

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY090420\
 Data File : VY003431.D
 Acq On : 04 Sep 2020 14:32
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Quant Time: Sep 05 00:31:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y090420S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 05 00:29:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	645301	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	1069095	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	964470	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	466112	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	32244	4.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.64%	
35) Dibromofluoromethane	7.72	113	29989	4.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.72%	
50) Toluene-d8	10.18	98	128196	4.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.84%	
62) 4-Bromofluorobenzene	12.48	95	43540	4.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.90%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.91	85	26355	4.856	ug/l 98
3) Chloromethane	2.11	50	49291	6.332	ug/l 97
4) Vinyl Chloride	2.25	62	33025	5.102	ug/l 94
5) Bromomethane	2.65	94	29404	5.882	ug/l 88
6) Chloroethane	2.79	64	15711	5.042	ug/l 99
7) Trichlorofluoromethane	3.13	101	51951	5.133	ug/l 95
8) Diethyl Ether	3.53	74	21277	5.094	ug/l 83
9) 1,1,2-Trichlorotrifluoroet	3.90	101	32762	4.986	ug/l 96
10) Methyl Iodide	4.10	142	18130	4.228	ug/l 91
11) Tert butyl alcohol	4.94	59	38199	33.853	ug/l # 87
12) 1,1-Dichloroethene	3.87	96	33515	4.990	ug/l 85
13) Acrolein	3.73	56	14034	25.338	ug/l 97
14) Allyl chloride	4.48	41	61094	5.238	ug/l # 93
15) Acrylonitrile	5.18	53	52803	23.915	ug/l 98
16) Acetone	3.96	43	50559	26.130	ug/l 92
17) Carbon Disulfide	4.19	76	106972	4.955	ug/l 99
18) Methyl Acetate	4.49	43	27587	5.419	ug/l 90
19) Methyl tert-butyl Ether	5.23	73	87833	4.842	ug/l 98
20) Methylene Chloride	4.72	84	71330	6.805	ug/l # 86
21) trans-1,2-Dichloroethene	5.22	96	37944	4.946	ug/l 94
22) Diisopropyl ether	6.12	45	120630	5.030	ug/l # 95
23) Vinyl Acetate	6.07	43	373321	23.961	ug/l # 93
24) 1,1-Dichloroethane	6.02	63	66220	5.078	ug/l 97
25) 2-Butanone	7.00	43	72012	23.222	ug/l 92
26) 2,2-Dichloropropane	6.99	77	57441	5.098	ug/l 96
27) cis-1,2-Dichloroethene	6.99	96	42522	4.965	ug/l 99
28) Bromochloromethane	7.35	49	31175	4.762	ug/l 98
29) Tetrahydrofuran	7.35	42	45151	22.199	ug/l 98
30) Chloroform	7.51	83	64126	4.993	ug/l 98
31) Cyclohexane	7.79	56	72857	5.215	ug/l # 71
32) 1,1,1-Trichloroethane	7.71	97	53849	4.932	ug/l 98
36) 1,1-Dichloropropene	7.92	75	50957	4.866	ug/l 98
37) Ethyl Acetate	7.08	43	30743	4.610	ug/l 99
38) Carbon Tetrachloride	7.91	117	46328	4.853	ug/l 94

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 Data File : VY003431.D
 Acq On : 04 Sep 2020 14:32
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Quant Time: Sep 05 00:31:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y090420S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 05 00:29:30 2020
 Response via : Initial Calibration

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

39) Methylcyclohexane	9.18	83	64946	4.796	ug/l	98
40) Benzene	8.16	78	152983	4.900	ug/l	98
41) Methacrylonitrile	7.35	41	41412	11.237	ug/l #	100
42) 1,2-Dichloroethane	8.24	62	41101	4.925	ug/l	100
43) Isopropyl Acetate	8.28	43	55541	4.609	ug/l	98
44) Trichloroethene	8.94	130	41520	4.968	ug/l	96
45) 1,2-Dichloropropane	9.22	63	38862	4.829	ug/l	99
46) Dibromomethane	9.30	93	20599	4.885	ug/l	97
47) Bromodichloromethane	9.50	83	47000	4.771	ug/l	98
48) Methyl methacrylate	9.29	41	24447	4.382	ug/l	96
49) 1,4-Dioxane	9.29	88	4932	84.744	ug/l #	87
51) 4-Methyl-2-Pentanone	10.07	43	149710	22.856	ug/l	99
52) Toluene	10.24	92	93717	4.945	ug/l	99
53) t-1,3-Dichloropropene	10.46	75	49657	4.692	ug/l	99
54) cis-1,3-Dichloropropene	9.92	75	60188	4.812	ug/l	100
55) 1,1,2-Trichloroethane	10.64	97	29501	4.816	ug/l	92
56) Ethyl methacrylate	10.51	69	37769	4.559	ug/l	100
57) 1,3-Dichloropropane	10.79	76	50909	4.736	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	101879	22.774	ug/l	100
59) 2-Hexanone	10.83	43	96485	21.621	ug/l	97
60) Dibromochloromethane	10.98	129	32448	4.688	ug/l	98
61) 1,2-Dibromoethane	11.09	107	27570	4.802	ug/l	98
64) Tetrachloroethene	10.72	164	40509	4.969	ug/l	97
65) Chlorobenzene	11.51	112	100757	4.975	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	34180	4.851	ug/l	100
67) Ethyl Benzene	11.59	91	175553	4.847	ug/l	94
68) m/p-Xylenes	11.70	106	133889	9.797	ug/l	100
69) o-Xylene	12.03	106	63535	4.928	ug/l	96
70) Styrene	12.04	104	100742	4.732	ug/l	99
71) Bromoform	12.20	173	19539	4.647	ug/l #	99
73) Isopropylbenzene	12.33	105	167733	4.847	ug/l	99
74) N-amyl acetate	12.14	43	47109	4.414	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	32867	4.673	ug/l	96
76) 1,2,3-Trichloropropane	12.63	75	45078	8.810	ug/l #	100
77) Bromobenzene	12.61	156	40326	4.959	ug/l	96
78) n-propylbenzene	12.67	91	204650	4.845	ug/l	100
79) 2-Chlorotoluene	12.75	91	112648	4.851	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	137302	4.799	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	12073	4.630	ug/l	95
82) 4-Chlorotoluene	12.85	91	121781	4.924	ug/l	99
83) tert-Butylbenzene	13.07	119	116999	4.773	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	139049	4.822	ug/l	99
85) sec-Butylbenzene	13.25	105	170457	4.806	ug/l	99
86) p-Isopropyltoluene	13.37	119	151576	4.807	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	76929	4.880	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	79774	5.028	ug/l	95
89) n-Butylbenzene	13.69	91	150940	4.762	ug/l	99
90) Hexachloroethane	13.95	117	27307	4.765	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	70216	4.894	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	5345	4.619	ug/l	95

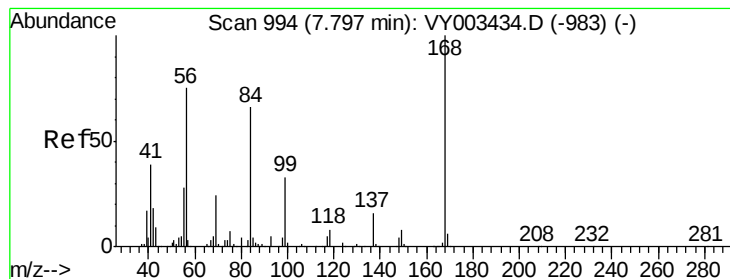
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY090420\
Data File : VY003431.D
Acq On : 04 Sep 2020 14:32
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Quant Time: Sep 05 00:31:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y090420S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 05 00:29:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	47940	4.940	ug/l	99
94) Hexachlorobutadiene	15.11	225	27094	5.215	ug/l	95
95) Naphthalene	15.23	128	92694	4.581	ug/l	98
96) 1,2,3-Trichlorobenzene	15.42	180	42380	4.916	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003431.D

Acq: 04 Sep 2020 14:32

Instrument :

MSVOA_Y

ClientSampleId :

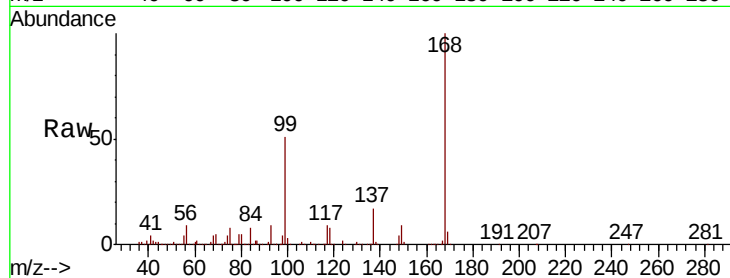
VSTDIC005

Tot Ion:168 Resp: 645301

Ion Ratio Lower Upper

168 100

99 50.6 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VY003431.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003431.D (-983) (-)

7.80

300000

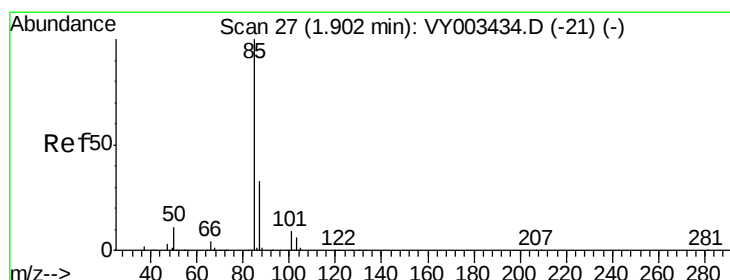
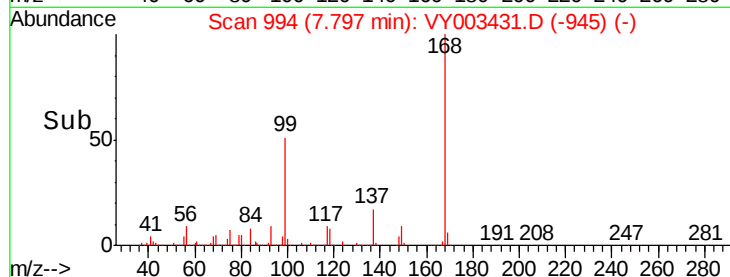
200000

100000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 4.856 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003431.D

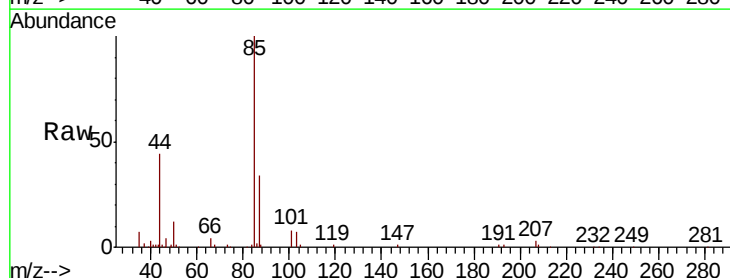
Acq: 04 Sep 2020 14:32

Tgt Ion: 85 Resp: 26355

Ion Ratio Lower Upper

85 100

87 33.5 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VY003431.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003431.D (-1) (-)

1.91

15000

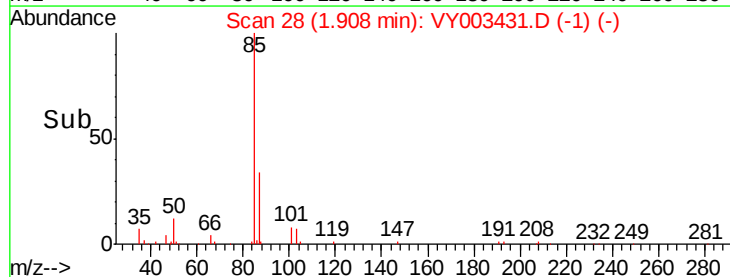
10000

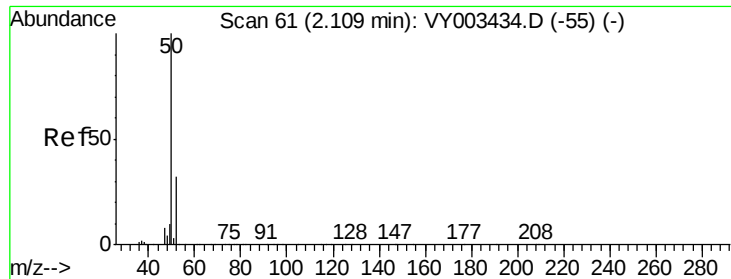
5000

0

1.80 1.85 1.90 1.95 2.00

Time-->

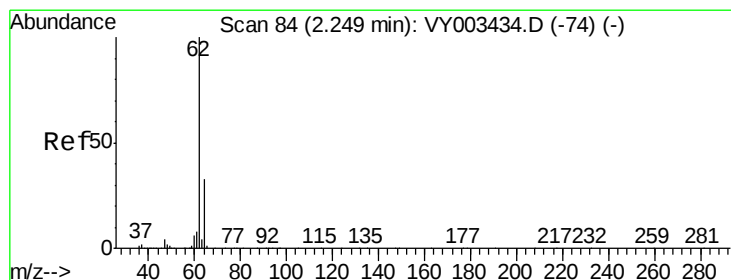
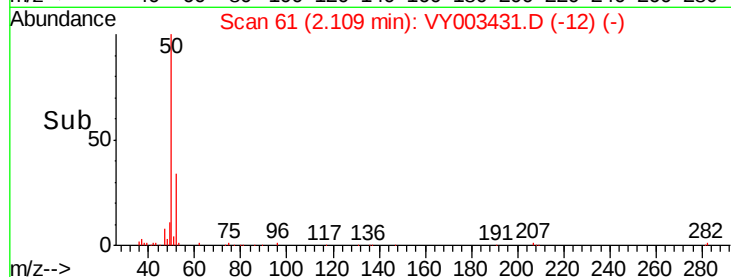
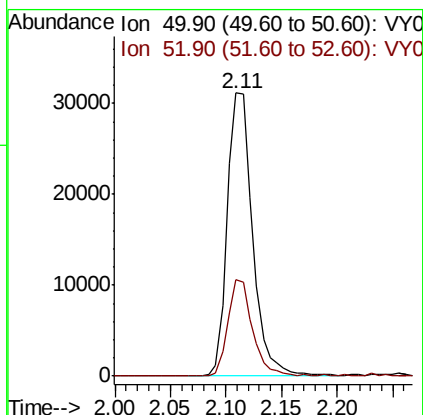
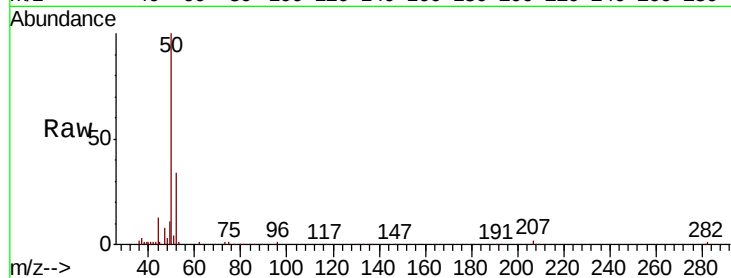




#3
Chloromethane
Concen: 6.332 ug/l
RT: 2.11 min Scan# 61
Delta R.T. 0.00 min
Lab File: VY003431.D
Acq: 04 Sep 2020 14:32

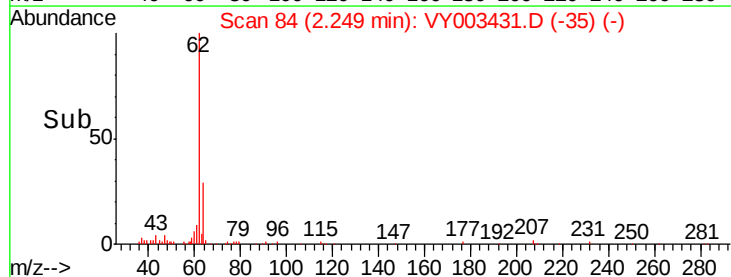
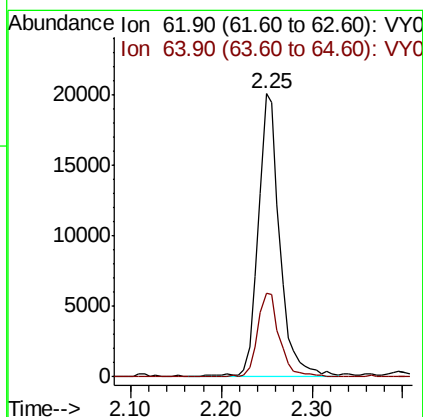
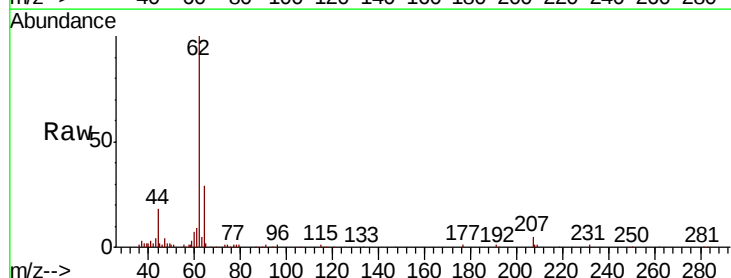
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

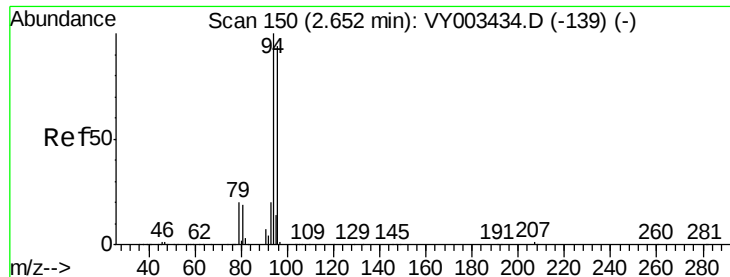
Tot Ion: 50 Resp: 49291
Ion Ratio Lower Upper
50 100
52 34.1 25.9 38.9



#4
Vinyl Chloride
Concen: 5.102 ug/l
RT: 2.25 min Scan# 84
Delta R.T. 0.00 min
Lab File: VY003431.D
Acq: 04 Sep 2020 14:32

Tgt Ion: 62 Resp: 33025
Ion Ratio Lower Upper
62 100
64 29.4 26.1 39.1





#5

Bromomethane

Concen: 5.882 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY003431.D

Acq: 04 Sep 2020 14:32

Instrument :

MSVOA_Y

ClientSampleId :

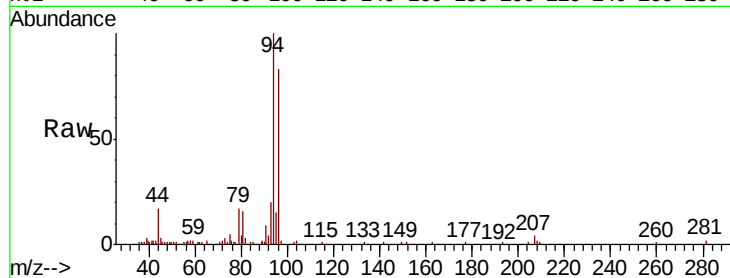
VSTDIC005

Tot Ion: 94 Resp: 29404

Ion Ratio Lower Upper

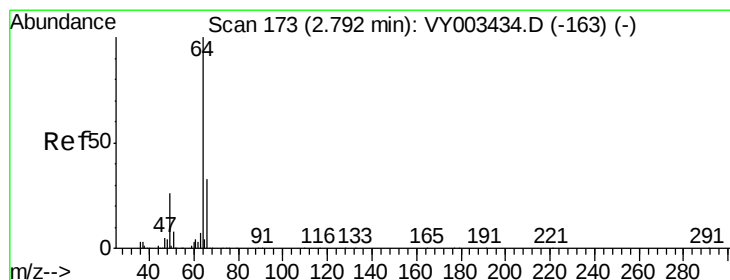
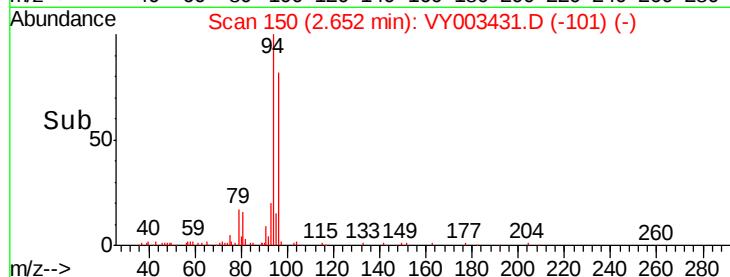
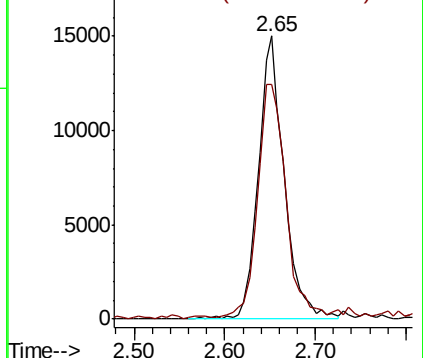
94 100

96 82.1 75.0 112.6



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 5.042 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY003431.D

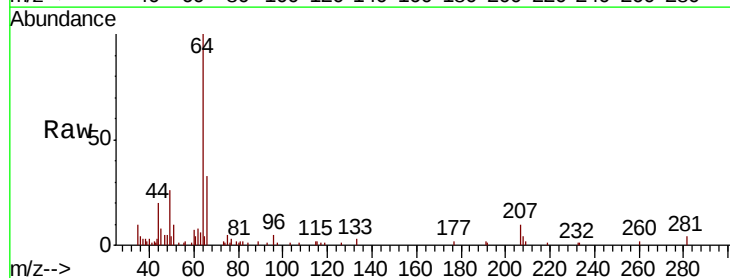
Acq: 04 Sep 2020 14:32

Tgt Ion: 64 Resp: 15711

Ion Ratio Lower Upper

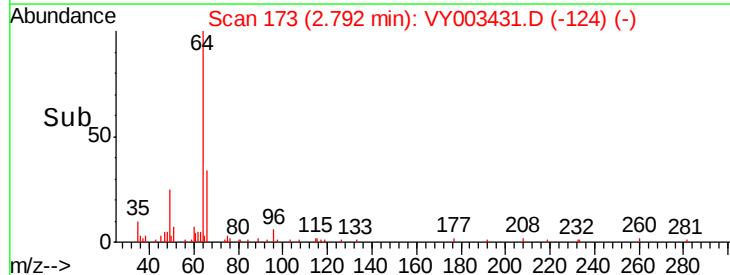
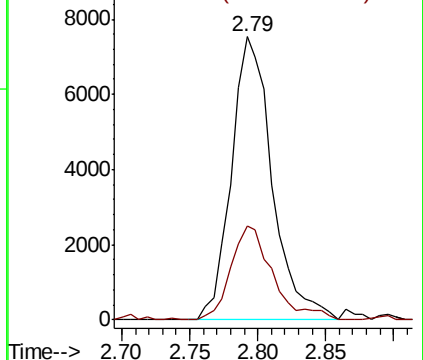
64 100

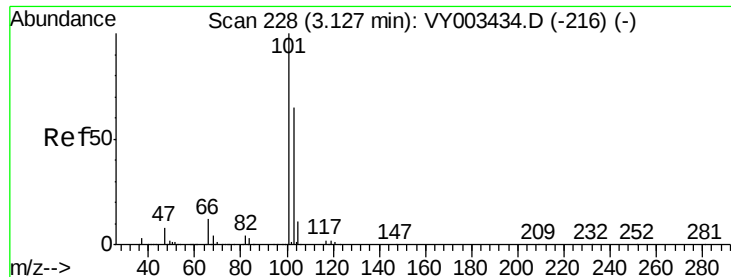
66 33.2 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

Trichlorofluoromethane

Concen: 5.133 ug/l

RT: 3.13 min Scan# 228

Delta R.T. 0.00 min

Lab File: VY003431.D

Acq: 04 Sep 2020 14:32

Instrument :

MSVOA_Y

ClientSampleId :

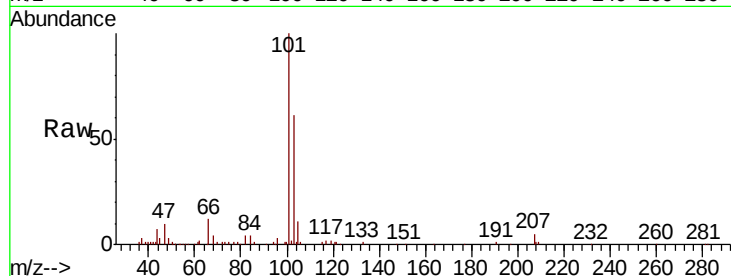
VSTDIC005

Tot Ion:101 Resp: 51951

Ion Ratio Lower Upper

101 100

103 60.7 51.7 77.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

3.13

25000

20000

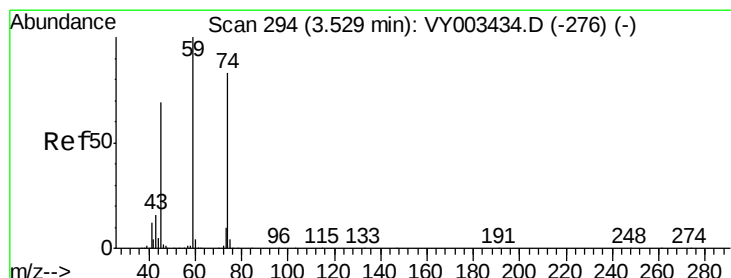
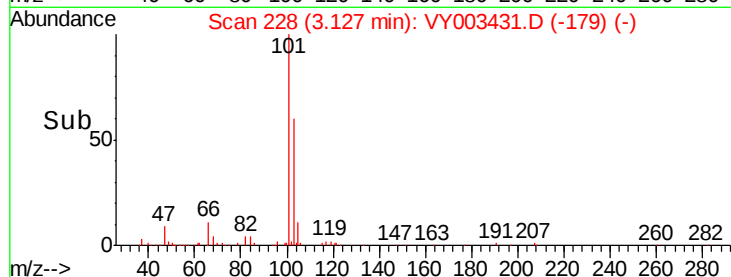
15000

10000

5000

0

Time--> 3.00 3.10 3.20



#8

Diethyl Ether

Concen: 5.094 ug/l

RT: 3.53 min Scan# 294

Delta R.T. 0.00 min

Lab File: VY003431.D

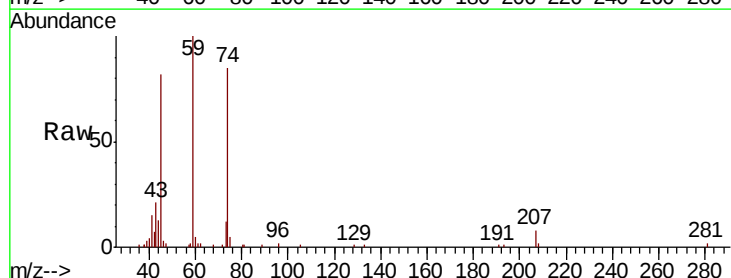
Acq: 04 Sep 2020 14:32

Tgt Ion: 74 Resp: 21277

Ion Ratio Lower Upper

74 100

45 96.3 40.6 122.0



Abundance Ion 74.00 (73.70 to 74.70): VY0

Ion 45.00 (44.70 to 45.70): VY0

3.53

10000

8000

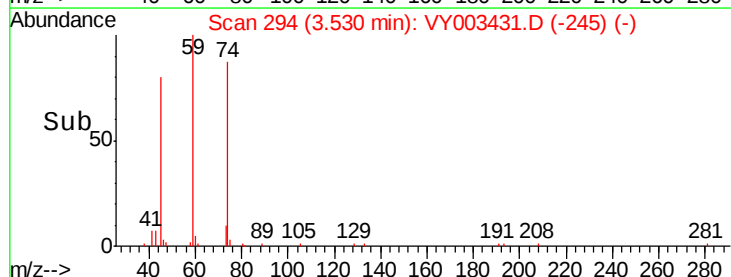
6000

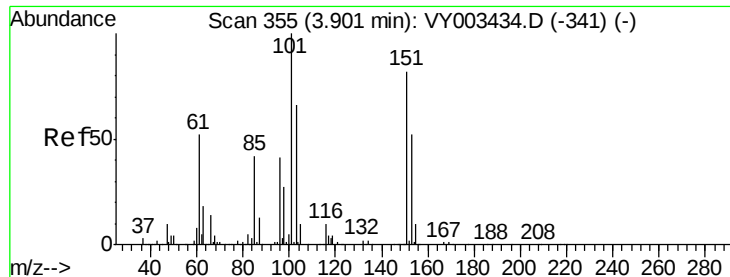
4000

2000

0

Time--> 3.40 3.50 3.60





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.986 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY003431.D

