

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110220\
 Data File : VY003479.D
 Acq On : 02 Nov 2020 17:42
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 03 01:55:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 02 12:40:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	240550	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	346883	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	321265	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	171475	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	125435	50.86	ug/l	0.00
Spiked Amount			Recovery	=	101.72%	
35) Dibromofluoromethane	7.73	113	107031	50.70	ug/l	0.00
Spiked Amount			Recovery	=	101.40%	
50) Toluene-d8	10.18	98	431570	49.15	ug/l	0.00
Spiked Amount			Recovery	=	98.30%	
62) 4-Bromofluorobenzene	12.48	95	147989	50.86	ug/l	0.00
Spiked Amount			Recovery	=	101.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	92671	48.691	ug/l	99
3) Chloromethane	2.12	50	124045	49.508	ug/l	99
4) Vinyl Chloride	2.26	62	139084	49.451	ug/l	100
5) Bromomethane	2.66	94	100855	42.920	ug/l	99
6) Chloroethane	2.80	64	83051	49.543	ug/l	99
7) Trichlorofluoromethane	3.13	101	174177	48.789	ug/l	98
8) Diethyl Ether	3.54	74	58762	53.675	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.91	101	98448	49.894	ug/l	99
10) Methyl Iodide	4.10	142	99767	49.330	ug/l	99
11) Tert butyl alcohol	4.97	59	60952	248.673	ug/l	100
12) 1,1-Dichloroethene	3.88	96	96067	48.934	ug/l	96
13) Acrolein	3.74	56	44339	216.649	ug/l	99
14) Allyl chloride	4.49	41	181655	50.718	ug/l	99
15) Acrylonitrile	5.18	53	148393	253.934	ug/l	100
16) Acetone	3.96	43	171038	210.244	ug/l	99
17) Carbon Disulfide	4.21	76	313453	49.286	ug/l	98
18) Methyl Acetate	4.49	43	79849	51.939	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	267579	55.030	ug/l	97
20) Methylene Chloride	4.73	84	112470	49.091	ug/l	98
21) trans-1,2-Dichloroethene	5.24	96	112911	49.670	ug/l	98
22) Diisopropyl ether	6.13	45	343615	54.697	ug/l	96
23) Vinyl Acetate	6.08	43	1270394	269.107	ug/l	100
24) 1,1-Dichloroethane	6.04	63	204482	51.223	ug/l	100
25) 2-Butanone	7.00	43	241869	237.715	ug/l	100
26) 2,2-Dichloropropane	7.00	77	181163	48.712	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	126869	51.505	ug/l	100
28) Bromochloromethane	7.35	49	105535	52.550	ug/l	98
29) Tetrahydrofuran	7.36	42	138002	259.565	ug/l	99
30) Chloroform	7.52	83	205205	52.336	ug/l	99
31) Cyclohexane	7.79	56	175779	47.556	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	186437	50.968	ug/l	100
36) 1,1-Dichloropropene	7.92	75	164060	50.163	ug/l	100
37) Ethyl Acetate	7.08	43	103502	50.964	ug/l	98
38) Carbon Tetrachloride	7.91	117	167384	49.333	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	183305	50.335	ug/l	98
40) Benzene	8.17	78	460585	50.604	ug/l	100
41) Methacrylonitrile	7.35	41	134905	124.393	ug/l #	100
42) 1,2-Dichloroethane	8.25	62	147573	51.746	ug/l	100
43) Isopropyl Acetate	8.28	43	191856	52.565	ug/l	100
44) Trichloroethene	8.94	130	127595	49.937	ug/l	100
45) 1,2-Dichloropropane	9.22	63	120378	52.373	ug/l	99
46) Dibromomethane	9.31	93	65431	51.743	ug/l	98
47) Bromodichloromethane	9.50	83	164457	53.135	ug/l	99
48) Methyl methacrylate	9.30	41	91842	53.418	ug/l	98
49) 1,4-Dioxane	9.30	88	16883	1070.012	ug/l	99
51) 4-Methyl-2-Pentanone	10.07	43	510420	262.476	ug/l	98
52) Toluene	10.25	92	291820	51.262	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	176174	53.487	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	197534	53.295	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	93995	52.363	ug/l	98
56) Ethyl methacrylate	10.51	69	131588	54.728	ug/l	98
57) 1,3-Dichloropropane	10.79	76	164981	52.856	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	316976	260.055	ug/l	99
59) 2-Hexanone	10.83	43	362637	251.863	ug/l	100
60) Dibromochloromethane	10.99	129	118544	53.731	ug/l	100
61) 1,2-Dibromoethane	11.09	107	89958	51.909	ug/l	99
64) Tetrachloroethene	10.72	164	117333	48.904	ug/l	100
65) Chlorobenzene	11.52	112	313934	50.299	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	121652	51.683	ug/l	99
67) Ethyl Benzene	11.60	91	574332	50.748	ug/l	100
68) m/p-Xylenes	11.70	106	436898	101.870	ug/l	99
69) o-Xylene	12.03	106	205026	51.969	ug/l	99
70) Styrene	12.05	104	352952	52.691	ug/l	100
71) Bromoform	12.21	173	81383	51.872	ug/l #	99
73) Isopropylbenzene	12.33	105	559249	49.927	ug/l	100
74) N-amyl acetate	12.14	43	169589	53.450	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	119964	50.140	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	159102	87.692	ug/l #	100
77) Bromobenzene	12.61	156	142327	50.010	ug/l	99
78) n-propylbenzene	12.67	91	665503	50.440	ug/l	100
79) 2-Chlorotoluene	12.76	91	371647	50.417	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	478428	51.551	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	41479	47.717	ug/l	98
82) 4-Chlorotoluene	12.86	91	390094	50.640	ug/l	100
83) tert-Butylbenzene	13.08	119	420449	51.081	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	478342	51.570	ug/l	100
85) sec-Butylbenzene	13.25	105	567646	50.932	ug/l	100
86) p-Isopropyltoluene	13.37	119	527105	50.996	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	271096	51.134	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	266407	50.534	ug/l	100
89) n-Butylbenzene	13.70	91	488004	51.691	ug/l	100
90) Hexachloroethane	13.96	117	88792	51.043	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	242379	51.464	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	21596	49.862	ug/l	99

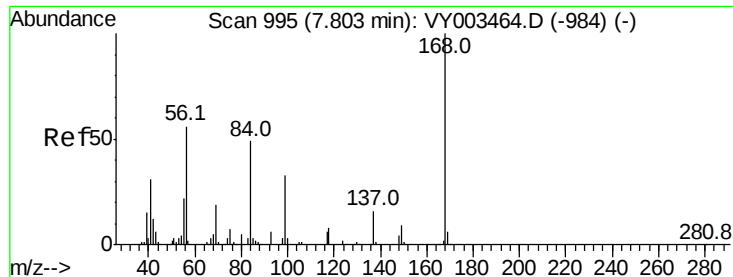
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	178436	53.562	ug/l	100
94) Hexachlorobutadiene	15.11	225	109620	51.151	ug/l	99
95) Naphthalene	15.23	128	356909	53.502	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	160801	53.660	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY003479.D

Acq: 02 Nov 2020 17:42

Instrument :

MSVOA_Y

ClientSampleId :

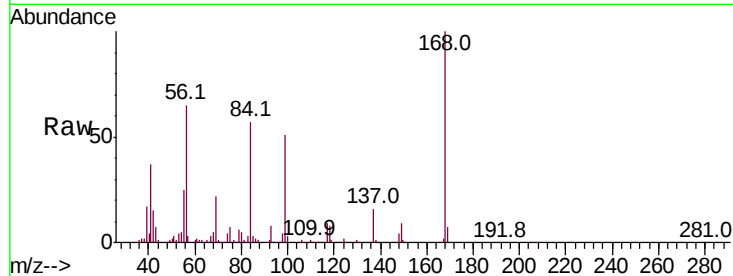
VSTDCCC050EC

Tot Ion:168 Resp: 240550

Ion Ratio Lower Upper

168 100

99 50.6 39.7 59.5



Abundance Ion 167.90 (167.60 to 168.60): VY003464.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY003479.D (-946) (-)

7.80

120000

100000

80000

60000

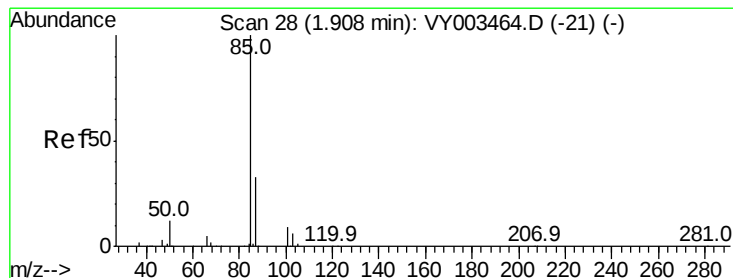
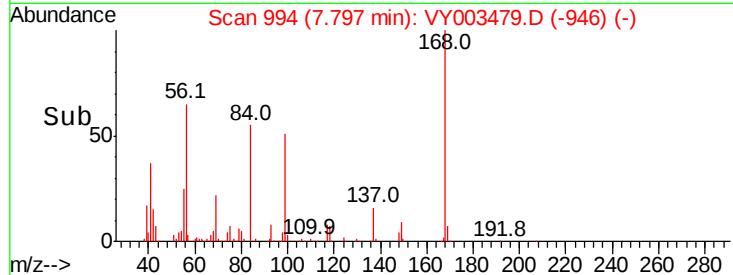
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 48.691 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.00 min

Lab File: VY003479.D

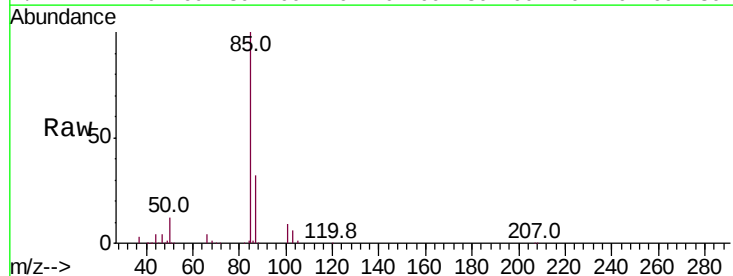
Acq: 02 Nov 2020 17:42

Tgt Ion: 85 Resp: 92671

Ion Ratio Lower Upper

85 100

87 32.3 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VY003464.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY003479.D (-1) (-)

1.91

60000

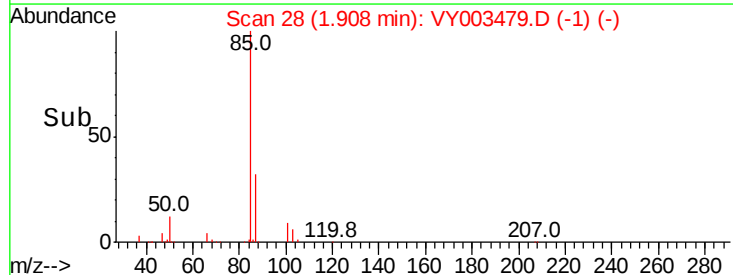
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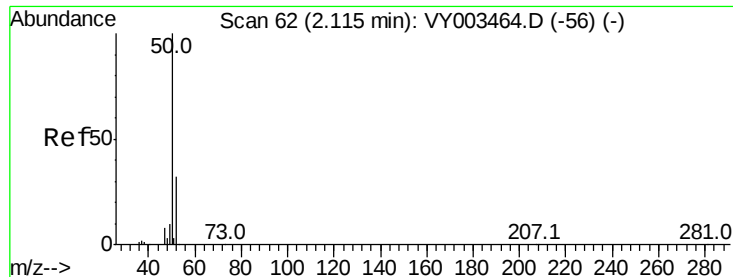
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 49.508 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003479.D

Acq: 02 Nov 2020 17:42

Instrument :

MSVOA_Y

ClientSampleId :

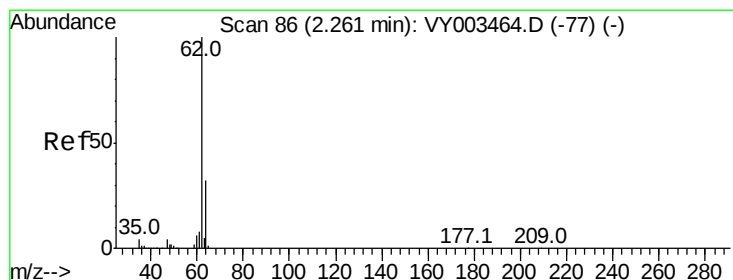
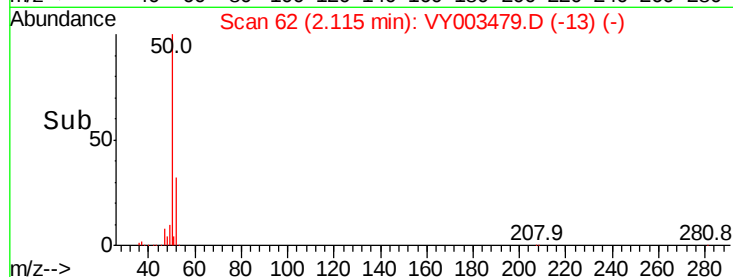
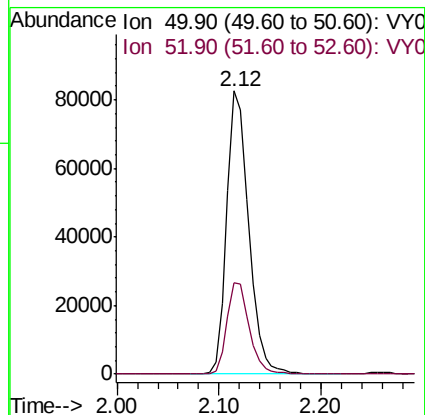
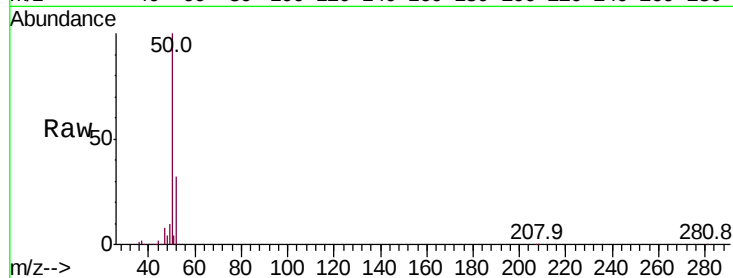
VSTDCCC050EC

Tot Ion: 50 Resp: 124045

Ion Ratio Lower Upper

50 100

52 32.3 25.6 38.4



#4

Vinyl Chloride

Concen: 49.451 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY003479.D

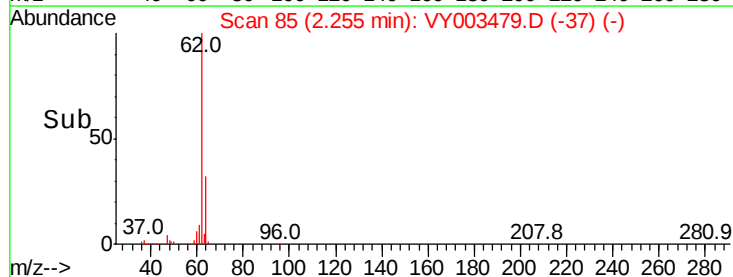
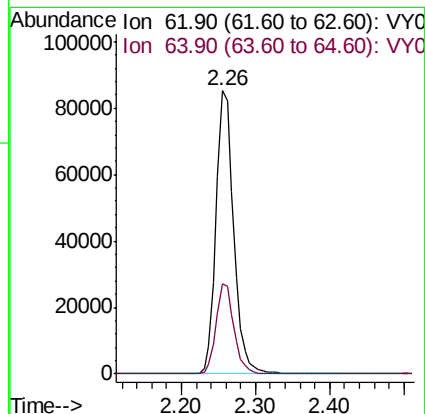
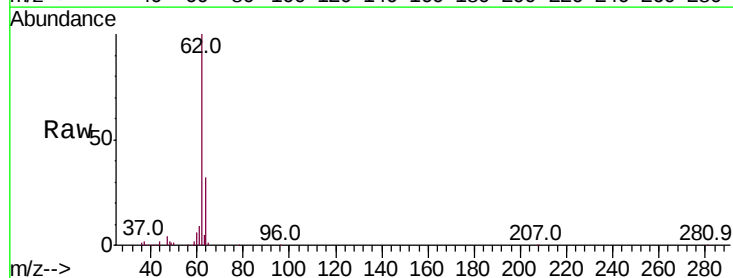
Acq: 02 Nov 2020 17:42

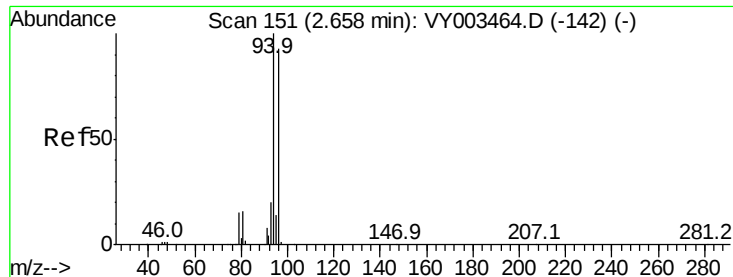
Tgt Ion: 62 Resp: 139084

Ion Ratio Lower Upper

62 100

64 32.0 25.5 38.3





#5

Bromomethane

Concen: 42.920 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.00 min

Lab File: VY003479.D

Acq: 02 Nov 2020 17:42

Instrument :

MSVOA_Y

ClientSampleId :

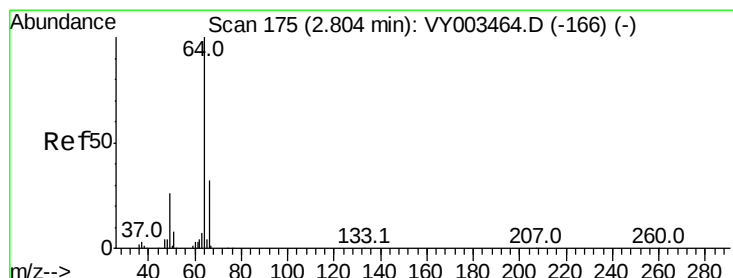
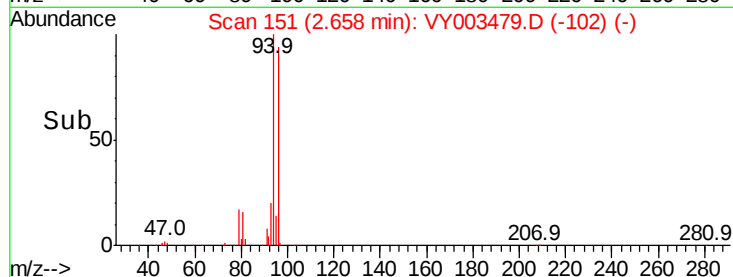
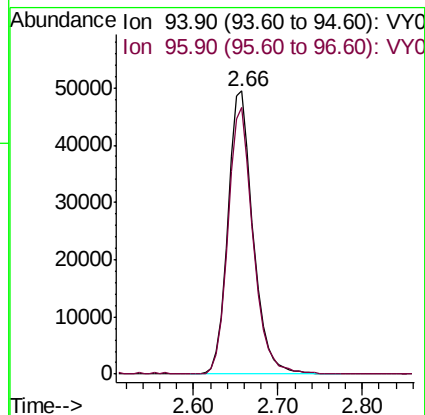
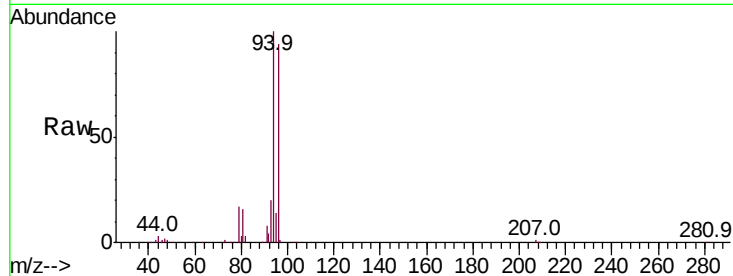
VSTDCCC050EC

Tot Ion: 94 Resp: 100855

Ion Ratio Lower Upper

94 100

96 93.9 74.6 112.0



#6

Chloroethane

Concen: 49.543 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY003479.D

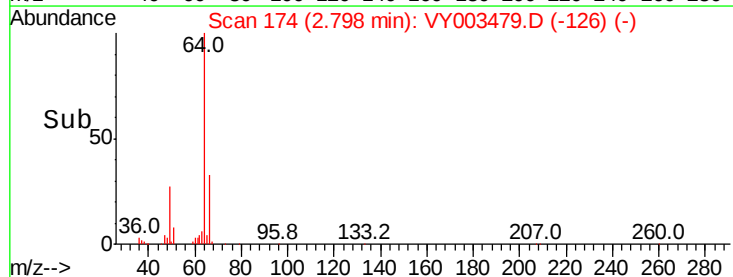
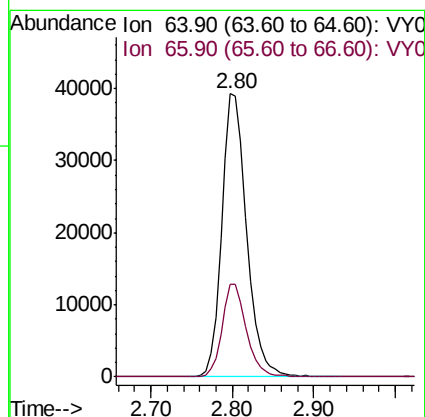
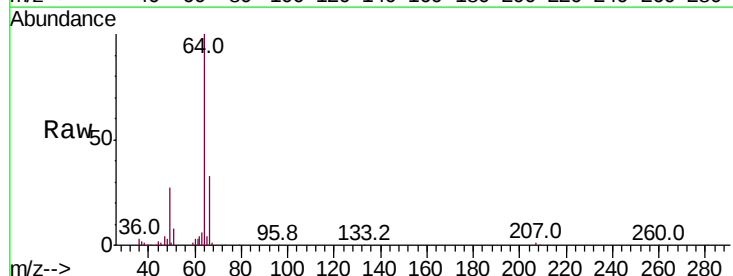
Acq: 02 Nov 2020 17:42

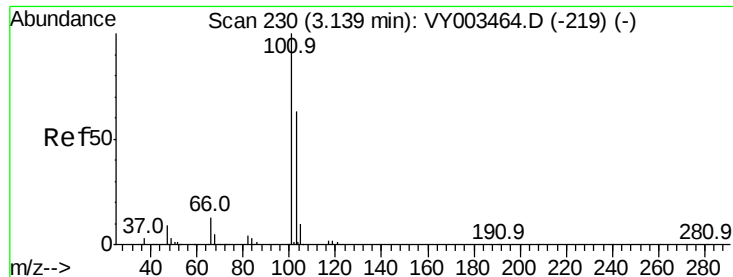
Tgt Ion: 64 Resp: 83051

Ion Ratio Lower Upper

64 100

66 32.8 25.6 38.4



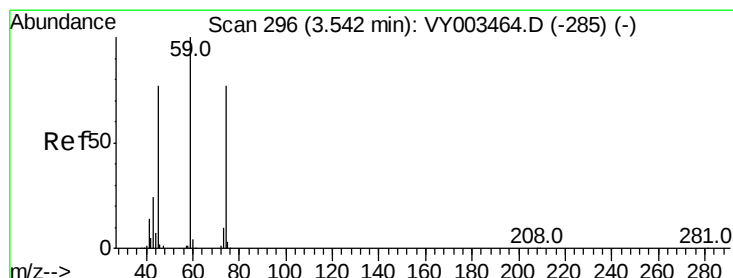
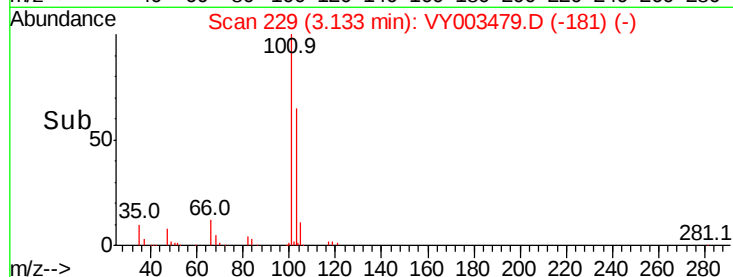
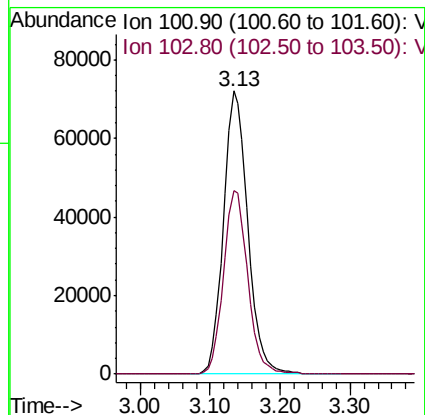
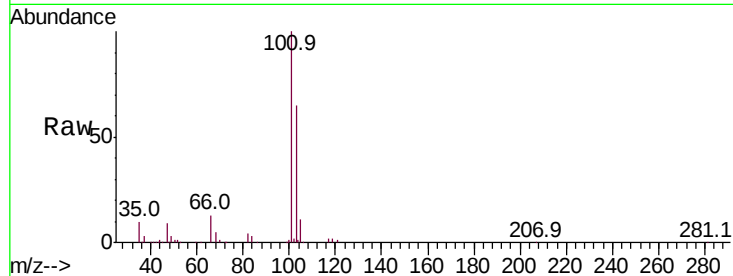


#7

Trichlorofluoromethane
Concen: 48.789 ug/l
RT: 3.13 min Scan# 229
Delta R.T. -0.01 min
Lab File: VY003479.D
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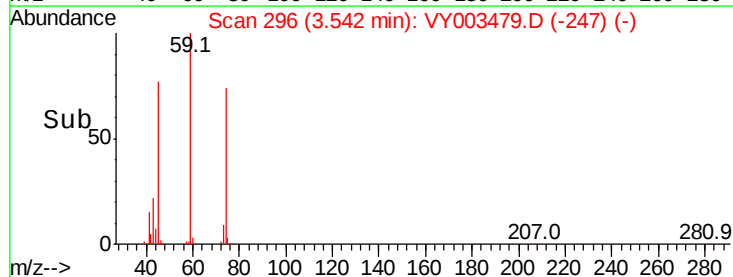
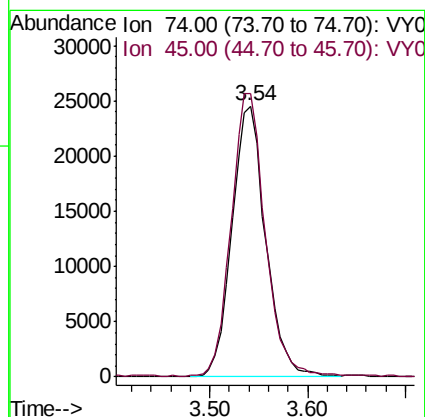
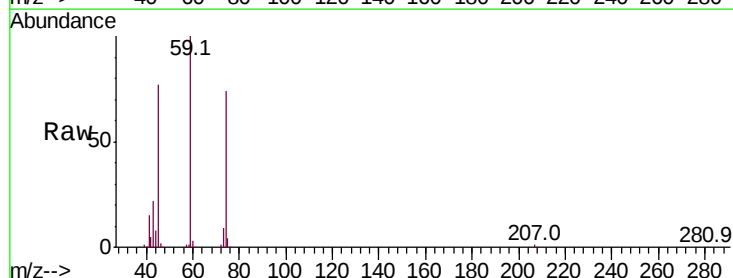
Tot Ion:101 Resp: 174177
Ion Ratio Lower Upper
101 100
103 64.9 50.7 76.1

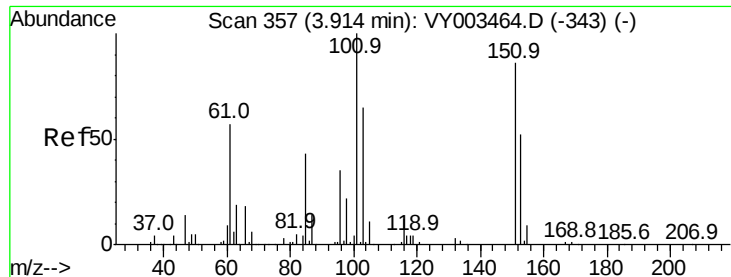


#8

Diethyl Ether
Concen: 53.675 ug/l
RT: 3.54 min Scan# 296
Delta R.T. -0.00 min
Lab File: VY003479.D
Acq: 02 Nov 2020 17:42

Tgt Ion: 74 Resp: 58762
Ion Ratio Lower Upper
74 100
45 105.1 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.894 ug/l

RT: 3.91 min Scan# 357

Delta R.T. -0.00 min

Lab File: VY003479.D

Acq: 02 Nov 2020 17:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

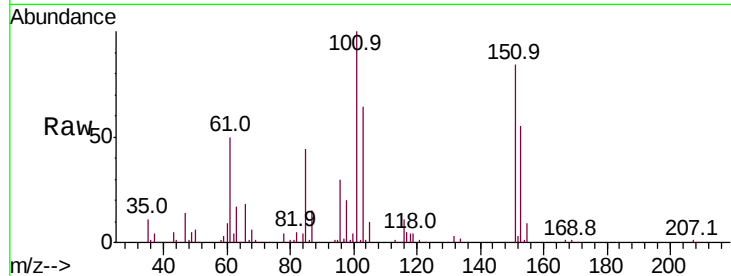
Tot Ion:101 Resp: 98448

Ion Ratio Lower Upper

101 100

85 45.2 35.8 53.8

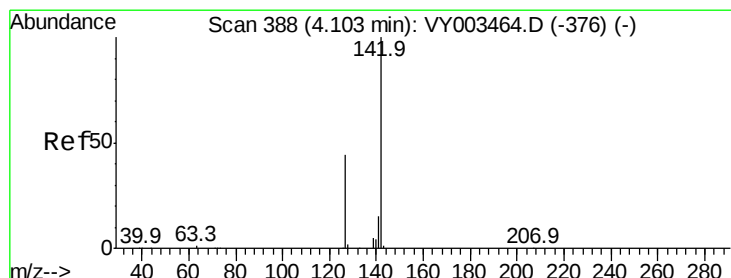
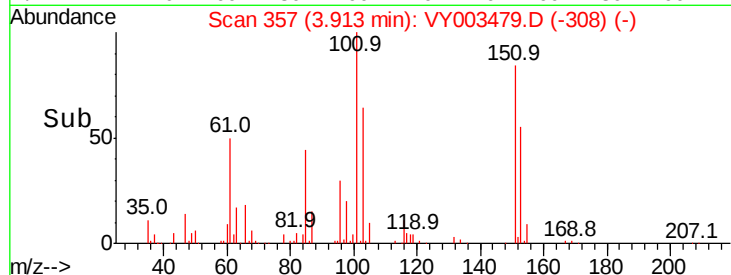
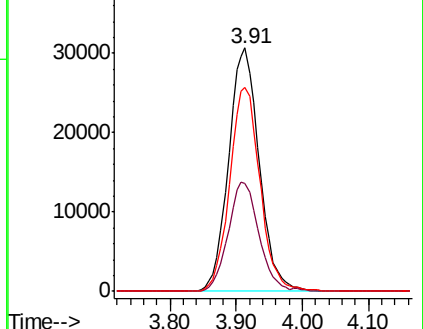
151 82.8 67.6 101.4



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: 49.330 ug/l

RT: 4.10 min Scan# 388

Delta R.T. 0.00 min

Lab File: VY003479.D

Acq: 02 Nov 2020 17:42

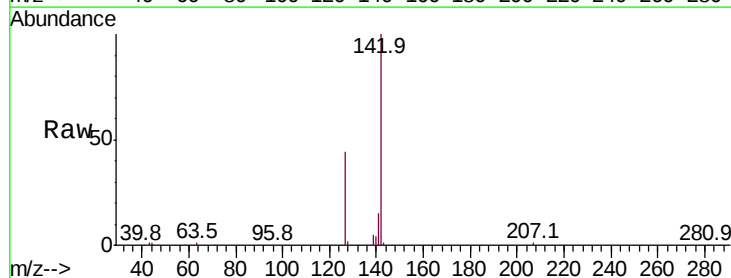
Tgt Ion:142 Resp: 99767

Ion Ratio Lower Upper

142 100

127 43.5 34.5 51.7

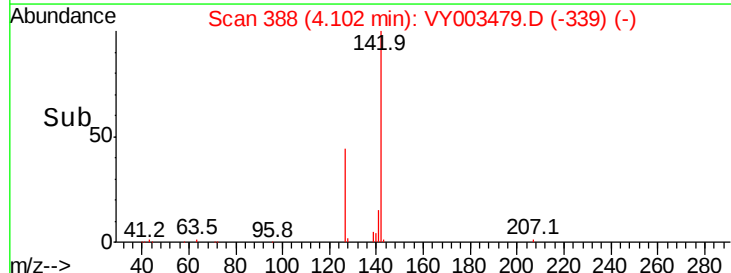
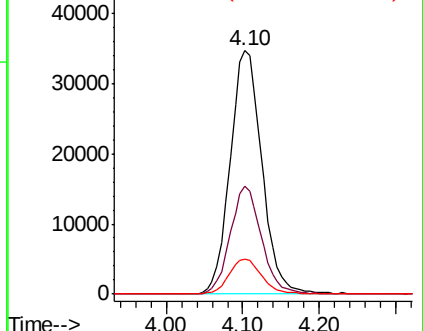
141 14.7 11.8 17.8

