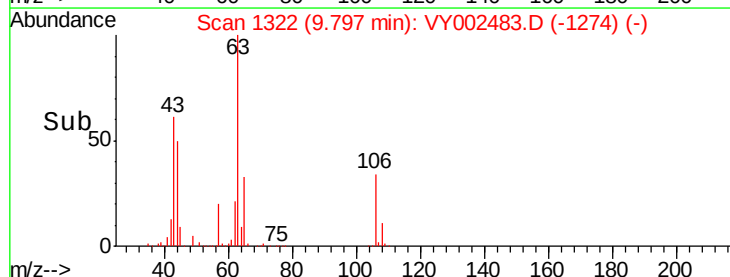
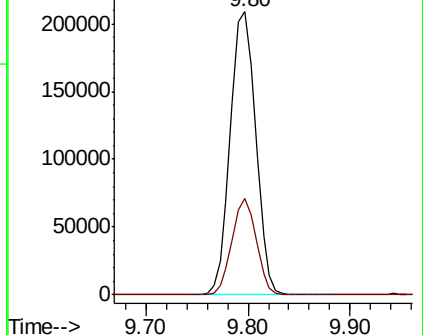
63 100

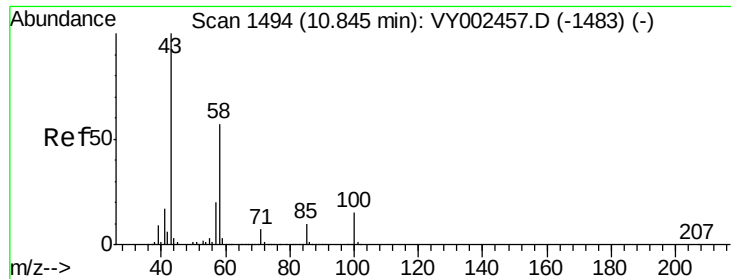
106 32.5 26.0 39.0



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

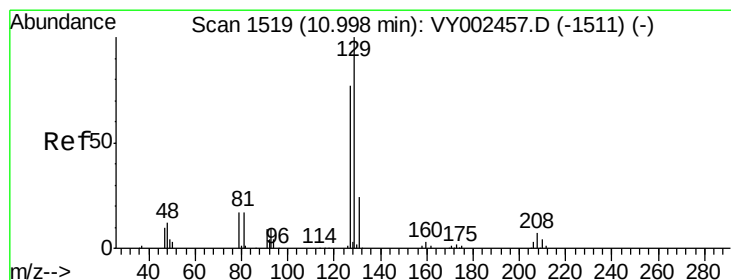
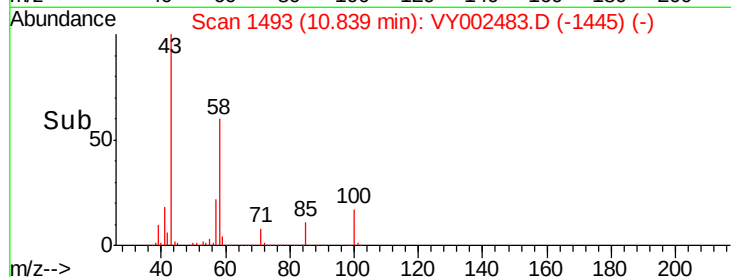
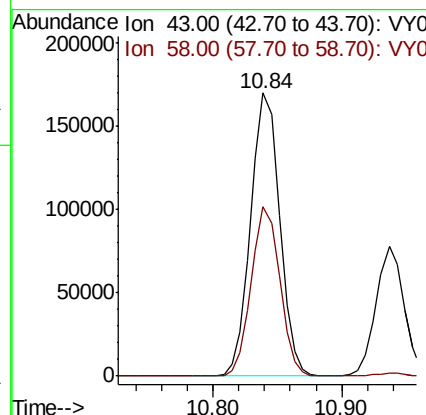
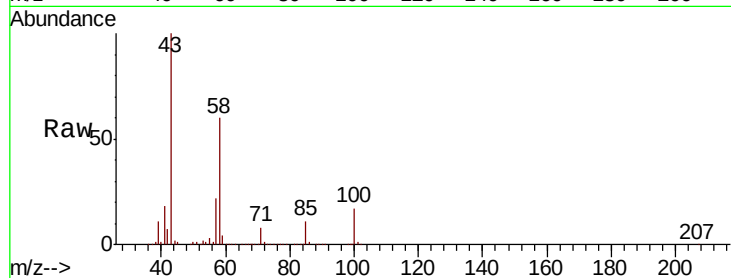




#59
2-Hexanone
Concen: 186.349 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.01 min
Lab File: VY002483.D
Acq: 24 Apr 2020 16:00

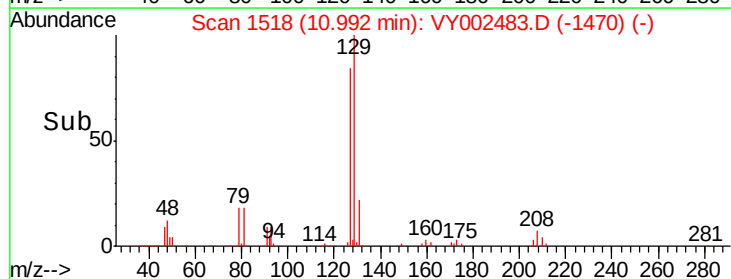
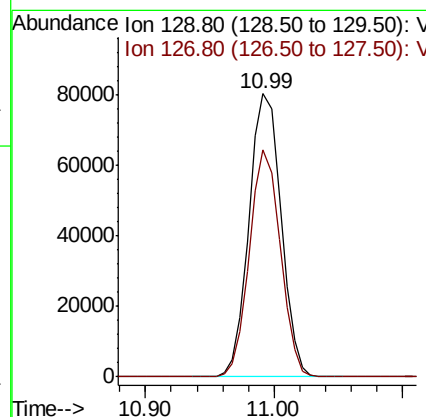
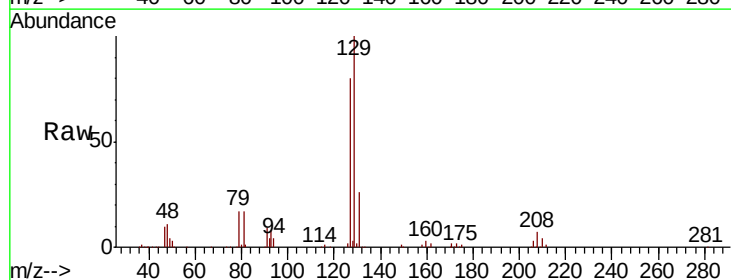
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

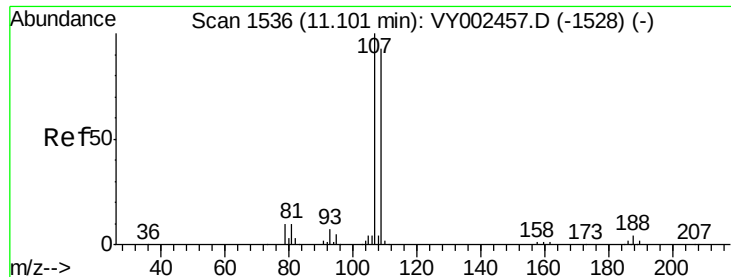
Tot Ion: 43 Resp: 265328
Ion Ratio Lower Upper
43 100
58 58.8 28.8 86.4



#60
Dibromochloromethane
Concen: 43.556 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.01 min
Lab File: VY002483.D
Acq: 24 Apr 2020 16:00

Tgt Ion: 129 Resp: 137648
Ion Ratio Lower Upper
129 100
127 77.5 38.3 114.9

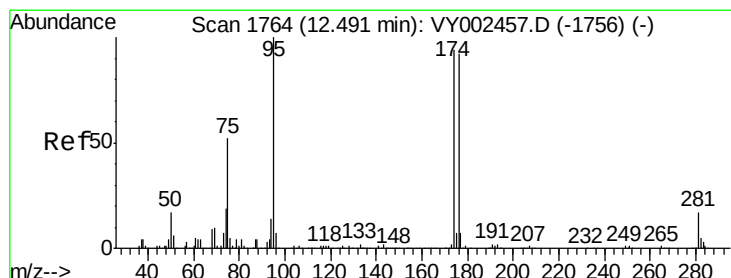
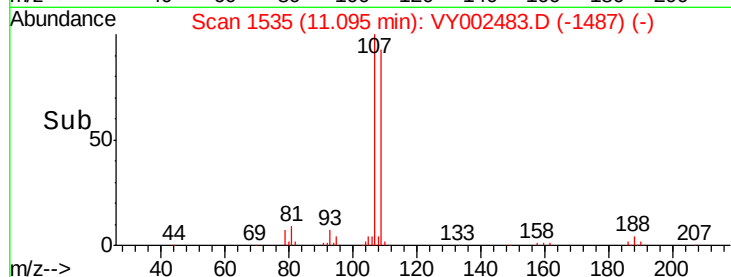
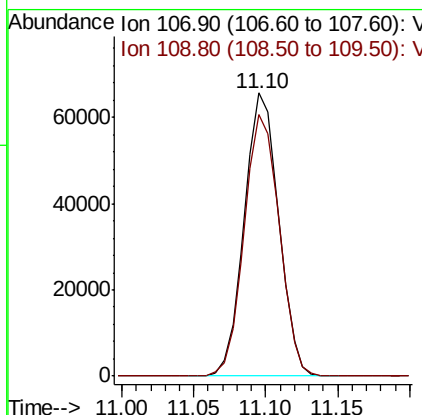
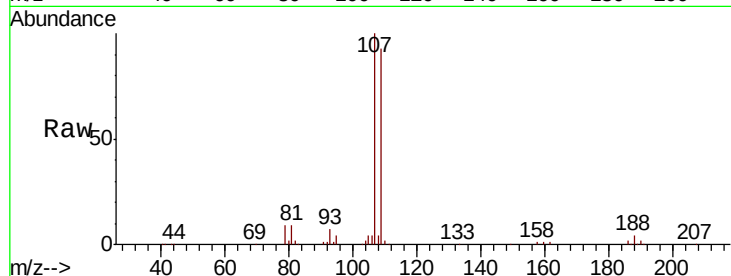




#61
 1,2-Dibromoethane
 Concen: 45.377 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: VY002483.D
 Acq: 24 Apr 2020 16:00

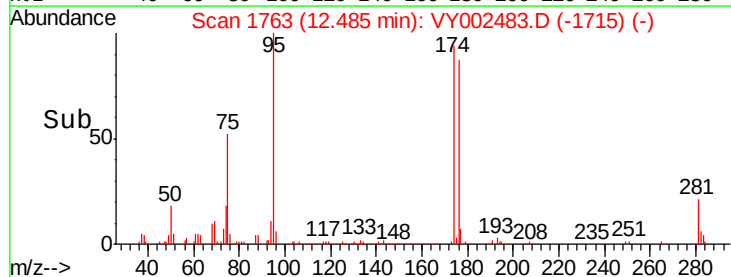
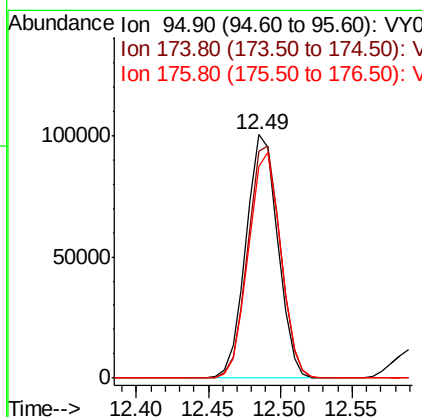
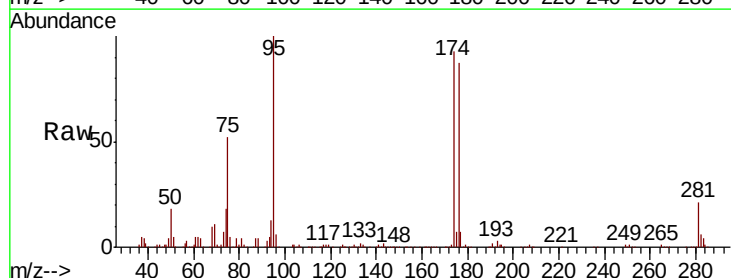
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

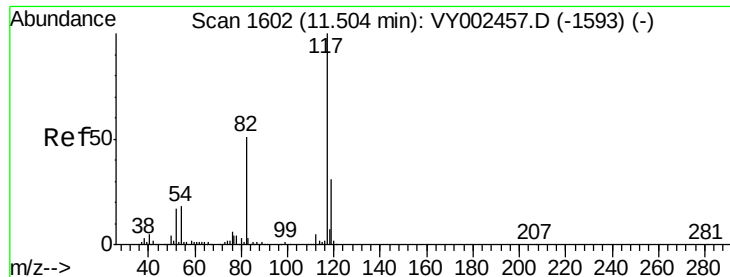
Tot Ion:107 Resp: 108522
 Ion Ratio Lower Upper
 107 100
 109 94.3 74.9 112.3



#62
 4-Bromofluorobenzene
 Concen: 41.333 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: VY002483.D
 Acq: 24 Apr 2020 16:00

Tgt Ion: 95 Resp: 153472
 Ion Ratio Lower Upper
 95 100
 174 97.3 0.0 193.0
 176 93.5 0.0 190.4

