

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY073120\
 Data File : VY003382.D
 Acq On : 31 Jul 2020 11:44
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Quant Time: Aug 08 06:39:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 31 13:09:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	500581	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	738537	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	679539	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	368881	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	90526	19.02	ug/l	0.00
Spiked Amount			Recovery	=	38.04%	
35) Dibromofluoromethane	7.72	113	82522	18.97	ug/l	0.00
Spiked Amount			Recovery	=	37.94%	
50) Toluene-d8	10.18	98	312740	18.36	ug/l	0.00
Spiked Amount			Recovery	=	36.72%	
62) 4-Bromofluorobenzene	12.48	95	109431	18.80	ug/l	0.00
Spiked Amount			Recovery	=	37.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	84600	20.639	ug/l	100
3) Chloromethane	2.12	50	109616	19.526	ug/l	98
4) Vinyl Chloride	2.25	62	109677	19.462	ug/l	100
5) Bromomethane	2.63	94	82745	19.876	ug/l	97
6) Chloroethane	2.79	64	69175	19.569	ug/l	99
7) Trichlorofluoromethane	3.13	101	149476	19.643	ug/l	98
8) Diethyl Ether	3.53	74	52417	19.781	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.90	101	88908	19.560	ug/l	99
10) Methyl Iodide	4.10	142	100283	19.004	ug/l	98
11) Tert butyl alcohol	4.97	59	51771	106.336	ug/l	99
12) 1,1-Dichloroethene	3.88	96	86229	19.556	ug/l	92
13) Acrolein	3.73	56	54148	108.093	ug/l	97
15) Acrylonitrile	5.18	53	132443	100.737	ug/l	100
16) Acetone	3.95	43	112804	95.923	ug/l	97
17) Carbon Disulfide	4.20	76	284492	19.791	ug/l	100
18) Methyl Acetate	4.48	43	63113	20.342	ug/l	100
19) Methyl tert-butyl Ether	5.22	73	239536	19.651	ug/l	99
20) Methylene Chloride	4.72	84	152627	20.659	ug/l	99
21) trans-1,2-Dichloroethene	5.23	96	97907	19.641	ug/l	97
22) Diisopropyl ether	6.13	45	305881	19.713	ug/l	99
23) Vinyl Acetate	6.07	43	1014244	99.776	ug/l	98
24) 1,1-Dichloroethane	6.02	63	170990	19.665	ug/l	98
25) 2-Butanone	7.00	43	177814	99.221	ug/l	100
26) 2,2-Dichloropropane	6.99	77	152394	19.641	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	109187	19.934	ug/l	97
28) Bromochloromethane	7.34	49	72275	21.368	ug/l	100
29) Tetrahydrofuran	7.35	42	120919	103.416	ug/l	100
30) Chloroform	7.51	83	170179	19.732	ug/l	99
31) Cyclohexane	7.79	56	161690	19.165	ug/l #	95
32) 1,1,1-Trichloroethane	7.71	97	152710	19.406	ug/l	99
36) 1,1-Dichloropropene	7.93	75	134460	19.239	ug/l	99
37) Ethyl Acetate	7.08	43	77834	19.586	ug/l	99
38) Carbon Tetrachloride	7.91	117	140769	19.574	ug/l	95
39) Methylcyclohexane	9.19	83	166146	19.484	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	8.16	78	376447	19.413	ug/l	99
41) Methacrylonitrile	7.35	41	109728	48.164	ug/l #	48
42) 1,2-Dichloroethane	8.24	62	116239	19.682	ug/l	100
43) Isopropyl Acetate	8.28	43	146884	19.583	ug/l	100
44) Trichloroethene	8.94	130	109285	19.596	ug/l	94
45) 1,2-Dichloropropane	9.22	63	100802	19.850	ug/l	97
46) Dibromomethane	9.31	93	56348	19.777	ug/l	99
47) Bromodichloromethane	9.50	83	136000	19.809	ug/l	99
48) Methyl methacrylate	9.30	41	66457	19.629	ug/l	99
49) 1,4-Dioxane	9.30	88	14271	387.007	ug/l	97
51) 4-Methyl-2-Pentanone	10.07	43	397949	101.240	ug/l	98
52) Toluene	10.24	92	235496	19.364	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	143979	19.759	ug/l	96
54) cis-1,3-Dichloropropene	9.93	75	160777	19.470	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	76673	19.186	ug/l	96
56) Ethyl methacrylate	10.51	69	108091	19.537	ug/l	100
57) 1,3-Dichloropropane	10.79	76	138352	19.920	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	274059	106.945	ug/l	99
59) 2-Hexanone	10.83	43	275246	100.477	ug/l	99
60) Dibromochloromethane	10.99	129	97866	19.500	ug/l	99
61) 1,2-Dibromoethane	11.09	107	77303	19.966	ug/l	97
64) Tetrachloroethene	10.72	164	110321	19.419	ug/l	98
65) Chlorobenzene	11.52	112	260017	19.499	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	100196	19.318	ug/l	99
67) Ethyl Benzene	11.59	91	462860	19.250	ug/l	99
68) m/p-Xylenes	11.70	106	353218	38.967	ug/l	99
69) o-Xylene	12.03	106	162054	19.098	ug/l	97
70) Stvrene	12.04	104	280644	19.329	ug/l	99
71) Bromoform	12.20	173	66649	19.774	ug/l #	97
73) Isopropylbenzene	12.33	105	448131	18.797	ug/l	99
74) N-amyl acetate	12.14	43	136145	19.375	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	94362	19.982	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	126237	38.094	ug/l #	100
77) Bromobenzene	12.61	156	115891	19.131	ug/l	99
78) n-propylbenzene	12.67	91	546026	19.136	ug/l	100
79) 2-Chlorotoluene	12.75	91	301800	19.063	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	382635	19.116	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	34155	19.493	ug/l	99
82) 4-Chlorotoluene	12.85	91	320072	19.456	ug/l	98
83) tert-Butylbenzene	13.07	119	336621	19.371	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	388439	19.307	ug/l	98
85) sec-Butylbenzene	13.25	105	463407	19.171	ug/l	99
86) p-Isopropyltoluene	13.37	119	429176	18.983	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	220055	19.018	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	220376	19.317	ug/l	99
89) n-Butylbenzene	13.69	91	414276	19.390	ug/l	99
90) Hexachloroethane	13.96	117	81970	18.926	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	196053	19.194	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	14841	19.507	ug/l	98
93) 1,2,4-Trichlorobenzene	15.00	180	142940	19.748	ug/l	99

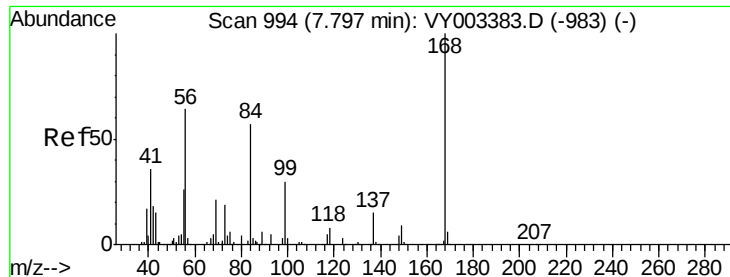
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY073120\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.11	225	93446	19.494	ug/l	99
95) Naphthalene	15.23	128	240628	19.625	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	113519	19.385	ug/l	97

(#) = 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. -0.00 min

Lab File: VY003382.D

Acq: 31 Jul 2020 11:44

Instrument :

MSVOA_Y

ClientSampleId :

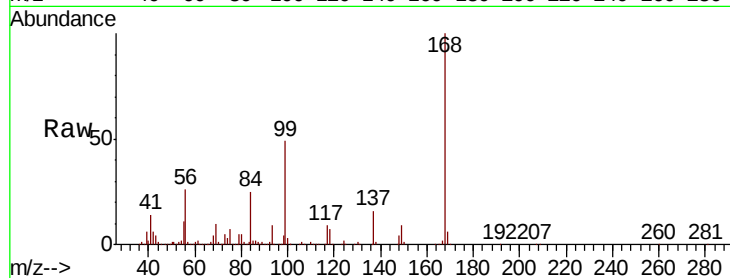
VSTDIC020

Tot Ion:168 Resp: 500581

Ion Ratio Lower Upper

168 100

99 48.9 38.8 58.2



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.80

250000

200000

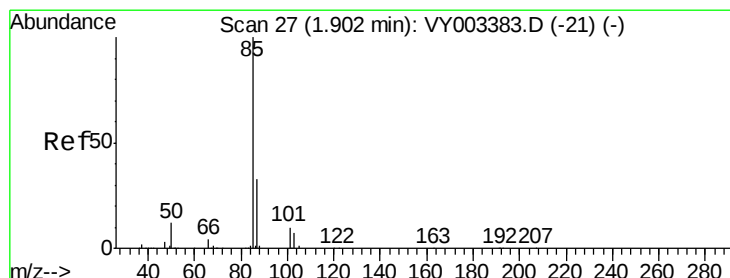
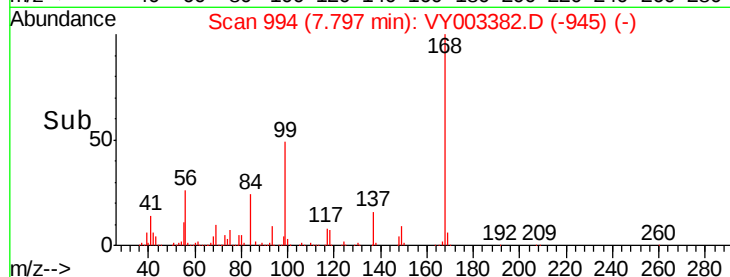
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.639 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY003382.D

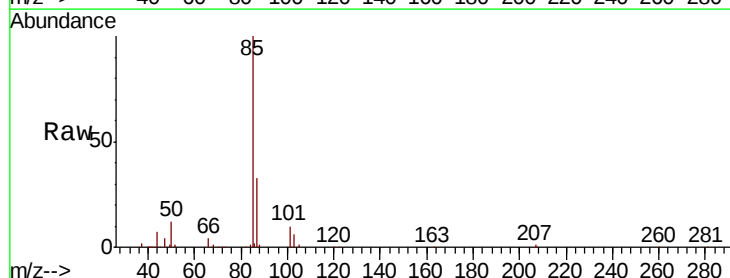
Acq: 31 Jul 2020 11:44

Tgt Ion: 85 Resp: 84600

Ion Ratio Lower Upper

85 100

87 32.7 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

1.90

60000

50000

40000

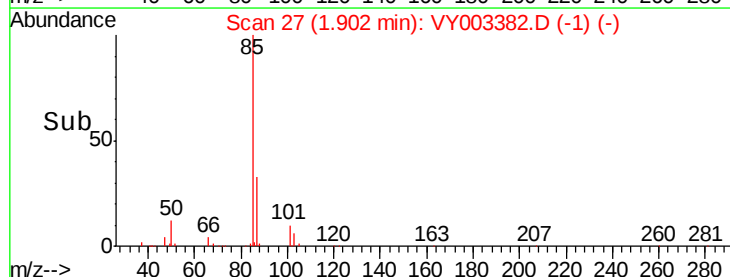
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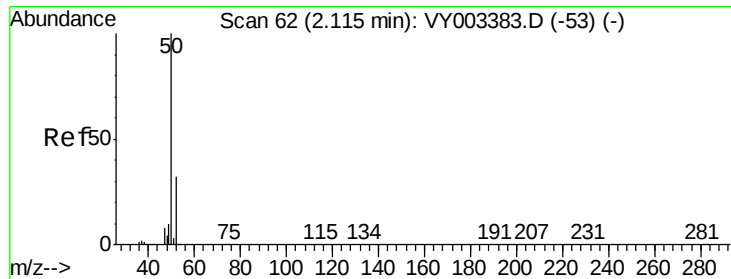
20000

10000

0

Time-->





#3

Chloromethane

Concen: 19.526 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003382.D

Acq: 31 Jul 2020 11:44

Instrument :

MSVOA_Y

ClientSampleId :

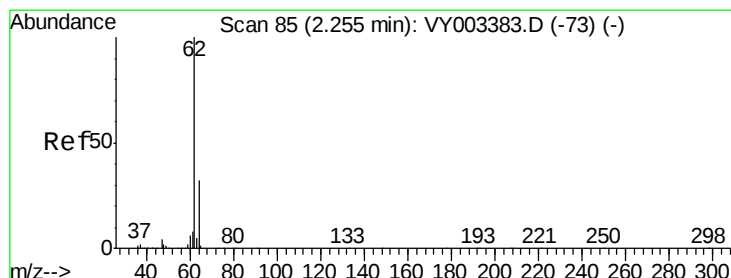
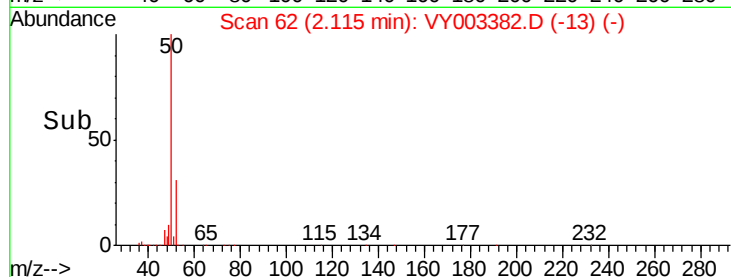
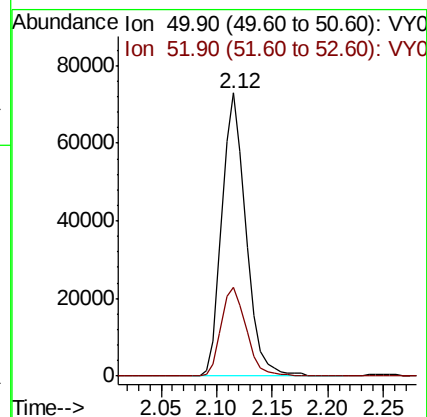
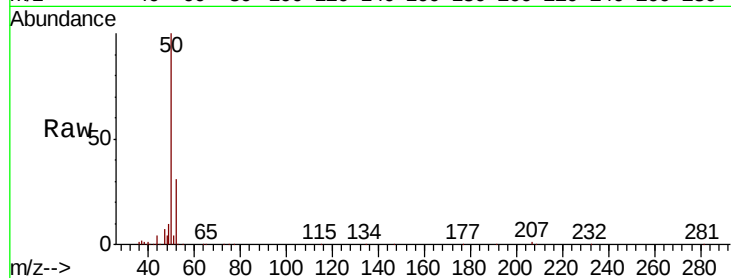
VSTDIC020

Tot Ion: 50 Resp: 109616

Ion Ratio Lower Upper

50 100

52 31.4 25.9 38.9



#4

Vinyl Chloride

Concen: 19.462 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY003382.D

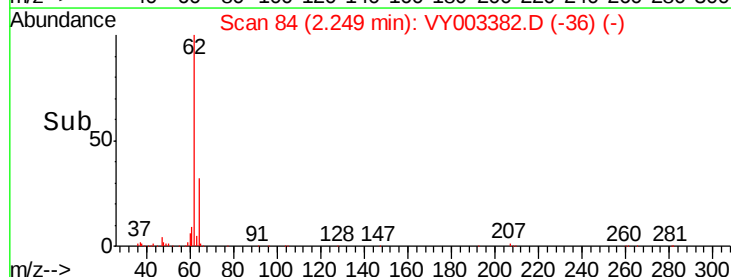
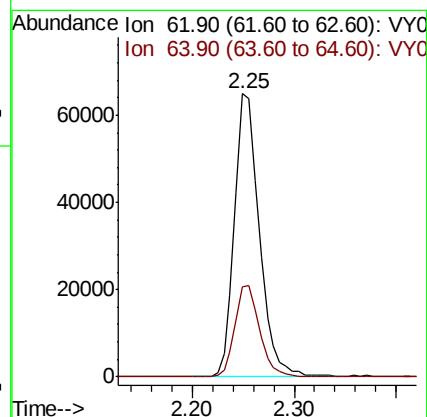
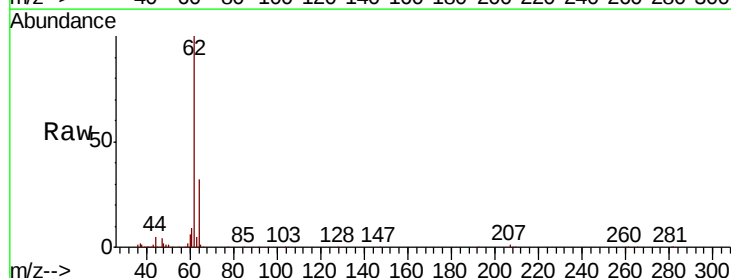
Acq: 31 Jul 2020 11:44

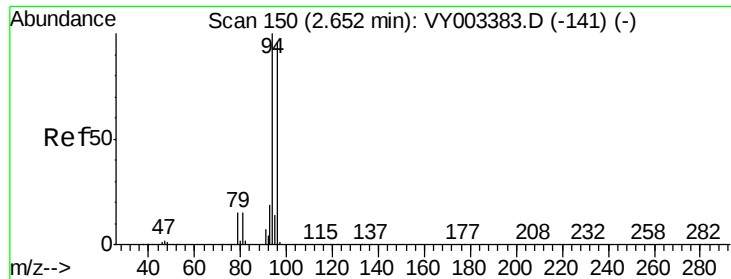
Tgt Ion: 62 Resp: 109677

Ion Ratio Lower Upper

62 100

64 31.9 25.7 38.5





#5

Bromomethane

Concen: 19.876 ug/l

RT: 2.63 min Scan# 147

Delta R.T. -0.02 min

Lab File: VY003382.D

Acq: 31 Jul 2020 11:44

Instrument :

MSVOA_Y

ClientSampleId :

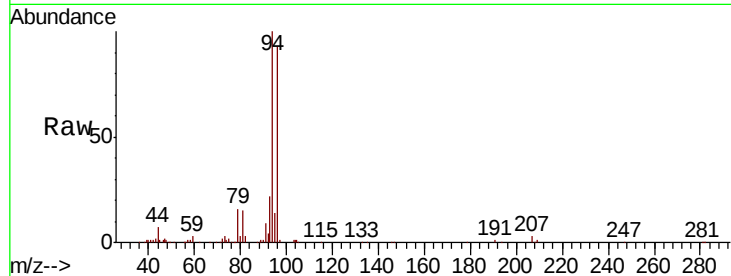
VSTDIC020

Tot Ion: 94 Resp: 82745

Ion Ratio Lower Upper

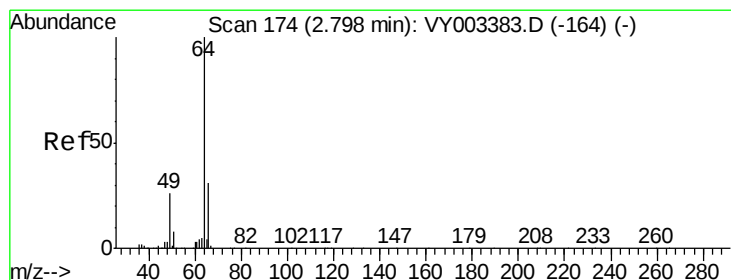
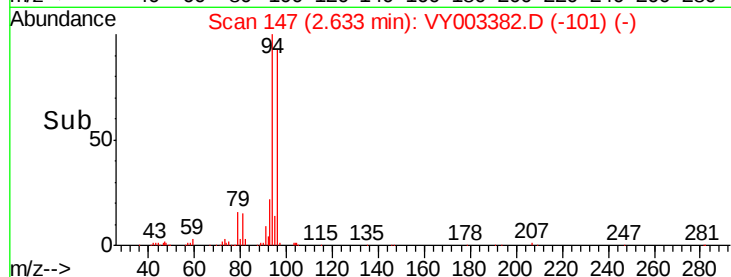
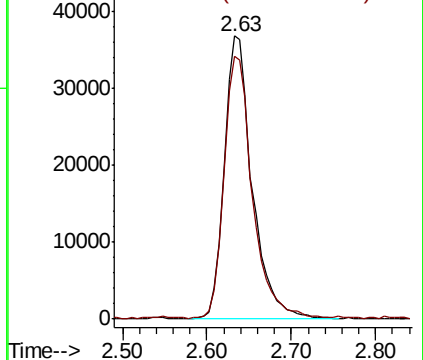
94 100

96 92.8 76.6 115.0



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 19.569 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003382.D

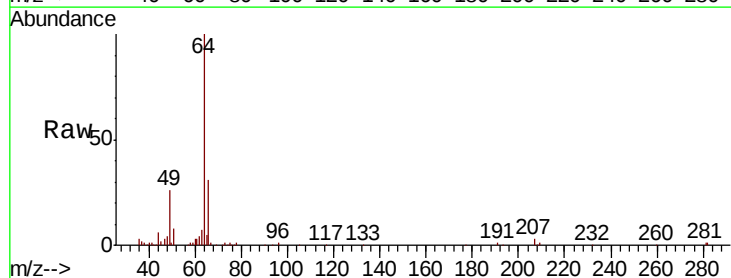
Acq: 31 Jul 2020 11:44

Tgt Ion: 64 Resp: 69175

Ion Ratio Lower Upper

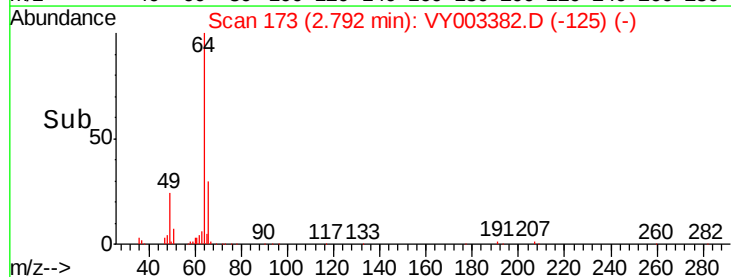
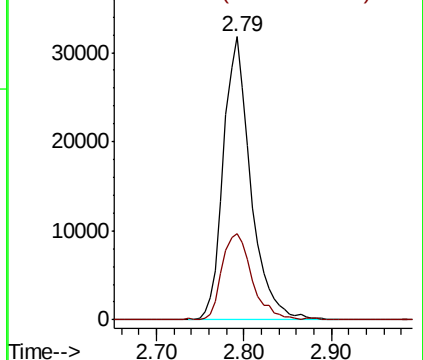
64 100

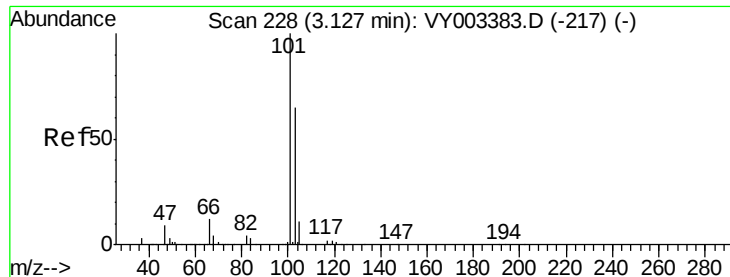
66 30.4 24.7 37.1



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



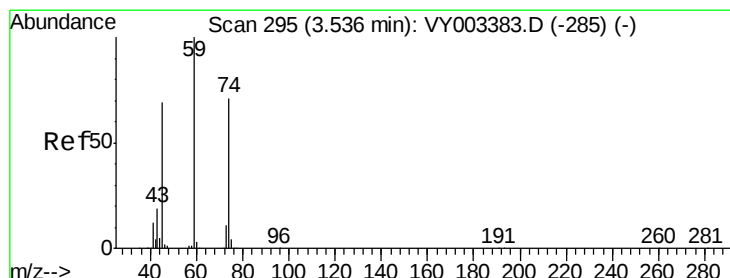
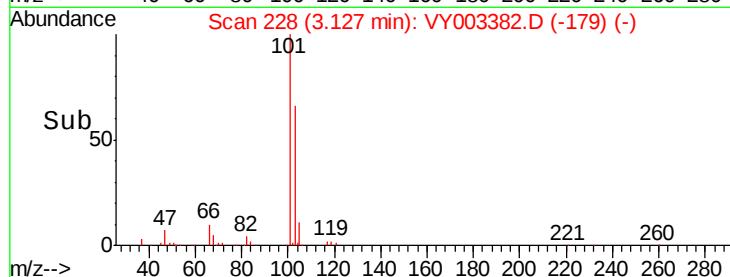
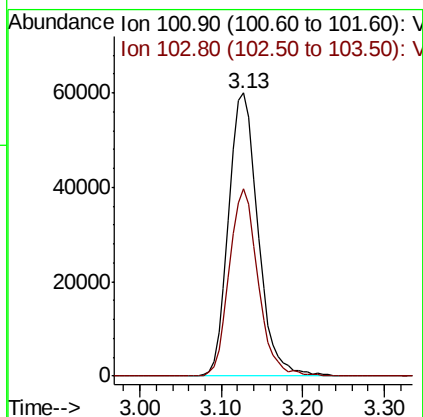
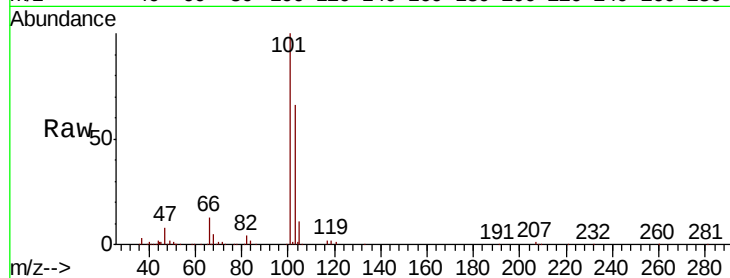


#7

Trichlorofluoromethane
 Concen: 19.643 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY003382.D
 Acq: 31 Jul 2020 11:44

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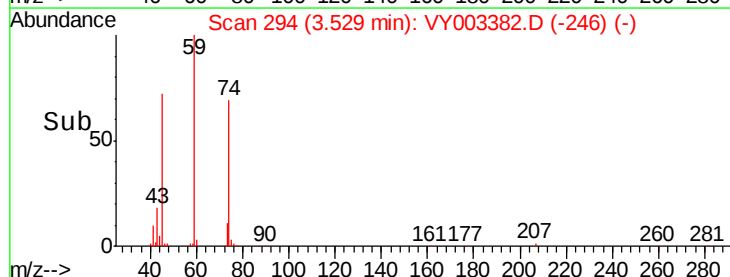
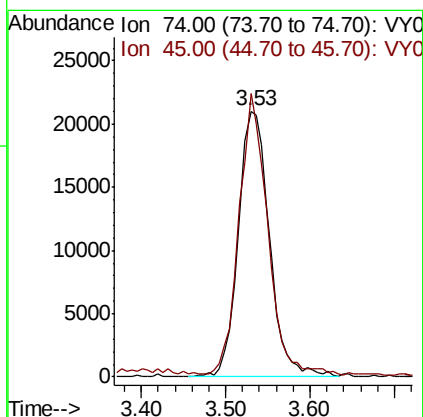
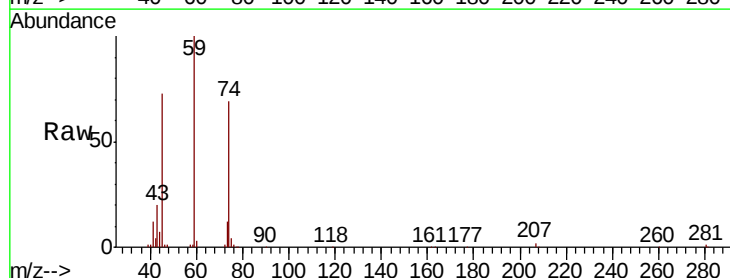
Tot Ion:101 Resp: 149476
 Ion Ratio Lower Upper
 101 100
 103 66.3 51.8 77.6

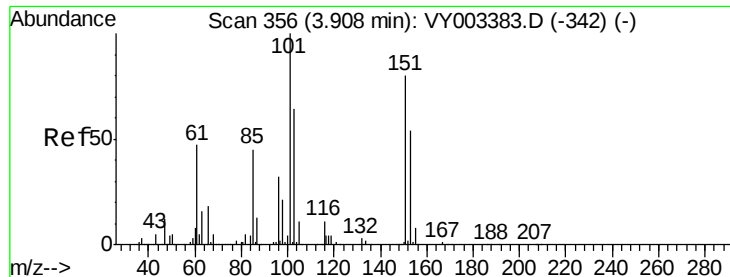


#8

Diethyl Ether
 Concen: 19.781 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY003382.D
 Acq: 31 Jul 2020 11:44

Tgt Ion: 74 Resp: 52417
 Ion Ratio Lower Upper
 74 100
 45 96.9 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.560 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003382.D

Acq: 31 Jul 2020 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

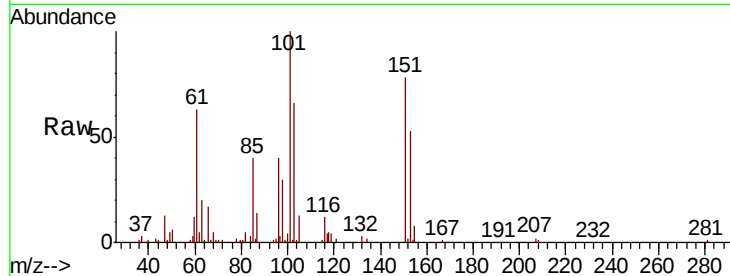
Tot Ion:101 Resp: 88908

Ion Ratio Lower Upper

101 100

85 44.9 35.7 53.5

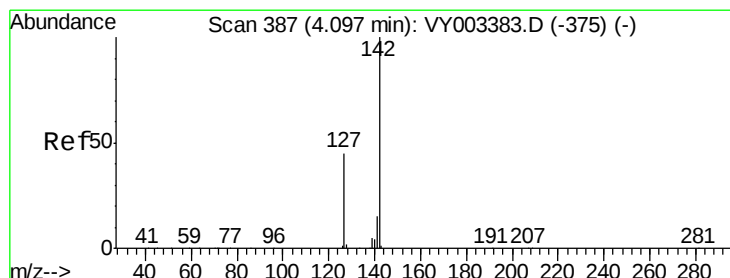
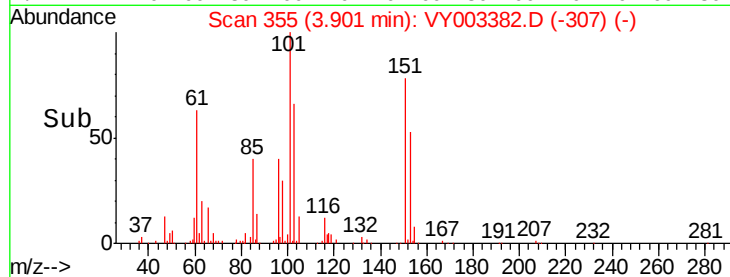
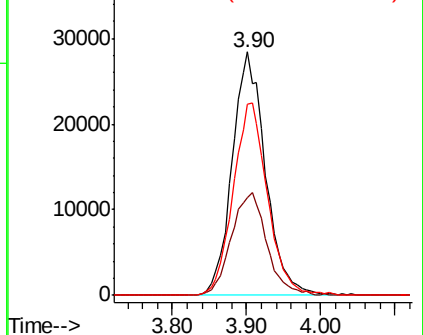
151 81.6 65.7 98.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.004 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY003382.D

Acq: 31 Jul 2020 11:44

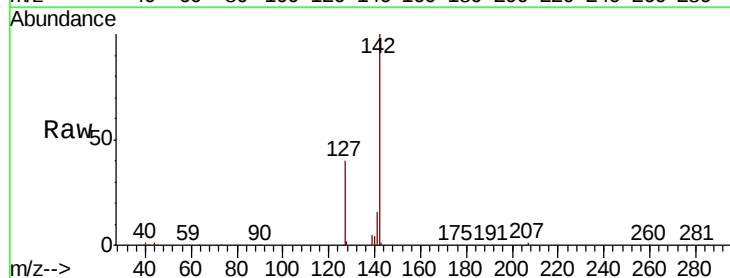
Tgt Ion:142 Resp: 100283

Ion Ratio Lower Upper

142 100

127 41.8 34.6 52.0

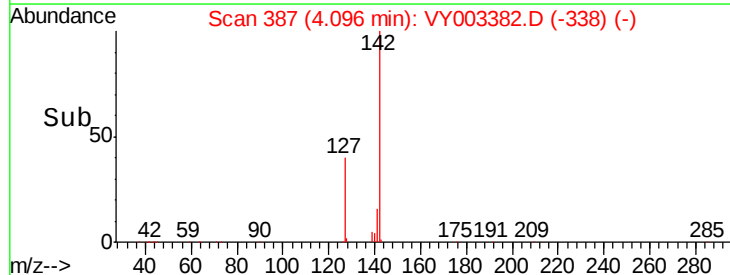
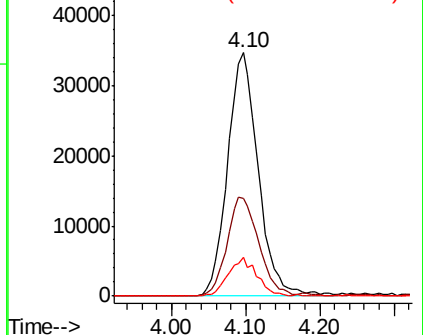
141 14.6 11.4 17.0