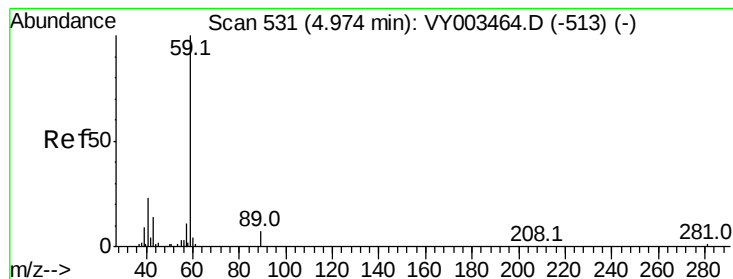


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



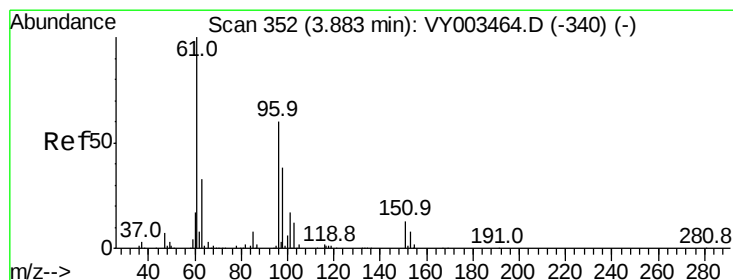
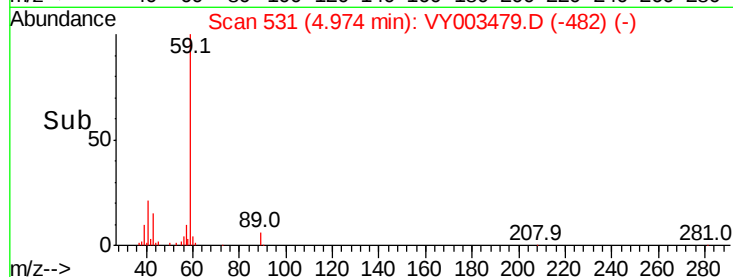
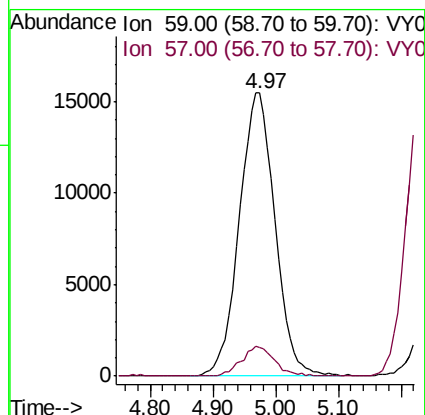
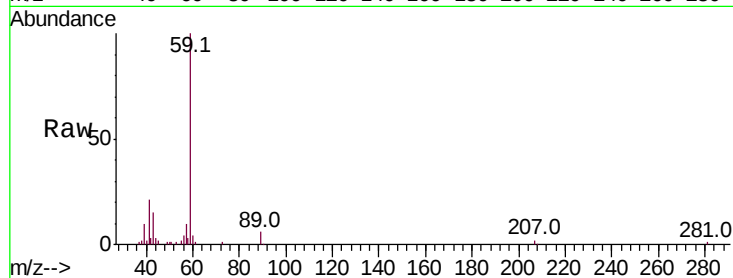


#11

Tert butyl alcohol
Concen: 248.673 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.00 min
Lab File: VY003479.D
Acq: 02 Nov 2020 17:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

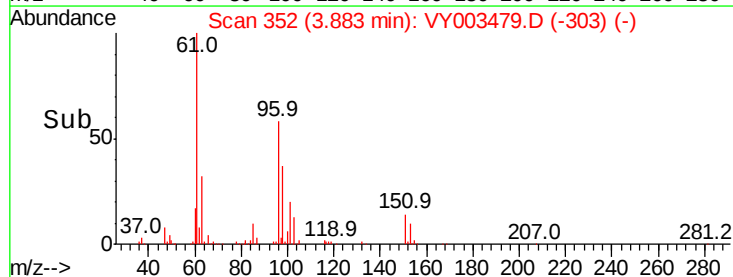
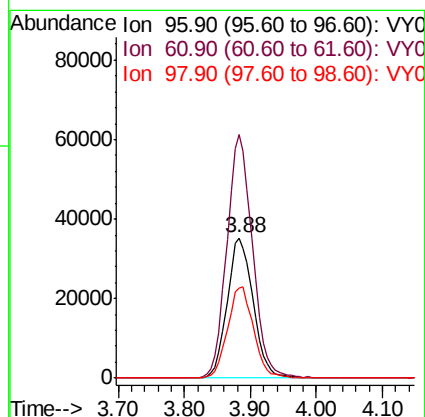
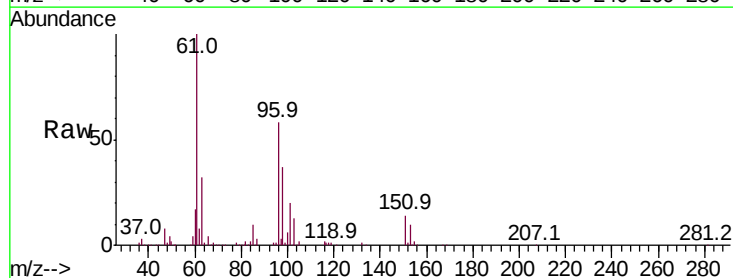
Tot Ion: 59 Resp: 60952
Ion Ratio Lower Upper
59 100
57 9.8 7.9 11.9

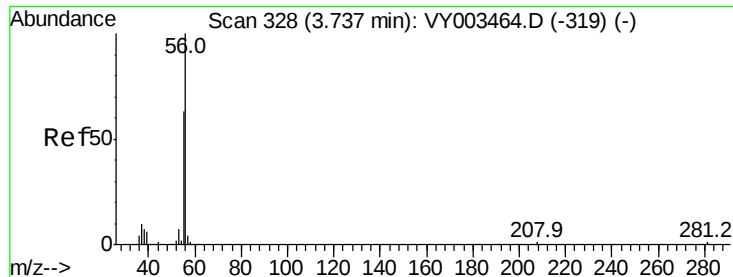


#12

1,1-Dichloroethene
Concen: 48.934 ug/l
RT: 3.88 min Scan# 352
Delta R.T. -0.00 min
Lab File: VY003479.D
Acq: 02 Nov 2020 17:42

Tgt Ion: 96 Resp: 96067
Ion Ratio Lower Upper
96 100
61 173.6 133.6 200.4
98 64.5 50.2 75.2





#13

Acrolein

Concen: 216.649 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY003479.D

Acq: 02 Nov 2020 17:42

Instrument :

MSVOA_Y

ClientSampleId :

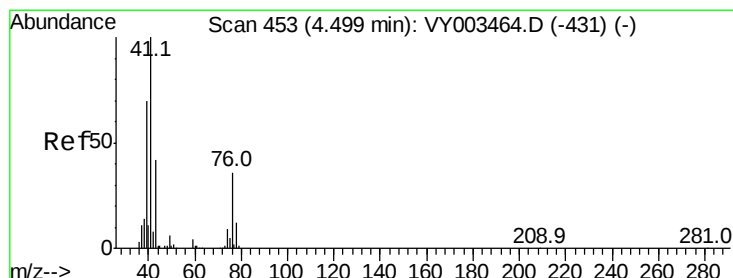
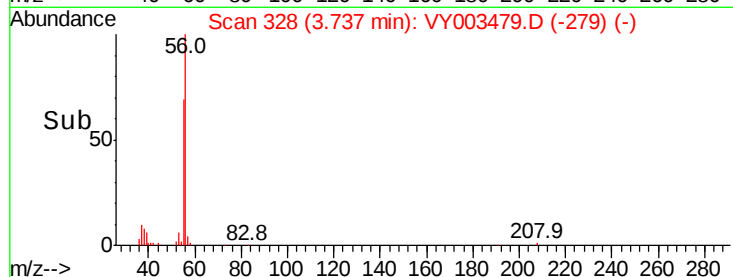
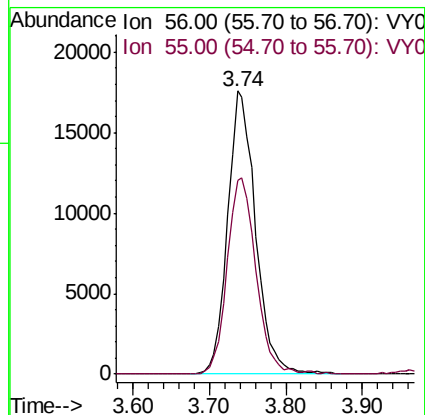
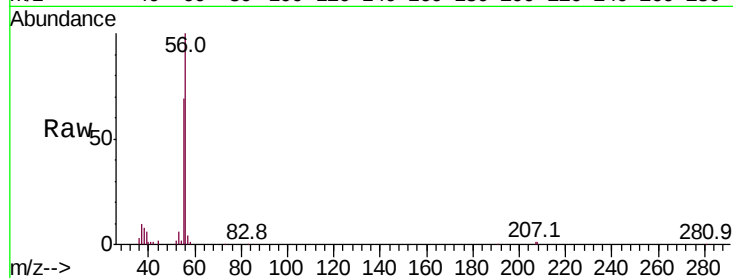
VSTDCCC050EC

Tot Ion: 56 Resp: 44339

Ion Ratio Lower Upper

56 100

55 71.2 56.6 85.0



#14

Allyl chloride

Concen: 50.718 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.01 min

Lab File: VY003479.D

Acq: 02 Nov 2020 17:42

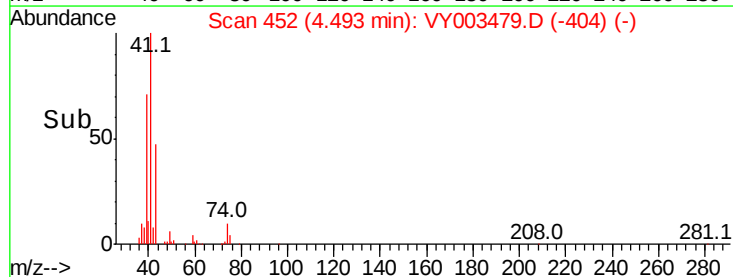
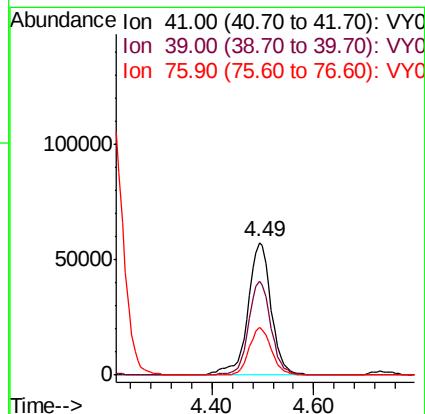
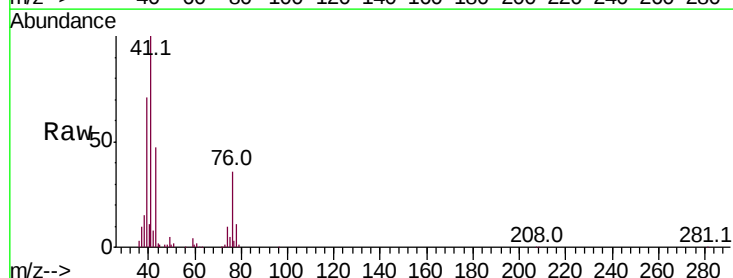
Tgt Ion: 41 Resp: 181655

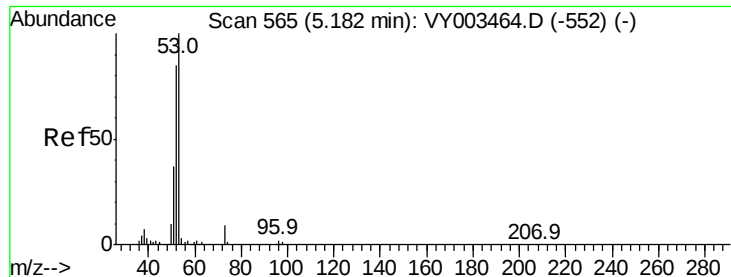
Ion Ratio Lower Upper

41 100

39 68.4 54.4 81.6

76 33.9 27.6 41.4





#15

Acrylonitrile

Concen: 253.934 ug/l

RT: 5.18 min Scan# 565

Delta R.T. -0.00 min

Lab File: VY003479.D

Acq: 02 Nov 2020 17:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

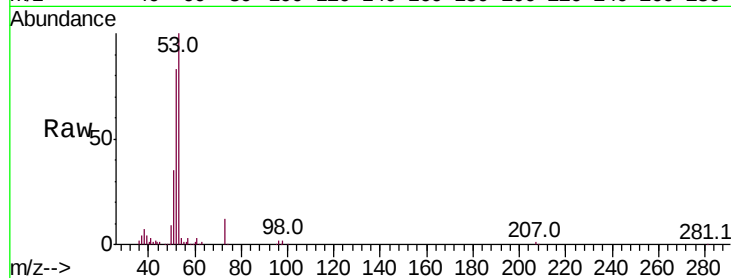
Tot Ion: 53 Resp: 148393

Ion Ratio Lower Upper

53 100

52 83.4 66.9 100.3

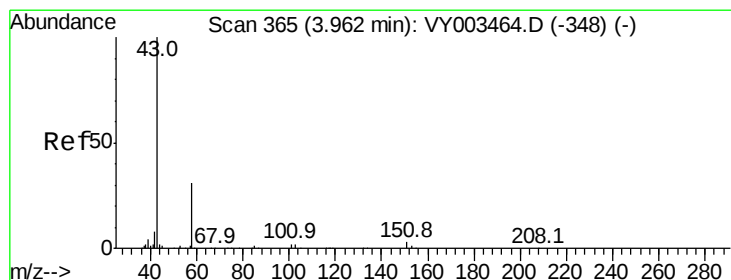
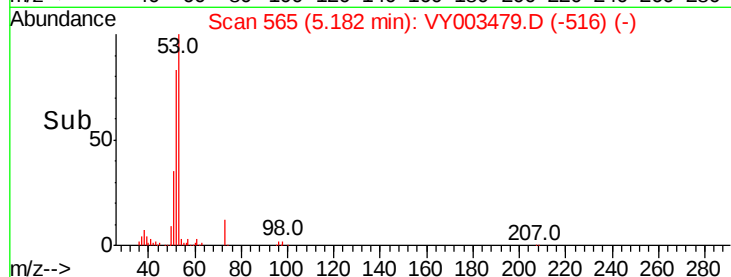
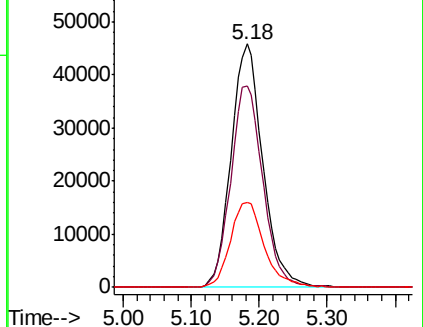
51 37.2 29.3 43.9



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: 210.244 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.00 min

Lab File: VY003479.D

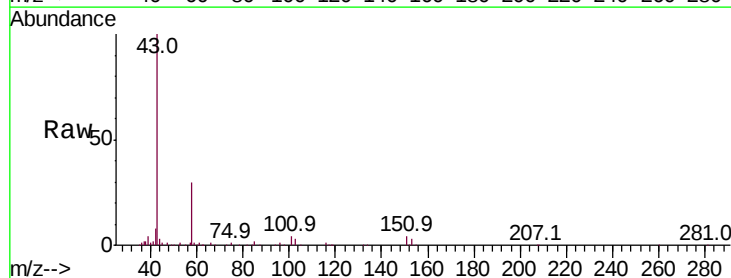
Acq: 02 Nov 2020 17:42

Tgt Ion: 43 Resp: 171038

Ion Ratio Lower Upper

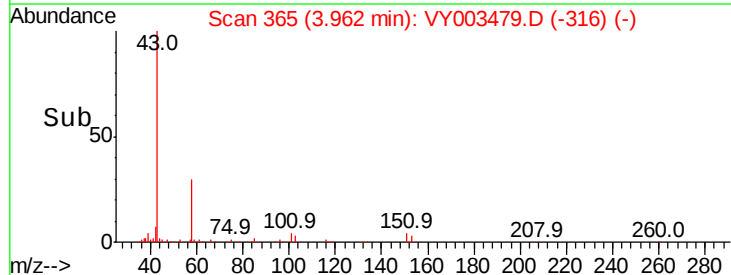
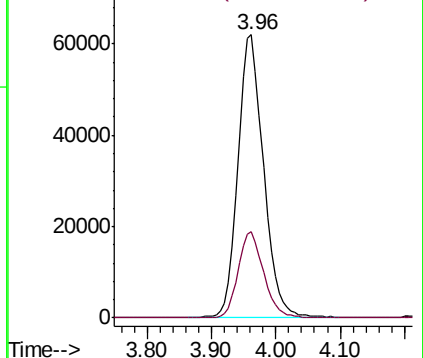
43 100

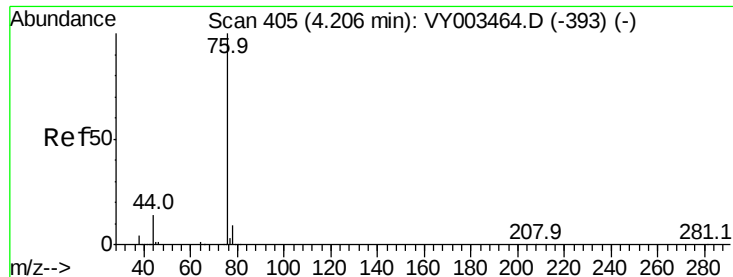
58 30.5 25.0 37.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 49.286 ug/l

RT: 4.21 min Scan# 405

Delta R.T. -0.00 min

Lab File: VY003479.D

Acq: 02 Nov 2020 17:42

Instrument :

MSVOA_Y

ClientSampleId :

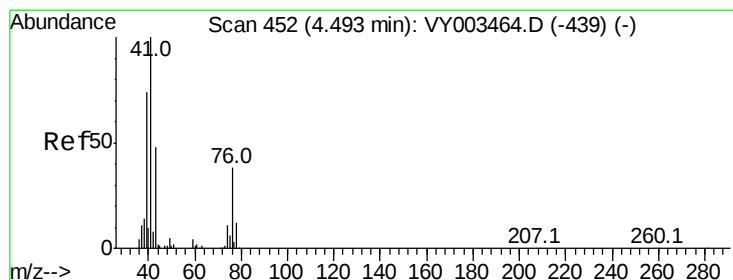
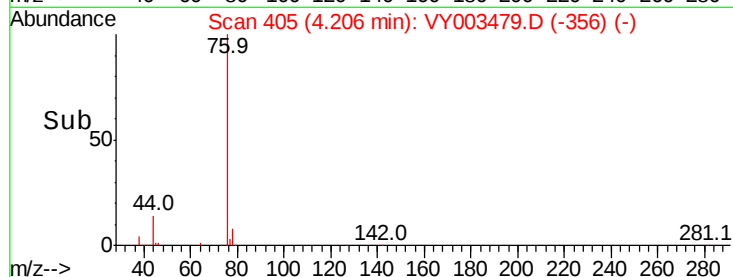
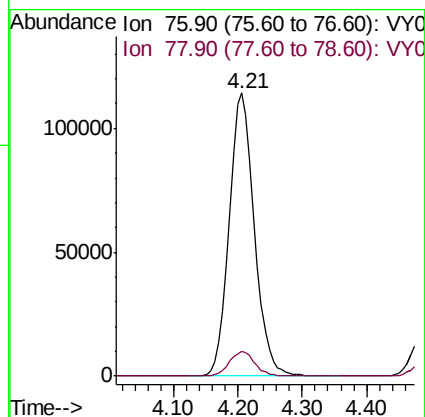
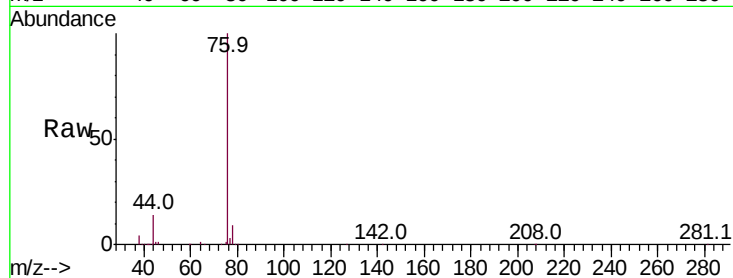
VSTDCCC050EC

Tot Ion: 76 Resp: 313453

Ion Ratio Lower Upper

76 100

78 8.6 7.4 11.2



#18

Methyl Acetate

Concen: 51.939 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.00 min

Lab File: VY003479.D

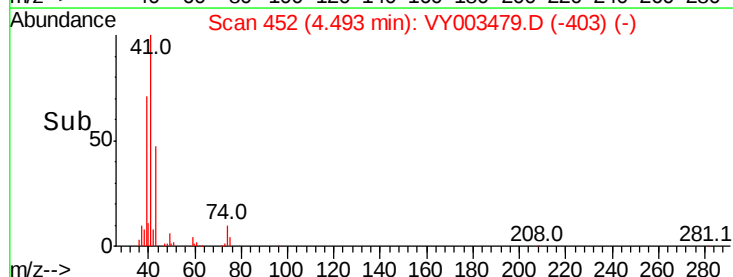
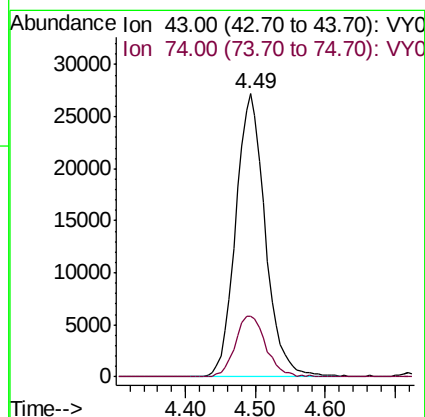
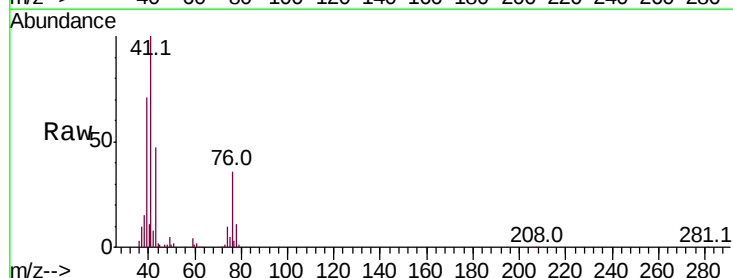
Acq: 02 Nov 2020 17:42

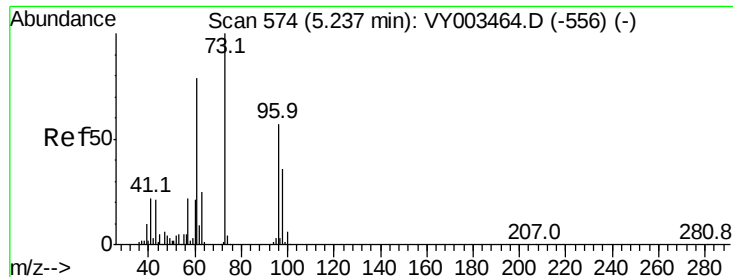
Tgt Ion: 43 Resp: 79849

Ion Ratio Lower Upper

43 100

74 22.3 18.4 27.6

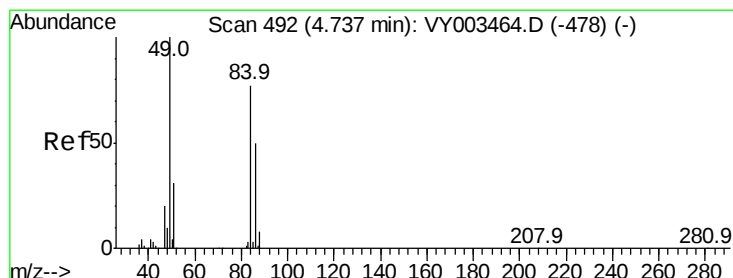
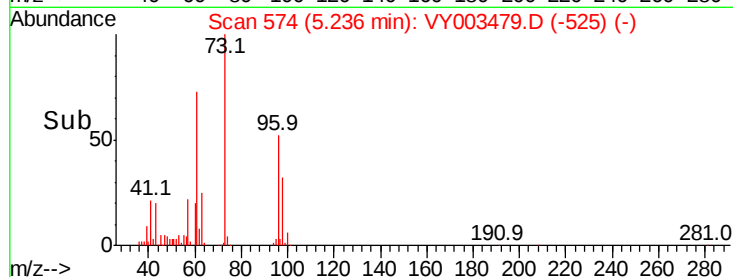
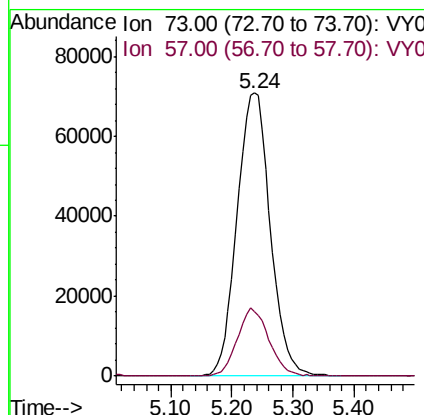
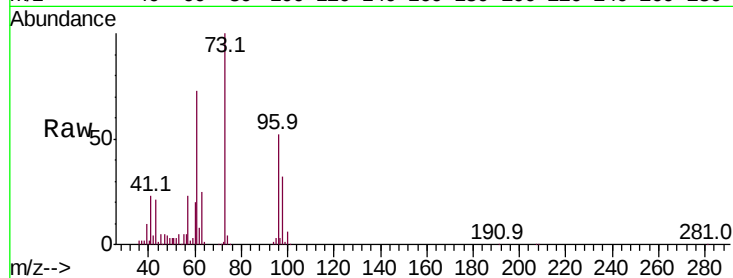




#19
Methvl tert-butvl Ether
Concen: 55.030 ug/l
RT: 5.24 min Scan# 574
Delta R.T. -0.00 min
Lab File: VY003479.D
Acq: 02 Nov 2020 17:42

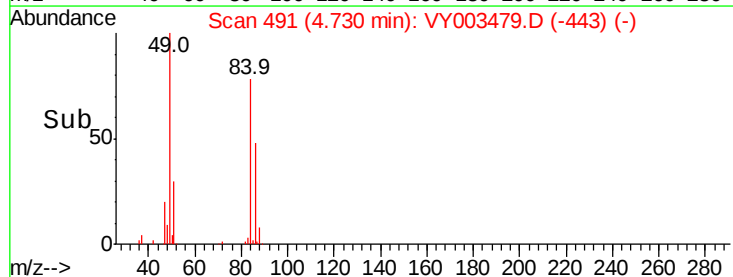
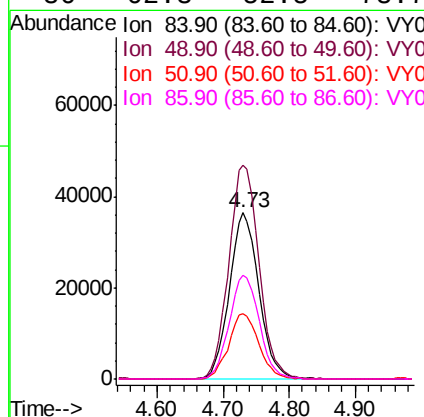
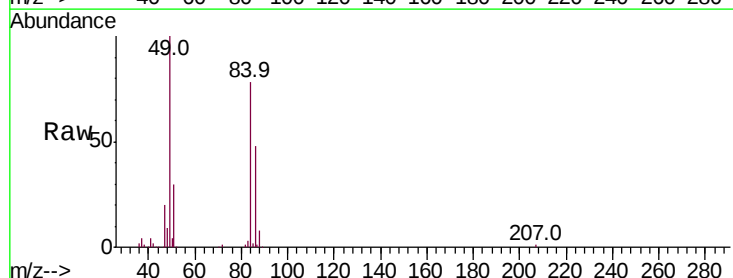
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

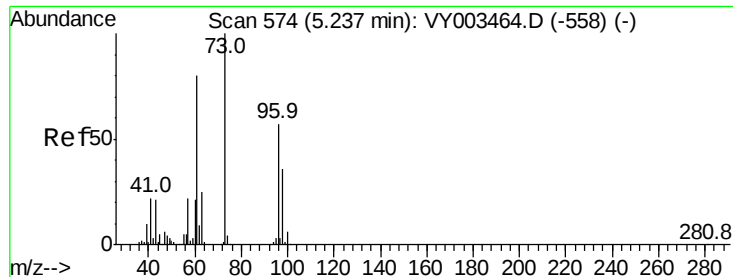
Tot Ion: 73 Resp: 267579
Ion Ratio Lower Upper
73 100
57 22.9 17.2 25.8



#20
Methylene Chloride
Concen: 49.091 ug/l
RT: 4.73 min Scan# 491
Delta R.T. -0.01 min
Lab File: VY003479.D
Acq: 02 Nov 2020 17:42

Tgt Ion: 84 Resp: 112470
Ion Ratio Lower Upper
84 100
49 128.7 104.3 156.5
51 39.0 32.5 48.7
86 62.3 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 49.670 ug/l

RT: 5.24 min Scan# 574

Delta R.T. -0.00 min

Lab File: VY003479.D

Acq: 02 Nov 2020 17:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

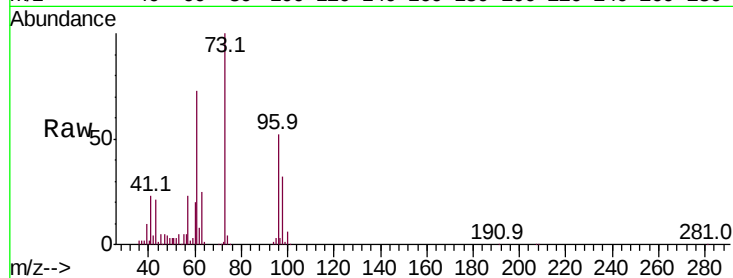
Tot Ion: 96 Resp: 112911

Ion Ratio Lower Upper

96 100

61 140.3 111.3 166.9

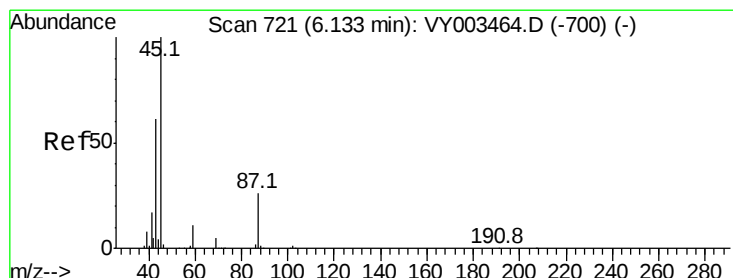
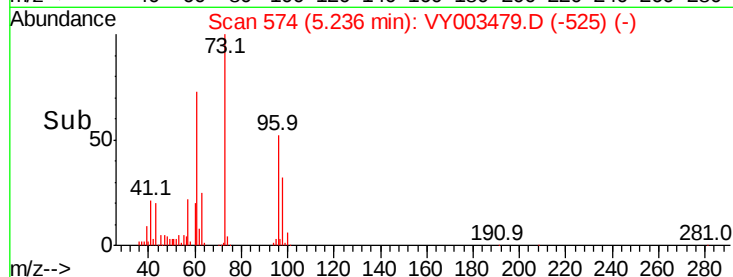
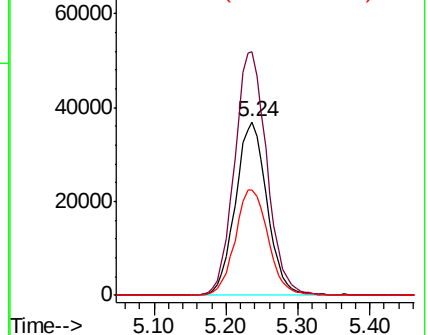
98 60.7 50.3 75.5



Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 54.697 ug/l

RT: 6.13 min Scan# 721

Delta R.T. -0.00 min

Lab File: VY003479.D

Acq: 02 Nov 2020 17:42

Tgt Ion: 45 Resp: 343615

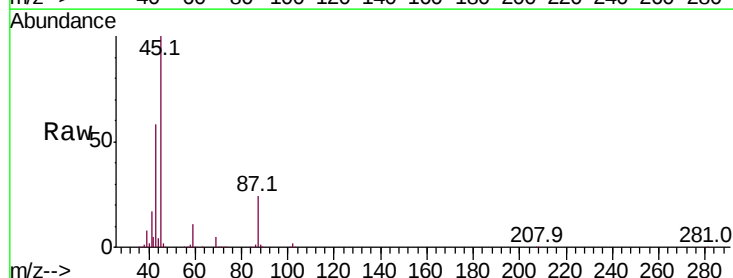
Ion Ratio Lower Upper

45 100

43 57.5 48.8 73.2

87 23.8 20.6 31.0

59 11.4 9.0 13.4

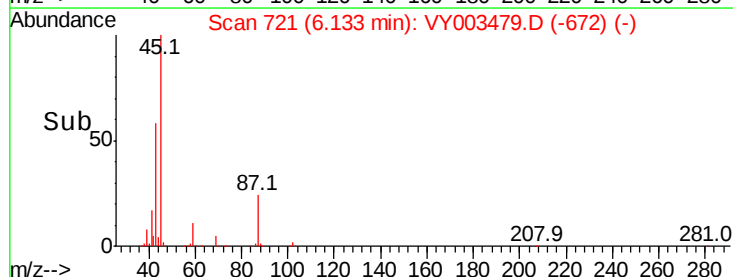
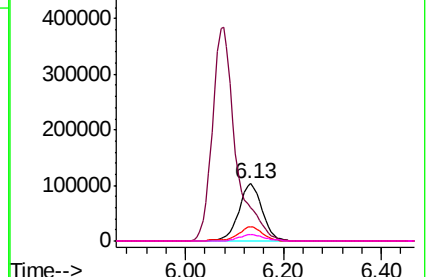