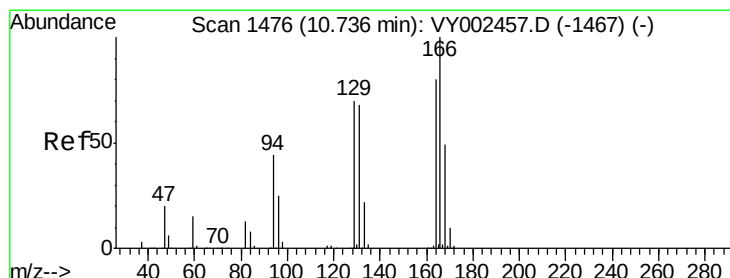
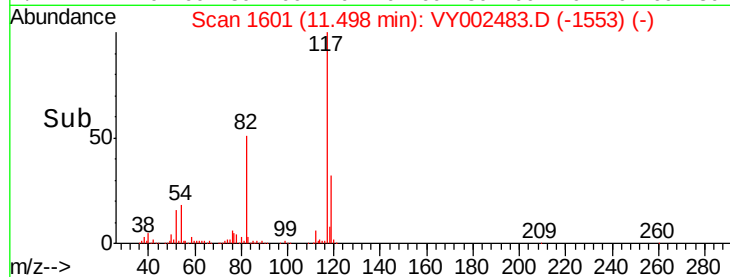
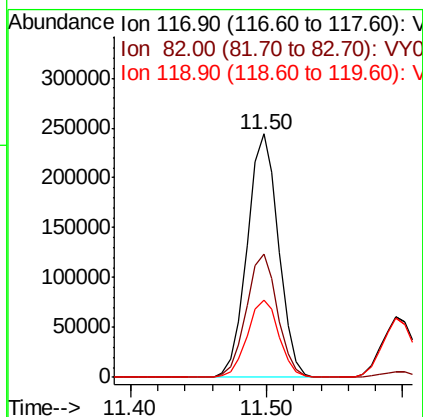
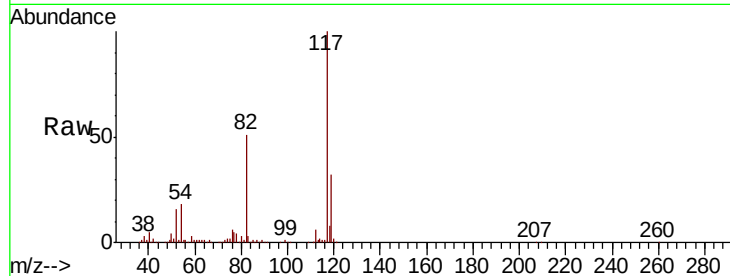




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY002483.D
Acq: 24 Apr 2020 16:00

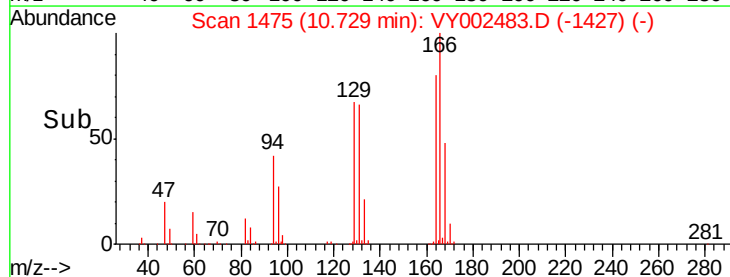
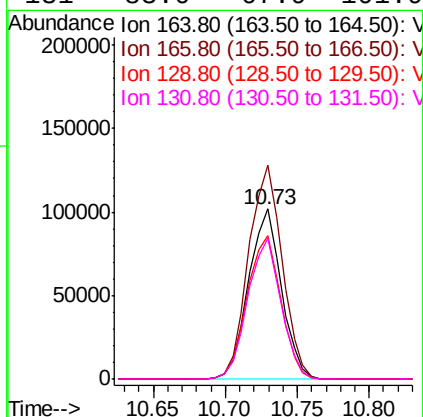
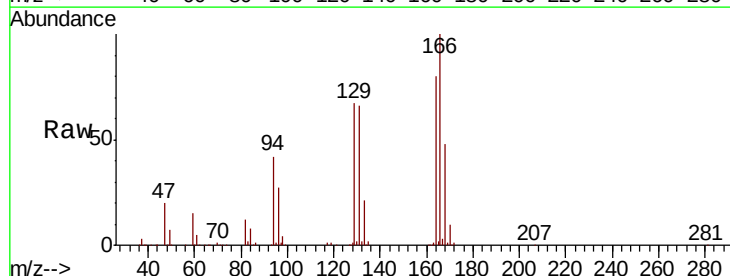
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

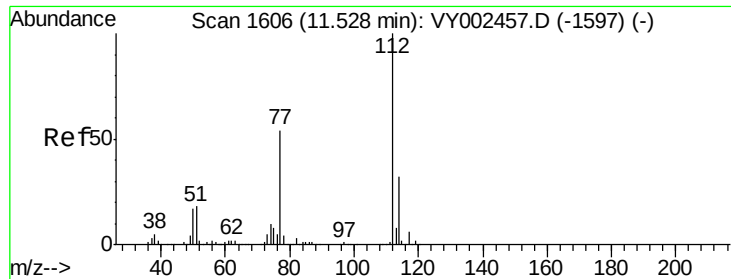
Tot Ion:117 Resp: 392962
Ion Ratio Lower Upper
117 100
82 50.9 40.8 61.2
119 31.6 25.2 37.8



#64
Tetrachloroethene
Concen: 44.417 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. -0.01 min
Lab File: VY002483.D
Acq: 24 Apr 2020 16:00

Tgt Ion:164 Resp: 159966
Ion Ratio Lower Upper
164 100
166 125.7 100.0 150.0
129 84.2 69.8 104.8
131 83.0 67.9 101.9

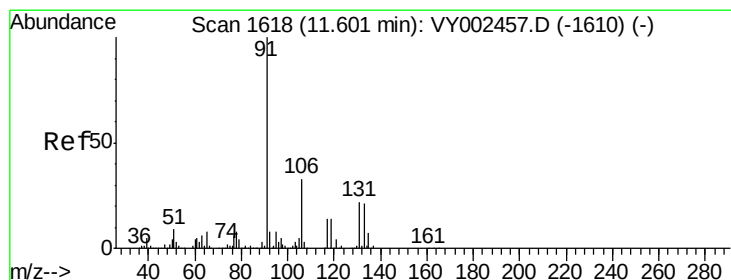
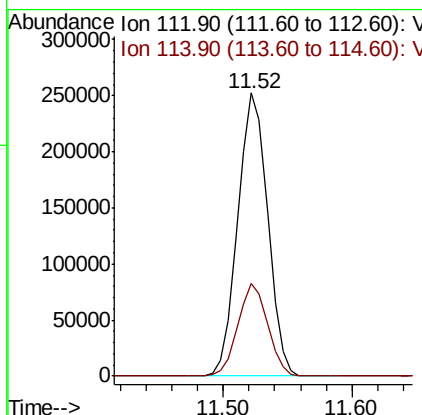
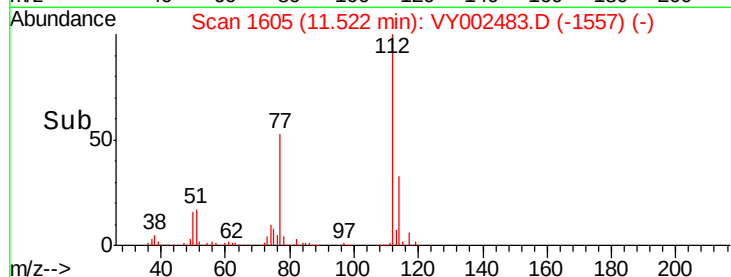
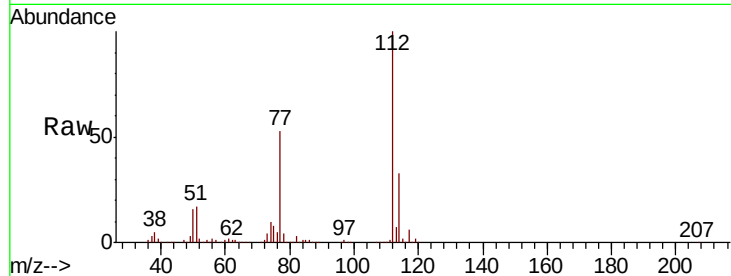




#65
Chlorobenzene
Concen: 53.611 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.01 min
Lab File: VY002483.D
Acq: 24 Apr 2020 16:00

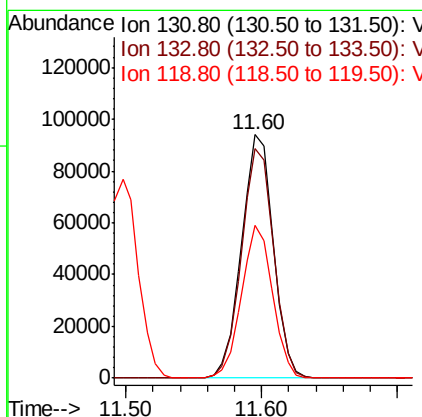
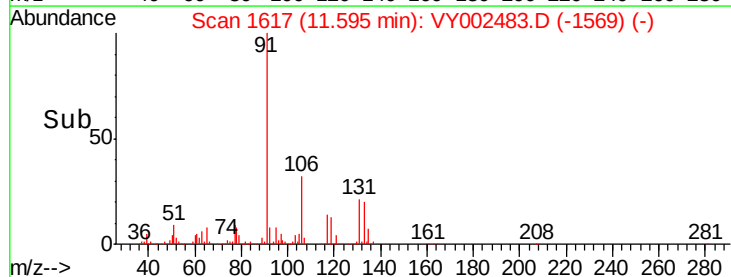
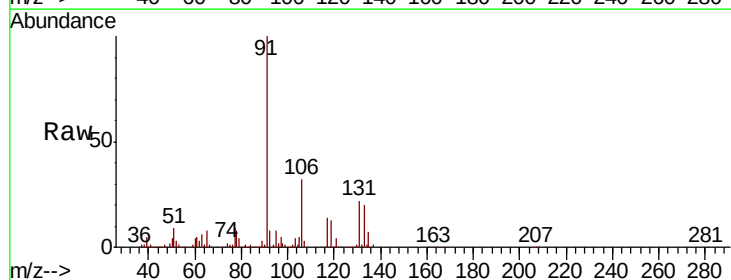
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

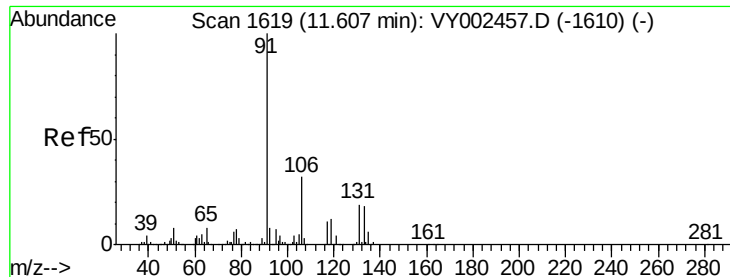
Tot Ion:112 Resp: 406147
Ion Ratio Lower Upper
112 100
114 32.6 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 54.184 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002483.D
Acq: 24 Apr 2020 16:00

Tgt Ion:131 Resp: 154019
Ion Ratio Lower Upper
131 100
133 95.3 47.8 143.4
119 61.1 31.1 93.3





#67

Ethyl Benzene

Concen: 52.934 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. -0.01 min

Lab File: VY002483.D

Acq: 24 Apr 2020 16:00

Instrument :

MSVOA_Y

ClientSampleId :

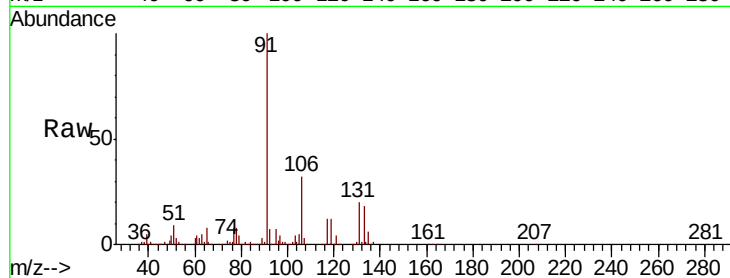
VSTDCCC050EC

Tot Ion: 91 Resp: 714695

Ion Ratio Lower Upper

91 100

106 32.3 25.8 38.6



Abundance Ion 91.00 (90.70 to 91.70): VY002457.D (-1610) (-)

Ion 106.00 (105.70 to 106.70): VY002457.D (-1610) (-)