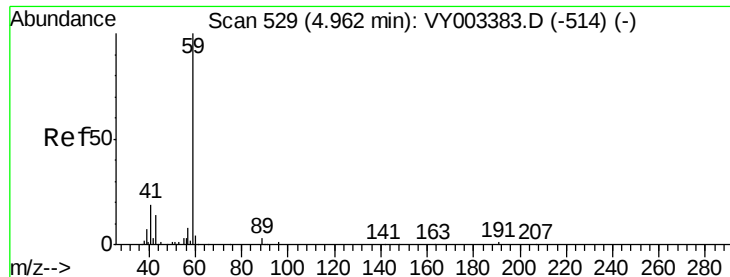


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

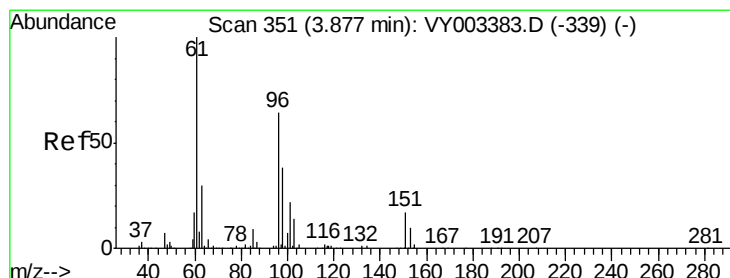
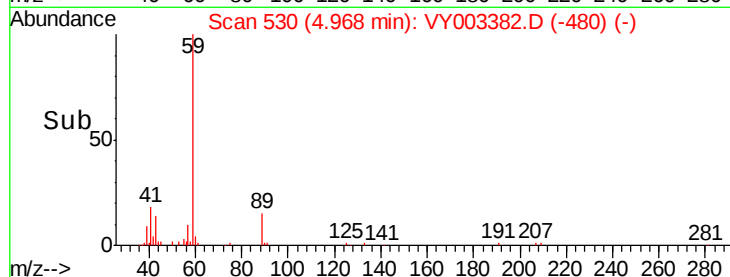
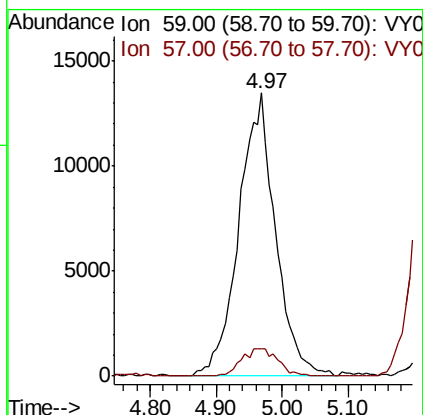
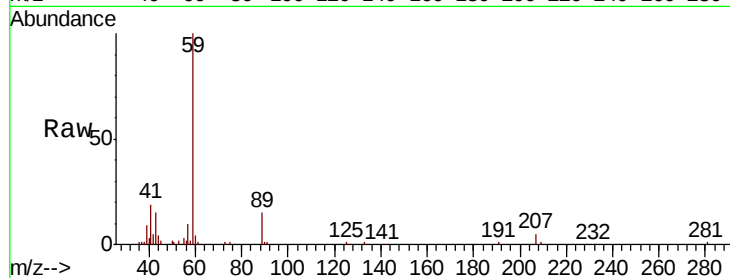




#11
Tert butyl alcohol
Concen: 106.336 ug/l
RT: 4.97 min Scan# 530
Delta R.T. 0.01 min
Lab File: VY003382.D
Acq: 31 Jul 2020 11:44

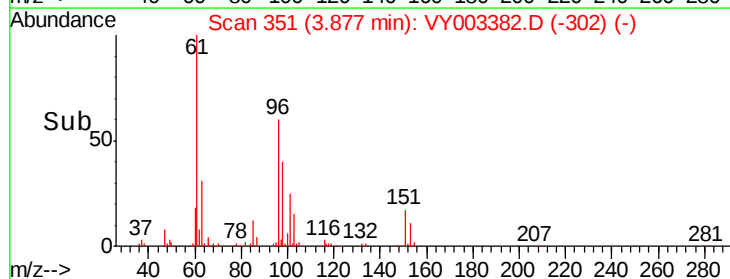
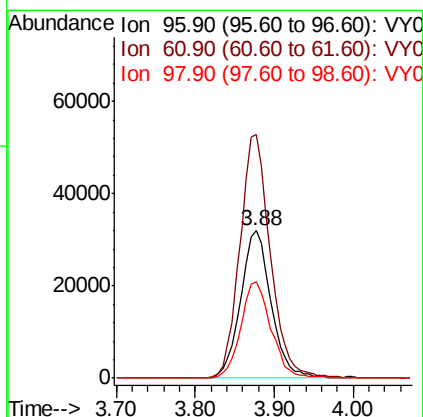
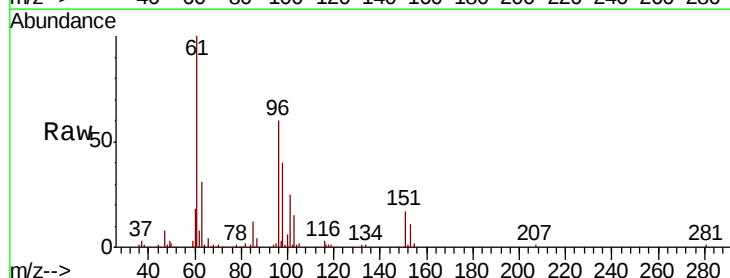
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

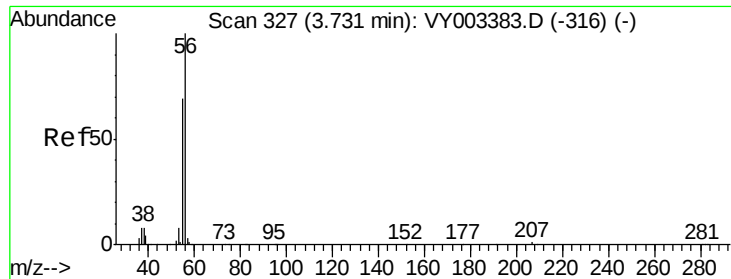
Tot Ion: 59 Resp: 51771
Ion Ratio Lower Upper
59 100
57 9.7 8.0 12.0



#12
1,1-Dichloroethene
Concen: 19.556 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY003382.D
Acq: 31 Jul 2020 11:44

Tgt Ion: 96 Resp: 86229
Ion Ratio Lower Upper
96 100
61 165.4 124.7 187.1
98 65.9 47.4 71.2





#13

Acrolein

Concen: 108.093 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.00 min

Lab File: VY003382.D

Acq: 31 Jul 2020 11:44

Instrument :

MSVOA_Y

ClientSampleId :

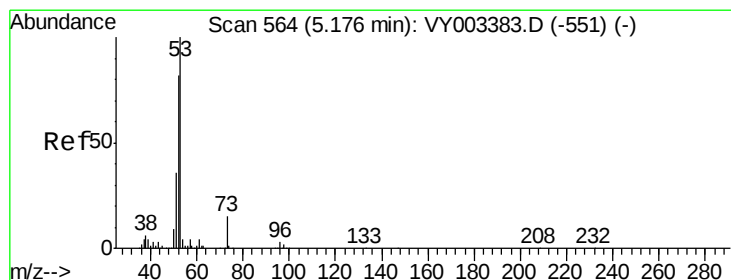
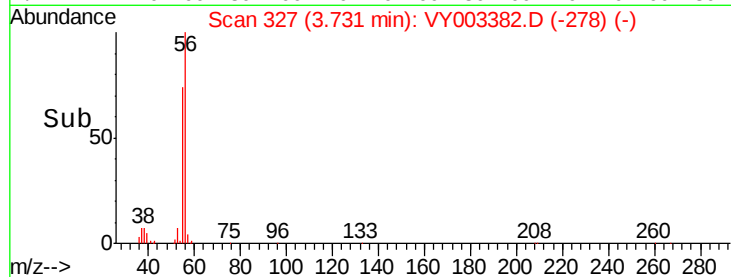
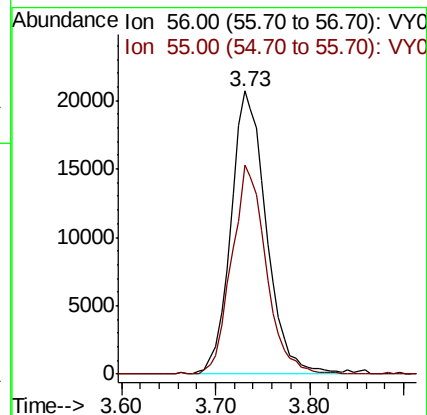
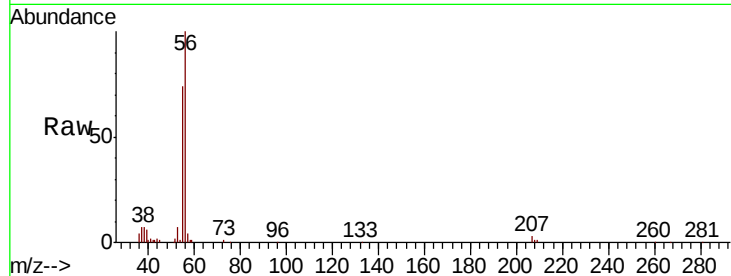
VSTDIC020

Tot Ion: 56 Resp: 54148

Ion Ratio Lower Upper

56 100

55 71.8 55.5 83.3



#15

Acrylonitrile

Concen: 100.737 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.00 min

Lab File: VY003382.D

Acq: 31 Jul 2020 11:44

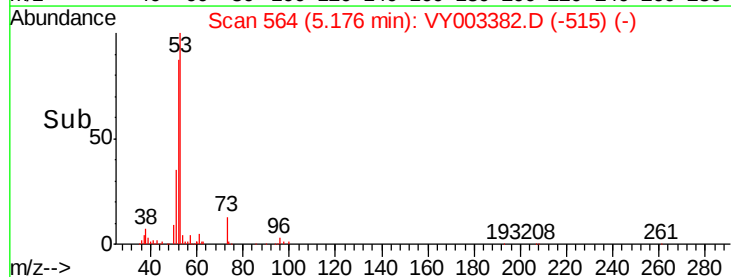
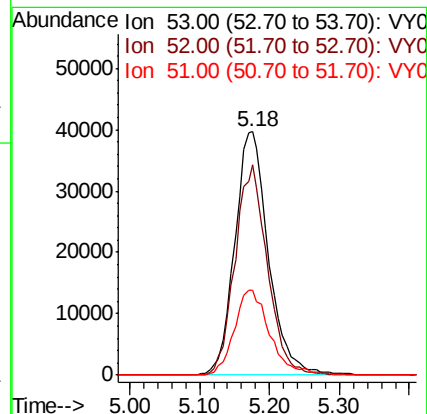
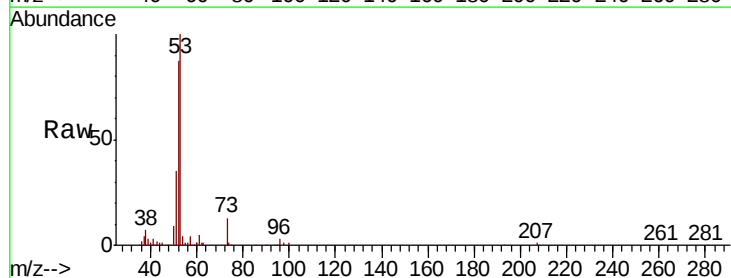
Tgt Ion: 53 Resp: 132443

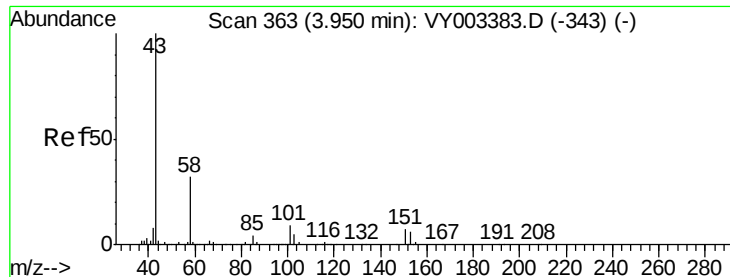
Ion Ratio Lower Upper

53 100

52 83.2 67.0 100.6

51 36.7 29.3 43.9





#16

Acetone

Concen: 95.923 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.00 min

Lab File: VY003382.D

Acq: 31 Jul 2020 11:44

Instrument :

MSVOA_Y

ClientSampleId :

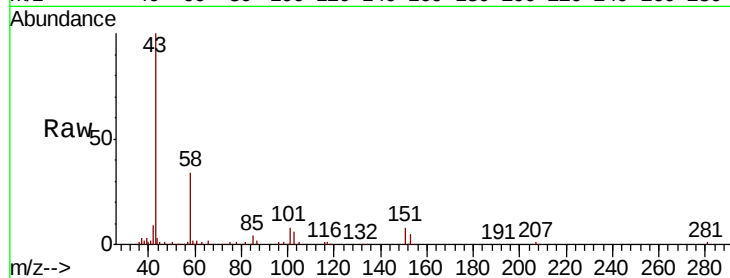
VSTDIC020

Tot Ion: 43 Resp: 112804

Ion Ratio Lower Upper

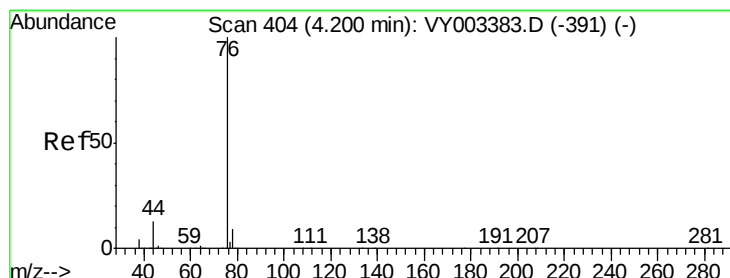
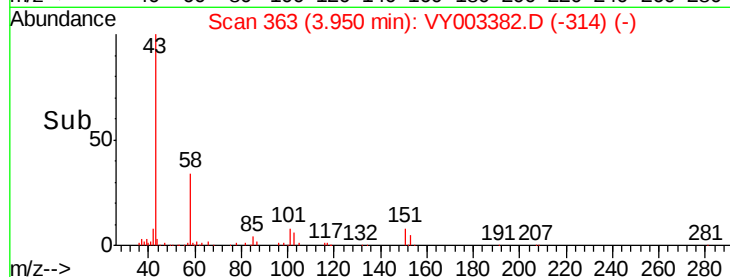
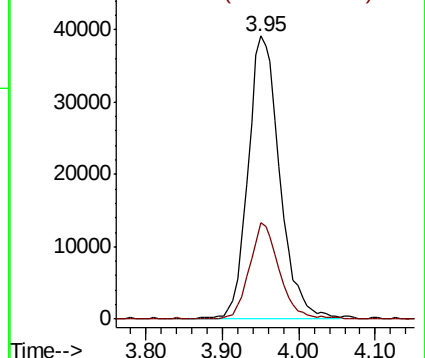
43 100

58 33.6 25.4 38.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#17

Carbon Disulfide

Concen: 19.791 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY003382.D

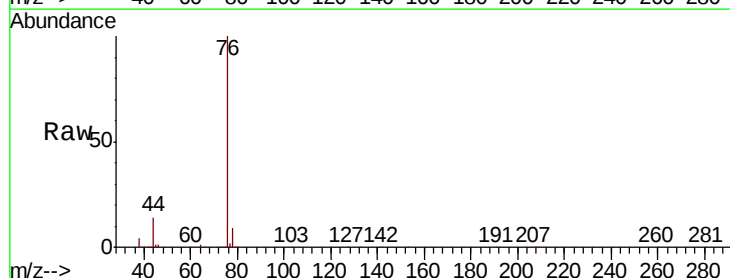
Acq: 31 Jul 2020 11:44

Tgt Ion: 76 Resp: 284492

Ion Ratio Lower Upper

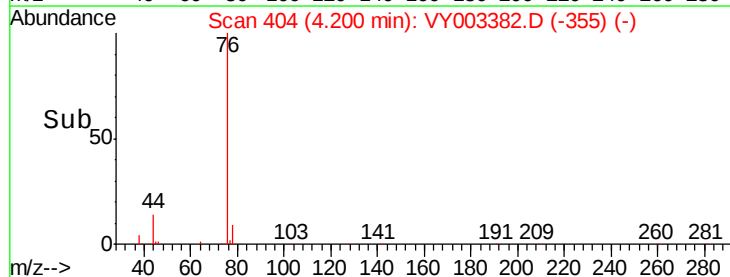
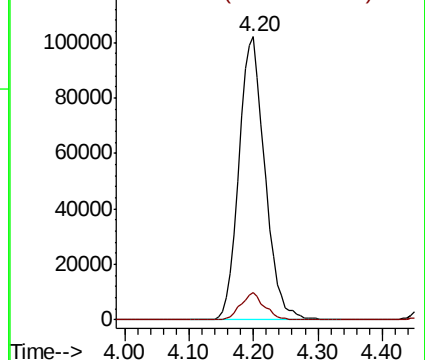
76 100

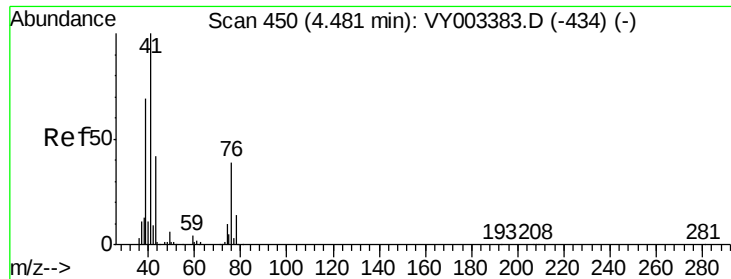
78 9.5 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

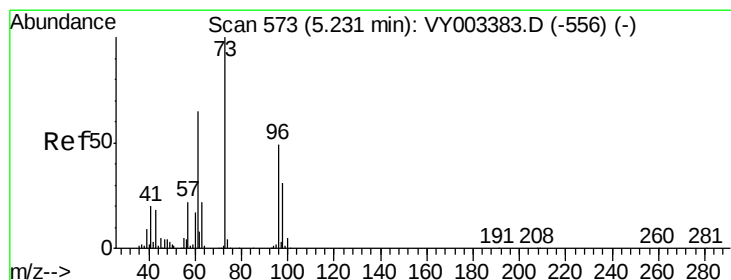
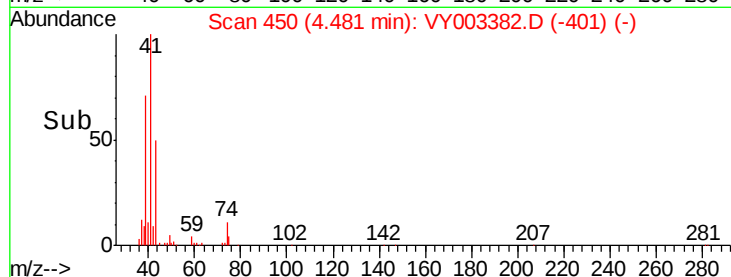
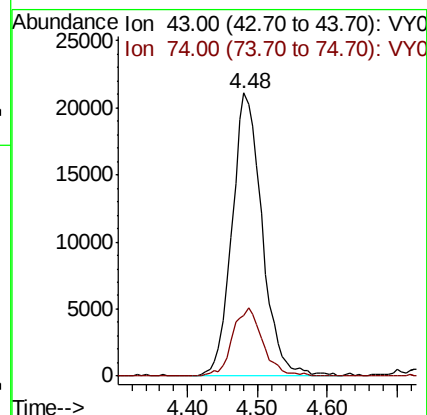
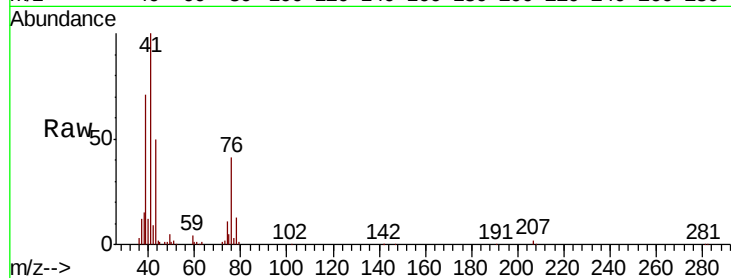




#18
Methyl Acetate
Concen: 20.342 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.00 min
Lab File: VY003382.D
Acq: 31 Jul 2020 11:44

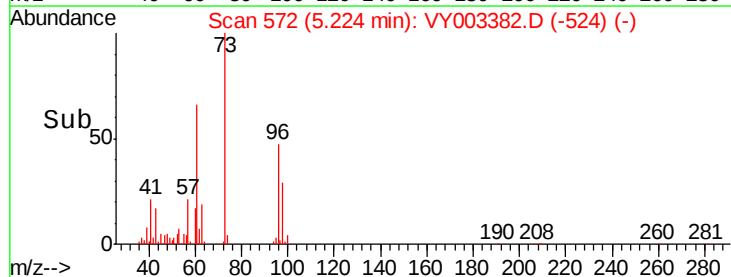
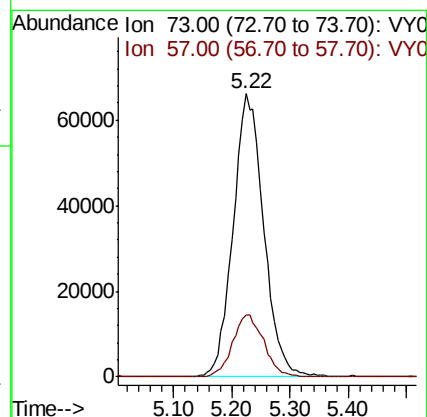
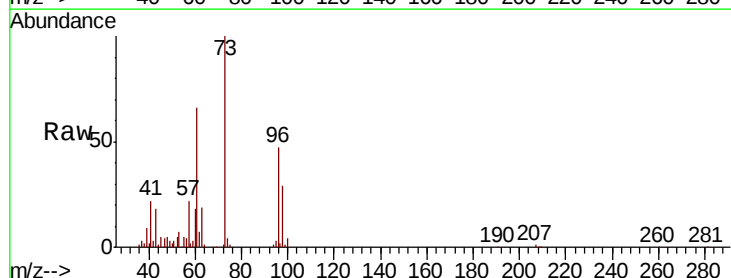
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

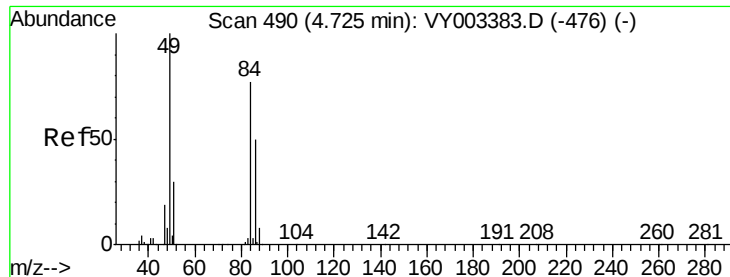
Tot Ion: 43 Resp: 63113
Ion Ratio Lower Upper
43 100
74 24.1 19.2 28.8



#19
Methyl tert-butyl Ether
Concen: 19.651 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY003382.D
Acq: 31 Jul 2020 11:44

Tgt Ion: 73 Resp: 239536
Ion Ratio Lower Upper
73 100
57 22.0 17.8 26.8





#20

Methylene Chloride

Concen: 20.659 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY003382.D

Acq: 31 Jul 2020 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tot Ion: 84 Resp: 152627

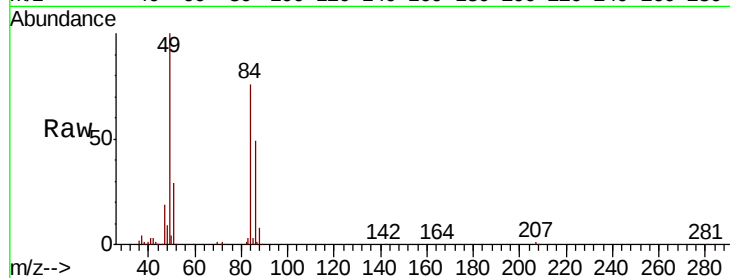
Ion Ratio Lower Upper

84 100

49 131.4 104.2 156.4

51 38.3 31.5 47.3

86 64.1 51.7 77.5

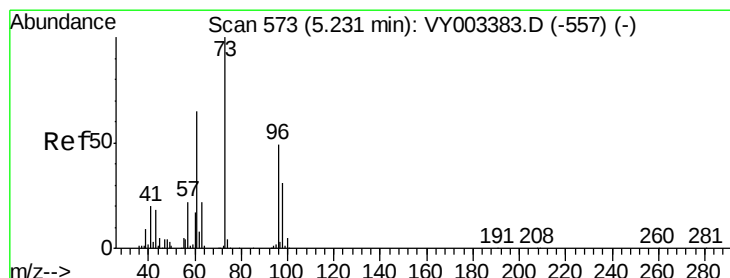
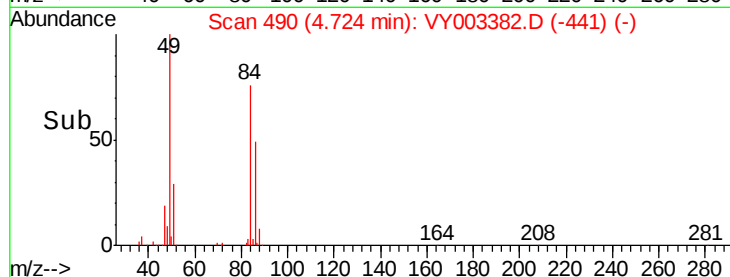
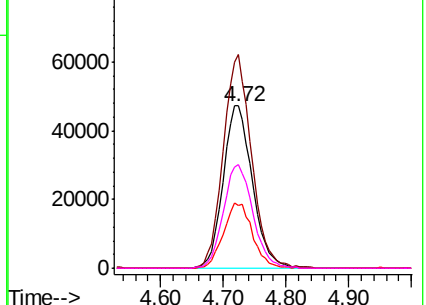


Abundance Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0



#21

trans-1,2-Dichloroethene

Concen: 19.641 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.00 min

Lab File: VY003382.D

Acq: 31 Jul 2020 11:44

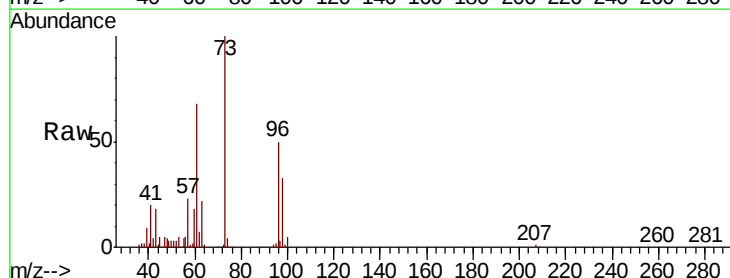
Tgt Ion: 96 Resp: 97907

Ion Ratio Lower Upper

96 100

61 137.2 106.3 159.5

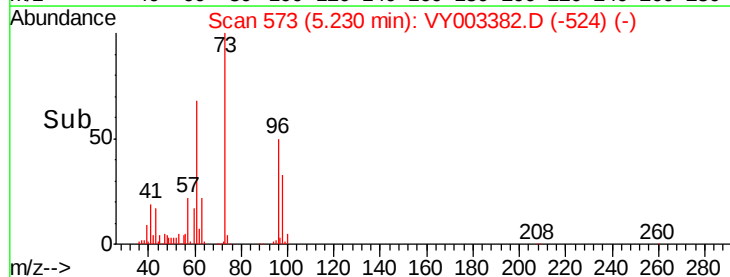
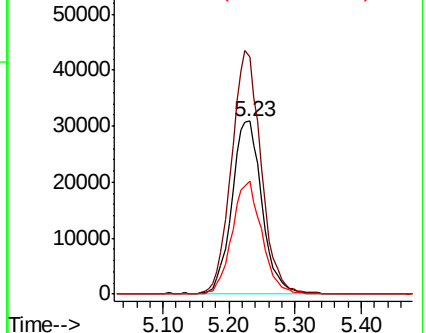
98 65.6 50.8 76.2

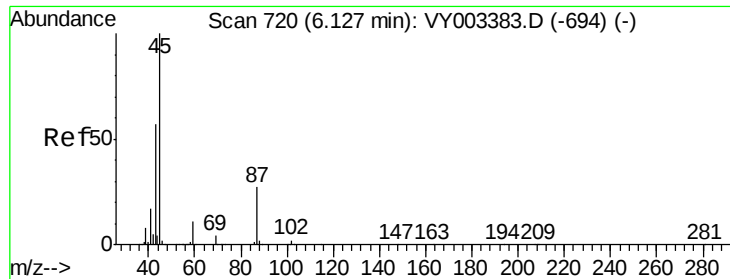


Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



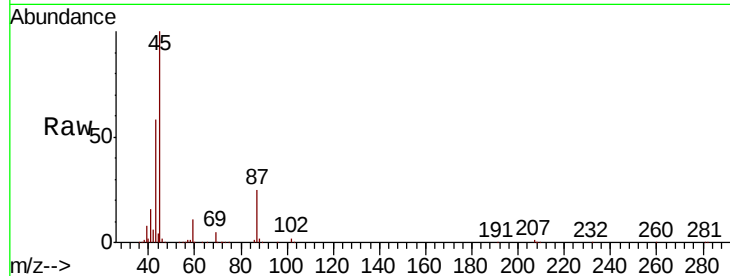


#22

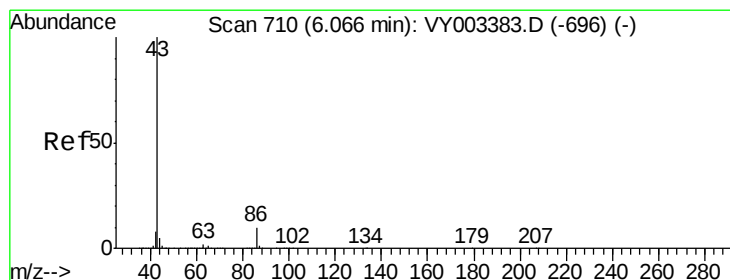
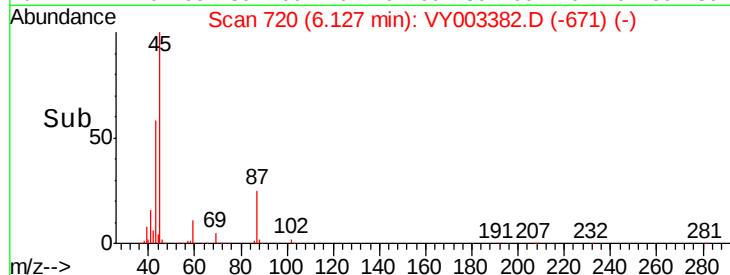
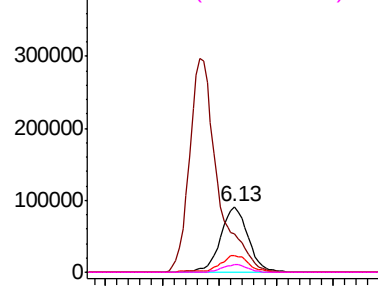
Diisopropyl ether
 Concen: 19.713 ug/l
 RT: 6.13 min Scan# 720
 Delta R.T. -0.00 min
 Lab File: VY003382.D
 Acq: 31 Jul 2020 11:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tot Ion:	45	Resp:	305881
Ion	Ratio	Lower	Upper
45	100		
43	57.4	45.6	68.4
87	25.4	21.3	31.9
59	10.7	9.0	13.4



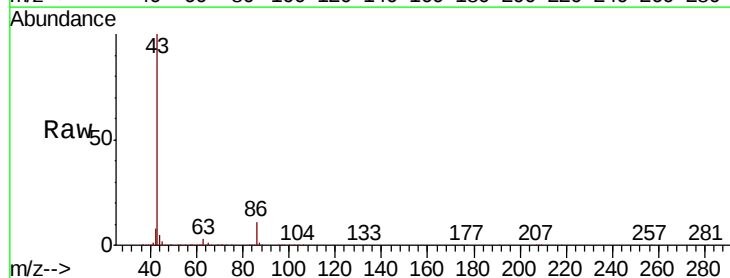
Abundance Ion 45.00 (44.70 to 45.70): VY0
 Ion 43.00 (42.70 to 43.70): VY0
 Ion 87.00 (86.70 to 87.70): VY0
 Ion 59.00 (58.70 to 59.70): VY0



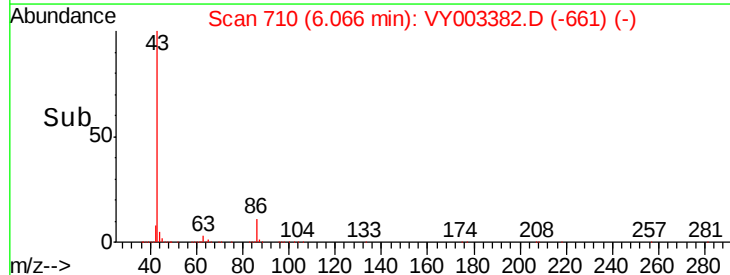
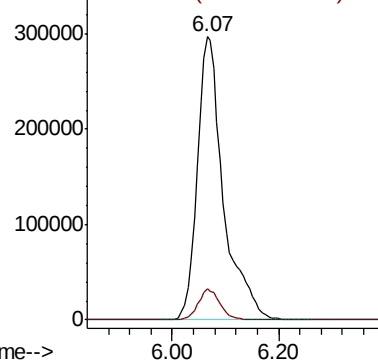
#23

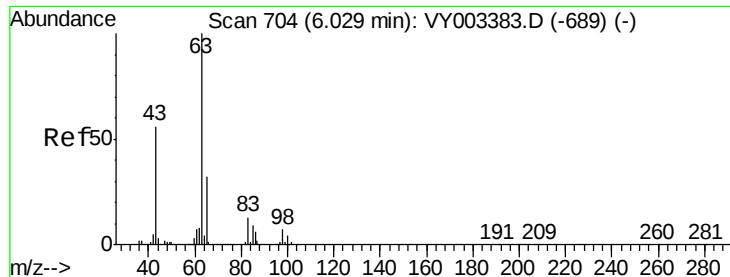
Vinyl Acetate
 Concen: 99.776 ug/l
 RT: 6.07 min Scan# 710
 Delta R.T. -0.00 min
 Lab File: VY003382.D
 Acq: 31 Jul 2020 11:44