Acq: 04 Sep 2020 14:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

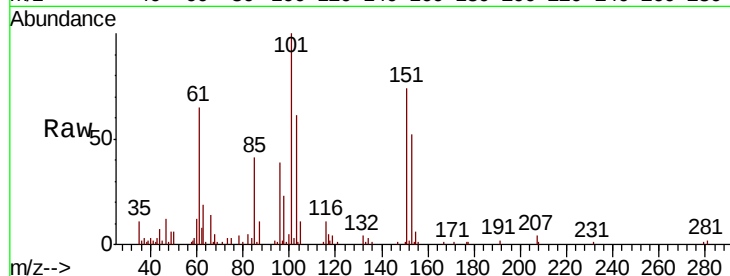
Tot Ion:101 Resp: 32762

Ion Ratio Lower Upper

101 100

85 41.1 33.1 49.7

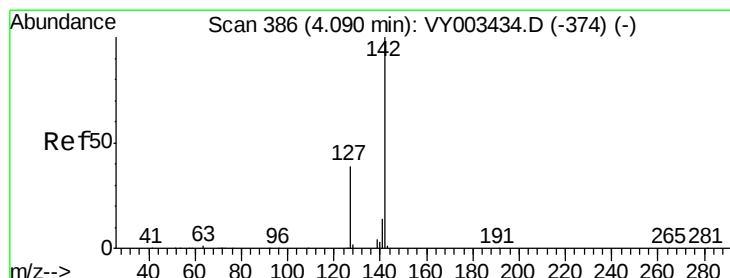
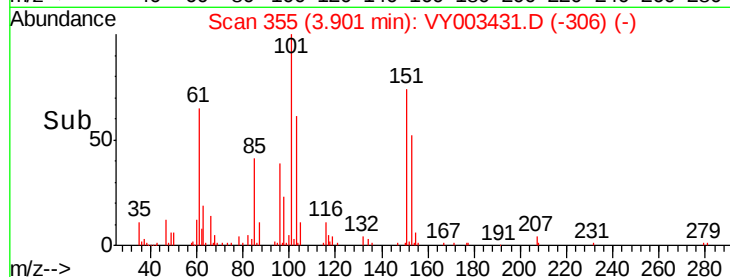
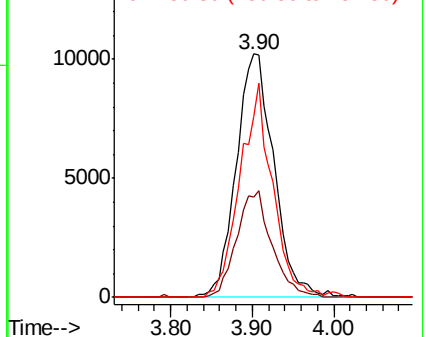
151 75.9 65.2 97.8



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: 4.228 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.01 min

Lab File: VY003431.D

Acq: 04 Sep 2020 14:32

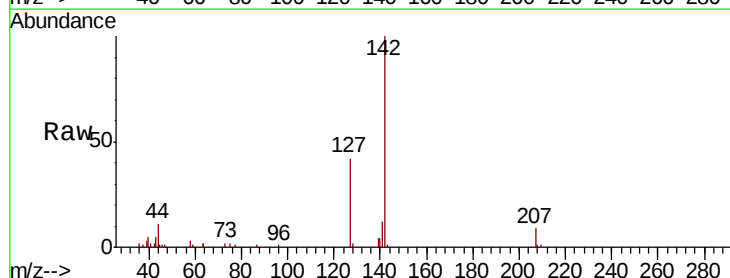
Tgt Ion:142 Resp: 18130

Ion Ratio Lower Upper

142 100

127 45.1 30.5 45.7

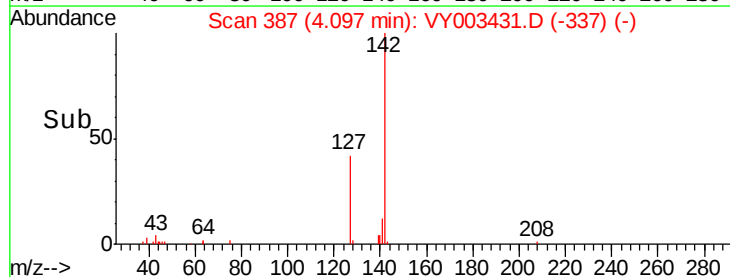
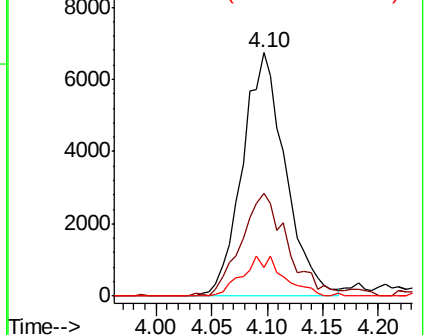
141 15.5 11.4 17.2

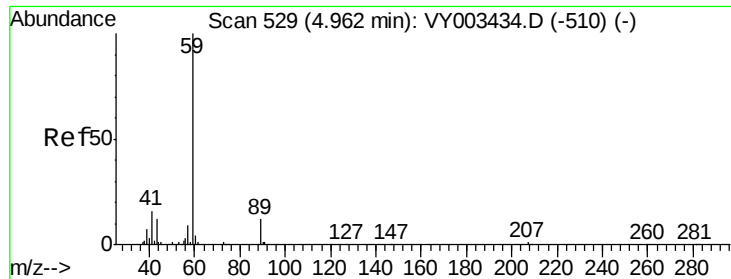


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



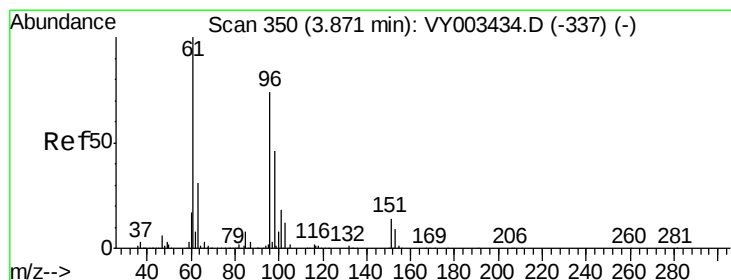
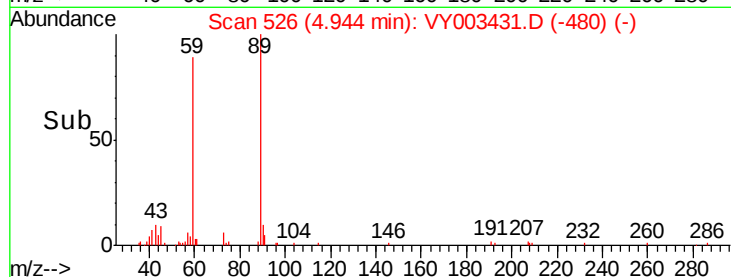
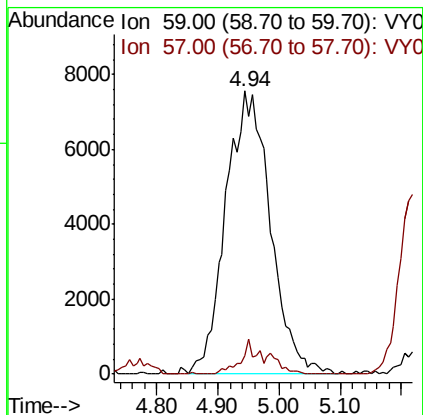
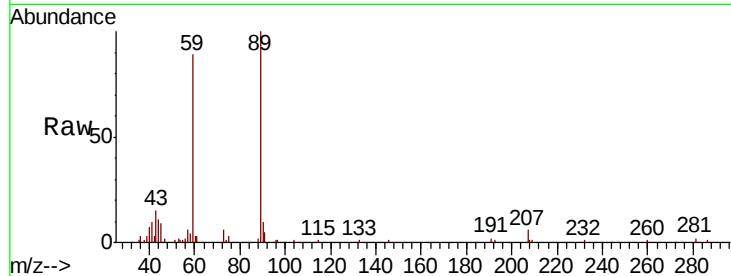


#11

Tert butyl alcohol
 Concen: 33.853 ug/l
 RT: 4.94 min Scan# 526
 Delta R.T. -0.02 min
 Lab File: VY003431.D
 Acq: 04 Sep 2020 14:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

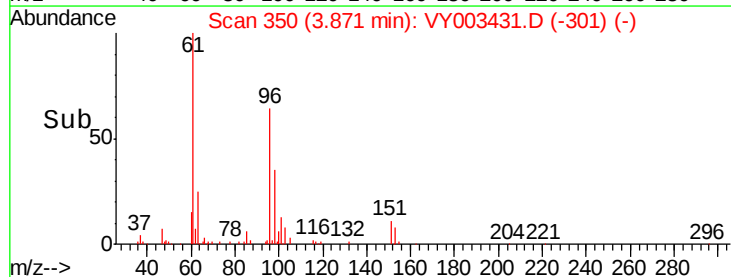
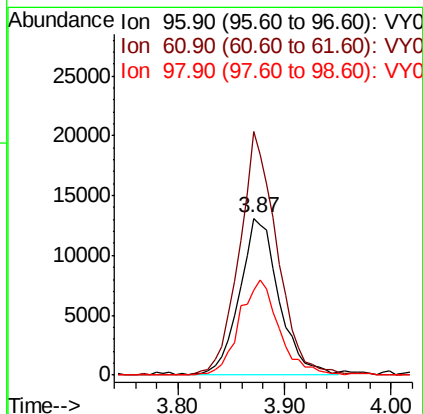
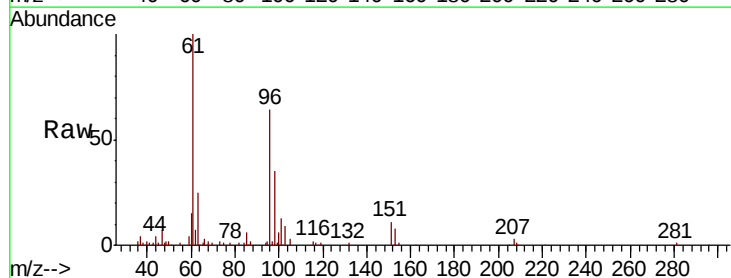
Tot Ion: 59 Resp: 38199
 Ion Ratio Lower Upper
 59 100
 57 4.4 7.4 11.0#

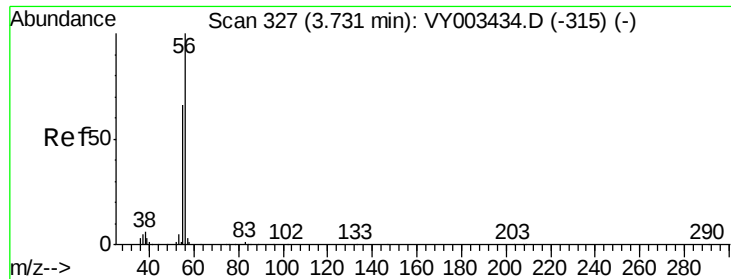


#12

1,1-Dichloroethene
 Concen: 4.990 ug/l
 RT: 3.87 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VY003431.D
 Acq: 04 Sep 2020 14:32

Tgt Ion: 96 Resp: 33515
 Ion Ratio Lower Upper
 96 100
 61 155.9 108.6 163.0
 98 54.4 50.5 75.7





#13

Acrolein

Concen: 25.338 ug/l

RT: 3.73 min Scan# 327

Delta R.T. 0.00 min

Lab File: VY003431.D

Acq: 04 Sep 2020 14:32

Instrument :

MSVOA_Y

ClientSampleId :

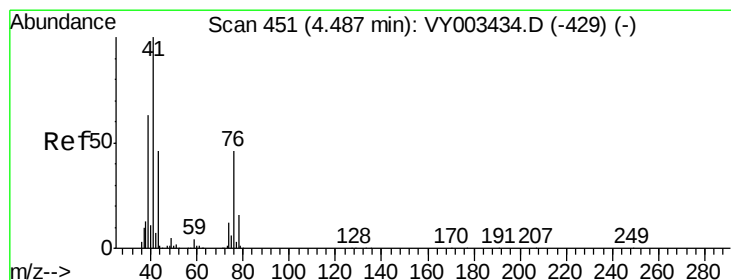
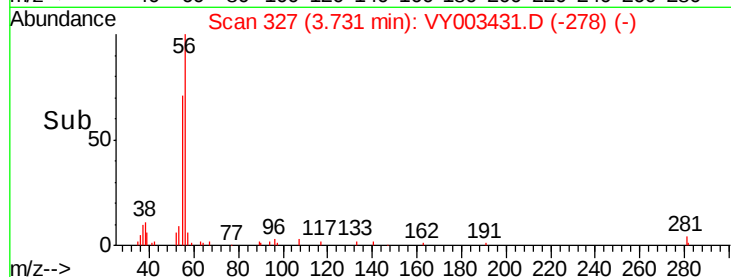
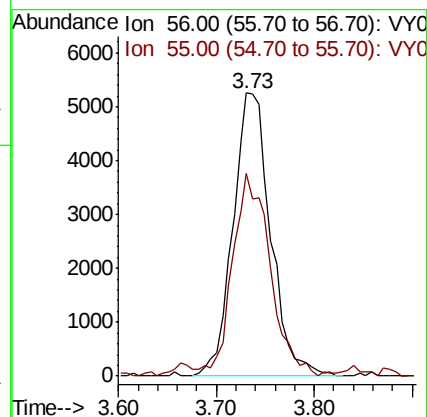
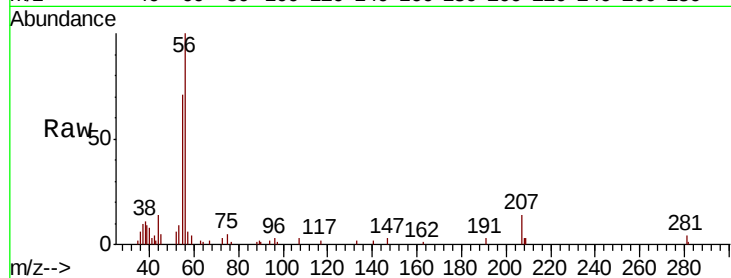
VSTDIC005

Tot Ion: 56 Resp: 14034

Ion Ratio Lower Upper

56 100

55 71.3 55.2 82.8



#14

Allyl chloride

Concen: 5.238 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY003431.D

Acq: 04 Sep 2020 14:32

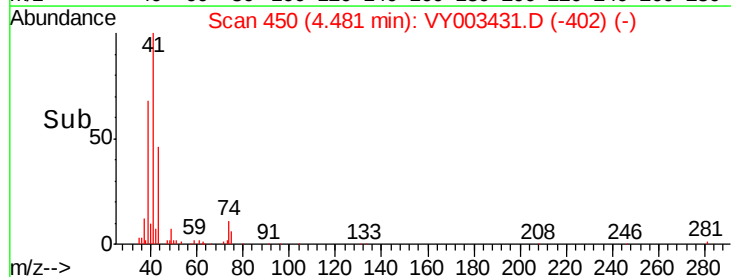
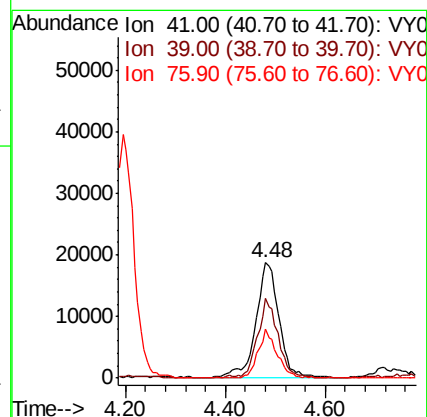
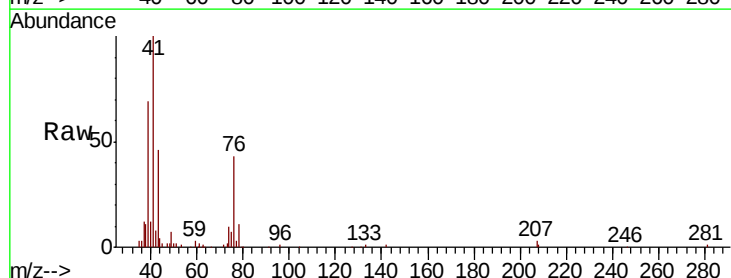
Tgt Ion: 41 Resp: 61094

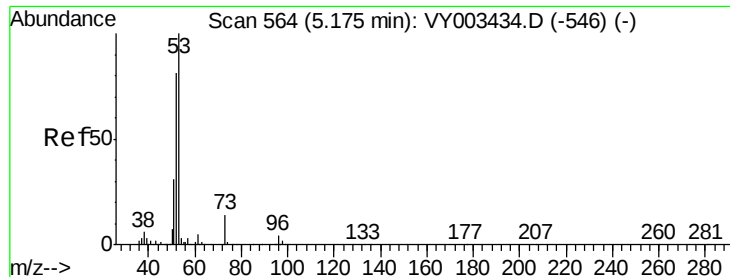
Ion Ratio Lower Upper

41 100

39 60.8 48.2 72.4

76 33.7 35.1 52.7#

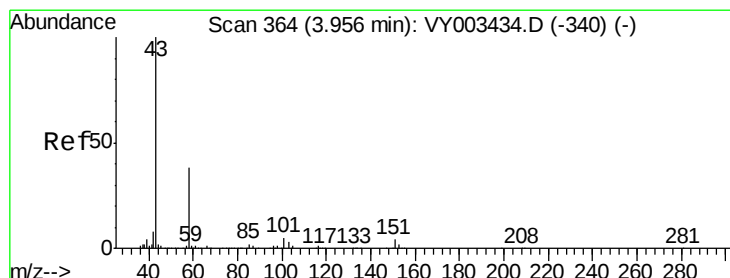
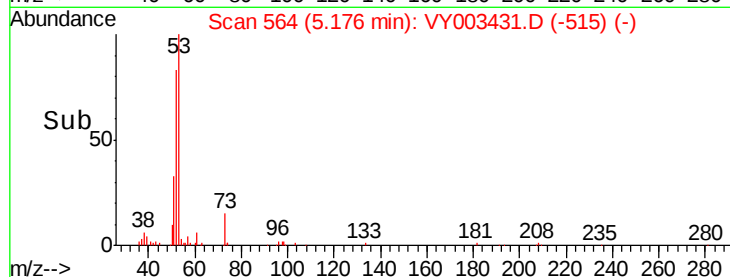
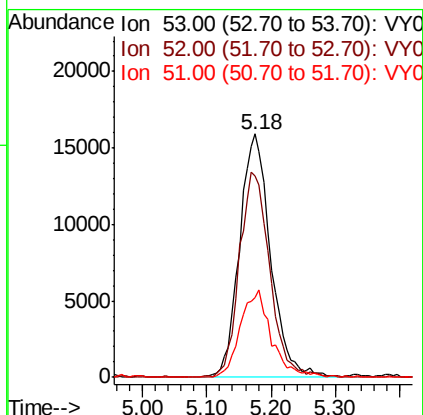
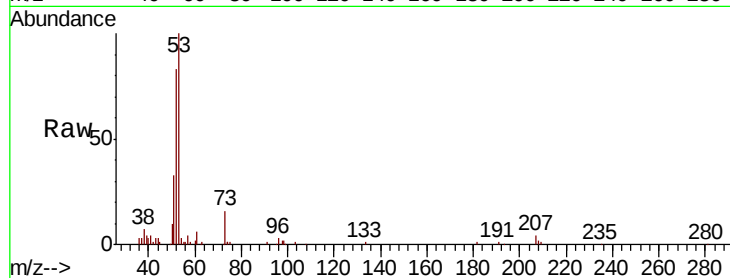




#15
 Acrylonitrile
 Concen: 23.915 ug/l
 RT: 5.18 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: VY003431.D
 Acq: 04 Sep 2020 14:32

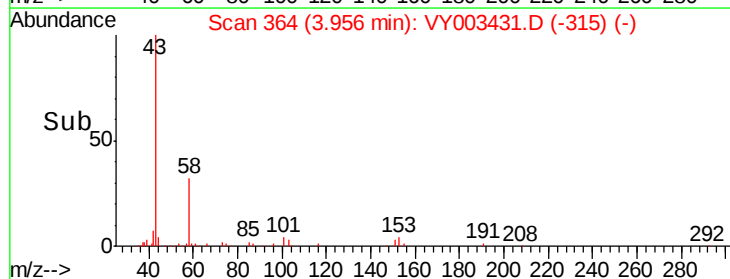
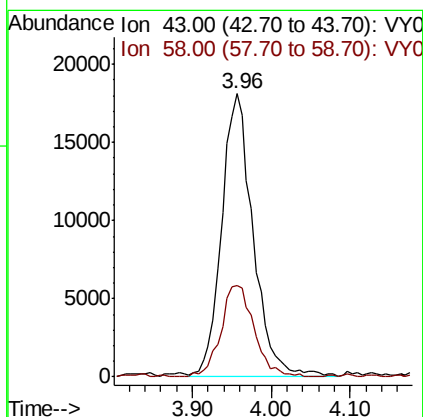
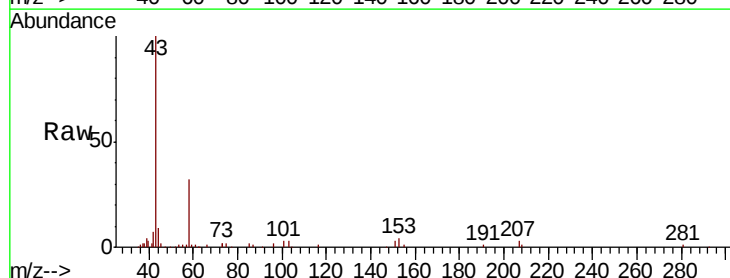
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

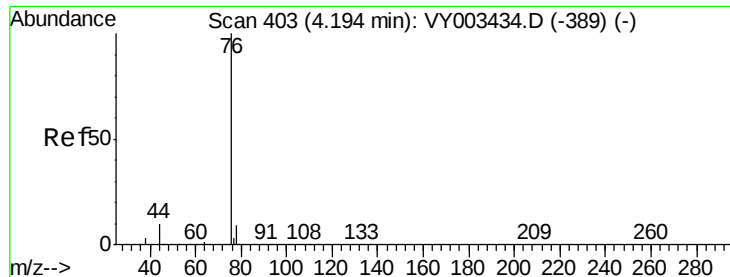
Tot Ion	53	Resp	52803
Ion	Ratio	Lower	Upper
53	100		
52	81.7	64.5	96.7
51	35.8	26.6	39.8



#16
 Acetone
 Concen: 26.130 ug/l
 RT: 3.96 min Scan# 364
 Delta R.T. 0.00 min
 Lab File: VY003431.D
 Acq: 04 Sep 2020 14:32

Tgt Ion	43	Resp	50559
Ion	Ratio	Lower	Upper
43	100		
58	32.5	29.9	44.9

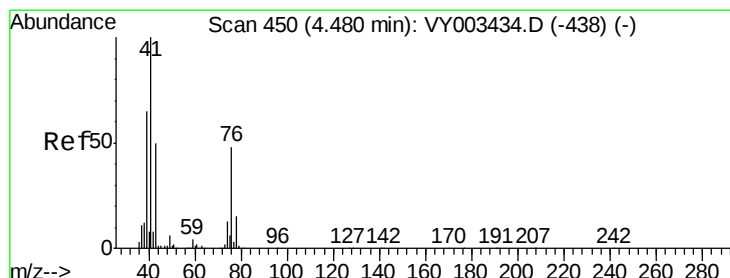
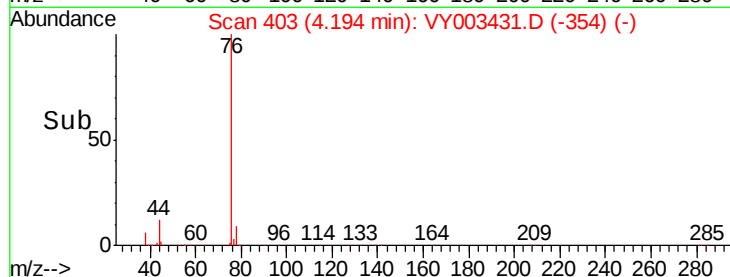
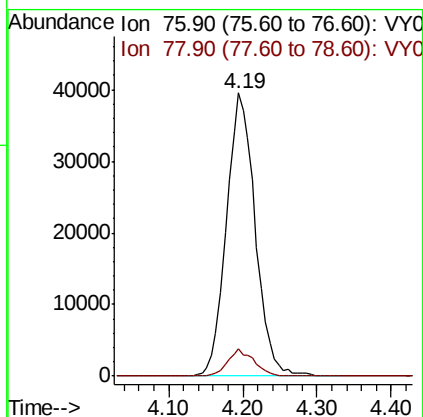
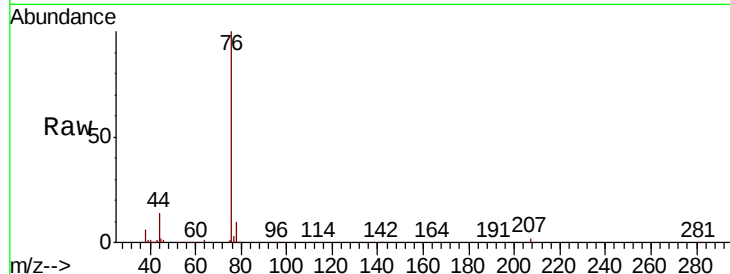




#17
Carbon Disulfide
Concen: 4.955 ug/l
RT: 4.19 min Scan# 403
Delta R.T. 0.00 min
Lab File: VY003431.D
Acq: 04 Sep 2020 14:32

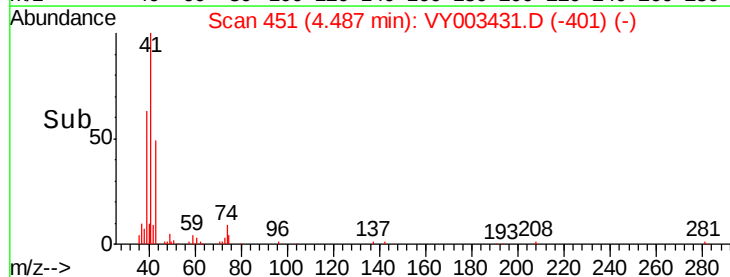
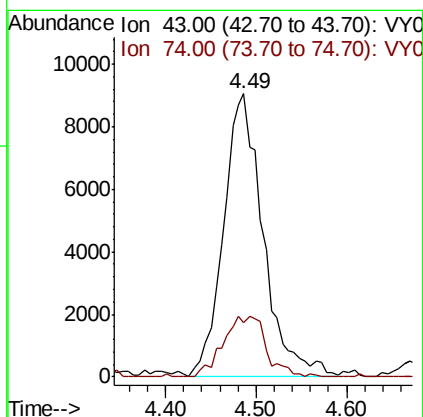
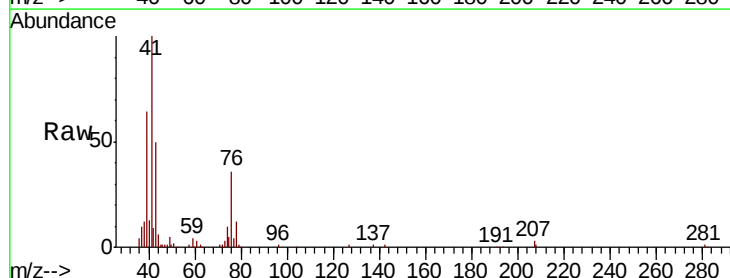
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

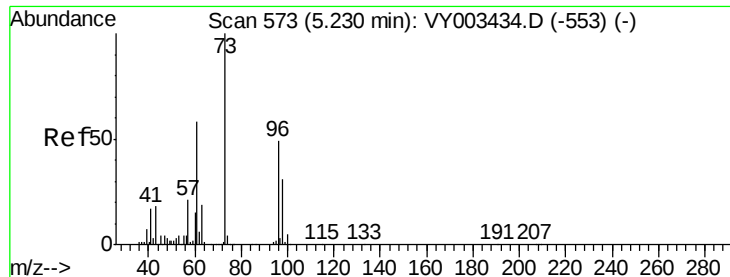
Tot Ion: 76 Resp: 106972
Ion Ratio Lower Upper
76 100
78 9.7 7.5 11.3