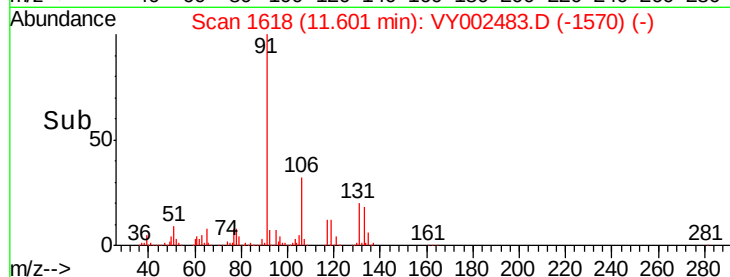
600000

400000

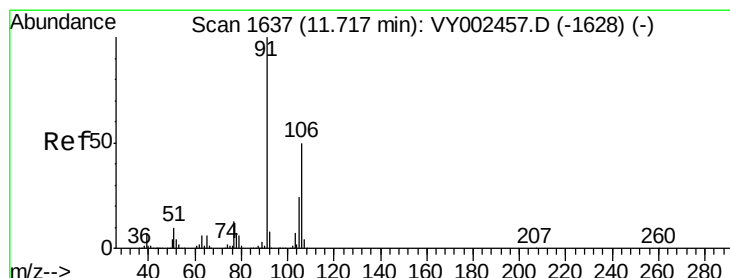
200000

0

11.50 11.55 11.60 11.65



Time-->



#68

m/p-Xylenes

Concen: 106.245 ug/l

RT: 11.71 min Scan# 1636

Delta R.T. -0.01 min

Lab File: VY002483.D

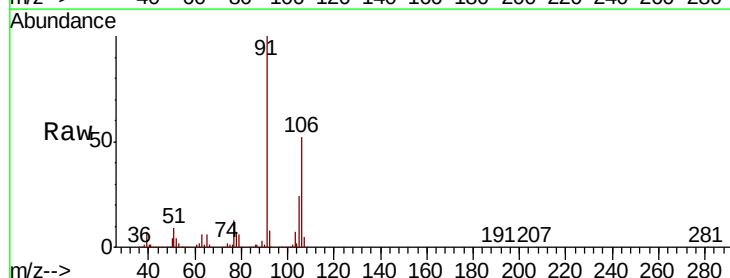
Acq: 24 Apr 2020 16:00

Tgt Ion:106 Resp: 552219

Ion Ratio Lower Upper

106 100

91 197.0 159.8 239.6



Abundance Ion 106.00 (105.70 to 106.70): VY002457.D (-1628) (-)

Ion 91.00 (90.70 to 91.70): VY002457.D (-1628) (-)

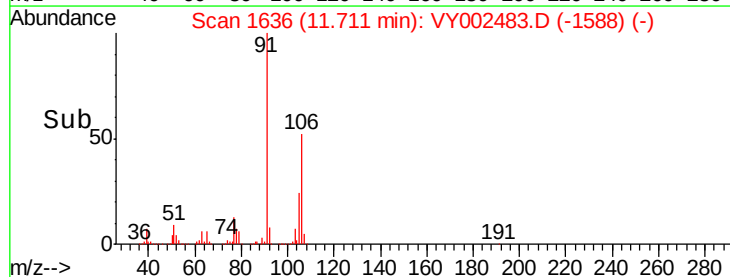
600000

400000

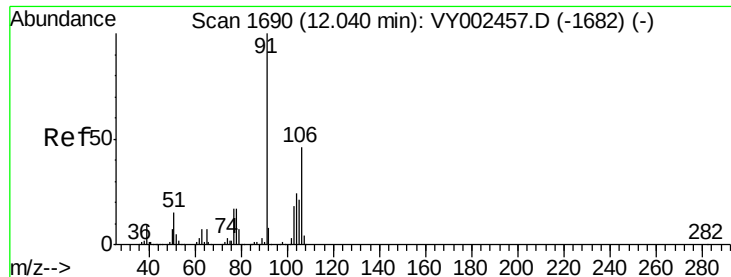
200000

0

11.60 11.70 11.80



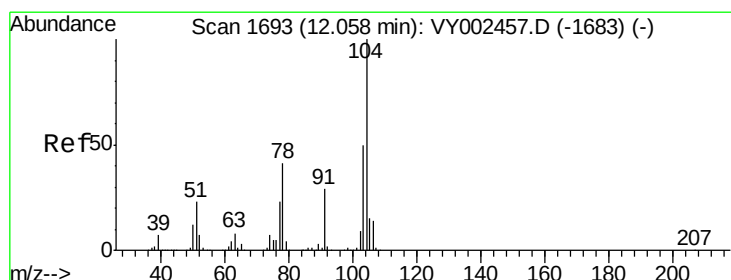
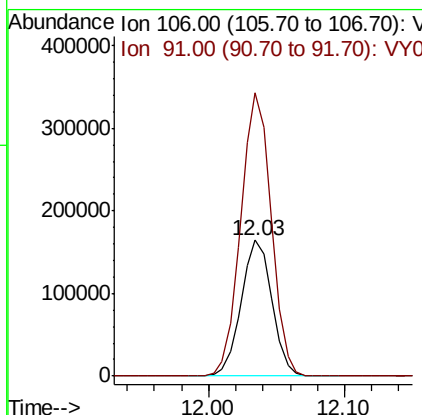
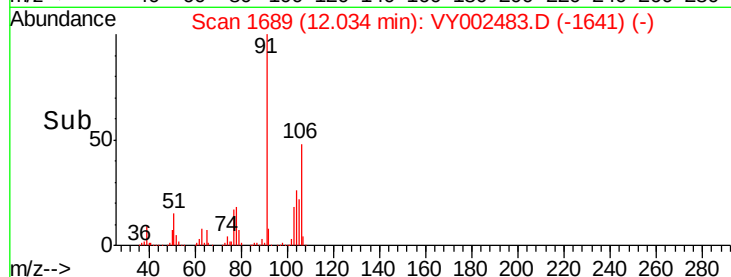
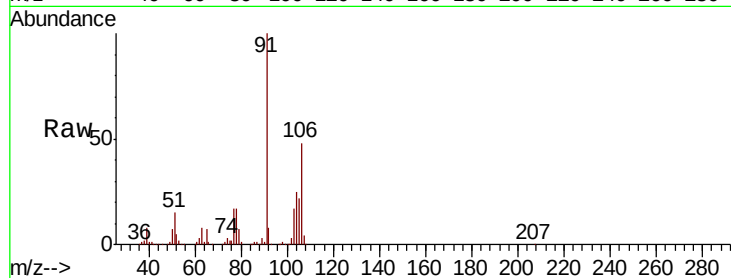
Time-->



#69
o-Xylene
Concen: 53.943 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VY002483.D
Acq: 24 Apr 2020 16:00

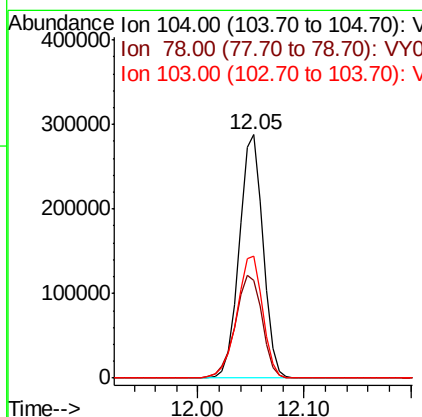
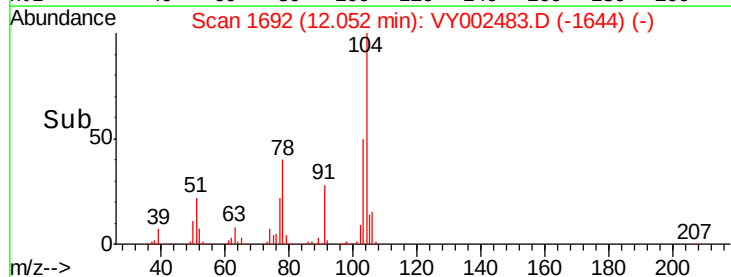
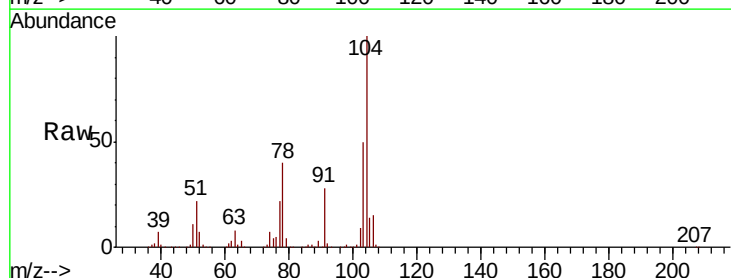
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

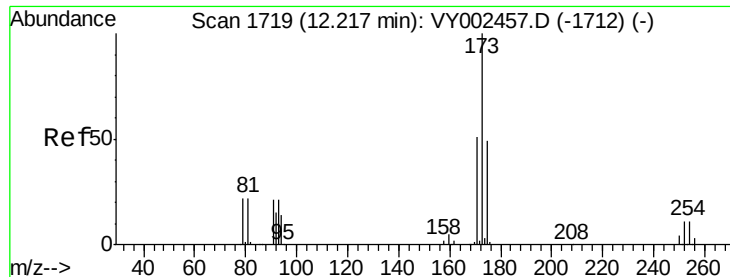
Tot Ion:106 Resp: 259639
Ion Ratio Lower Upper
106 100
91 206.7 104.5 313.3



#70
Styrene
Concen: 53.859 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.01 min
Lab File: VY002483.D
Acq: 24 Apr 2020 16:00

Tgt Ion:104 Resp: 451387
Ion Ratio Lower Upper
104 100
78 47.5 38.0 57.0
103 54.5 44.4 66.6





#71

Bromoform

Concen: 52.455 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.01 min

Lab File: VY002483.D

Acq: 24 Apr 2020 16:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

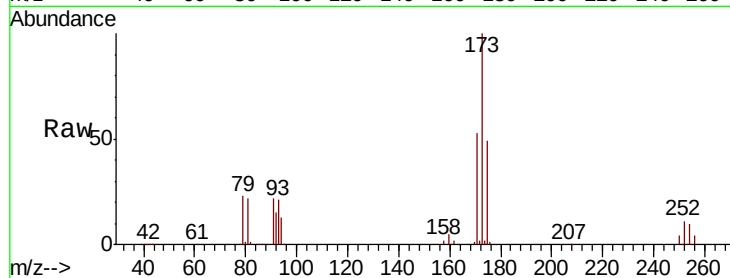
Tot Ion:173 Resp: 93930

Ion Ratio Lower Upper

173 100

175 50.0 24.3 73.0

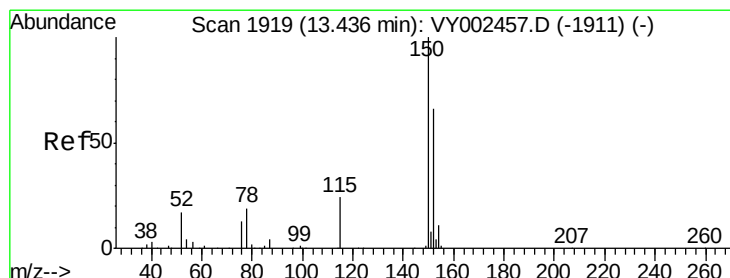
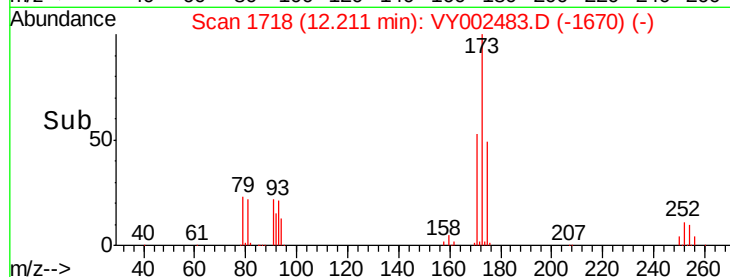
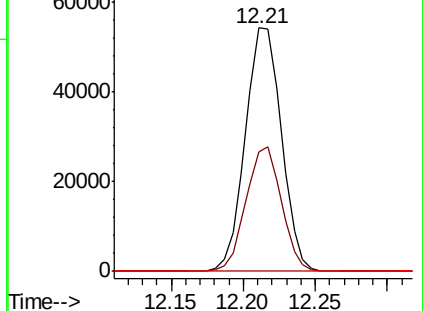
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY002483.D

Acq: 24 Apr 2020 16:00

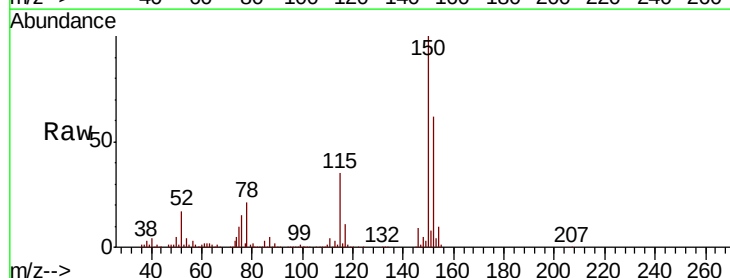
Tgt Ion:152 Resp: 206715

Ion Ratio Lower Upper

152 100

115 54.4 27.3 81.8

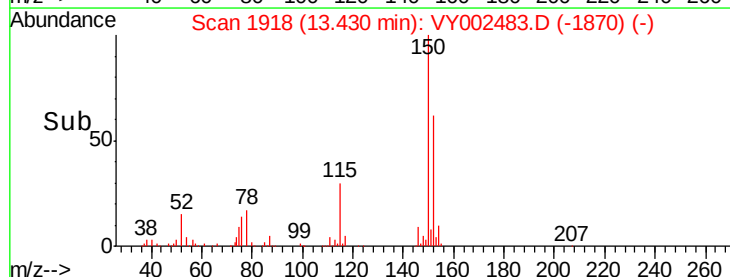
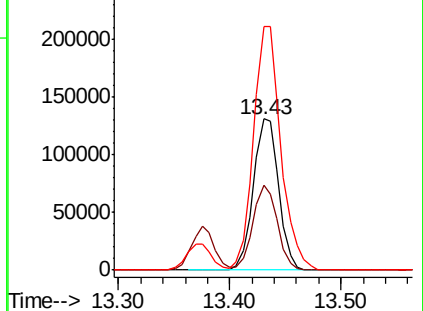
150 174.1 0.0 346.8