Tgt Ion:	43	Resp:	1014244
Ion	Ratio	Lower	Upper
43	100		
86	10.9	8.0	12.0



Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 86.00 (85.70 to 86.70): VY0





#24

1,1-Dichloroethane

Concen: 19.665 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY003382.D

Acq: 31 Jul 2020 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

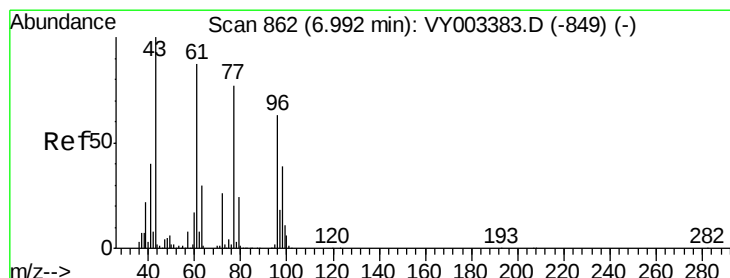
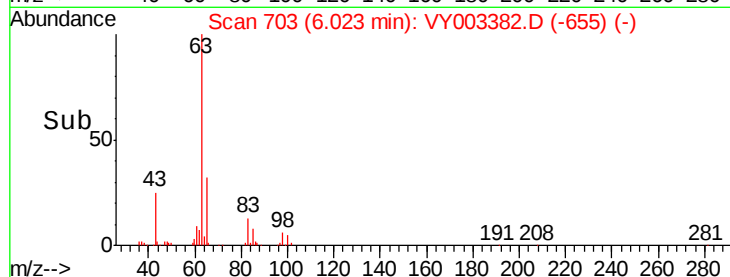
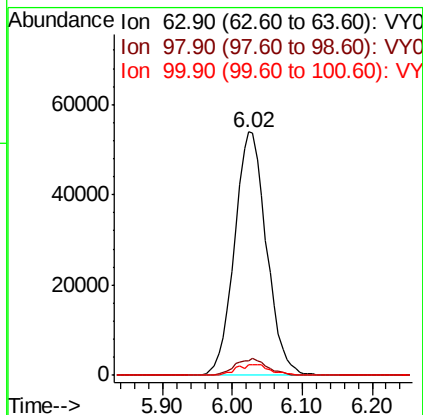
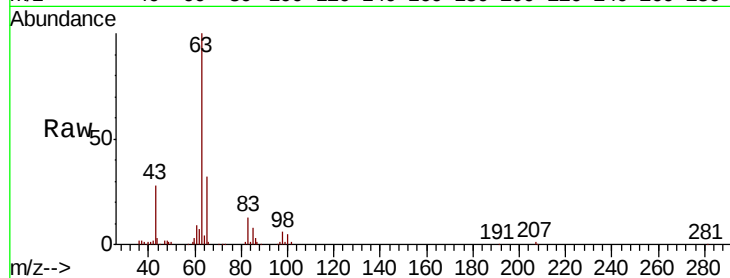
Tot Ion: 63 Resp: 170990

Ion Ratio Lower Upper

63 100

98 6.0 3.5 10.6

100 4.6 2.2 6.6



#25

2-Butanone

Concen: 99.221 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY003382.D

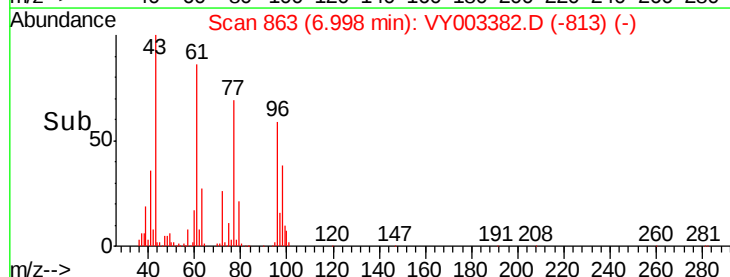
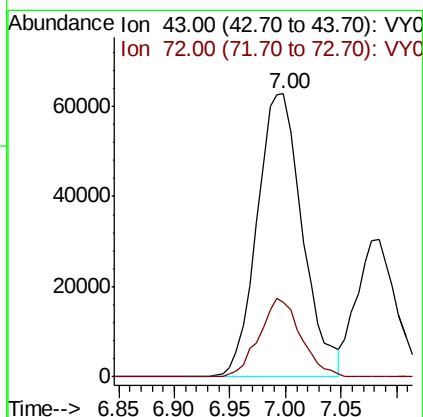
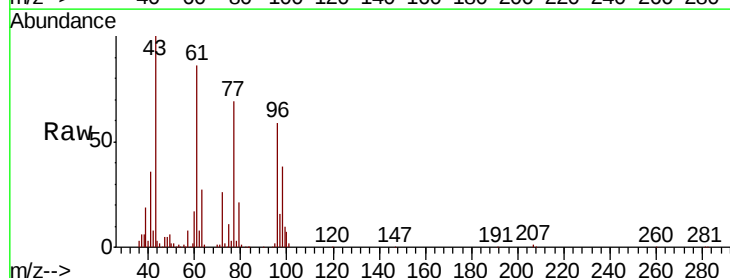
Acq: 31 Jul 2020 11:44

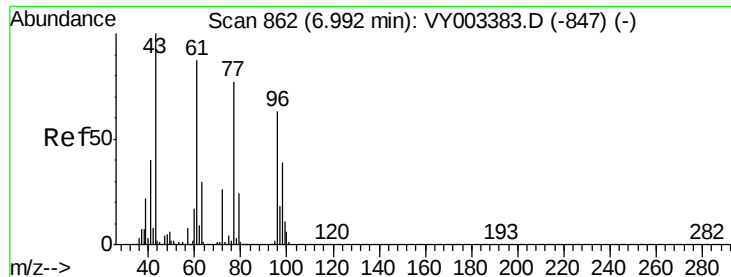
Tgt Ion: 43 Resp: 177814

Ion Ratio Lower Upper

43 100

72 26.4 21.1 31.7





#26

2,2-Dichloropropane

Concen: 19.641 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003382.D

Acq: 31 Jul 2020 11:44

Instrument :

MSVOA_Y

ClientSampleId :

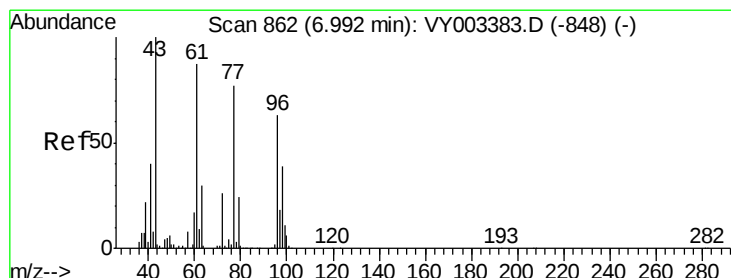
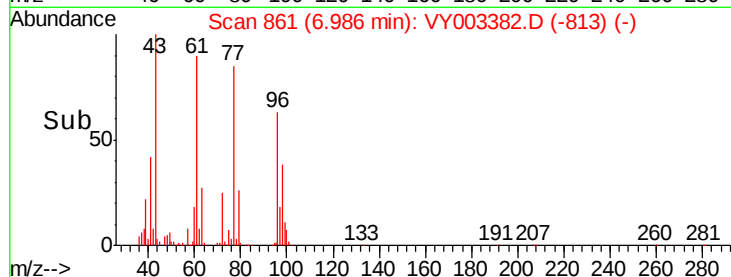
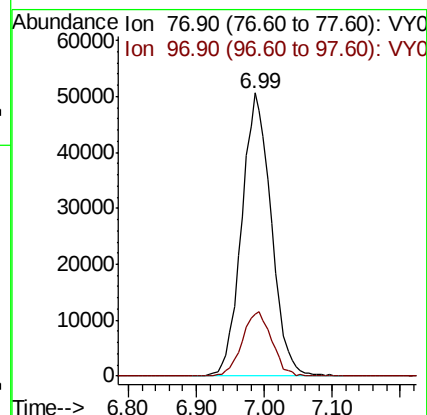
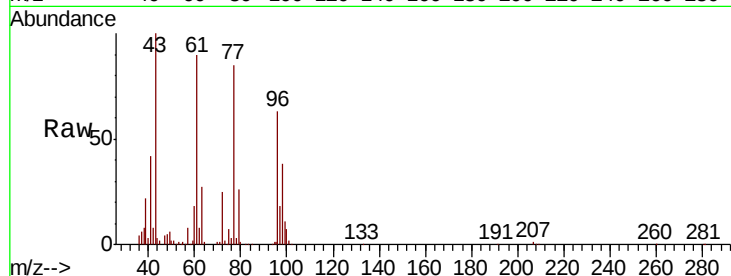
VSTDIC020

Tot Ion: 77 Resp: 152394

Ion Ratio Lower Upper

77 100

97 22.7 11.3 33.8



#27

cis-1,2-Dichloroethene

Concen: 19.934 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY003382.D

Acq: 31 Jul 2020 11:44

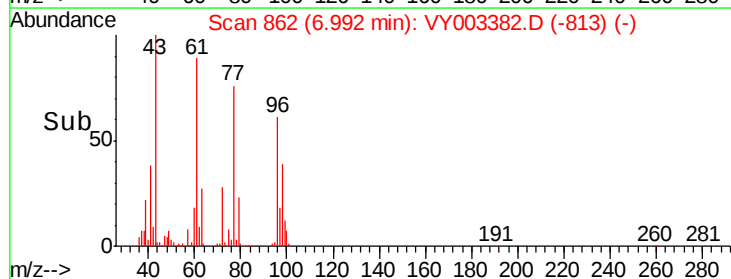
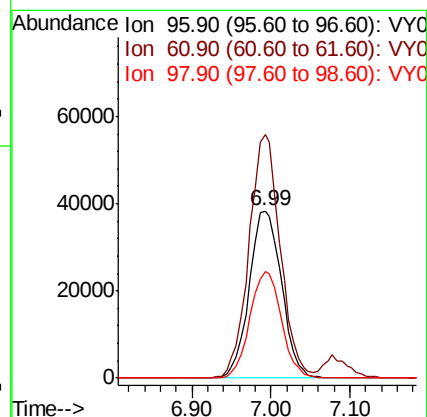
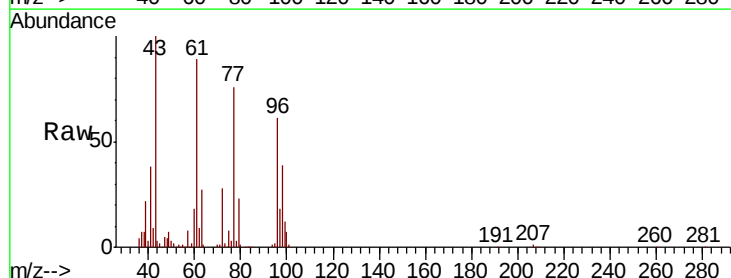
Tgt Ion: 96 Resp: 109187

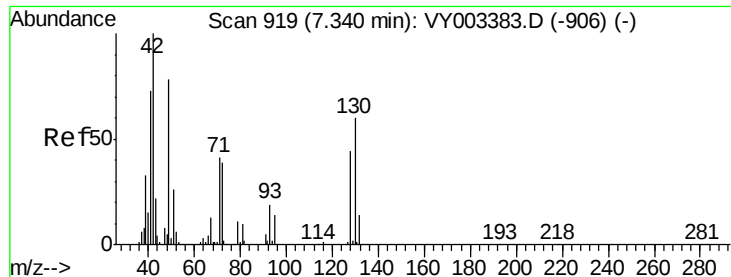
Ion Ratio Lower Upper

96 100

61 140.9 0.0 290.0

98 62.2 0.0 129.0





#28

Bromochloromethane

Concen: 21.368 ug/l

RT: 7.34 min Scan# 919

Delta R.T. -0.00 min

Lab File: VY003382.D

Acq: 31 Jul 2020 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

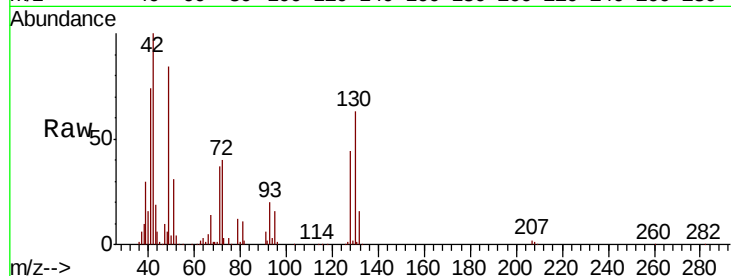
Tot Ion: 49 Resp: 72275

Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.4

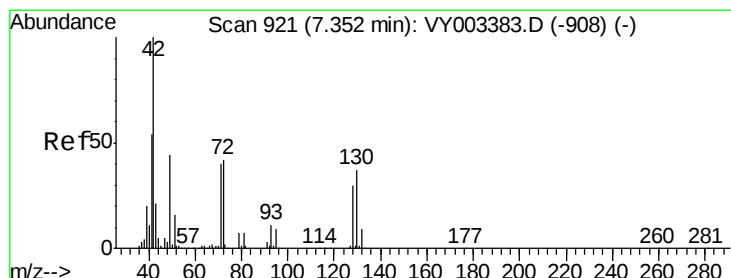
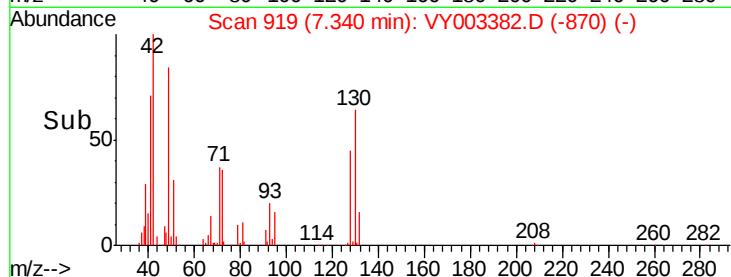
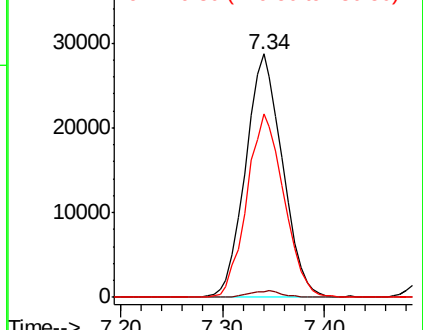
130 75.7 60.3 90.5



Abundance Ion 48.90 (48.60 to 49.60): VY0

Ion 128.80 (128.50 to 129.50): VY0

Ion 129.80 (129.50 to 130.50): VY0



#29

Tetrahydrofuran

Concen: 103.416 ug/l

RT: 7.35 min Scan# 921

Delta R.T. -0.00 min

Lab File: VY003382.D

Acq: 31 Jul 2020 11:44

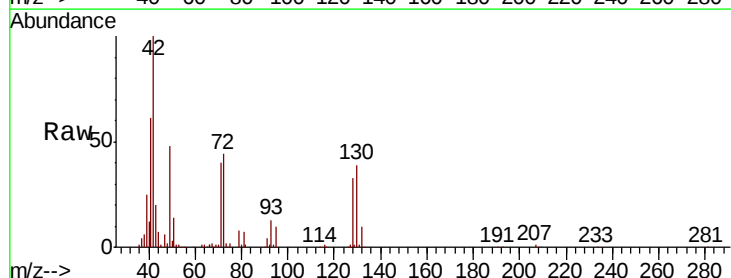
Tgt Ion: 42 Resp: 120919

Ion Ratio Lower Upper

42 100

72 42.0 33.5 50.3

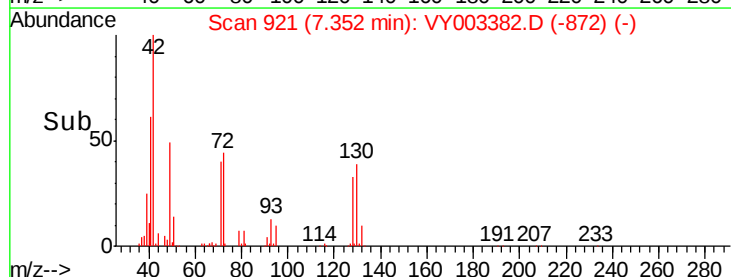
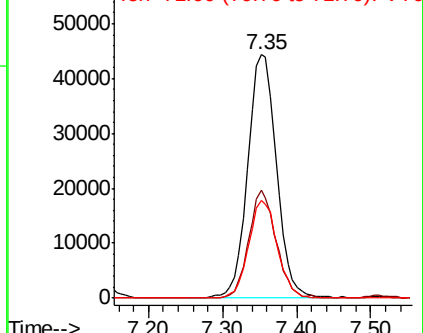
71 39.6 32.1 48.1

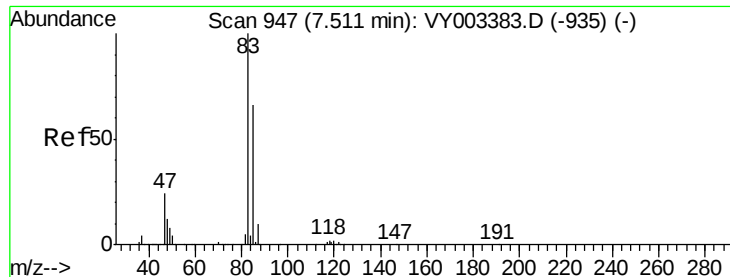


Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0

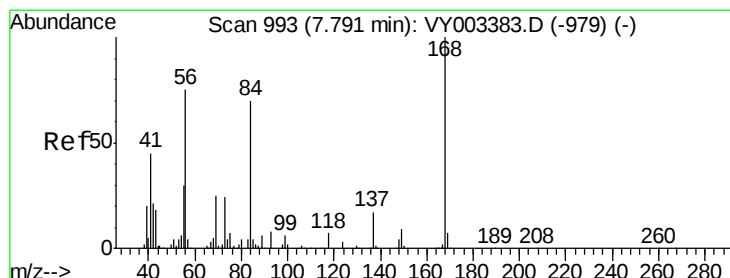
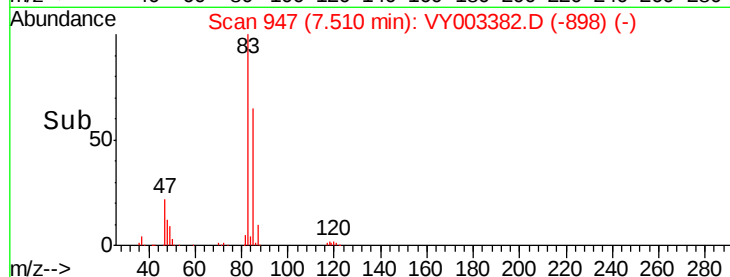
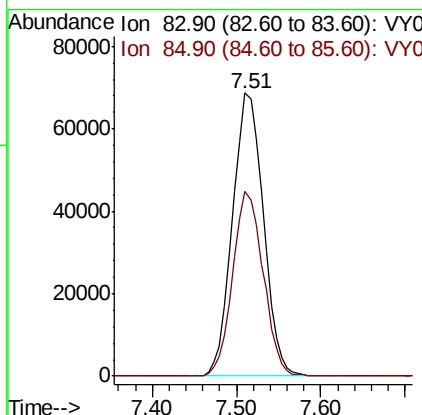
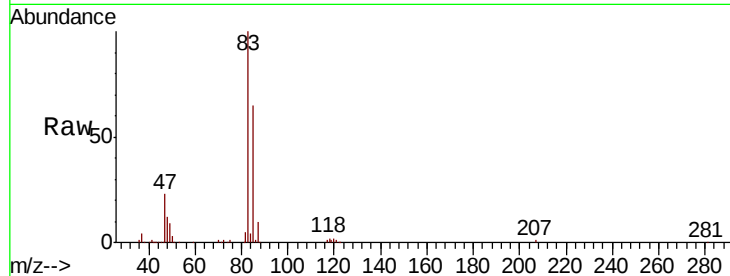




#30
Chloroform
Concen: 19.732 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.00 min
Lab File: VY003382.D
Acq: 31 Jul 2020 11:44

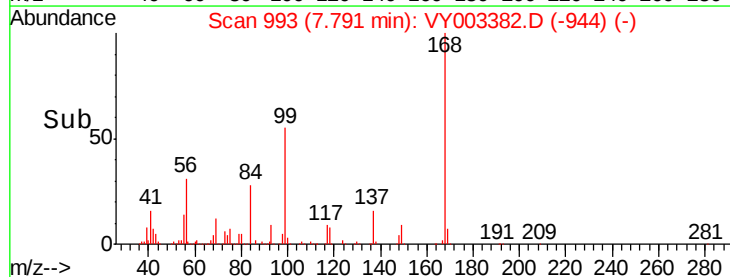
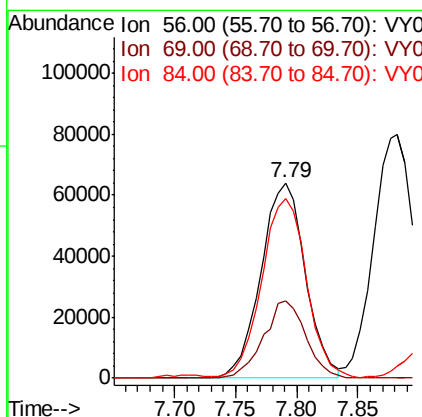
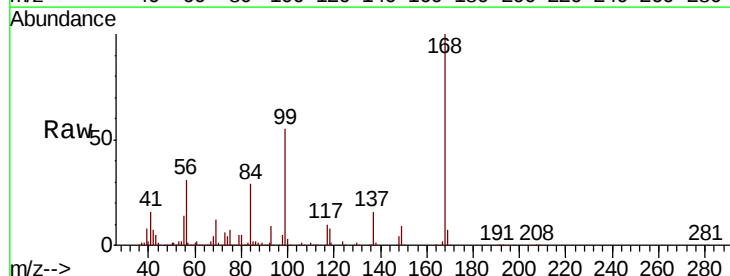
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

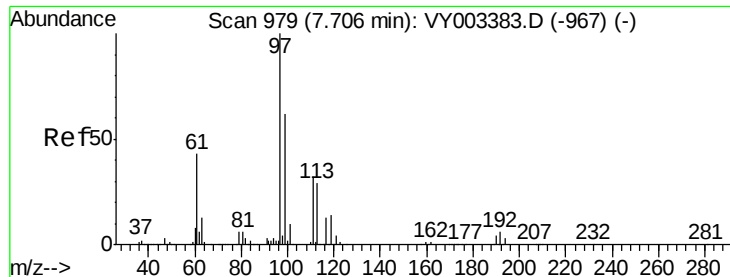
Tot Ion: 83 Resp: 170179
Ion Ratio Lower Upper
83 100
85 65.1 52.5 78.7



#31
Cyclohexane
Concen: 19.165 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: VY003382.D
Acq: 31 Jul 2020 11:44

Tgt Ion: 56 Resp: 161690
Ion Ratio Lower Upper
56 100
69 39.5 26.1 39.1#
84 90.4 73.9 110.9





#32

1,1,1-Trichloroethane

Concen: 19.406 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.00 min

Lab File: VY003382.D

Acq: 31 Jul 2020 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

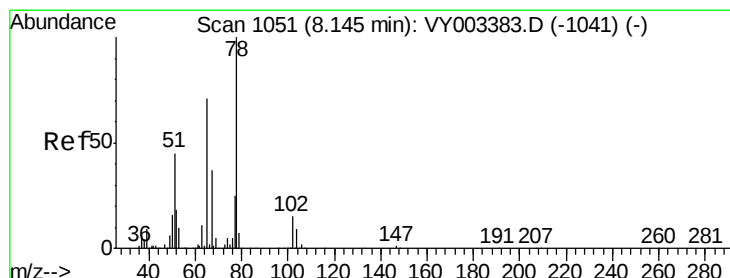
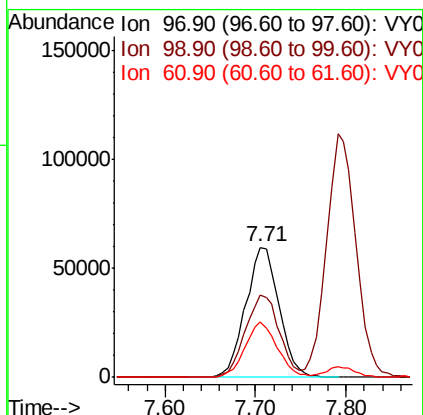
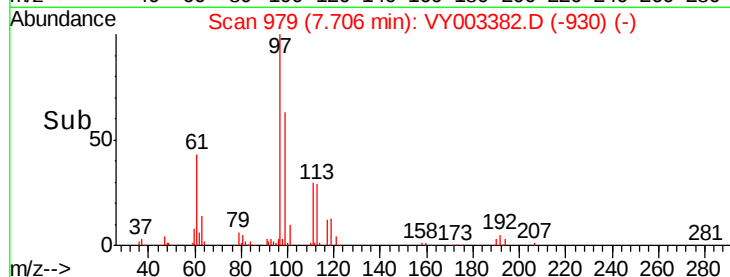
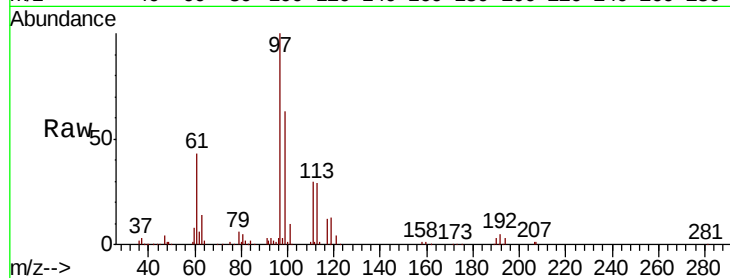
Tot Ion: 97 Resp: 152710

Ion Ratio Lower Upper

97 100

99 64.5 50.9 76.3

61 41.3 33.7 50.5



#33

1,2-Dichloroethane-d4

Concen: 19.020 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VY003382.D

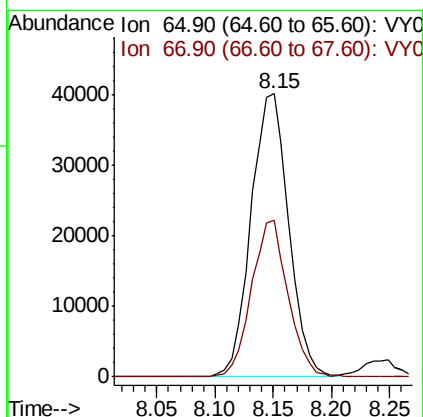
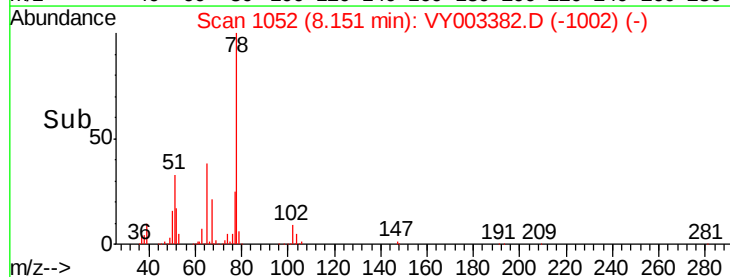
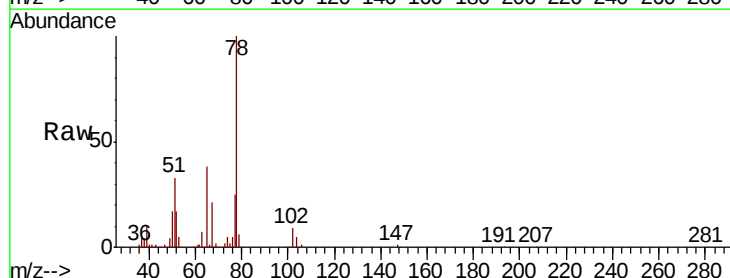
Acq: 31 Jul 2020 11:44

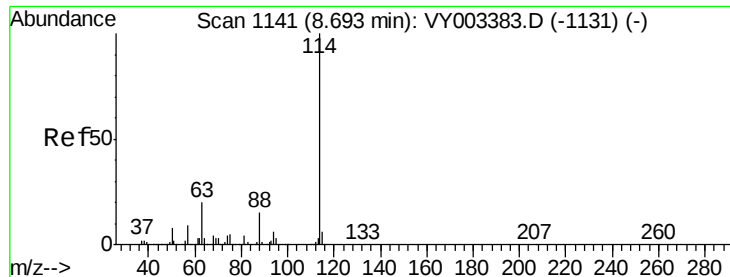
Tgt Ion: 65 Resp: 90526

Ion Ratio Lower Upper

65 100

67 53.7 0.0 106.6

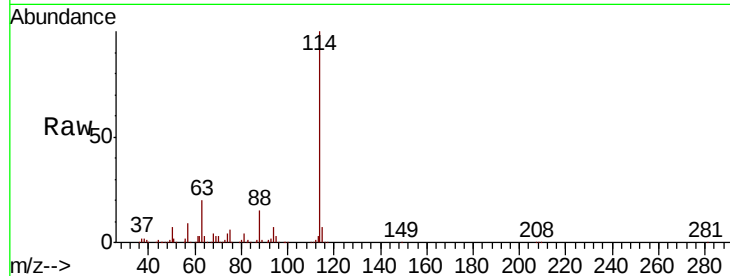




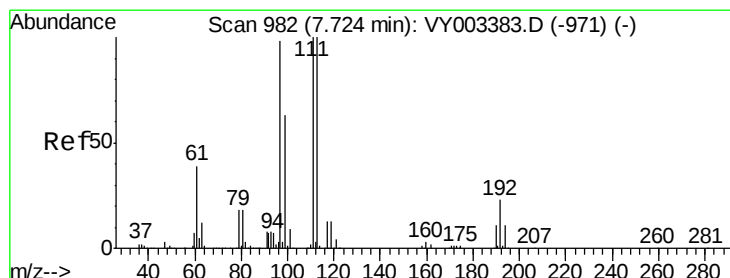
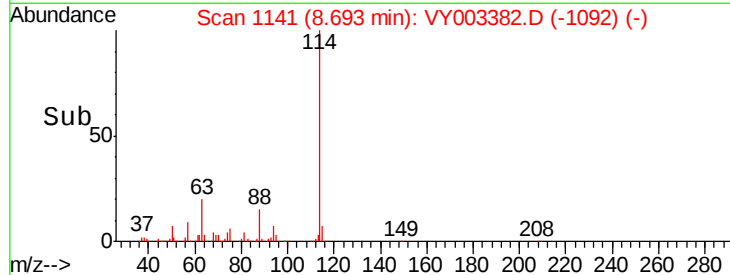
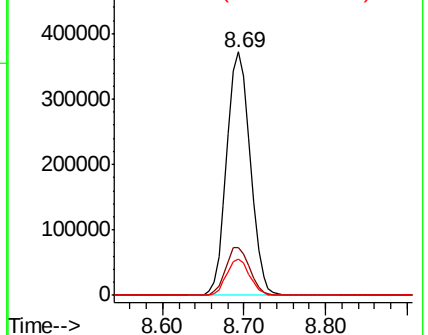
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. -0.00 min
Lab File: VY003382.D
Acq: 31 Jul 2020 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	40.6
88	14.6	0.0	29.2

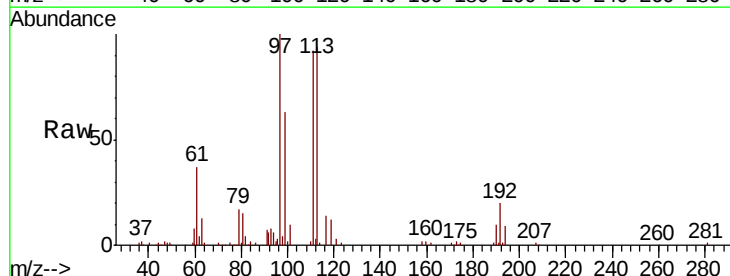


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VY0
Ion 87.90 (87.60 to 88.60): VY0

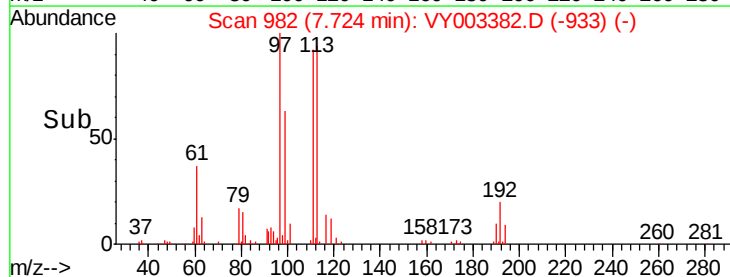
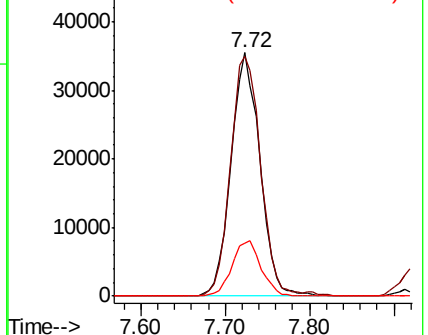


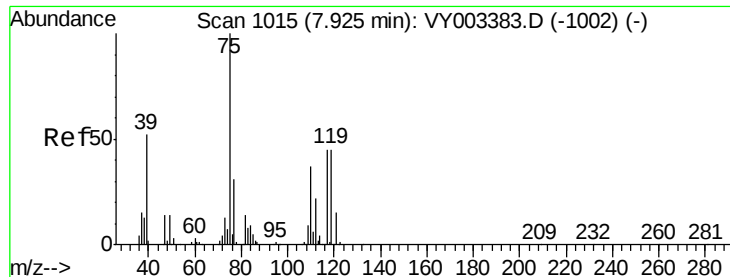
#35
Dibromofluoromethane
Concen: 18.969 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.00 min
Lab File: VY003382.D
Acq: 31 Jul 2020 11:44