#18
Methyl Acetate
Concen: 5.419 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY003431.D
Acq: 04 Sep 2020 14:32

Tgt Ion: 43 Resp: 27587
Ion Ratio Lower Upper
43 100
74 23.1 22.7 34.1



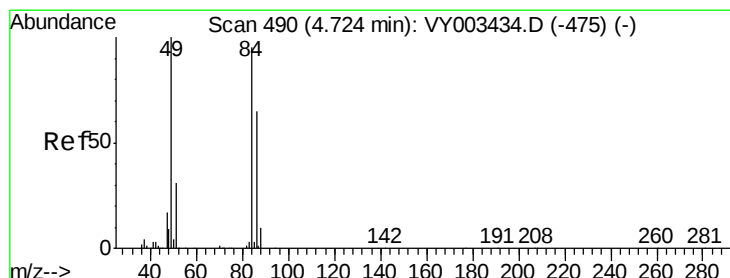
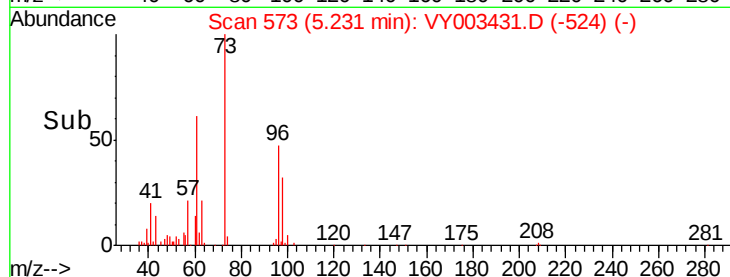
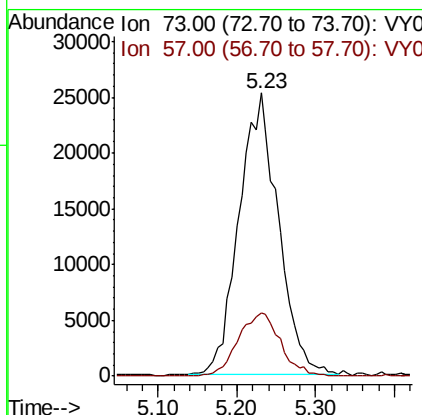
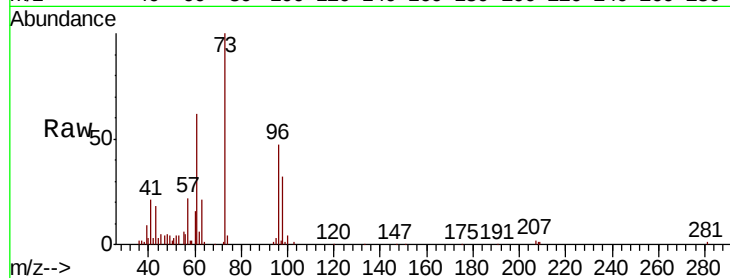


#19

Methyl tert-butyl Ether
 Concen: 4.842 ug/l
 RT: 5.23 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: VY003431.D
 Acq: 04 Sep 2020 14:32

Instrument :
 MSVOA_Y
 ClientSampleID :
 VSTDIC005

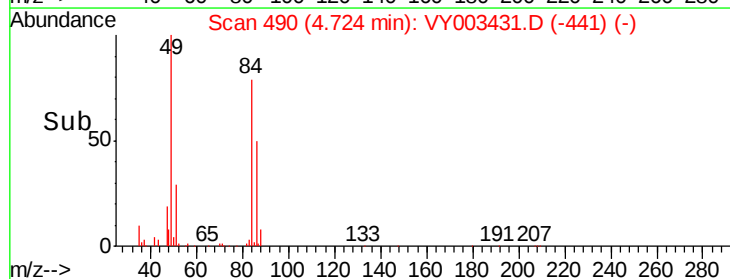
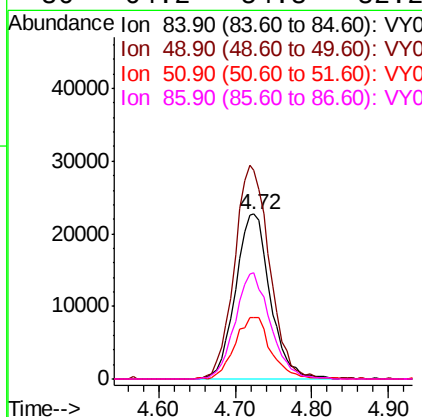
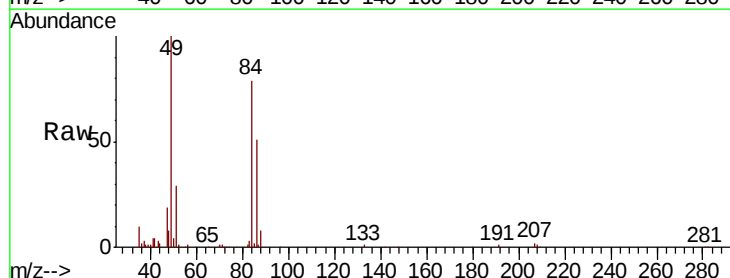
Tot Ion: 73 Resp: 87833
 Ion Ratio Lower Upper
 73 100
 57 22.4 17.0 25.6

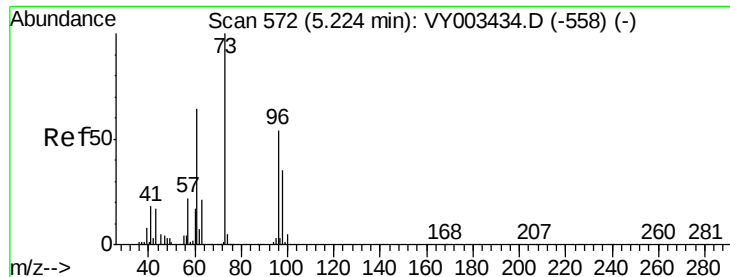


#20

Methylene Chloride
 Concen: 6.805 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: VY003431.D
 Acq: 04 Sep 2020 14:32

Tgt Ion: 84 Resp: 71330
 Ion Ratio Lower Upper
 84 100
 49 127.1 83.9 125.9#
 51 37.1 26.3 39.5
 86 64.2 54.8 82.2





#21

trans-1,2-Dichloroethene

Concen: 4.946 ug/l

RT: 5.22 min Scan# 571

Delta R.T. -0.01 min

Lab File: VY003431.D

Acq: 04 Sep 2020 14:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

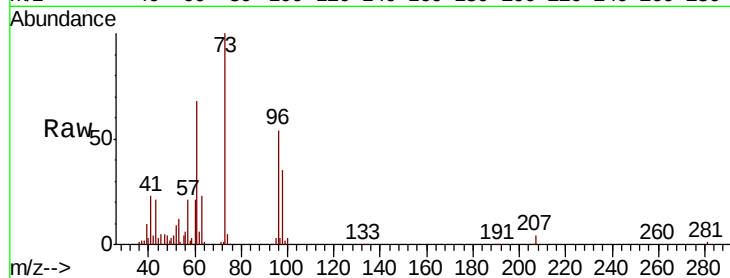
Tot Ion: 96 Resp: 37944

Ion Ratio Lower Upper

96 100

61 127.2 94.8 142.2

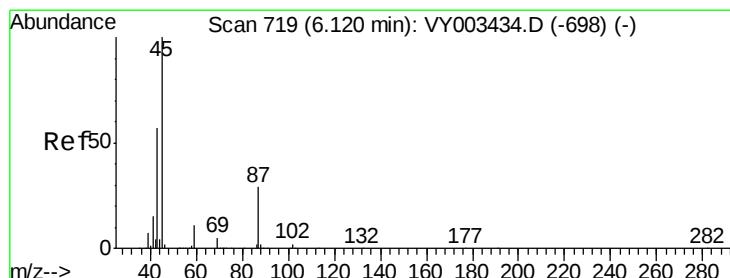
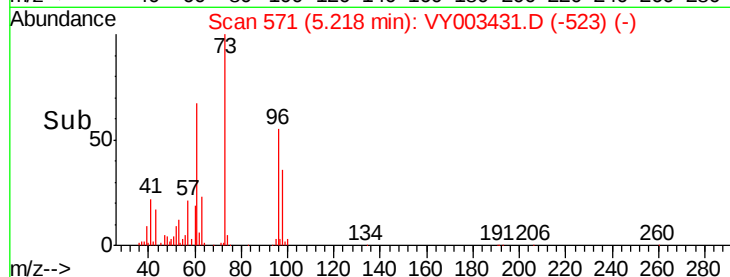
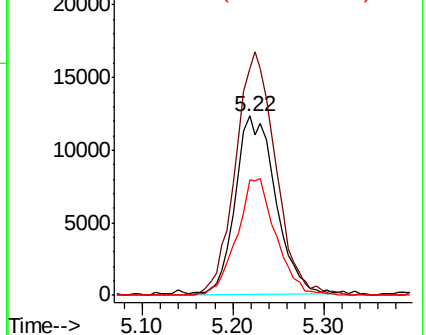
98 65.0 51.3 76.9



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: 5.030 ug/l

RT: 6.12 min Scan# 719

Delta R.T. 0.00 min

Lab File: VY003431.D

Acq: 04 Sep 2020 14:32

Tgt Ion: 45 Resp: 120630

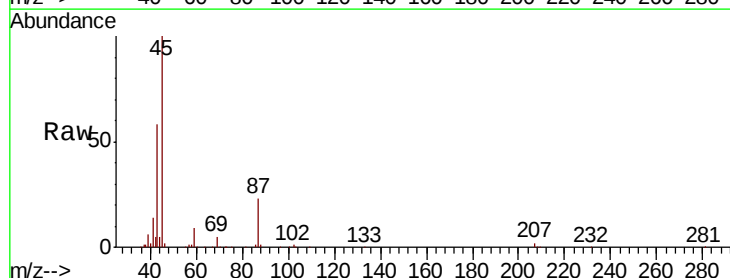
Ion Ratio Lower Upper

45 100

43 56.7 45.2 67.8

87 22.5 23.4 35.0#

59 9.1 9.2 13.8#

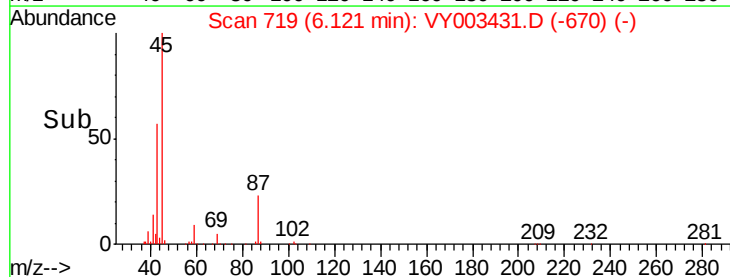
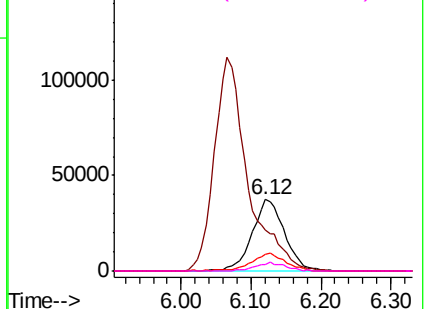


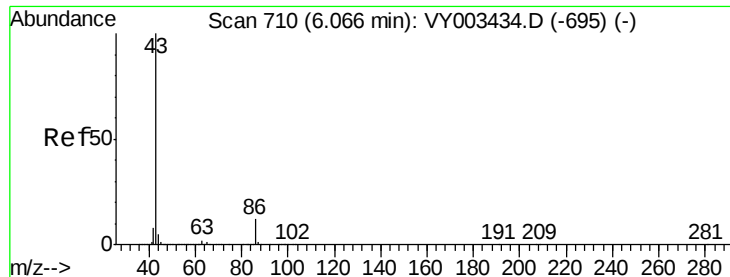
Abundance Ion 45.00 (44.70 to 45.70): VY0

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: 23.961 ug/l

RT: 6.07 min Scan# 710

Delta R.T. 0.00 min

Lab File: VY003431.D

Acq: 04 Sep 2020 14:32

Instrument :

MSVOA_Y

ClientSampleId :

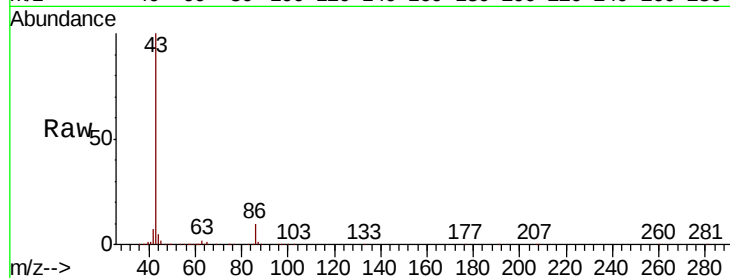
VSTDIC005

Tot Ion: 43 Resp: 373321

Ion Ratio Lower Upper

43 100

86 9.5 9.9 14.9#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

120000

100000

80000

60000

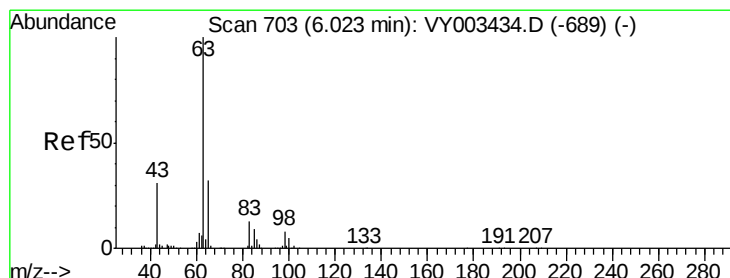
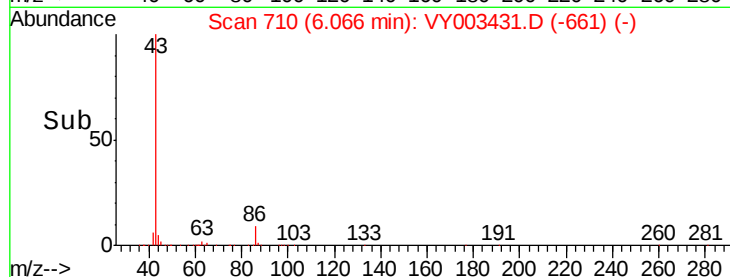
40000

20000

0

Time-->

5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 5.078 ug/l

RT: 6.02 min Scan# 703

Delta R.T. 0.00 min

Lab File: VY003431.D

Acq: 04 Sep 2020 14:32

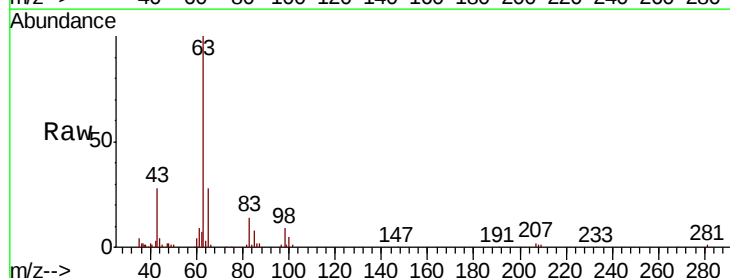
Tgt Ion: 63 Resp: 66220

Ion Ratio Lower Upper

63 100

98 9.3 3.8 11.2

100 4.6 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.02

25000

20000

15000

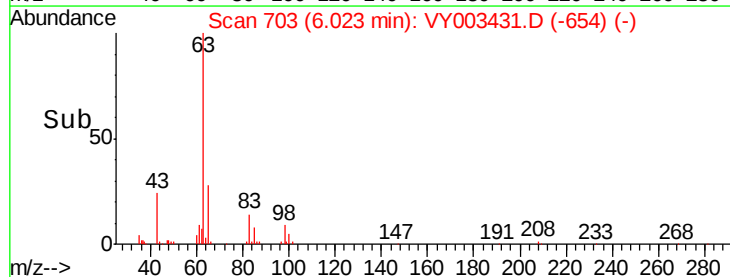
10000

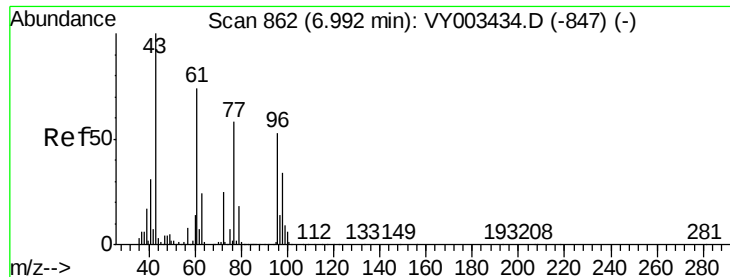
5000

0

Time-->

5.90 6.00 6.10

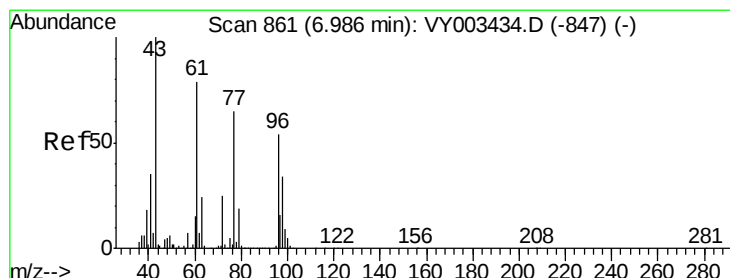
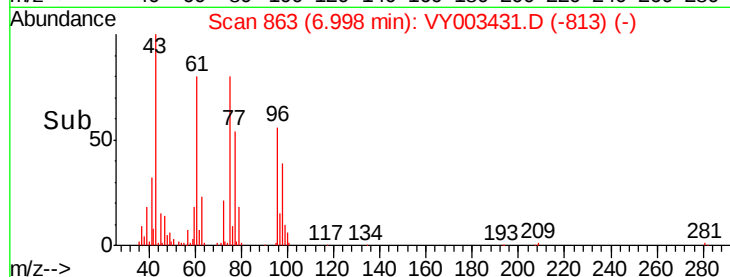
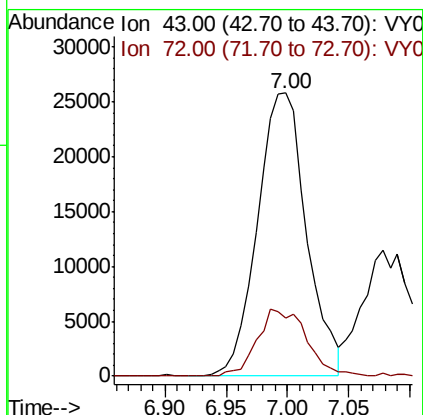
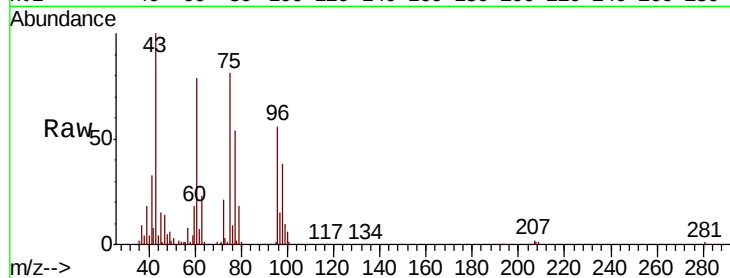




#25
2-Butanone
Concen: 23.222 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY003431.D
Acq: 04 Sep 2020 14:32

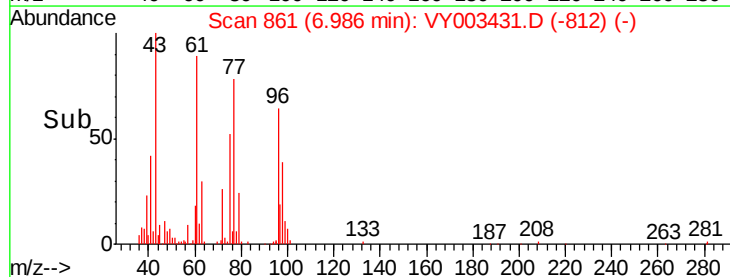
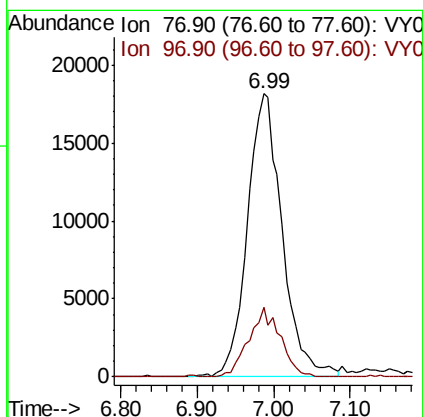
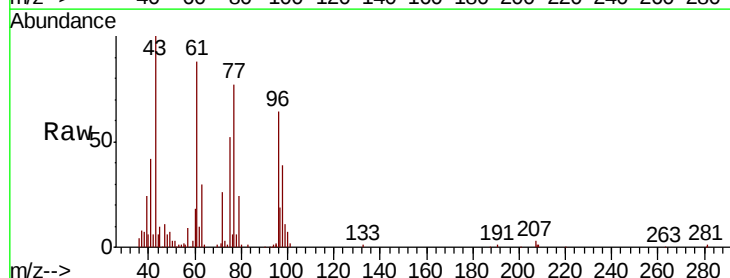
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

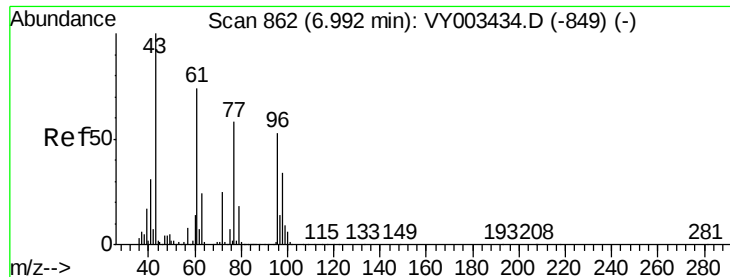
Tot Ion: 43 Resp: 72012
Ion Ratio Lower Upper
43 100
72 20.7 19.8 29.6



#26
2,2-Dichloropropane
Concen: 5.098 ug/l
RT: 6.99 min Scan# 861
Delta R.T. 0.00 min
Lab File: VY003431.D
Acq: 04 Sep 2020 14:32

Tgt Ion: 77 Resp: 57441
Ion Ratio Lower Upper
77 100
97 22.1 12.1 36.3



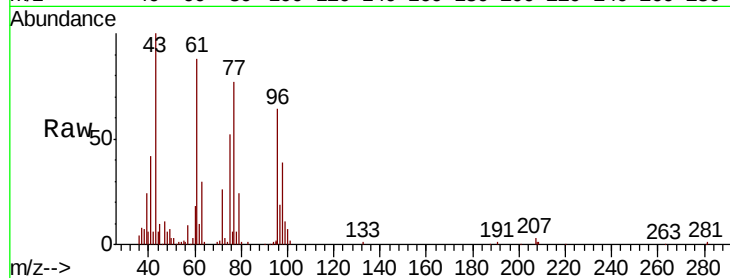


#27

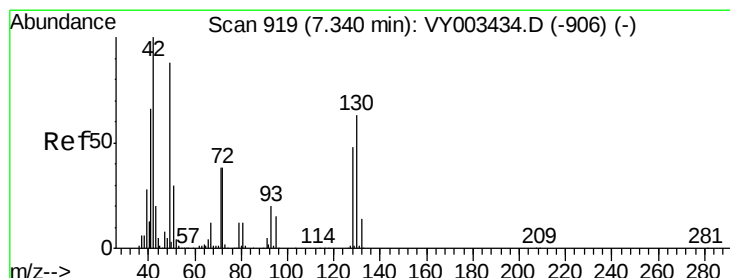
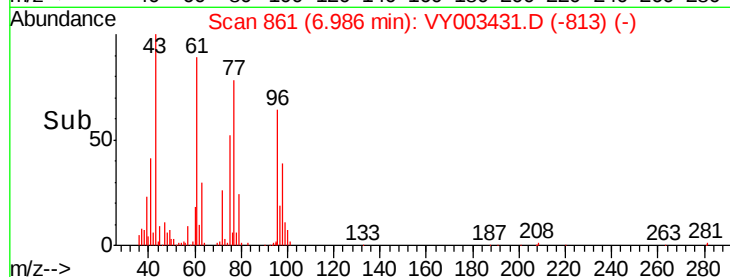
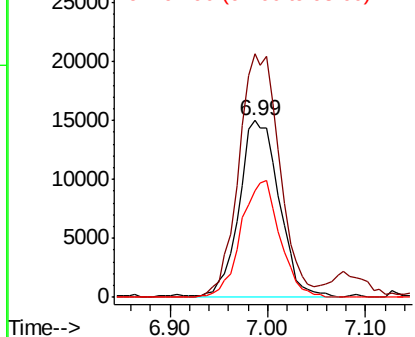
cis-1,2-Dichloroethene
Concen: 4.965 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY003431.D
Acq: 04 Sep 2020 14:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion: 96 Resp: 42522
Ion Ratio Lower Upper
96 100
61 140.8 0.0 285.0
98 64.5 0.0 128.6



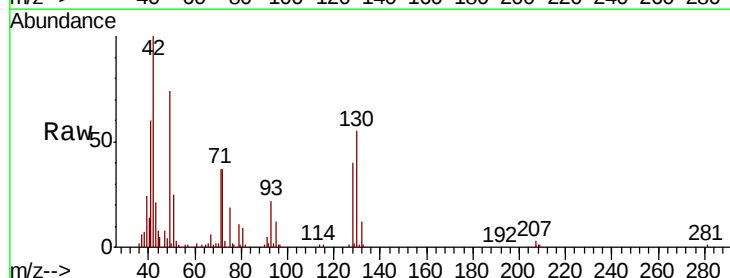
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



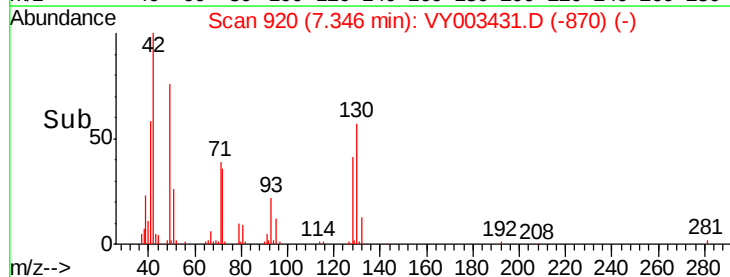
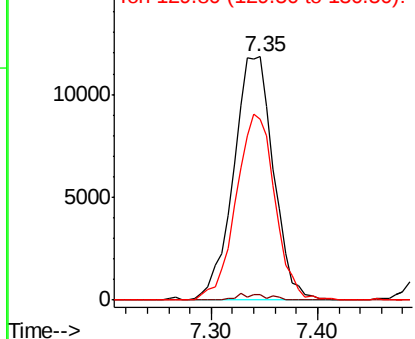
#28

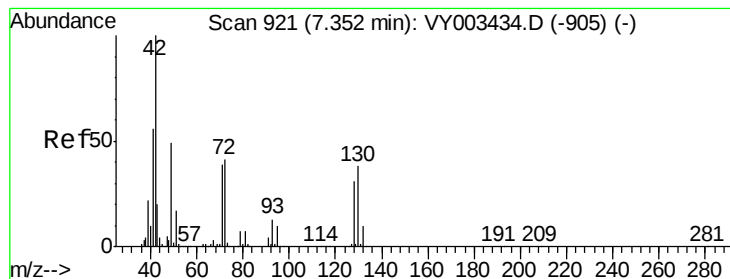
Bromochloromethane
Concen: 4.762 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.01 min
Lab File: VY003431.D
Acq: 04 Sep 2020 14:32

Tgt Ion: 49 Resp: 31175
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.8
130 74.2 57.8 86.8