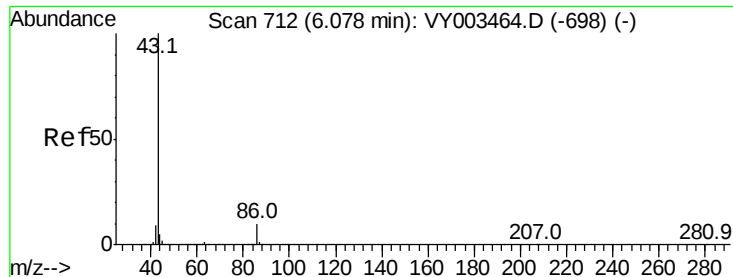
Abundance Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 269.107 ug/l

RT: 6.08 min Scan# 712

Delta R.T. -0.00 min

Lab File: VY003479.D

Acq: 02 Nov 2020 17:42

Instrument :

MSVOA_Y

ClientSampleId :

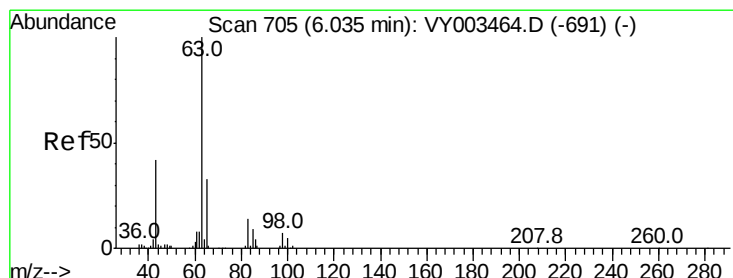
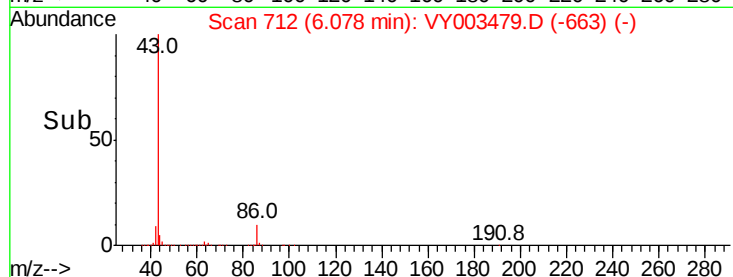
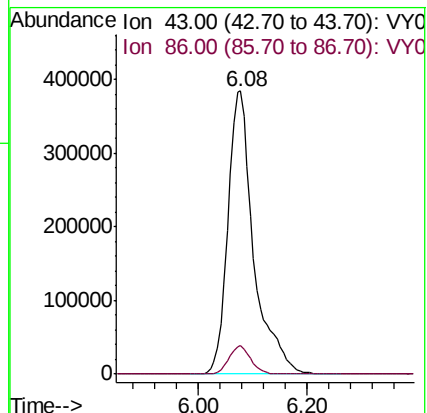
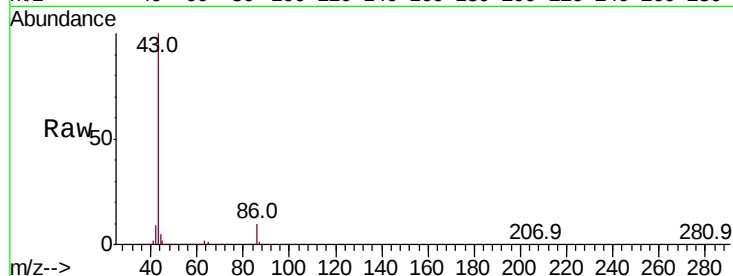
VSTDCCC050EC

Tot Ion: 43 Resp: 1270394

Ion Ratio Lower Upper

43 100

86 10.1 8.2 12.2



#24

1,1-Dichloroethane

Concen: 51.223 ug/l

RT: 6.04 min Scan# 705

Delta R.T. -0.00 min

Lab File: VY003479.D

Acq: 02 Nov 2020 17:42

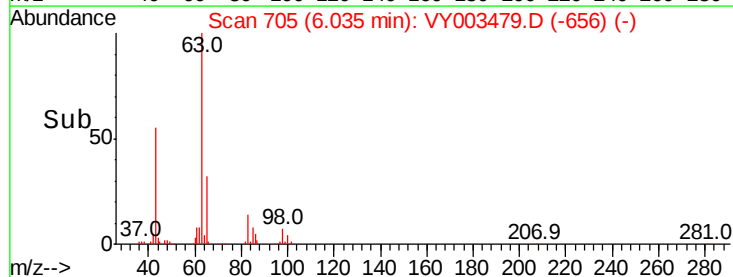
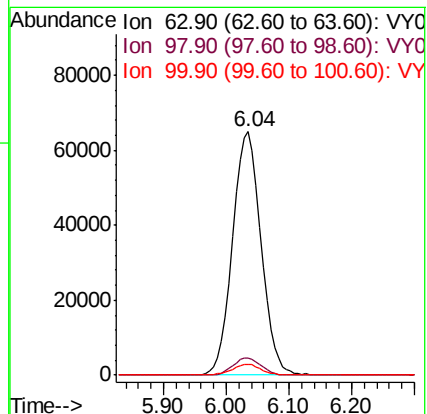
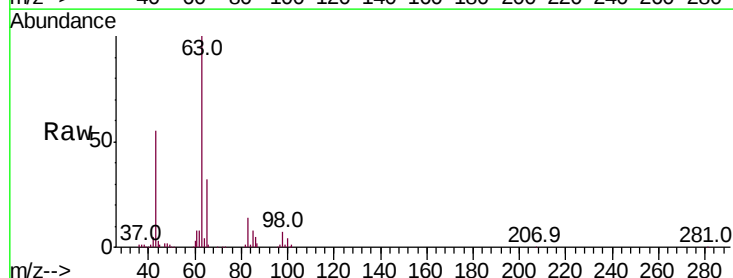
Tgt Ion: 63 Resp: 204482

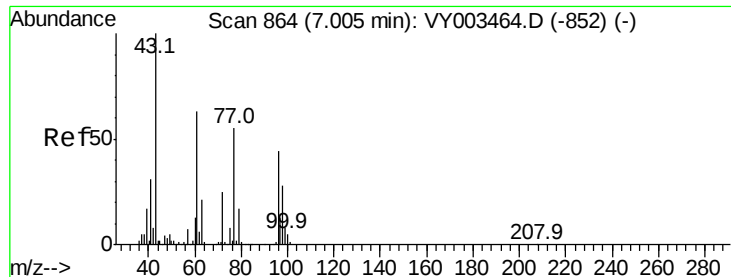
Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.8

100 4.5 2.3 6.9





#25

2-Butanone

Concen: 237.715 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY003479.D

Acq: 02 Nov 2020 17:42

Instrument :

MSVOA_Y

ClientSampleId :

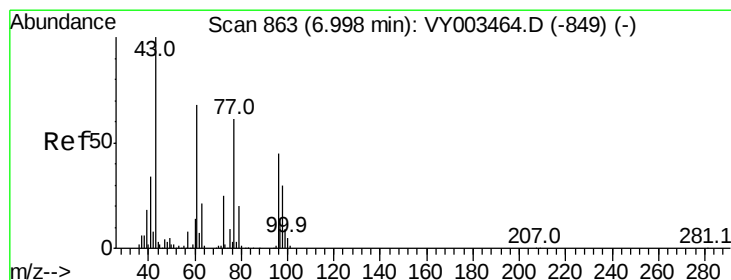
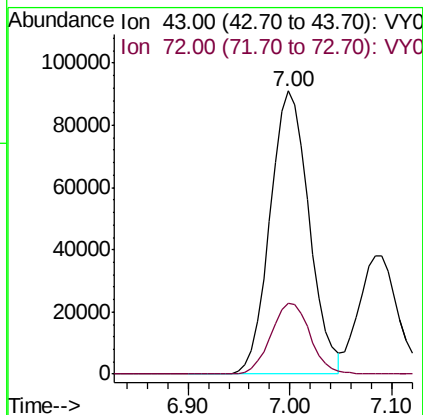
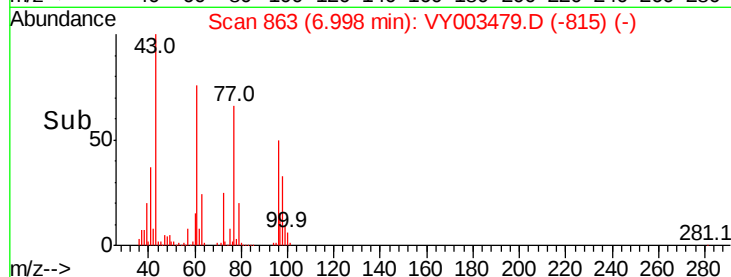
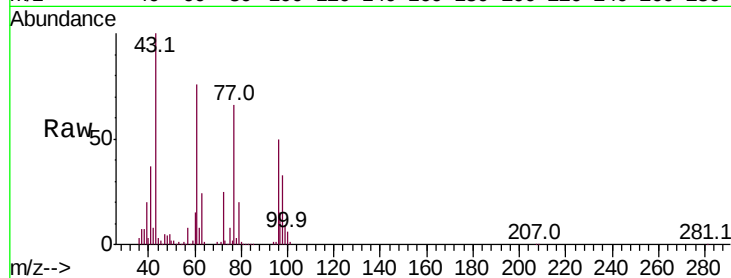
VSTDCCC050EC

Tot Ion: 43 Resp: 241869

Ion Ratio Lower Upper

43 100

72 25.1 20.1 30.1



#26

2,2-Dichloropropane

Concen: 48.712 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY003479.D

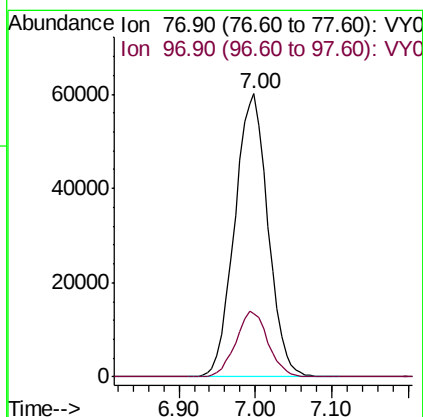
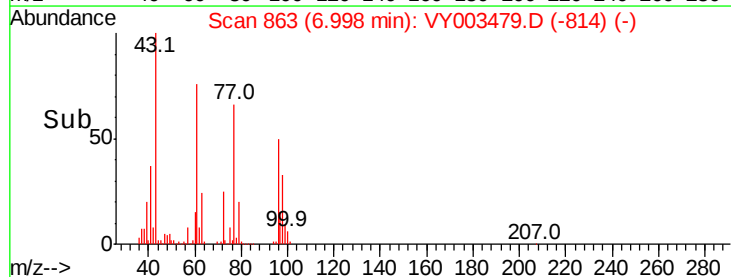
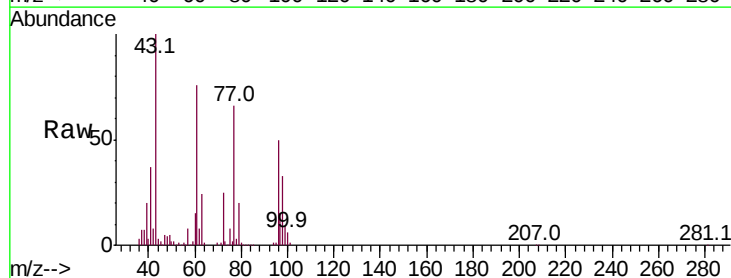
Acq: 02 Nov 2020 17:42

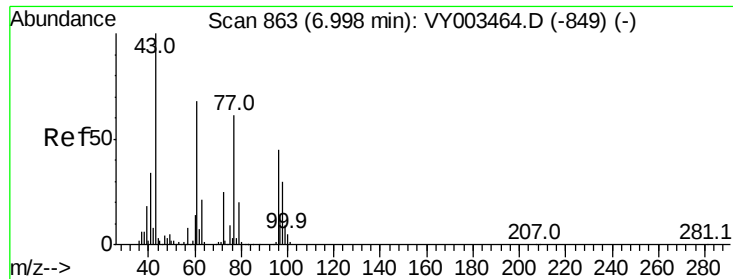
Tgt Ion: 77 Resp: 181163

Ion Ratio Lower Upper

77 100

97 22.5 11.2 33.6



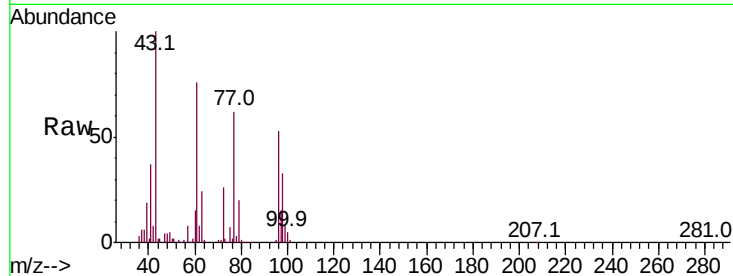


#27

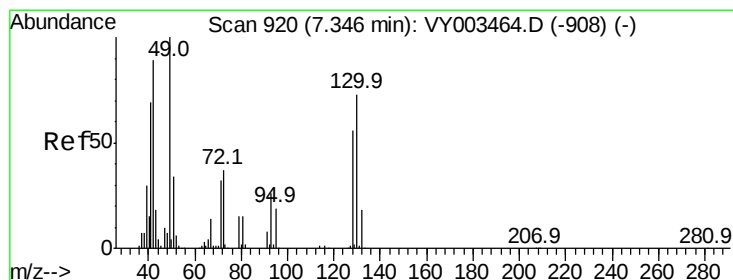
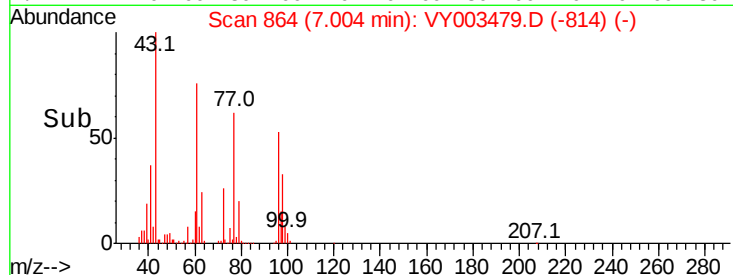
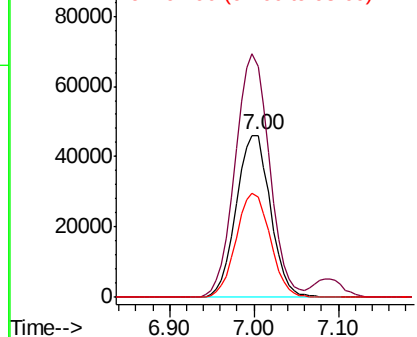
cis-1,2-Dichloroethene
Concen: 51.505 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.01 min
Lab File: VY003479.D
Acq: 02 Nov 2020 17:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	150.5	0.0	299.2
98	64.3	0.0	128.6



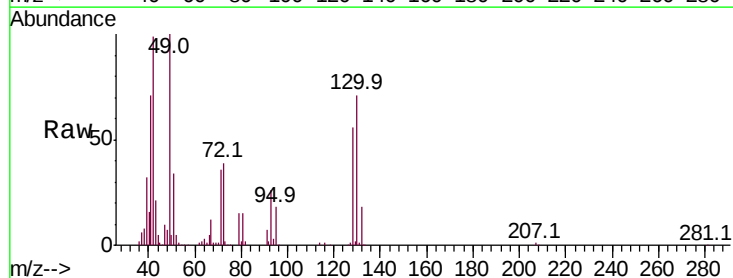
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



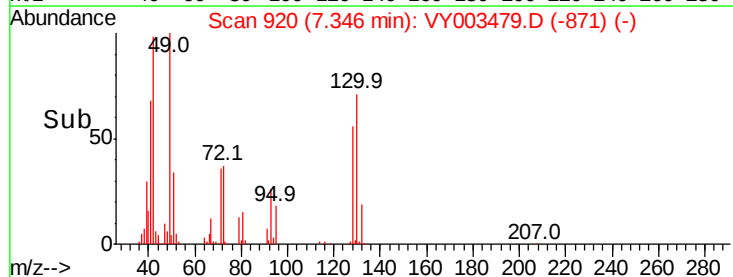
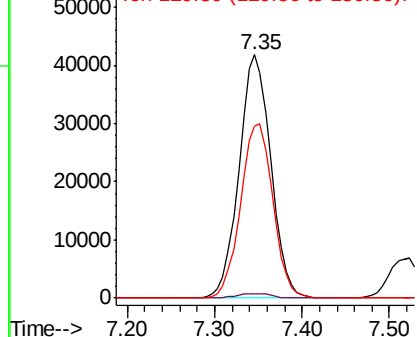
#28

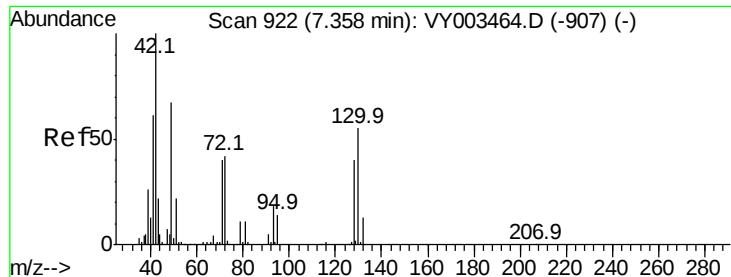
Bromochloromethane
Concen: 52.550 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.00 min
Lab File: VY003479.D
Acq: 02 Nov 2020 17:42

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	72.9	60.0	90.0



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





#29

Tetrahydrofuran

Concen: 259.565 ug/l

RT: 7.36 min Scan# 922

Delta R.T. -0.00 min

Lab File: VY003479.D

Acq: 02 Nov 2020 17:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

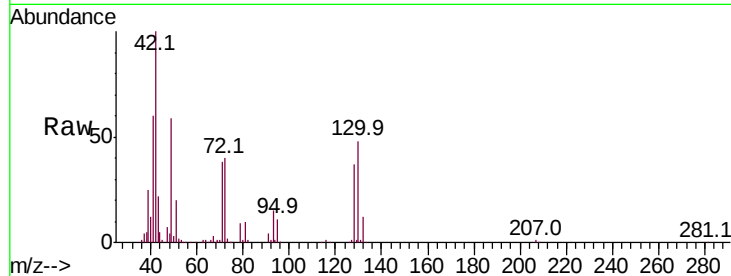
Tot Ion: 42 Resp: 138002

Ion Ratio Lower Upper

42 100

72 39.9 32.8 49.2

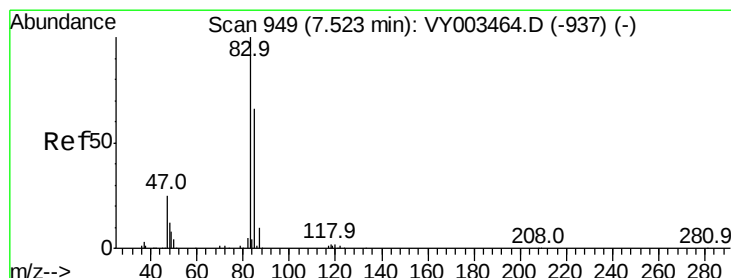
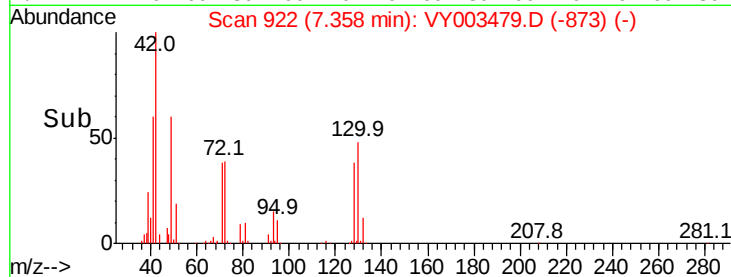
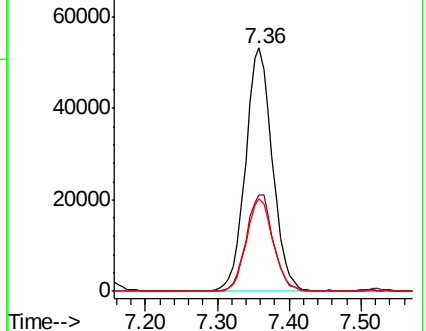
71 38.0 30.7 46.1



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 52.336 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.01 min

Lab File: VY003479.D

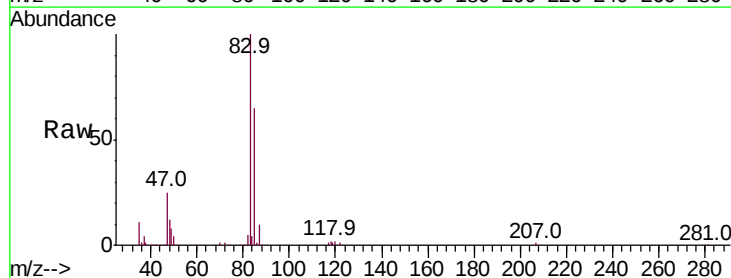
Acq: 02 Nov 2020 17:42

Tgt Ion: 83 Resp: 205205

Ion Ratio Lower Upper

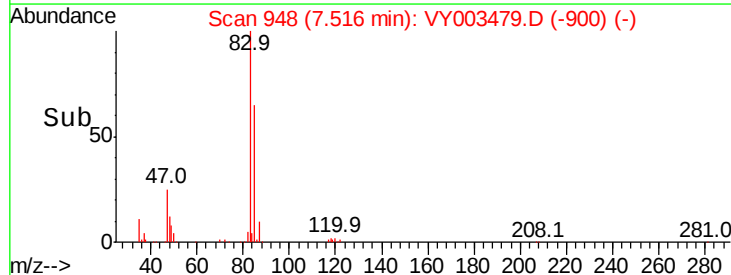
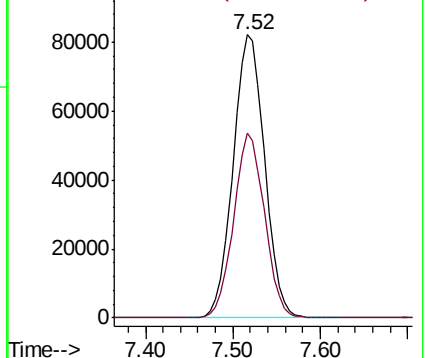
83 100

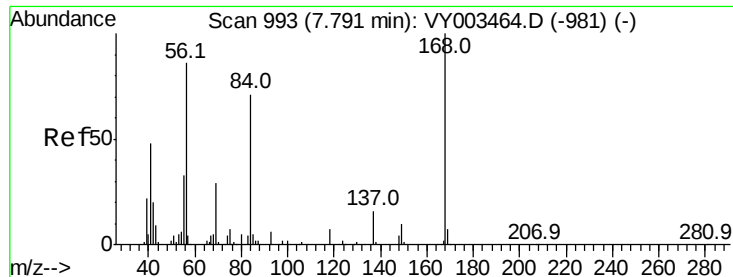
85 65.2 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 47.556 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY003479.D

Acq: 02 Nov 2020 17:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

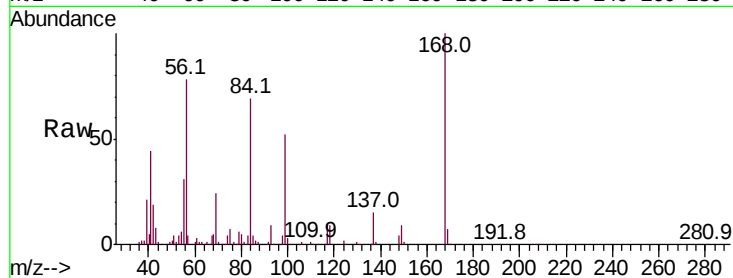
Tot Ion: 56 Resp: 175779

Ion Ratio Lower Upper

56 100

69 31.1 26.6 39.8

84 86.5 65.9 98.9

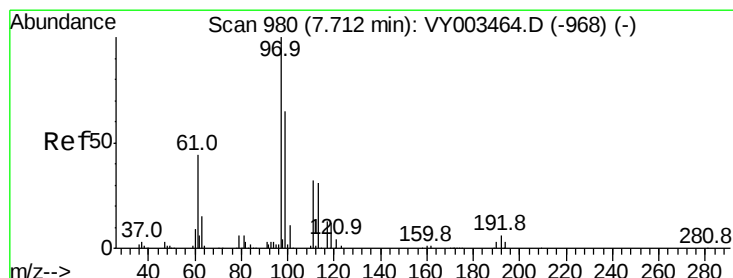
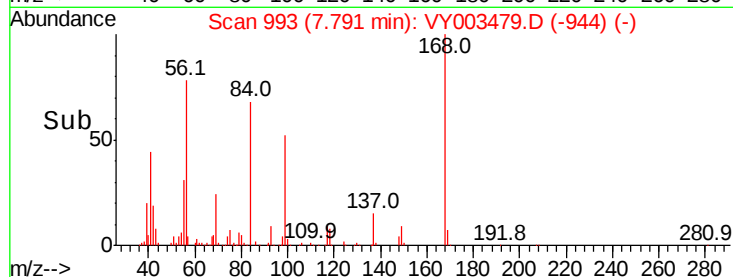
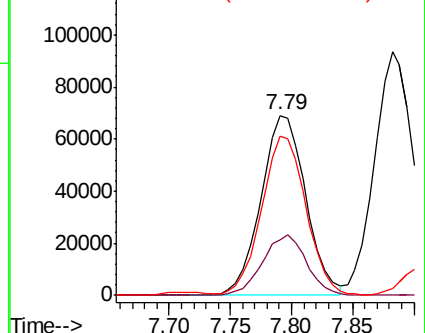


Abundance

Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 50.968 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.00 min

Lab File: VY003479.D

Acq: 02 Nov 2020 17:42

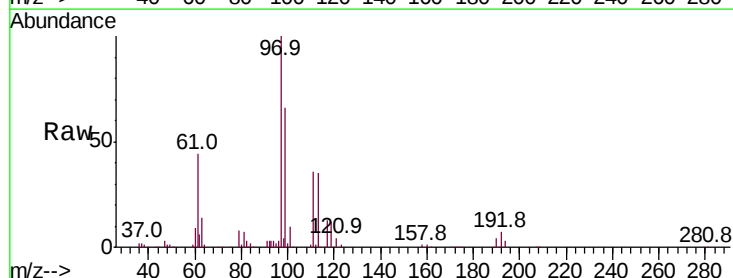
Tgt Ion: 97 Resp: 186437

Ion Ratio Lower Upper

97 100

99 64.3 51.6 77.4

61 44.0 35.1 52.7

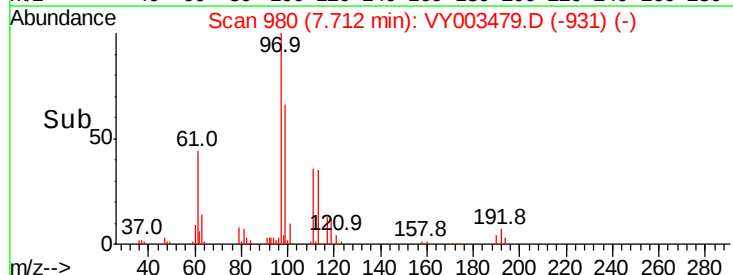
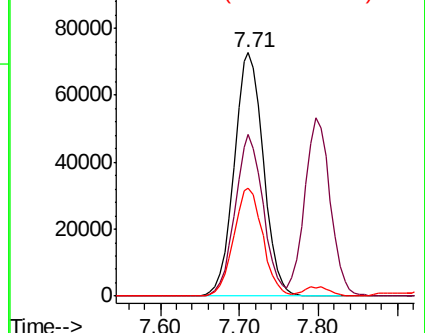


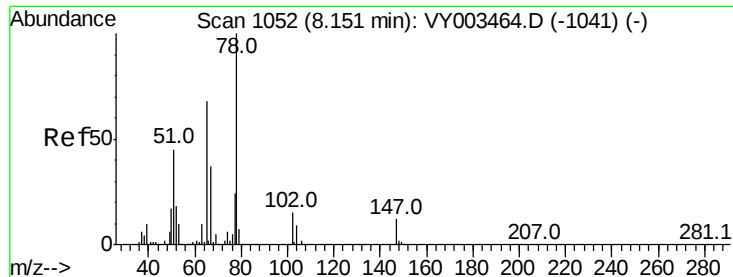
Abundance

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: 50.864 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY003479.D

Acq: 02 Nov 2020 17:42

Instrument :

MSVOA_Y

ClientSampleId :

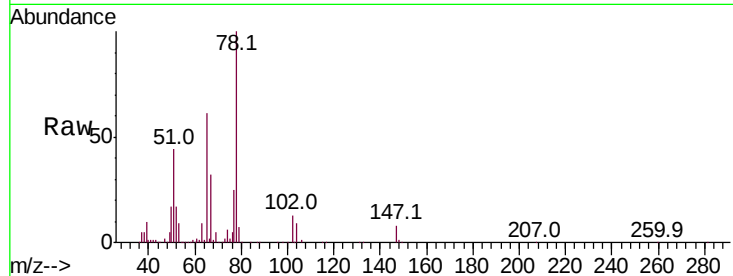
VSTDCCC050EC

Tot Ion: 65 Resp: 125435

Ion Ratio Lower Upper

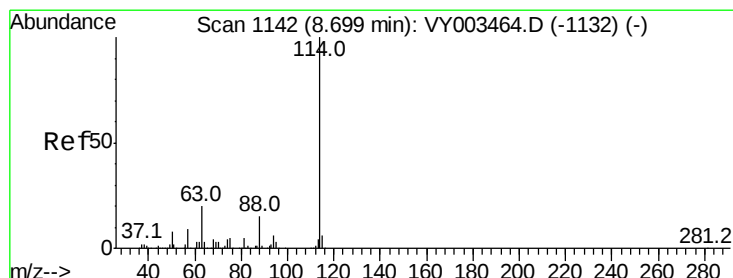
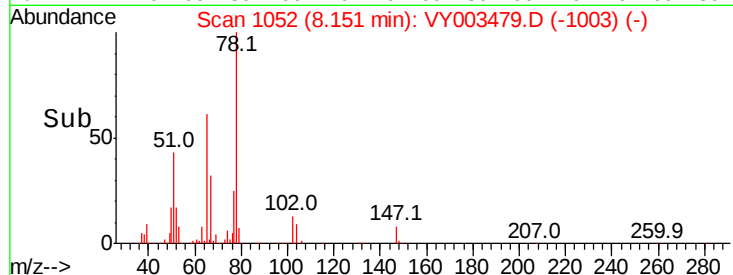
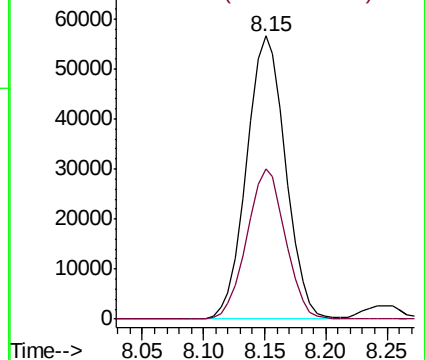
65 100

67 52.7 0.0 106.0



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VY003479.D

Acq: 02 Nov 2020 17:42

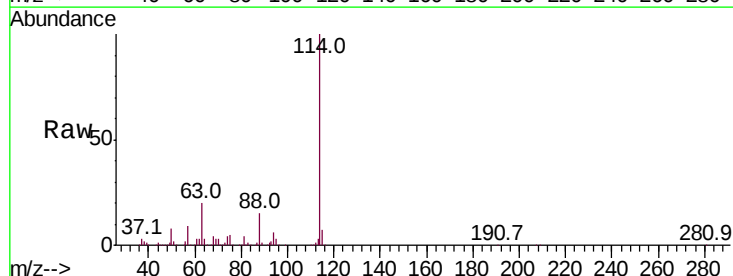
Tgt Ion: 114 Resp: 346883

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.6

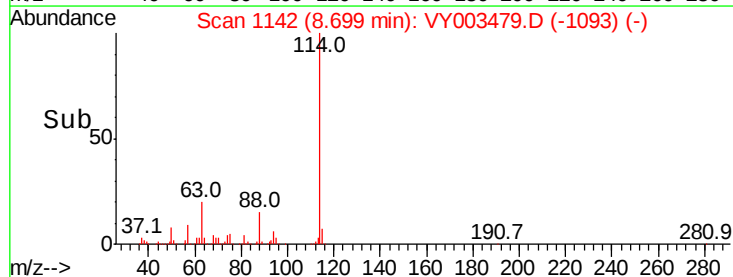
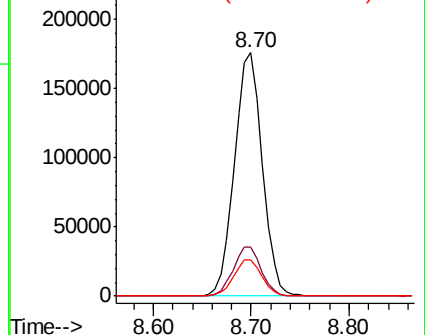
88 14.9 0.0 29.4