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	83.0	124.4
192	22.9	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

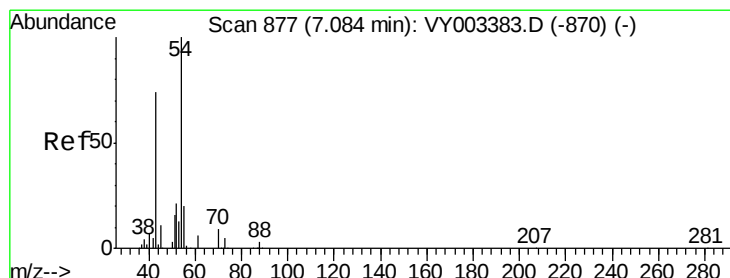
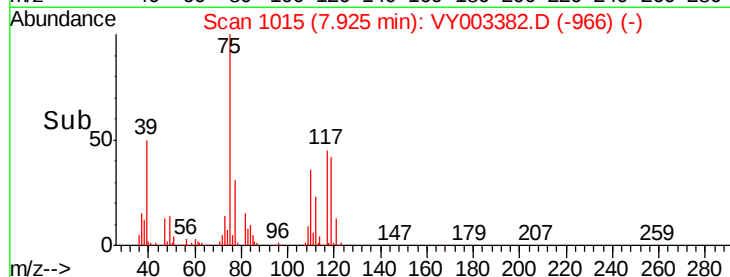
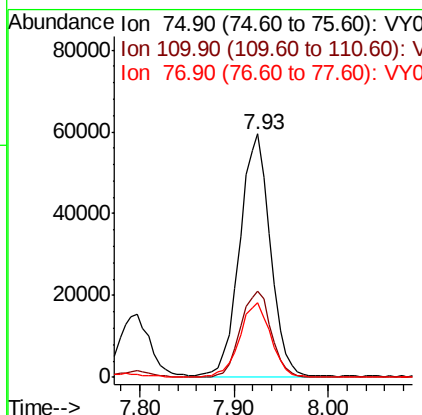
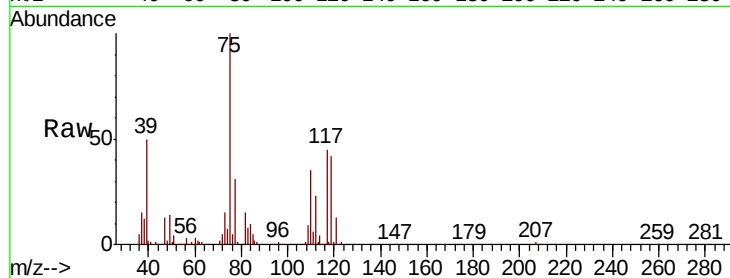




#36
 1,1-Dichloropropene
 Concen: 19.239 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VY003382.D
 Acq: 31 Jul 2020 11:44

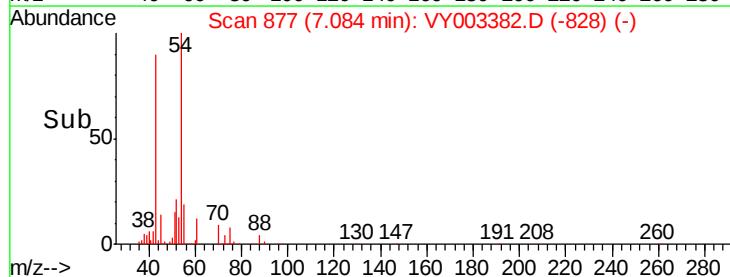
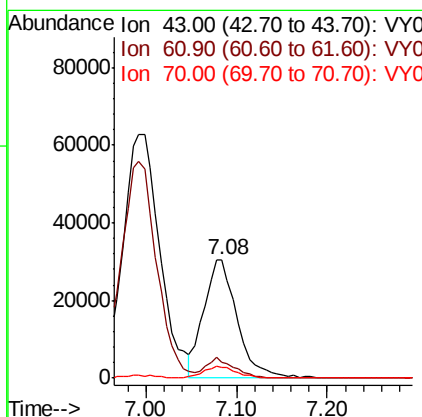
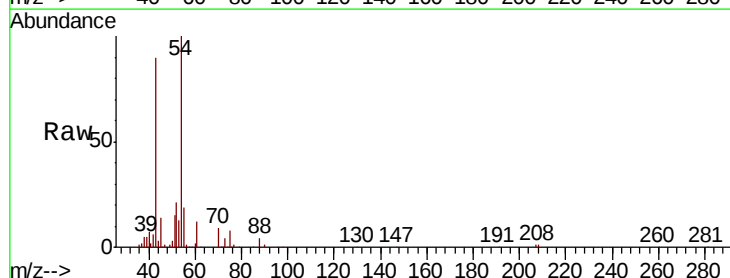
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

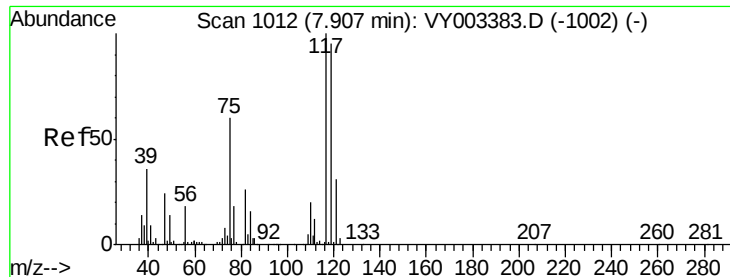
Tot Ion	75	Resp	134460
Ion Ratio	Lower	Upper	
75	100		
110	35.8	17.8	53.5
77	31.7	24.6	36.8



#37
 Ethyl Acetate
 Concen: 19.586 ug/l
 RT: 7.08 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: VY003382.D
 Acq: 31 Jul 2020 11:44

Tgt Ion	43	Resp	77834
Ion Ratio	Lower	Upper	
43	100		
61	14.7	11.2	16.8
70	9.8	7.7	11.5





#38

Carbon Tetrachloride

Concen: 19.574 ug/l

RT: 7.91 min Scan# 1012

Delta R.T. -0.00 min

Lab File: VY003382.D

Acq: 31 Jul 2020 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

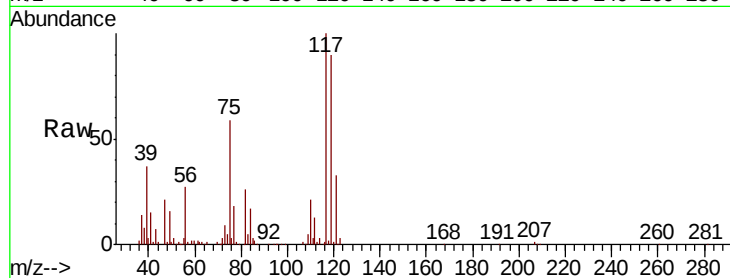
Tot Ion:117 Resp: 140769

Ion Ratio Lower Upper

117 100

119 90.2 76.1 114.1

121 33.0 24.5 36.7

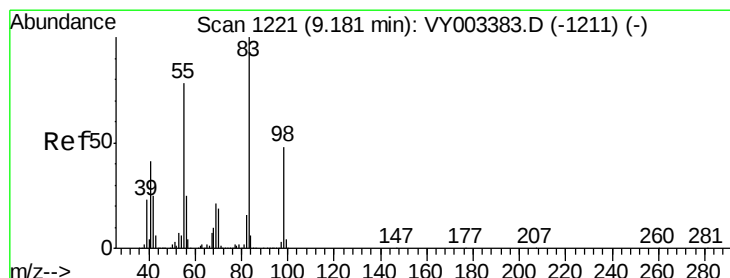
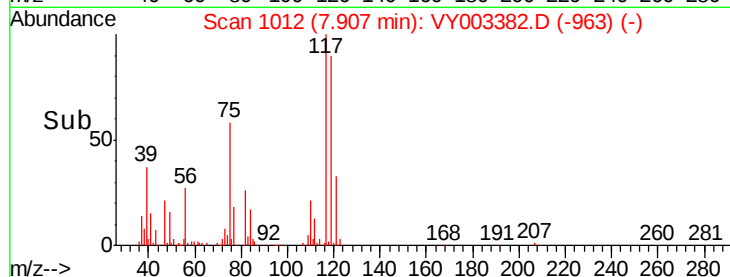
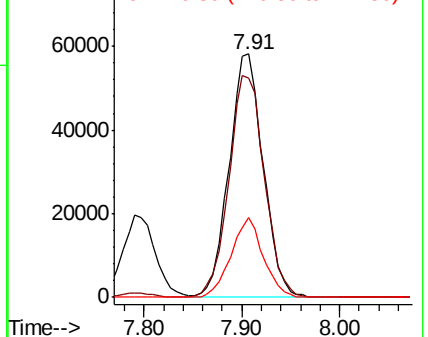


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 19.484 ug/l

RT: 9.19 min Scan# 1222

Delta R.T. 0.01 min

Lab File: VY003382.D

Acq: 31 Jul 2020 11:44

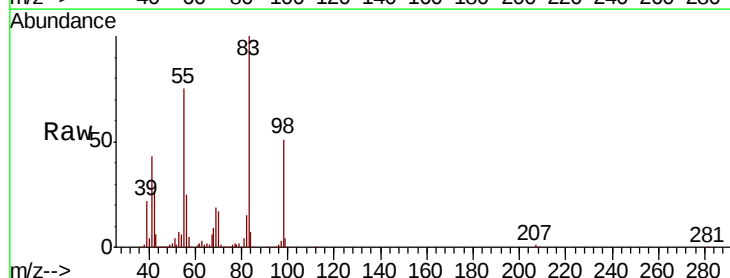
Tgt Ion: 83 Resp: 166146

Ion Ratio Lower Upper

83 100

55 74.7 62.2 93.4

98 51.0 38.7 58.1

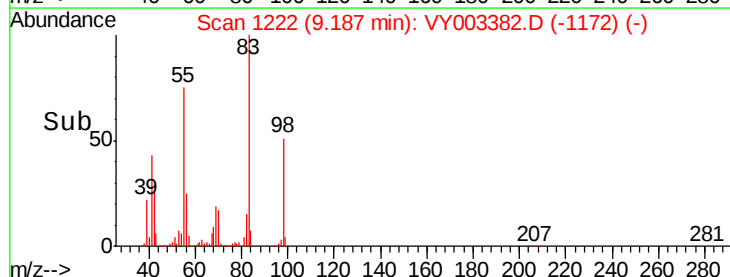
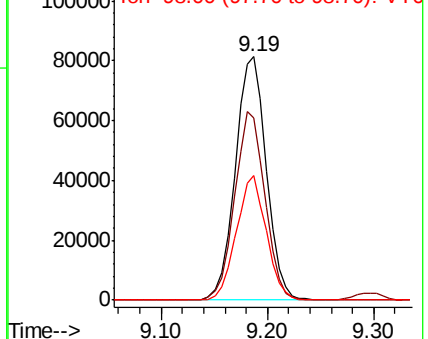


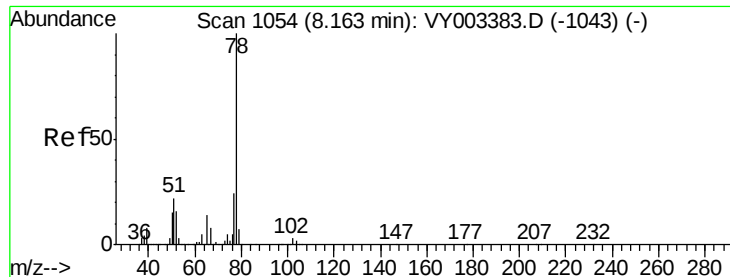
Abundance

Ion 83.00 (82.70 to 83.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 98.00 (97.70 to 98.70): VY0





#40

Benzene

Concen: 19.413 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.00 min

Lab File: VY003382.D

Acq: 31 Jul 2020 11:44

Instrument :

MSVOA_Y

ClientSampleId :

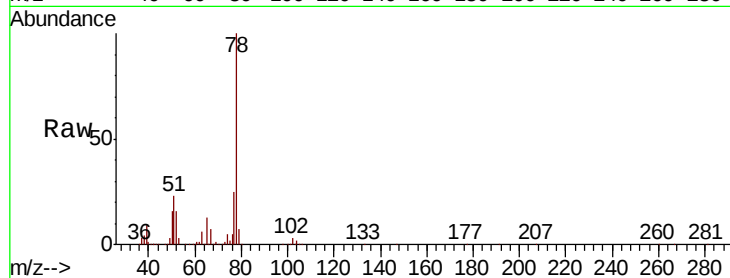
VSTDIC020

Tot Ion: 78 Resp: 376447

Ion Ratio Lower Upper

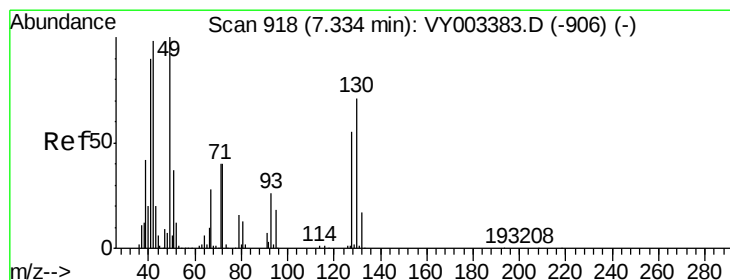
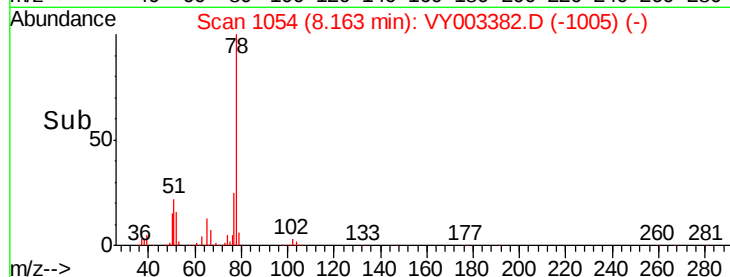
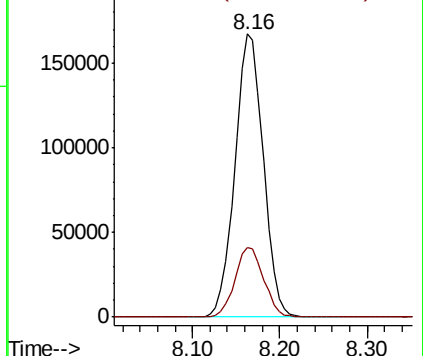
78 100

77 24.8 19.5 29.3



Abundance Ion 78.00 (77.70 to 78.70): VY0

Ion 77.00 (76.70 to 77.70): VY0



#41

Methacrylonitrile

Concen: 48.164 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.02 min

Lab File: VY003382.D

Acq: 31 Jul 2020 11:44

Tgt Ion: 41 Resp: 109728

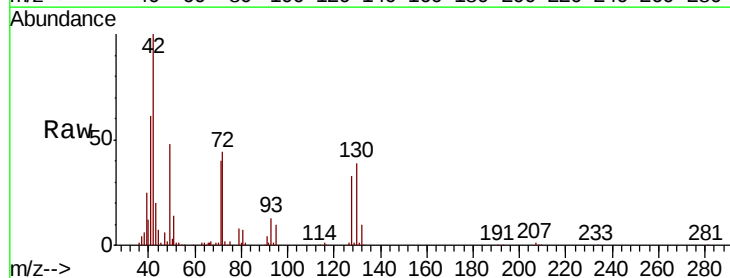
Ion Ratio Lower Upper

41 100

39 46.2 78.3 117.5#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

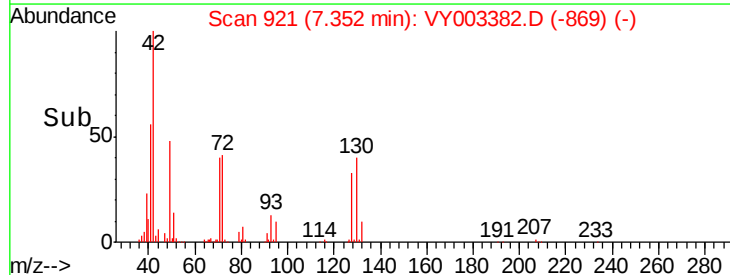
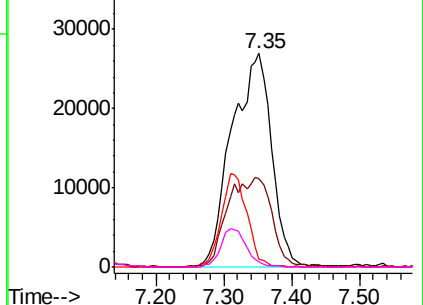


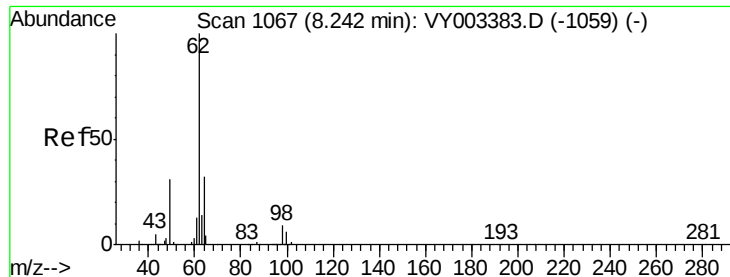
Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0





#42

1,2-Dichloroethane

Concen: 19.682 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VY003382.D

Acq: 31 Jul 2020 11:44

Instrument :

MSVOA_Y

ClientSampleId :

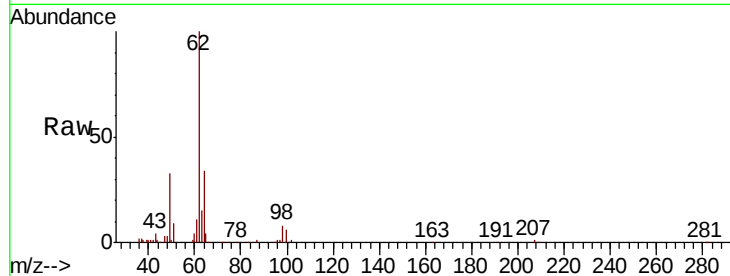
VSTDIC020

Tot Ion: 62 Resp: 116239

Ion Ratio Lower Upper

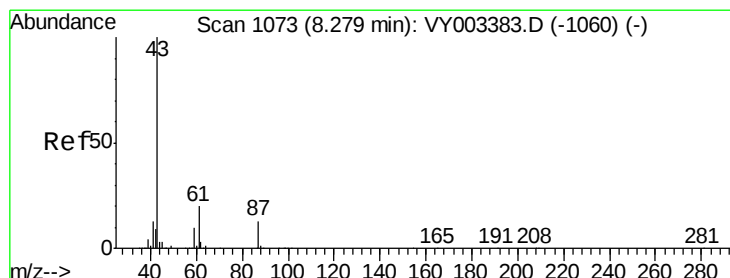
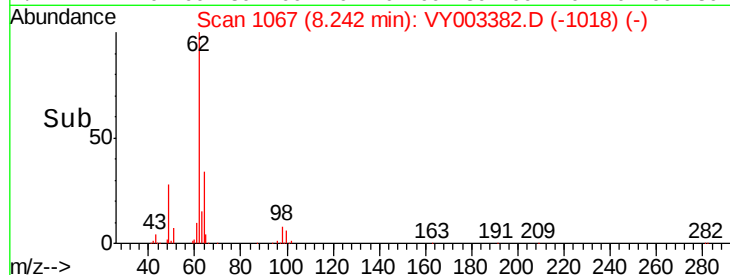
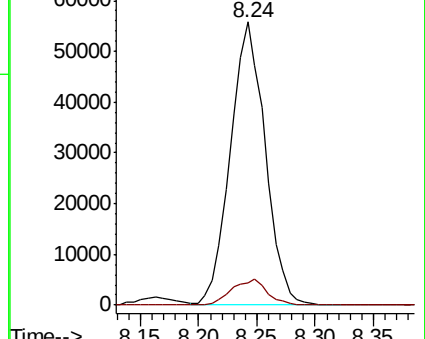
62 100

98 9.4 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#43

Isopropyl Acetate

Concen: 19.583 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VY003382.D

Acq: 31 Jul 2020 11:44

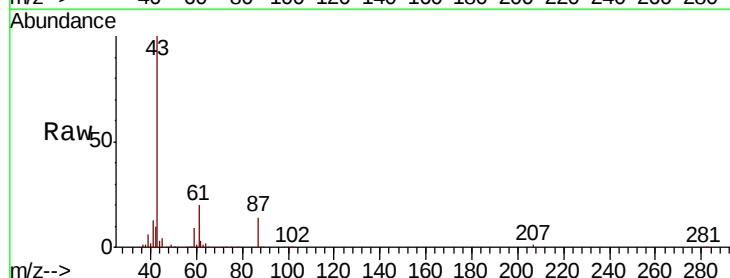
Tgt Ion: 43 Resp: 146884

Ion Ratio Lower Upper

43 100

61 28.7 23.0 34.4

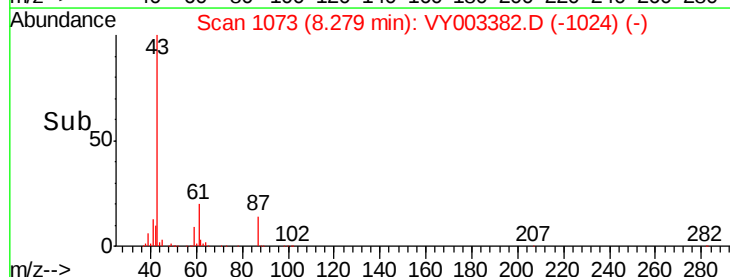
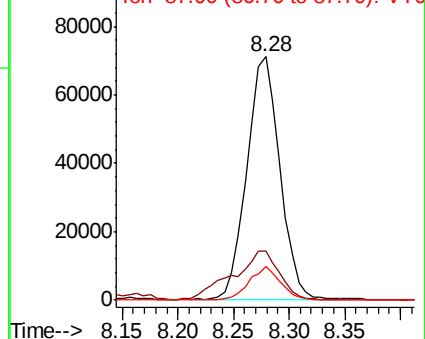
87 13.1 10.5 15.7

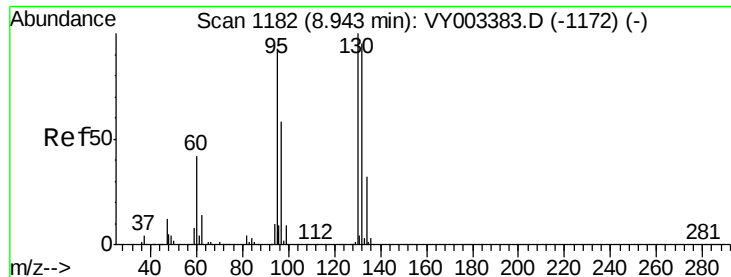


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

Ion 87.00 (86.70 to 87.70): VY0





#44

Trichloroethene

Concen: 19.596 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY003382.D

Acq: 31 Jul 2020 11:44

Instrument :

MSVOA_Y

ClientSampleId :

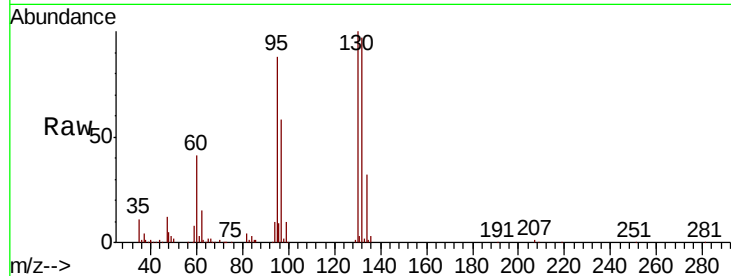
VSTDIC020

Tot Ion:130 Resp: 109285

Ion Ratio Lower Upper

130 100

95 88.1 0.0 186.8



Abundance Ion 129.80 (129.50 to 130.50): VY003383.D (-1172) (-)

Ion 94.90 (94.60 to 95.60): VY003382.D (-1133) (-)

8.94

60000

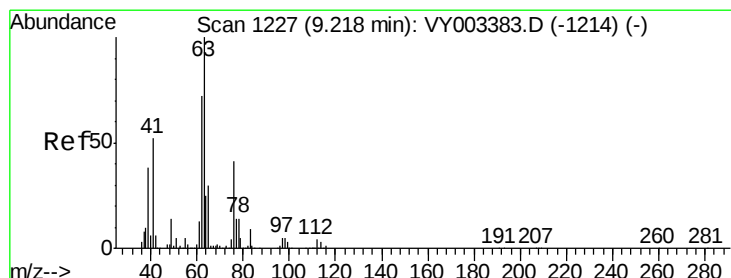
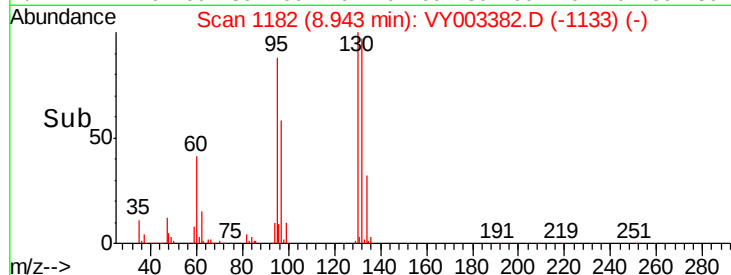
40000

20000

0

8.85 8.90 8.95 9.00

Time-->



#45

1,2-Dichloropropane

Concen: 19.850 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VY003382.D

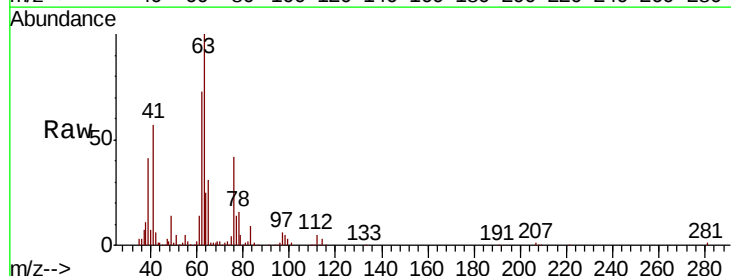
Acq: 31 Jul 2020 11:44

Tgt Ion: 63 Resp: 100802

Ion Ratio Lower Upper

63 100

65 31.3 23.8 35.8



Abundance Ion 62.90 (62.60 to 63.60): VY003383.D (-1214) (-)

Ion 64.90 (64.60 to 65.60): VY003382.D (-1178) (-)

9.22

50000

40000

30000

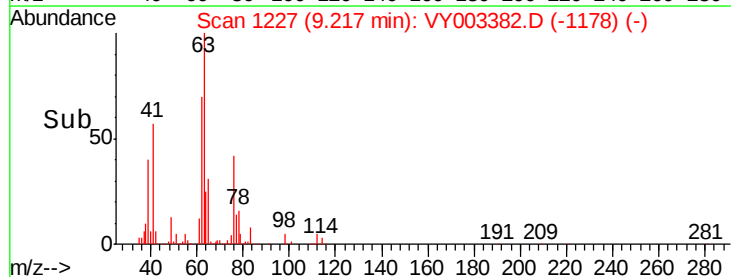
20000

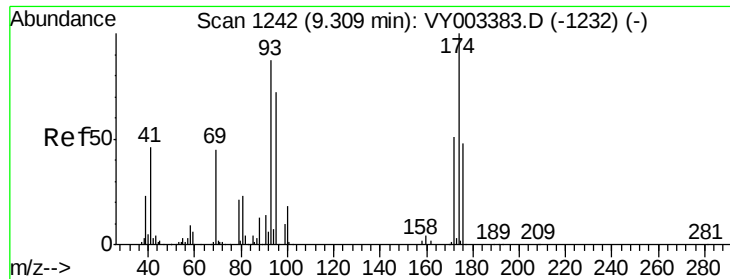
10000

0

9.10 9.20 9.30

Time-->





#46

Dibromomethane

Concen: 19.777 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY003382.D

Acq: 31 Jul 2020 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

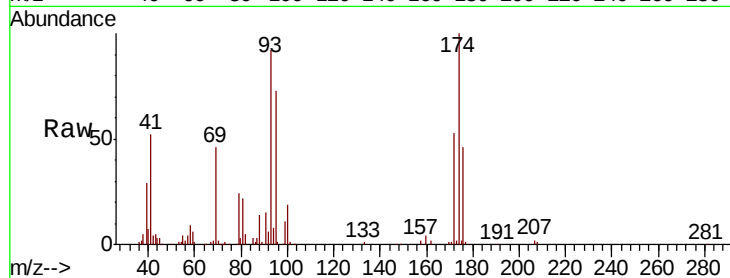
Tot Ion: 93 Resp: 56348

Ion Ratio Lower Upper

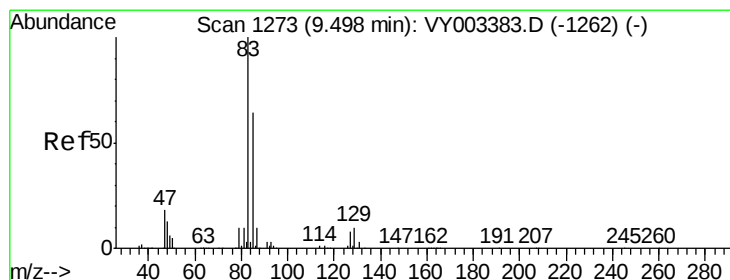
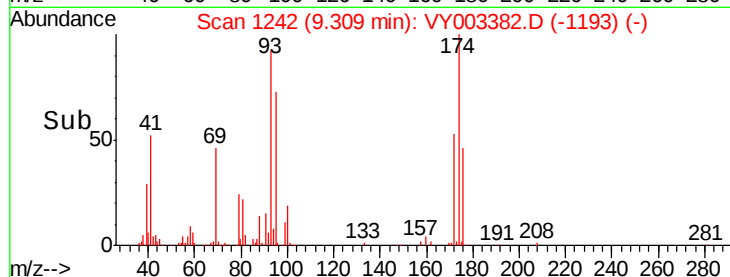
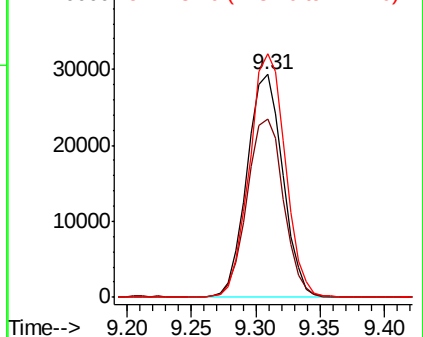
93 100

95 81.5 65.4 98.0

174 109.0 88.6 133.0



Abundance Ion 92.80 (92.50 to 93.50): VY0
Ion 94.80 (94.50 to 95.50): VY0
Ion 173.70 (173.40 to 174.40): V



#47

Bromodichloromethane

Concen: 19.809 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003382.D

Acq: 31 Jul 2020 11:44

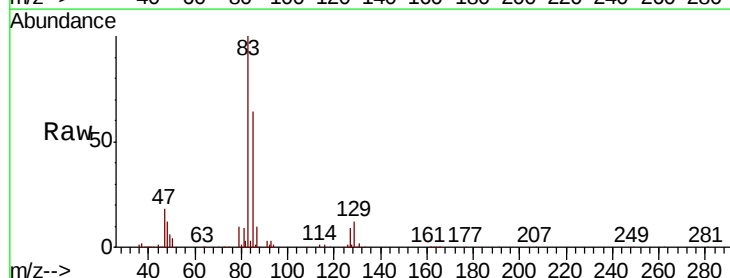
Tgt Ion: 83 Resp: 136000

Ion Ratio Lower Upper

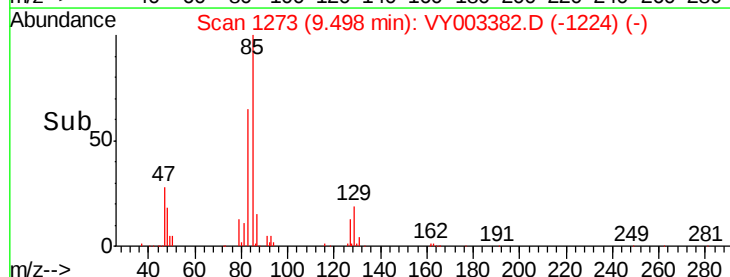
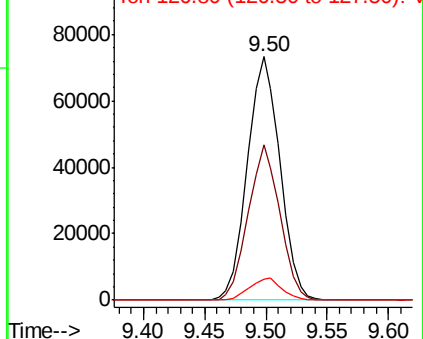
83 100