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





#29

Tetrahydrofuran

Concen: 22.199 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.00 min

Lab File: VY003431.D

Acq: 04 Sep 2020 14:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

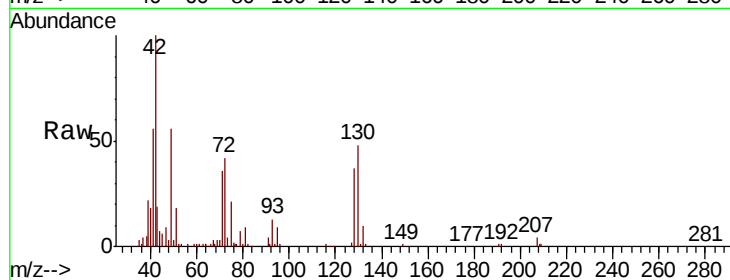
Tot Ion: 42 Resp: 45151

Ion Ratio Lower Upper

42 100

72 40.0 32.4 48.6

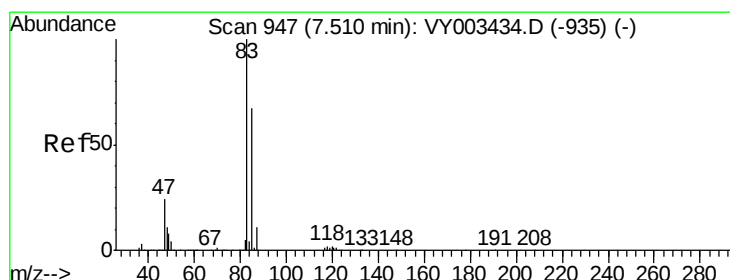
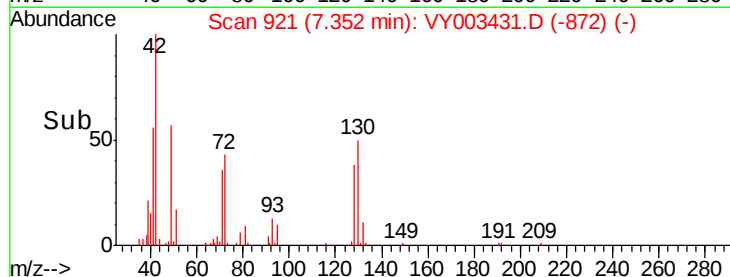
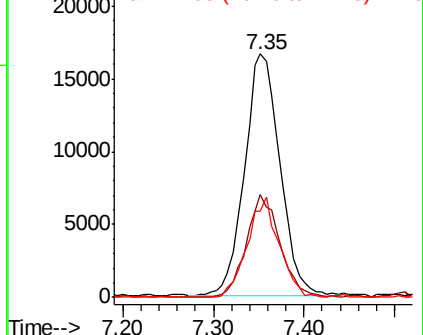
71 36.9 30.7 46.1



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 4.993 ug/l

RT: 7.51 min Scan# 947

Delta R.T. 0.00 min

Lab File: VY003431.D

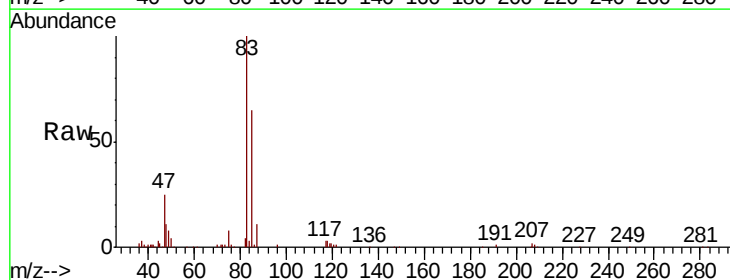
Acq: 04 Sep 2020 14:32

Tgt Ion: 83 Resp: 64126

Ion Ratio Lower Upper

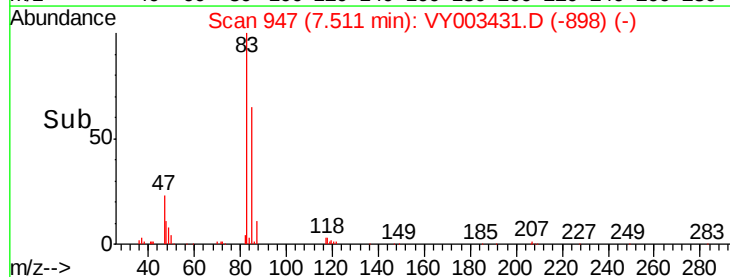
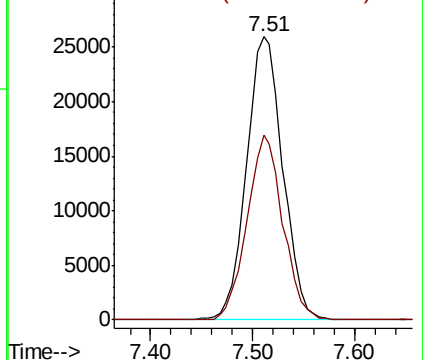
83 100

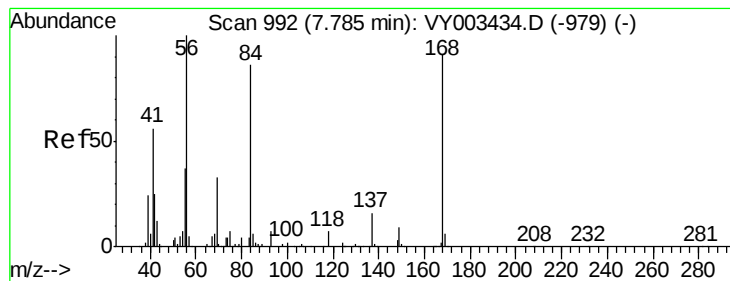
85 65.1 53.5 80.3



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 5.215 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.01 min

Lab File: VY003431.D

Acq: 04 Sep 2020 14:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

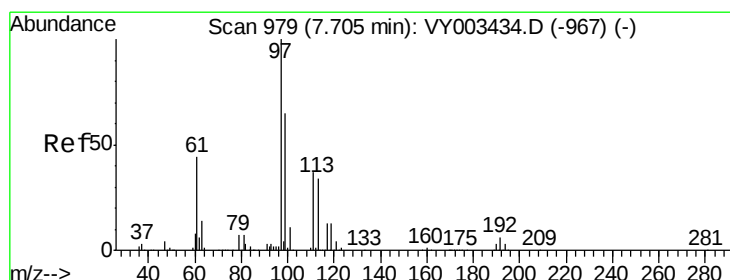
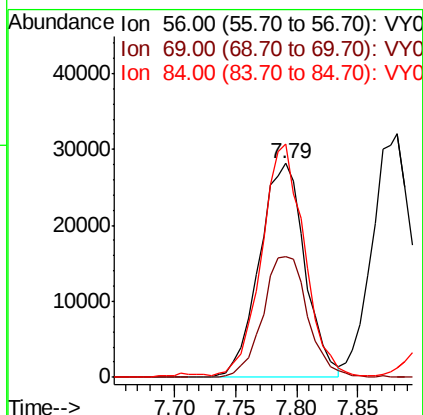
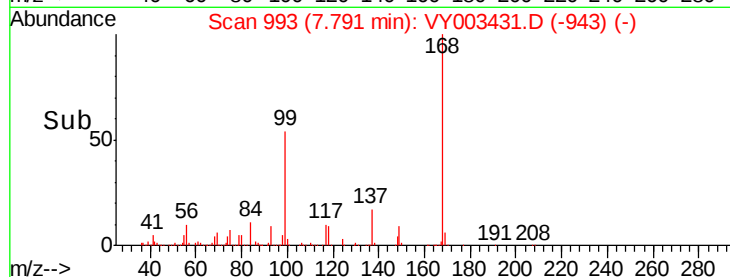
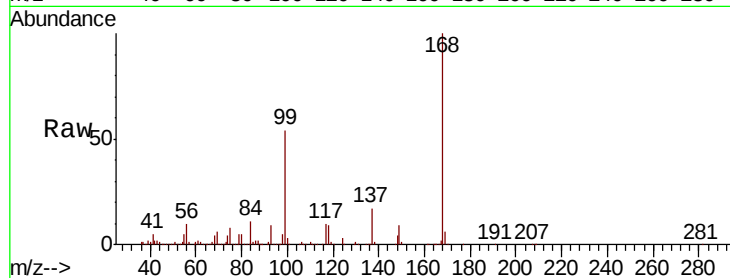
Tot Ion: 56 Resp: 72857

Ion Ratio Lower Upper

56 100

69 56.4 26.0 39.0#

84 107.8 68.7 103.1#



#32

1,1,1-Trichloroethane

Concen: 4.932 ug/l

RT: 7.71 min Scan# 979

Delta R.T. 0.00 min

Lab File: VY003431.D

Acq: 04 Sep 2020 14:32

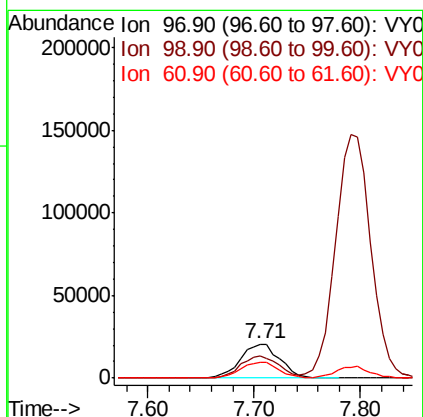
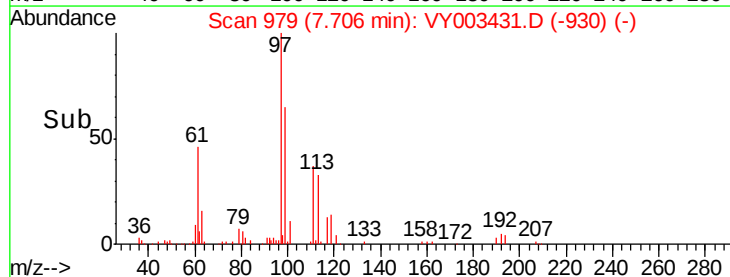
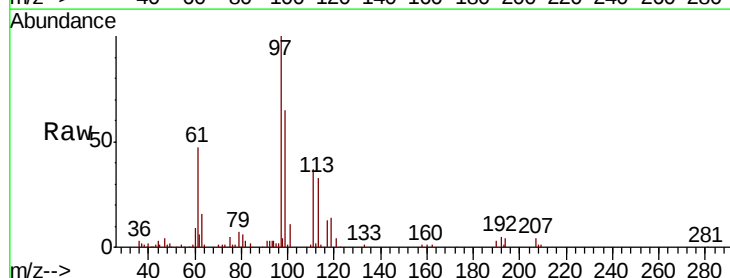
Tgt Ion: 97 Resp: 53849

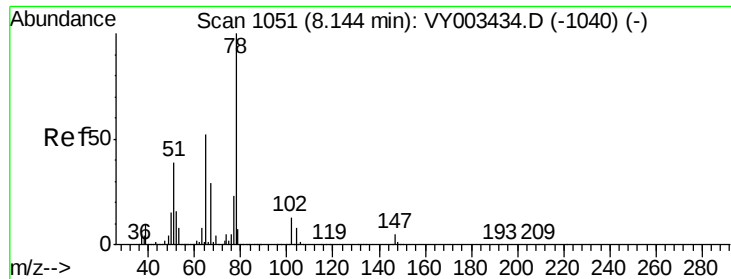
Ion Ratio Lower Upper

97 100

99 64.2 51.6 77.4

61 45.4 34.3 51.5

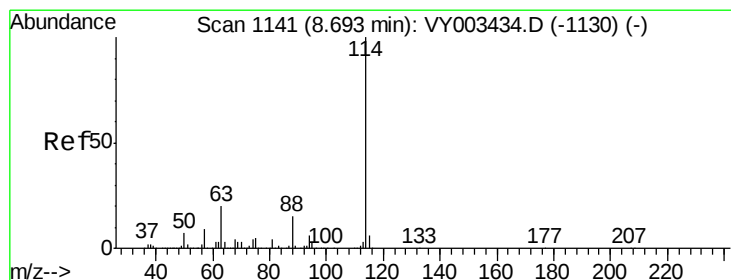
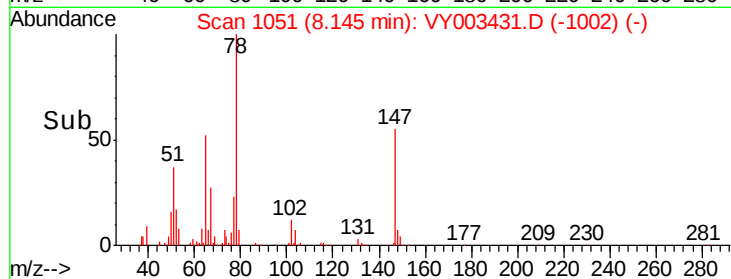
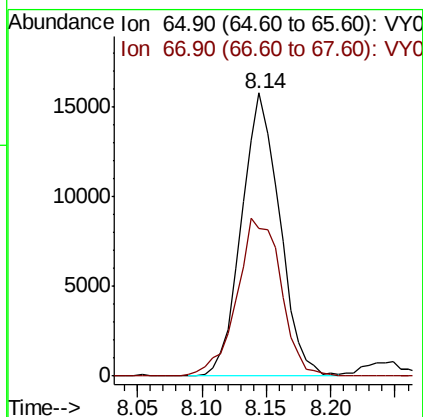
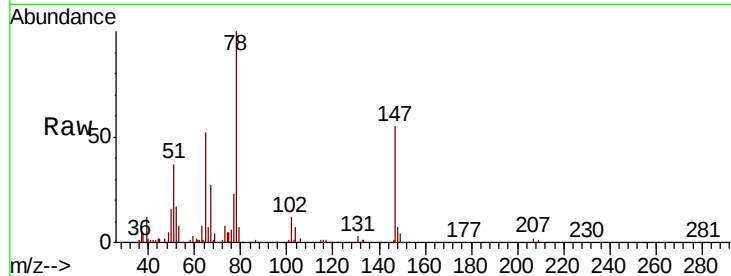




#33
 1,2-Dichloroethane-d4
 Concen: 4.815 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003431.D
 Acq: 04 Sep 2020 14:32

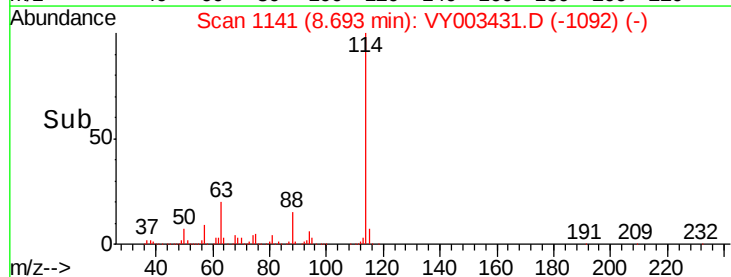
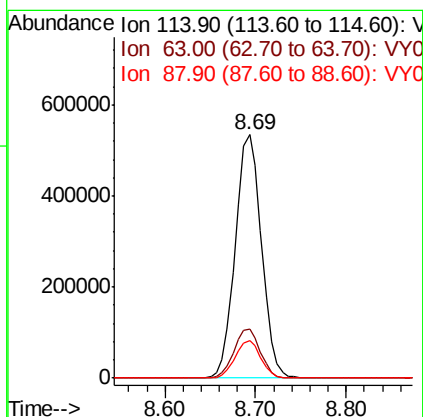
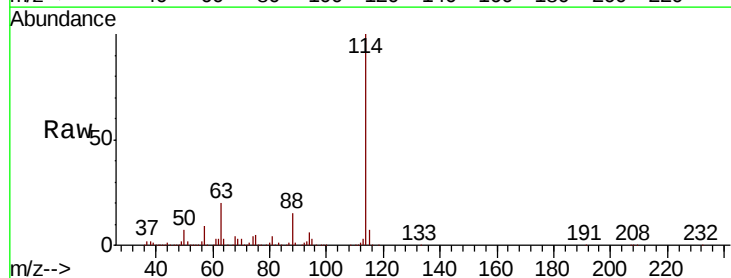
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

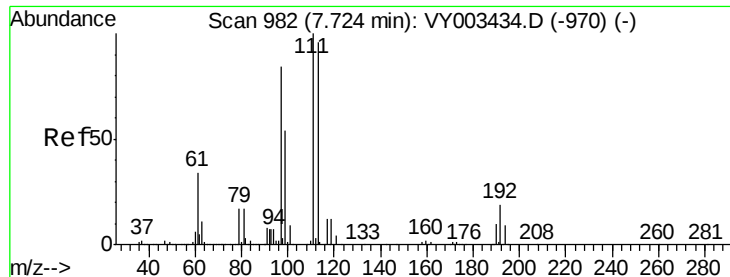
Tot Ion: 65 Resp: 32244
 Ion Ratio Lower Upper
 65 100
 67 64.5 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003431.D
 Acq: 04 Sep 2020 14:32

Tgt Ion: 114 Resp: 1069095
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.6
 88 15.4 0.0 29.0

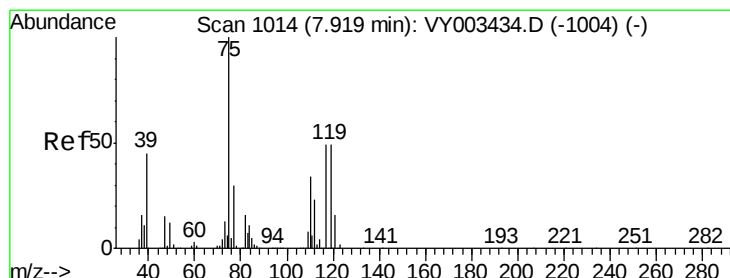
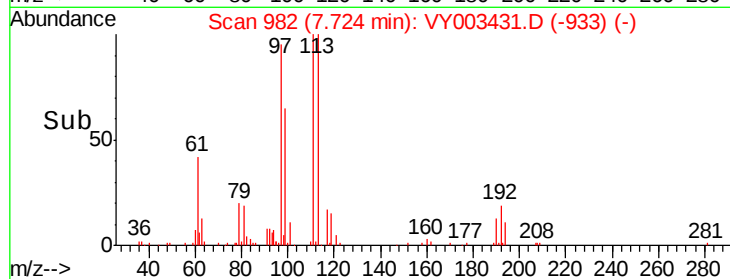
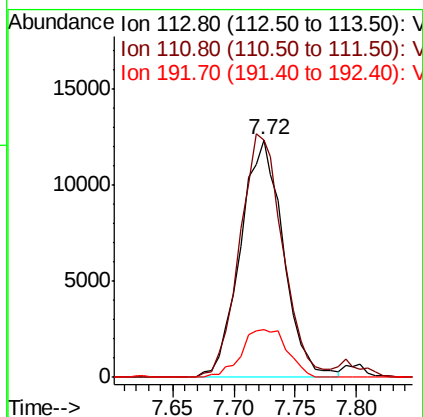
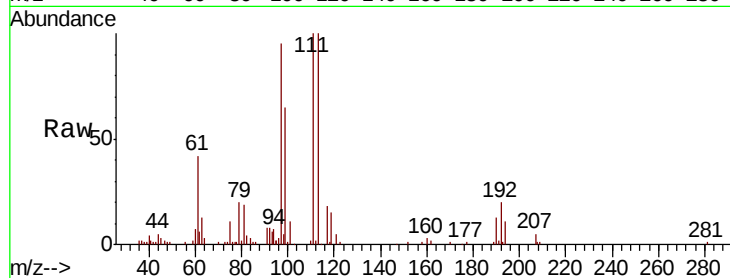




#35
 Dibromofluoromethane
 Concen: 4.857 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003431.D
 Acq: 04 Sep 2020 14:32

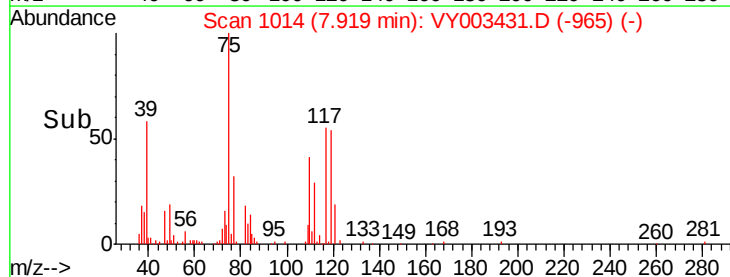
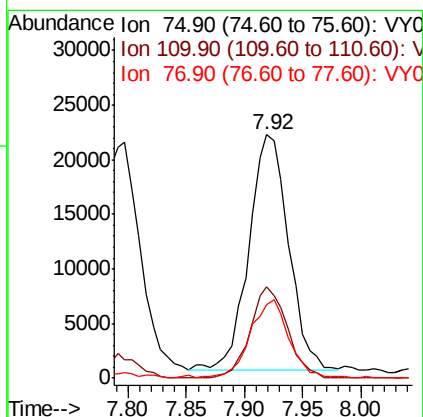
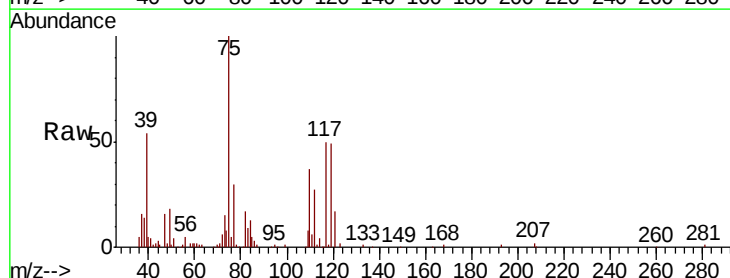
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

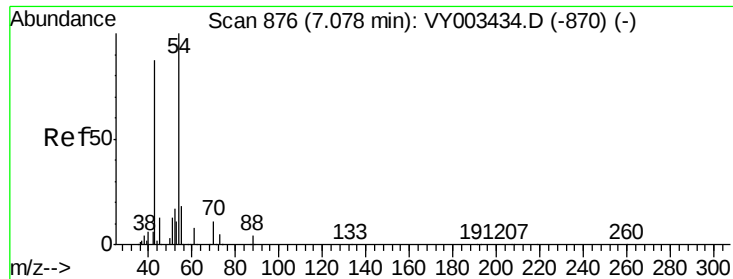
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.2	123.2
192	21.6	15.7	23.5



#36
 1,1-Dichloropropene
 Concen: 4.866 ug/l
 RT: 7.92 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VY003431.D
 Acq: 04 Sep 2020 14:32

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.4	17.8	53.5
77	32.0	24.4	36.6

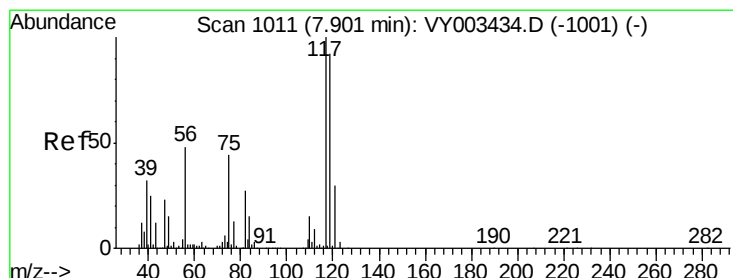
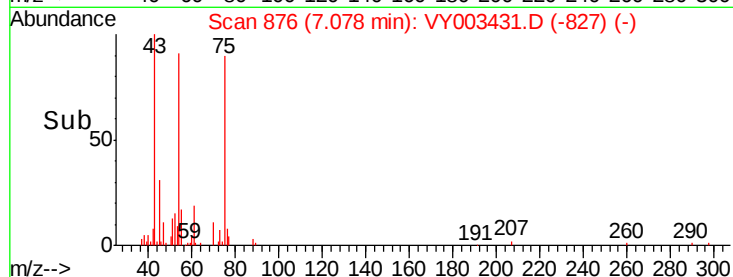
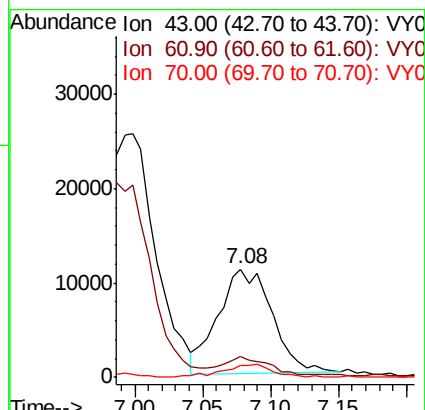
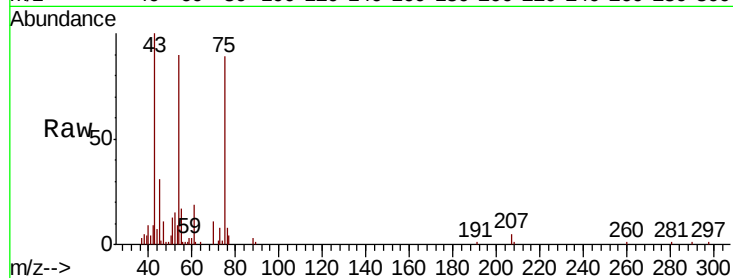




#37
Ethyl Acetate
Concen: 4.610 ug/l
RT: 7.08 min Scan# 876
Delta R.T. 0.00 min
Lab File: VY003431.D
Acq: 04 Sep 2020 14:32

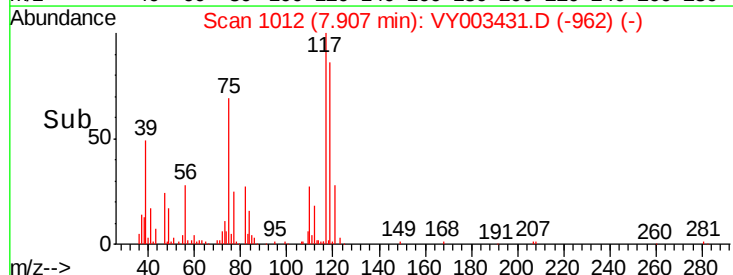
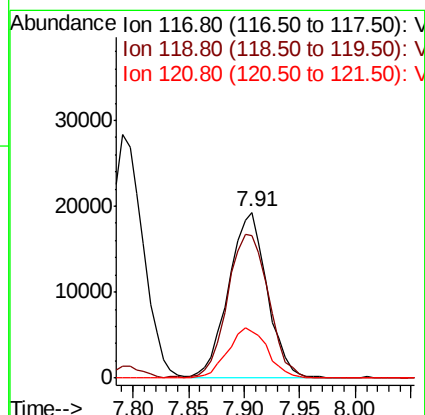
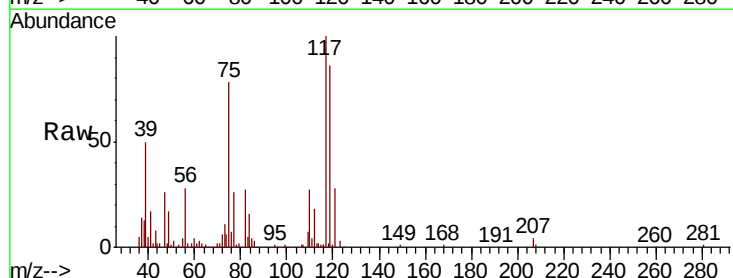
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

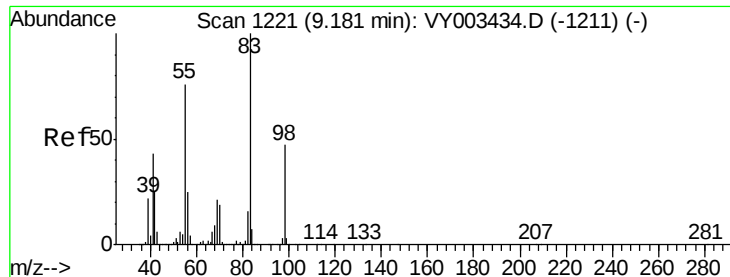
Tot Ion: 43 Resp: 30743
Ion Ratio Lower Upper
43 100
61 14.6 11.4 17.2
70 10.6 8.1 12.1



#38
Carbon Tetrachloride
Concen: 4.853 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VY003431.D
Acq: 04 Sep 2020 14:32

Tgt Ion: 117 Resp: 46328
Ion Ratio Lower Upper
117 100
119 85.7 73.4 110.2
121 28.2 24.0 36.0