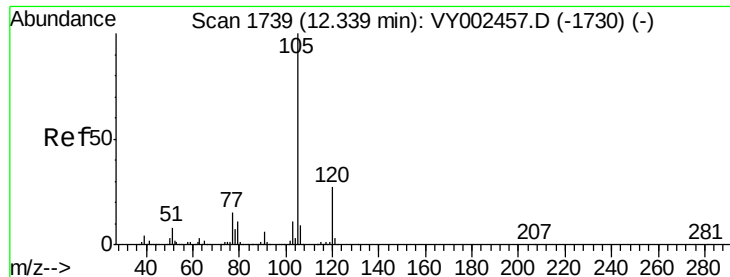


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.730 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY002483.D

Acq: 24 Apr 2020 16:00

Instrument :

MSVOA_Y

ClientSampleId :

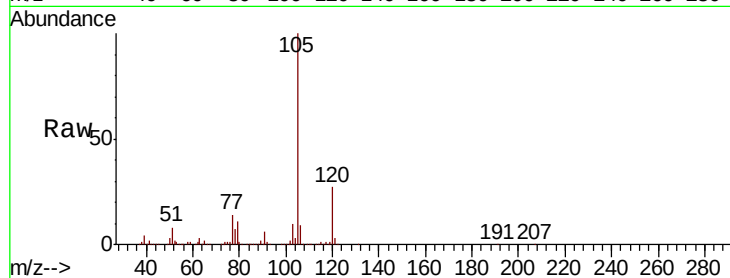
VSTDCCC050EC

Tot Ion:105 Resp: 714906

Ion Ratio Lower Upper

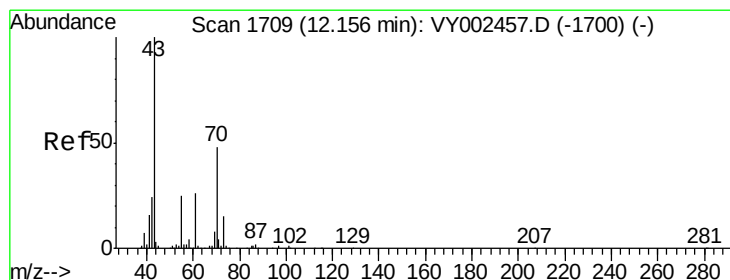
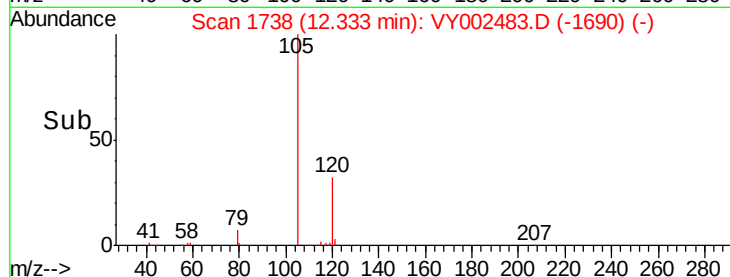
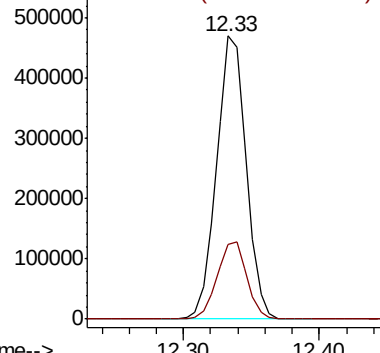
105 100

120 27.3 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.704 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. -0.01 min

Lab File: VY002483.D

Acq: 24 Apr 2020 16:00

Tgt Ion: 43 Resp: 162772

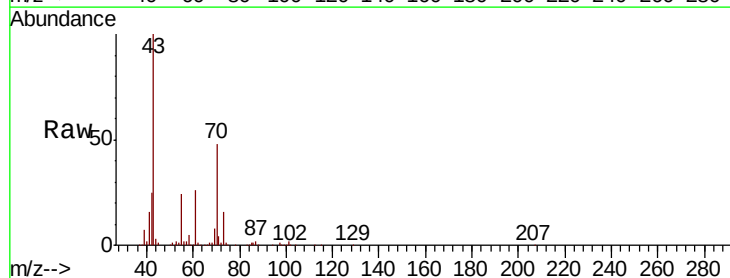
Ion Ratio Lower Upper

43 100

70 47.0 37.2 55.8

55 24.4 19.6 29.4

61 26.2 20.7 31.1

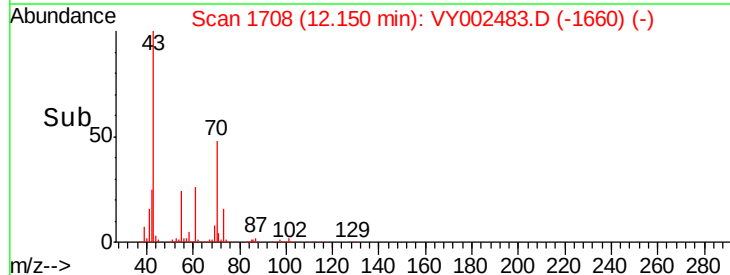
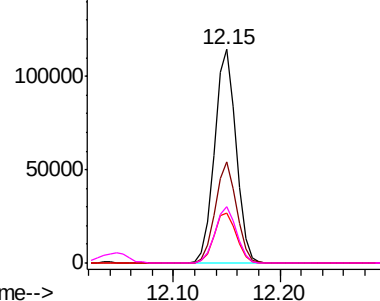


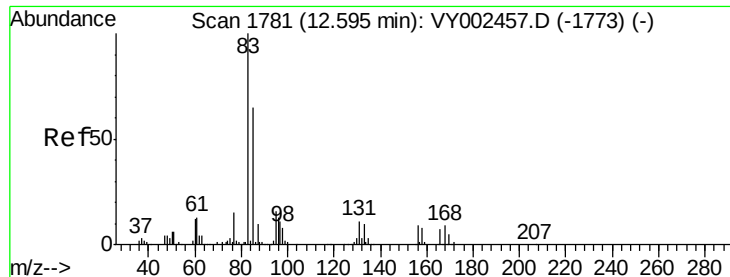
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 50.538 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.01 min

Lab File: VY002483.D

Acq: 24 Apr 2020 16:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

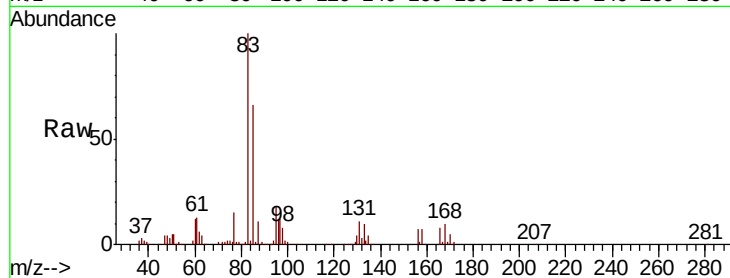
Tot Ion: 83 Resp: 107268

Ion Ratio Lower Upper

83 100

131 12.2 6.2 18.6

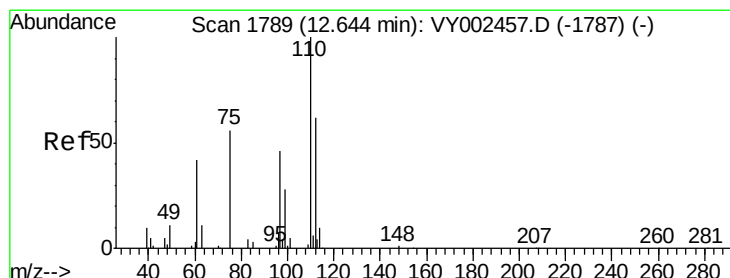
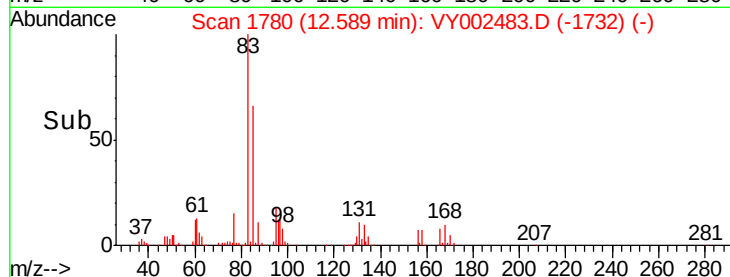
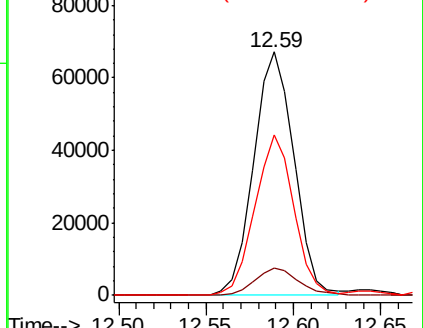
85 63.6 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VY002457.D (-1773) (-)

Ion 130.80 (130.50 to 131.50): VY002457.D (-1773) (-)

Ion 84.90 (84.60 to 85.60): VY002457.D (-1773) (-)



#76

1,2,3-Trichloropropane

Concen: 51.257 ug/l m

RT: 12.64 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VY002483.D

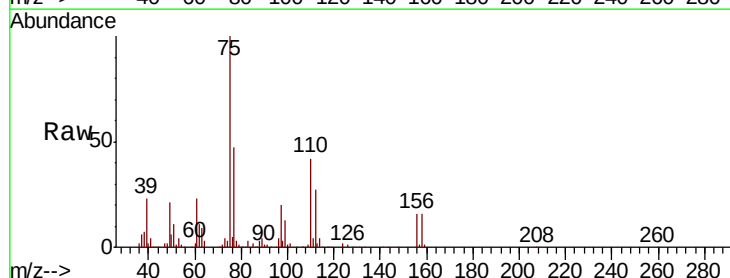
Acq: 24 Apr 2020 16:00

Tgt Ion: 75 Resp: 89804

Ion Ratio Lower Upper

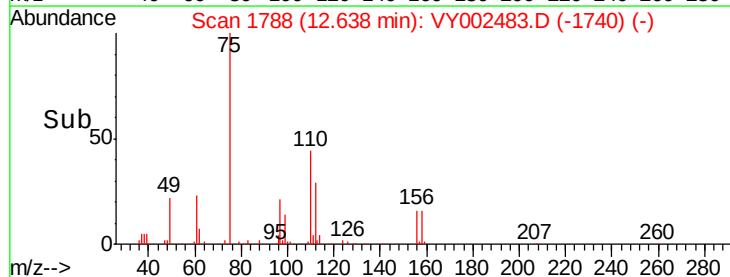
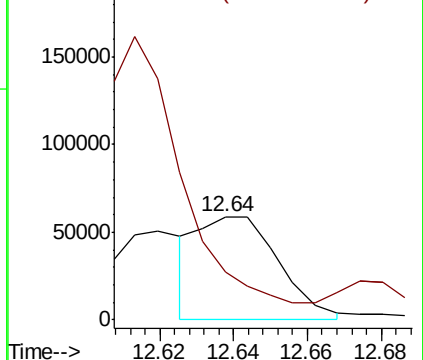
75 100

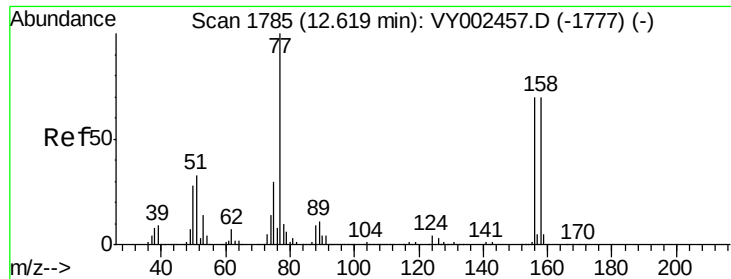
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002457.D (-1787) (-)

Ion 77.00 (76.70 to 77.70): VY002457.D (-1787) (-)