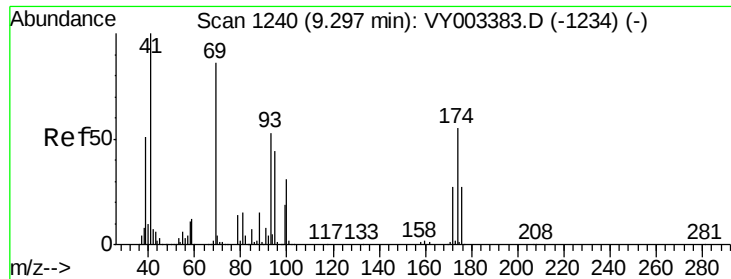
85 64.0 51.6 77.4

127 8.5 6.5 9.7



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

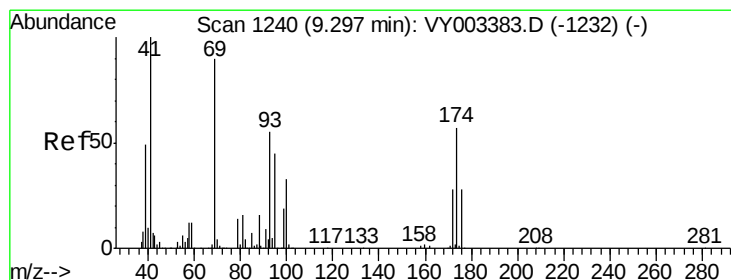
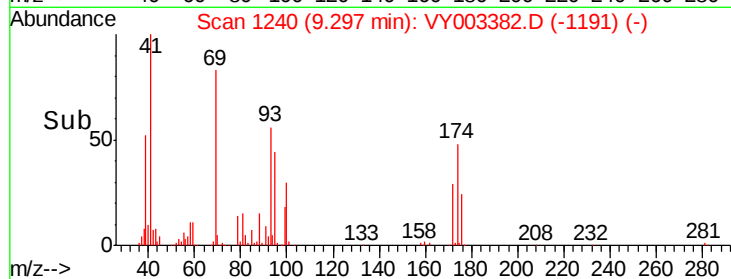
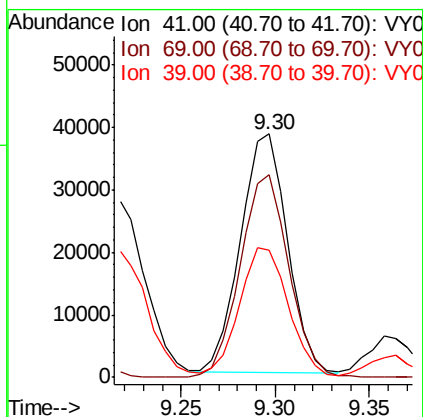
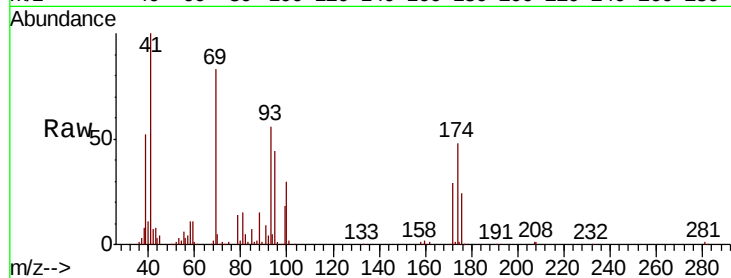




#48
Methvl methacrylate
Concen: 19.629 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY003382.D
Acq: 31 Jul 2020 11:44

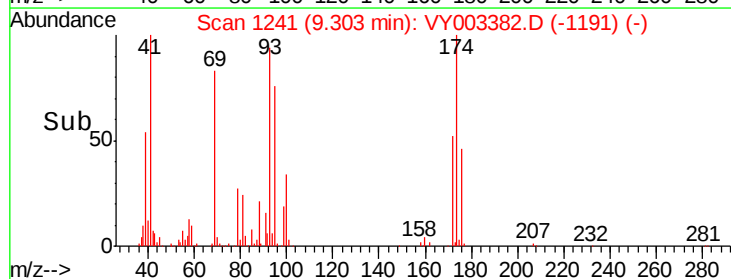
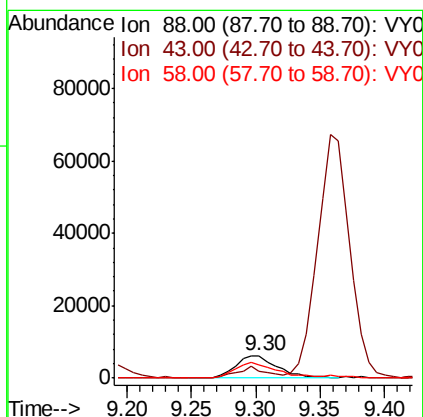
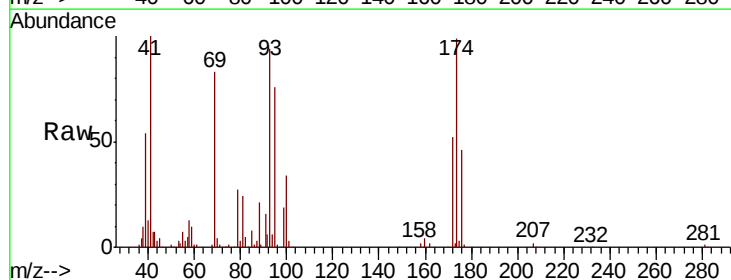
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

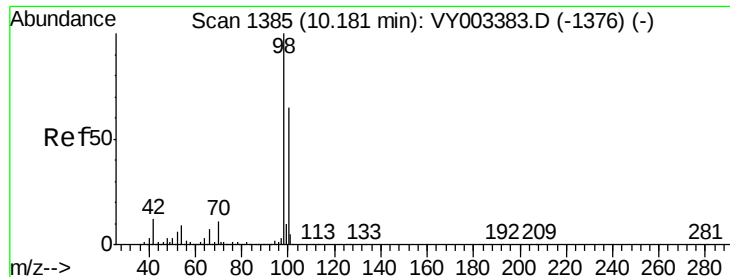
Tot Ion: 41 Resp: 66457
Ion Ratio Lower Upper
41 100
69 87.7 68.9 103.3
39 54.4 43.1 64.7



#49
1,4-Dioxane
Concen: 387.007 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY003382.D
Acq: 31 Jul 2020 11:44

Tgt Ion: 88 Resp: 14271
Ion Ratio Lower Upper
88 100
43 32.9 24.9 37.3
58 70.5 54.3 81.5





#50

Toluene-d8

Concen: 18.358 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003382.D

Acq: 31 Jul 2020 11:44

Instrument :

MSVOA_Y

ClientSampleId :

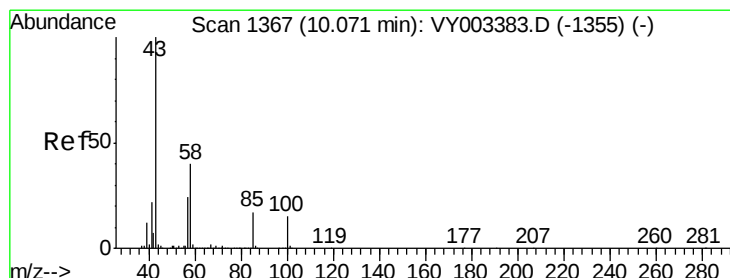
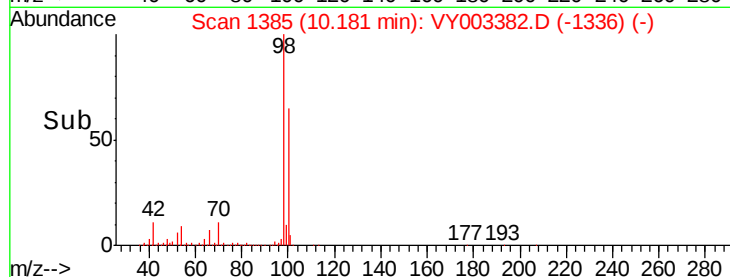
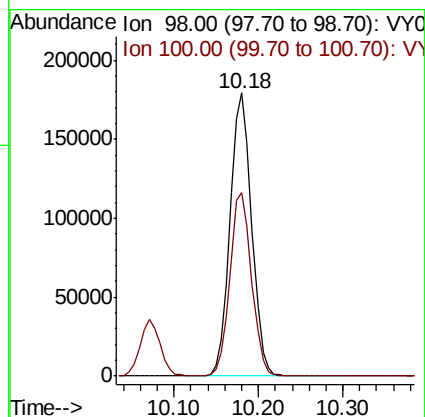
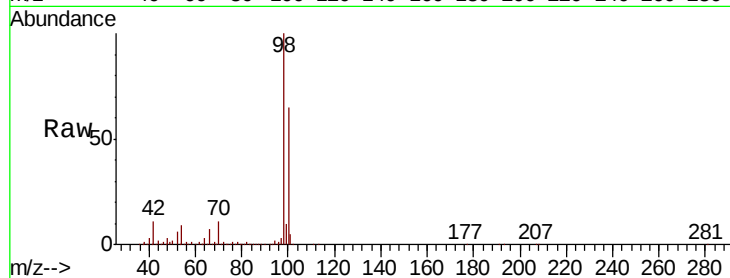
VSTDIC020

Tot Ion: 98 Resp: 312740

Ion Ratio Lower Upper

98 100

100 64.9 51.3 76.9



#51

4-Methyl-2-Pentanone

Concen: 101.240 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY003382.D

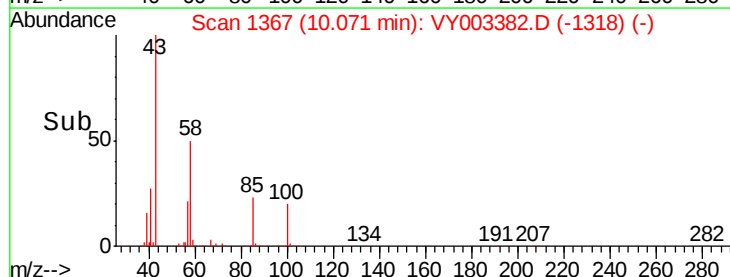
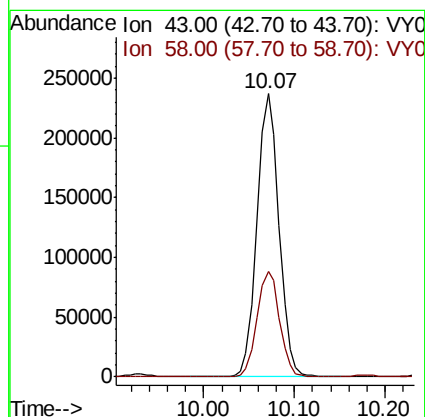
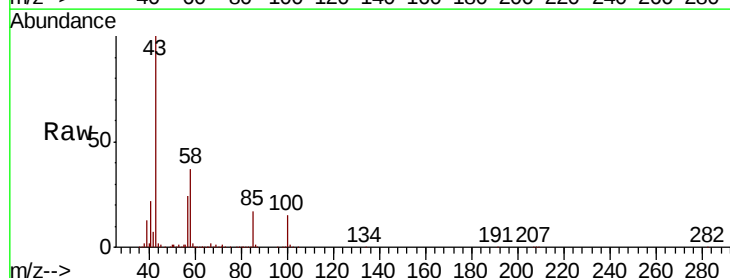
Acq: 31 Jul 2020 11:44

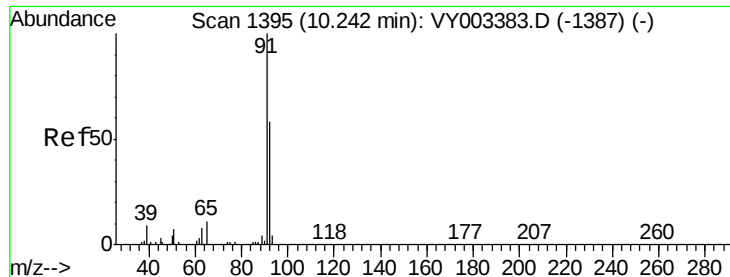
Tgt Ion: 43 Resp: 397949

Ion Ratio Lower Upper

43 100

58 38.2 31.6 47.4





#52

Toluene

Concen: 19.364 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VY003382.D

Acq: 31 Jul 2020 11:44

Instrument :

MSVOA_Y

ClientSampleId :

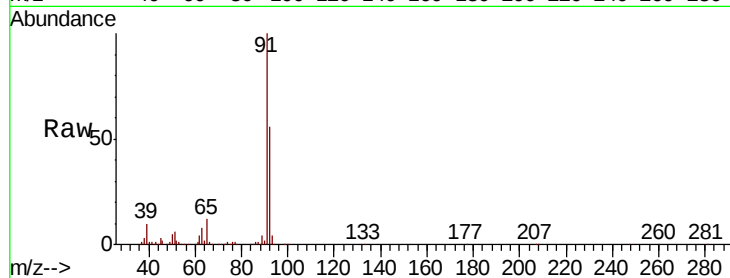
VSTDIC020

Tot Ion: 92 Resp: 235496

Ion Ratio Lower Upper

92 100

91 176.8 139.4 209.0



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

250000

200000

150000

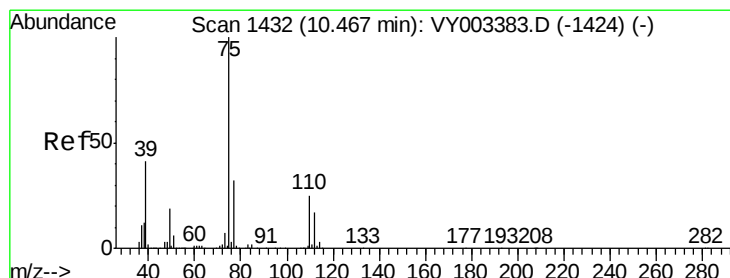
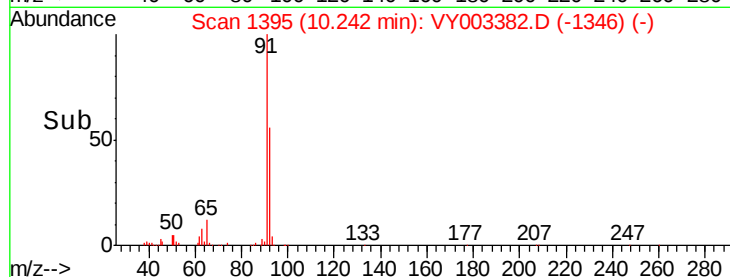
100000

50000

0

10.10 10.20 10.30

Time-->



#53

t-1,3-Dichloropropene

Concen: 19.759 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003382.D

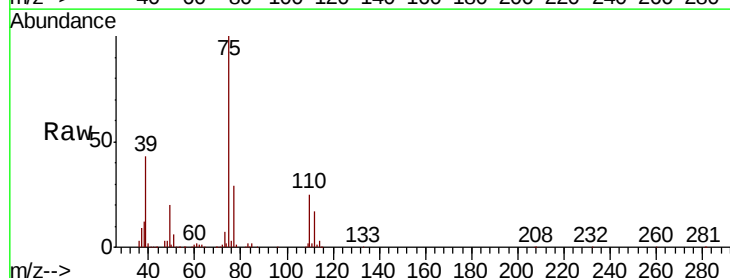
Acq: 31 Jul 2020 11:44

Tgt Ion: 75 Resp: 143979

Ion Ratio Lower Upper

75 100

77 29.5 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

100000

80000

60000

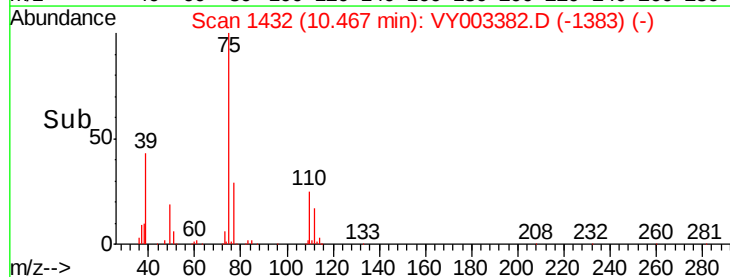
40000

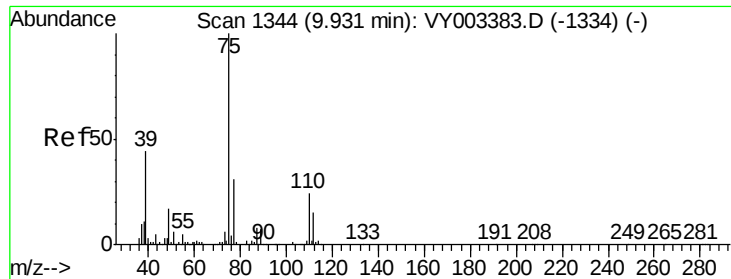
20000

0

10.40 10.50

Time-->

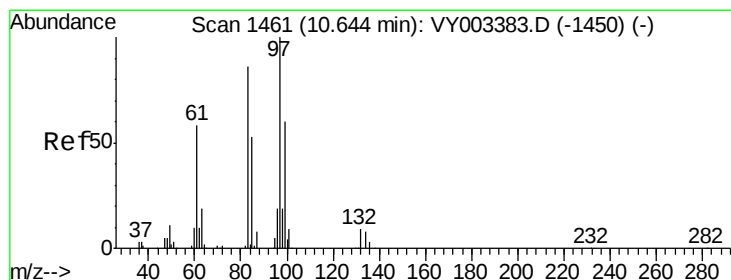
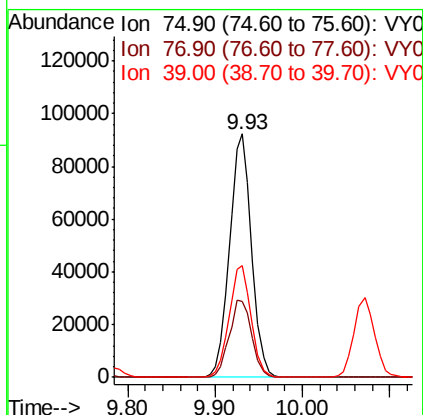
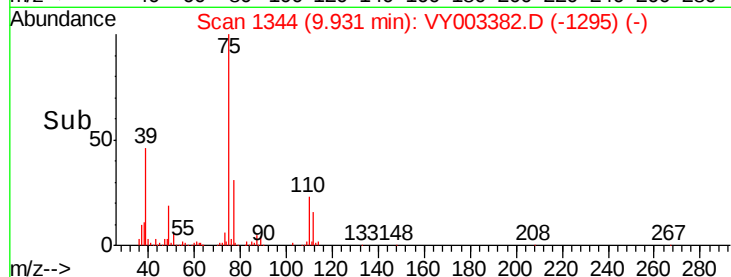
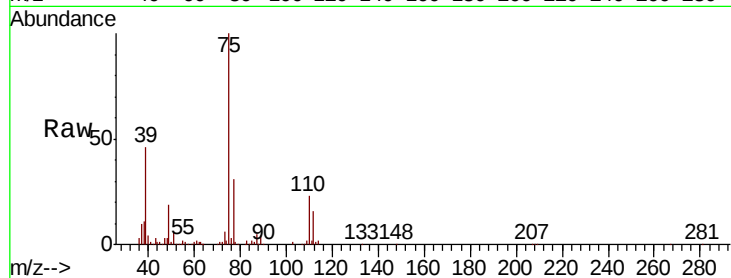




#54
 cis-1,3-Dichloropropene
 Concen: 19.470 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. -0.00 min
 Lab File: VY003382.D
 Acq: 31 Jul 2020 11:44

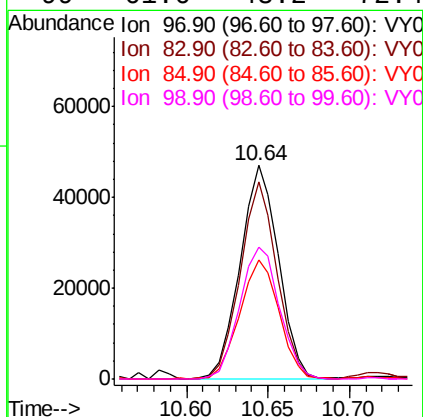
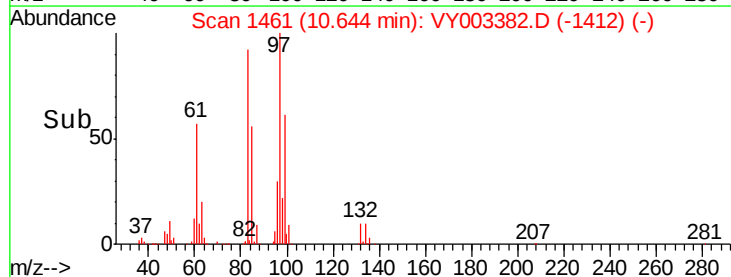
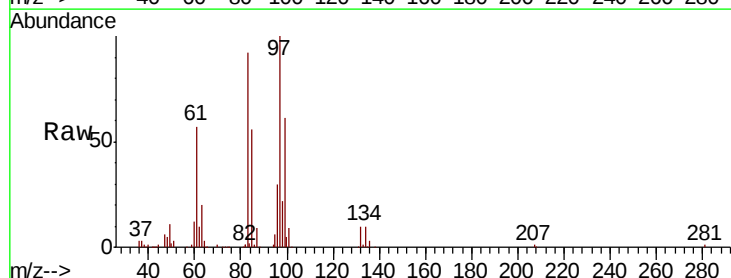
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

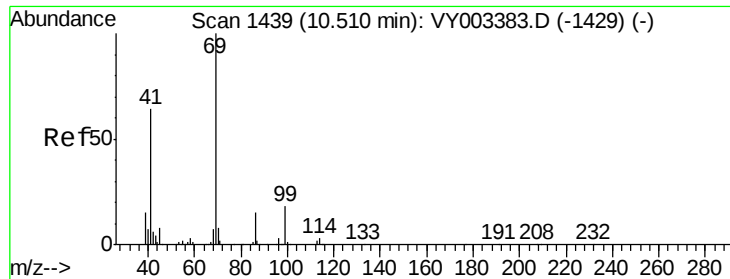
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.0	24.8	37.2
39	46.0	34.8	52.2



#55
 1,1,2-Trichloroethane
 Concen: 19.186 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003382.D
 Acq: 31 Jul 2020 11:44

Tgt Ion	Ratio	Lower	Upper
97	100		
83	92.5	69.1	103.7
85	55.6	42.5	63.7
99	61.6	48.2	72.4





#56

Ethyl methacrylate

Concen: 19.537 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. -0.00 min

Lab File: VY003382.D

Acq: 31 Jul 2020 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

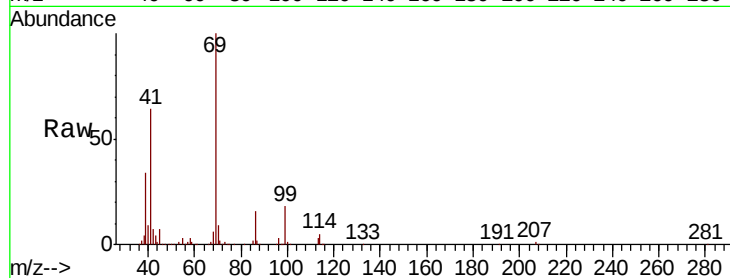
Tot Ion: 69 Resp: 108091

Ion Ratio Lower Upper

69 100

41 65.4 52.2 78.4

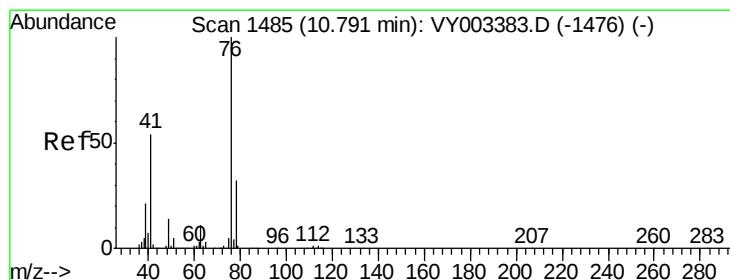
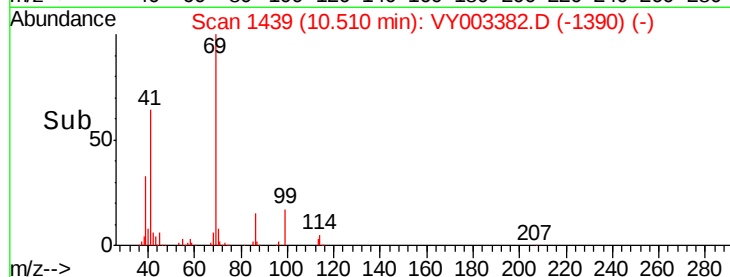
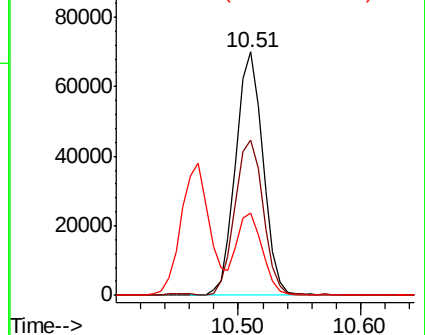
39 31.0 24.7 37.1



Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0



#57

1,3-Dichloropropane

Concen: 19.920 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003382.D

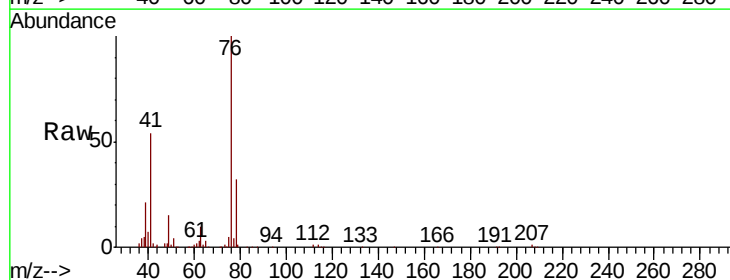
Acq: 31 Jul 2020 11:44

Tgt Ion: 76 Resp: 138352

Ion Ratio Lower Upper

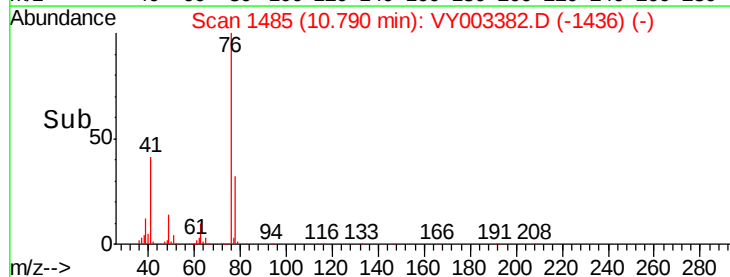
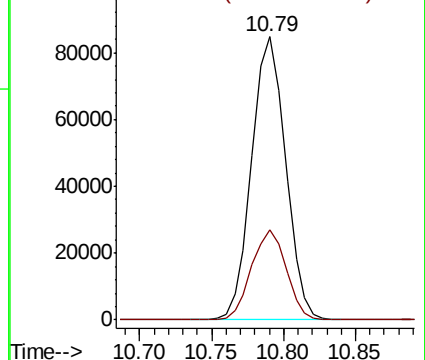
76 100

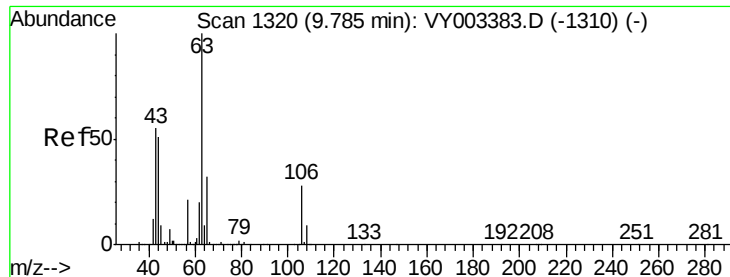
78 32.5 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

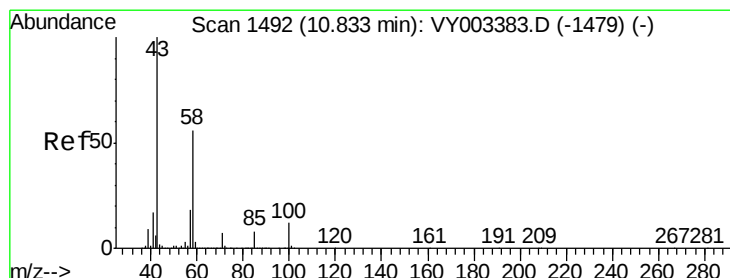
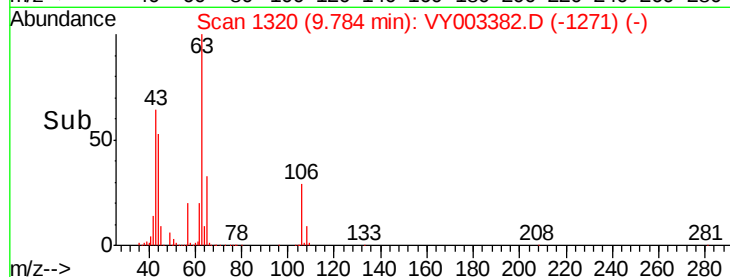
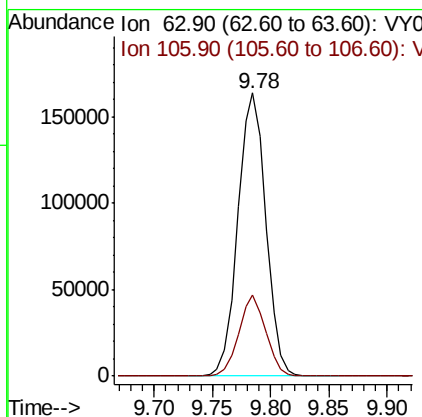
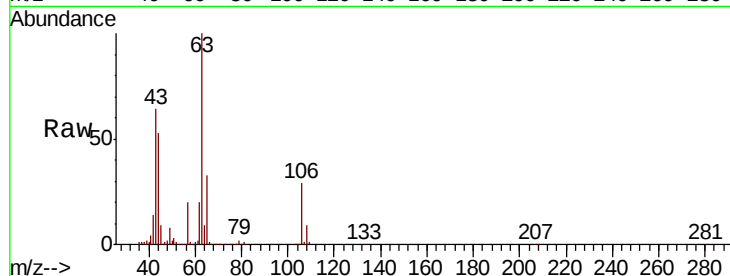




#58
2-Chloroethyl Vinyl ether
Concen: 106.945 ug/l
RT: 9.78 min Scan# 1320
Delta R.T. -0.00 min
Lab File: VY003382.D
Acq: 31 Jul 2020 11:44

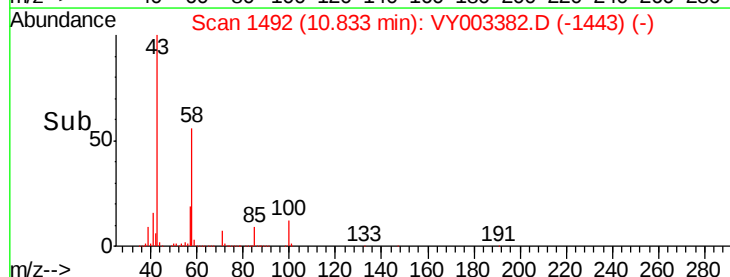
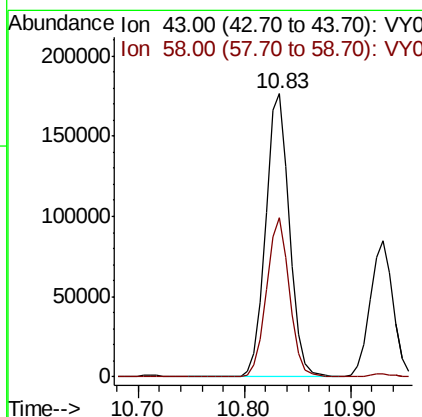
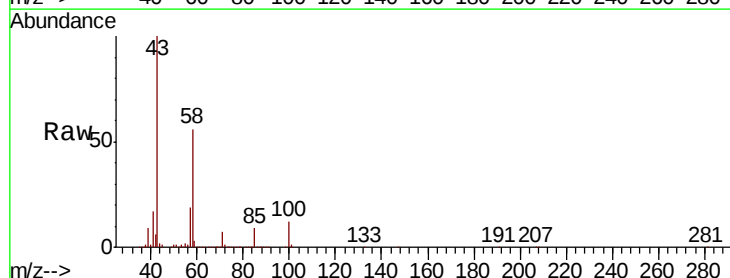
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

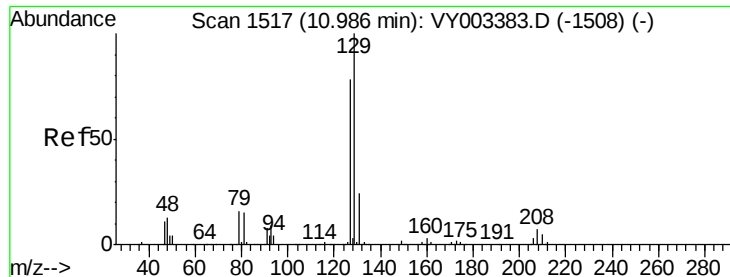
Tot Ion: 63 Resp: 274059
Ion Ratio Lower Upper
63 100
106 27.5 21.8 32.6



#59
2-Hexanone
Concen: 100.477 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003382.D
Acq: 31 Jul 2020 11:44

Tgt Ion: 43 Resp: 275246
Ion Ratio Lower Upper
43 100
58 54.5 27.6 82.8





#60

Dibromochloromethane

Concen: 19.500 ug/l

RT: 10.99 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VY003382.D

Acq: 31 Jul 2020 11:44

Instrument :

MSVOA_Y

ClientSampleId :