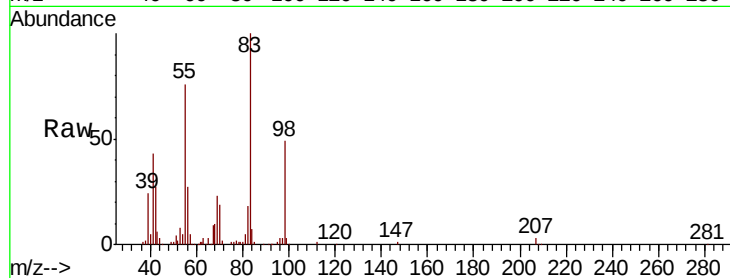




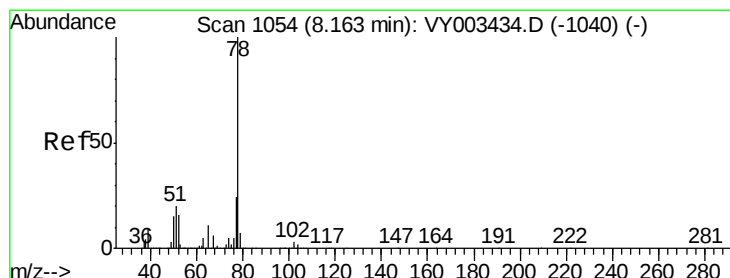
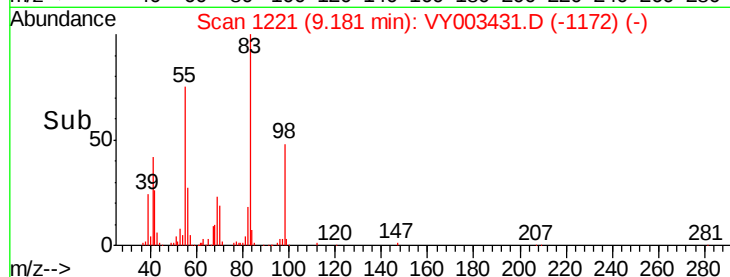
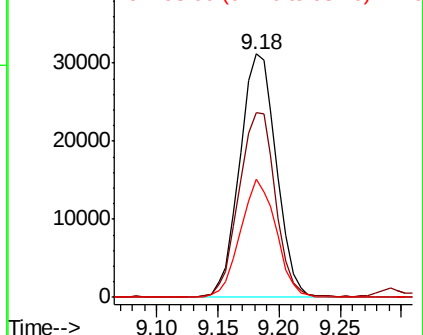
#39
Methvlcvclohexane
Concen: 4.796 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. 0.00 min
Lab File: VY003431.D
Acq: 04 Sep 2020 14:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion: 83 Resp: 64946
Ion Ratio Lower Upper
83 100
55 75.7 61.0 91.4
98 48.6 37.3 55.9

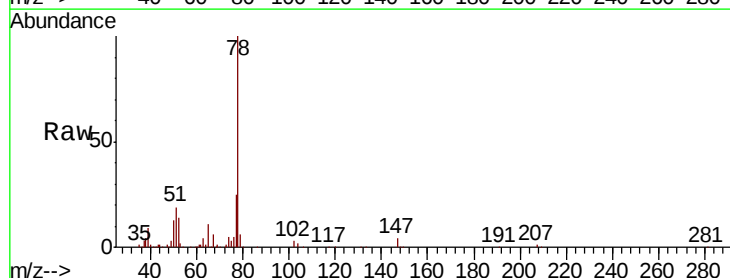


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

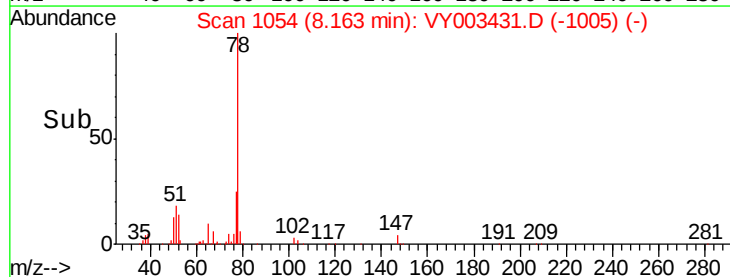
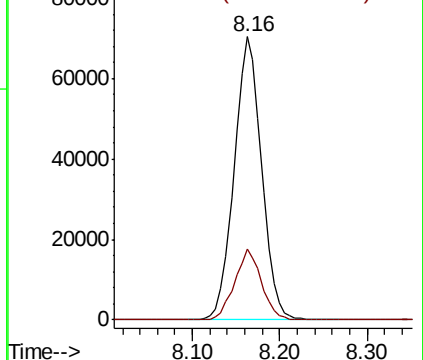


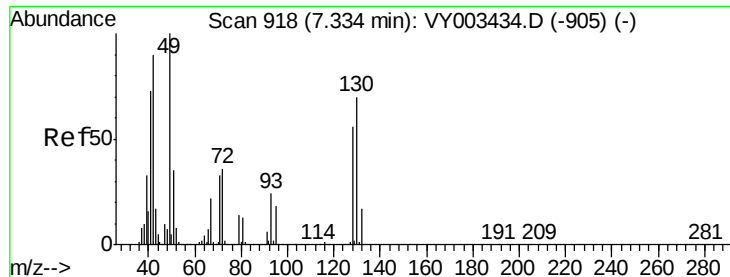
#40
Benzene
Concen: 4.900 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY003431.D
Acq: 04 Sep 2020 14:32

Tgt Ion: 78 Resp: 152983
Ion Ratio Lower Upper
78 100
77 25.1 19.1 28.7



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

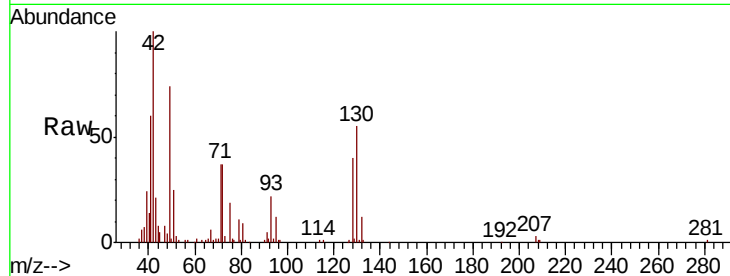




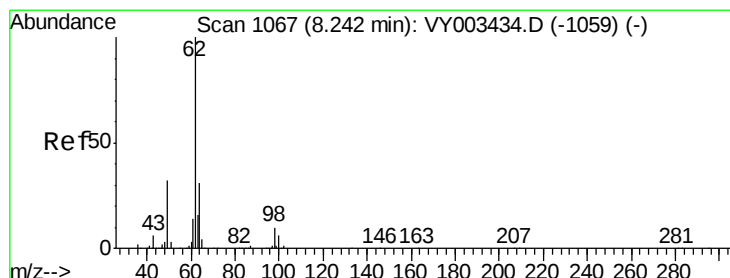
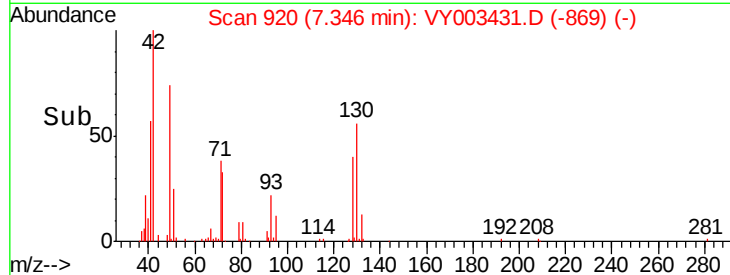
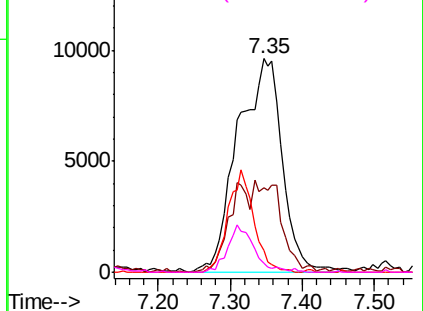
#41
Methacrylonitrile
Concen: 11.237 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.01 min
Lab File: VY003431.D
Acq: 04 Sep 2020 14:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion:	41	Resp:	41412
Ion	Ratio	Lower	Upper
41	100		
39	3.5	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

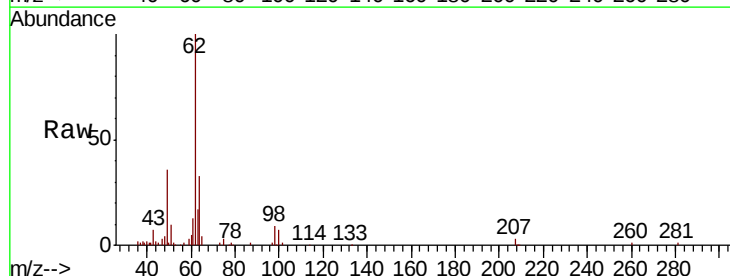


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

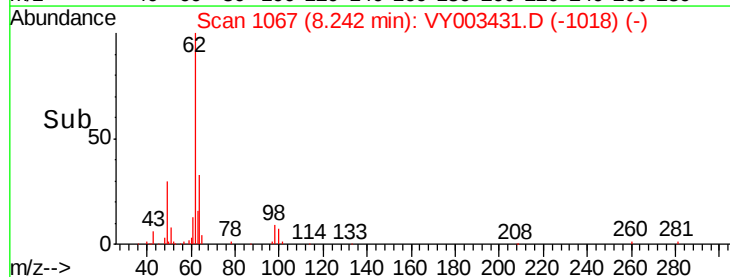
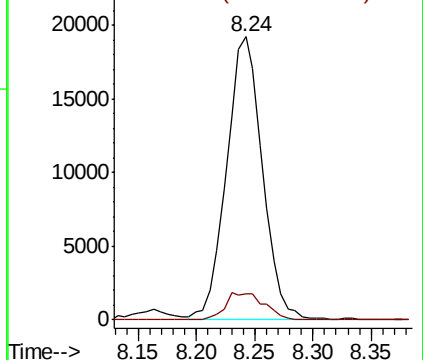


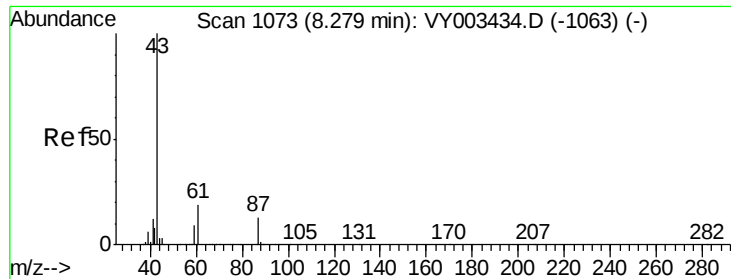
#42
1,2-Dichloroethane
Concen: 4.925 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY003431.D
Acq: 04 Sep 2020 14:32

Tgt Ion:	62	Resp:	41101
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	21.4



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

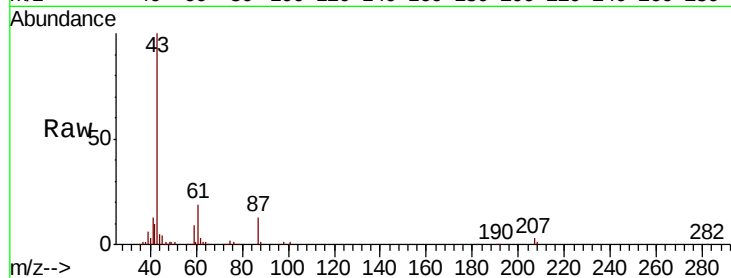




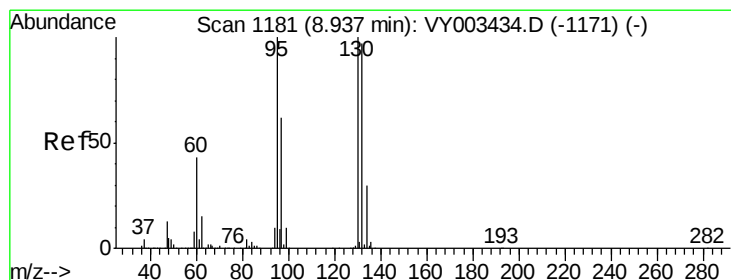
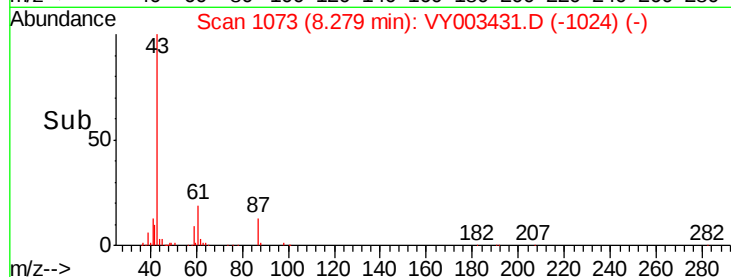
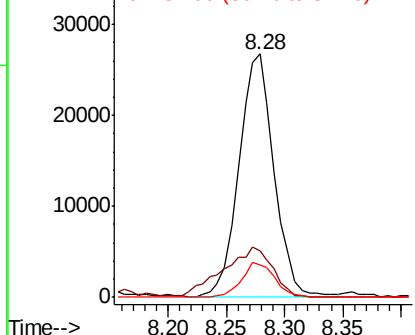
#43
Isopropyl Acetate
Concen: 4.609 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. 0.00 min
Lab File: VY003431.D
Acq: 04 Sep 2020 14:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion: 43 Resp: 55541
Ion Ratio Lower Upper
43 100
61 29.7 22.8 34.2
87 13.8 10.4 15.6

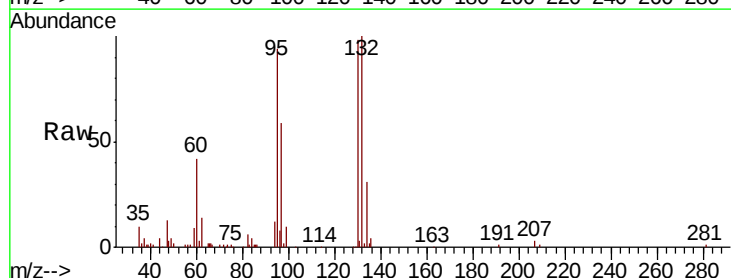


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

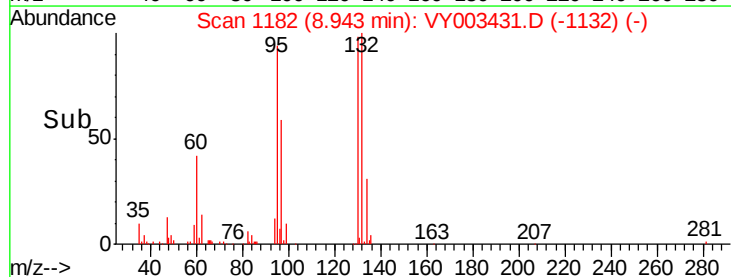
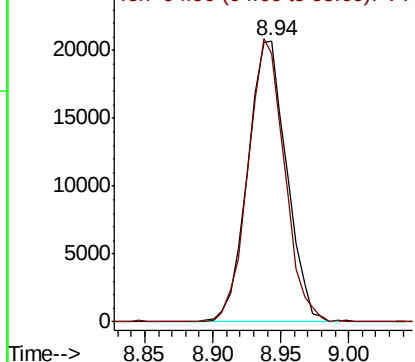


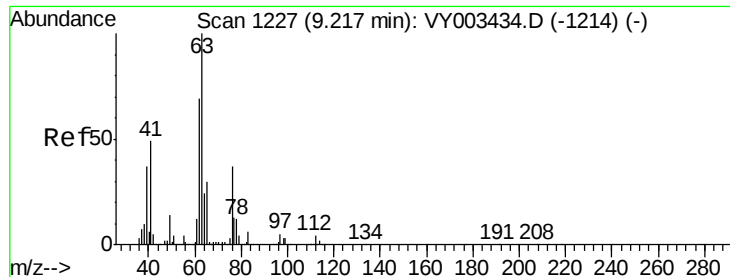
#44
Trichloroethene
Concen: 4.968 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. 0.01 min
Lab File: VY003431.D
Acq: 04 Sep 2020 14:32

Tgt Ion: 130 Resp: 41520
Ion Ratio Lower Upper
130 100
95 95.2 0.0 199.4



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





#45

1,2-Dichloropropane

Concen: 4.829 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VY003431.D

Acq: 04 Sep 2020 14:32

Instrument :

MSVOA_Y

ClientSampleId :

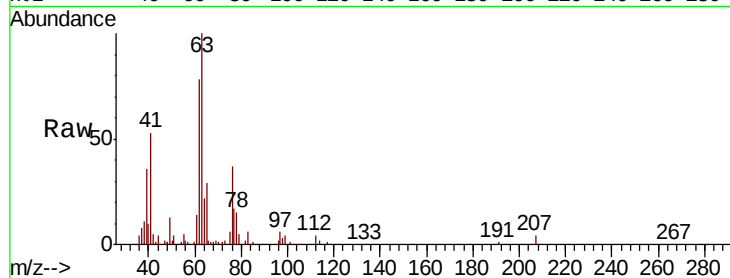
VSTDIC005

Tot Ion: 63 Resp: 38862

Ion Ratio Lower Upper

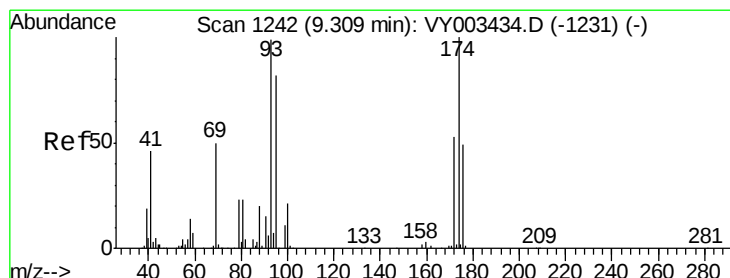
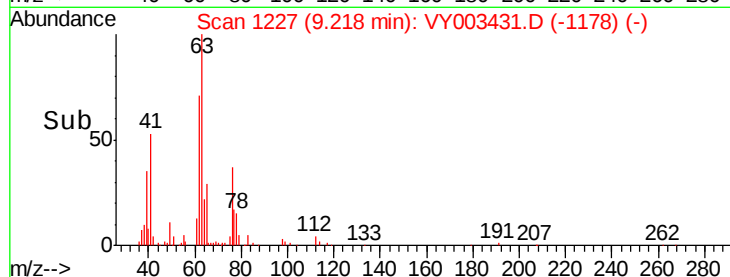
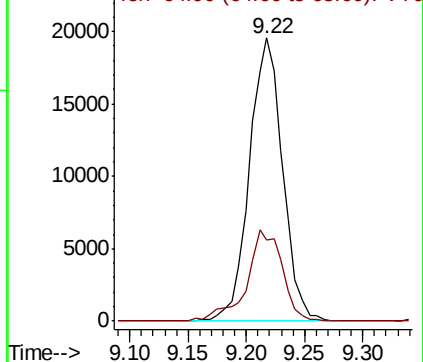
63 100

65 28.8 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 4.885 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VY003431.D

Acq: 04 Sep 2020 14:32

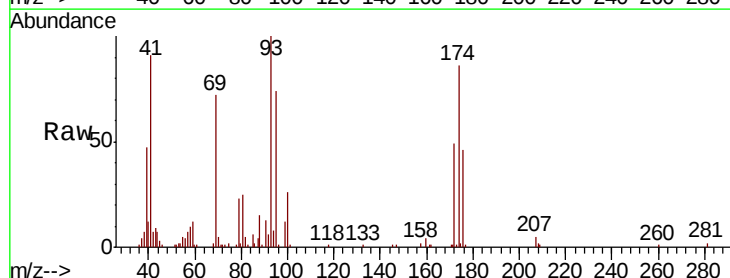
Tgt Ion: 93 Resp: 20599

Ion Ratio Lower Upper

93 100

95 84.9 66.6 99.8

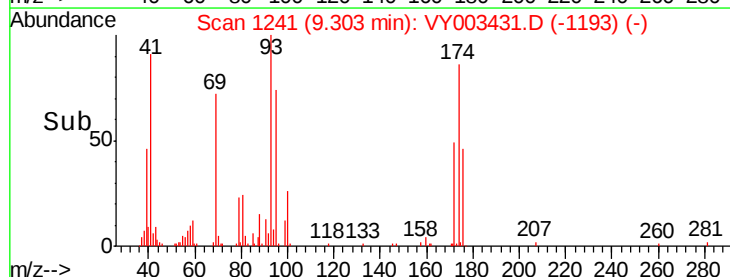
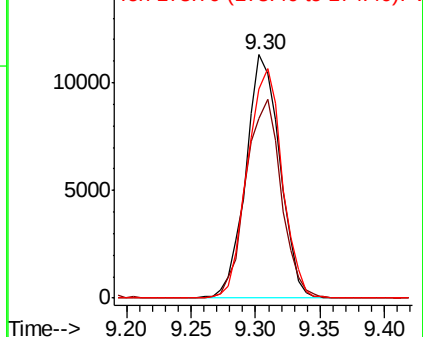
174 96.3 80.4 120.6

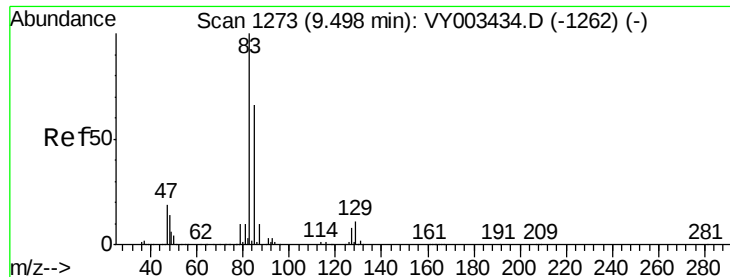


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 4.771 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY003431.D

Acq: 04 Sep 2020 14:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

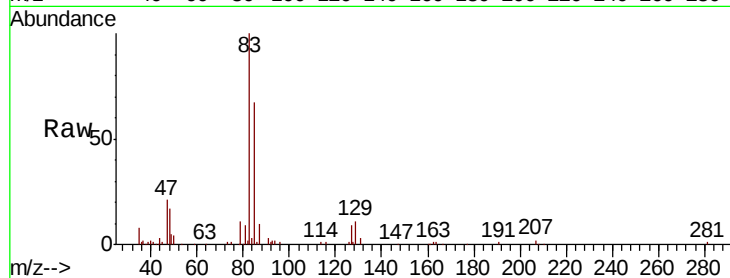
Tot Ion: 83 Resp: 47000

Ion Ratio Lower Upper

83 100

85 67.0 52.6 79.0

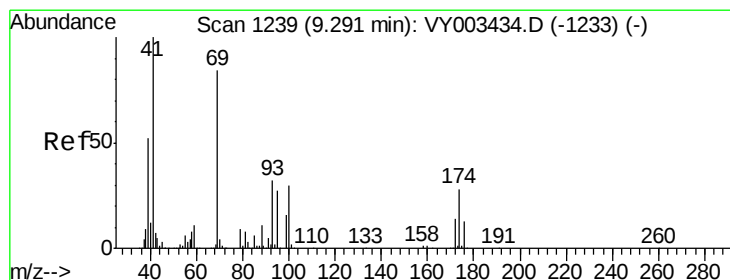
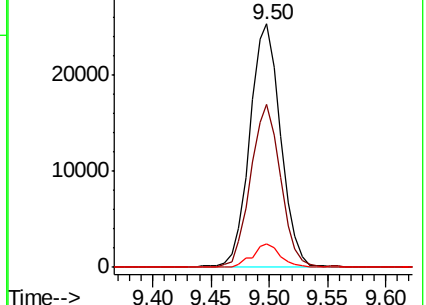
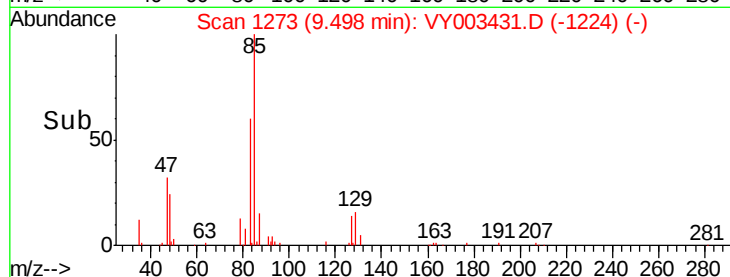
127 9.4 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VY003431.D (-1262) (-)

Ion 84.90 (84.60 to 85.60): VY003431.D (-1262) (-)

Ion 126.80 (126.50 to 127.50): VY003431.D (-1262) (-)



#48

Methyl methacrylate

Concen: 4.382 ug/l

RT: 9.29 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VY003431.D

Acq: 04 Sep 2020 14:32

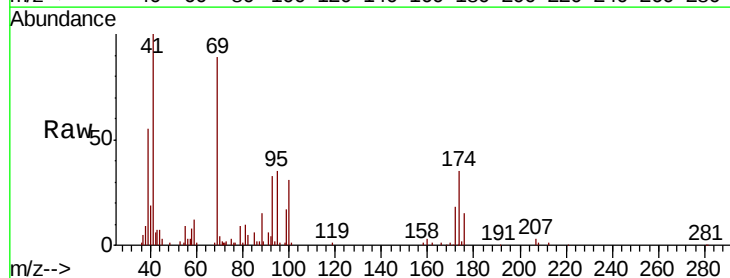
Tgt Ion: 41 Resp: 24447

Ion Ratio Lower Upper

41 100

69 89.5 68.8 103.2

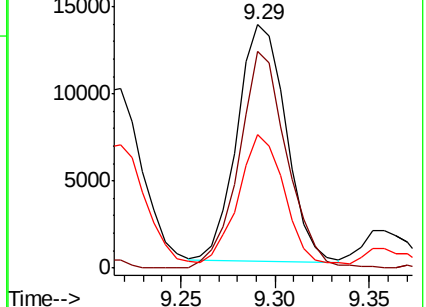
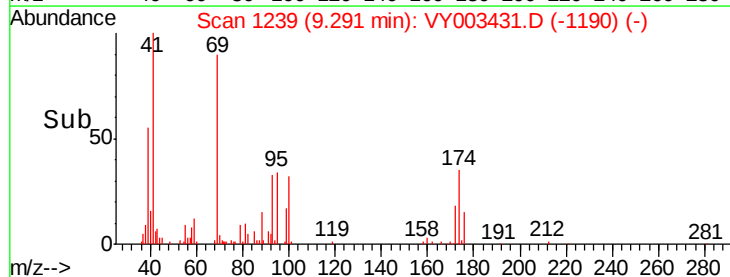
39 51.3 43.0 64.4

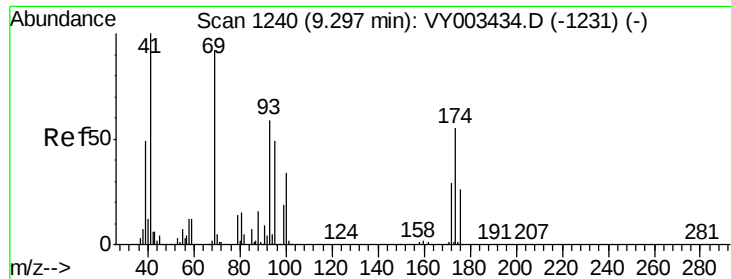


Abundance Ion 41.00 (40.70 to 41.70): VY003431.D (-1233) (-)

Ion 69.00 (68.70 to 69.70): VY003431.D (-1233) (-)

Ion 39.00 (38.70 to 39.70): VY003431.D (-1233) (-)

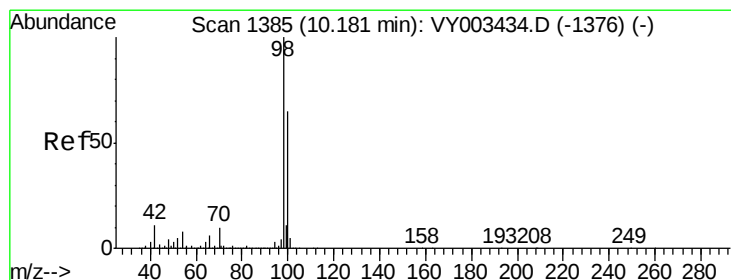
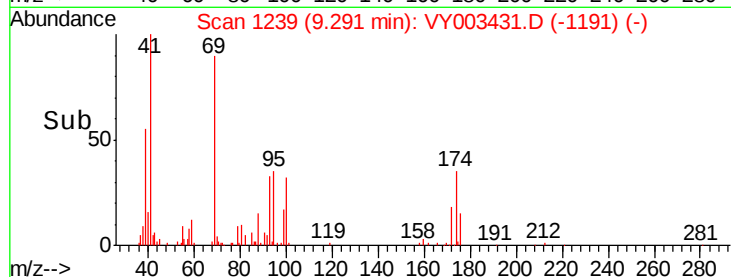
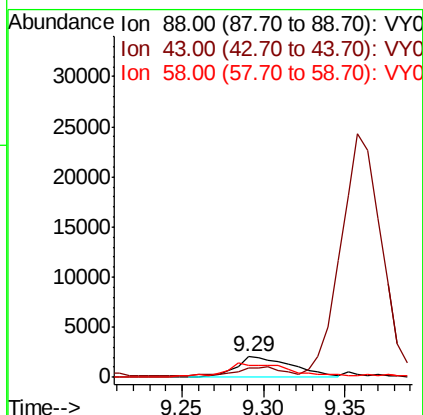
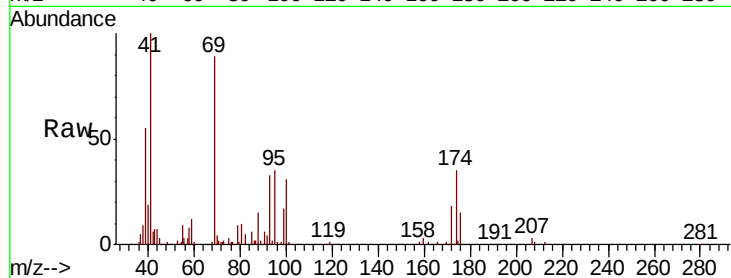