#77

Bromobenzene

Concen: 51.403 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VY002483.D

Acq: 24 Apr 2020 16:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

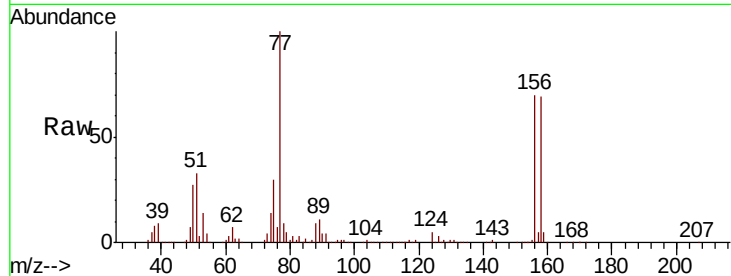
Tot Ion:156 Resp: 178164

Ion Ratio Lower Upper

156 100

77 155.6 78.5 235.7

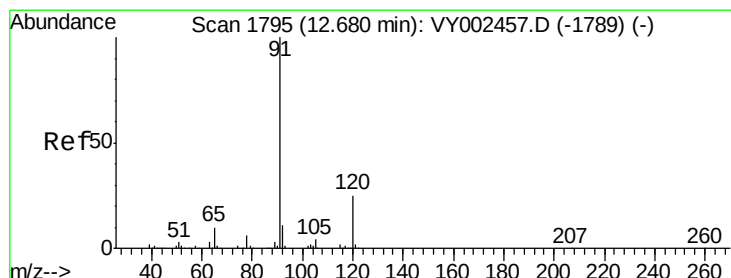
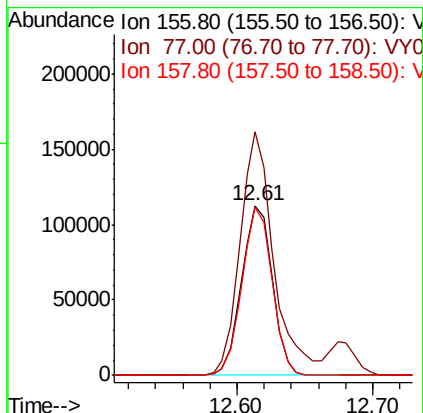
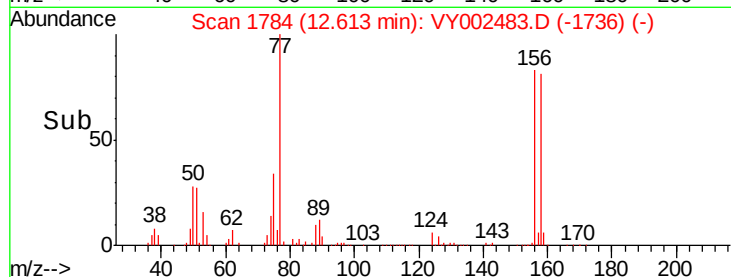
158 97.4 48.4 145.3



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: 51.293 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VY002483.D

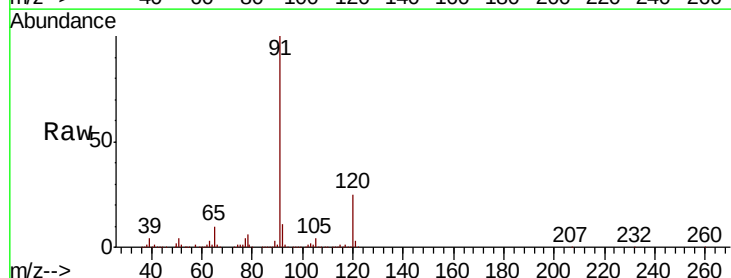
Acq: 24 Apr 2020 16:00

Tgt Ion: 91 Resp: 823036

Ion Ratio Lower Upper

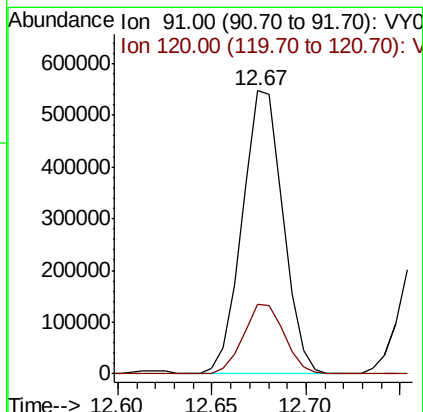
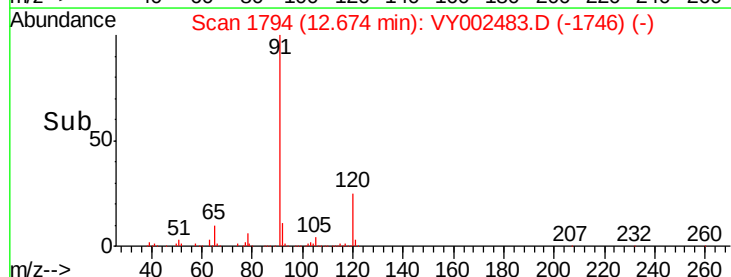
91 100

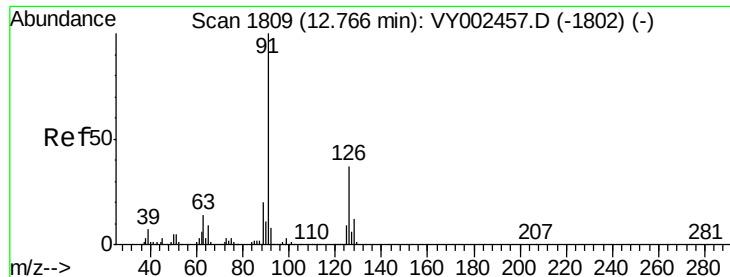
120 24.7 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.345 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. -0.01 min

Lab File: VY002483.D

Acq: 24 Apr 2020 16:00

Instrument :

MSVOA_Y

ClientSampleId :

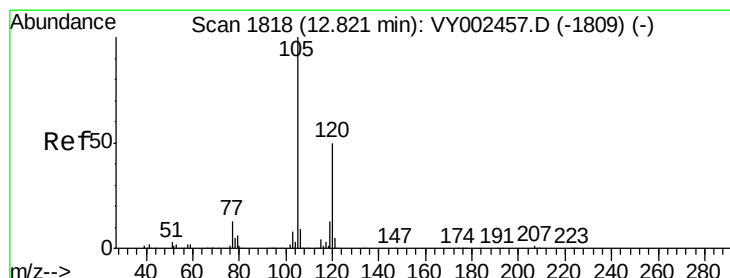
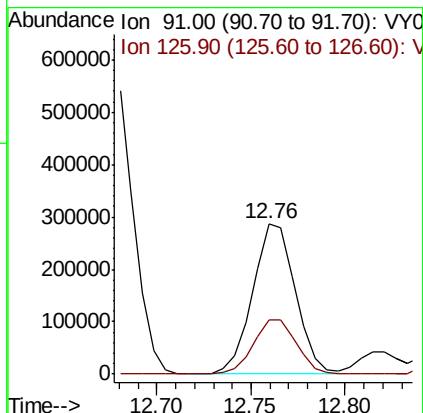
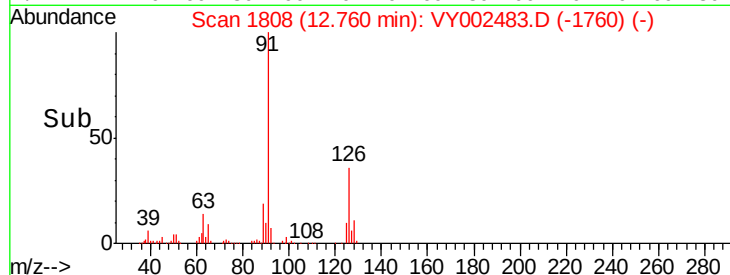
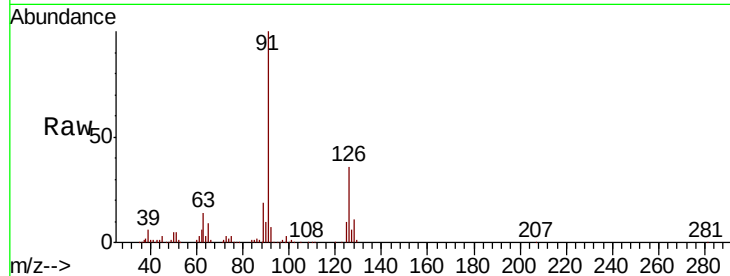
VSTDCCC050EC

Tot Ion: 91 Resp: 450826

Ion Ratio Lower Upper

91 100

126 36.7 18.5 55.5



#80

1,3,5-Trimethylbenzene

Concen: 51.449 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VY002483.D

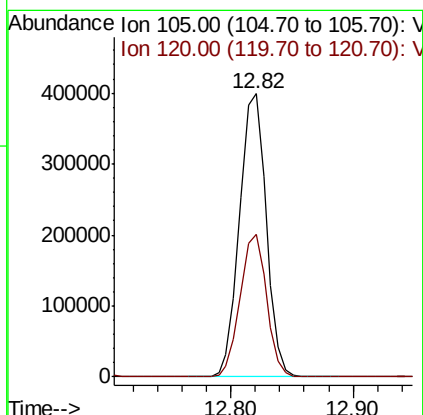
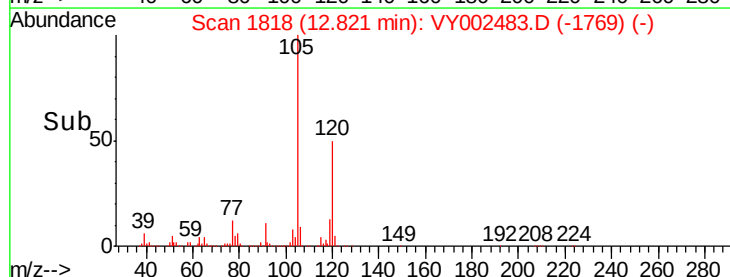
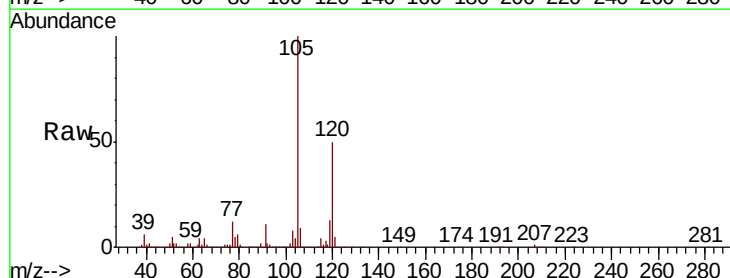
Acq: 24 Apr 2020 16:00

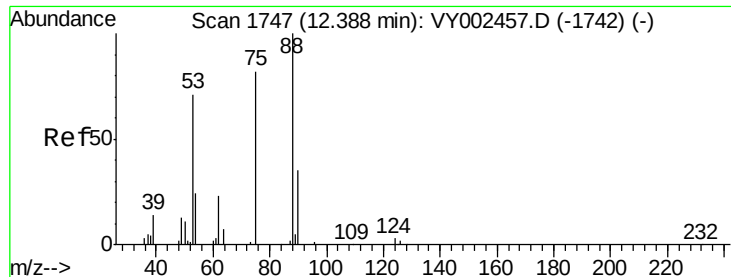
Tgt Ion: 105 Resp: 603464

Ion Ratio Lower Upper

105 100

120 50.0 24.9 74.6

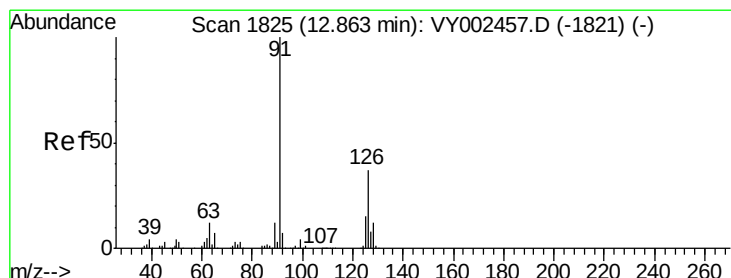
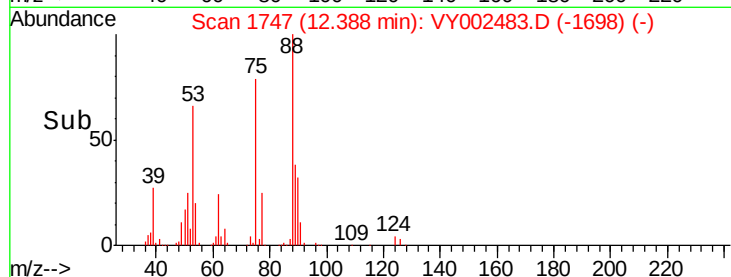
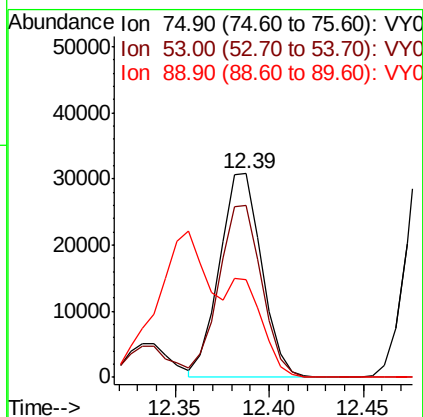
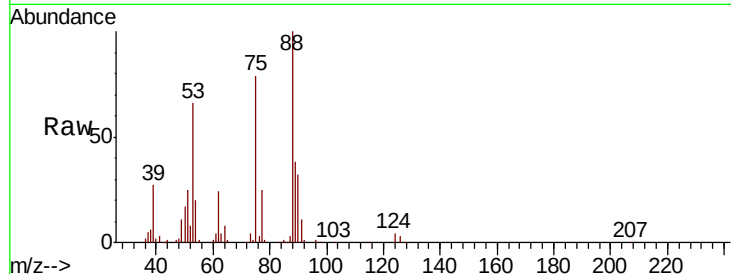




#81
trans-1,4-Dichloro-2-butene
Concen: 50.671 ug/l
RT: 12.39 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VY002483.D
Acq: 24 Apr 2020 16:00