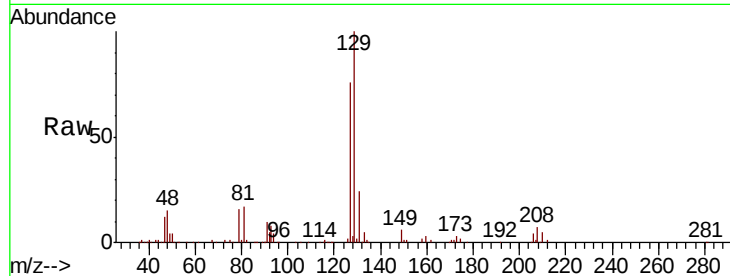
VSTDIC020

Tot Ion:129 Resp: 97866

Ion Ratio Lower Upper

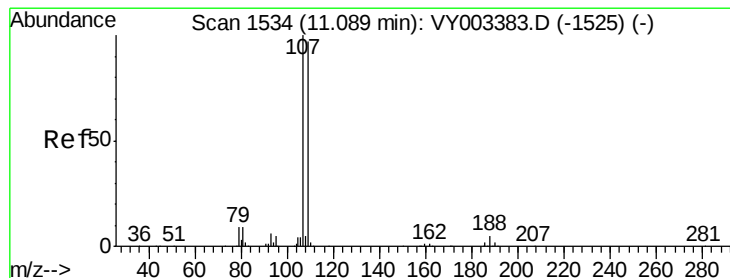
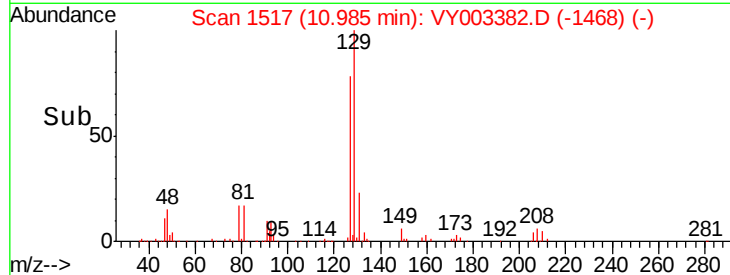
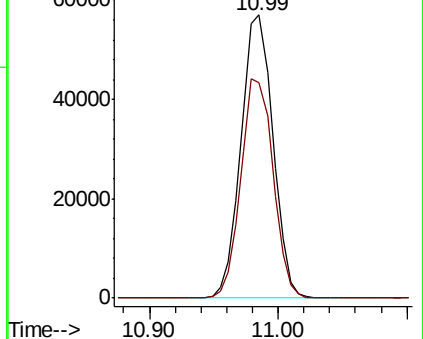
129 100

127 77.9 38.7 116.1



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 19.966 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VY003382.D

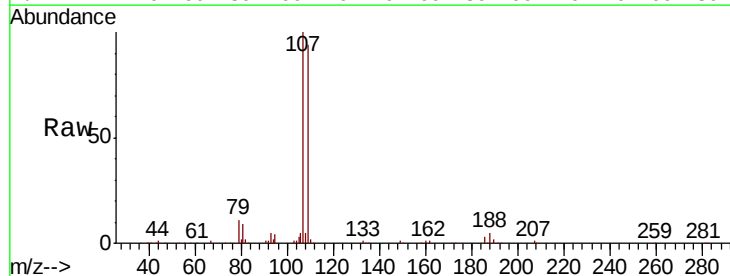
Acq: 31 Jul 2020 11:44

Tgt Ion:107 Resp: 77303

Ion Ratio Lower Upper

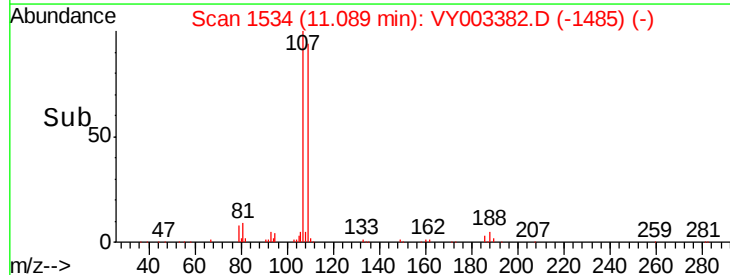
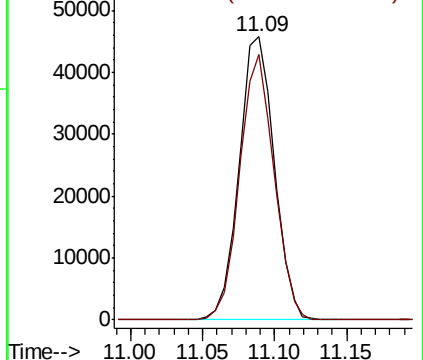
107 100

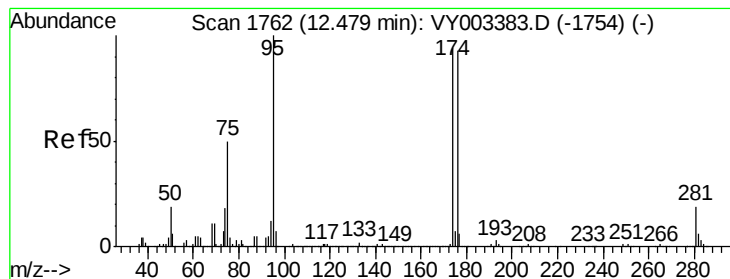
109 91.6 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 18.801 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003382.D

Acq: 31 Jul 2020 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

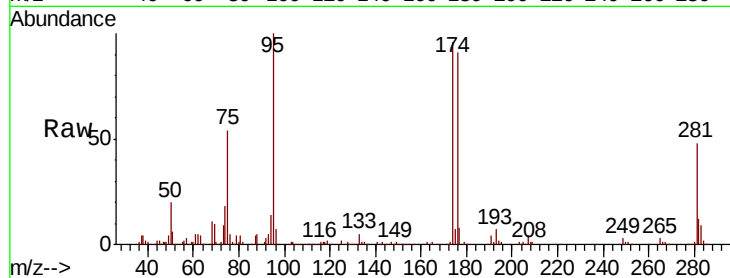
Tot Ion: 95 Resp: 109431

Ion Ratio Lower Upper

95 100

174 96.2 0.0 190.0

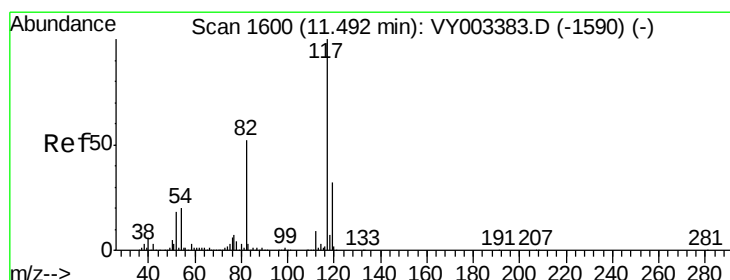
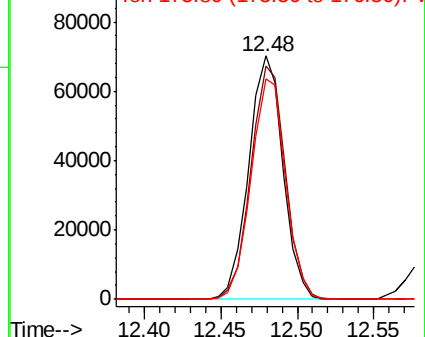
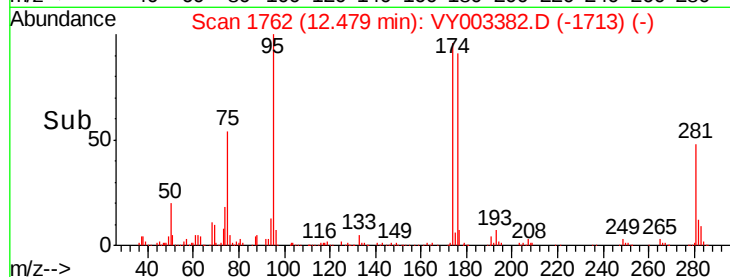
176 91.2 0.0 184.4



Abundance Ion 94.90 (94.60 to 95.60): VY003382.D (-1754) (-)

Ion 173.80 (173.50 to 174.50): VY003382.D (-1754) (-)

Ion 175.80 (175.50 to 176.50): VY003382.D (-1754) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY003382.D

Acq: 31 Jul 2020 11:44

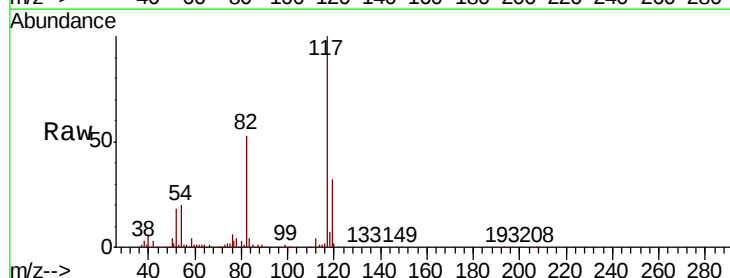
Tgt Ion: 117 Resp: 679539

Ion Ratio Lower Upper

117 100

82 53.1 41.9 62.9

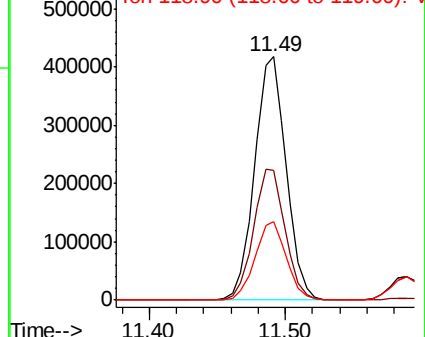
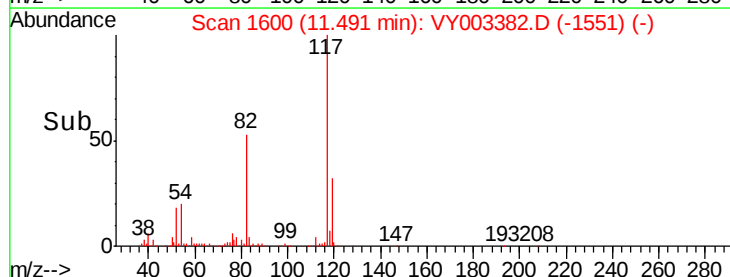
119 32.4 25.4 38.0

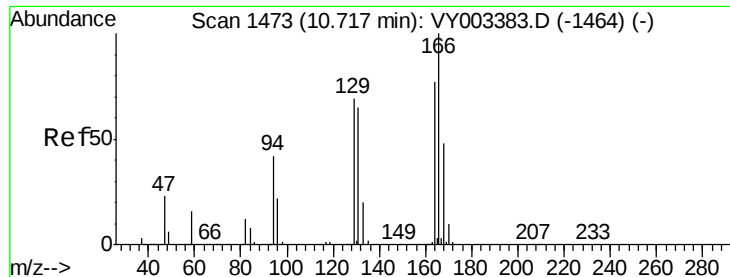


Abundance Ion 116.90 (116.60 to 117.60): VY003382.D (-1551) (-)

Ion 82.00 (81.70 to 82.70): VY003382.D (-1551) (-)

Ion 118.90 (118.60 to 119.60): VY003382.D (-1551) (-)

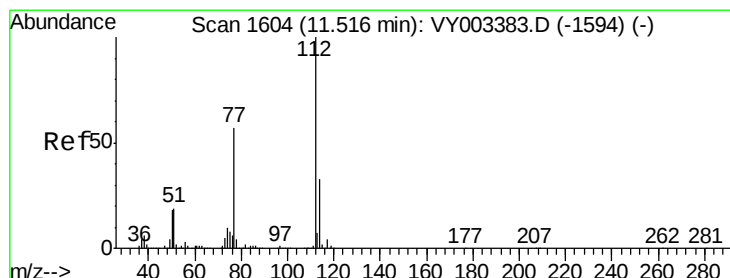
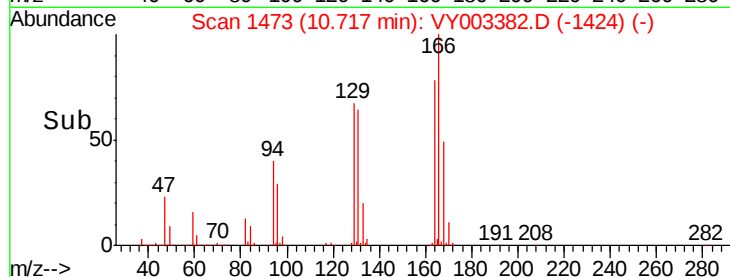
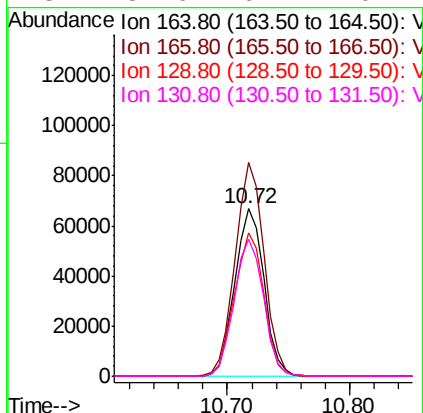
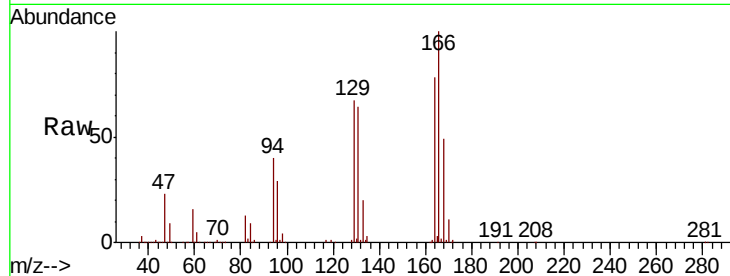




#64
Tetrachloroethene
Concen: 19.419 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003382.D
Acq: 31 Jul 2020 11:44

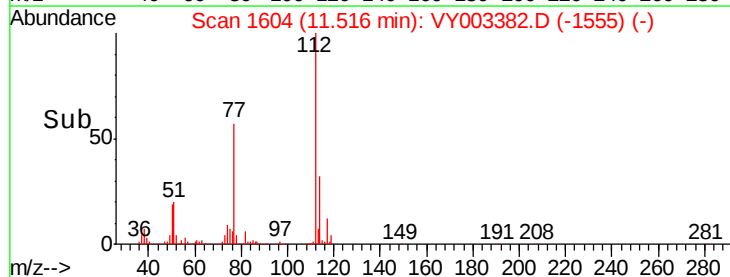
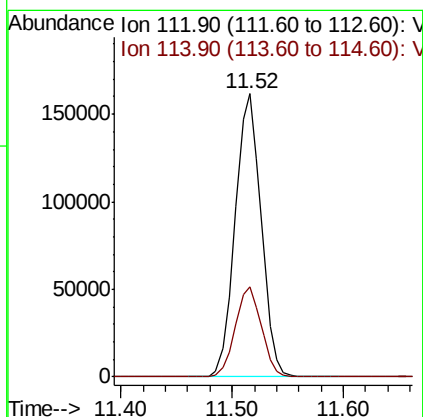
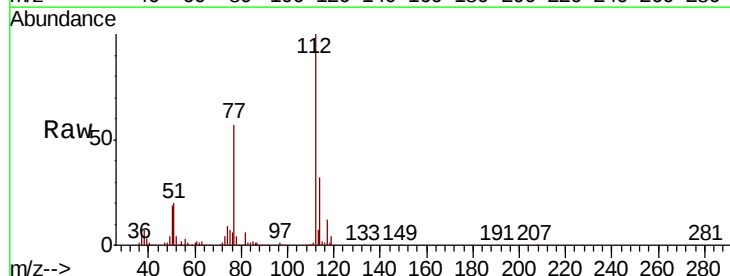
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

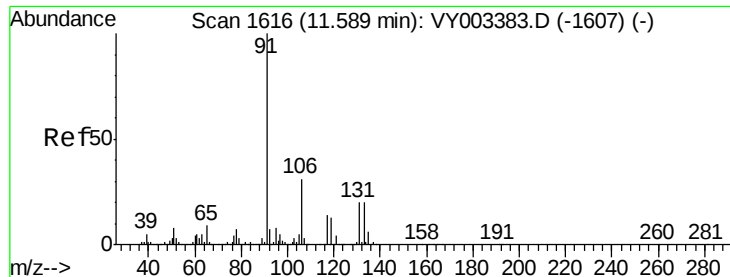
Tot Ion:164 Resp: 110321
Ion Ratio Lower Upper
164 100
166 127.6 103.3 154.9
129 85.6 71.2 106.8
131 81.6 67.4 101.2



#65
Chlorobenzene
Concen: 19.499 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003382.D
Acq: 31 Jul 2020 11:44

Tgt Ion:112 Resp: 260017
Ion Ratio Lower Upper
112 100
114 31.8 26.1 39.1

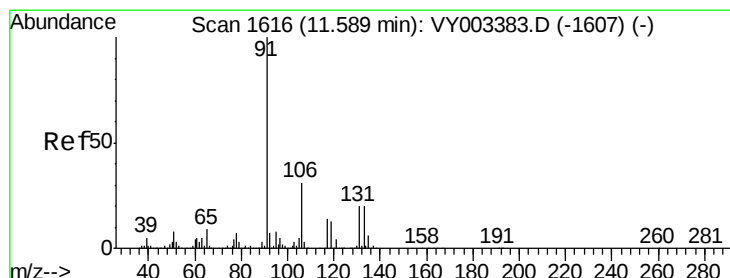
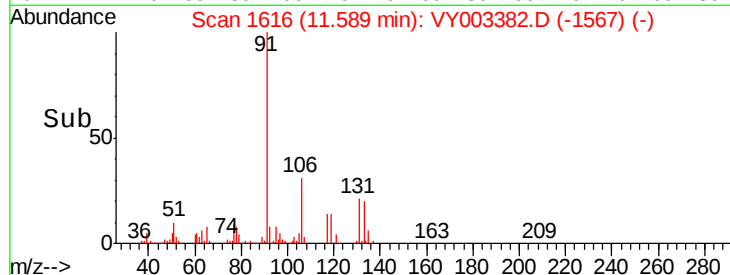
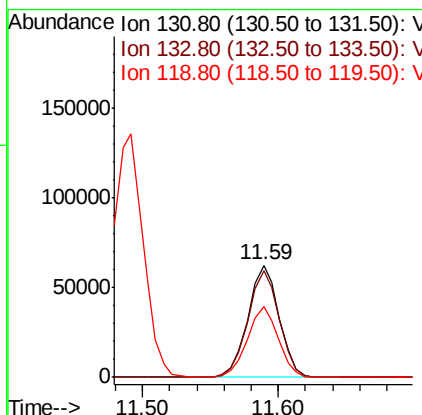
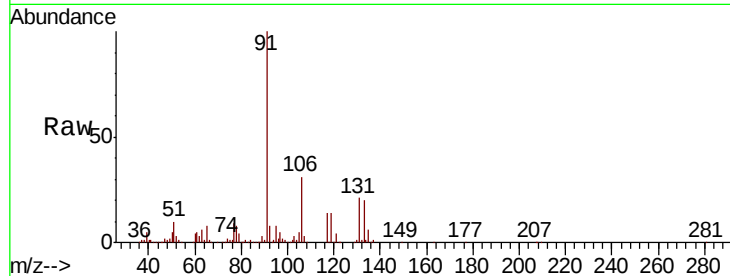




#66
 1,1,1,2-Tetrachloroethane
 Concen: 19.318 ug/l
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.00 min
 Lab File: VY003382.D
 Acq: 31 Jul 2020 11:44

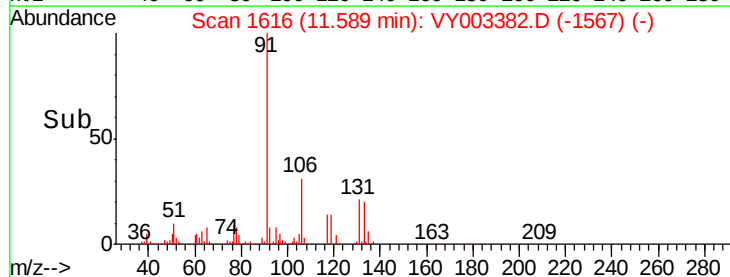
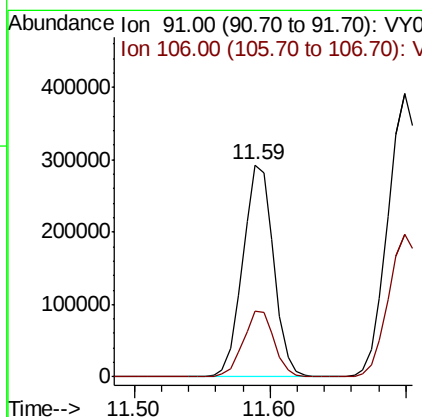
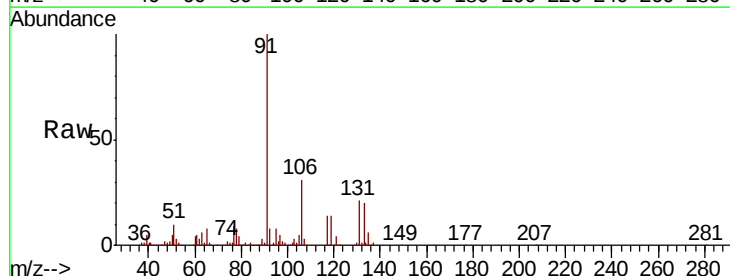
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

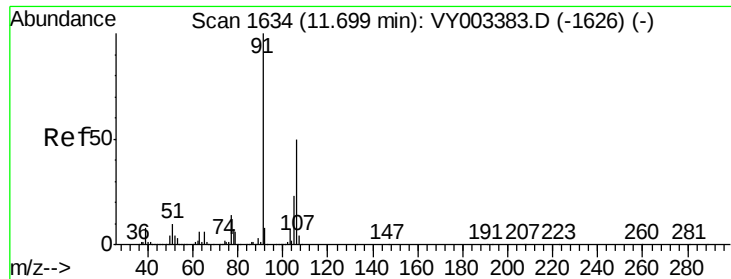
Tot Ion	Ratio	Lower	Upper
131	100		
133	96.3	48.1	144.3
119	62.6	32.0	96.2



#67
 Ethyl Benzene
 Concen: 19.250 ug/l
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.00 min
 Lab File: VY003382.D
 Acq: 31 Jul 2020 11:44

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.8	24.4	36.6

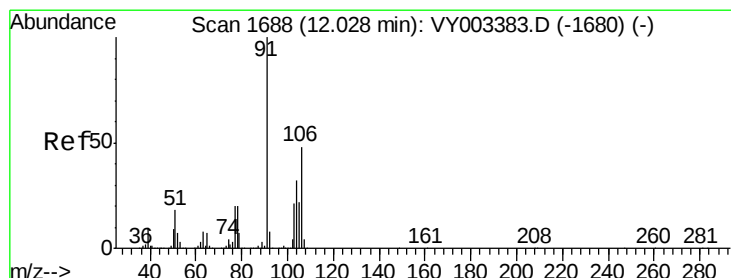
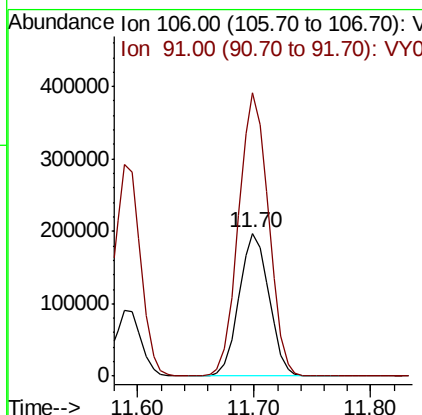
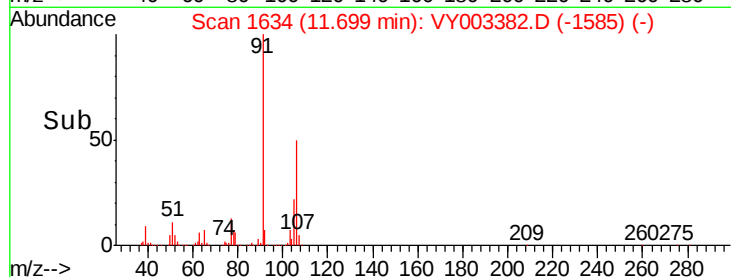
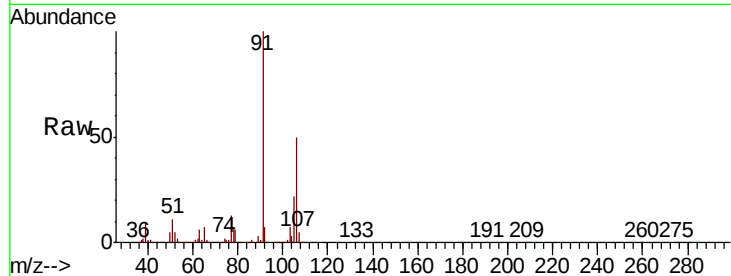




#68
m/p-Xylenes
Concen: 38.967 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY003382.D
Acq: 31 Jul 2020 11:44

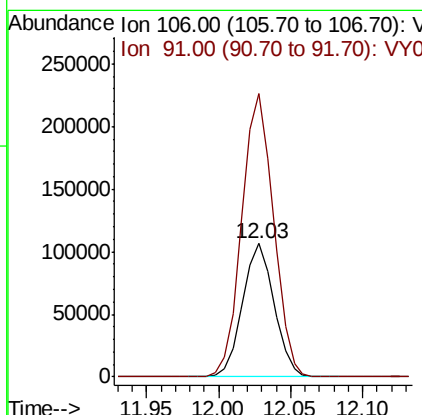
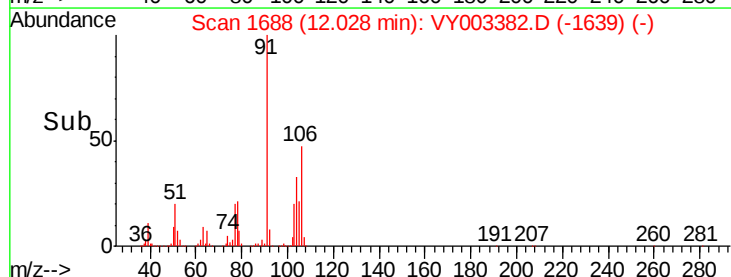
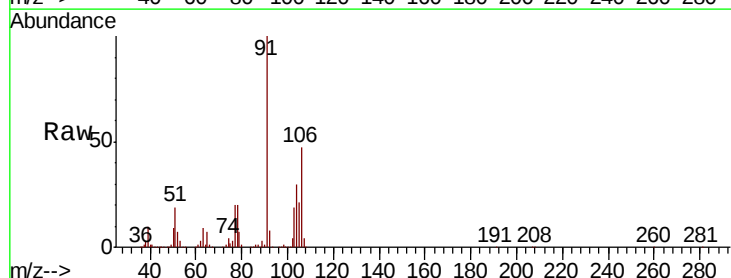
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

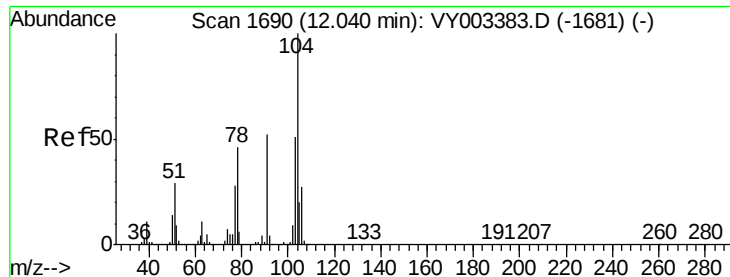
Tot Ion:106 Resp: 353218
Ion Ratio Lower Upper
106 100
91 199.6 161.0 241.6



#69
o-Xylene
Concen: 19.098 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003382.D
Acq: 31 Jul 2020 11:44

Tgt Ion:106 Resp: 162054
Ion Ratio Lower Upper
106 100
91 213.7 104.6 313.7

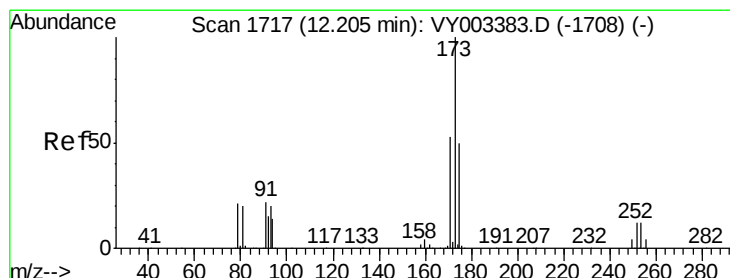
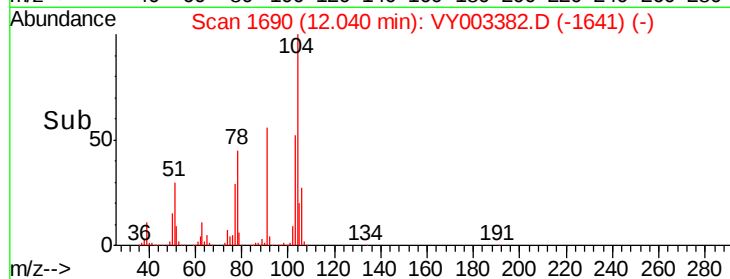
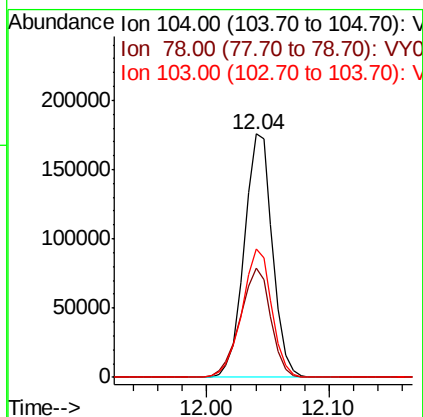
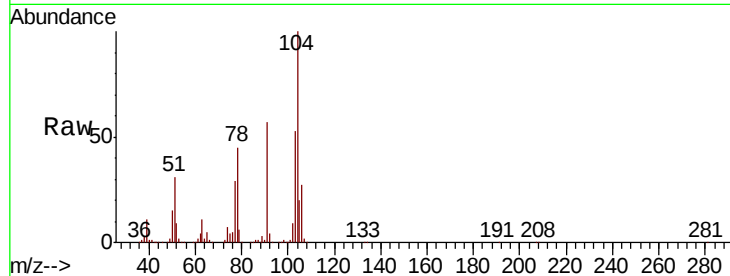




#70
Stvrene
Concen: 19.329 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003382.D
Acq: 31 Jul 2020 11:44

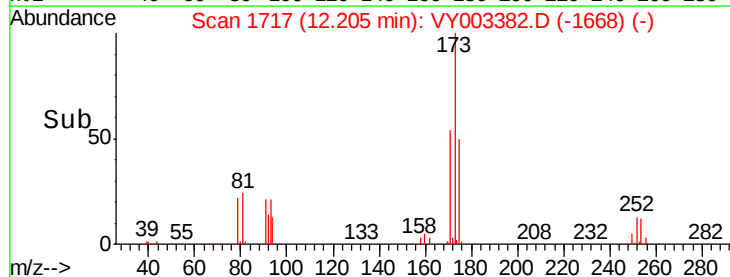
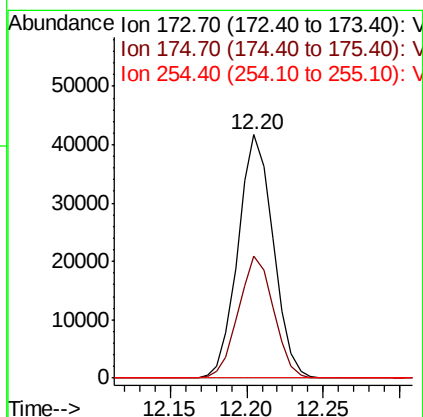
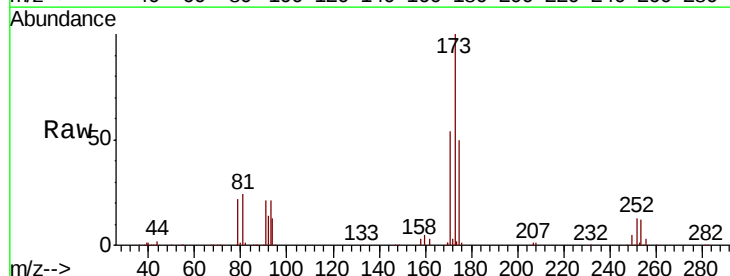
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

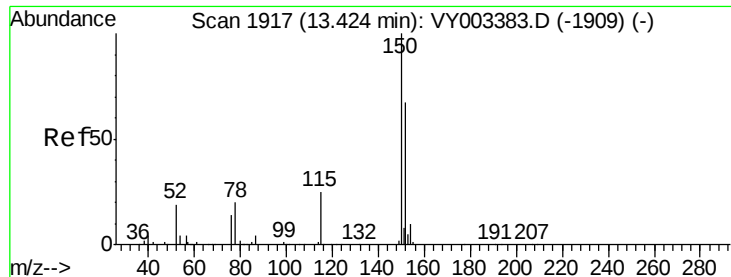
Tot Ion:104 Resp: 280644
Ion Ratio Lower Upper
104 100
78 48.7 39.3 58.9
103 55.8 43.7 65.5



#71
Bromoform
Concen: 19.774 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VY003382.D
Acq: 31 Jul 2020 11:44

Tgt Ion:173 Resp: 66649
Ion Ratio Lower Upper
173 100
175 50.1 24.1 72.2
254 0.1 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY003382.D