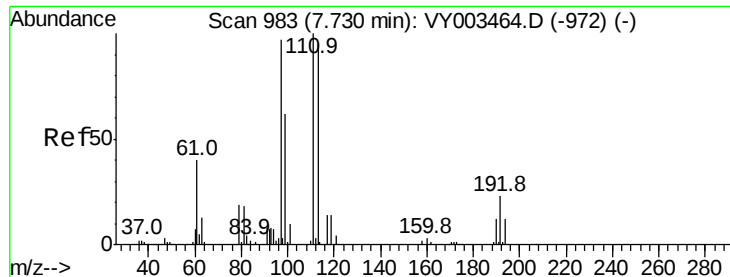


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





#35

Dibromofluoromethane

Concen: 50.705 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY003479.D

Acq: 02 Nov 2020 17:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

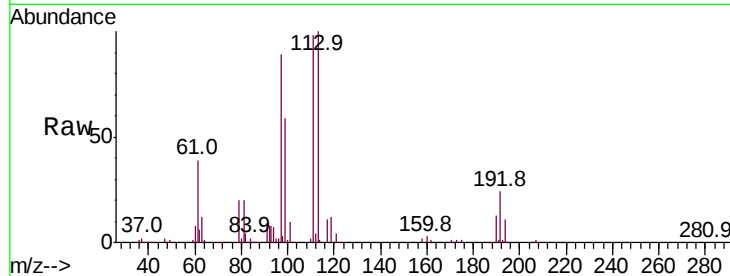
Tot Ion:113 Resp: 107031

Ion Ratio Lower Upper

113 100

111 102.4 81.8 122.6

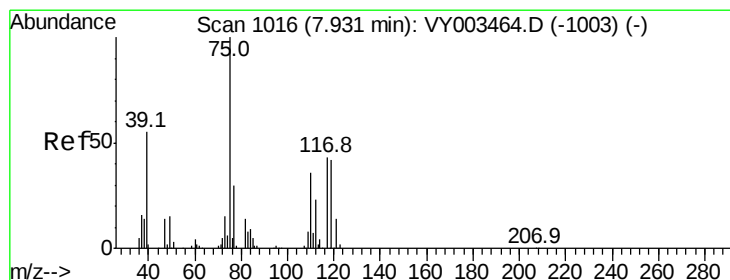
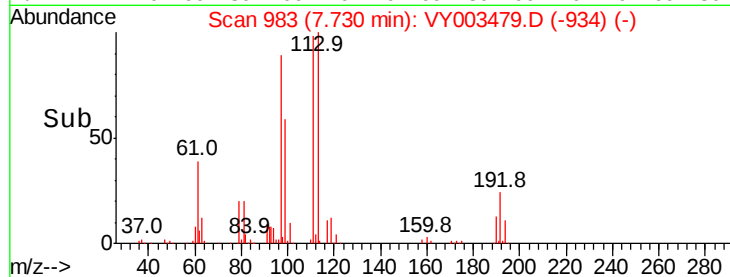
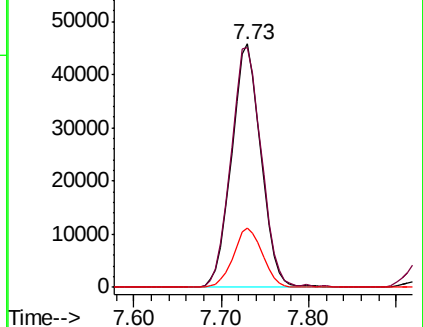
192 24.0 18.8 28.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.163 ug/l

RT: 7.92 min Scan# 1015

Delta R.T. -0.01 min

Lab File: VY003479.D

Acq: 02 Nov 2020 17:42

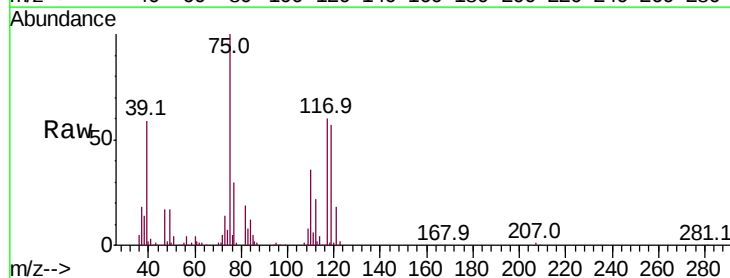
Tgt Ion: 75 Resp: 164060

Ion Ratio Lower Upper

75 100

110 35.3 17.6 52.9

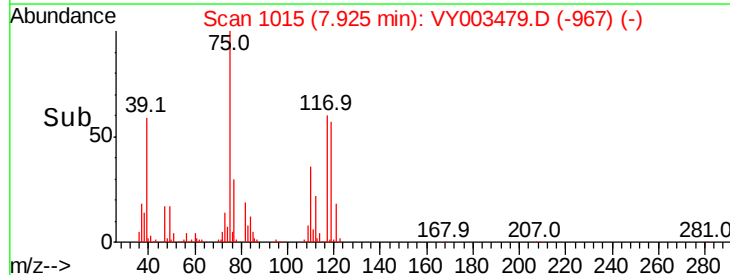
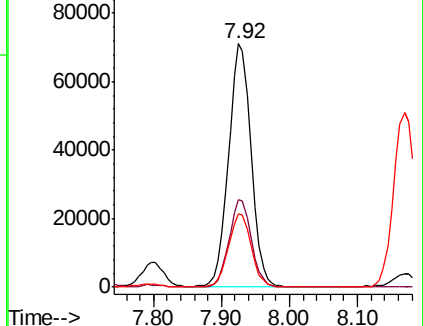
77 30.4 24.7 37.1

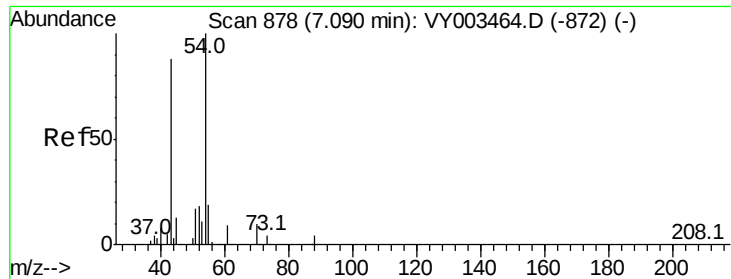


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

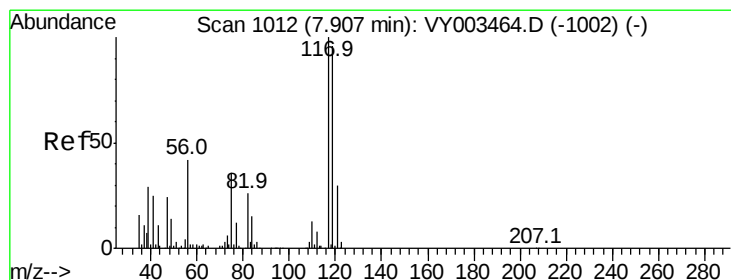
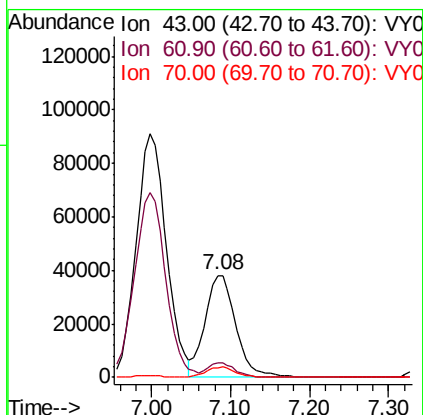
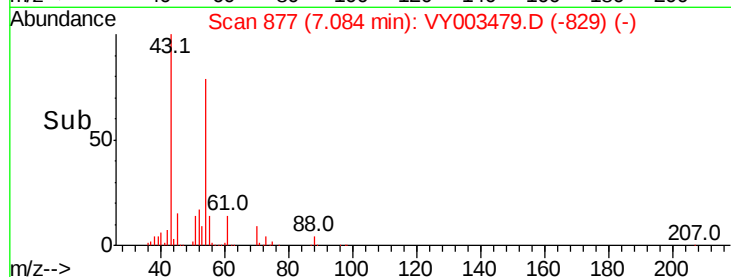
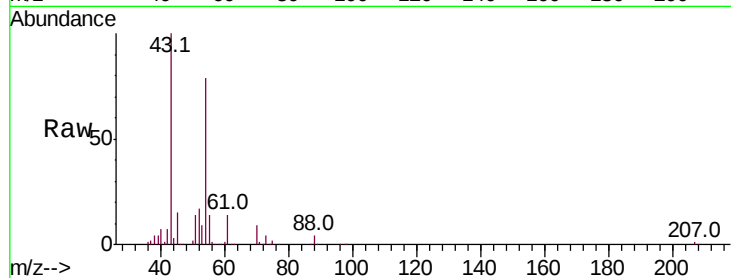




#37
Ethyl Acetate
Concen: 50.964 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY003479.D
Acq: 02 Nov 2020 17:42

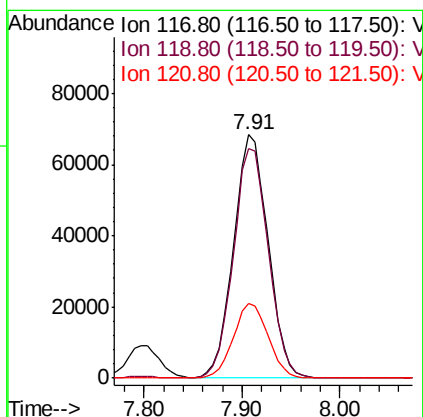
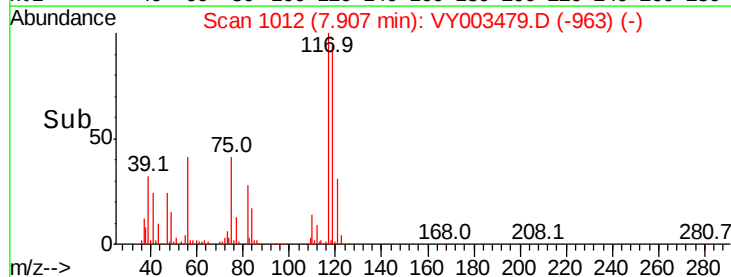
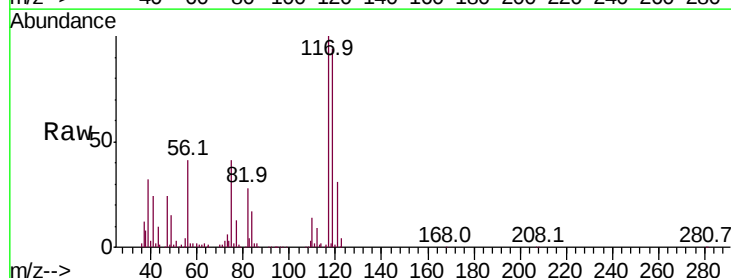
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

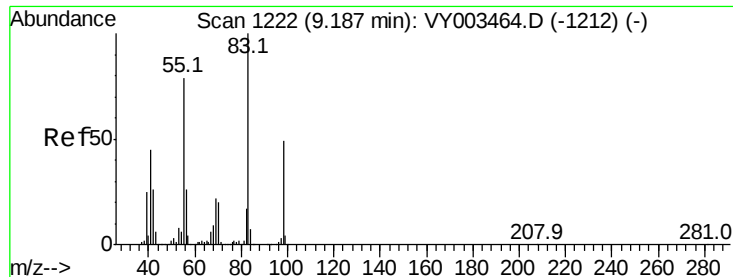
Tot Ion: 43 Resp: 103502
Ion Ratio Lower Upper
43 100
61 12.9 11.0 16.6
70 9.6 7.9 11.9



#38
Carbon Tetrachloride
Concen: 49.333 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003479.D
Acq: 02 Nov 2020 17:42

Tgt Ion: 117 Resp: 167384
Ion Ratio Lower Upper
117 100
119 94.2 76.2 114.4
121 30.8 24.2 36.4

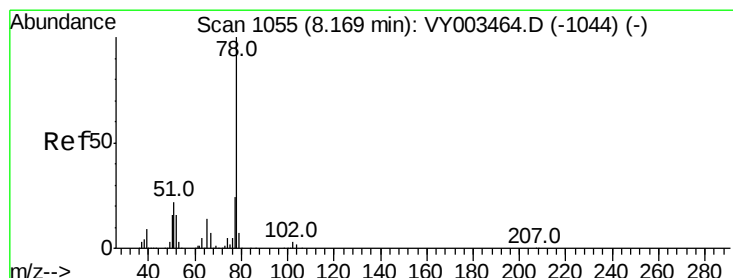
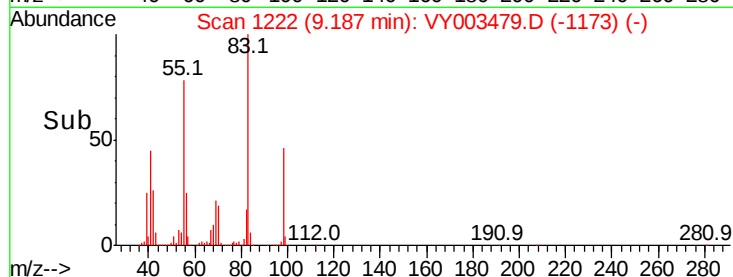
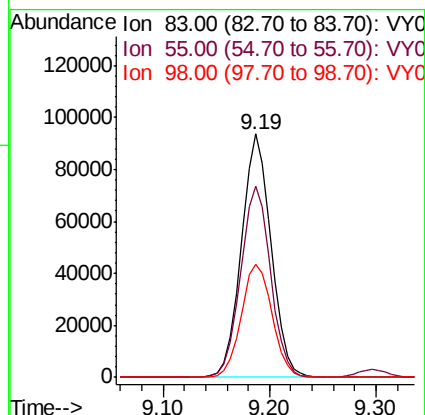
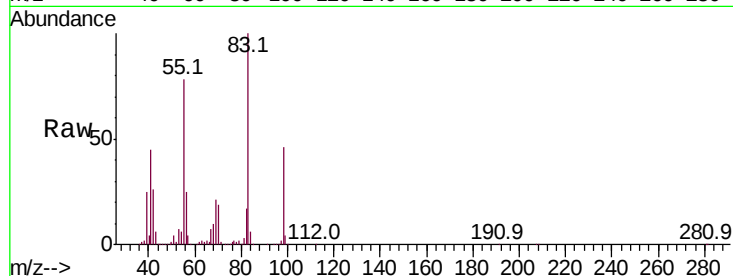




#39
Methvlcvclohexane
Concen: 50.335 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003479.D
Acq: 02 Nov 2020 17:42

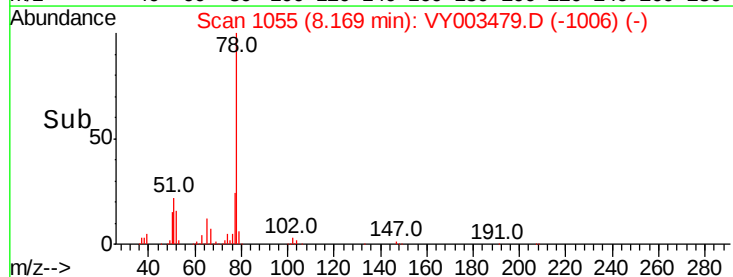
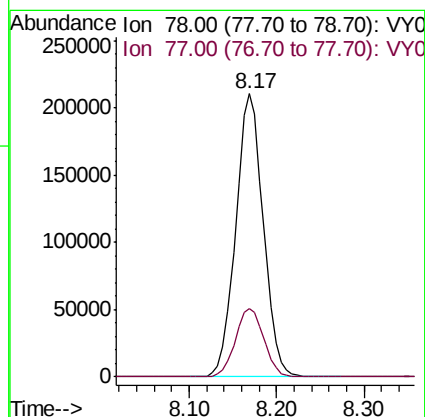
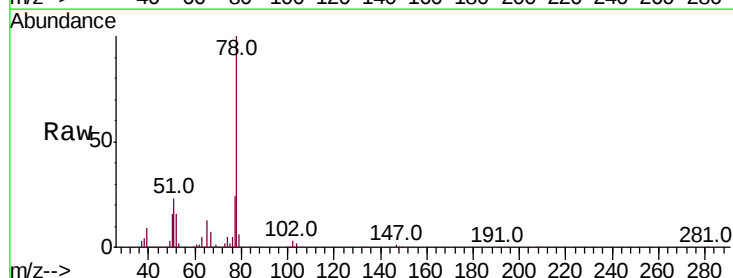
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

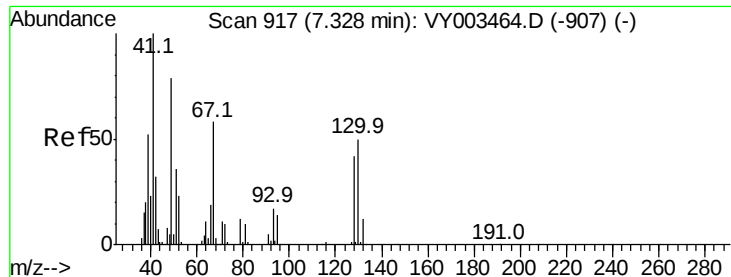
Tot Ion	83	Resp	183305
Ion Ratio	100	Lower	Upper
55	78.3	63.5	95.3
98	46.2	39.4	59.2



#40
Benzene
Concen: 50.604 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY003479.D
Acq: 02 Nov 2020 17:42

Tgt Ion	78	Resp	460585
Ion Ratio	100	Lower	Upper
77	24.2	19.4	29.0

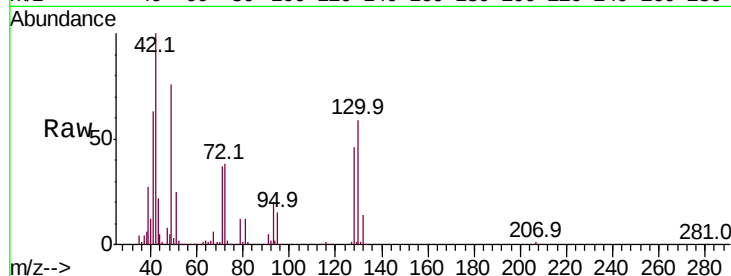




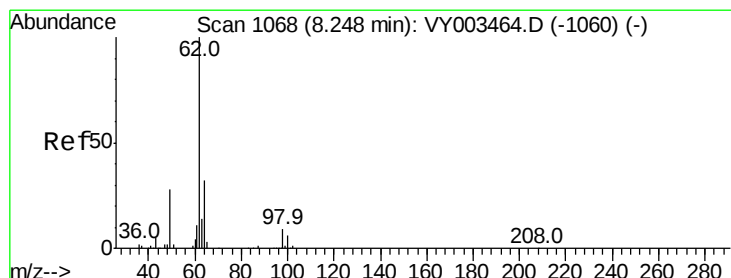
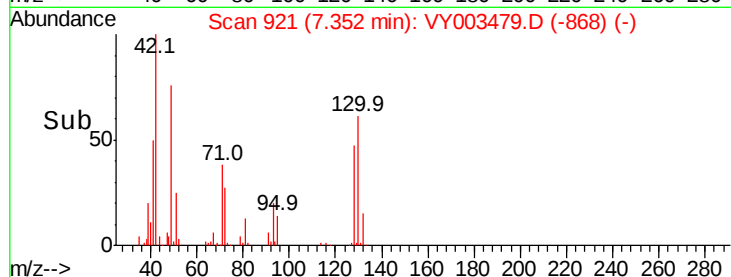
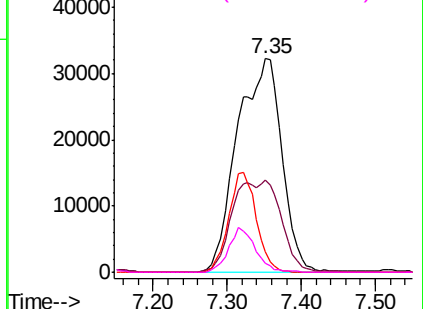
#41
Methacrylonitrile
Concen: 124.393 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY003479.D
Acq: 02 Nov 2020 17:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	134905
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

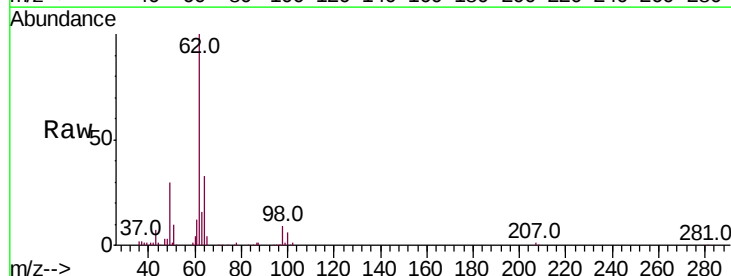


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

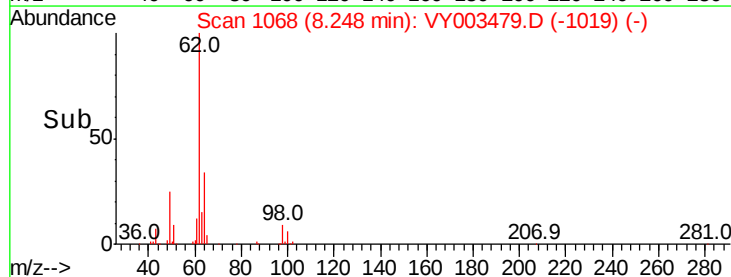
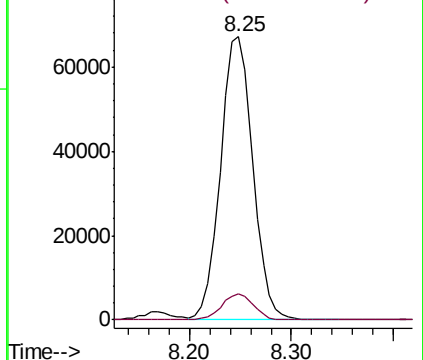


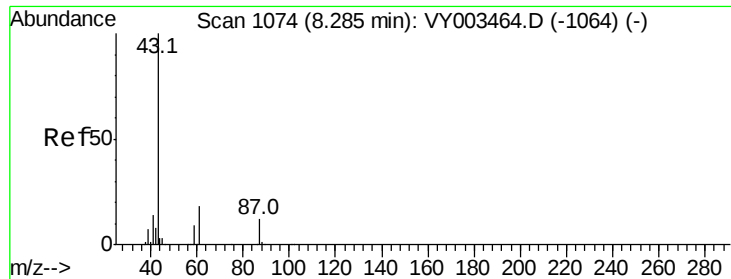
#42
1,2-Dichloroethane
Concen: 51.746 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.00 min
Lab File: VY003479.D
Acq: 02 Nov 2020 17:42

Tgt Ion:	62	Resp:	147573
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.2



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



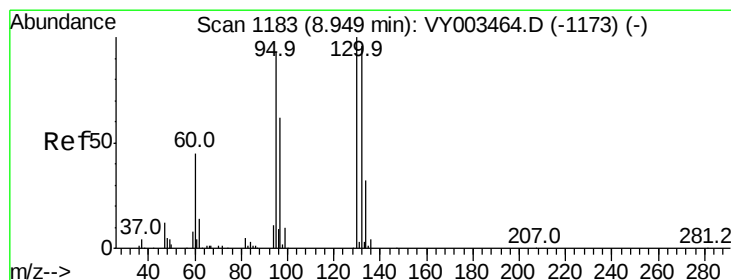
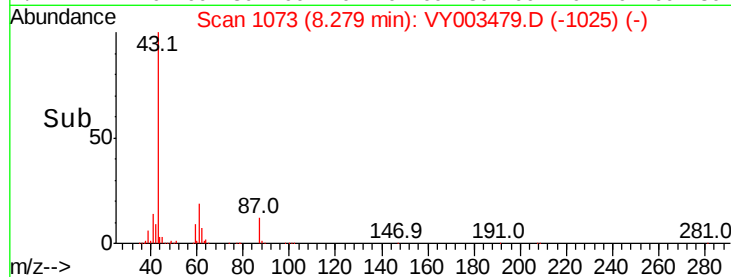
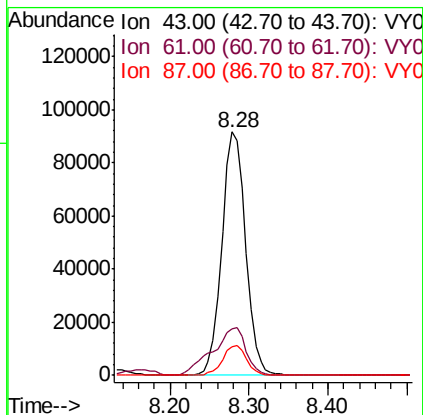
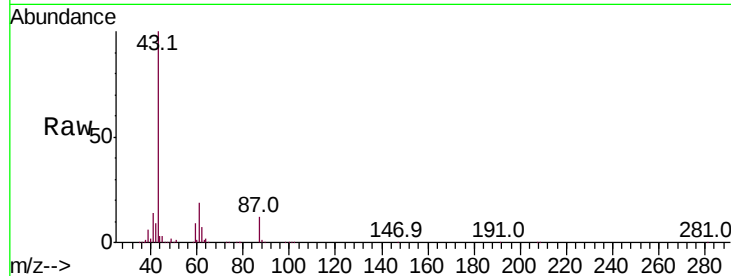


#43

Isopropyl Acetate
 Concen: 52.565 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: VY003479.D
 Acq: 02 Nov 2020 17:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

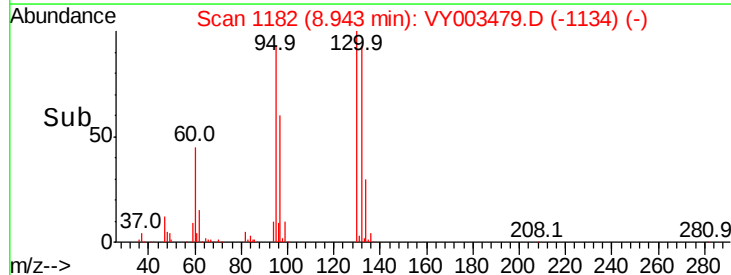
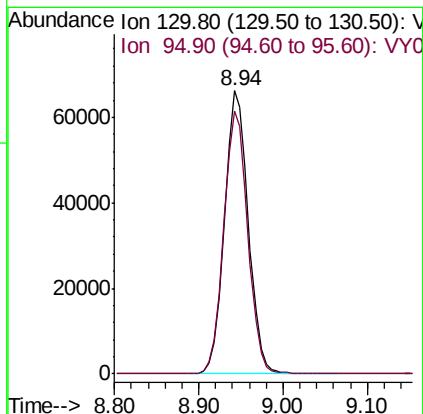
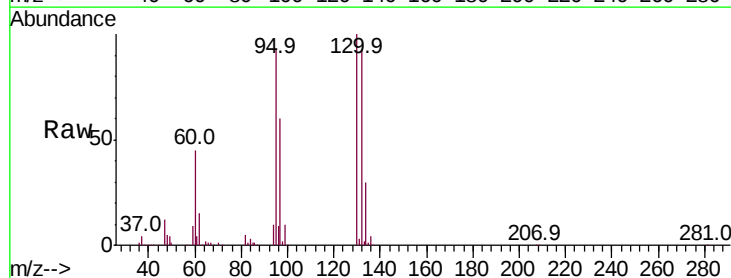
Tot Ion: 43 Resp: 191856
 Ion Ratio Lower Upper
 43 100
 61 27.5 21.9 32.9
 87 12.4 10.0 15.0

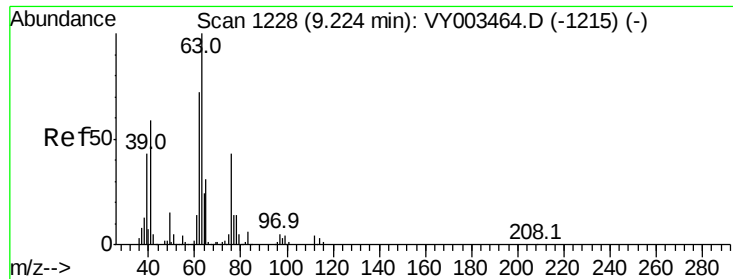


#44

Trichloroethene
 Concen: 49.937 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: VY003479.D
 Acq: 02 Nov 2020 17:42

Tgt Ion:130 Resp: 127595
 Ion Ratio Lower Upper
 130 100
 95 92.9 0.0 186.6





#45

1,2-Dichloropropane

Concen: 52.373 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VY003479.D

Acq: 02 Nov 2020 17:42

Instrument :

MSVOA_Y

ClientSampleId :

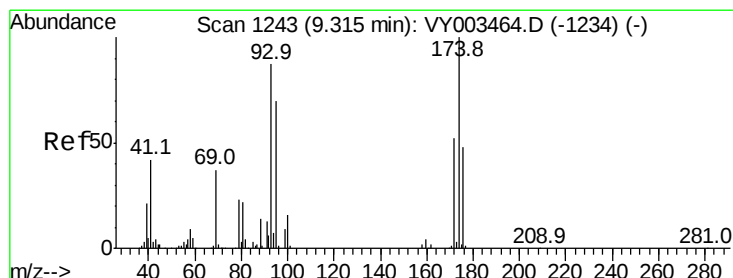
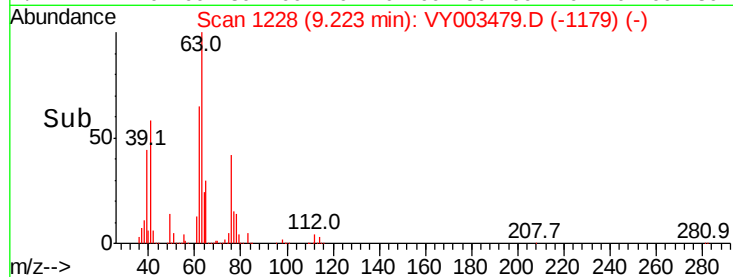
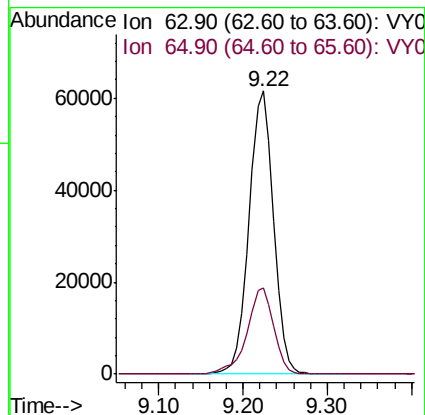
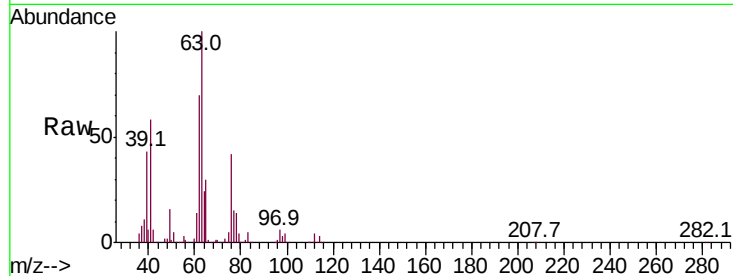
VSTDCCC050EC

Tot Ion: 63 Resp: 120378

Ion Ratio Lower Upper

63 100

65 30.3 24.6 36.8



#46

Dibromomethane

Concen: 51.743 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.01 min

Lab File: VY003479.D

Acq: 02 Nov 2020 17:42

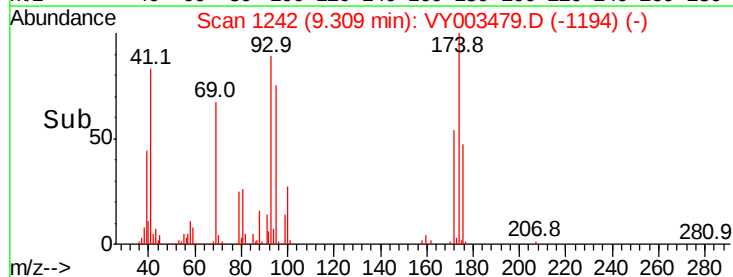
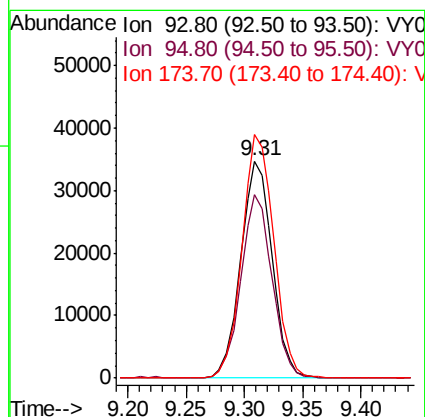
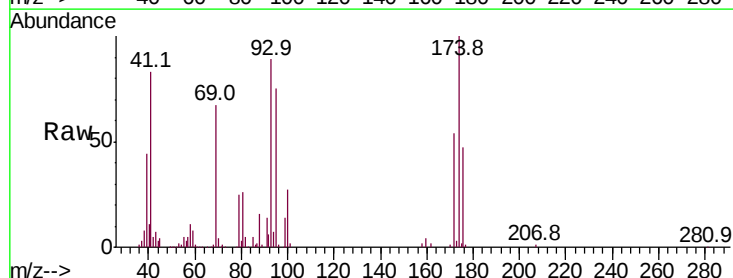
Tgt Ion: 93 Resp: 65431