#49
1,4-Dioxane
Concen: 84.744 ug/l
RT: 9.29 min Scan# 1239
Delta R.T. -0.01 min
Lab File: VY003431.D
Acq: 04 Sep 2020 14:32

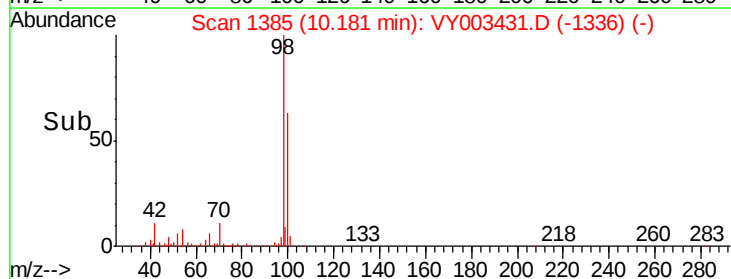
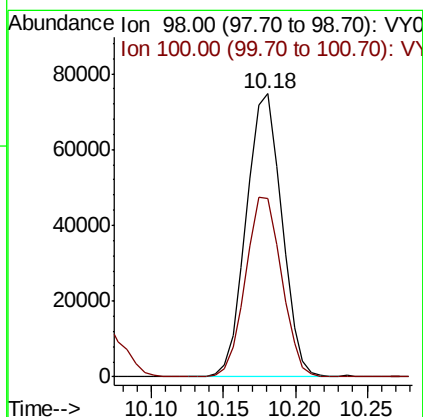
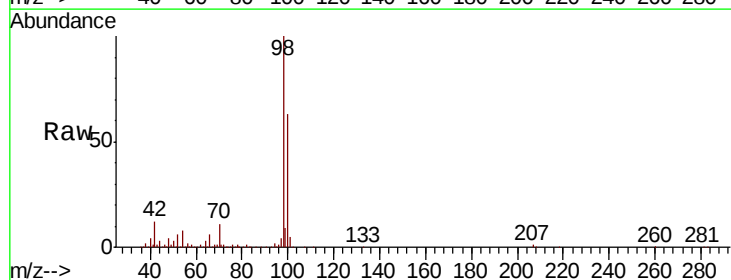
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

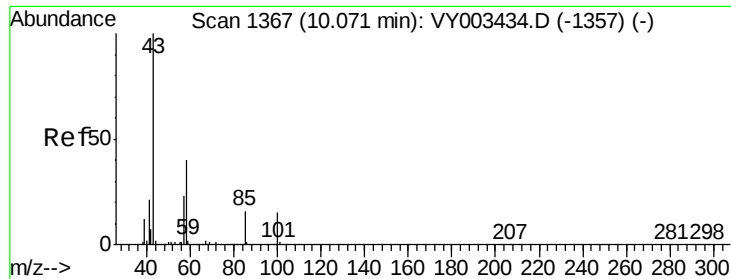
Tot Ion: 88 Resp: 4932
Ion Ratio Lower Upper
88 100
43 49.2 24.7 37.1#
58 78.7 60.2 90.4



#50
Toluene-d8
Concen: 4.920 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003431.D
Acq: 04 Sep 2020 14:32

Tgt Ion: 98 Resp: 128196
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.6

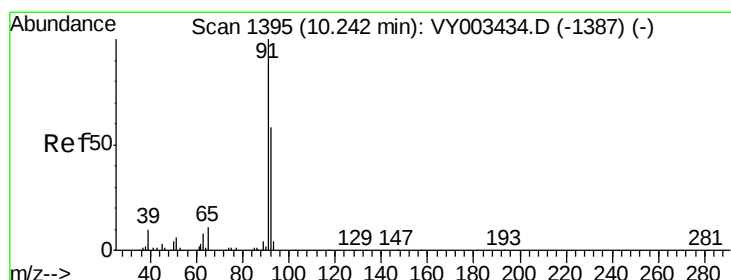
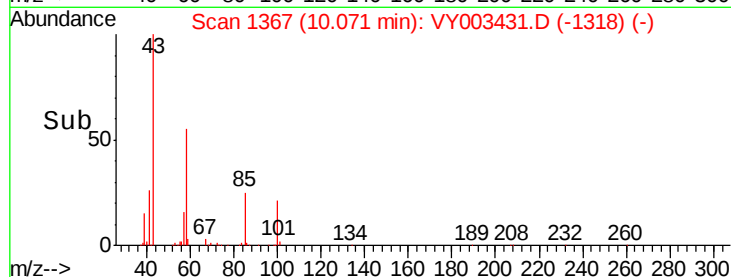
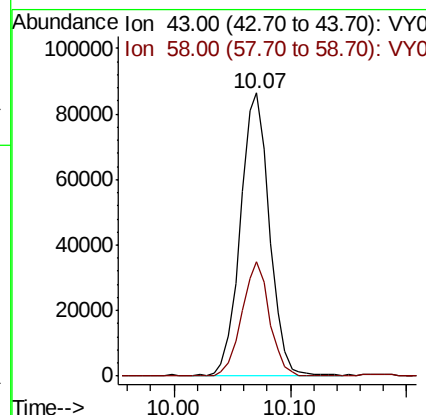
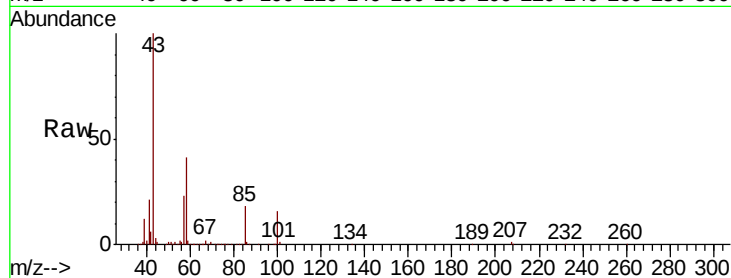




#51
4-Methyl-2-Pentanone
Concen: 22.856 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY003431.D
Acq: 04 Sep 2020 14:32

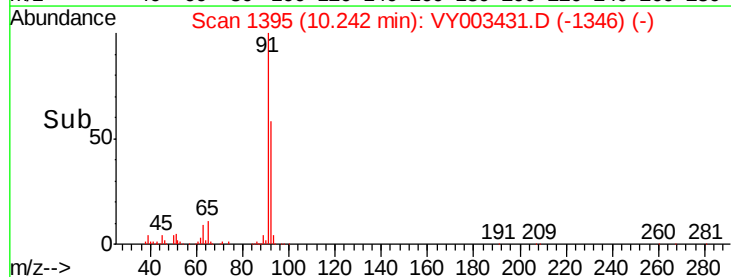
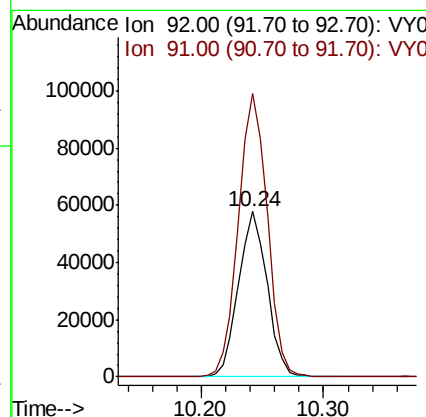
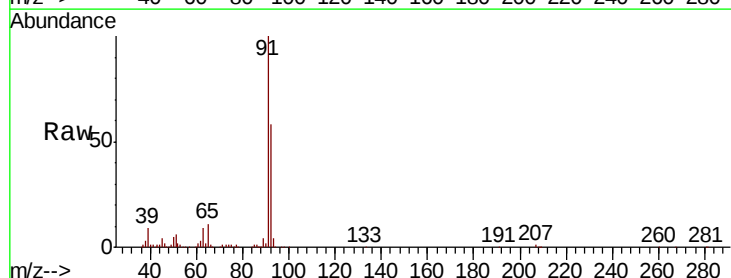
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

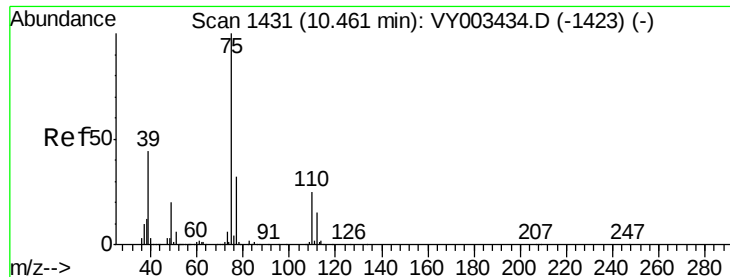
Tot Ion: 43 Resp: 149710
Ion Ratio Lower Upper
43 100
58 38.6 31.3 46.9



#52
Toluene
Concen: 4.945 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY003431.D
Acq: 04 Sep 2020 14:32

Tgt Ion: 92 Resp: 93717
Ion Ratio Lower Upper
92 100
91 173.3 139.9 209.9





#53

t-1,3-Dichloropropene

Concen: 4.692 ug/l

RT: 10.46 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VY003431.D

Acq: 04 Sep 2020 14:32

Instrument :

MSVOA_Y

ClientSampleId :

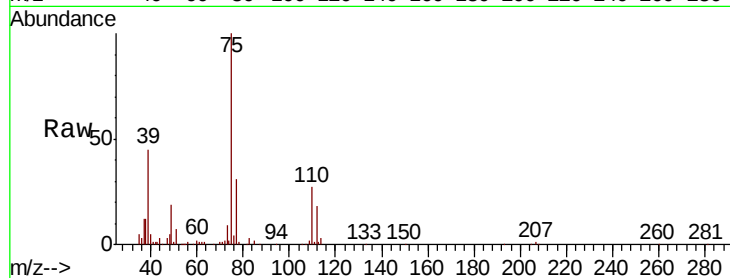
VSTDIC005

Tot Ion: 75 Resp: 49657

Ion Ratio Lower Upper

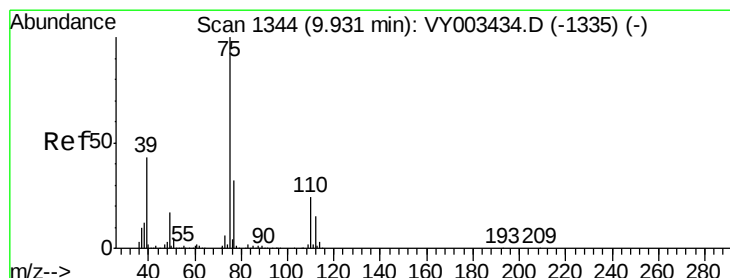
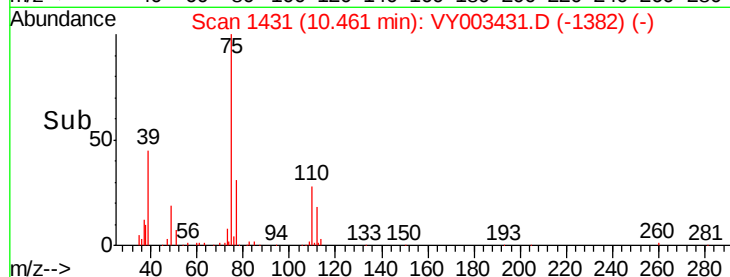
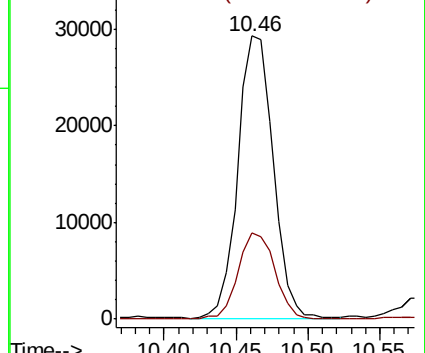
75 100

77 30.8 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 4.812 ug/l

RT: 9.92 min Scan# 1343

Delta R.T. -0.01 min

Lab File: VY003431.D

Acq: 04 Sep 2020 14:32

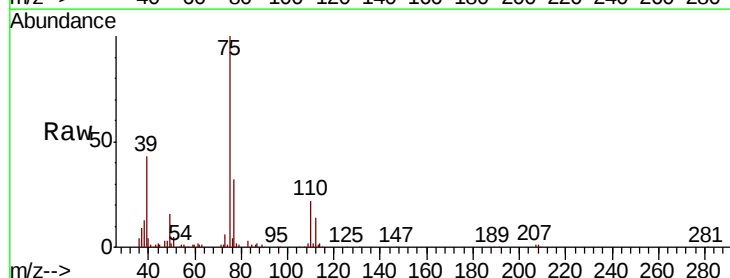
Tgt Ion: 75 Resp: 60188

Ion Ratio Lower Upper

75 100

77 32.3 25.7 38.5

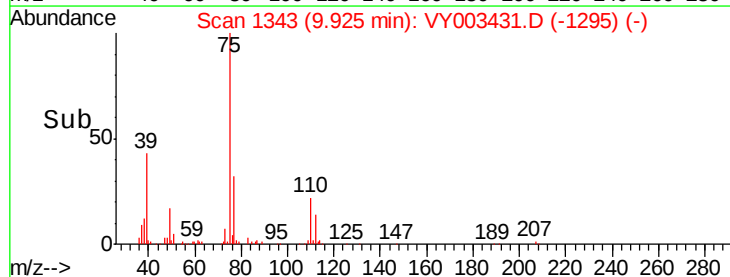
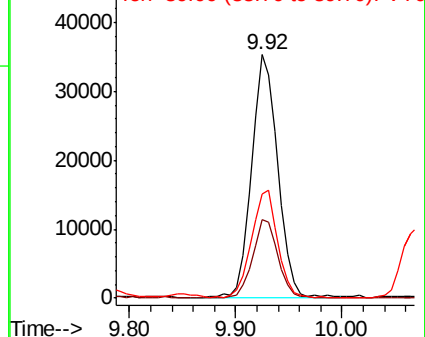
39 43.0 34.6 51.8

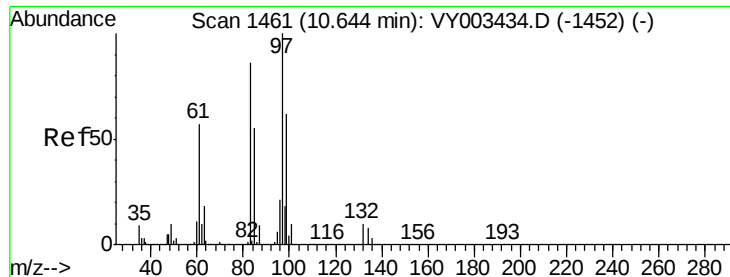


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

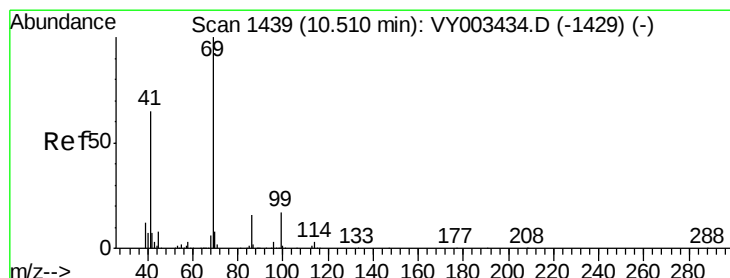
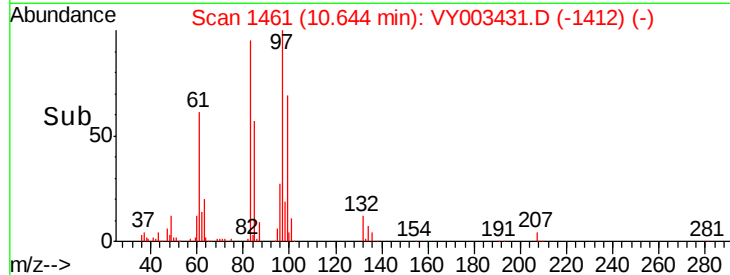
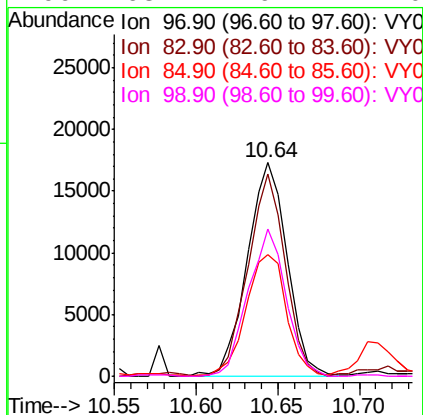
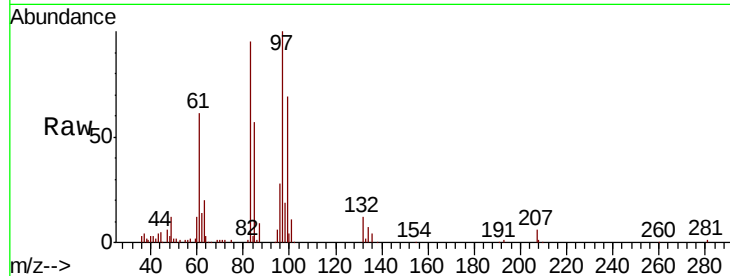




#55
 1,1,2-Trichloroethane
 Concen: 4.816 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY003431.D
 Acq: 04 Sep 2020 14:32

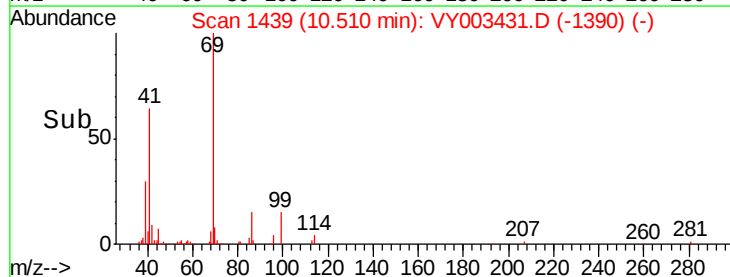
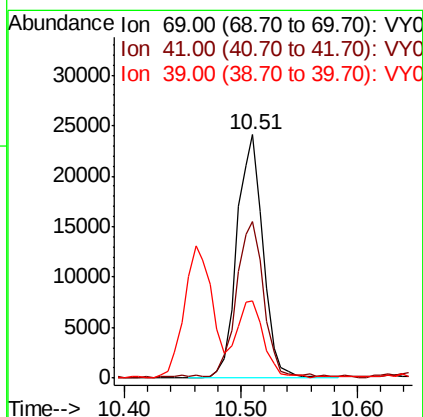
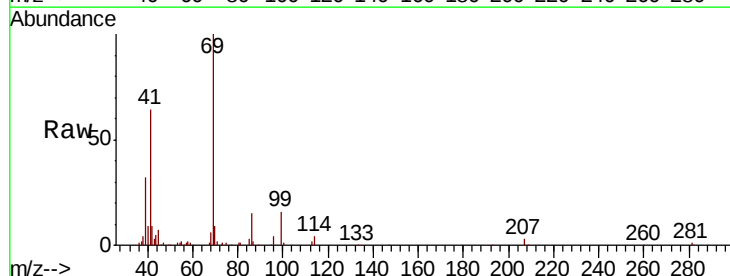
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

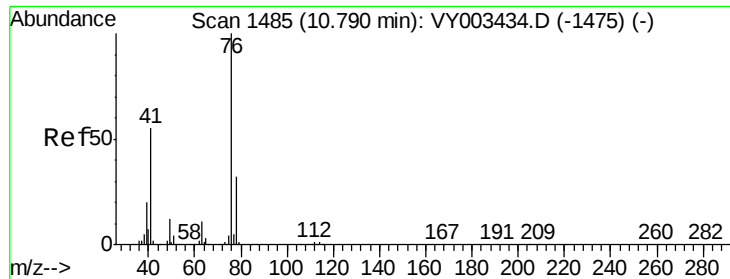
Tot Ion:	97	Resp:	29501
Ion	Ratio	Lower	Upper
97	100		
83	94.5	68.5	102.7
85	56.7	43.9	65.9
99	68.7	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 4.559 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY003431.D
 Acq: 04 Sep 2020 14:32

Tgt Ion:	69	Resp:	37769
Ion	Ratio	Lower	Upper
69	100		
41	66.4	53.2	79.8
39	32.5	25.9	38.9





#57

1,3-Dichloropropane

Concen: 4.736 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY003431.D

Acq: 04 Sep 2020 14:32

Instrument :

MSVOA_Y

ClientSampleId :

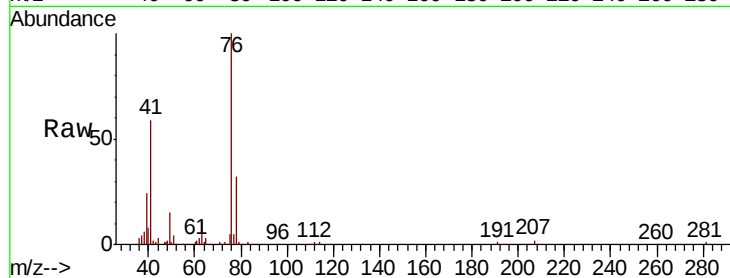
VSTDIC005

Tot Ion: 76 Resp: 50909

Ion Ratio Lower Upper

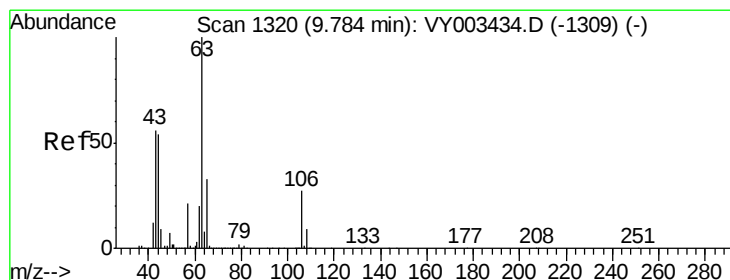
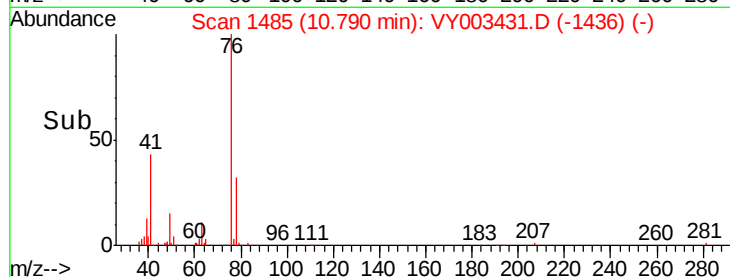
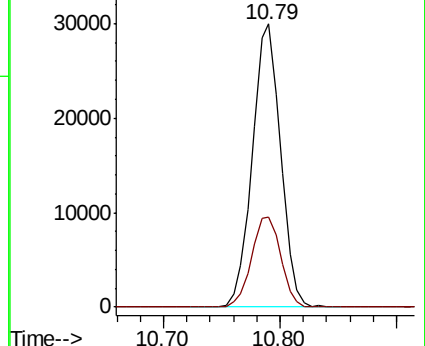
76 100

78 32.9 25.8 38.6



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: 22.774 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY003431.D

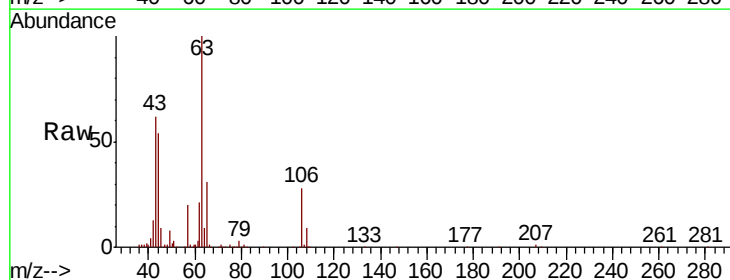
Acq: 04 Sep 2020 14:32

Tgt Ion: 63 Resp: 101879

Ion Ratio Lower Upper

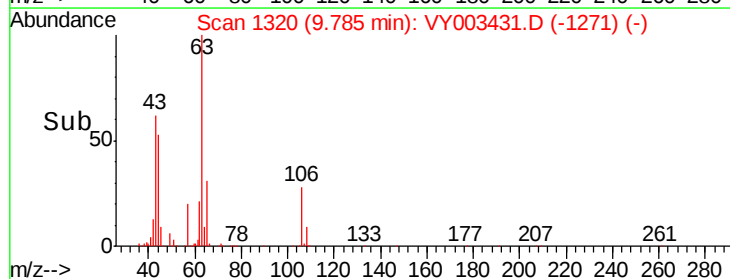
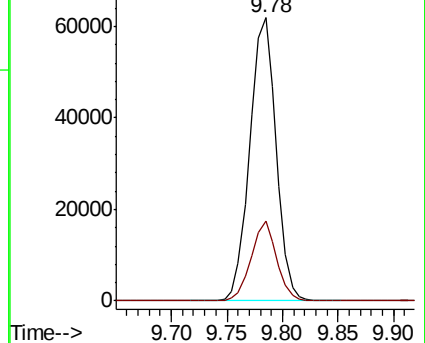
63 100

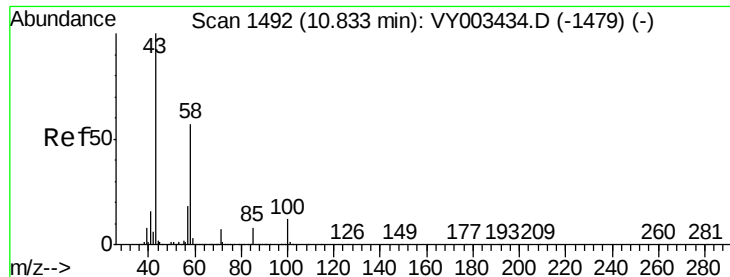
106 27.1 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

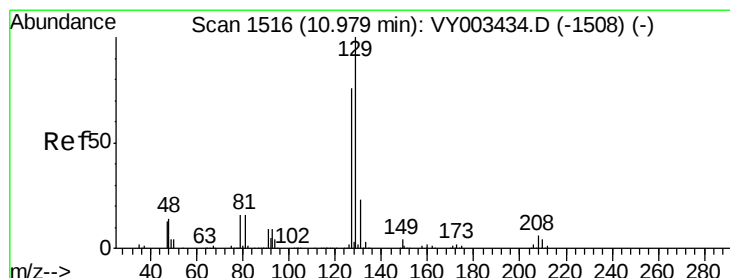
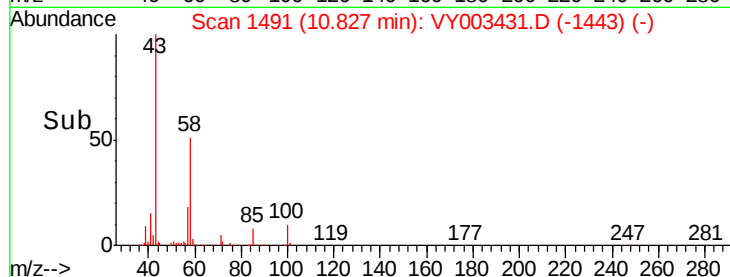
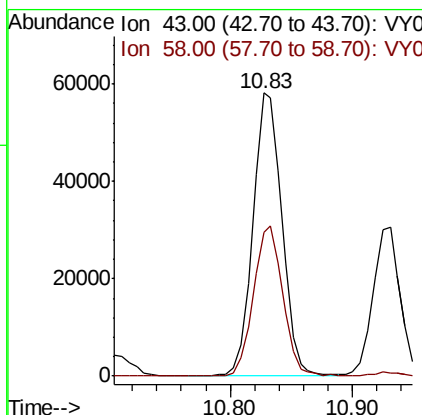
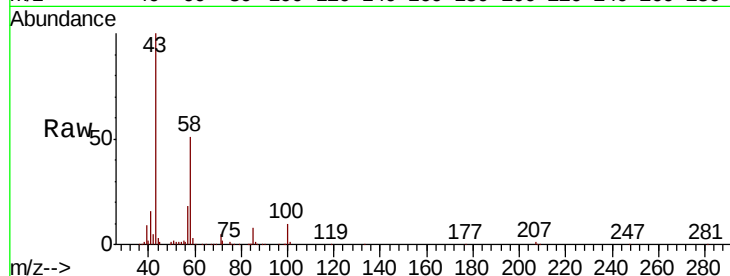