Acq: 31 Jul 2020 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

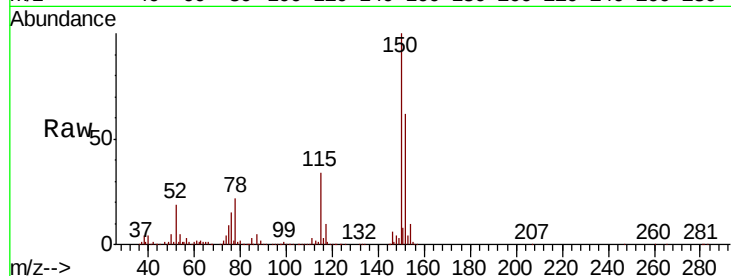
Tot Ion:152 Resp: 368881

Ion Ratio Lower Upper

152 100

115 53.4 27.2 81.5

150 162.5 0.0 346.8

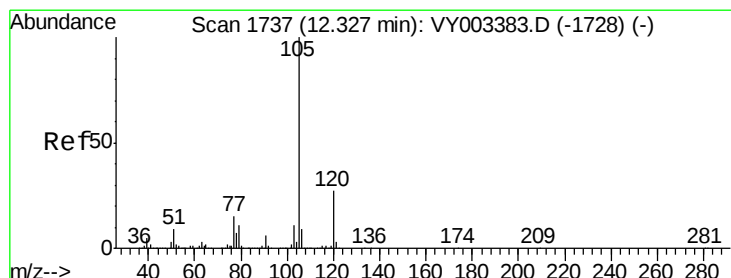
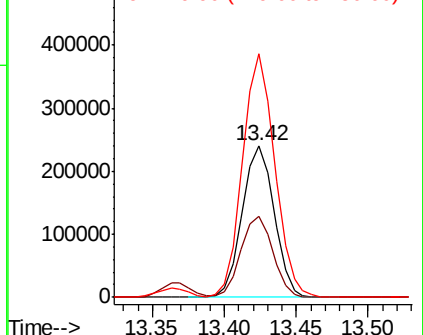
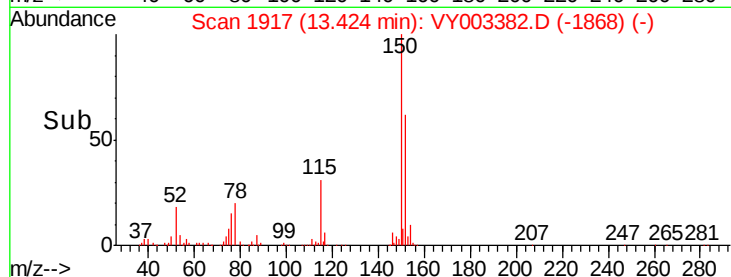


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 18.797 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003382.D

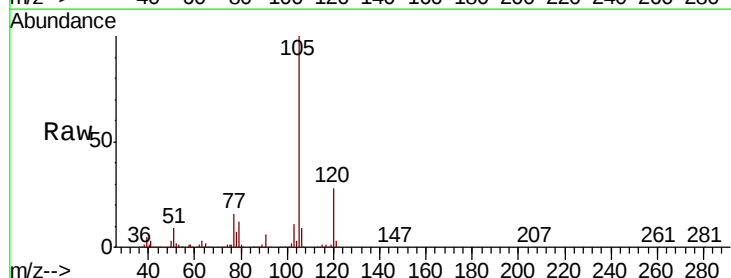
Acq: 31 Jul 2020 11:44

Tgt Ion:105 Resp: 448131

Ion Ratio Lower Upper

105 100

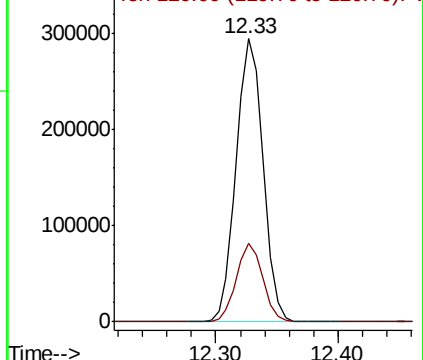
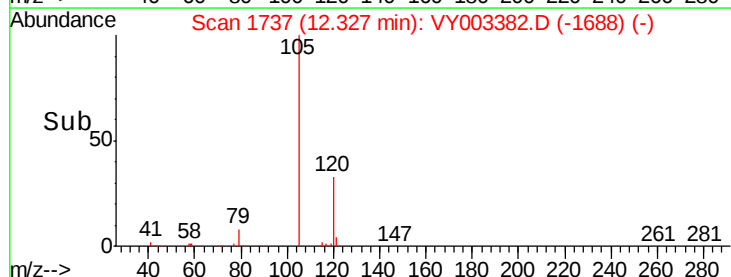
120 27.2 13.5 40.4

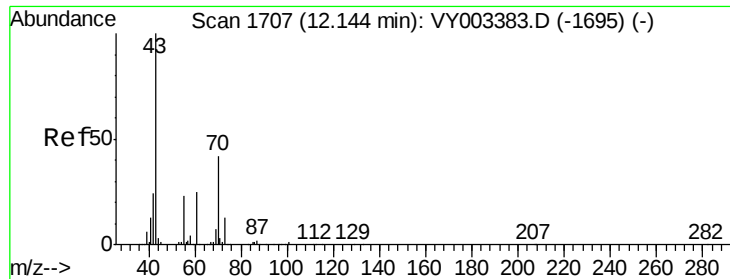


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 19.375 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003382.D

Acq: 31 Jul 2020 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 136145

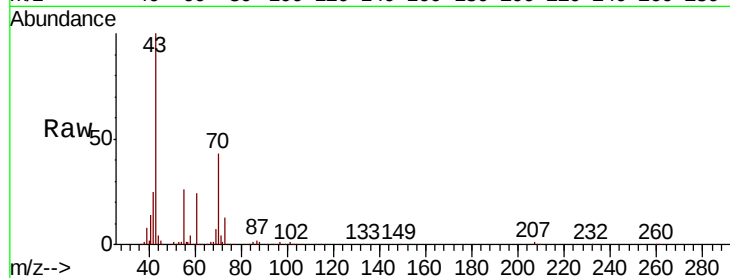
Ion Ratio Lower Upper

43 100

70 43.0 33.6 50.4

55 25.1 18.5 27.7

61 23.8 19.8 29.8

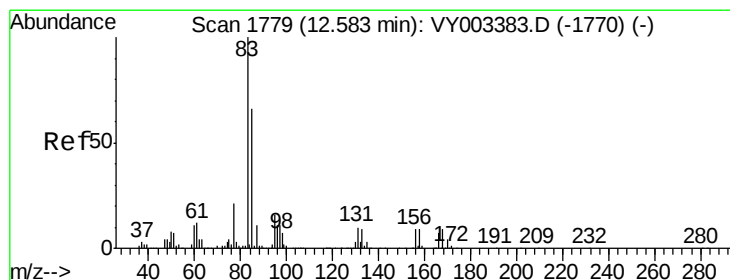
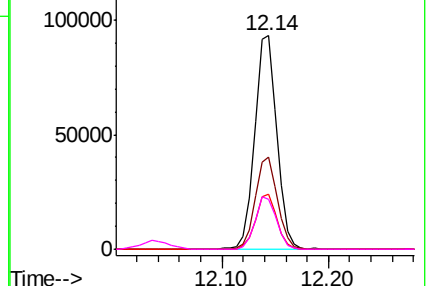
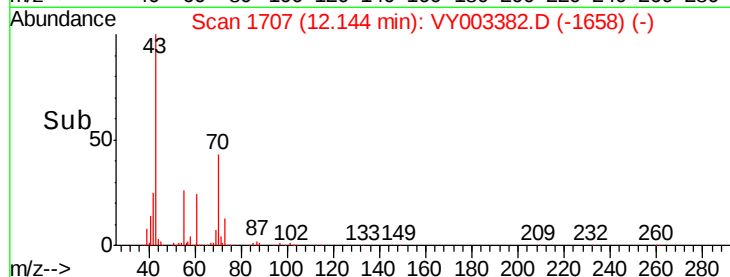


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0



#75

1,1,2,2-Tetrachloroethane

Concen: 19.982 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003382.D

Acq: 31 Jul 2020 11:44

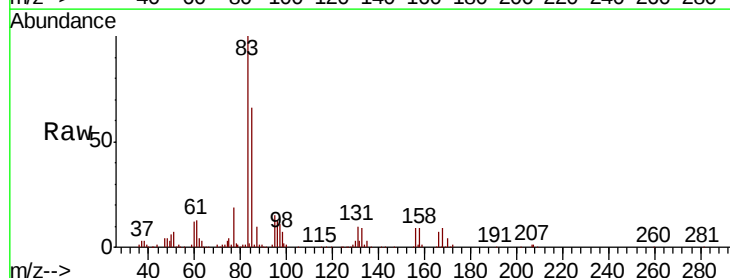
Tgt Ion: 83 Resp: 94362

Ion Ratio Lower Upper

83 100

131 10.2 5.3 16.1

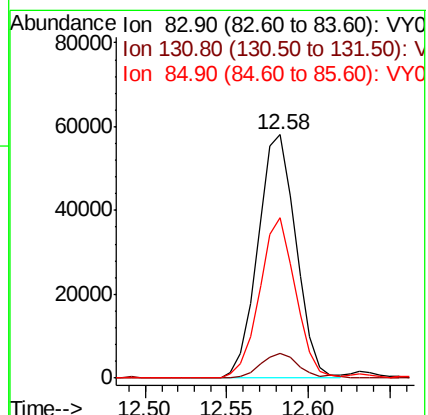
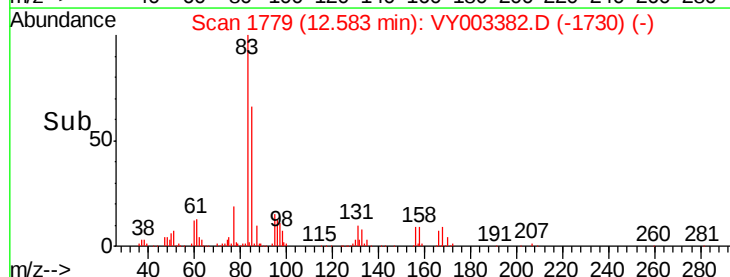
85 62.2 31.9 95.5

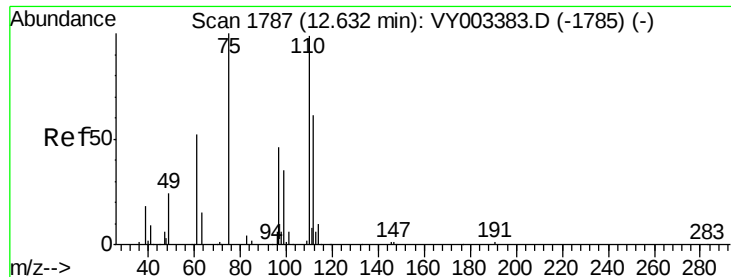


Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VY0





#76

1,2,3-Trichloropropane

Concen: 38.094 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003382.D

Acq: 31 Jul 2020 11:44

Instrument :

MSVOA_Y

ClientSampleId :

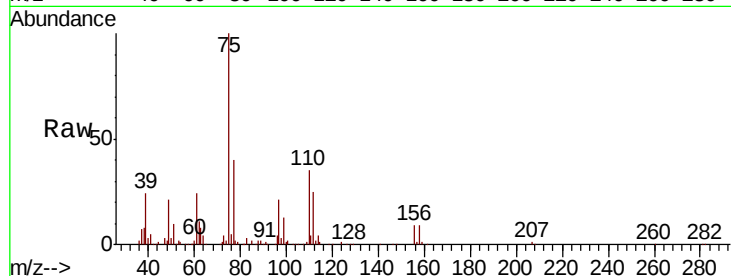
VSTDIC020

Tot Ion: 75 Resp: 126237

Ion Ratio Lower Upper

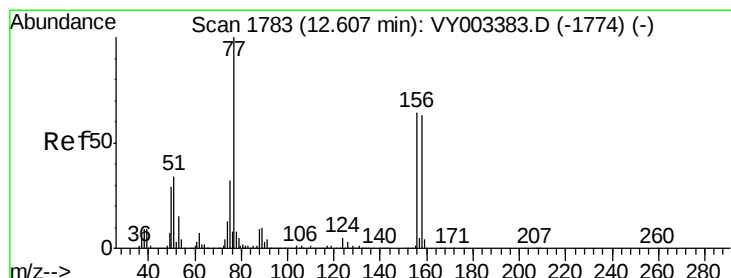
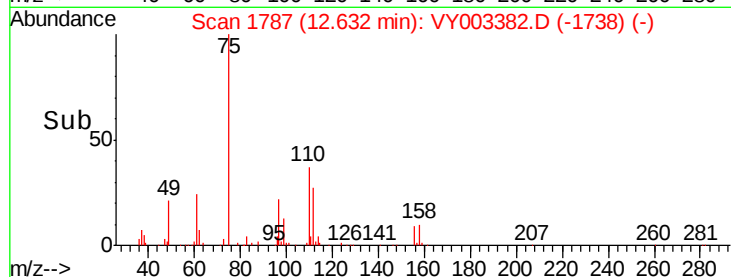
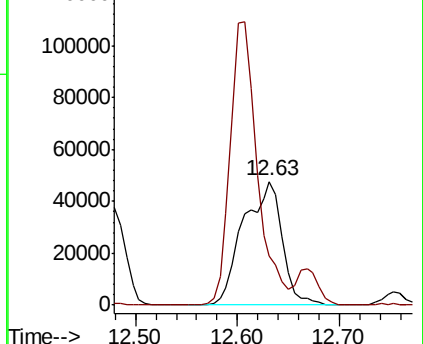
75 100

77 0.0 0.0 0.0



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

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



#77

Bromobenzene

Concen: 19.131 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003382.D

Acq: 31 Jul 2020 11:44

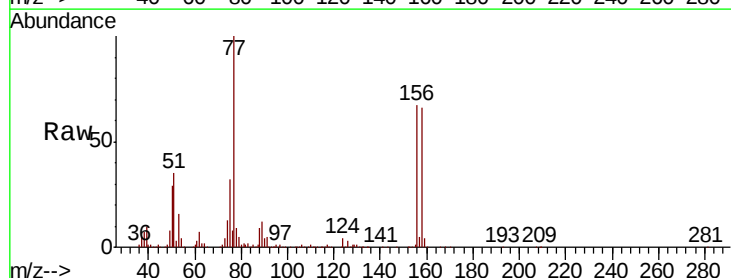
Tgt Ion: 156 Resp: 115891

Ion Ratio Lower Upper

156 100

77 173.4 87.5 262.5

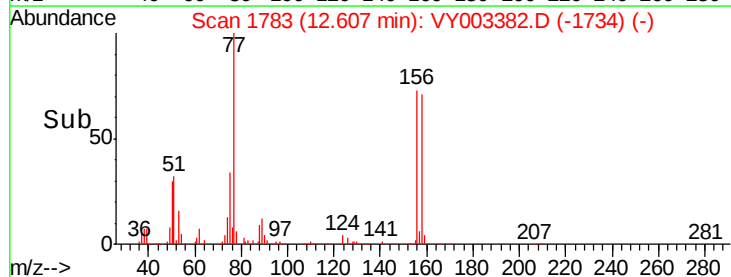
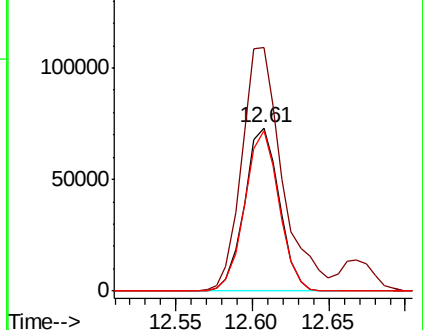
158 96.6 48.7 146.1

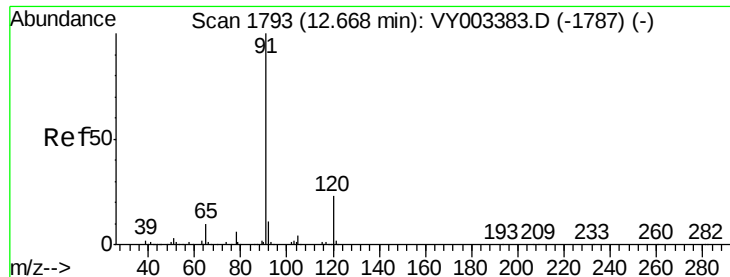


Abundance Ion 155.80 (155.50 to 156.50): VY003383.D (-1774) (-)

Ion 77.00 (76.70 to 77.70): VY003383.D (-1774) (-)

Ion 157.80 (157.50 to 158.50): VY003383.D (-1774) (-)





#78

n-propylbenzene

Concen: 19.136 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY003382.D

Acq: 31 Jul 2020 11:44

Instrument :

MSVOA_Y

ClientSampleId :

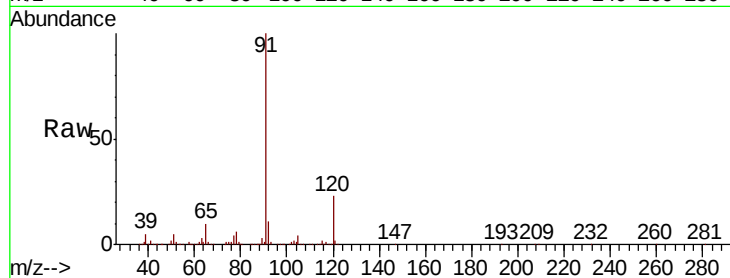
VSTDIC020

Tot Ion: 91 Resp: 546026

Ion Ratio Lower Upper

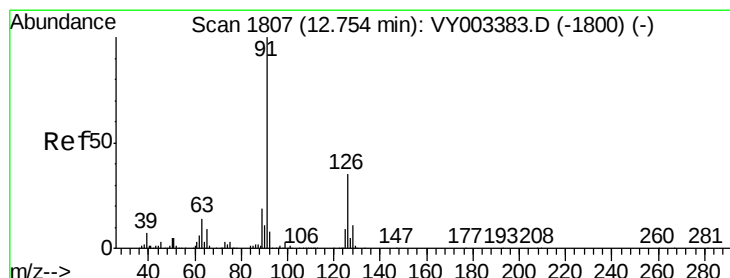
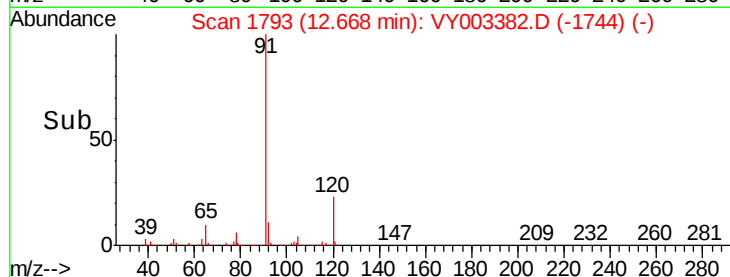
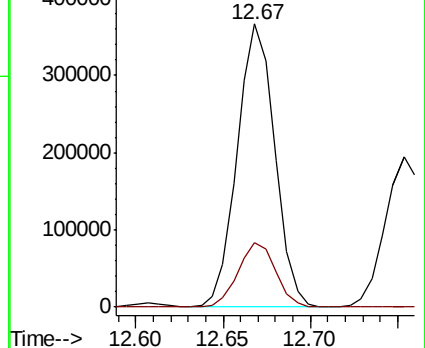
91 100

120 23.0 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 19.063 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY003382.D

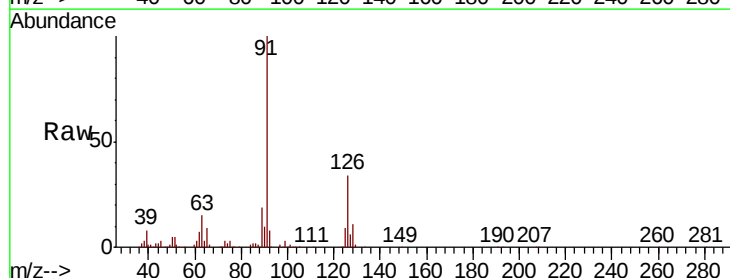
Acq: 31 Jul 2020 11:44

Tgt Ion: 91 Resp: 301800

Ion Ratio Lower Upper

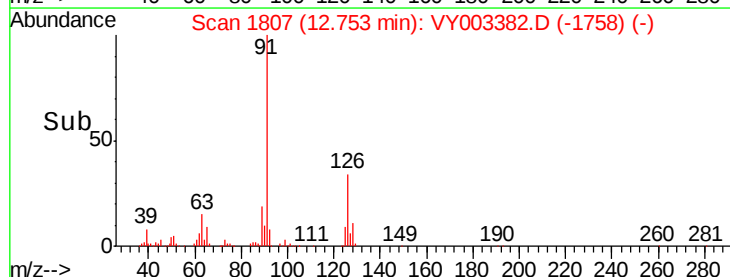
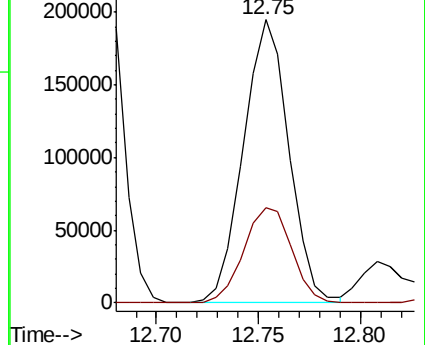
91 100

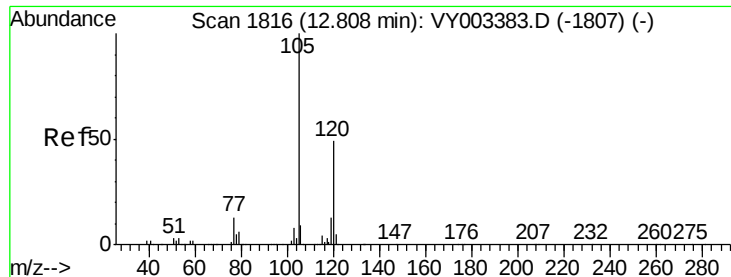
126 35.3 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

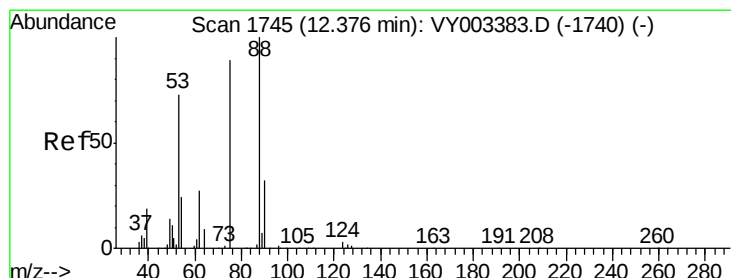
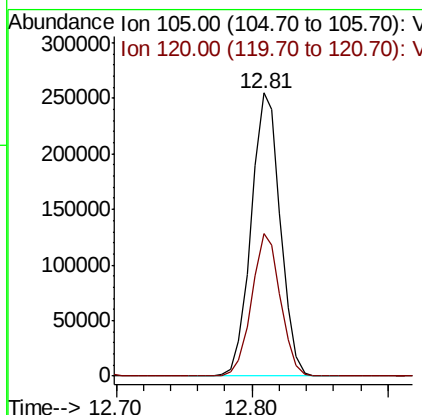
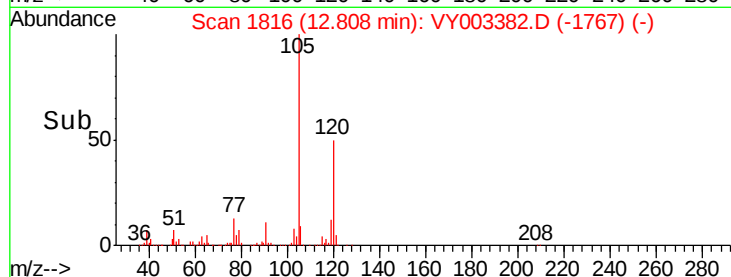
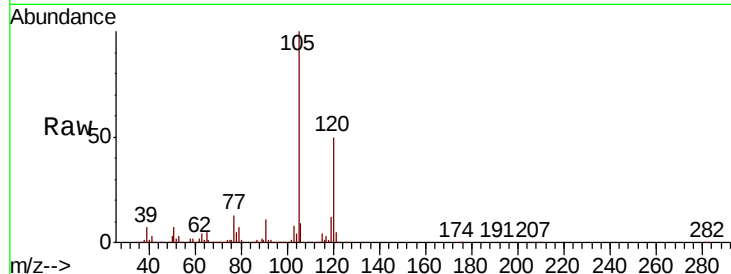




#80
 1,3,5-Trimethylbenzene
 Concen: 19.116 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: VY003382.D
 Acq: 31 Jul 2020 11:44

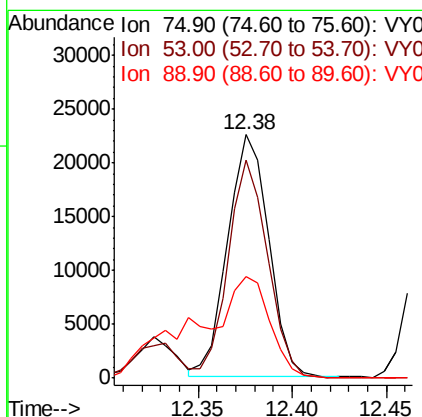
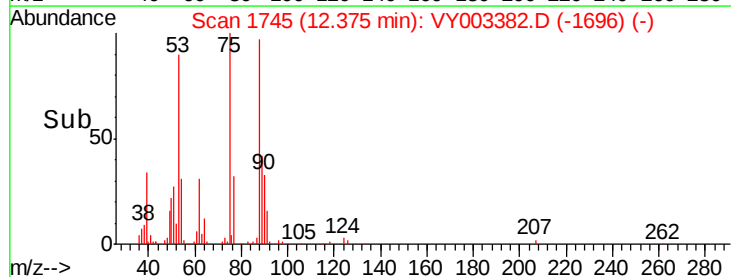
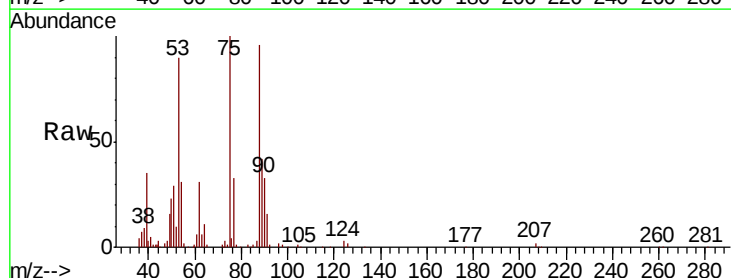
Instrument :
 MSVOA_Y
 ClientSampled :
 VSTDIC020

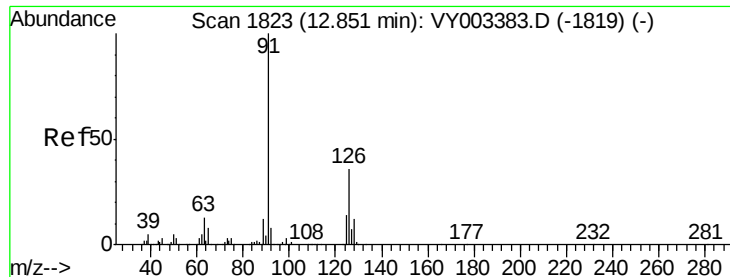
Tot Ion:105 Resp: 382635
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.9 74.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 19.493 ug/l
 RT: 12.38 min Scan# 1745
 Delta R.T. -0.00 min
 Lab File: VY003382.D
 Acq: 31 Jul 2020 11:44

Tgt Ion: 75 Resp: 34155
 Ion Ratio Lower Upper
 75 100
 53 86.3 69.5 104.3
 89 43.3 33.8 50.6

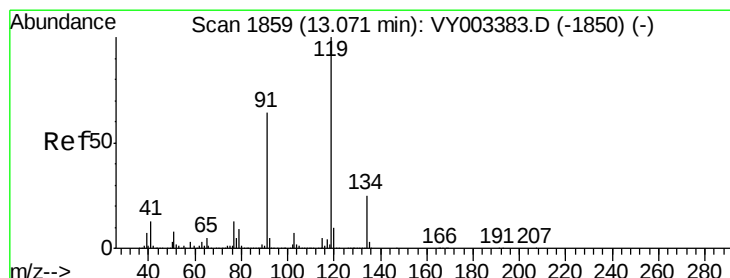
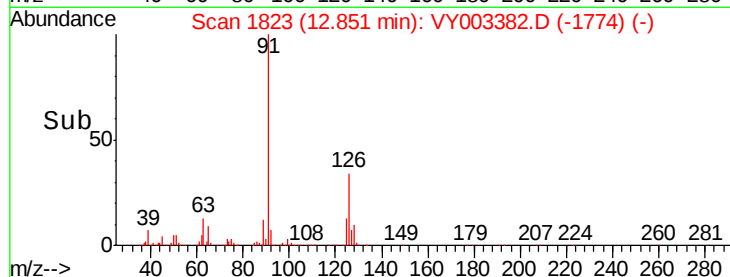
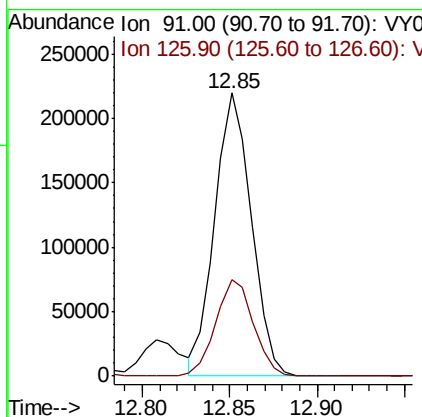
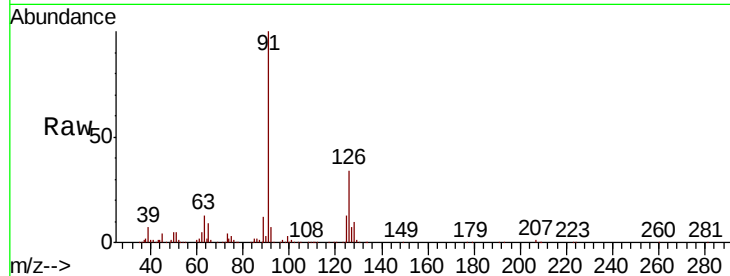




#82
4-Chlorotoluene
Concen: 19.456 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. -0.00 min
Lab File: VY003382.D
Acq: 31 Jul 2020 11:44

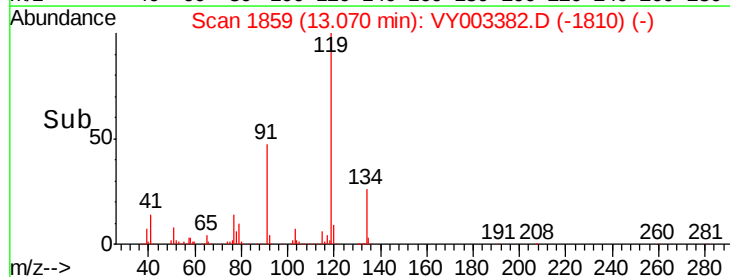
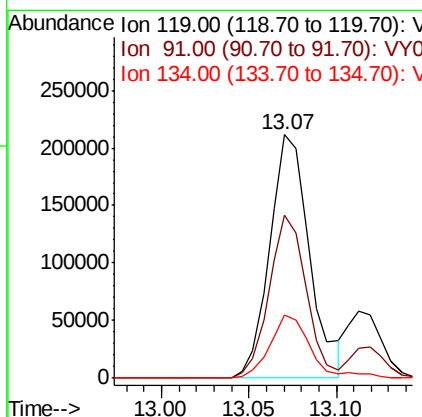
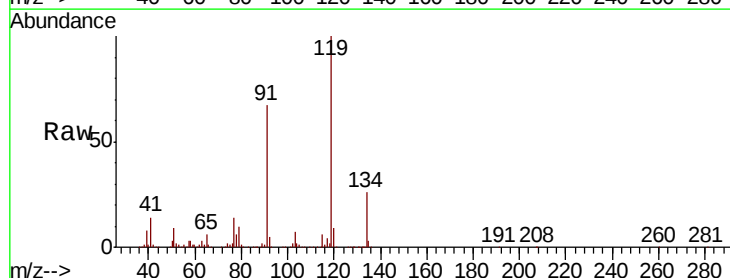
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

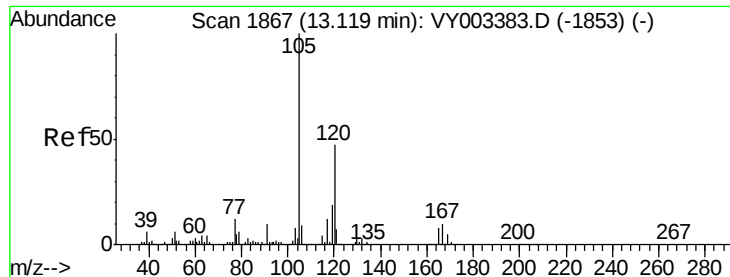
Tot Ion: 91 Resp: 320072
Ion Ratio Lower Upper
91 100
126 35.4 18.1 54.4



#83
tert-Butylbenzene
Concen: 19.371 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VY003382.D
Acq: 31 Jul 2020 11:44

Tgt Ion: 119 Resp: 336621
Ion Ratio Lower Upper
119 100
91 62.3 31.8 95.3
134 26.4 13.6 40.8