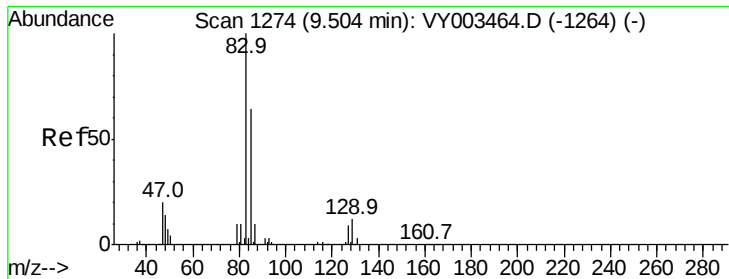
Ion Ratio Lower Upper

93 100

95 83.9 65.0 97.6

174 113.5 91.8 137.6





#47

Bromodichloromethane

Concen: 53.135 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.00 min

Lab File: VY003479.D

Acq: 02 Nov 2020 17:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

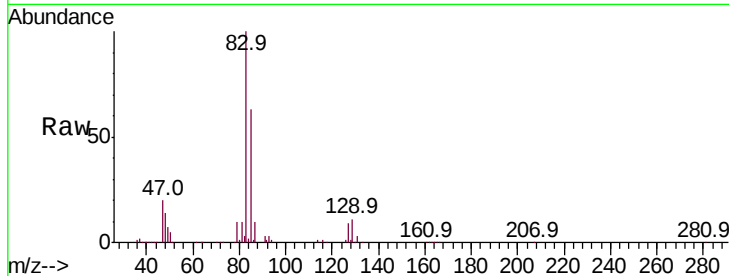
Tot Ion: 83 Resp: 164457

Ion Ratio Lower Upper

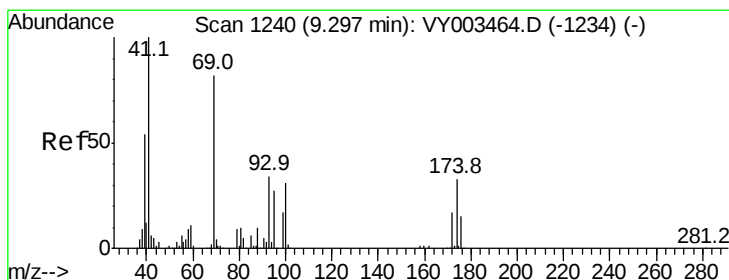
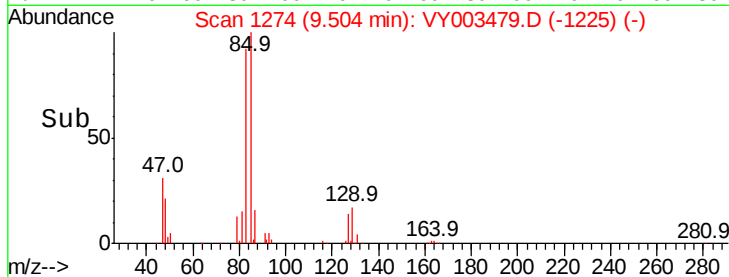
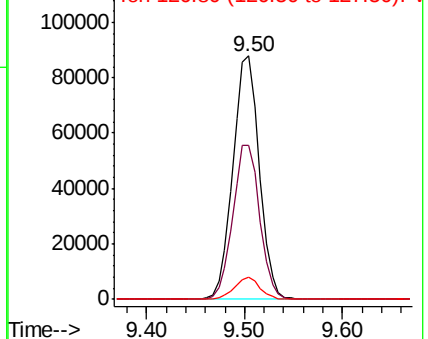
83 100

85 63.3 51.0 76.6

127 8.9 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): VY0



#48

Methyl methacrylate

Concen: 53.418 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY003479.D

Acq: 02 Nov 2020 17:42

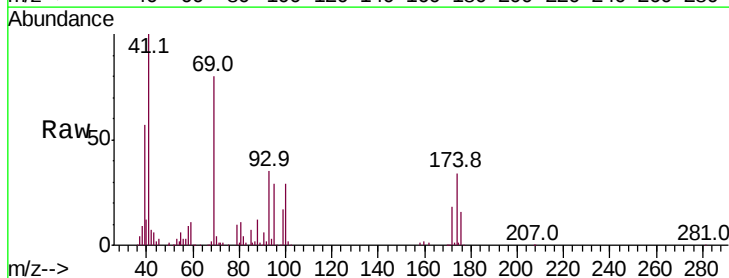
Tgt Ion: 41 Resp: 91842

Ion Ratio Lower Upper

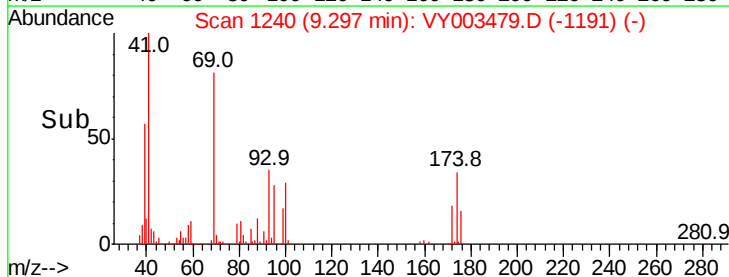
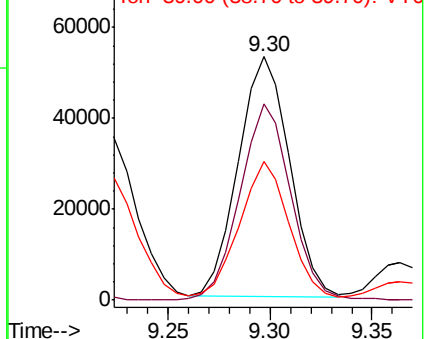
41 100

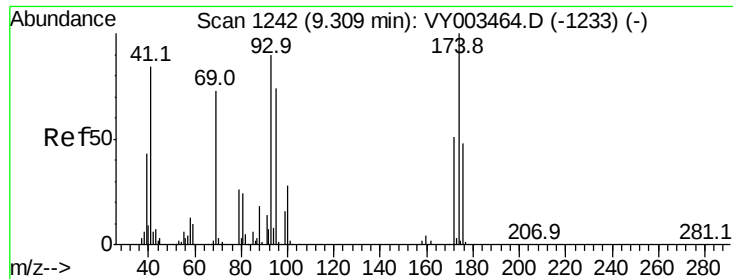
69 81.7 65.9 98.9

39 57.1 43.2 64.8



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: 1070.012 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VY003479.D

Acq: 02 Nov 2020 17:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

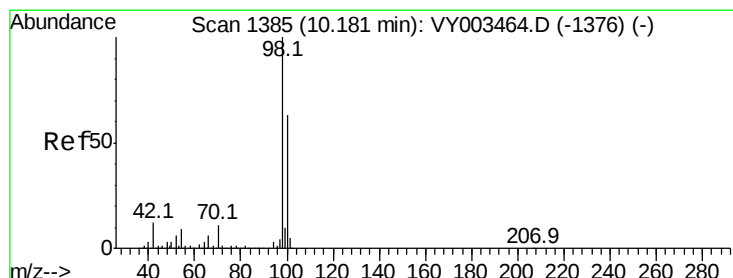
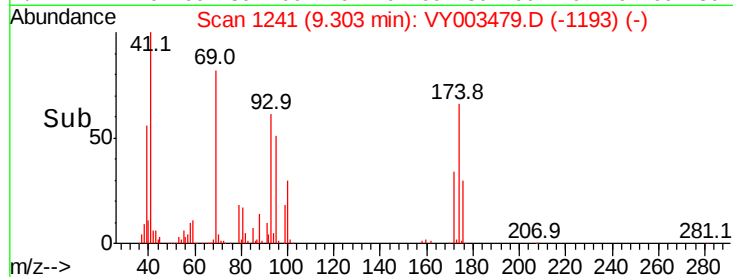
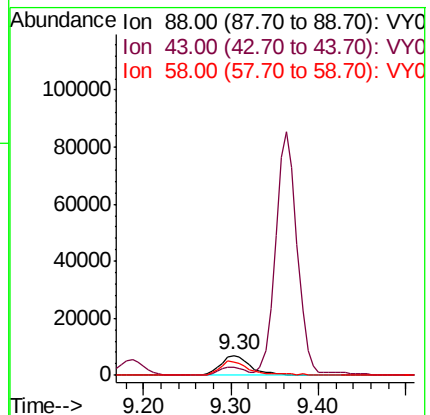
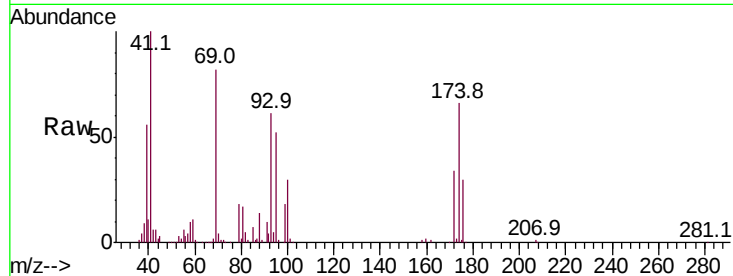
Tot Ion: 88 Resp: 16883

Ion Ratio Lower Upper

88 100

43 34.2 27.6 41.4

58 66.4 54.2 81.2



#50

Toluene-d8

Concen: 49.146 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003479.D

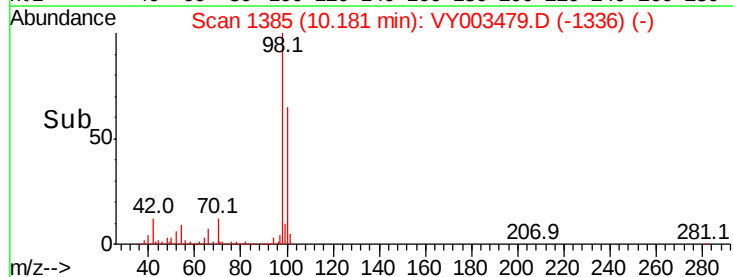
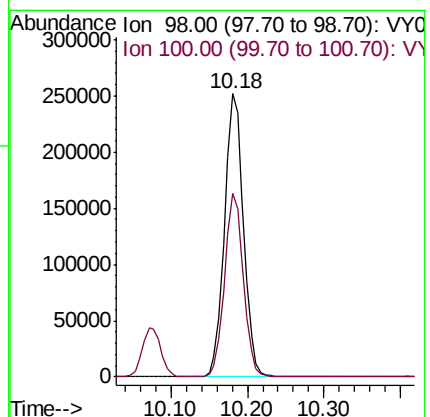
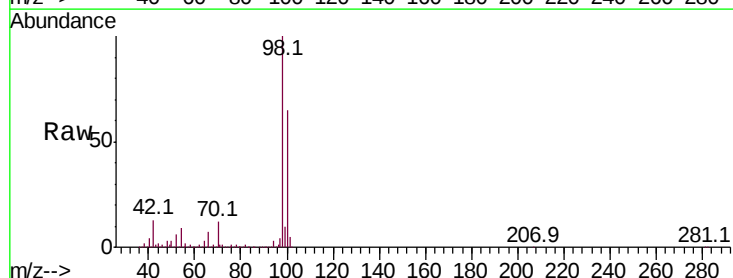
Acq: 02 Nov 2020 17:42

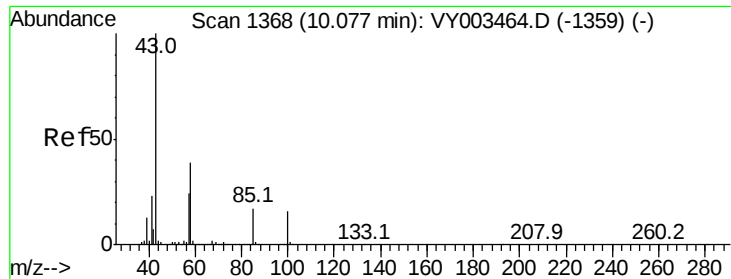
Tgt Ion: 98 Resp: 431570

Ion Ratio Lower Upper

98 100

100 64.1 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 262.476 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VY003479.D

Acq: 02 Nov 2020 17:42

Instrument :

MSVOA_Y

ClientSampleId :

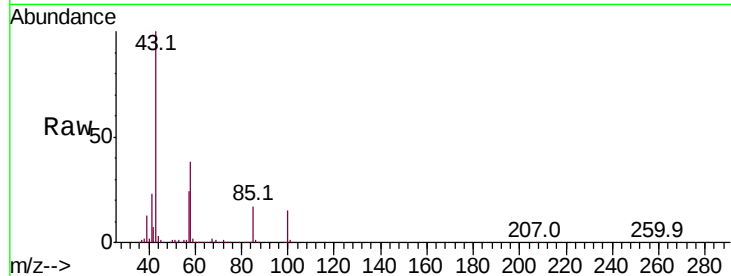
VSTDCCC050EC

Tot Ion: 43 Resp: 510420

Ion Ratio Lower Upper

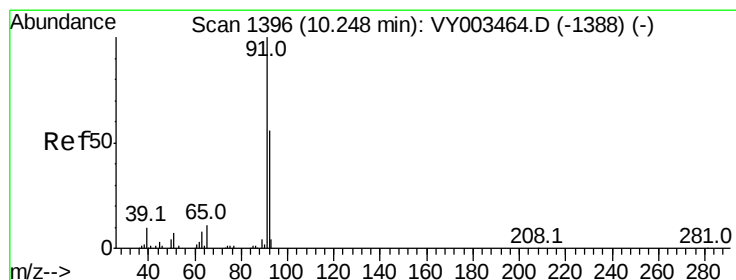
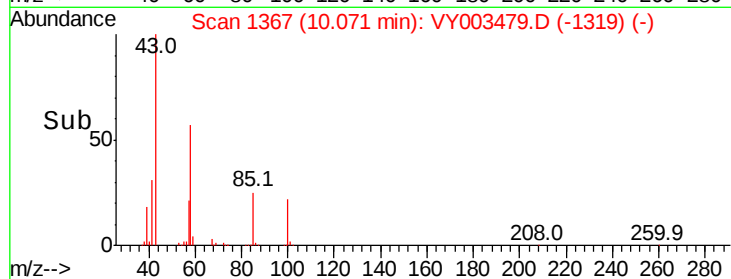
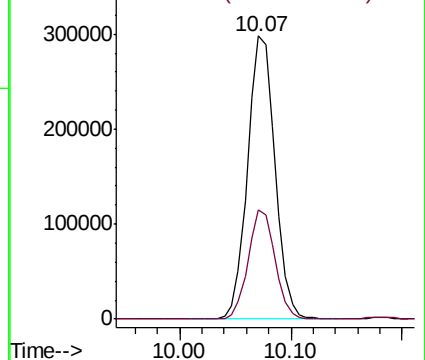
43 100

58 37.8 31.0 46.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 51.262 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VY003479.D

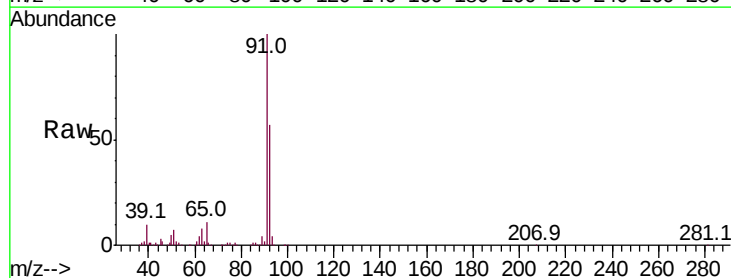
Acq: 02 Nov 2020 17:42

Tgt Ion: 92 Resp: 291820

Ion Ratio Lower Upper

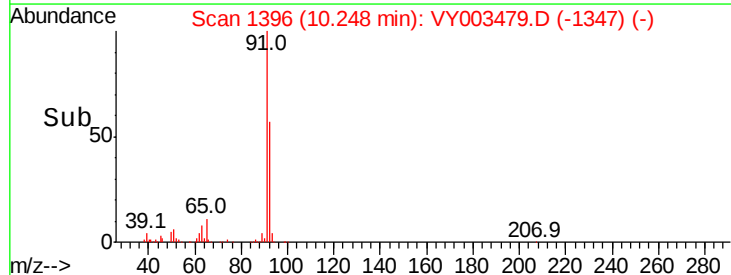
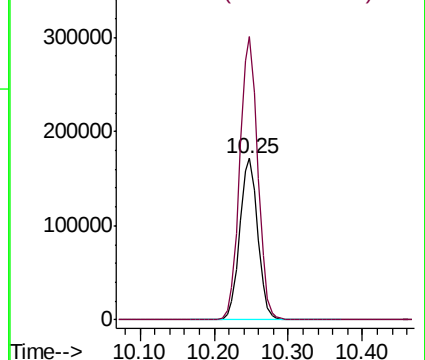
92 100

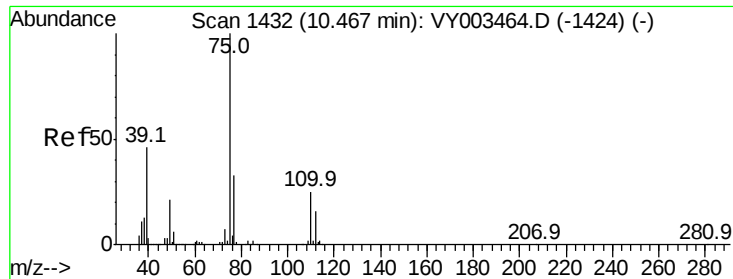
91 175.5 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





#53

t-1,3-Dichloropropene

Concen: 53.487 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003479.D

Acq: 02 Nov 2020 17:42

Instrument :

MSVOA_Y

ClientSampleId :

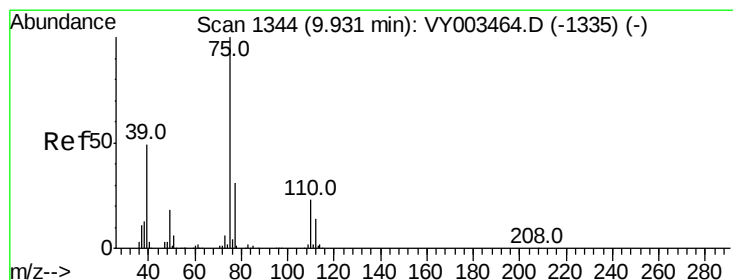
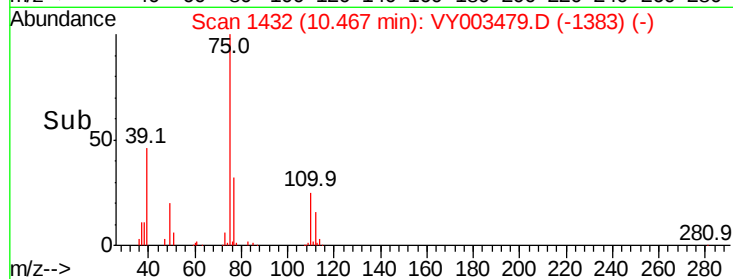
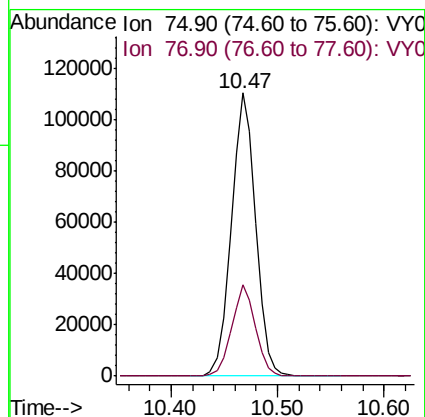
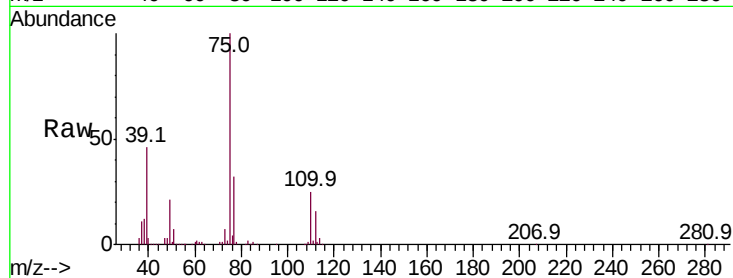
VSTDCCC050EC

Tot Ion: 75 Resp: 176174

Ion Ratio Lower Upper

75 100

77 32.1 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 53.295 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003479.D

Acq: 02 Nov 2020 17:42

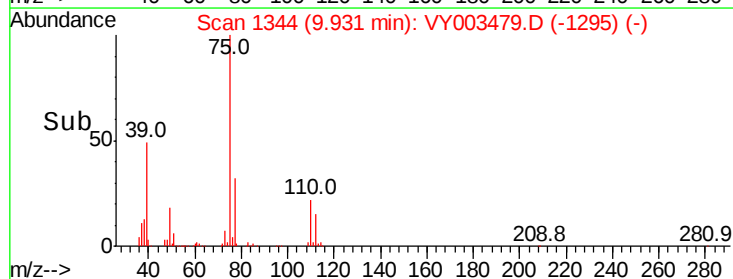
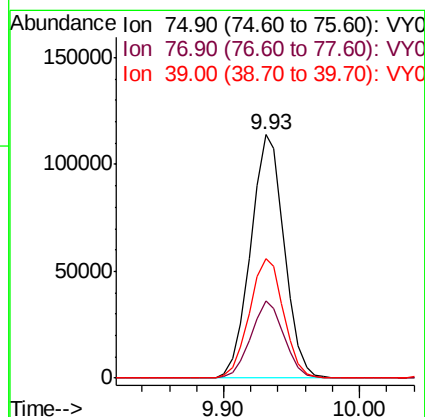
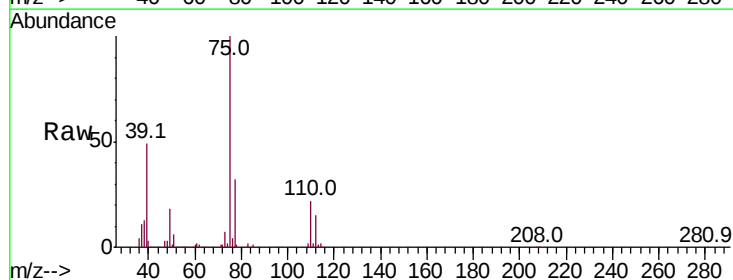
Tgt Ion: 75 Resp: 197534

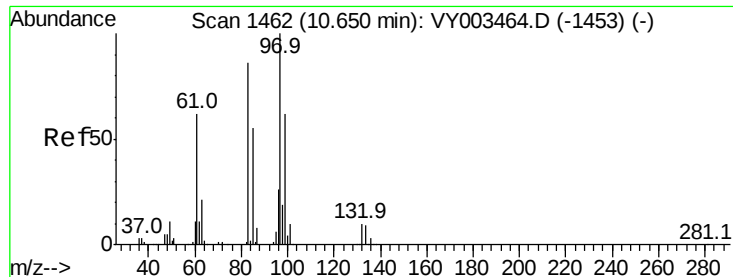
Ion Ratio Lower Upper

75 100

77 31.9 24.5 36.7

39 49.1 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 52.363 ug/l

RT: 10.65 min Scan# 1462

Delta R.T. -0.00 min

Lab File: VY003479.D

Acq: 02 Nov 2020 17:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 93995

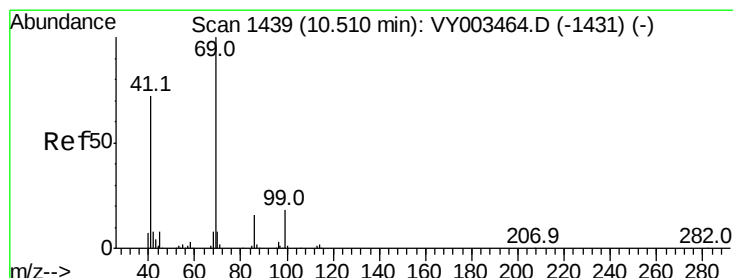
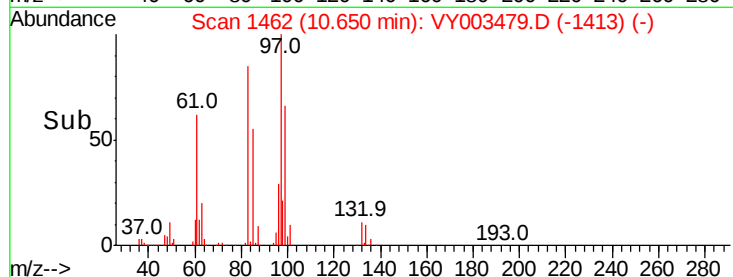
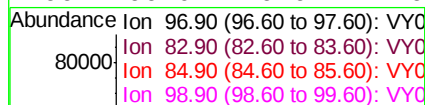
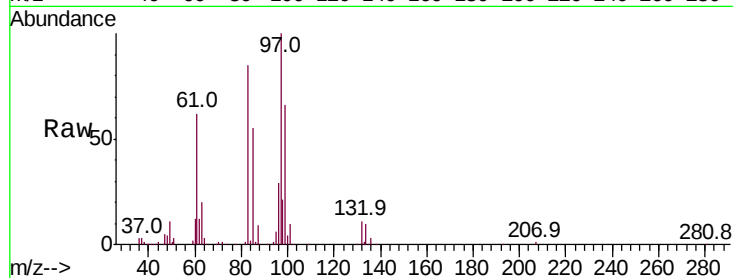
Ion Ratio Lower Upper

97 100

83 85.4 68.6 102.8

85 54.8 43.8 65.6

99 66.0 49.9 74.9



#56

Ethyl methacrylate

Concen: 54.728 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. -0.00 min

Lab File: VY003479.D

Acq: 02 Nov 2020 17:42

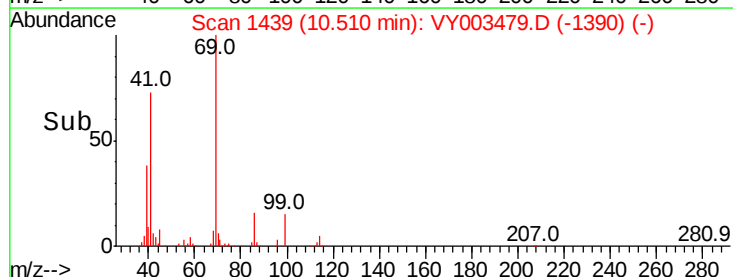
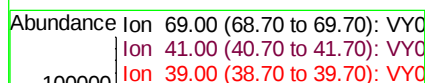
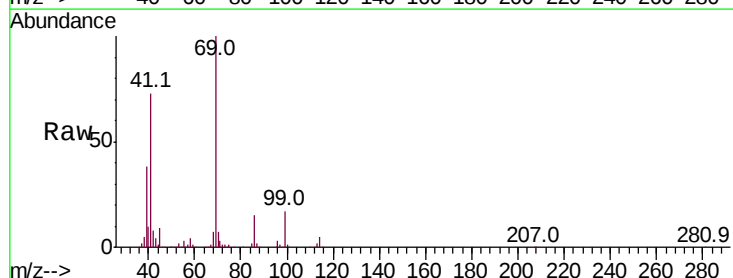
Tgt Ion: 69 Resp: 131588

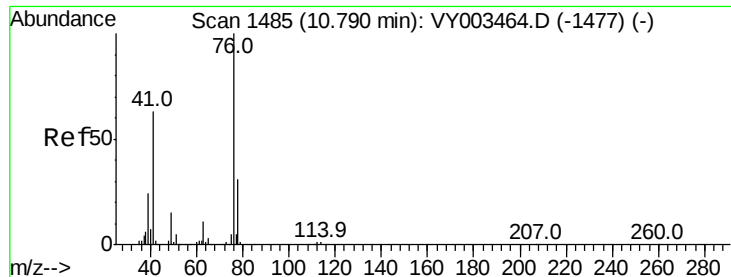
Ion Ratio Lower Upper

69 100

41 71.0 55.4 83.2

39 36.2 28.7 43.1





#57

1,3-Dichloropropane

Concen: 52.856 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003479.D

Acq: 02 Nov 2020 17:42

Instrument :

MSVOA_Y

ClientSampleId :

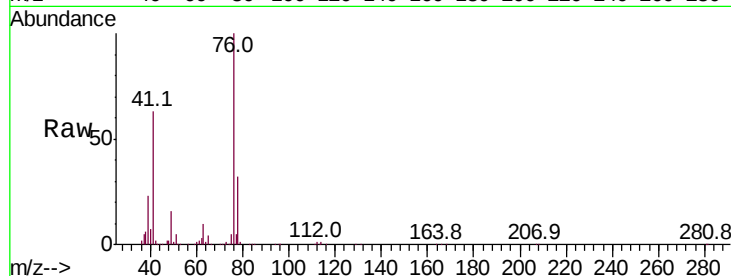
VSTDCCC050EC

Tot Ion: 76 Resp: 164981

Ion Ratio Lower Upper

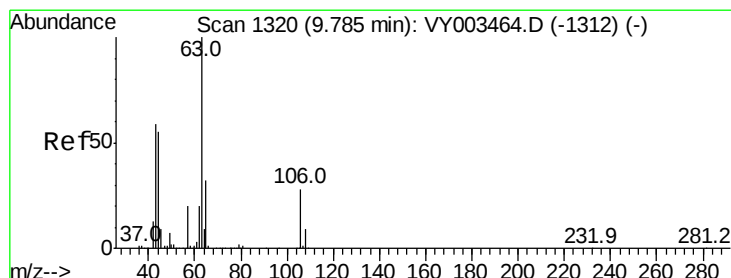
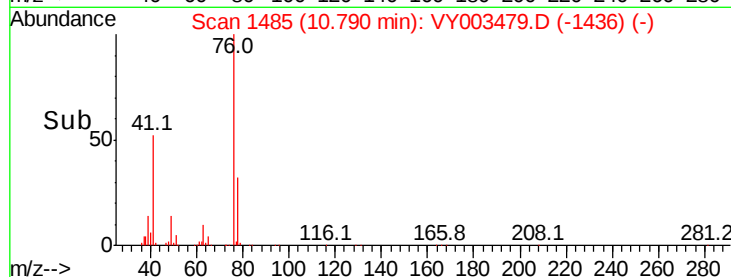
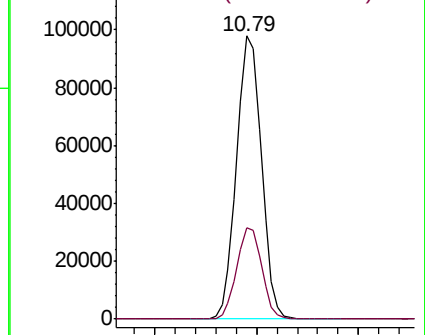
76 100

78 32.5 25.8 38.8



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: 260.055 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003479.D

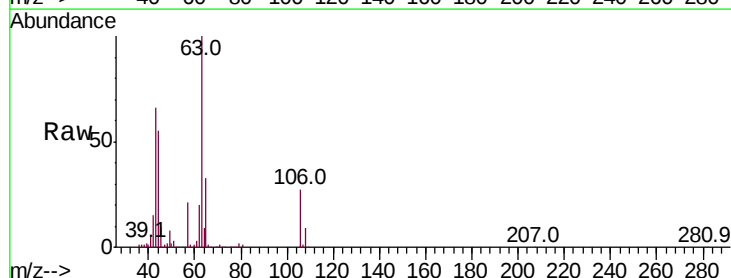
Acq: 02 Nov 2020 17:42

Tgt Ion: 63 Resp: 316976

Ion Ratio Lower Upper

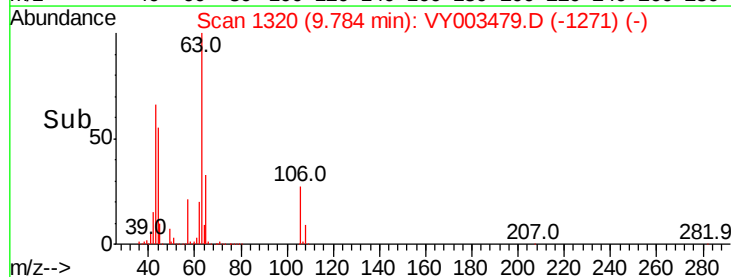
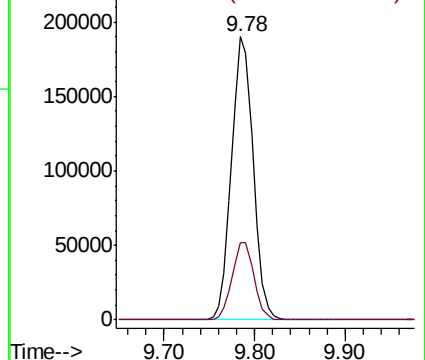
63 100