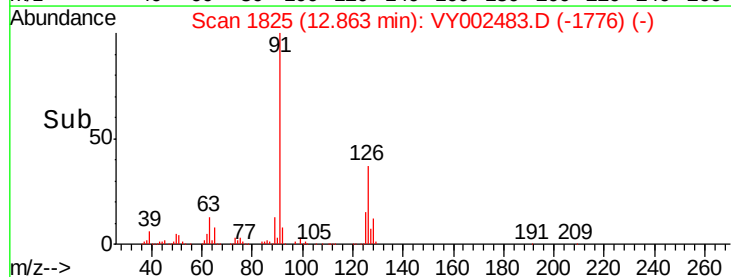
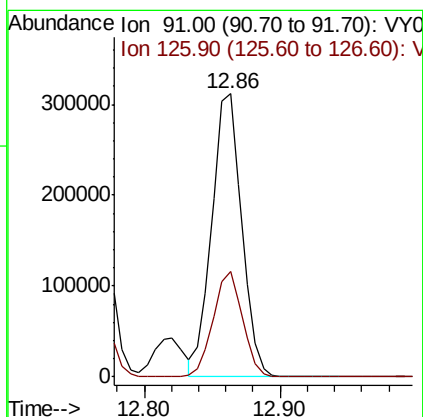
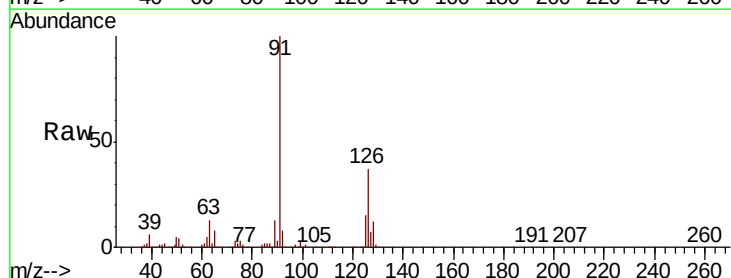
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

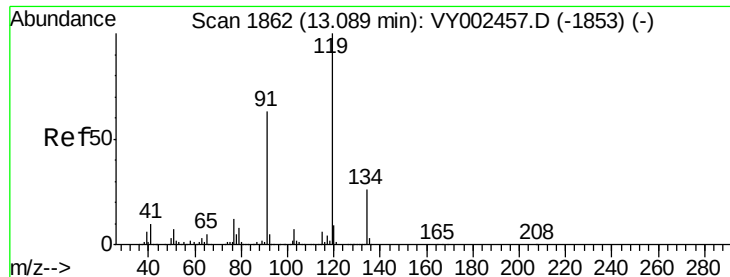
Tot Ion: 75 Resp: 47975
Ion Ratio Lower Upper
75 100
53 85.5 70.0 105.0
89 0.0 34.9 52.3#



#82
4-Chlorotoluene
Concen: 52.304 ug/l
RT: 12.86 min Scan# 1825
Delta R.T. 0.00 min
Lab File: VY002483.D
Acq: 24 Apr 2020 16:00

Tgt Ion: 91 Resp: 474642
Ion Ratio Lower Upper
91 100
126 36.6 18.5 55.5

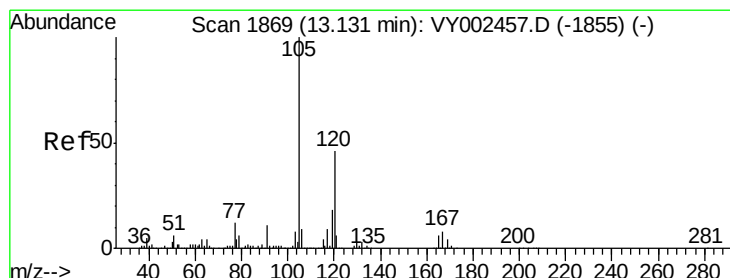
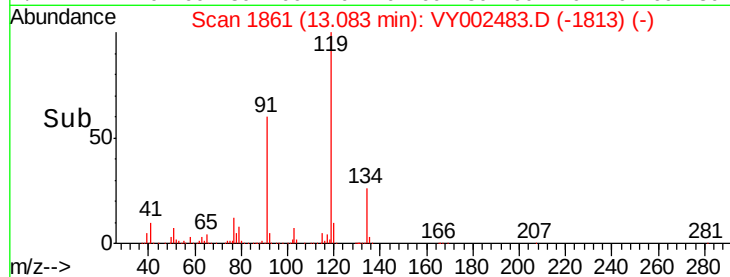
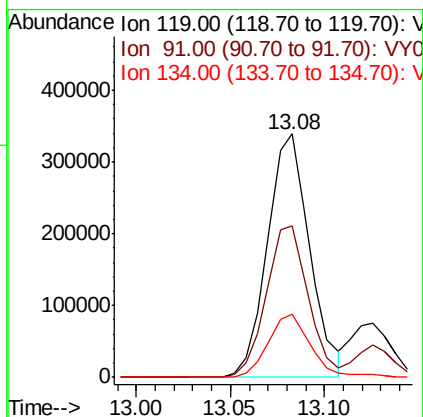
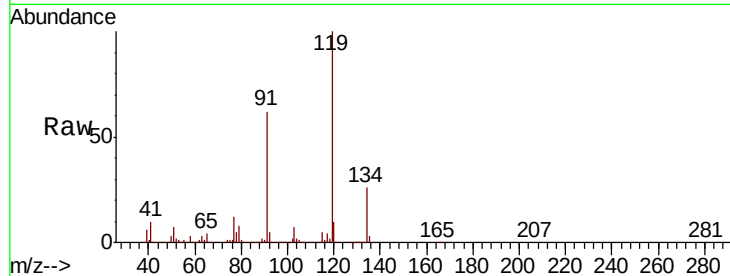




#83
 tert-Butylbenzene
 Concen: 51.610 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. -0.01 min
 Lab File: VY002483.D
 Acq: 24 Apr 2020 16:00

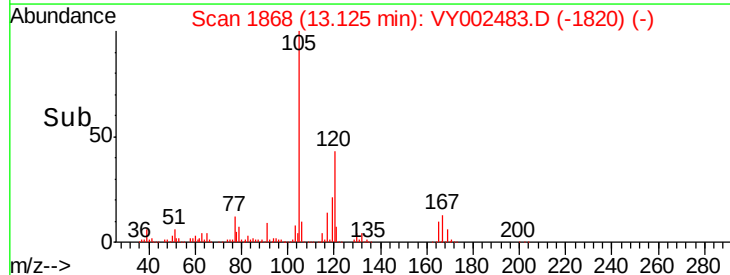
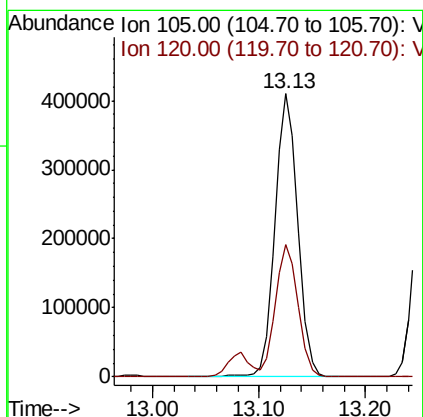
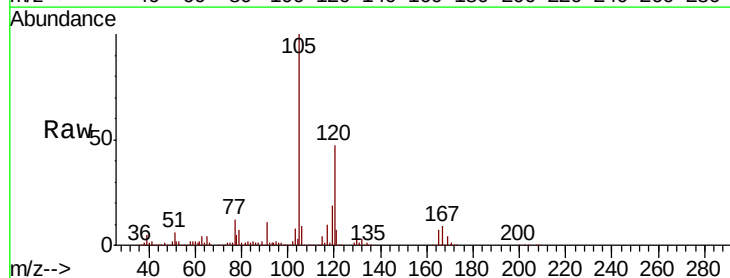
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

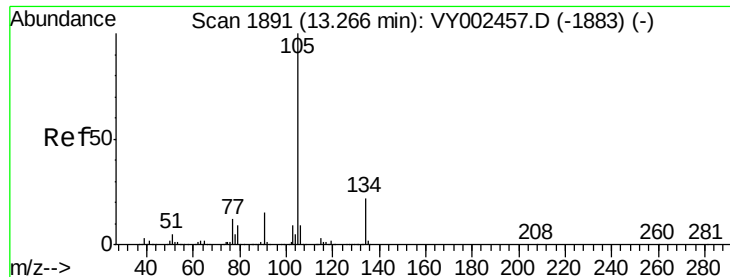
Tot Ion:119 Resp: 525678
 Ion Ratio Lower Upper
 119 100
 91 62.0 30.8 92.3
 134 26.4 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 54.064 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. -0.01 min
 Lab File: VY002483.D
 Acq: 24 Apr 2020 16:00

Tgt Ion:105 Resp: 608400
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.1 69.2





#85

sec-Butylbenzene

Concen: 53.441 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.01 min

Lab File: VY002483.D

Acq: 24 Apr 2020 16:00

Instrument :

MSVOA_Y

ClientSampleId :

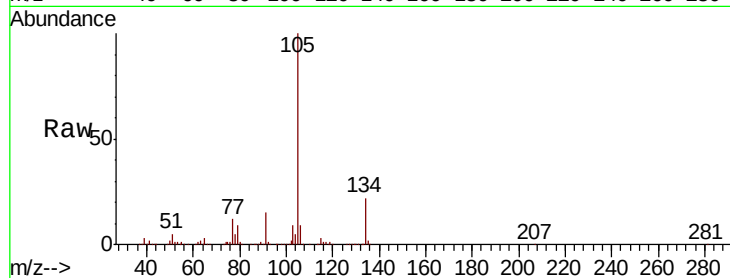
VSTDCCC050EC

Tot Ion:105 Resp: 728865

Ion Ratio Lower Upper

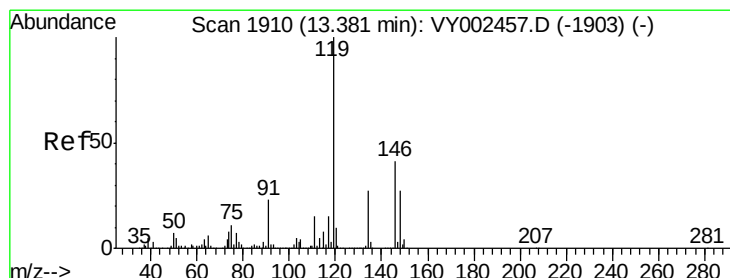
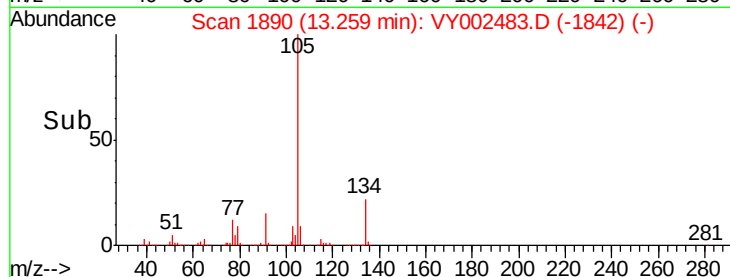
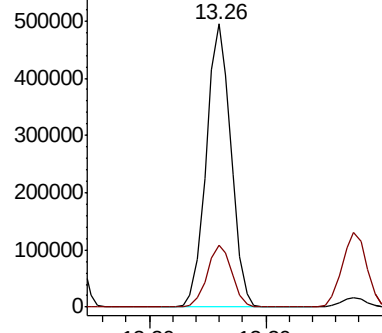
105 100

134 21.8 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.692 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.01 min

Lab File: VY002483.D

Acq: 24 Apr 2020 16:00

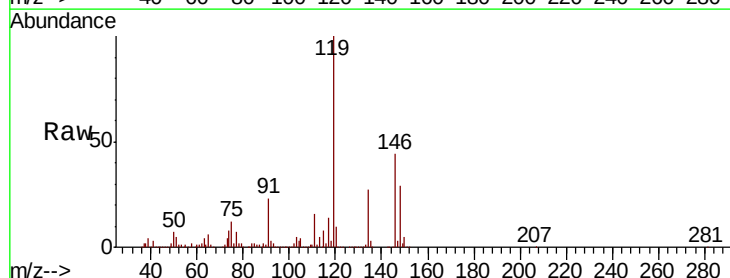
Tgt Ion:119 Resp: 698343

Ion Ratio Lower Upper

119 100

134 27.2 13.5 40.5

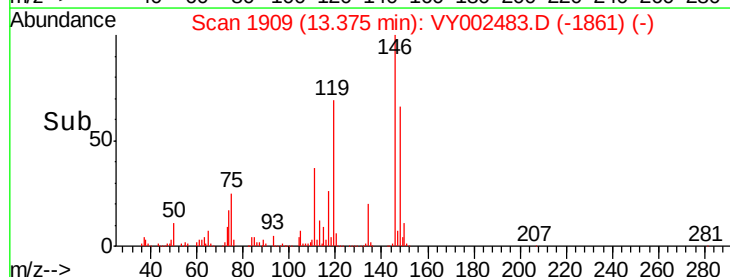
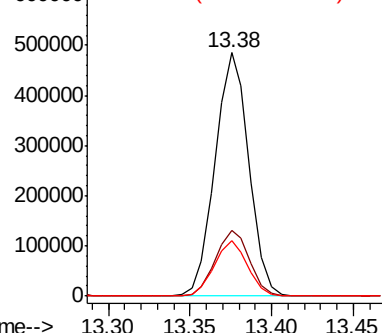
91 22.5 11.5 34.4