#59
2-Hexanone
Concen: 21.621 ug/l
RT: 10.83 min Scan# 1491
Delta R.T. -0.01 min
Lab File: VY003431.D
Acq: 04 Sep 2020 14:32

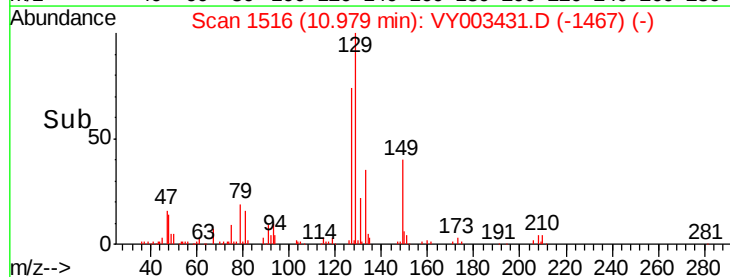
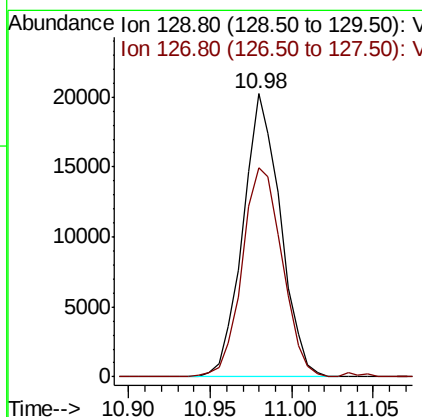
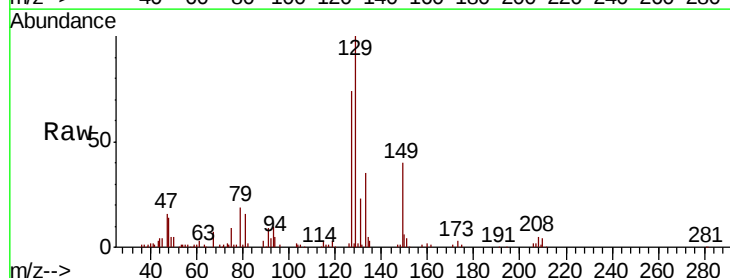
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

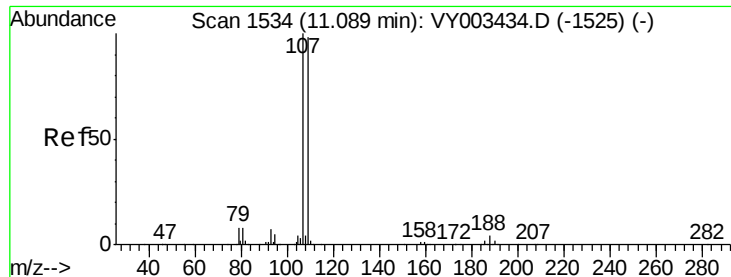
Tot Ion: 43 Resp: 96485
Ion Ratio Lower Upper
43 100
58 53.7 27.8 83.3



#60
Dibromochloromethane
Concen: 4.688 ug/l
RT: 10.98 min Scan# 1516
Delta R.T. 0.00 min
Lab File: VY003431.D
Acq: 04 Sep 2020 14:32

Tgt Ion: 129 Resp: 32448
Ion Ratio Lower Upper
129 100
127 78.8 38.5 115.5





#61

1,2-Dibromoethane

Concen: 4.802 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VY003431.D

Acq: 04 Sep 2020 14:32

Instrument :

MSVOA_Y

ClientSampleId :

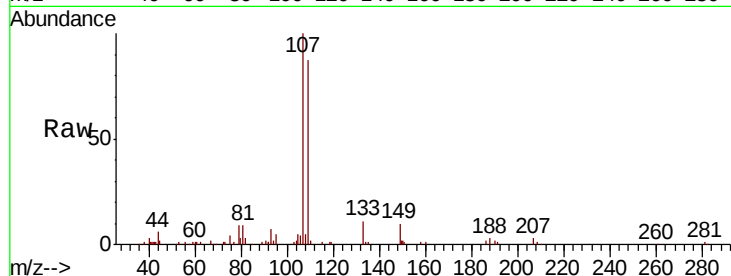
VSTDIC005

Tot Ion: 107 Resp: 27570

Ion Ratio Lower Upper

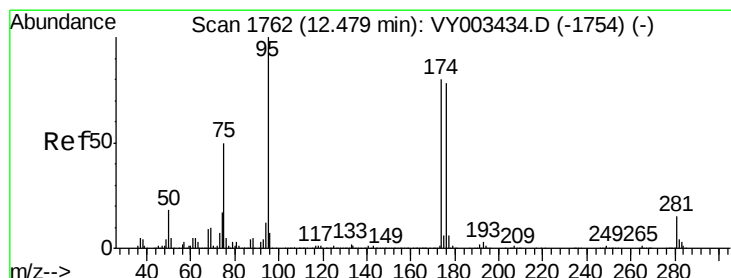
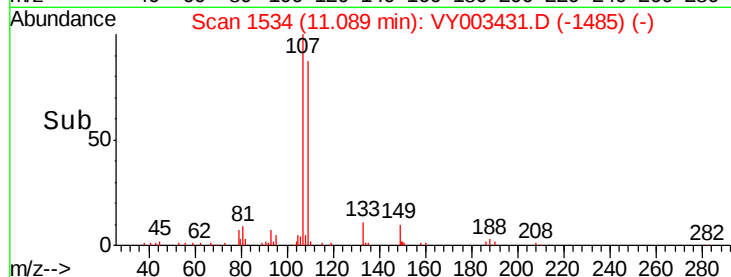
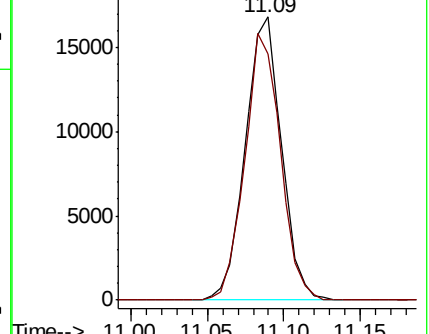
107 100

109 92.7 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 4.952 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003431.D

Acq: 04 Sep 2020 14:32

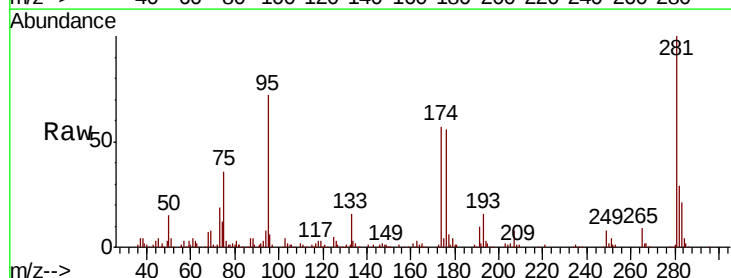
Tgt Ion: 95 Resp: 43540

Ion Ratio Lower Upper

95 100

174 82.6 0.0 161.6

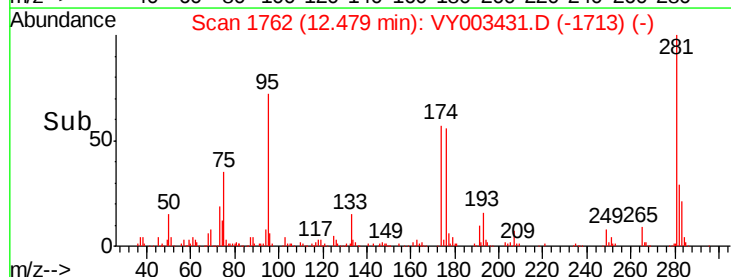
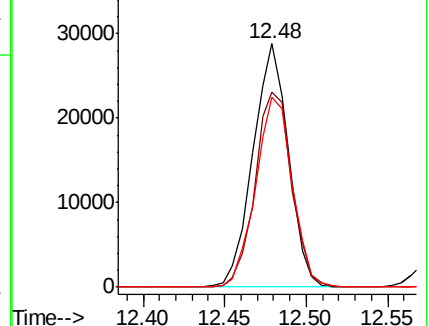
176 80.9 0.0 157.6

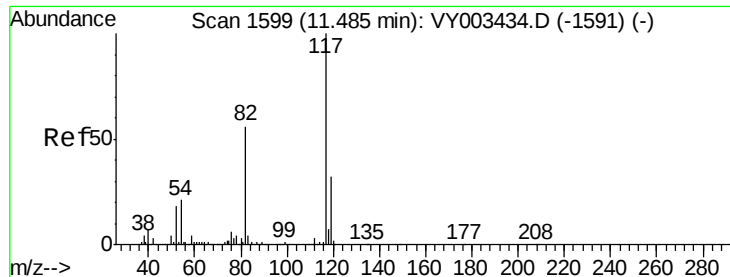


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VY003431.D

Acq: 04 Sep 2020 14:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

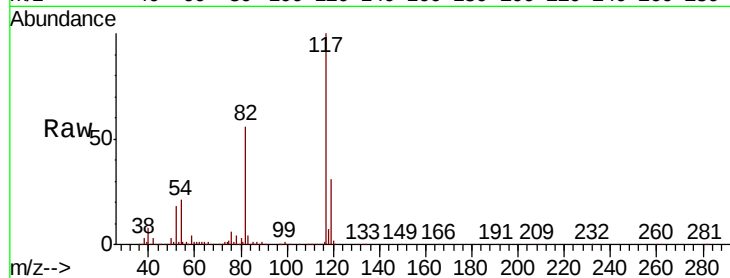
Tot Ion:117 Resp: 964470

Ion Ratio Lower Upper

117 100

82 55.6 44.8 67.2

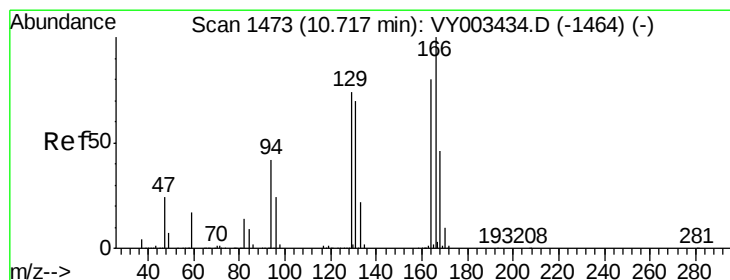
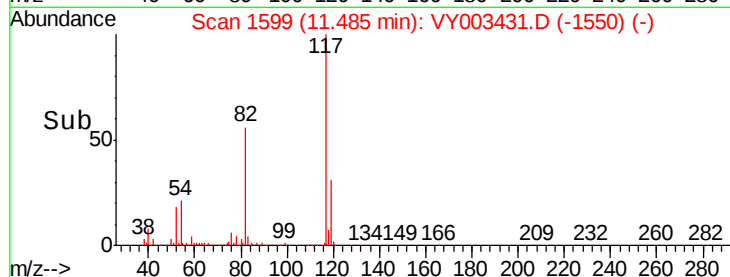
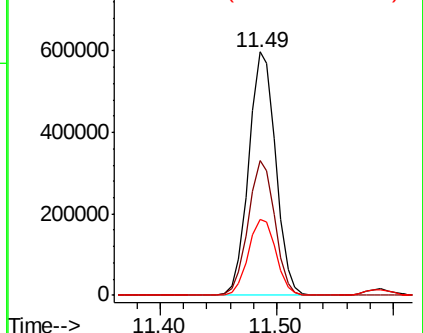
119 31.4 25.9 38.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 4.969 ug/l

RT: 10.72 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VY003431.D

Acq: 04 Sep 2020 14:32

Tgt Ion:164 Resp: 40509

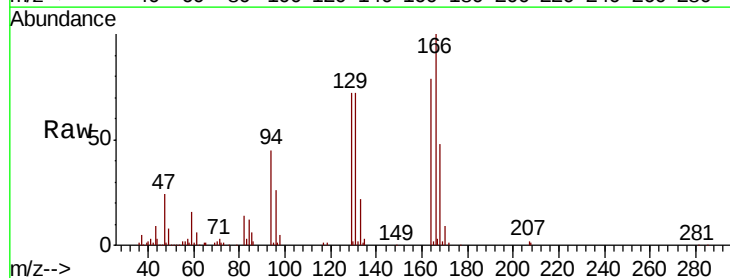
Ion Ratio Lower Upper

164 100

166 127.2 99.4 149.2

129 91.9 73.8 110.8

131 91.0 69.3 103.9

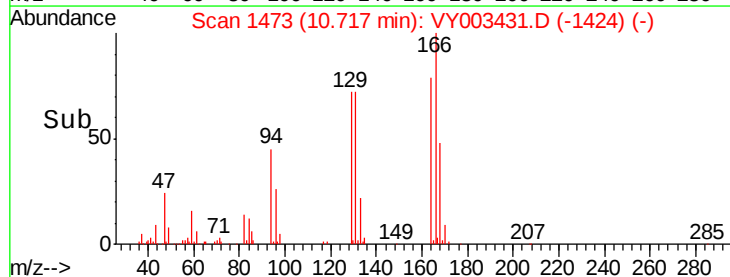
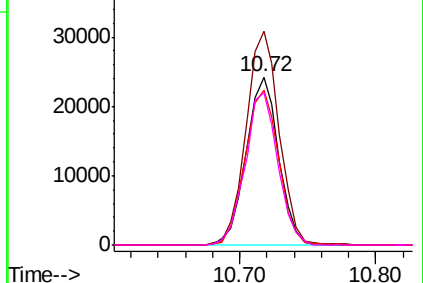


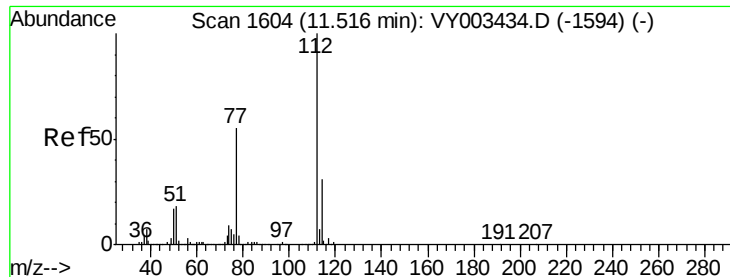
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

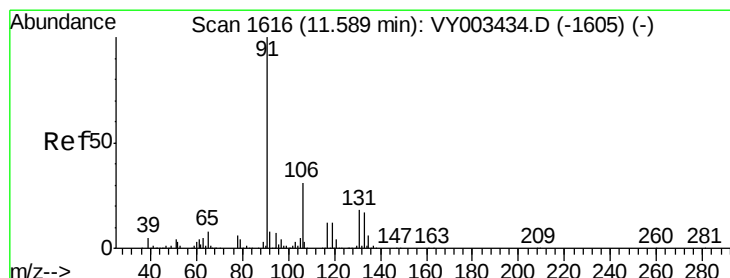
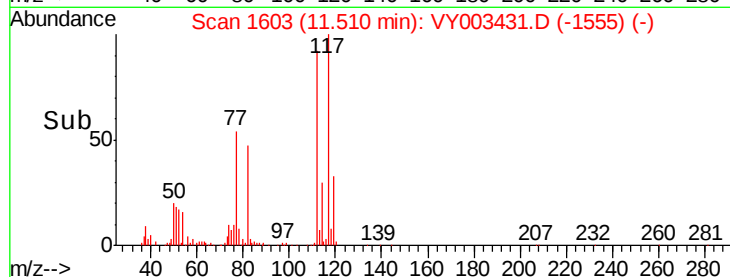
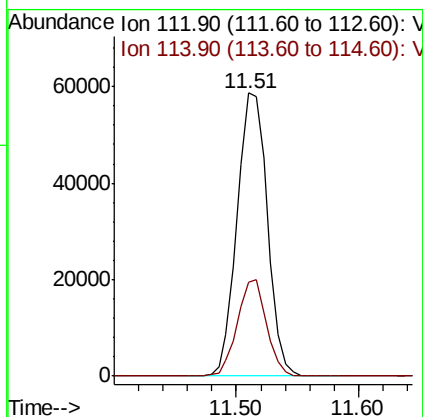
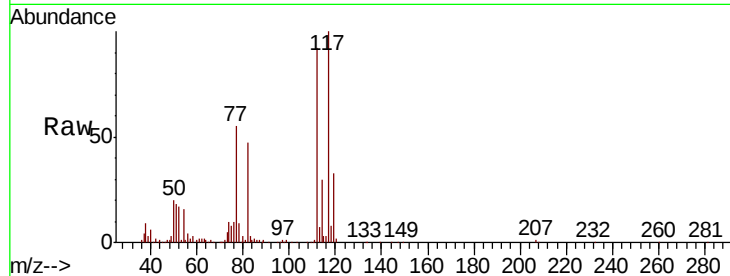




#65
Chlorobenzene
Concen: 4.975 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VY003431.D
Acq: 04 Sep 2020 14:32

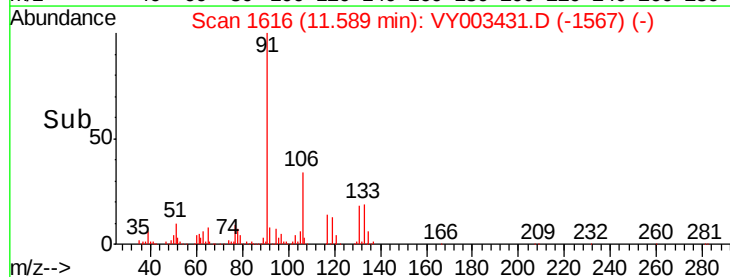
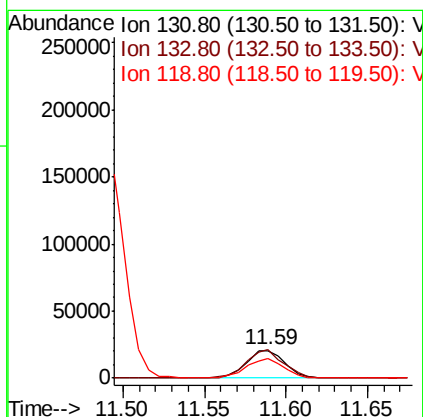
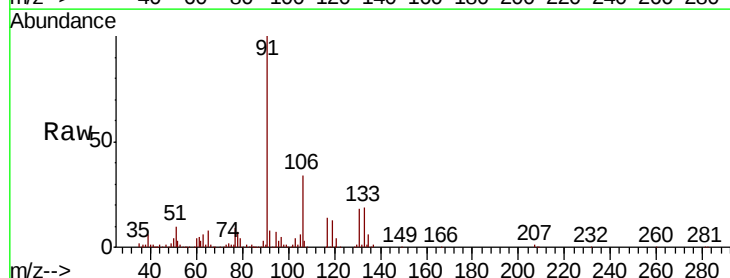
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

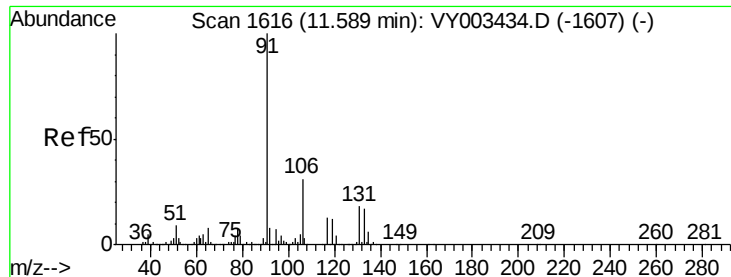
Tot Ion:112 Resp: 100757
Ion Ratio Lower Upper
112 100
114 33.2 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 4.851 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003431.D
Acq: 04 Sep 2020 14:32

Tgt Ion:131 Resp: 34180
Ion Ratio Lower Upper
131 100
133 95.9 48.1 144.3
119 69.0 34.3 102.9

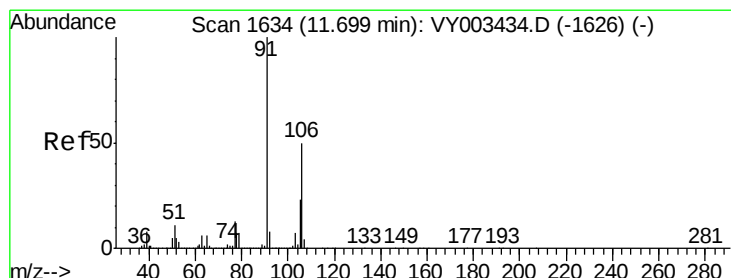
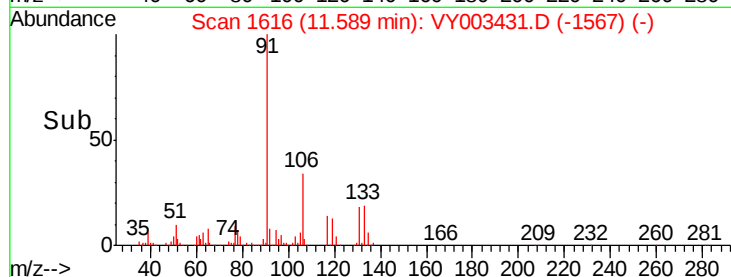
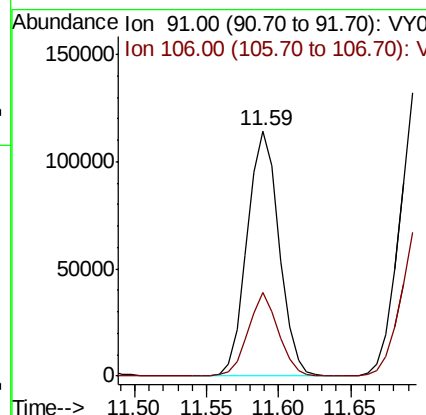
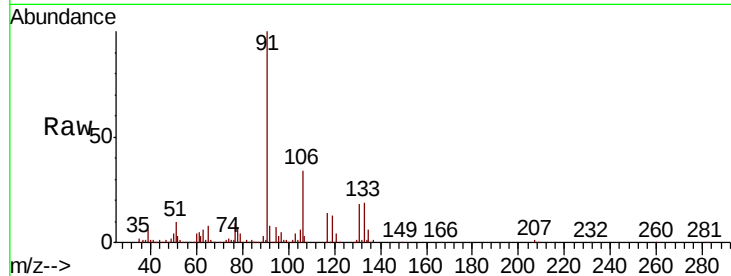




#67
Ethyl Benzene
Concen: 4.847 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003431.D
Acq: 04 Sep 2020 14:32

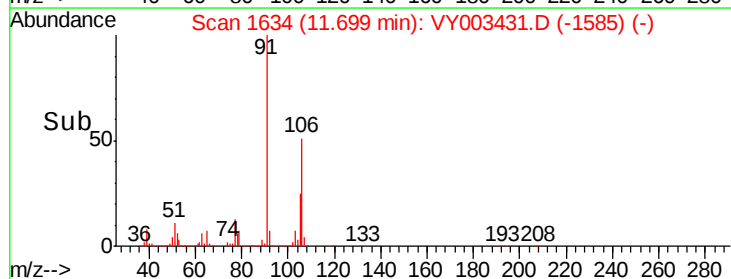
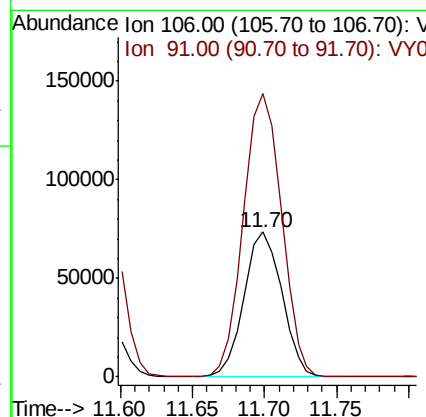
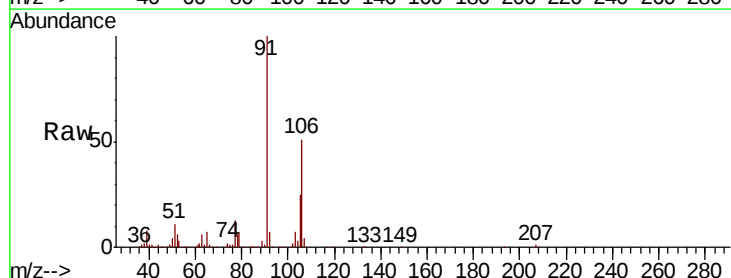
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

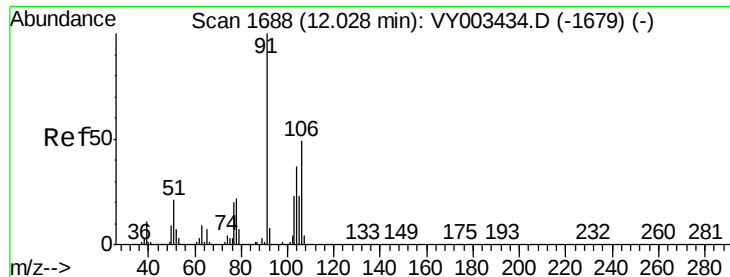
Tot Ion: 91 Resp: 175553
Ion Ratio Lower Upper
91 100
106 34.2 24.6 36.8



#68
m/p-Xylenes
Concen: 9.797 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY003431.D
Acq: 04 Sep 2020 14:32

Tgt Ion: 106 Resp: 133889
Ion Ratio Lower Upper
106 100
91 198.7 159.5 239.3

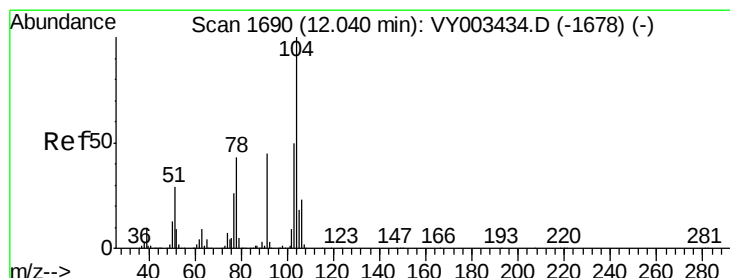
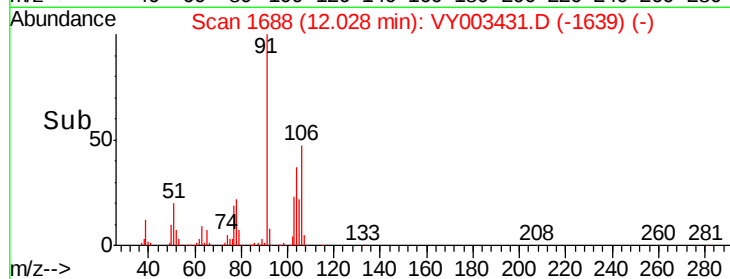
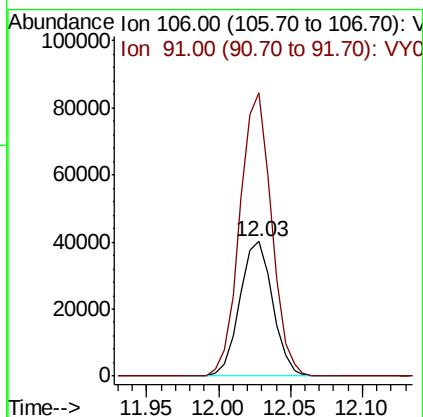
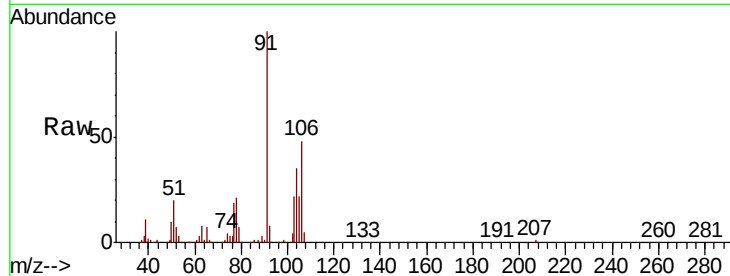




#69
o-Xylene
Concen: 4.928 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003431.D
Acq: 04 Sep 2020 14:32