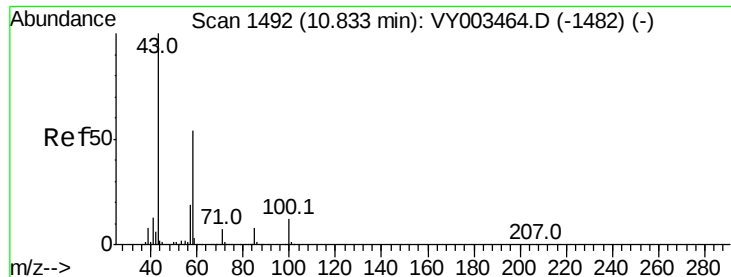
106 27.5 22.3 33.5



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

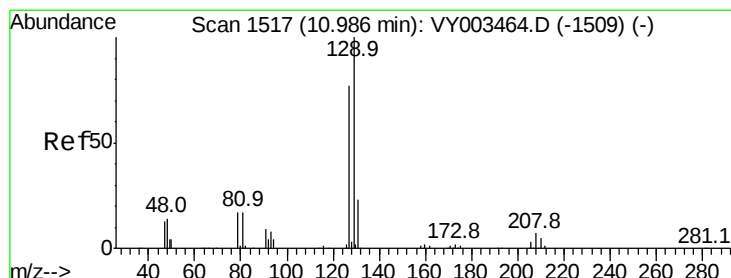
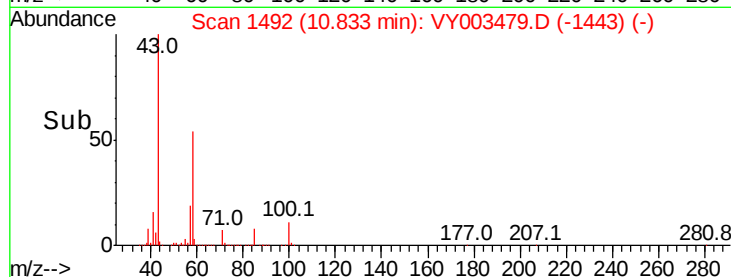
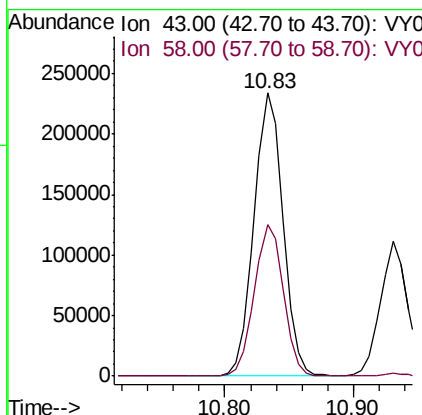
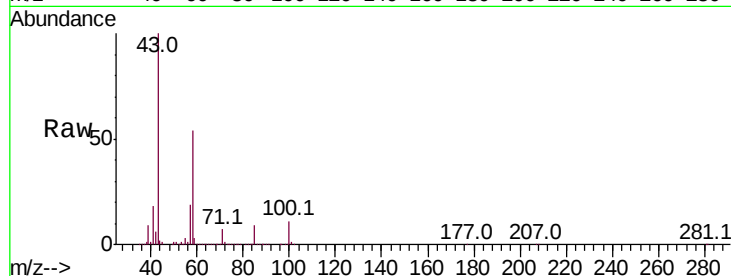




#59
2-Hexanone
Concen: 251.863 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003479.D
Acq: 02 Nov 2020 17:42

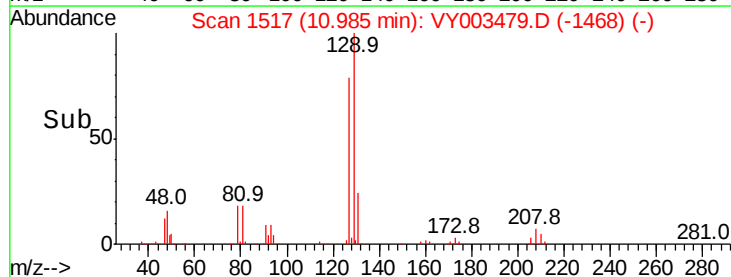
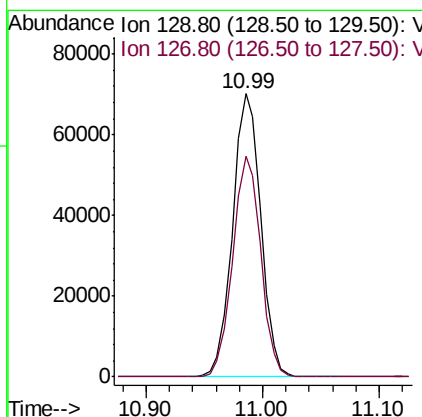
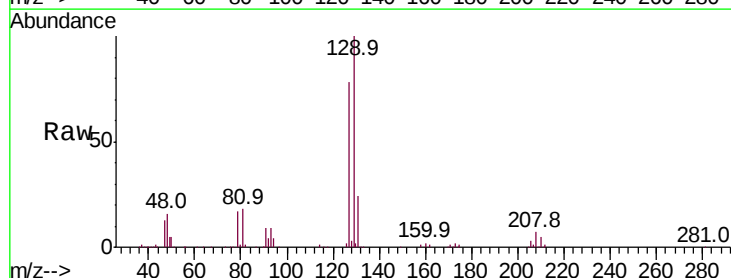
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

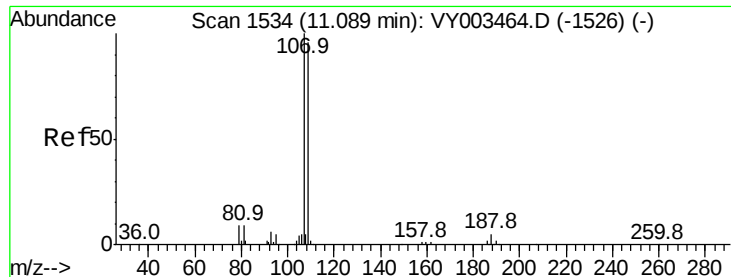
Tot Ion: 43 Resp: 362637
Ion Ratio Lower Upper
43 100
58 53.8 26.8 80.3



#60
Dibromochloromethane
Concen: 53.731 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003479.D
Acq: 02 Nov 2020 17:42

Tgt Ion: 129 Resp: 118544
Ion Ratio Lower Upper
129 100
127 77.3 38.8 116.3

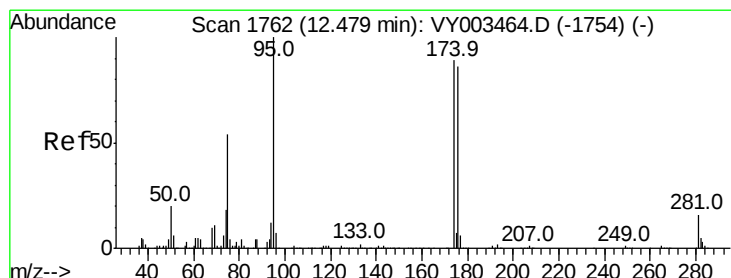
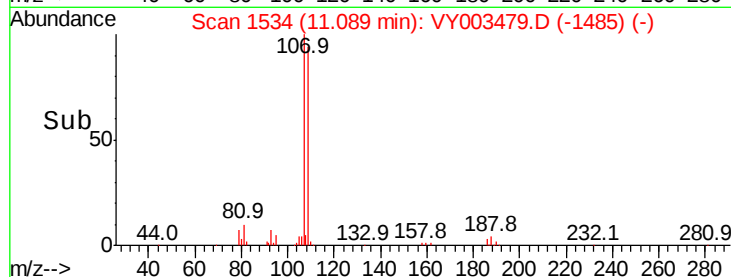
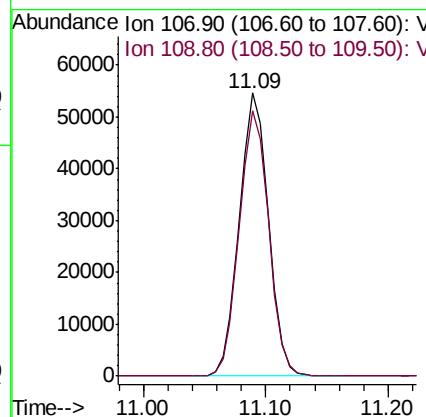
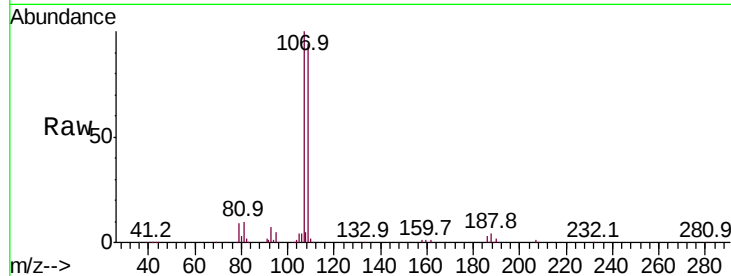




#61
 1,2-Dibromoethane
 Concen: 51.909 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003479.D
 Acq: 02 Nov 2020 17:42

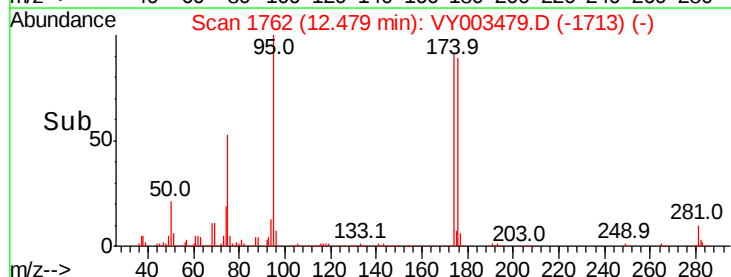
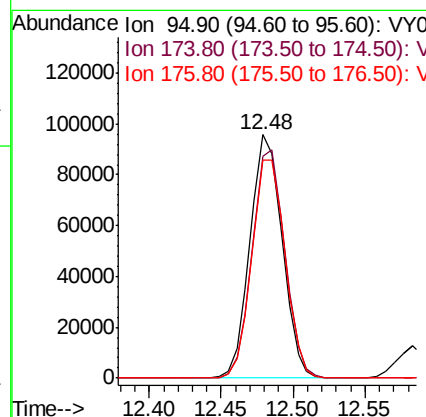
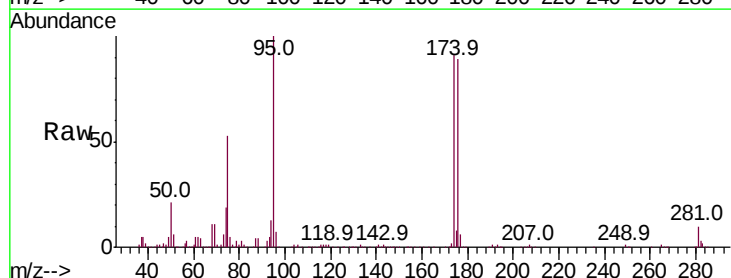
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

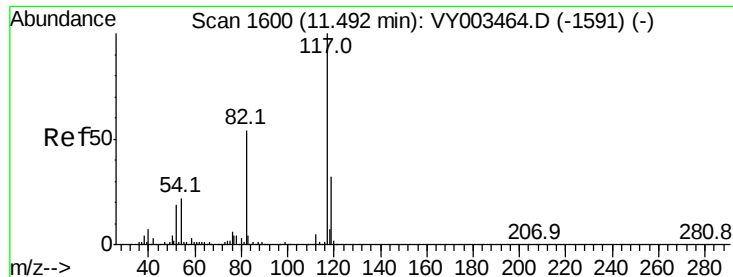
Tot Ion:107 Resp: 89958
 Ion Ratio Lower Upper
 107 100
 109 94.8 76.5 114.7



#62
 4-Bromofluorobenzene
 Concen: 50.863 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003479.D
 Acq: 02 Nov 2020 17:42

Tgt Ion: 95 Resp: 147989
 Ion Ratio Lower Upper
 95 100
 174 94.8 0.0 193.0
 176 92.5 0.0 187.4

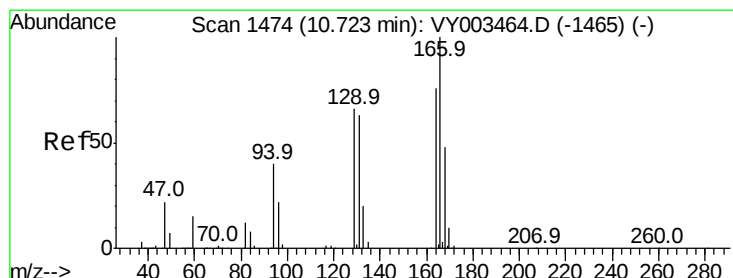
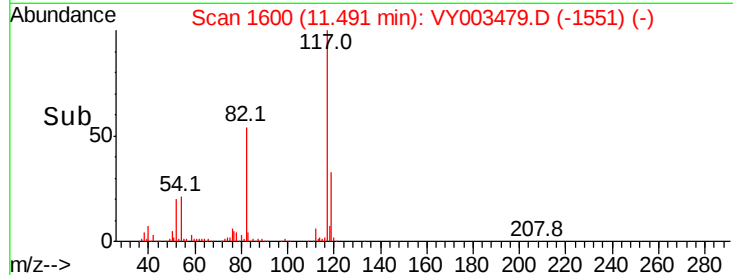
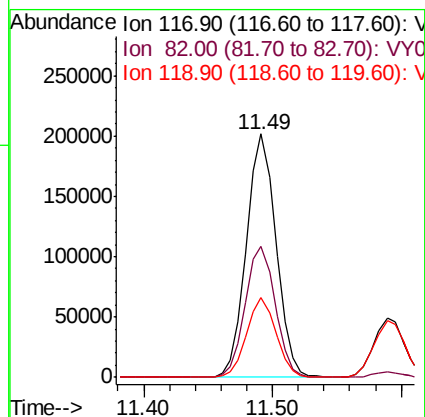
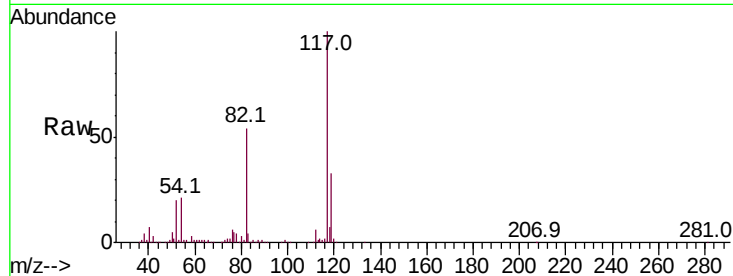




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003479.D
Acq: 02 Nov 2020 17:42

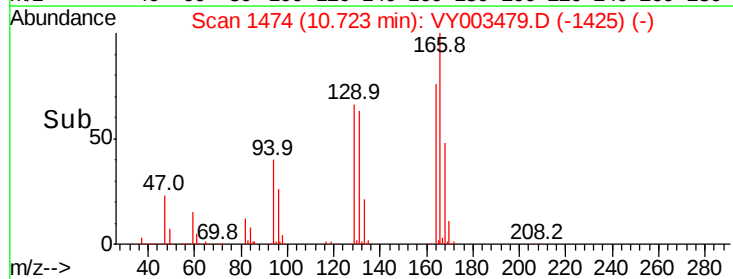
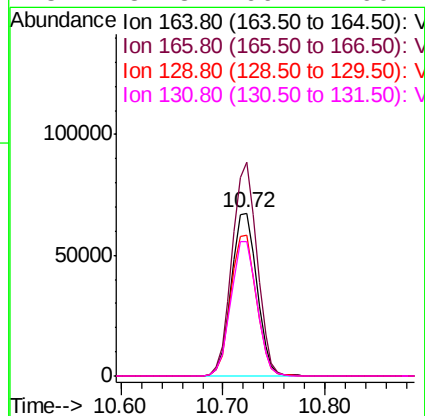
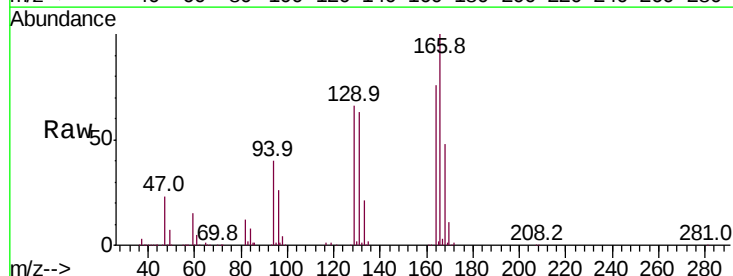
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

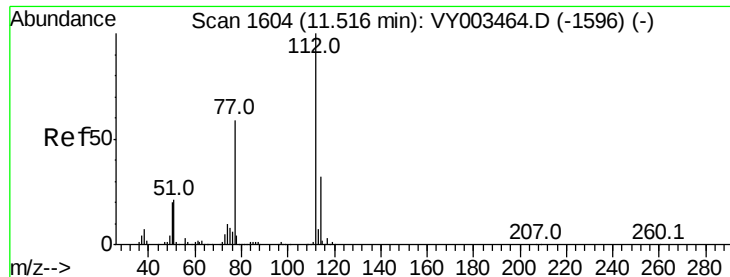
Tot Ion:117 Resp: 321265
Ion Ratio Lower Upper
117 100
82 53.9 43.4 65.2
119 32.6 25.8 38.6



#64
Tetrachloroethene
Concen: 48.904 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VY003479.D
Acq: 02 Nov 2020 17:42

Tgt Ion:164 Resp: 117333
Ion Ratio Lower Upper
164 100
166 131.1 104.9 157.3
129 86.3 68.9 103.3
131 82.3 66.2 99.2





#65

Chlorobenzene

Concen: 50.299 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VY003479.D

Acq: 02 Nov 2020 17:42

Instrument :

MSVOA_Y

ClientSampleId :

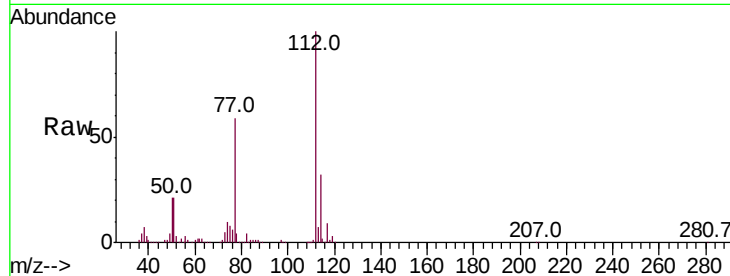
VSTDCCC050EC

Tot Ion:112 Resp: 313934

Ion Ratio Lower Upper

112 100

114 32.3 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.52

200000

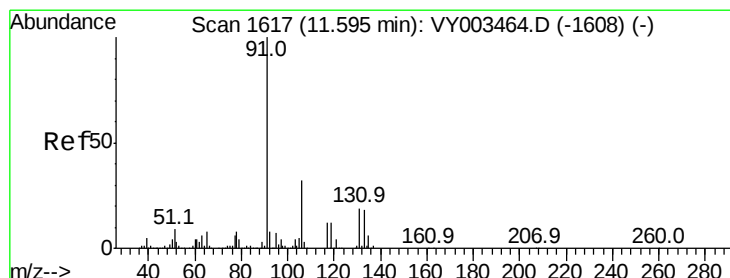
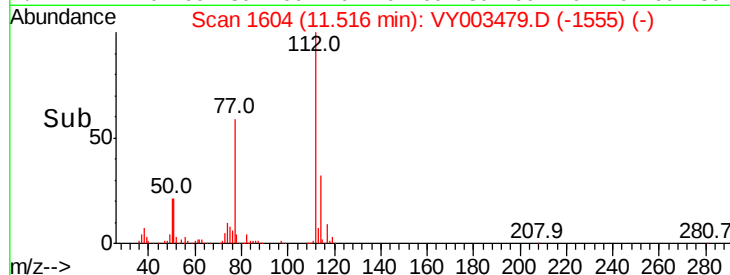
150000

100000

50000

0

Time--> 11.40 11.50 11.60



#66

1,1,1,2-Tetrachloroethane

Concen: 51.683 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.01 min

Lab File: VY003479.D

Acq: 02 Nov 2020 17:42

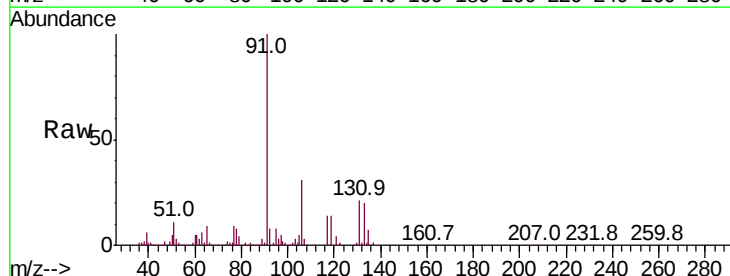
Tgt Ion:131 Resp: 121652

Ion Ratio Lower Upper

131 100

133 96.1 47.4 142.2

119 64.0 31.6 95.0



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

100000

80000

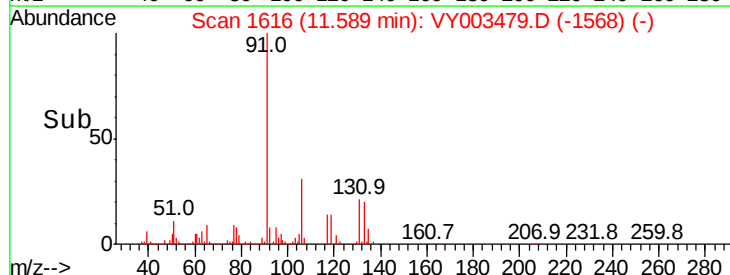
60000

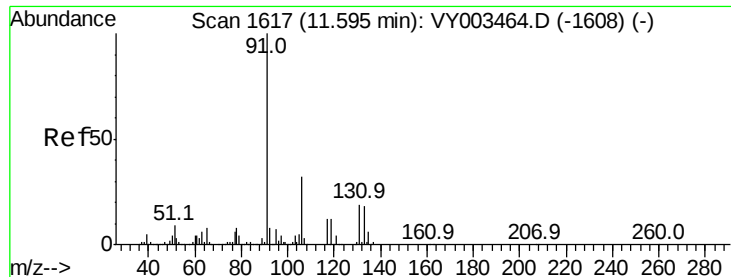
40000

20000

0

Time--> 11.50 11.60

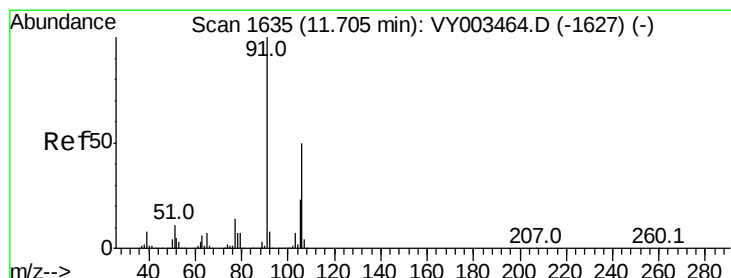
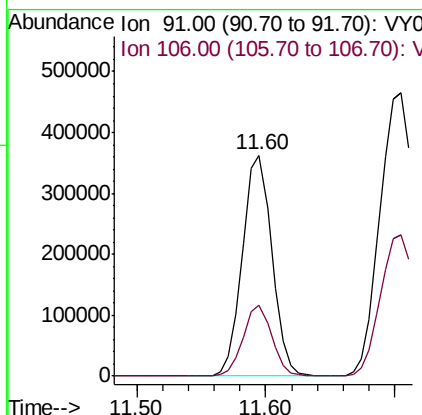
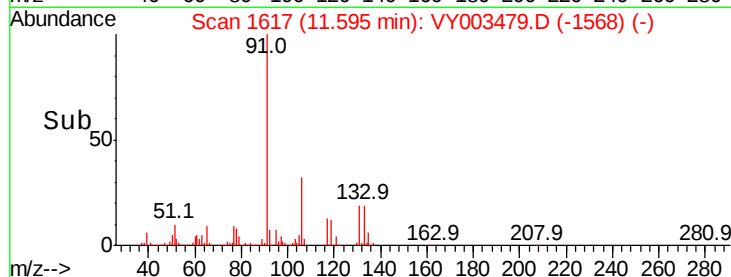
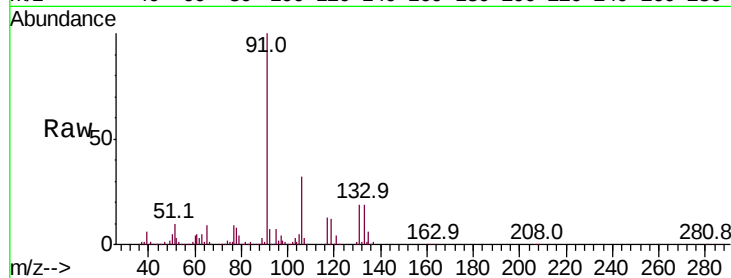




#67
Ethyl Benzene
Concen: 50.748 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY003479.D
Acq: 02 Nov 2020 17:42

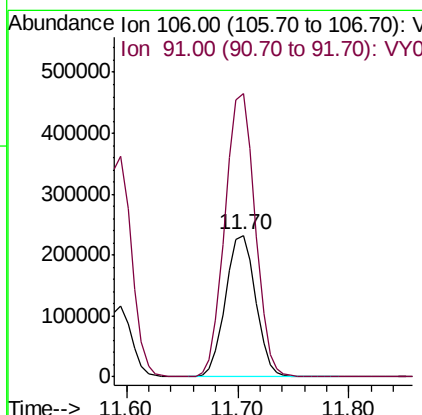
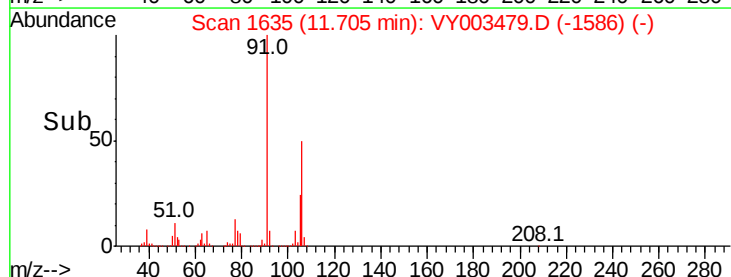
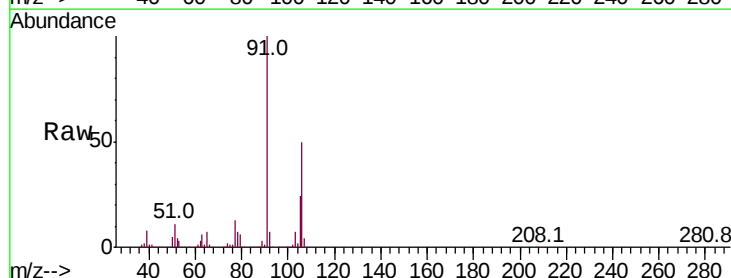
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

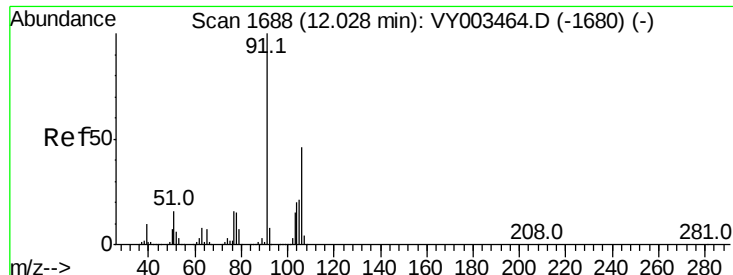
Tot Ion: 91 Resp: 574332
Ion Ratio Lower Upper
91 100
106 31.9 25.4 38.0



#68
m/p-Xylenes
Concen: 101.870 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VY003479.D
Acq: 02 Nov 2020 17:42

Tgt Ion: 106 Resp: 436898
Ion Ratio Lower Upper
106 100
91 200.1 161.0 241.6

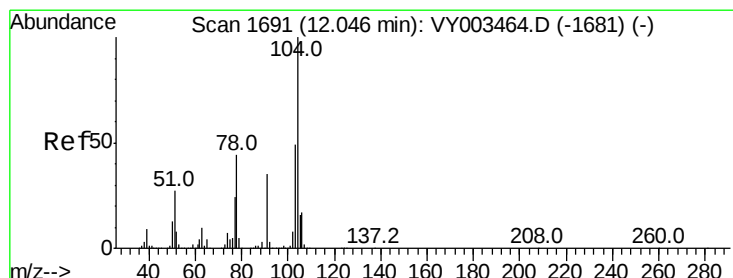
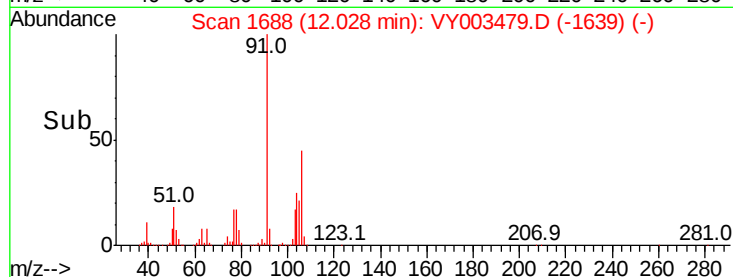
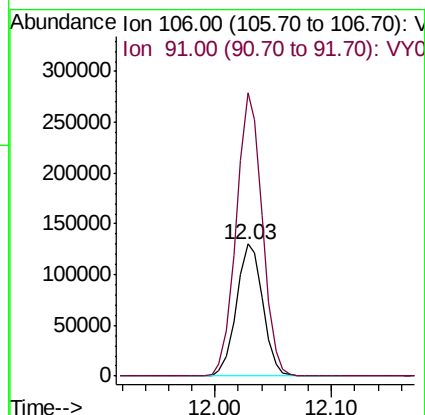
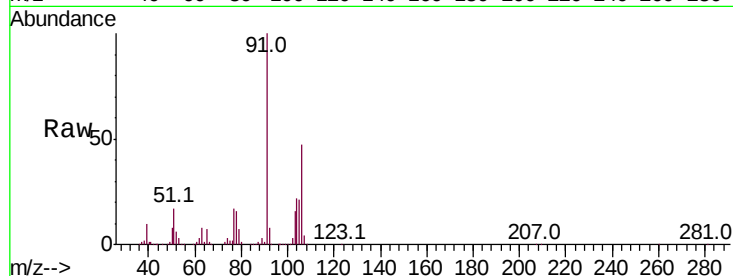




#69
o-Xylene
Concen: 51.969 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003479.D
Acq: 02 Nov 2020 17:42

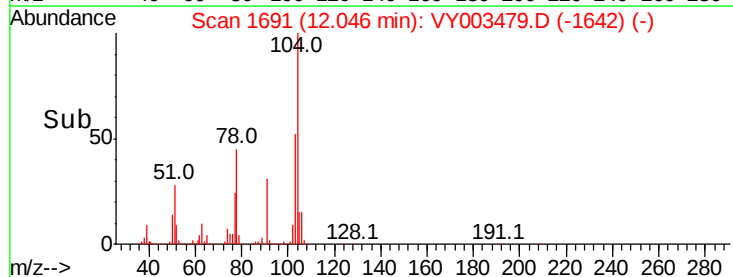
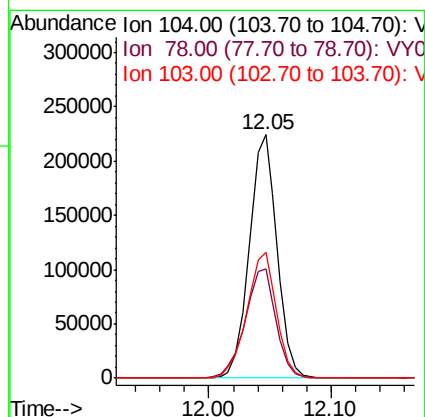
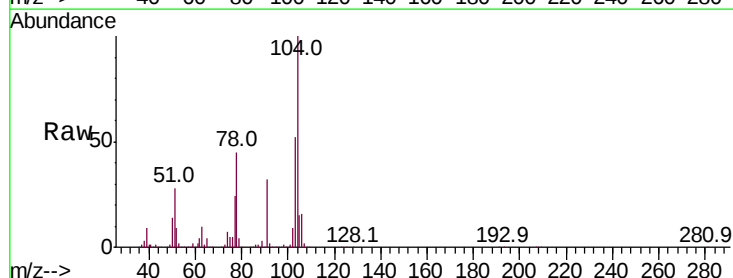
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

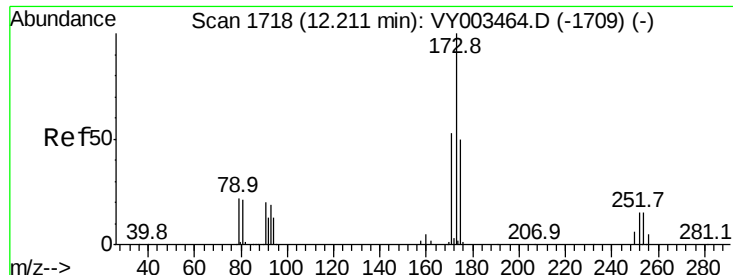
Tot Ion:106 Resp: 205026
Ion Ratio Lower Upper
106 100
91 211.9 105.5 316.5



#70
Styrene
Concen: 52.691 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VY003479.D
Acq: 02 Nov 2020 17:42

Tgt Ion:104 Resp: 352952
Ion Ratio Lower Upper
104 100
78 49.7 39.5 59.3
103 55.1 44.2 66.2





#71

Bromoform

Concen: 51.872 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.00 min

Lab File: VY003479.D

Acq: 02 Nov 2020 17:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

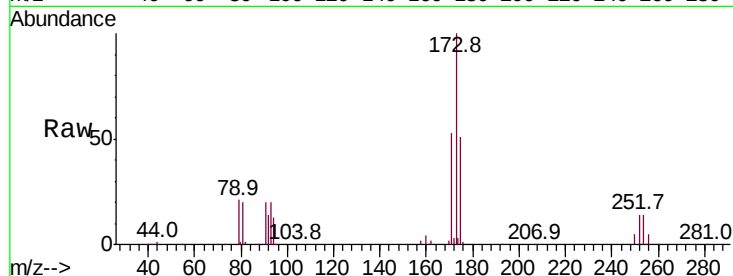
Tot Ion:173 Resp: 81383

Ion Ratio Lower Upper

173 100

175 48.7 24.7 74.1

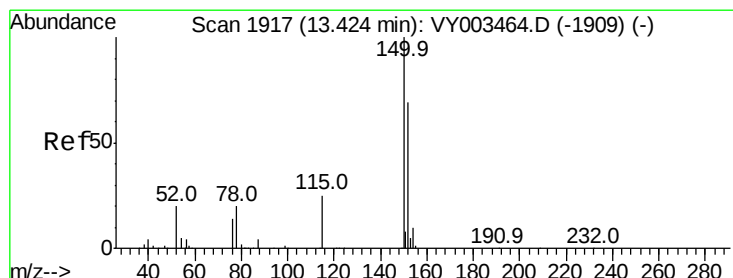
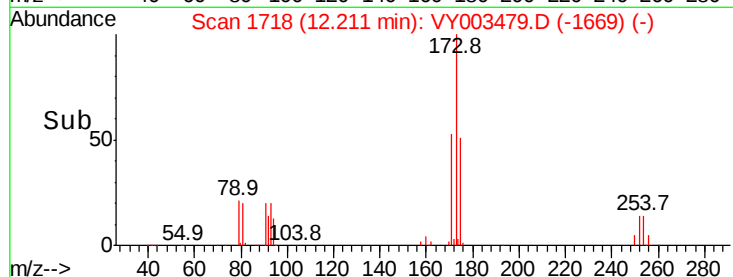
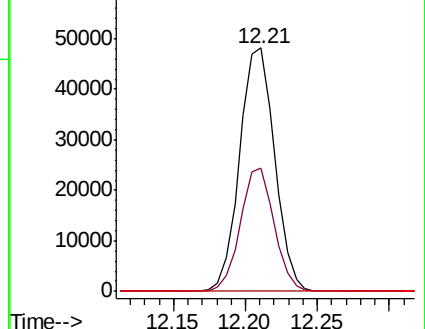
254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY003479.D