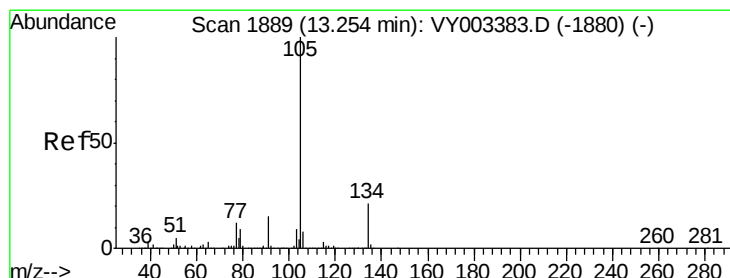
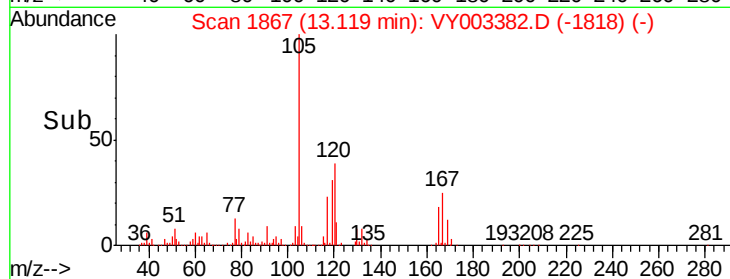
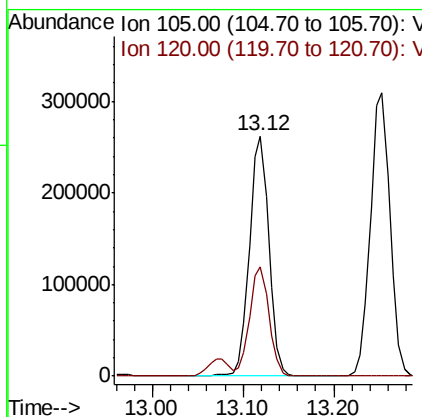
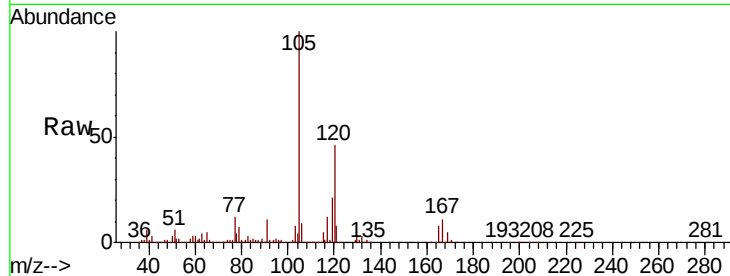




#84
 1,2,4-Trimethylbenzene
 Concen: 19.307 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY003382.D
 Acq: 31 Jul 2020 11:44

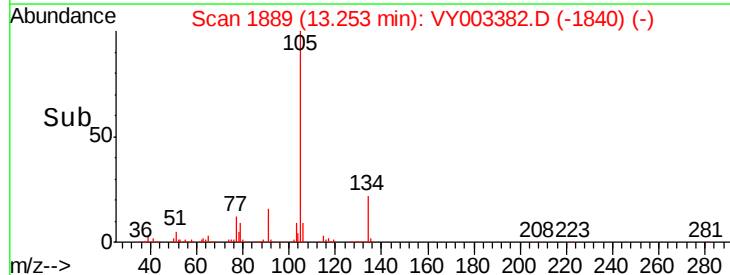
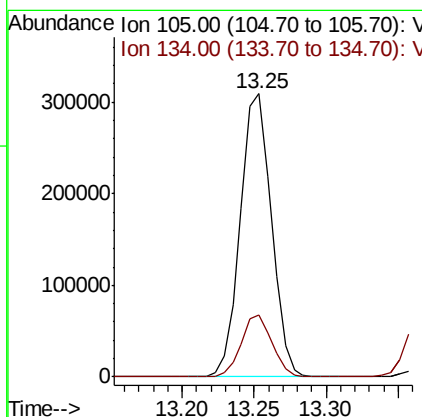
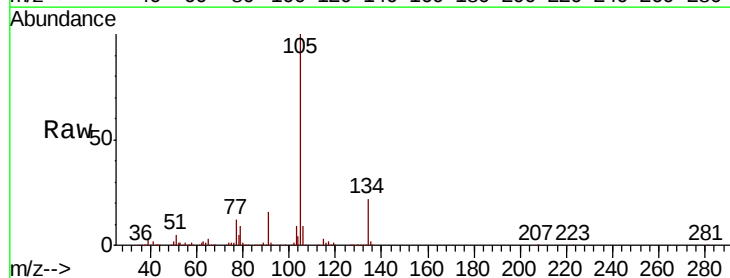
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

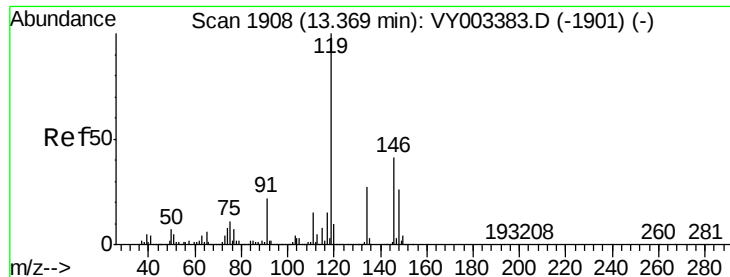
Tot Ion:105 Resp: 388439
 Ion Ratio Lower Upper
 105 100
 120 45.7 23.4 70.3



#85
 sec-Butylbenzene
 Concen: 19.171 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VY003382.D
 Acq: 31 Jul 2020 11:44

Tgt Ion:105 Resp: 463407
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.4 31.4

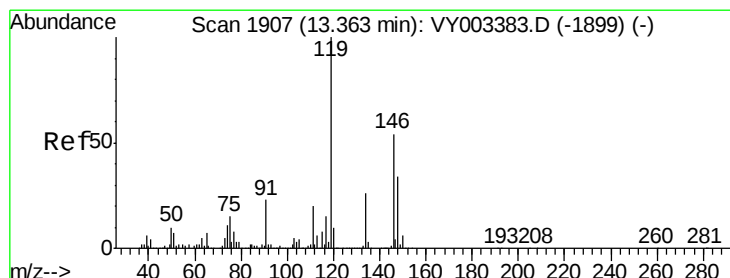
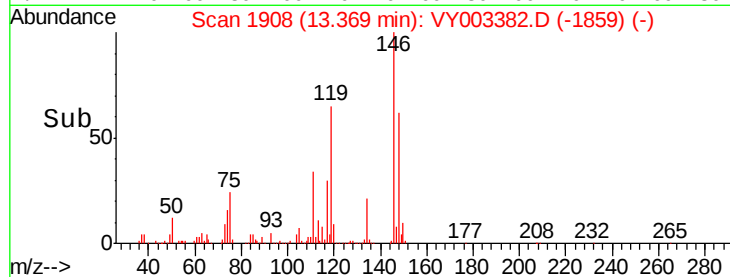
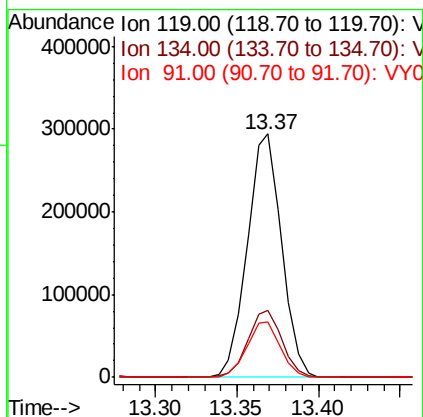
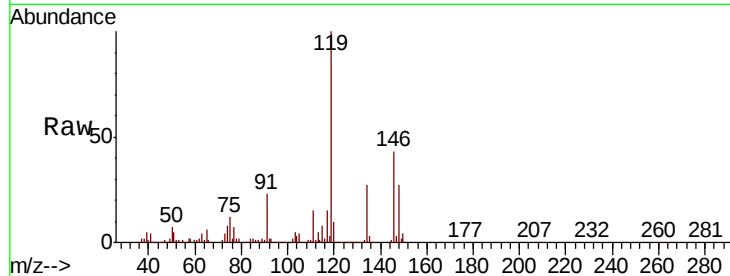




#86
p-Isopropyltoluene
Concen: 18.983 ug/l
RT: 13.37 min Scan# 1908
Delta R.T. -0.00 min
Lab File: VY003382.D
Acq: 31 Jul 2020 11:44

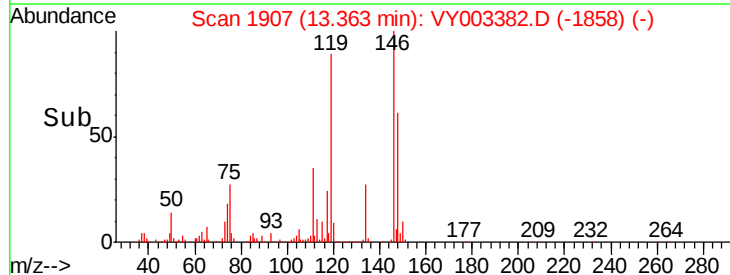
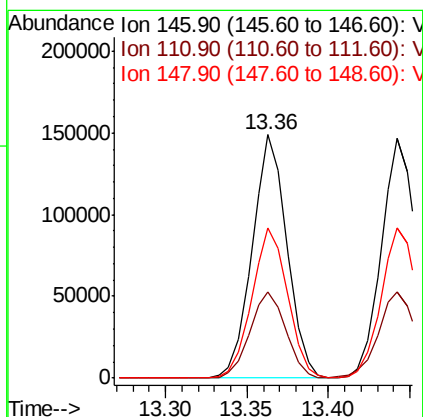
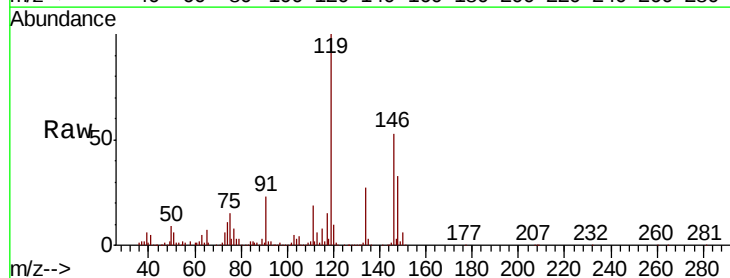
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

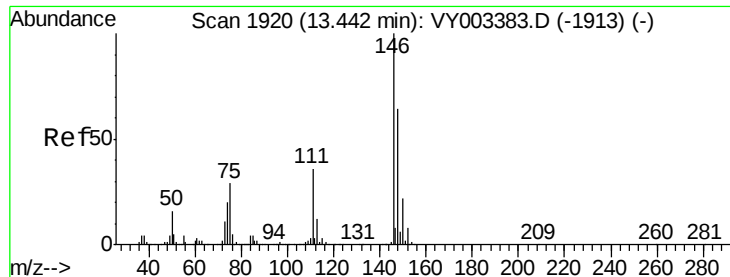
Tot Ion	Ratio	Lower	Upper
119	100		
134	27.5	13.5	40.4
91	22.4	11.4	34.1



#87
1,3-Dichlorobenzene
Concen: 19.018 ug/l
RT: 13.36 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VY003382.D
Acq: 31 Jul 2020 11:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.8	56.4
148	63.2	31.9	95.9

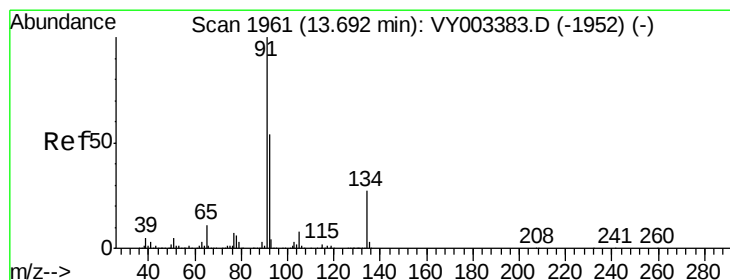
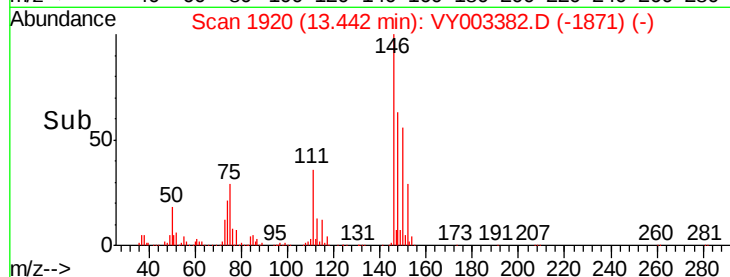
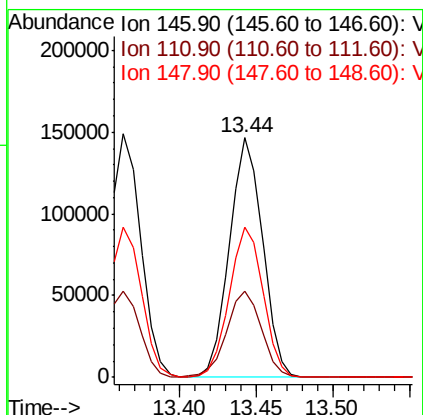
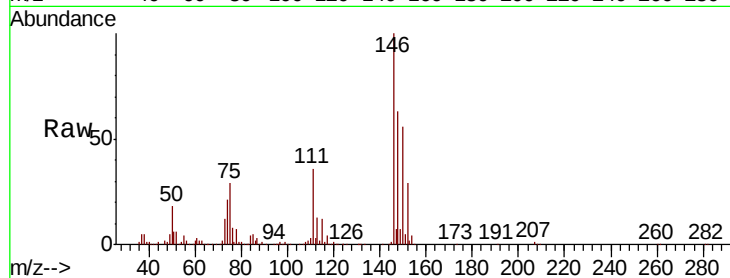




#88
 1,4-Dichlorobenzene
 Concen: 19.317 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY003382.D
 Acq: 31 Jul 2020 11:44

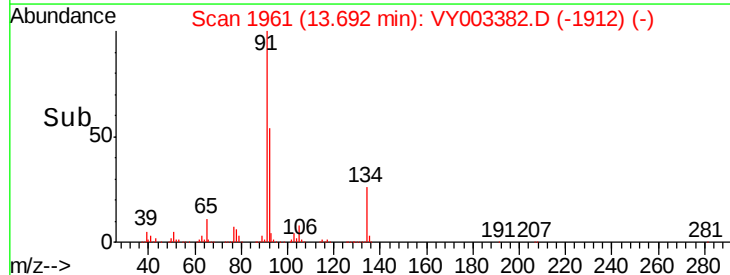
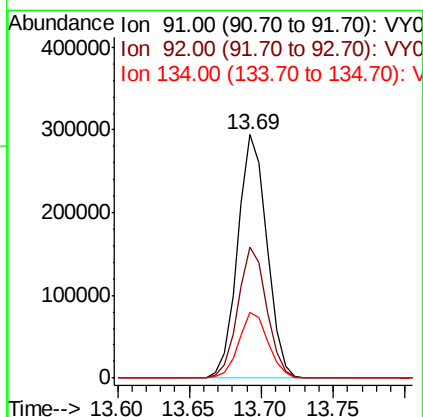
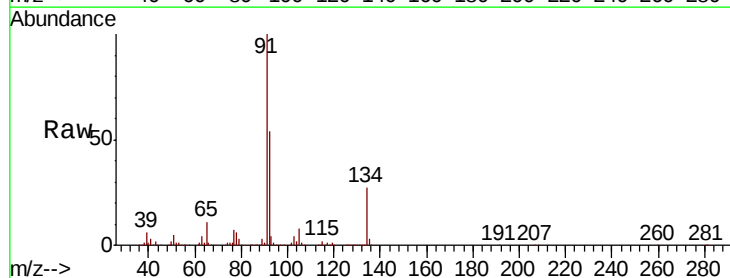
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

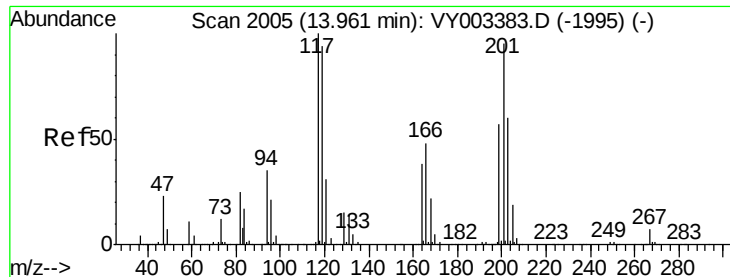
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.1	54.3
148	63.9	32.1	96.3



#89
 n-Butylbenzene
 Concen: 19.390 ug/l
 RT: 13.69 min Scan# 1961
 Delta R.T. -0.00 min
 Lab File: VY003382.D
 Acq: 31 Jul 2020 11:44

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.9	80.6
134	27.0	13.6	40.7





#90

Hexachloroethane

Concen: 18.926 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. -0.00 min

Lab File: VY003382.D

Acq: 31 Jul 2020 11:44

Instrument :

MSVOA_Y

ClientSampleId :

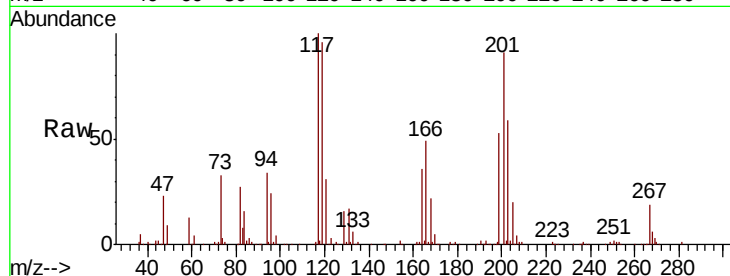
VSTDIC020

Tot Ion:117 Resp: 81970

Ion Ratio Lower Upper

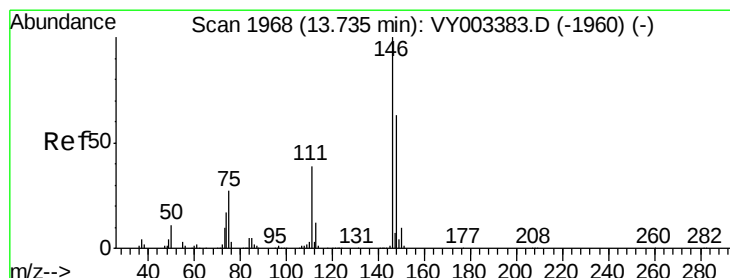
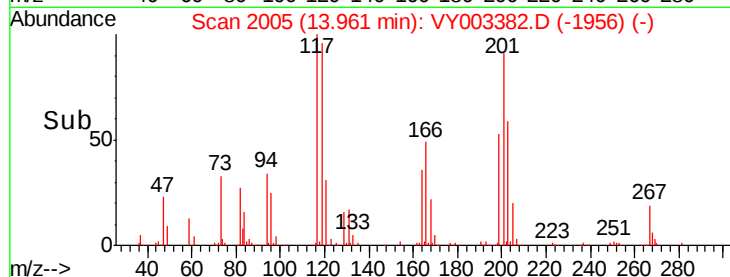
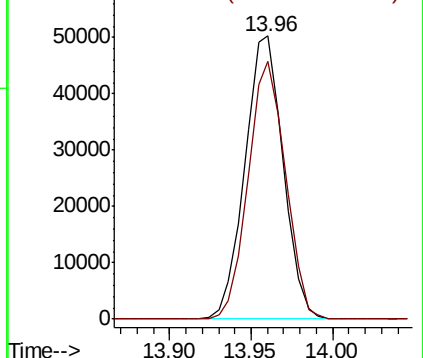
117 100

201 88.9 44.7 134.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 19.194 ug/l

RT: 13.73 min Scan# 1968

Delta R.T. -0.00 min

Lab File: VY003382.D

Acq: 31 Jul 2020 11:44

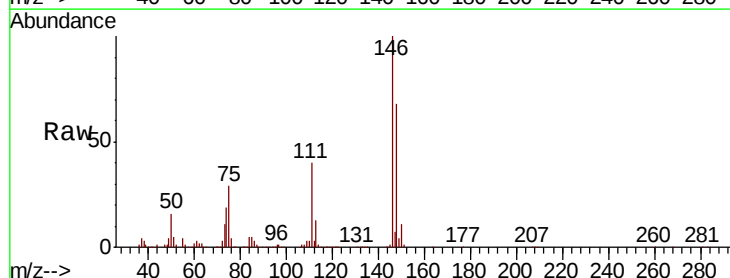
Tgt Ion:146 Resp: 196053

Ion Ratio Lower Upper

146 100

111 38.7 19.2 57.6

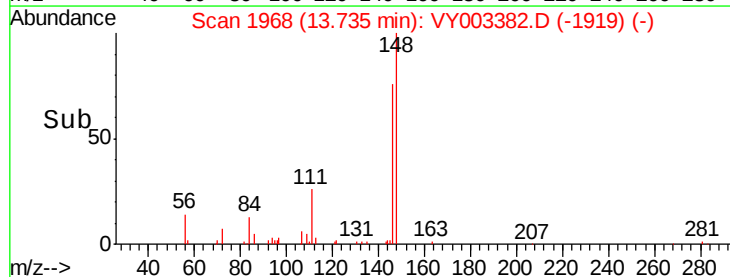
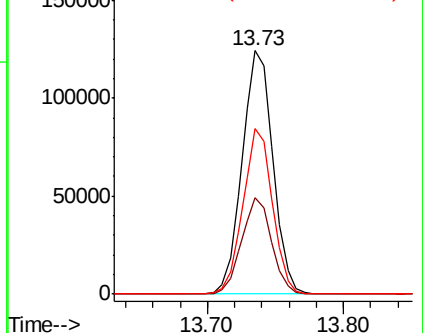
148 65.3 32.1 96.5

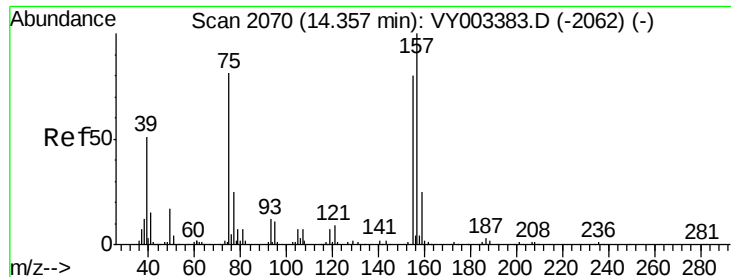


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 19.507 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VY003382.D

Acq: 31 Jul 2020 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

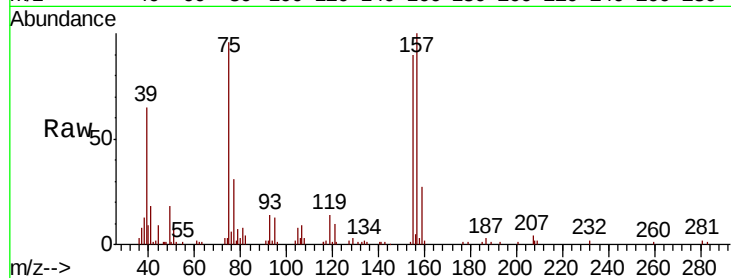
Tot Ion: 75 Resp: 14841

Ion Ratio Lower Upper

75 100

155 101.8 48.8 146.4

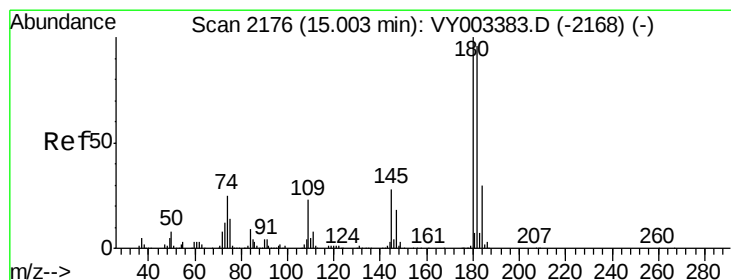
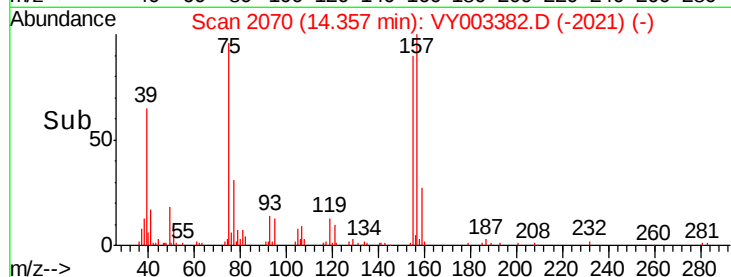
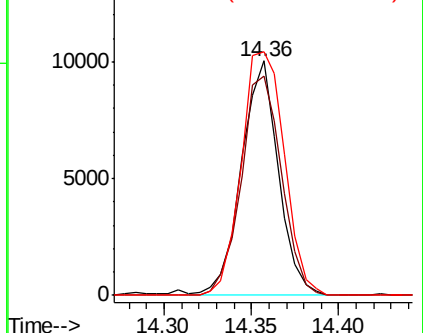
157 120.8 60.9 182.6



Abundance Ion 74.90 (74.60 to 75.60): VY003382.D (-2062) (-)

Ion 154.80 (154.50 to 155.50): VY003382.D (-2062) (-)

Ion 156.80 (156.50 to 157.50): VY003382.D (-2062) (-)



#93

1,2,4-Trichlorobenzene

Concen: 19.748 ug/l

RT: 15.00 min Scan# 2176

Delta R.T. -0.00 min

Lab File: VY003382.D

Acq: 31 Jul 2020 11:44

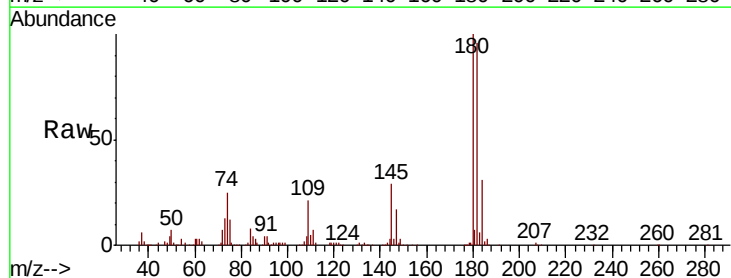
Tgt Ion: 180 Resp: 142940

Ion Ratio Lower Upper

180 100

182 95.6 48.2 144.6

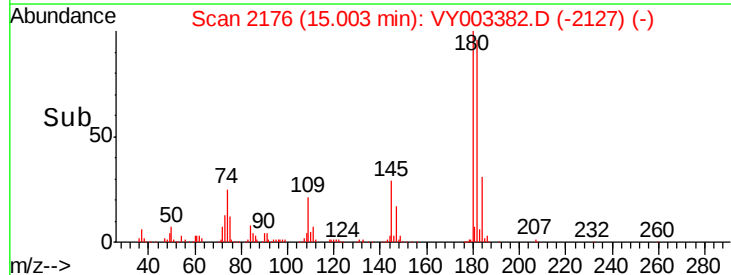
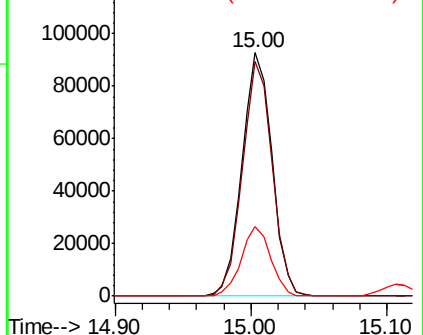
145 28.2 13.8 41.3

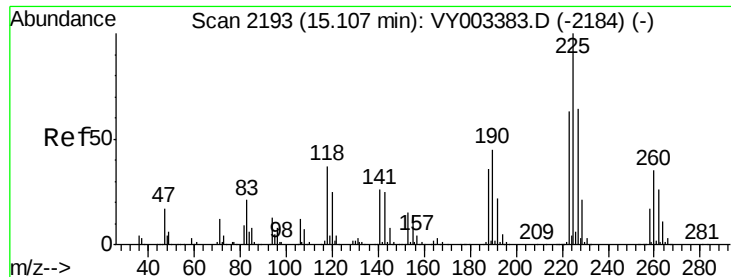


Abundance Ion 179.80 (179.50 to 180.50): VY003382.D (-2127) (-)

Ion 181.80 (181.50 to 182.50): VY003382.D (-2127) (-)

Ion 144.80 (144.50 to 145.50): VY003382.D (-2127) (-)





#94

Hexachlorobutadiene

Concen: 19.494 ug/l

RT: 15.11 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VY003382.D

Acq: 31 Jul 2020 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

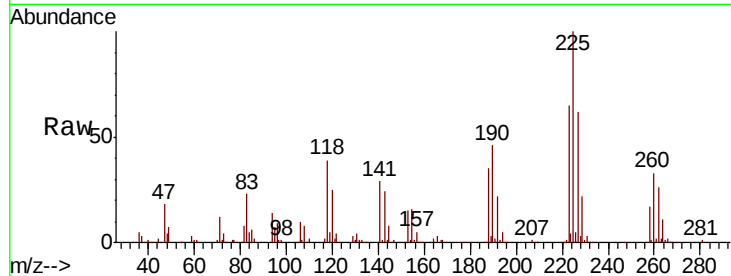
Tot Ion:225 Resp: 93446

Ion Ratio Lower Upper

225 100

223 64.6 31.6 94.8

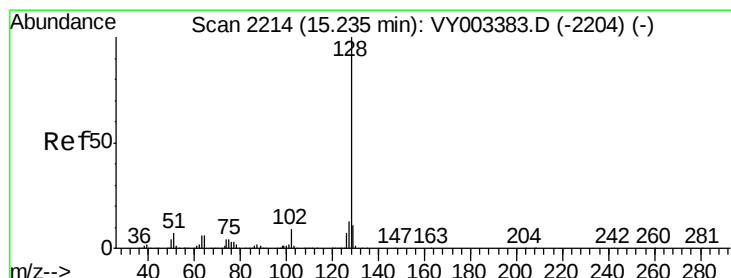
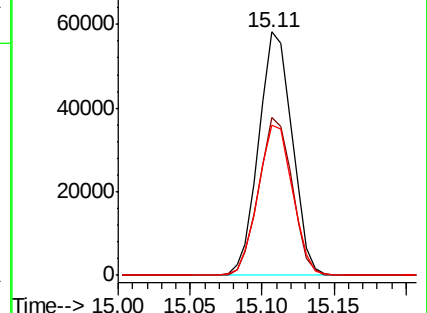
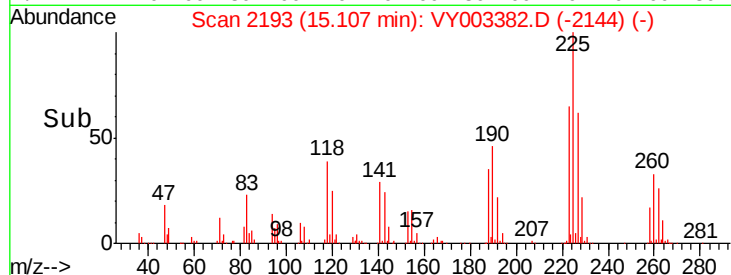
227 63.5 32.0 96.2



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 19.625 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY003382.D

Acq: 31 Jul 2020 11:44

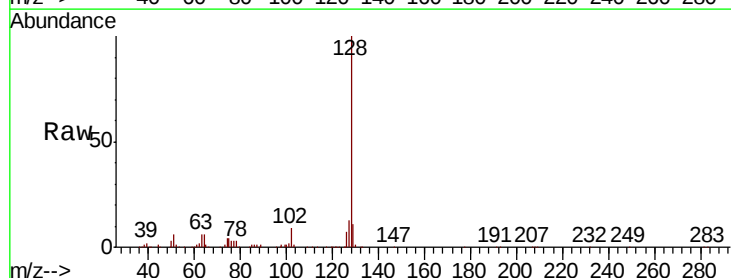
Tgt Ion:128 Resp: 240628

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

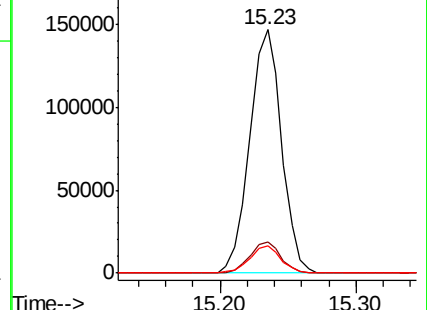
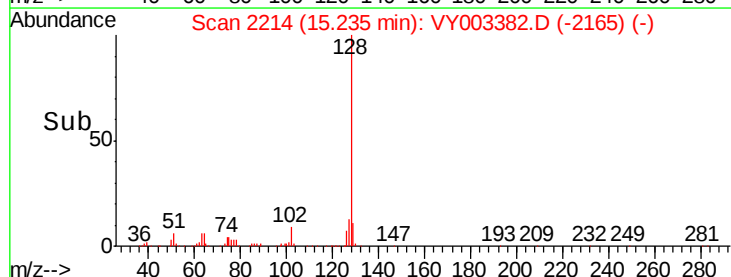
129 10.9 8.7 13.1

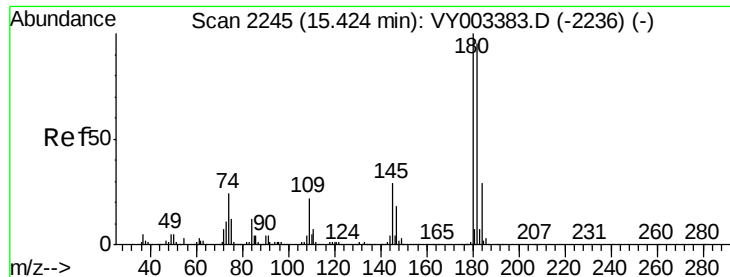


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96

1,2,3-Trichlorobenzene

Concen: 19.385 ug/l

RT: 15.42 min Scan# 2244

Delta R.T. -0.01 min

Lab File: VY003382.D

Acq: 31 Jul 2020 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

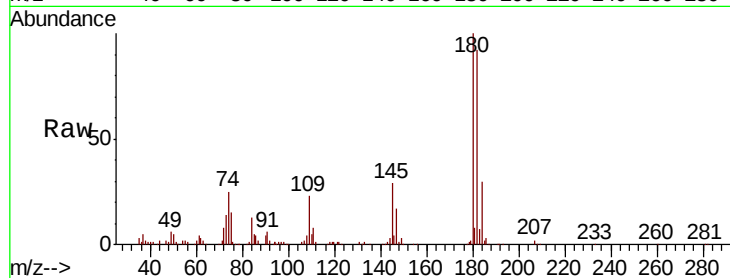
Tot Ion:180 Resp: 113519

Ion Ratio Lower Upper

180 100

182 98.1 47.4 142.2

145 28.7 14.5 43.5



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