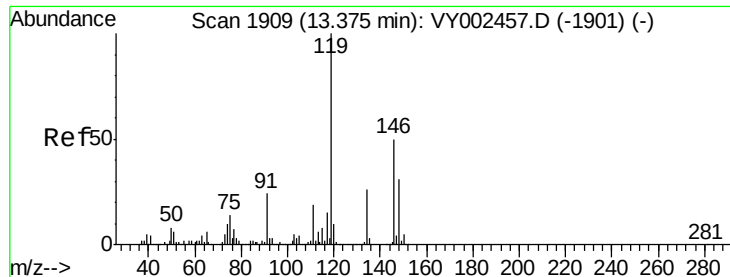


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

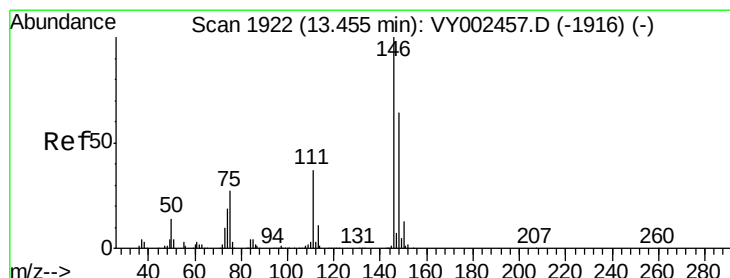
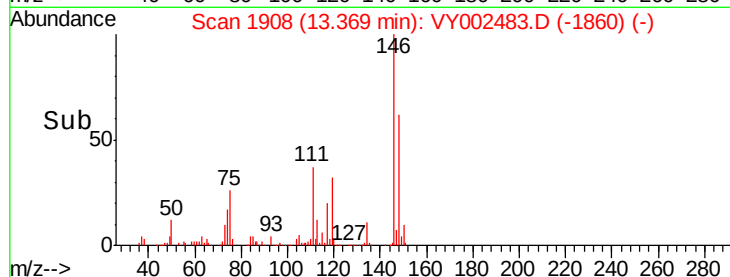
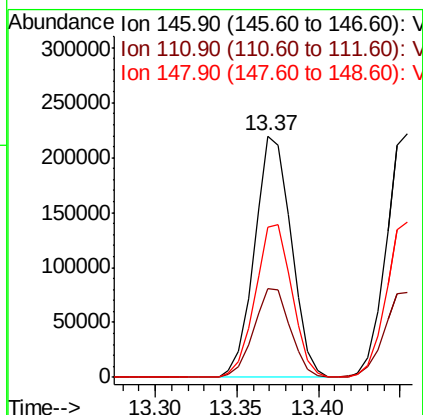
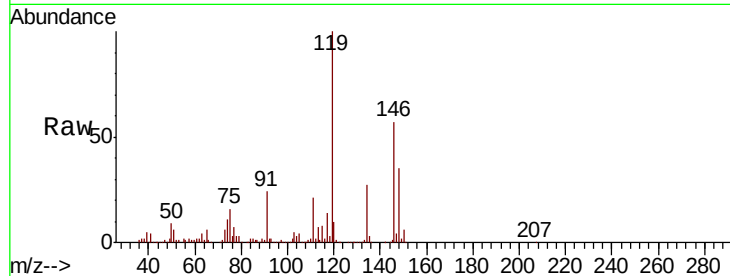




#87
 1,3-Dichlorobenzene
 Concen: 53.554 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY002483.D
 Acq: 24 Apr 2020 16:00

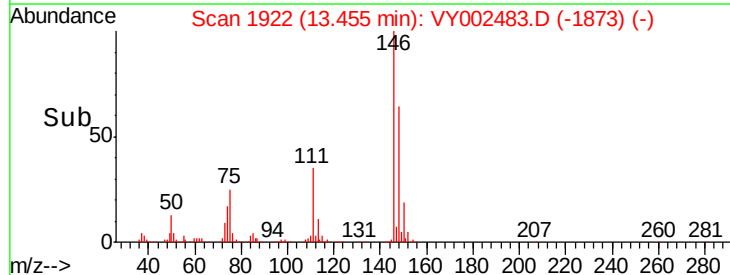
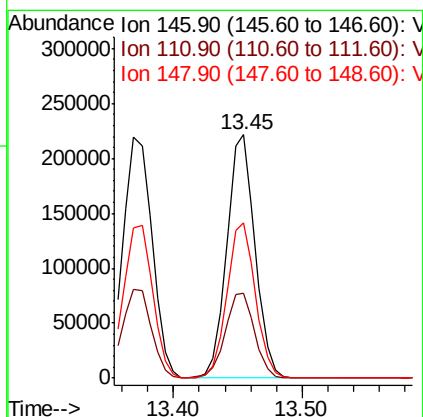
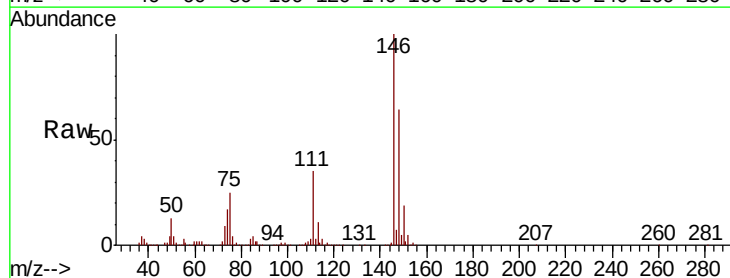
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

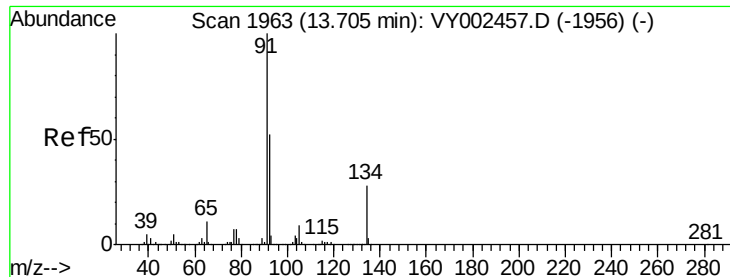
Tot Ion:146 Resp: 343314
 Ion Ratio Lower Upper
 146 100
 111 36.7 18.8 56.3
 148 63.5 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 53.152 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VY002483.D
 Acq: 24 Apr 2020 16:00

Tgt Ion:146 Resp: 338814
 Ion Ratio Lower Upper
 146 100
 111 36.3 18.1 54.1
 148 64.4 32.1 96.5





#89

n-Butylbenzene

Concen: 51.806 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VY002483.D

Acq: 24 Apr 2020 16:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

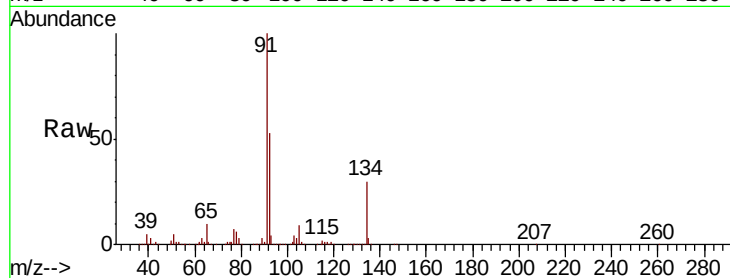
Tot Ion: 91 Resp: 621603

Ion Ratio Lower Upper

91 100

92 53.4 26.5 79.4

134 29.3 14.3 42.9

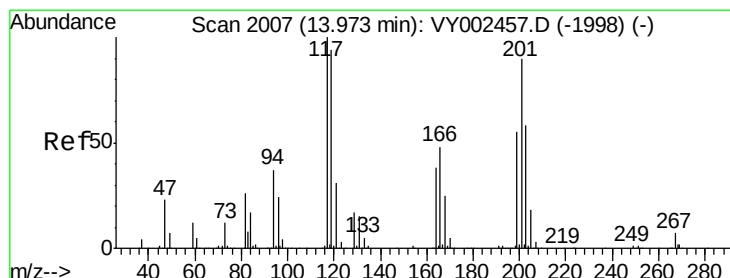
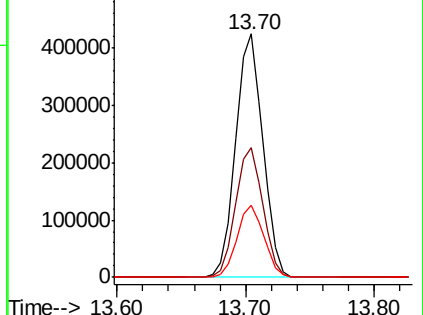
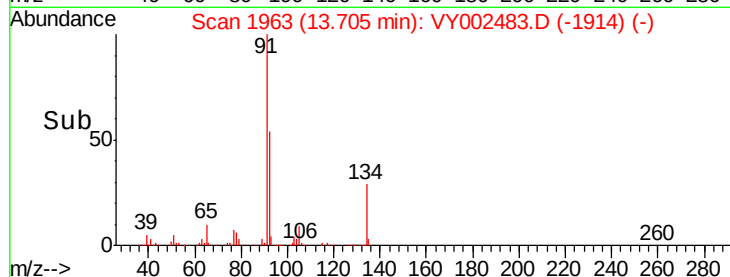


Abundance Ion 91.00 (90.70 to 91.70): VY002457.D (-1956) (-)

Ion 92.00 (91.70 to 92.70): VY002457.D (-1956) (-)

Ion 134.00 (133.70 to 134.70): VY002457.D (-1956) (-)

Time--> 13.60 13.70 13.80



#90

Hexachloroethane

Concen: 51.649 ug/l

RT: 13.97 min Scan# 2006

Delta R.T. -0.01 min

Lab File: VY002483.D

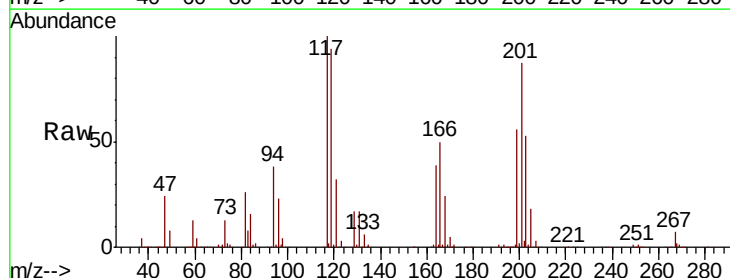
Acq: 24 Apr 2020 16:00

Tgt Ion: 117 Resp: 121422

Ion Ratio Lower Upper

117 100

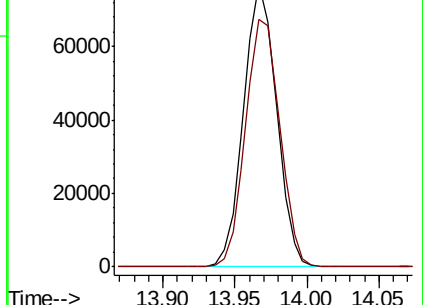
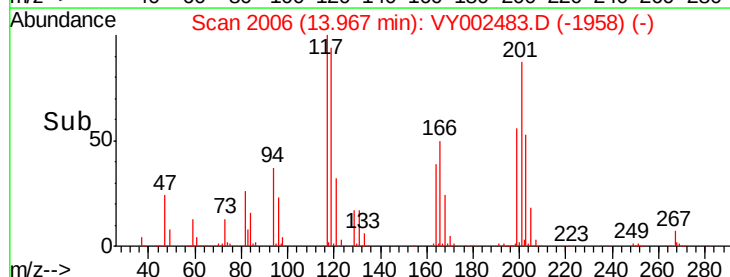
201 91.6 44.4 133.1

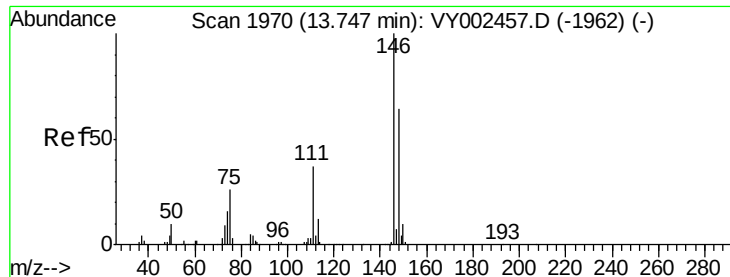


Abundance Ion 116.80 (116.50 to 117.50): VY002457.D (-1998) (-)

Ion 200.70 (200.40 to 201.40): VY002457.D (-1998) (-)