Acq: 02 Nov 2020 17:42

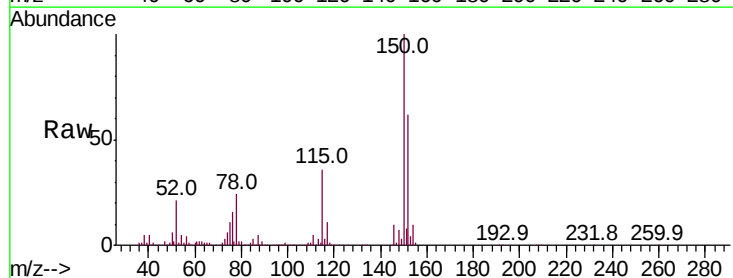
Tgt Ion:152 Resp: 171475

Ion Ratio Lower Upper

152 100

115 55.0 27.5 82.4

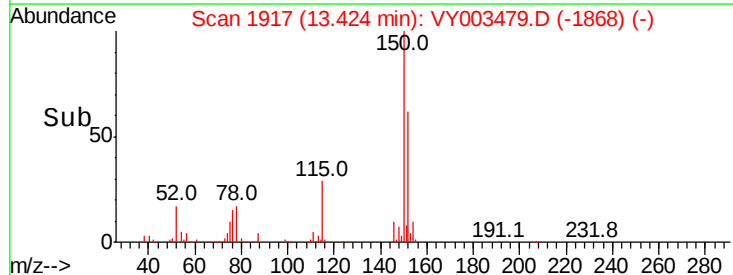
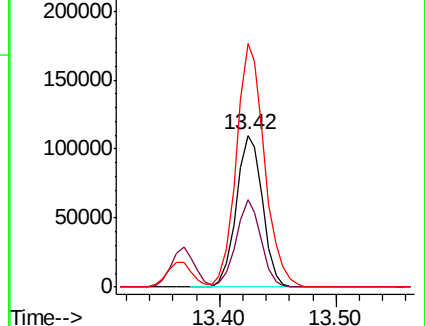
150 172.6 0.0 345.8

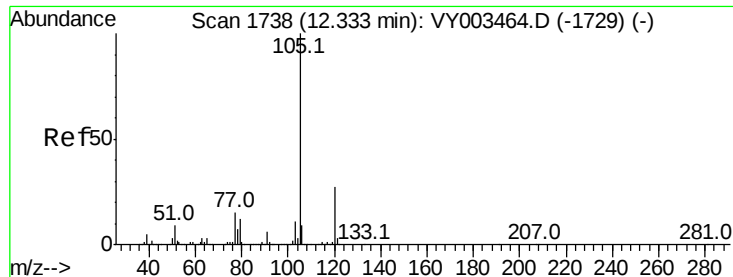


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.927 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.01 min

Lab File: VY003479.D

Acq: 02 Nov 2020 17:42

Instrument :

MSVOA_Y

ClientSampleId :

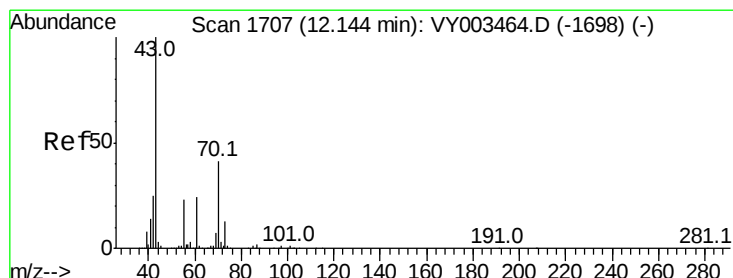
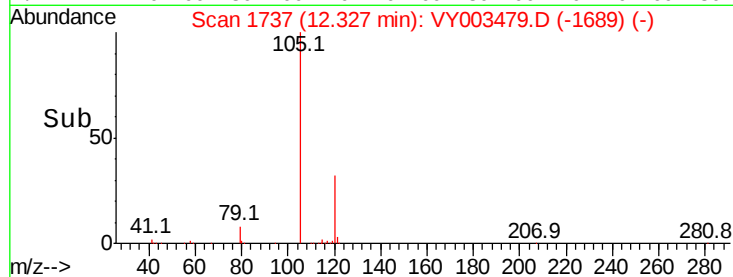
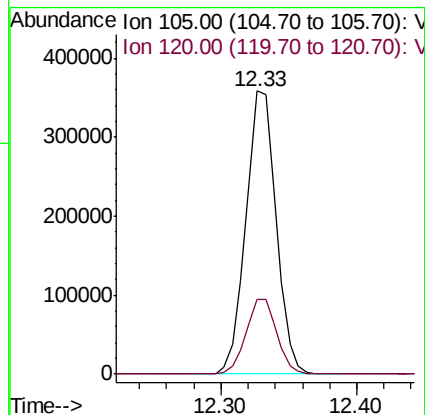
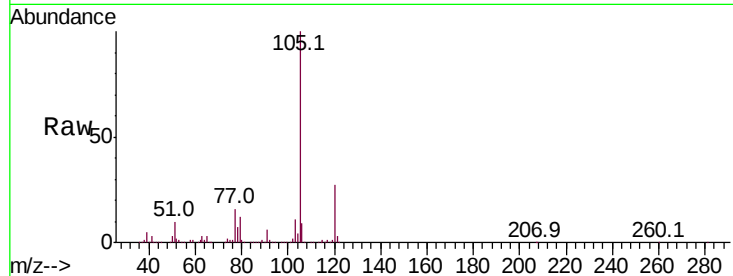
VSTDCCC050EC

Tot Ion:105 Resp: 559249

Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.5



#74

N-ethyl acetate

Concen: 53.450 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003479.D

Acq: 02 Nov 2020 17:42

Tgt Ion: 43 Resp: 169589

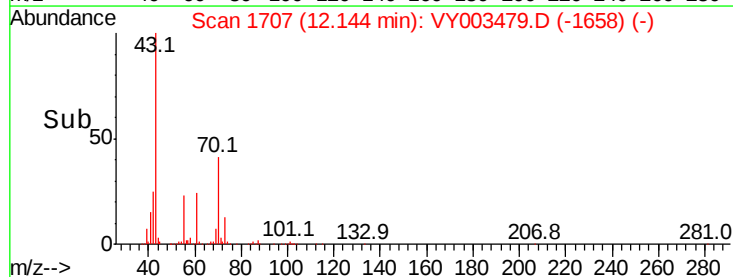
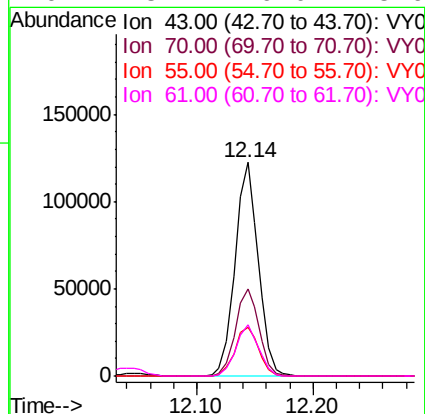
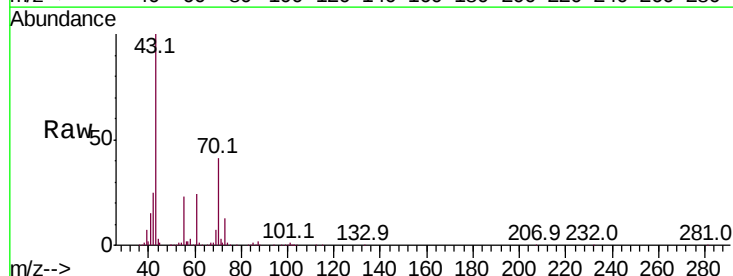
Ion Ratio Lower Upper

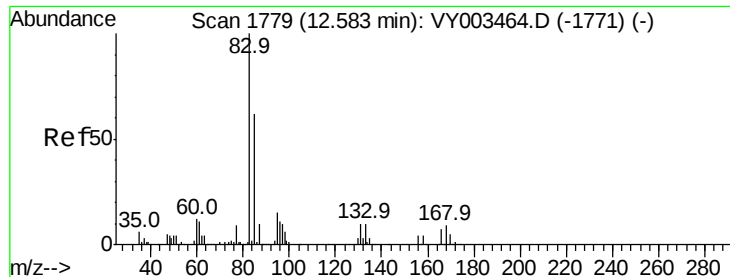
43 100

70 41.5 33.1 49.7

55 23.8 19.2 28.8

61 23.7 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 50.140 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003479.D

Acq: 02 Nov 2020 17:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

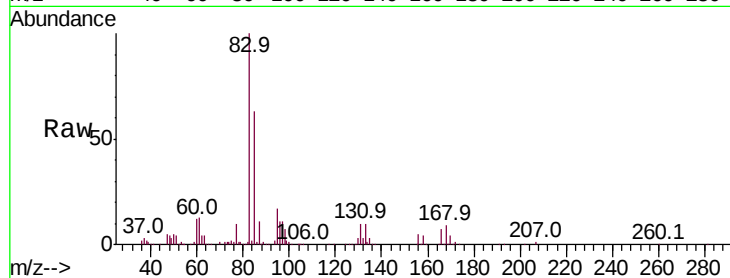
Tot Ion: 83 Resp: 119964

Ion Ratio Lower Upper

83 100

131 10.8 5.4 16.2

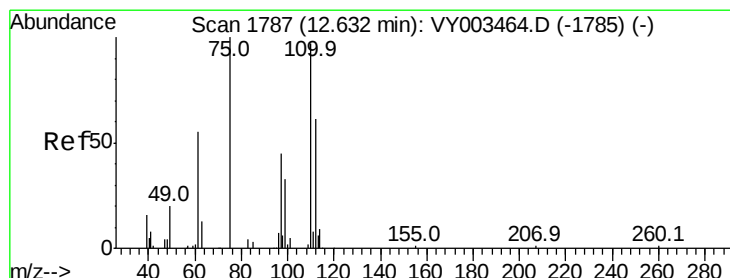
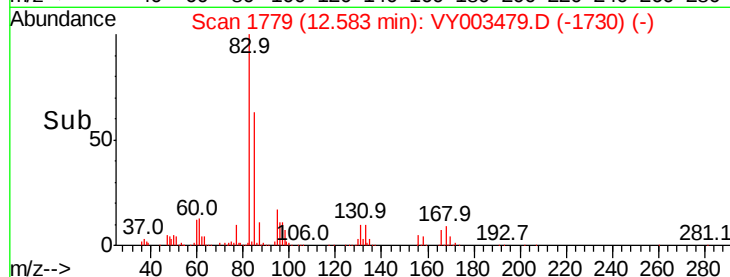
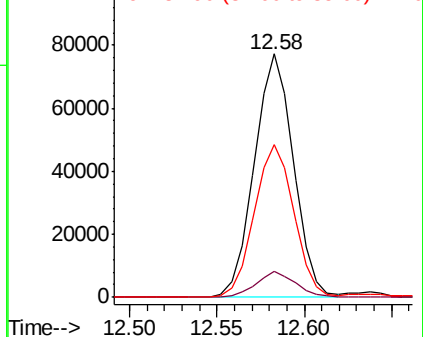
85 63.7 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 87.692 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003479.D

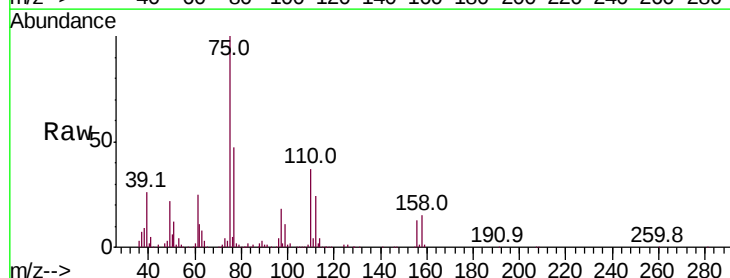
Acq: 02 Nov 2020 17:42

Tgt Ion: 75 Resp: 159102

Ion Ratio Lower Upper

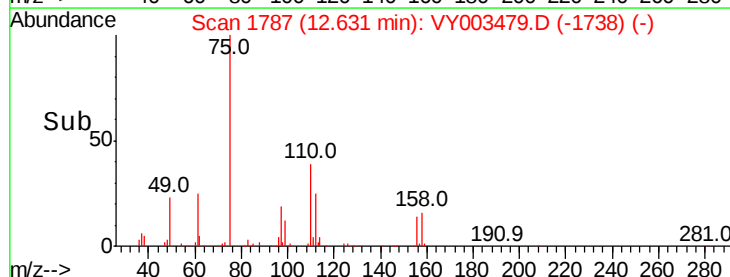
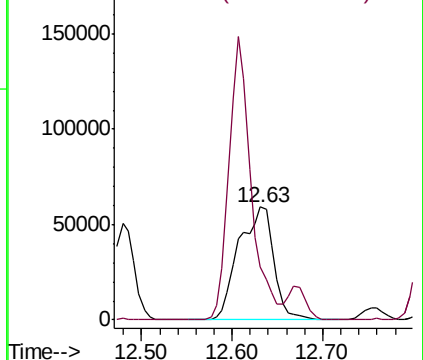
75 100

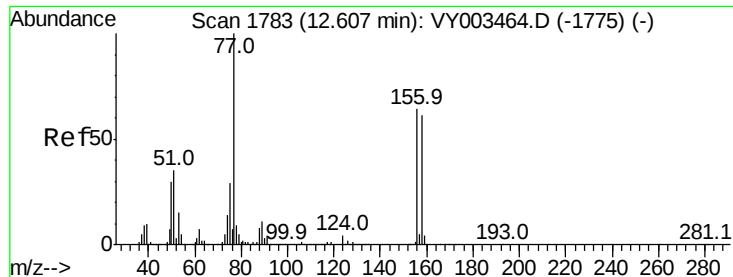
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 50.010 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003479.D

Acq: 02 Nov 2020 17:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

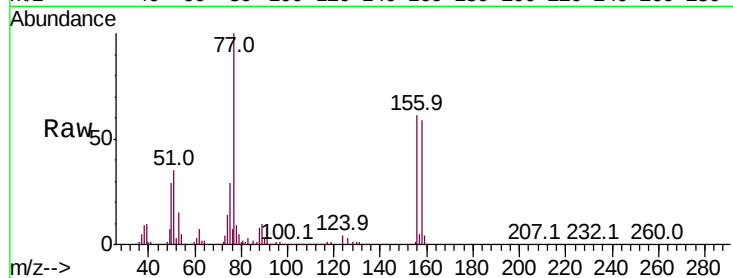
Tot Ion:156 Resp: 142327

Ion Ratio Lower Upper

156 100

77 176.8 87.0 260.9

158 97.3 48.7 146.1



Abundance Ion 155.80 (155.50 to 156.50): V

200000 Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V

150000

100000

50000

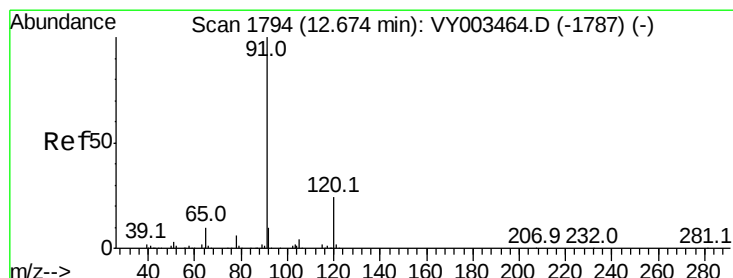
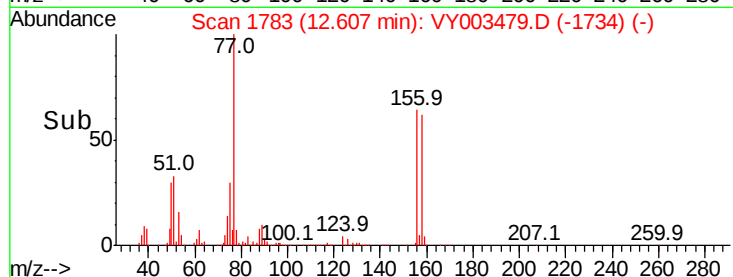
0

12.61

12.60

12.70

Time-->



#78

n-propylbenzene

Concen: 50.440 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.01 min

Lab File: VY003479.D

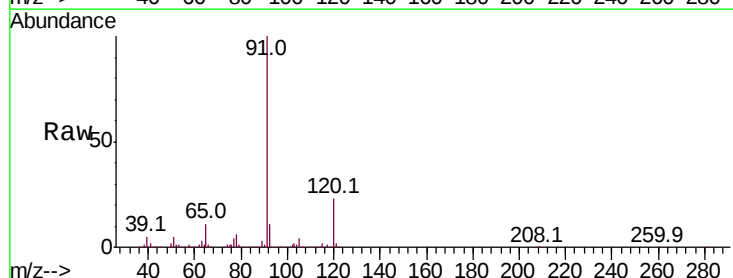
Acq: 02 Nov 2020 17:42

Tgt Ion: 91 Resp: 665503

Ion Ratio Lower Upper

91 100

120 23.2 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

500000 Ion 120.00 (119.70 to 120.70): V

400000

300000

200000

100000

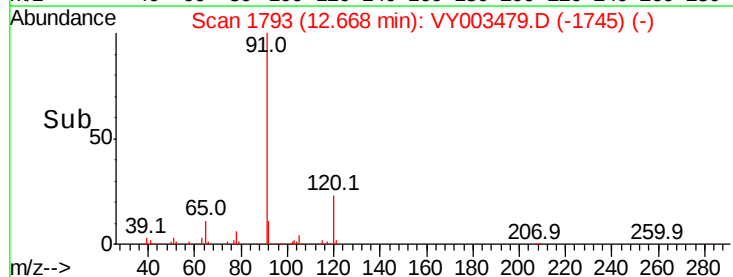
0

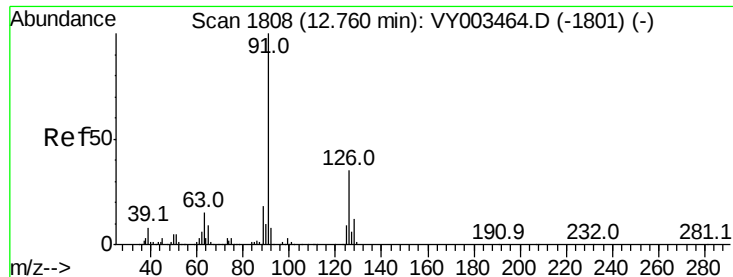
12.67

12.60

12.70

Time-->

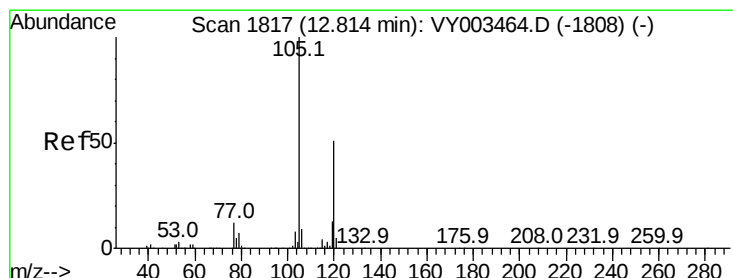
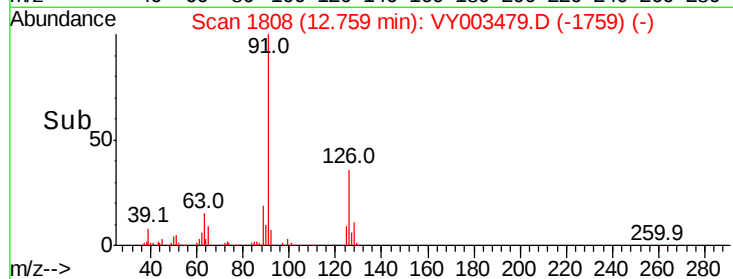
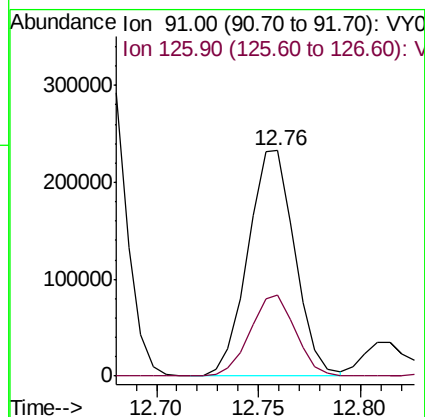
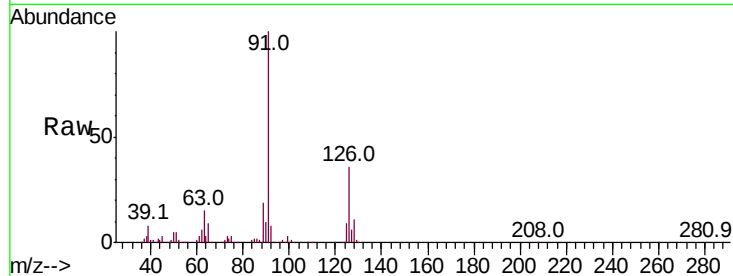




#79
 2-Chlorotoluene
 Concen: 50.417 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. -0.00 min
 Lab File: VY003479.D
 Acq: 02 Nov 2020 17:42

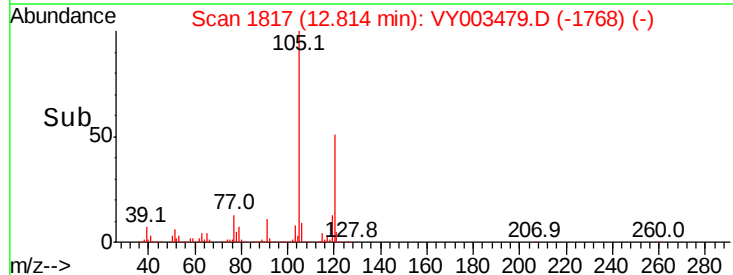
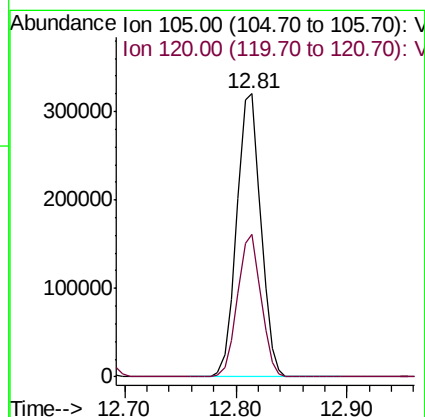
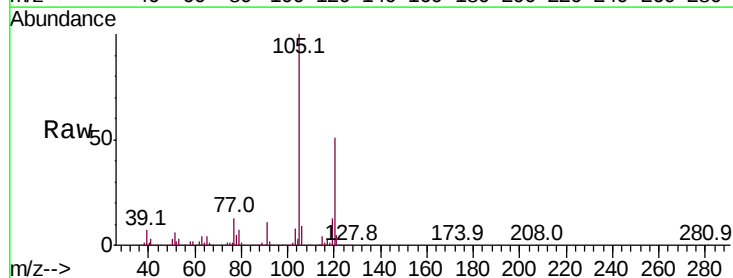
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

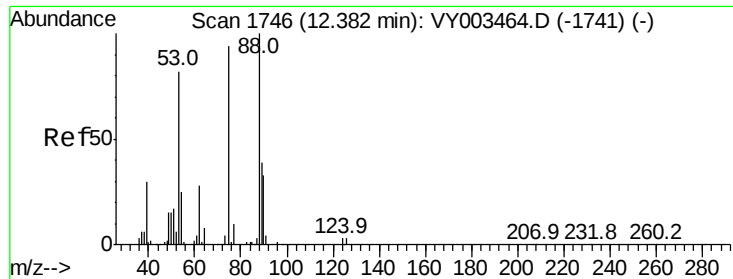
Tot Ion: 91 Resp: 371647
 Ion Ratio Lower Upper
 91 100
 126 34.8 17.8 53.3



#80
 1,3,5-Trimethylbenzene
 Concen: 51.551 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: VY003479.D
 Acq: 02 Nov 2020 17:42

Tgt Ion: 105 Resp: 478428
 Ion Ratio Lower Upper
 105 100
 120 49.3 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 47.717 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.00 min

Lab File: VY003479.D

Acq: 02 Nov 2020 17:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

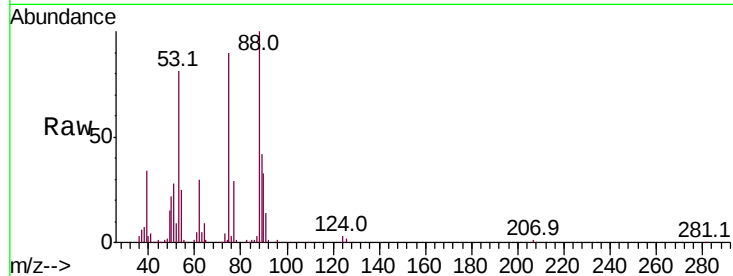
Tot Ion: 75 Resp: 41479

Ion Ratio Lower Upper

75 100

53 95.6 74.7 112.1

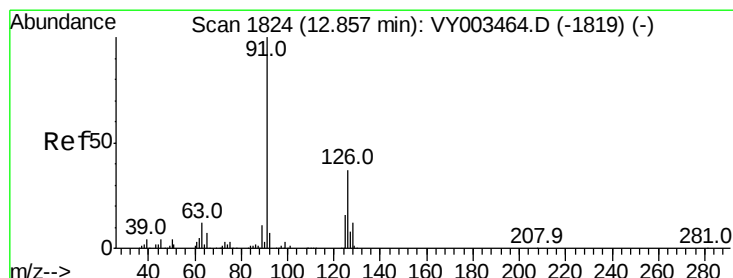
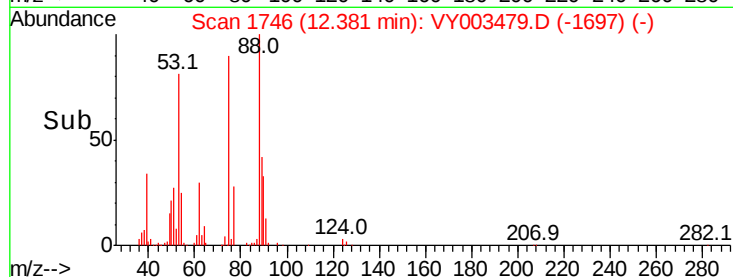
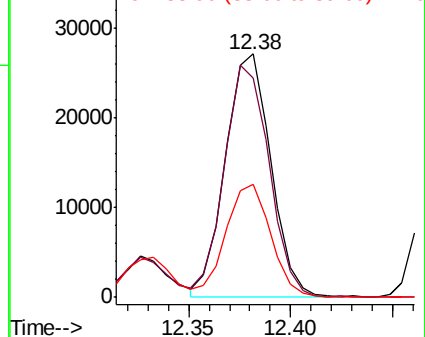
89 46.6 35.8 53.8



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 50.640 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.00 min

Lab File: VY003479.D

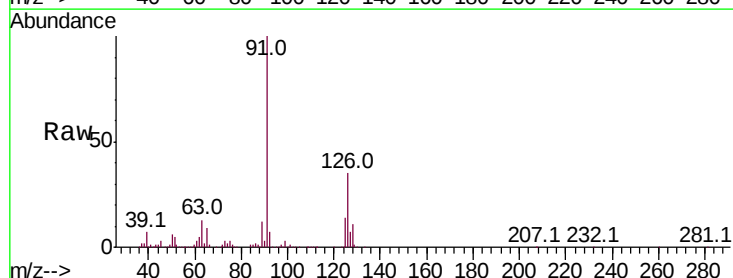
Acq: 02 Nov 2020 17:42

Tgt Ion: 91 Resp: 390094

Ion Ratio Lower Upper

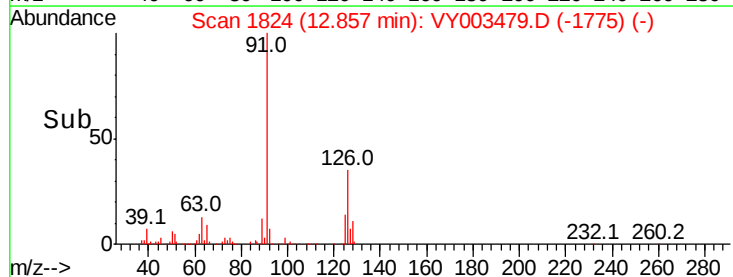
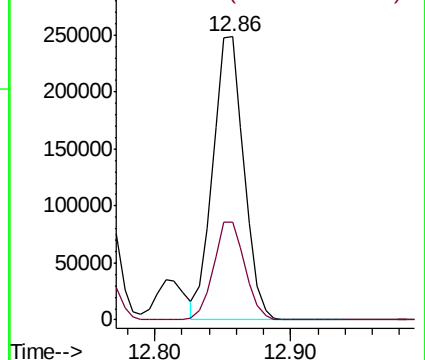
91 100

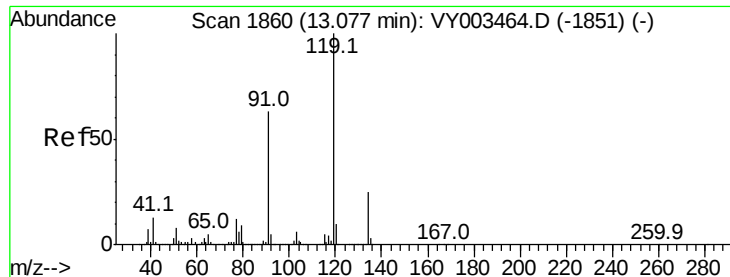
126 35.1 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 51.081 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. -0.00 min

Lab File: VY003479.D

Acq: 02 Nov 2020 17:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

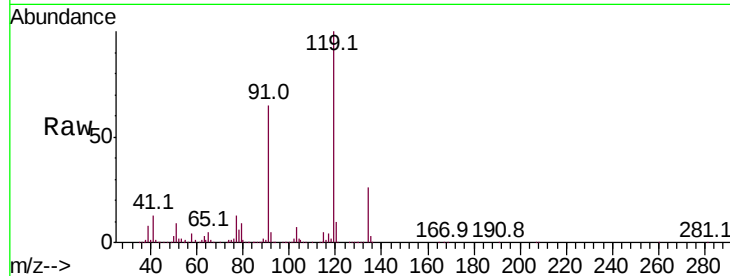
Tot Ion:119 Resp: 420449

Ion Ratio Lower Upper

119 100

91 63.1 31.1 93.2

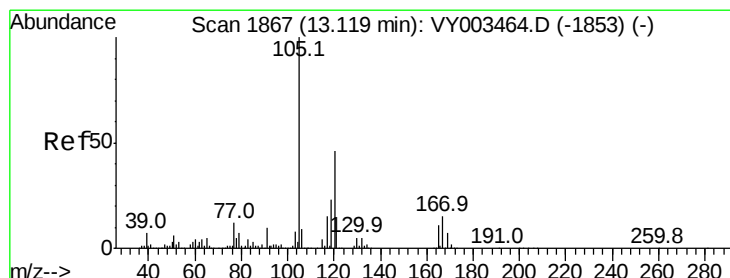
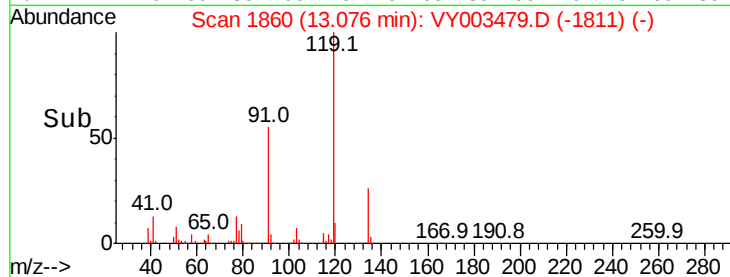
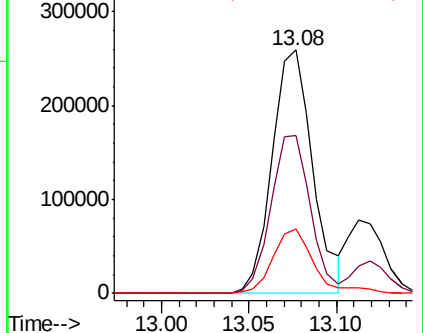
134 27.0 13.4 40.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 51.570 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY003479.D

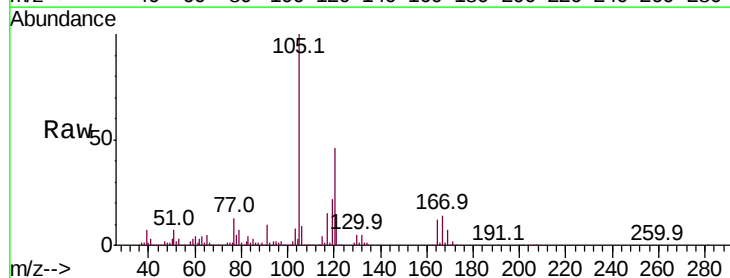
Acq: 02 Nov 2020 17:42

Tgt Ion:105 Resp: 478342

Ion Ratio Lower Upper

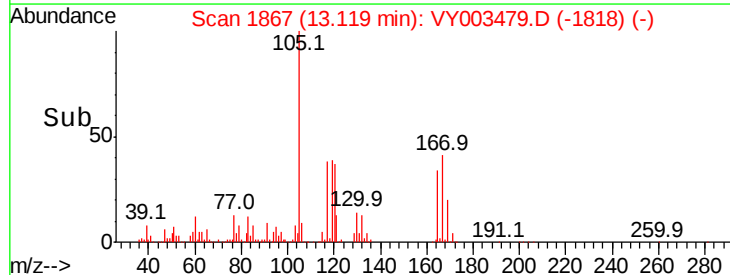
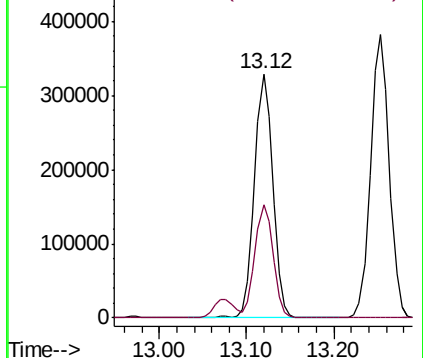
105 100

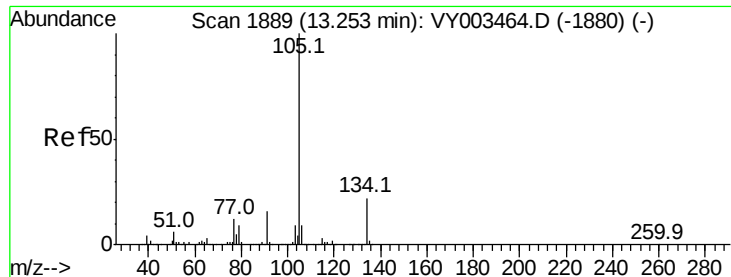
120 45.8 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 50.932 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003479.D

Acq: 02 Nov 2020 17:42

Instrument :

MSVOA_Y

ClientSampleId :

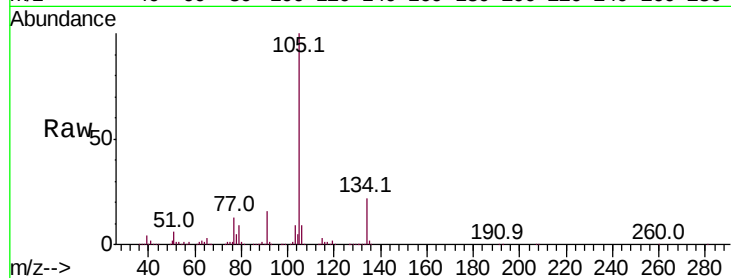
VSTDCCC050EC

Tot Ion:105 Resp: 567646

Ion Ratio Lower Upper

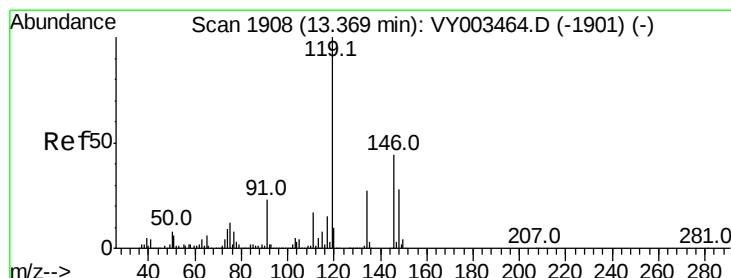
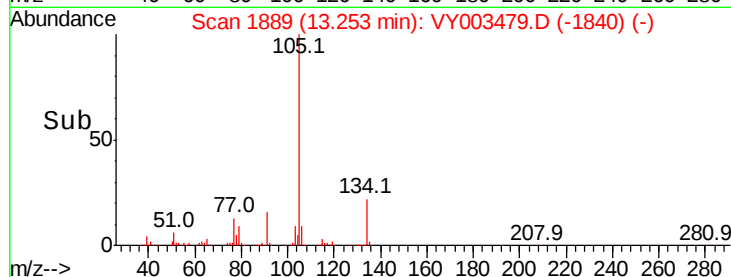
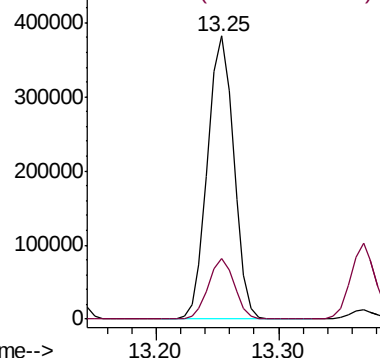
105 100

134 21.1 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.996 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003479.D

Acq: 02 Nov 2020 17:42

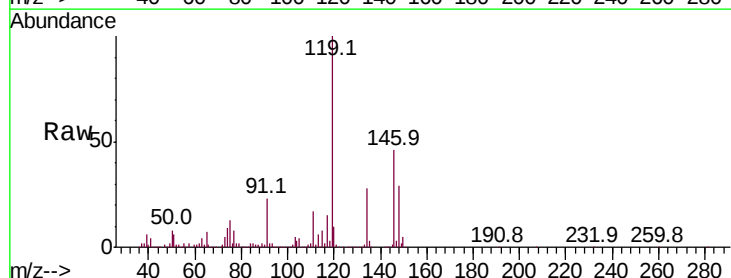
Tgt Ion:119 Resp: 527105

Ion Ratio Lower Upper

119 100

134 27.4 13.6 40.7

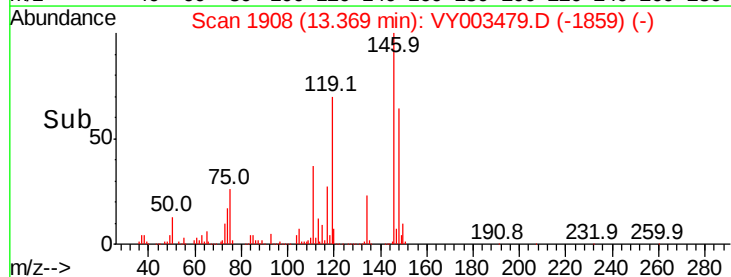
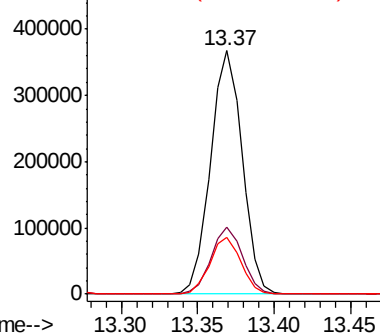
91 23.1 11.4 34.2

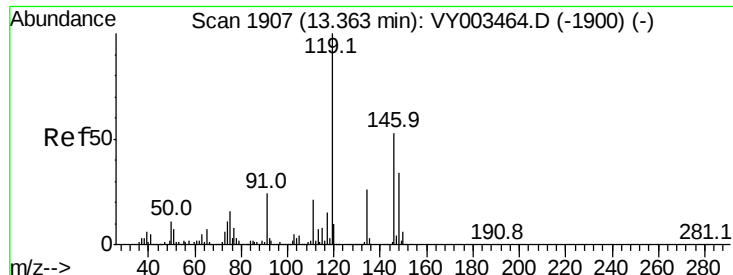


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 51.134 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.00 min

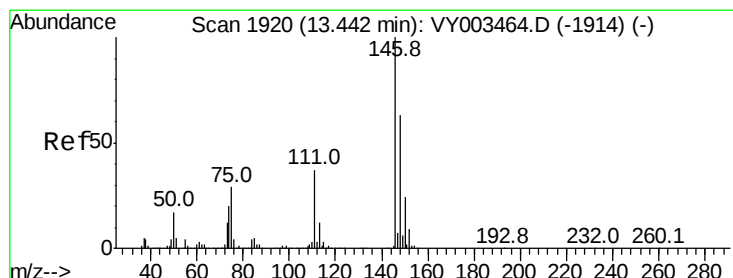
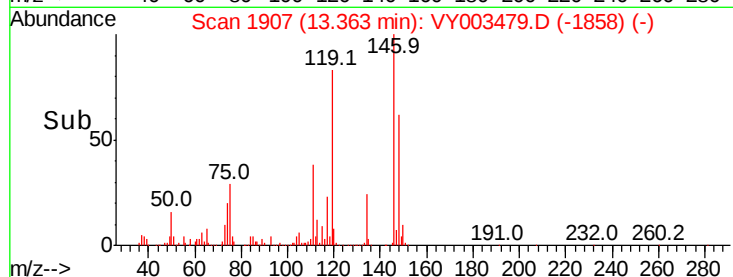
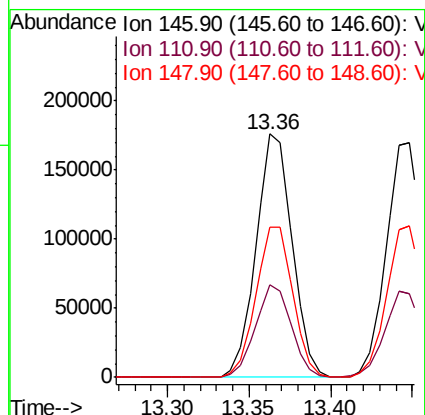
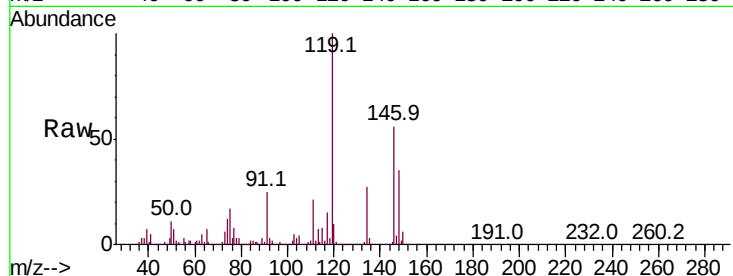
Lab File: VY003479.D

Acq: 02 Nov 2020 17:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:146 Resp: 271096

Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.1	57.1
148	63.1	32.4	97.0



#88

1,4-Dichlorobenzene

Concen: 50.534 ug/l

RT: 13.45 min Scan# 1921

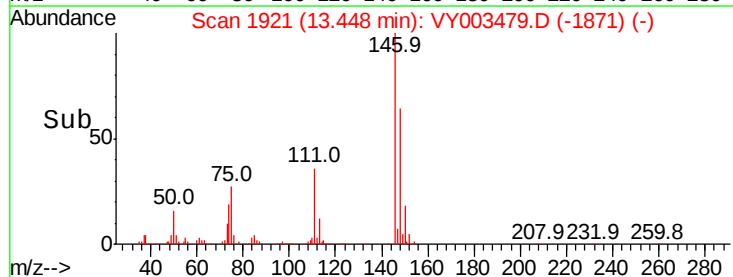
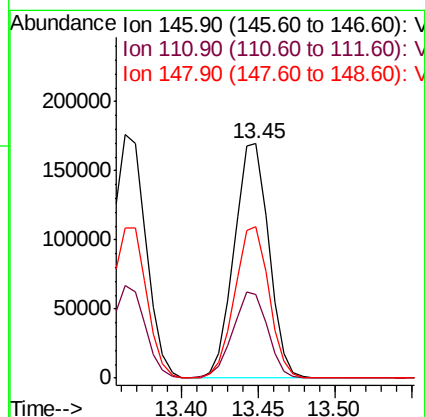
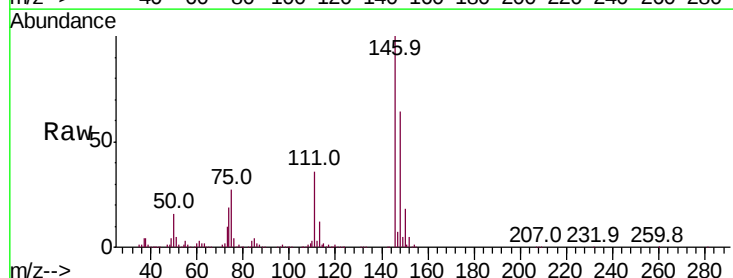
Delta R.T. 0.01 min

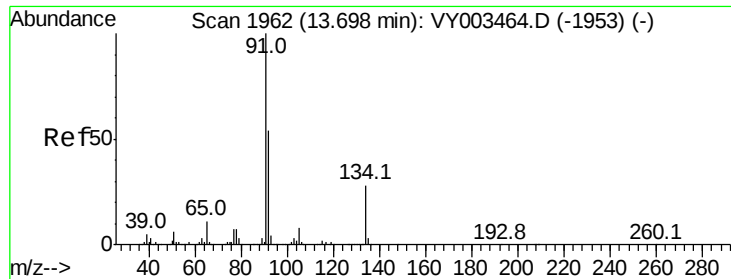
Lab File: VY003479.D

Acq: 02 Nov 2020 17:42

Tgt Ion:146 Resp: 266407

Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.3	54.8
148	64.1	32.0	96.0





#89

n-Butylbenzene

Concen: 51.691 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. -0.00 min

Lab File: VY003479.D

Acq: 02 Nov 2020 17:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

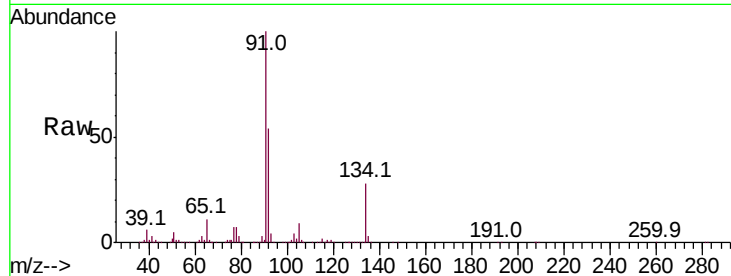
Tot Ion: 91 Resp: 488004

Ion Ratio Lower Upper

91 100

92 53.6 26.7 80.1

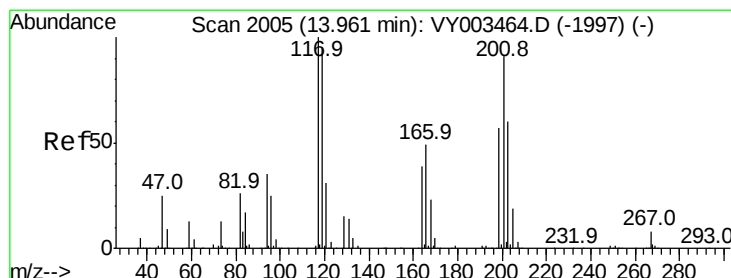
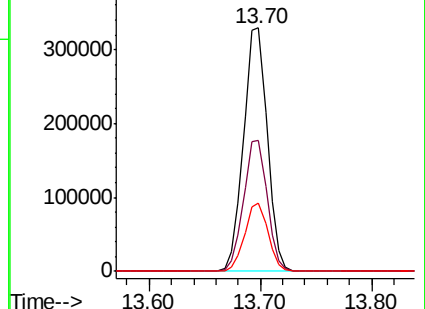
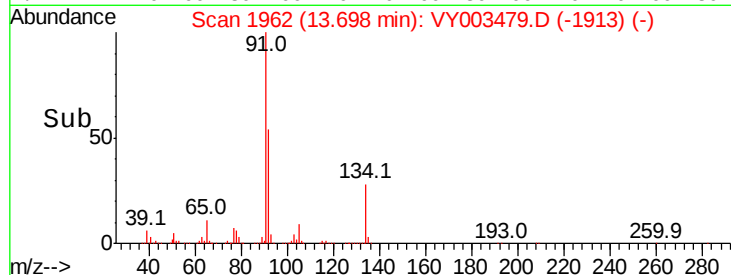
134 27.4 13.8 41.3



Abundance Ion 91.00 (90.70 to 91.70): VY003479.D (-1913) (-)

Ion 92.00 (91.70 to 92.70): VY003479.D (-1913) (-)

Ion 134.00 (133.70 to 134.70): VY003479.D (-1913) (-)



#90

Hexachloroethane

Concen: 51.043 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. -0.00 min

Lab File: VY003479.D

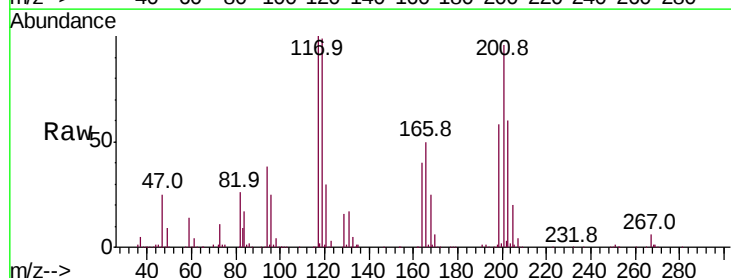
Acq: 02 Nov 2020 17:42

Tgt Ion: 117 Resp: 88792

Ion Ratio Lower Upper

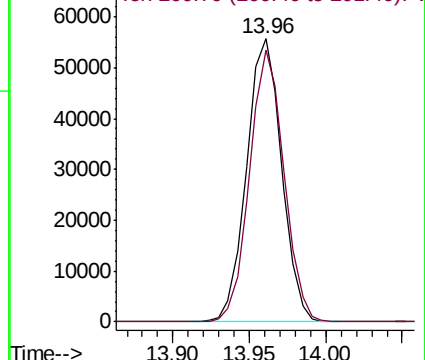
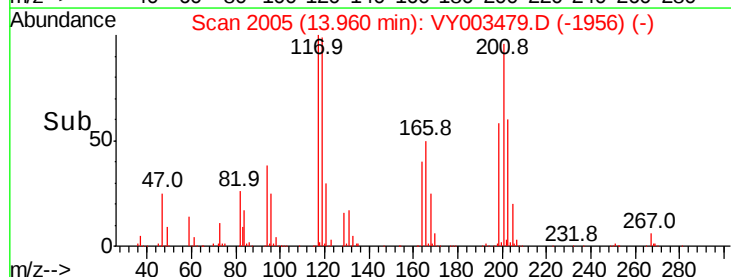
117 100

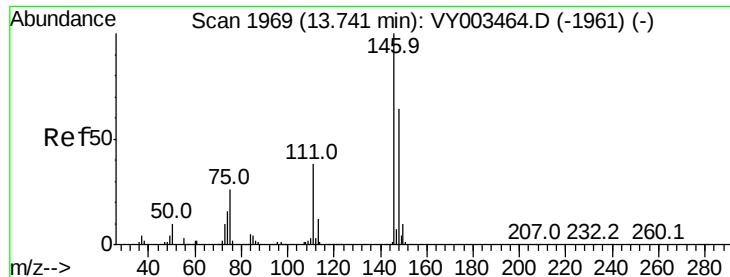
201 94.1 46.6 139.8



Abundance Ion 116.80 (116.50 to 117.50): VY003479.D (-1956) (-)

Ion 200.70 (200.40 to 201.40): VY003479.D (-1956) (-)





#91

1,2-Dichlorobenzene

Concen: 51.464 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.00 min

Lab File: VY003479.D

Acq: 02 Nov 2020 17:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

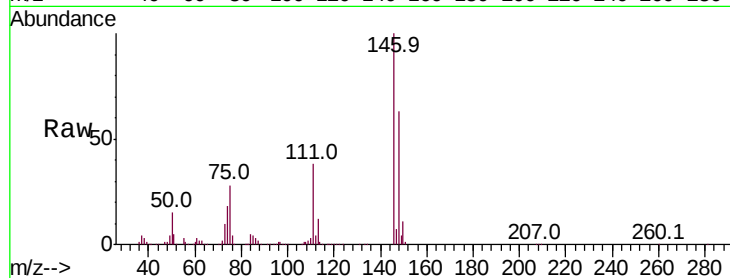
Tot Ion:146 Resp: 242379

Ion Ratio Lower Upper

146 100

111 38.7 19.3 57.8

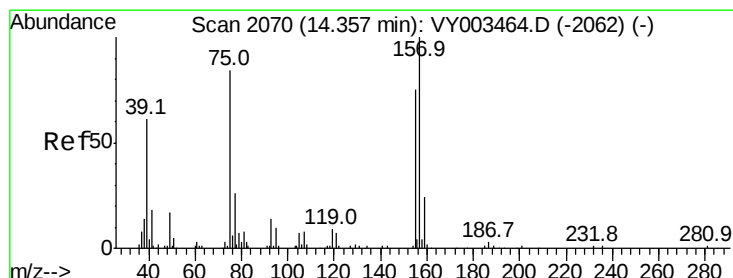
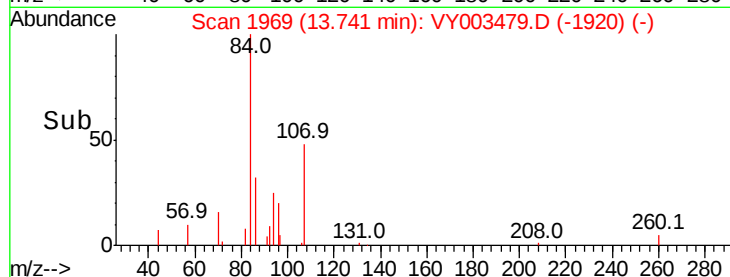
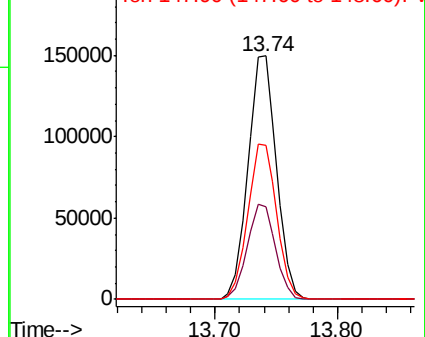
148 64.4 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.862 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VY003479.D

Acq: 02 Nov 2020 17:42

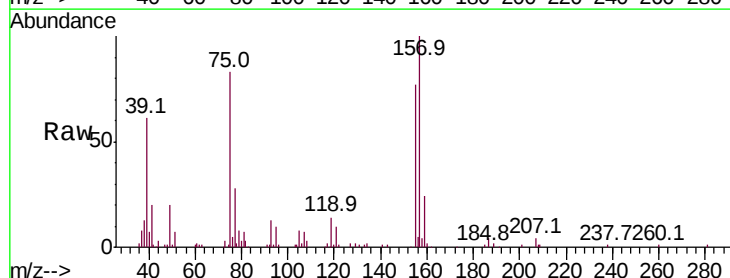
Tgt Ion: 75 Resp: 21596

Ion Ratio Lower Upper

75 100

155 90.9 45.6 136.7

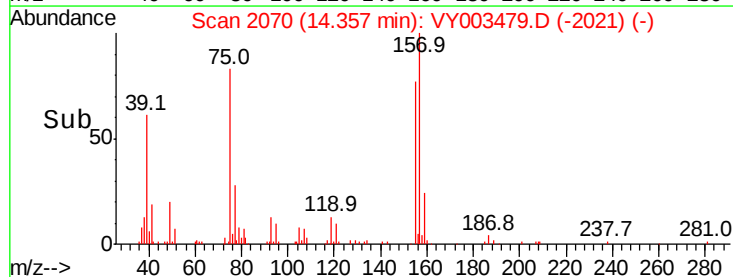
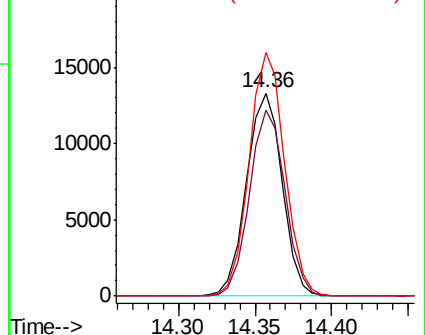
157 119.0 60.3 180.8

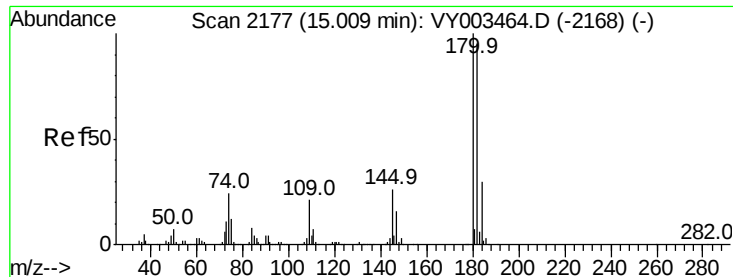


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

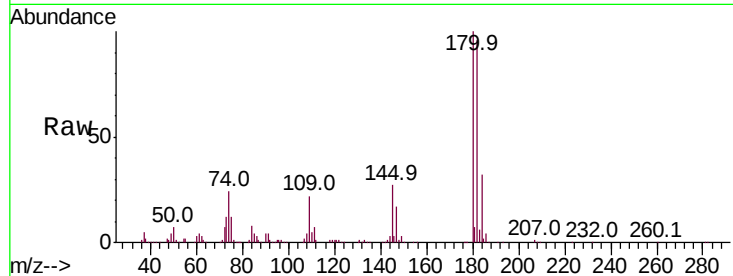




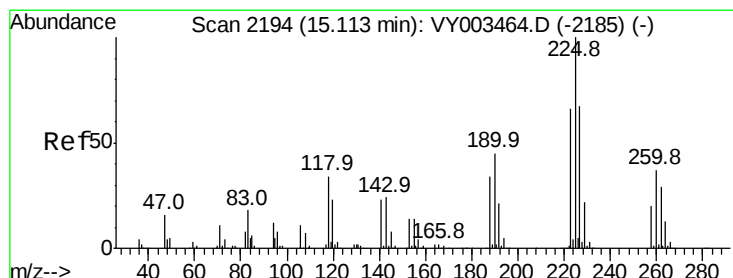
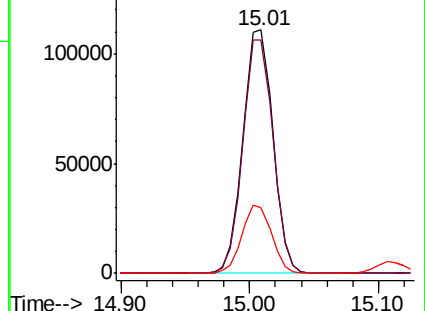
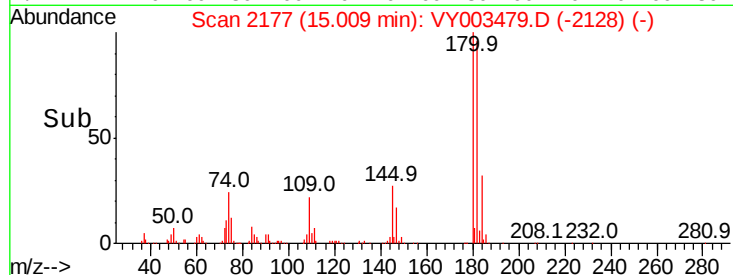
#93
 1,2,4-Trichlorobenzene
 Concen: 53.562 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY003479.D
 Acq: 02 Nov 2020 17:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.6	48.1	144.3
145	27.7	13.8	41.3

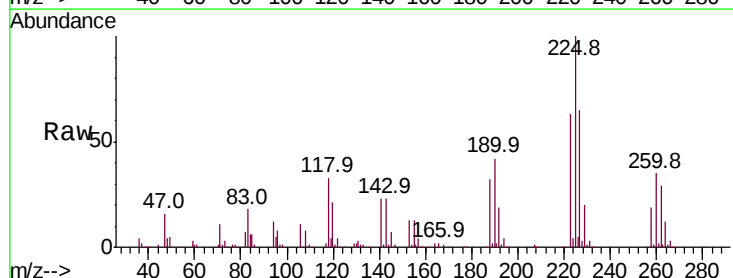


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

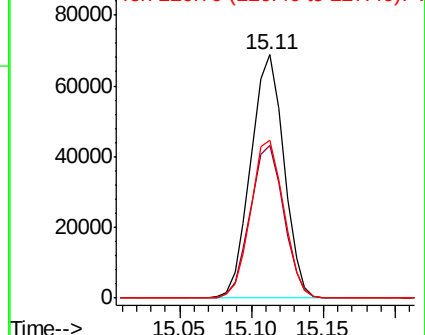
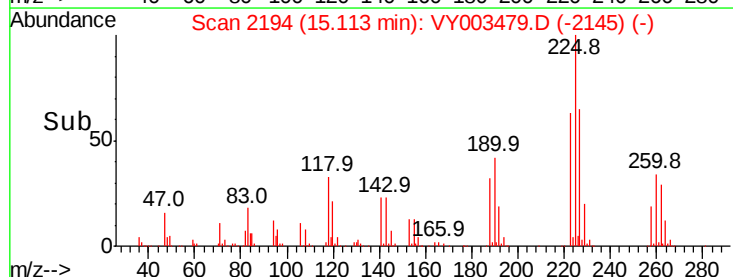


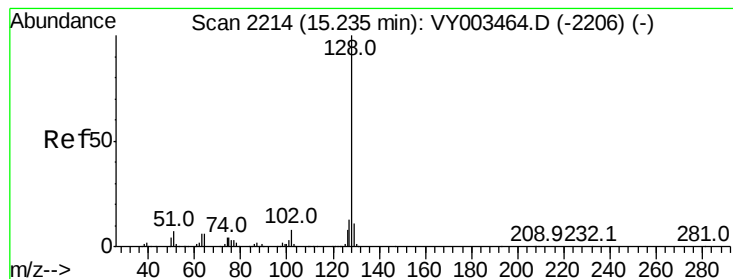
#94
 Hexachlorobutadiene
 Concen: 51.151 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003479.D
 Acq: 02 Nov 2020 17:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	32.1	96.3
227	65.2	32.4	97.2



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





#95

Naphthalene

Concen: 53.502 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY003479.D

Acq: 02 Nov 2020 17:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

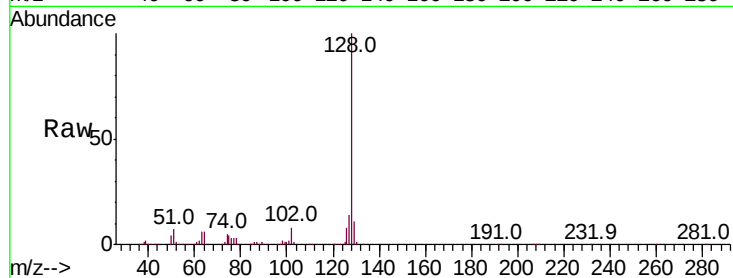
Tot Ion:128 Resp: 356909

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

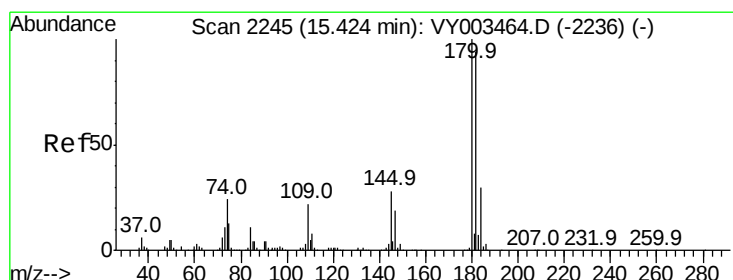
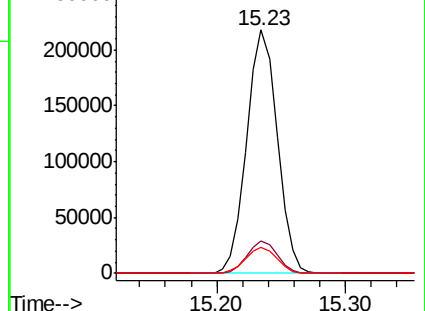
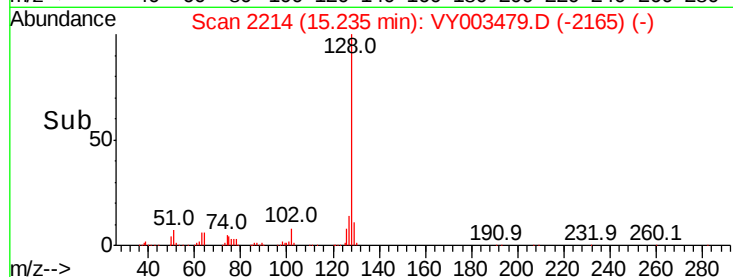
129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 53.660 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VY003479.D

Acq: 02 Nov 2020 17:42

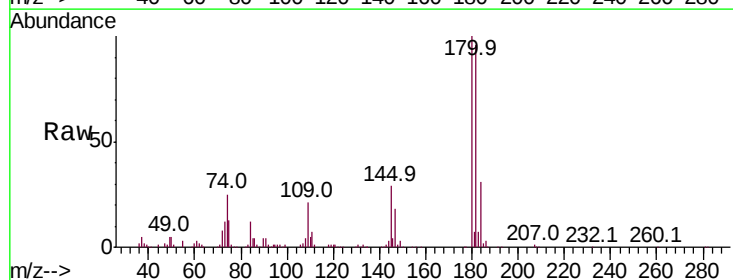
Tgt Ion:180 Resp: 160801

Ion Ratio Lower Upper

180 100

182 95.1 46.9 140.7

145 29.0 14.4 43.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