Time--> 13.90 13.95 14.00 14.05

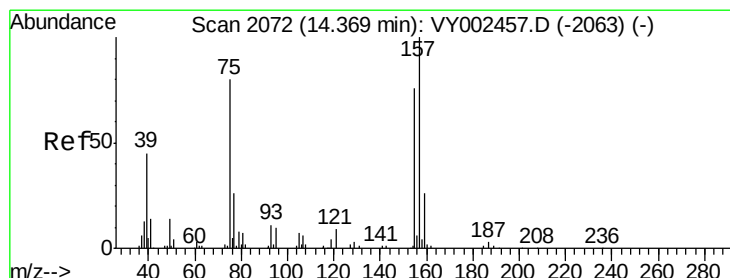
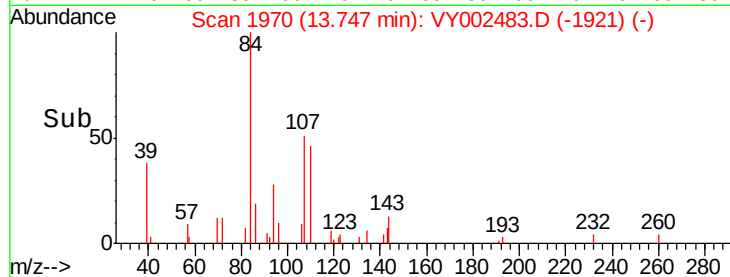
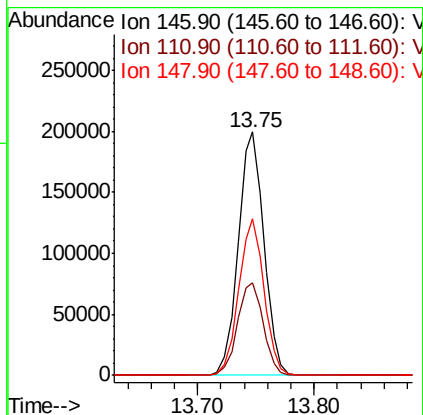
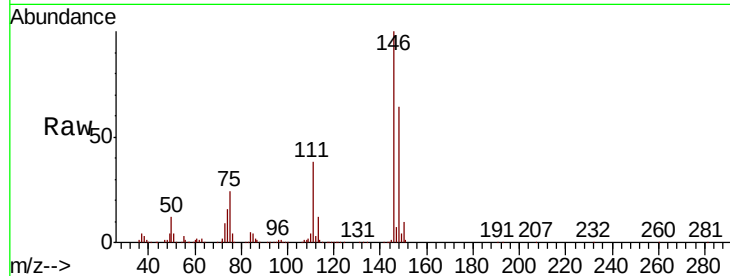




#91
 1,2-Dichlorobenzene
 Concen: 55.327 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VY002483.D
 Acq: 24 Apr 2020 16:00

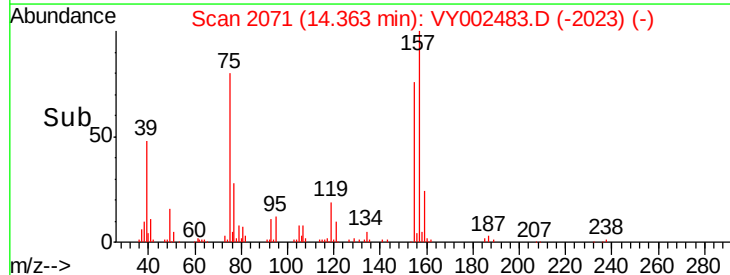
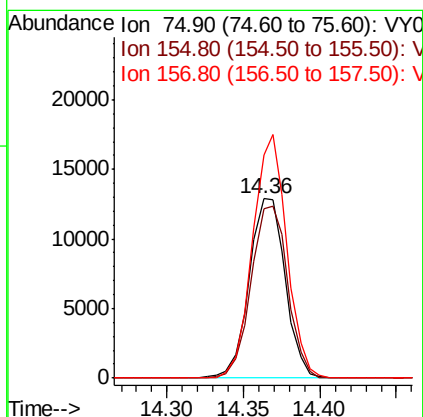
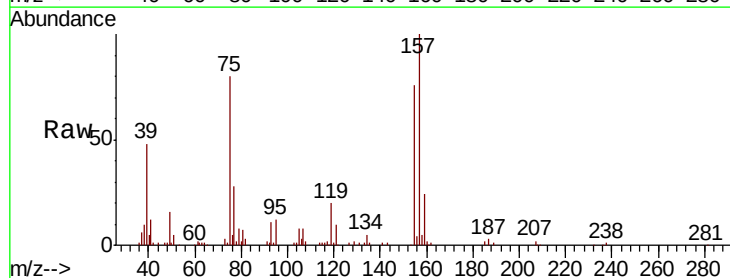
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

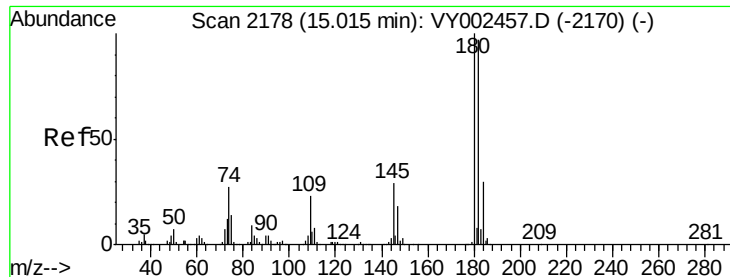
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.9	56.9
148	63.3	31.6	94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.057 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VY002483.D
 Acq: 24 Apr 2020 16:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.3	49.6	149.0
157	128.3	62.6	187.9

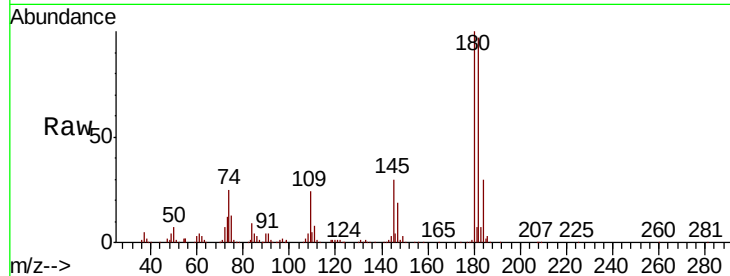




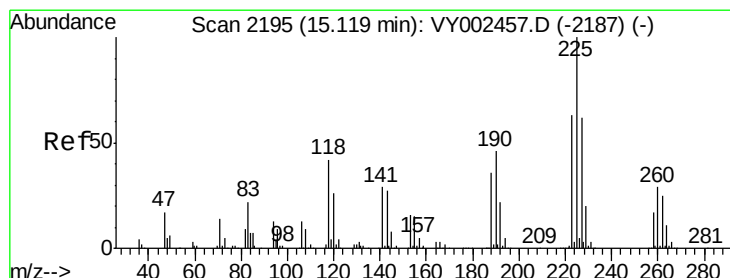
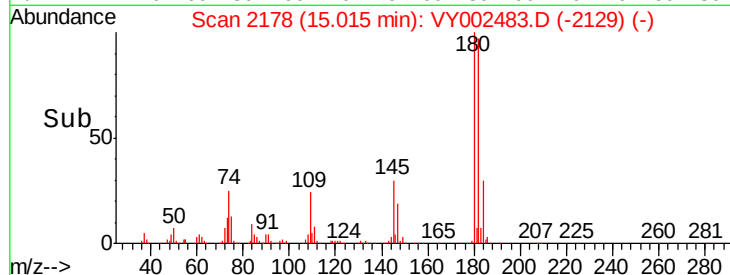
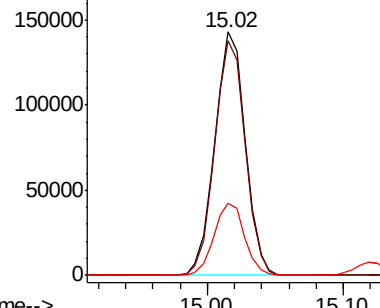
#93
 1,2,4-Trichlorobenzene
 Concen: 51.492 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.00 min
 Lab File: VY002483.D
 Acq: 24 Apr 2020 16:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.9	143.7
145	29.5	14.2	42.6

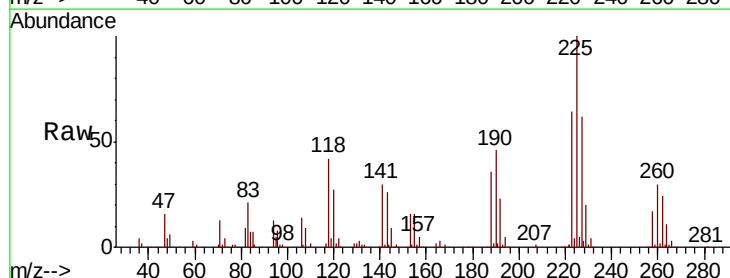


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

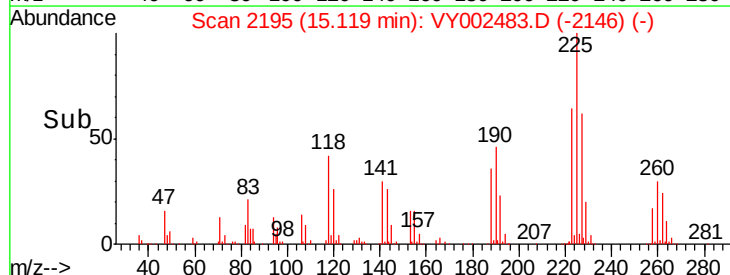
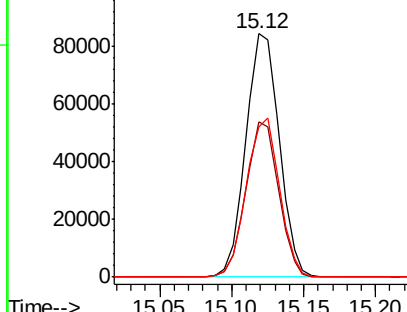


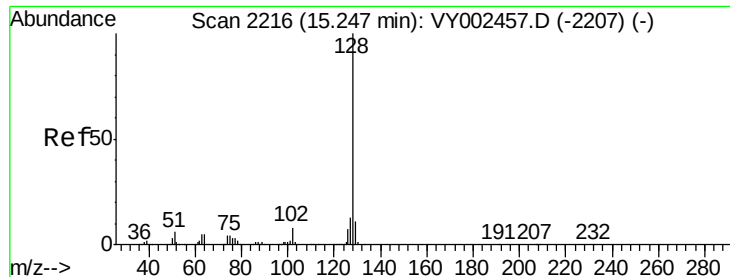
#94
 Hexachlorobutadiene
 Concen: 51.546 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.00 min
 Lab File: VY002483.D
 Acq: 24 Apr 2020 16:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	31.1	93.3
227	64.6	31.5	94.5



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

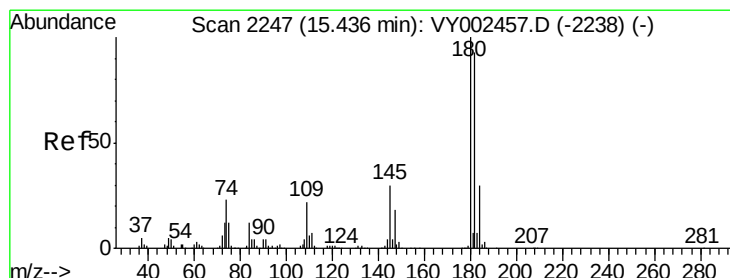
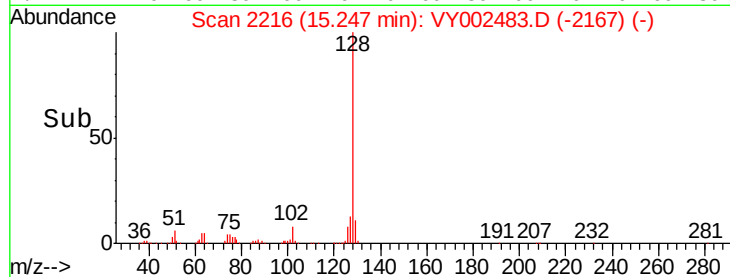
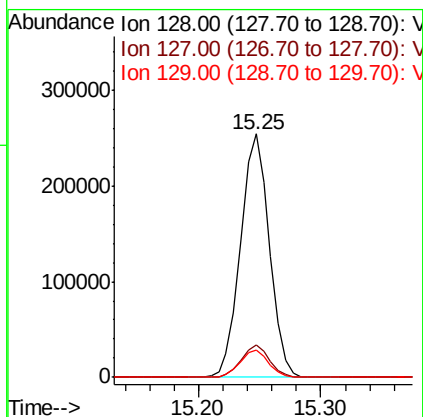
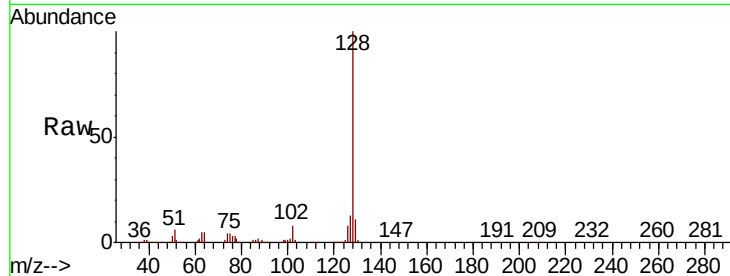




#95
Naphthalene
Concen: 51.249 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.00 min
Lab File: VY002483.D
Acq: 24 Apr 2020 16:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 414142
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 11.1 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 51.748 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.00 min
Lab File: VY002483.D
Acq: 24 Apr 2020 16:00

Tgt Ion:180 Resp: 191252
Ion Ratio Lower Upper
180 100
182 95.9 47.5 142.6
145 30.2 15.3 45.9