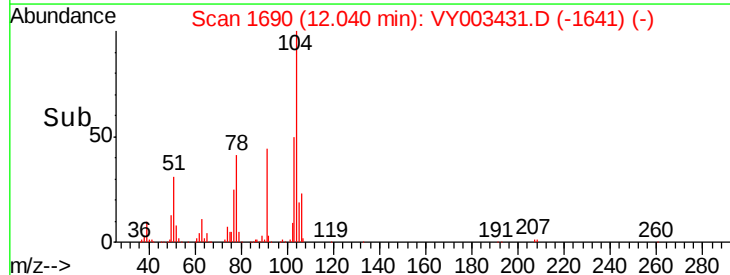
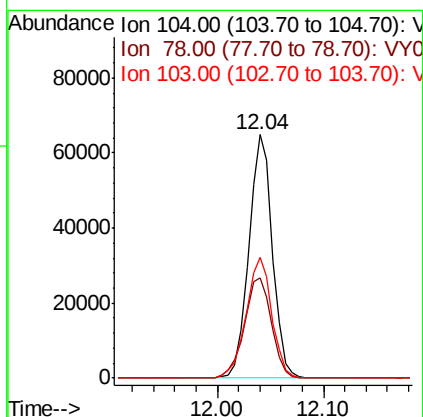
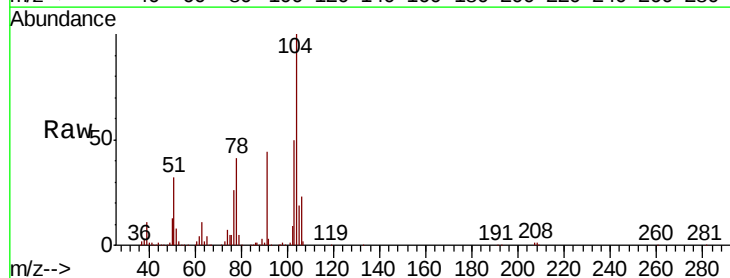
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

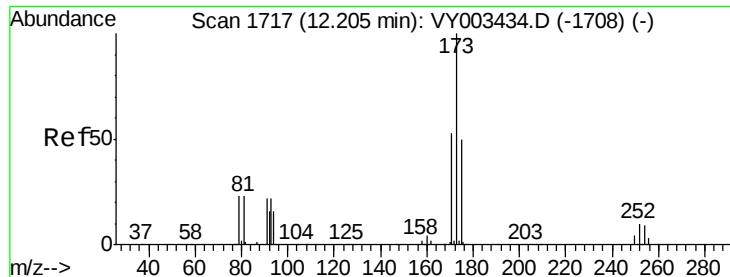
Tot Ion:106 Resp: 63535
Ion Ratio Lower Upper
106 100
91 203.0 104.7 313.9



#70
Styrene
Concen: 4.732 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY003431.D
Acq: 04 Sep 2020 14:32

Tgt Ion:104 Resp: 100742
Ion Ratio Lower Upper
104 100
78 47.3 38.1 57.1
103 53.9 43.8 65.6

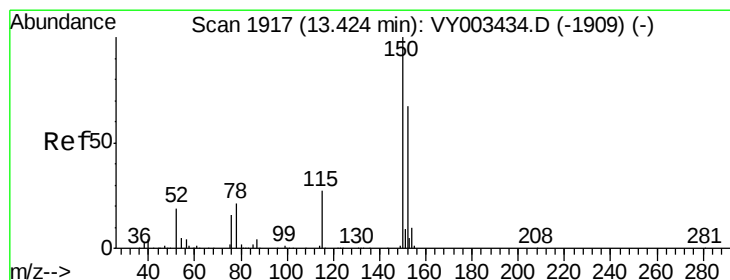
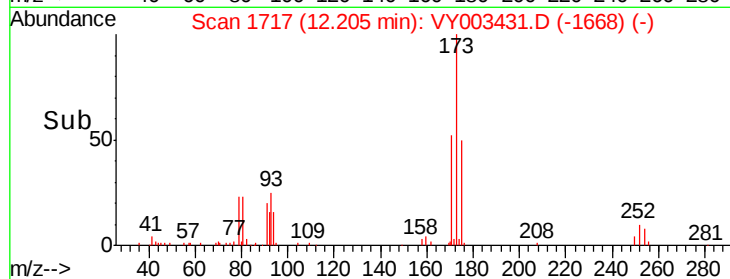
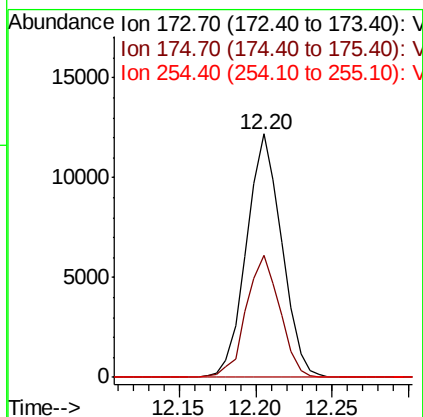
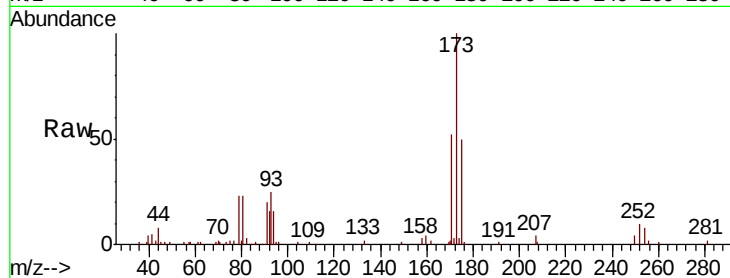




#71
Bromoform
Concen: 4.647 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY003431.D
Acq: 04 Sep 2020 14:32

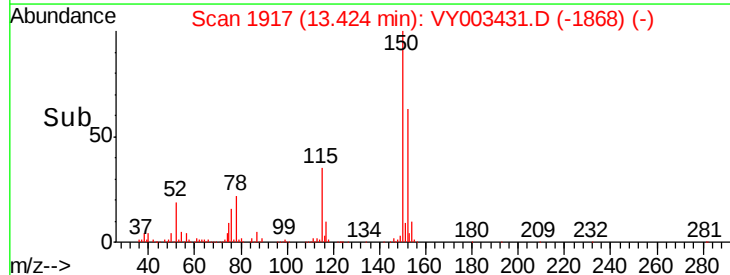
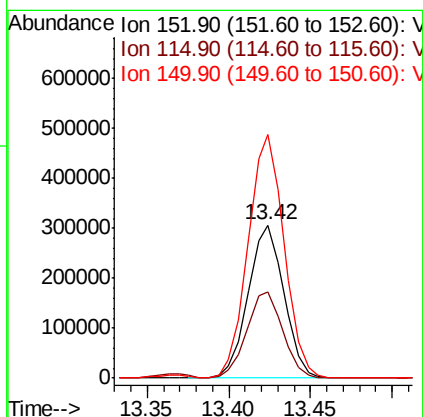
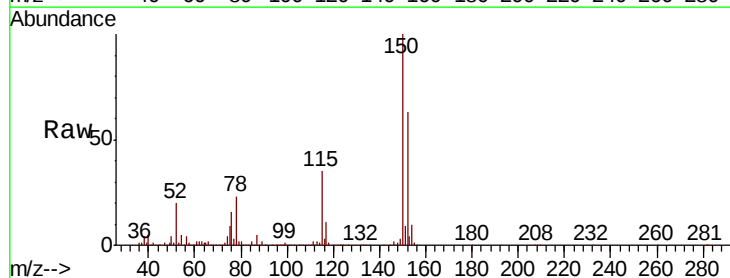
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

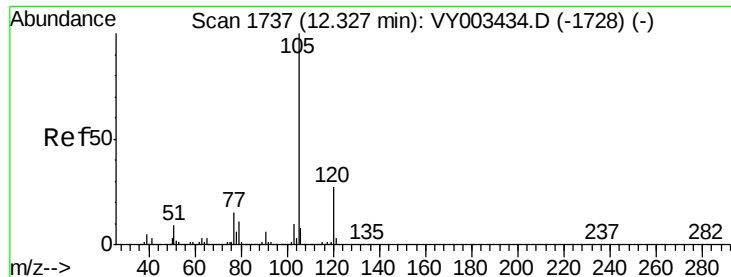
Tot Ion	Ratio	Lower	Upper
173	100		
175	47.7	24.3	73.0
254	0.0	0.1	0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003431.D
Acq: 04 Sep 2020 14:32

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.0	28.9	86.8
150	160.7	0.0	350.0





#73

Isopropylbenzene

Concen: 4.847 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY003431.D

Acq: 04 Sep 2020 14:32

Instrument :

MSVOA_Y

ClientSampleId :

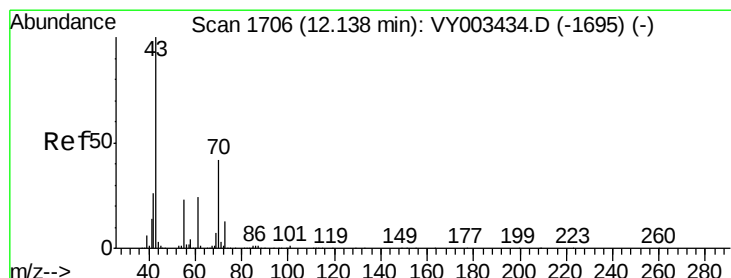
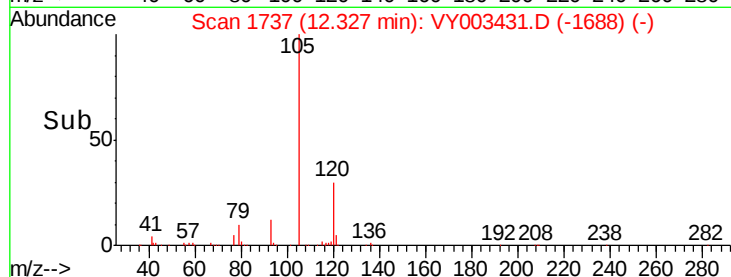
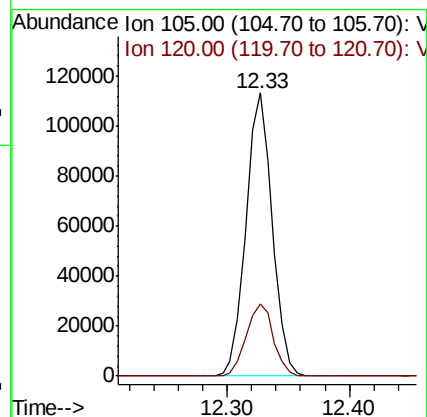
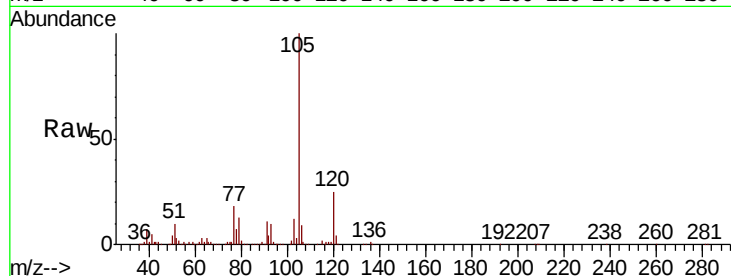
VSTDIC005

Tot Ion: 105 Resp: 167733

Ion Ratio Lower Upper

105 100

120 26.4 13.5 40.4



#74

N-ethyl acetate

Concen: 4.414 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VY003431.D

Acq: 04 Sep 2020 14:32

Tgt Ion: 43 Resp: 47109

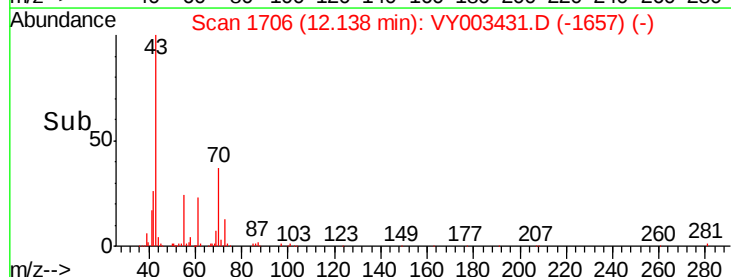
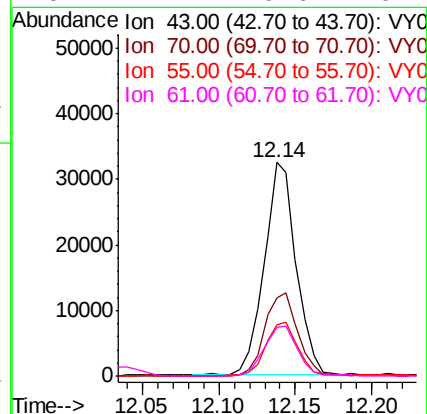
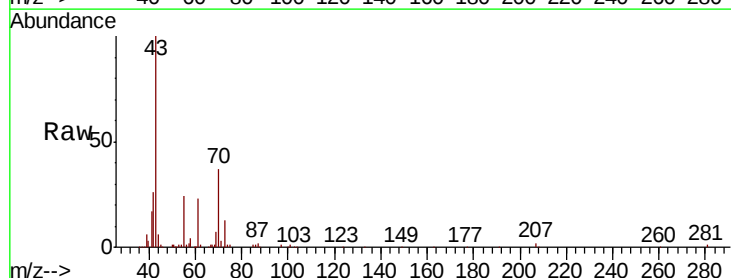
Ion Ratio Lower Upper

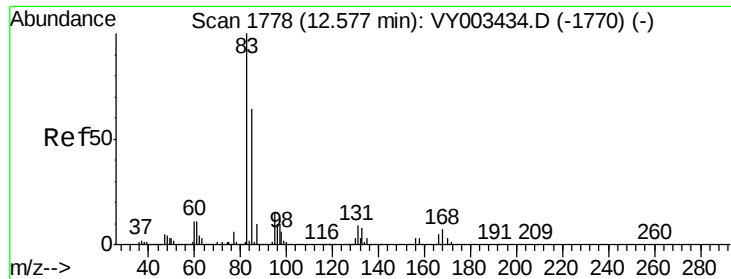
43 100

70 40.8 33.7 50.5

55 25.8 18.4 27.6

61 24.7 19.6 29.4

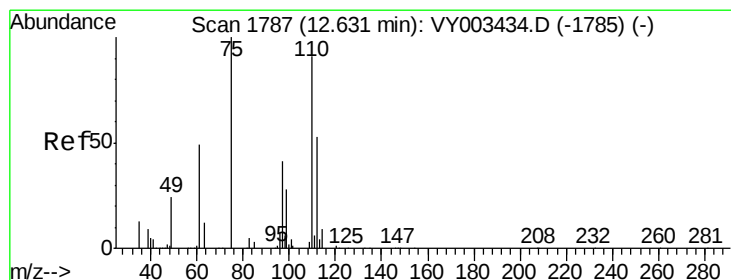
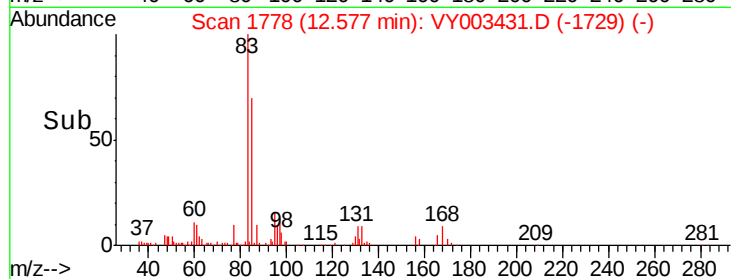
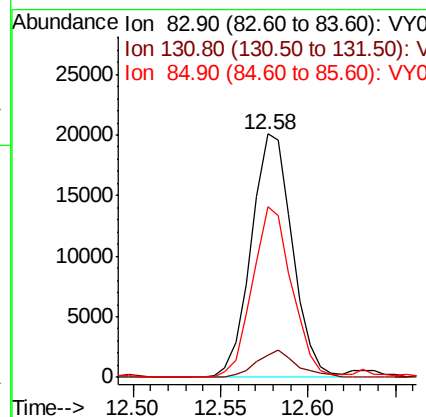
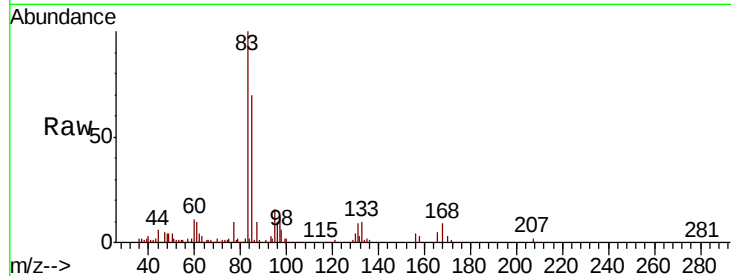




#75
 1,1,2,2-Tetrachloroethane
 Concen: 4.673 ug/l
 RT: 12.58 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VY003431.D
 Acq: 04 Sep 2020 14:32

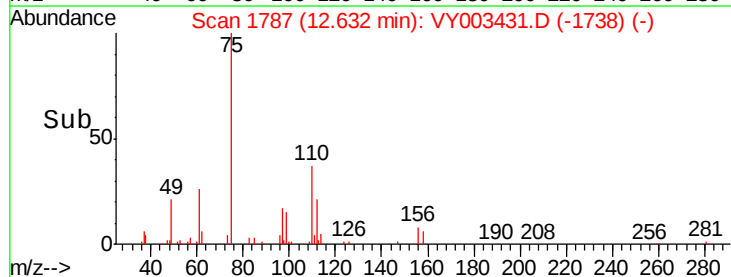
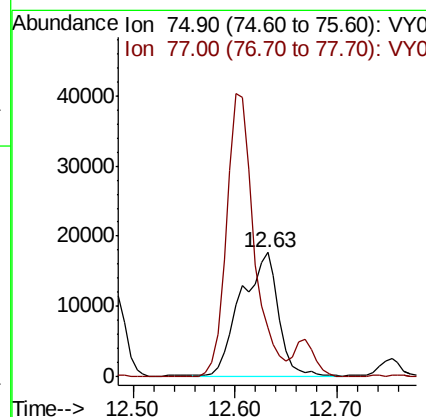
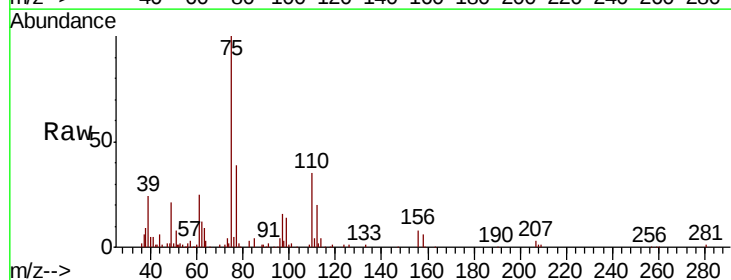
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

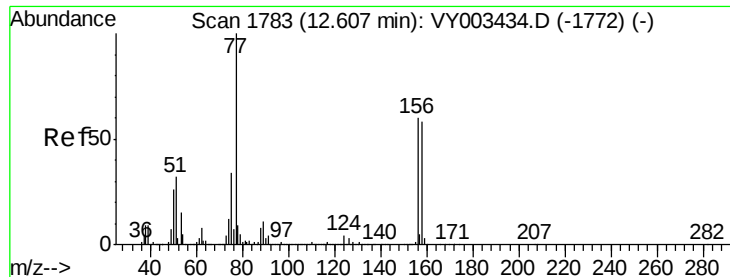
Tot Ion	83	Resp	32867
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.0	15.0
85	67.3	32.1	96.3



#76
 1,2,3-Trichloropropane
 Concen: 8.810 ug/l
 RT: 12.63 min Scan# 1787
 Delta R.T. 0.00 min
 Lab File: VY003431.D
 Acq: 04 Sep 2020 14:32

Tgt Ion	75	Resp	45078
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0

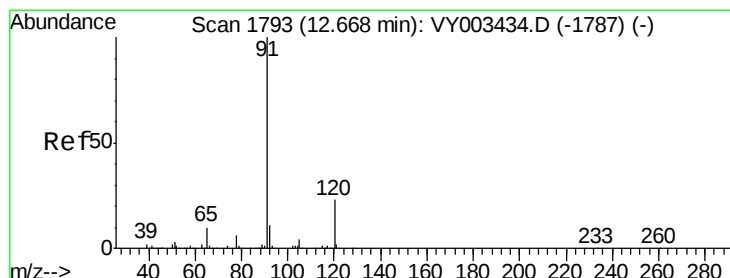
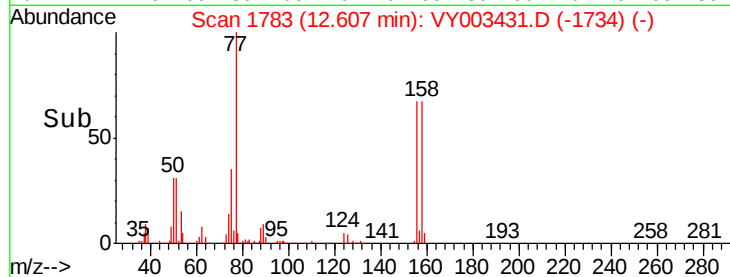
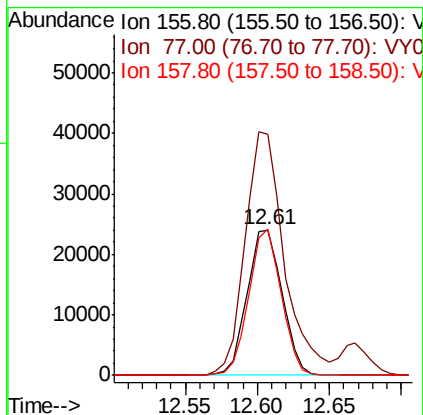
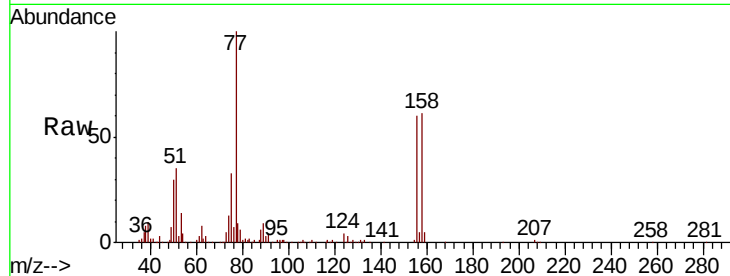




#77
Bromobenzene
Concen: 4.959 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VY003431.D
Acq: 04 Sep 2020 14:32

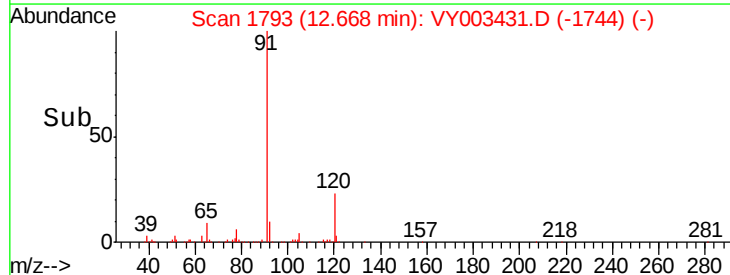
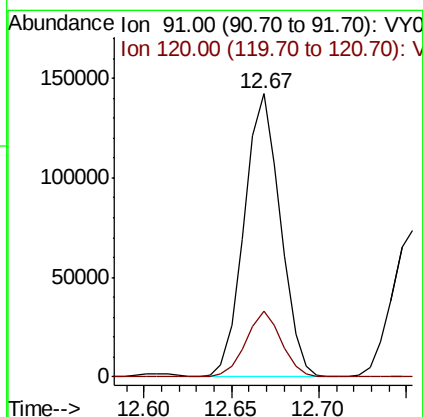
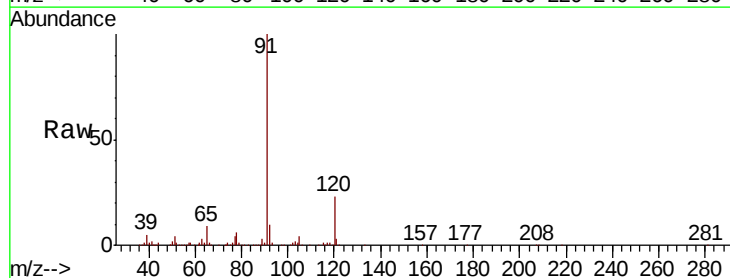
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

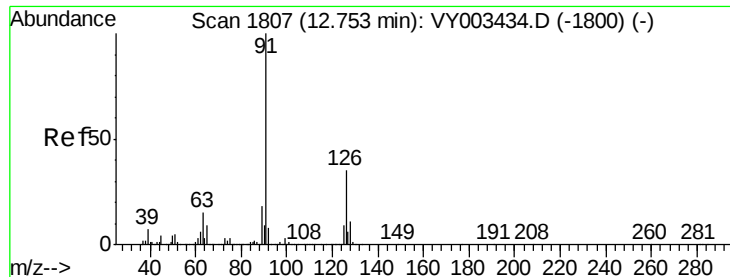
Tot Ion:156 Resp: 40326
Ion Ratio Lower Upper
156 100
77 187.6 96.7 290.1
158 93.0 48.8 146.3



#78
n-propylbenzene
Concen: 4.845 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VY003431.D
Acq: 04 Sep 2020 14:32

Tgt Ion: 91 Resp: 204650
Ion Ratio Lower Upper
91 100
120 22.6 11.4 34.2

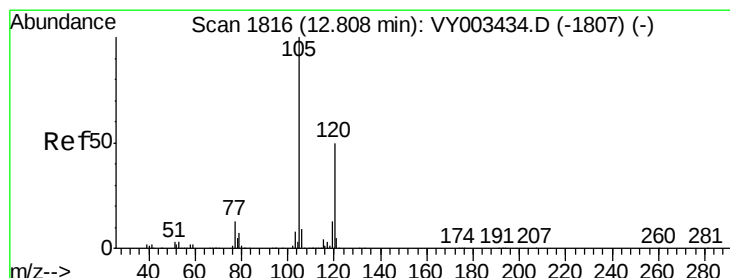
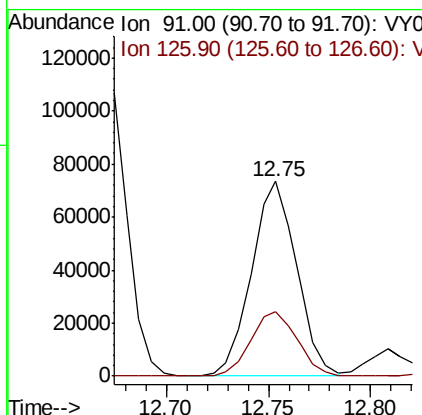
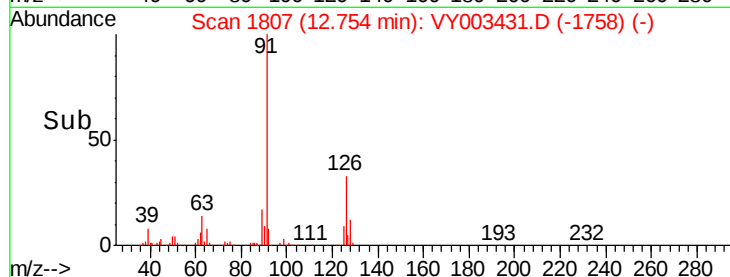
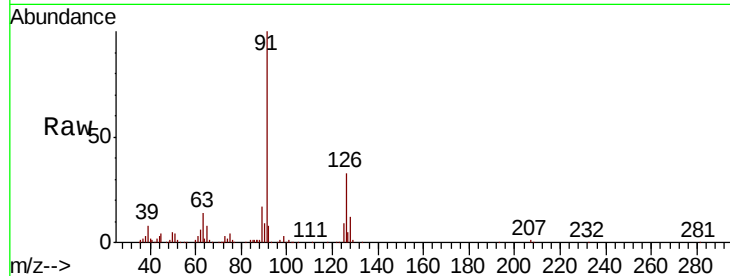




#79
 2-Chlorotoluene
 Concen: 4.851 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY003431.D
 Acq: 04 Sep 2020 14:32

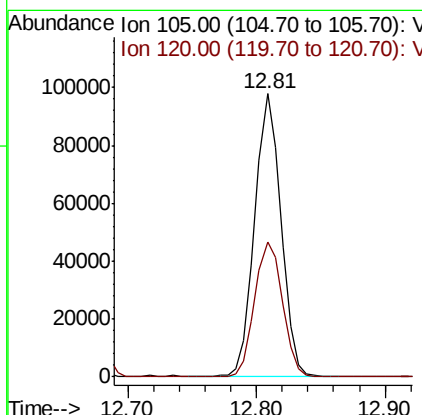
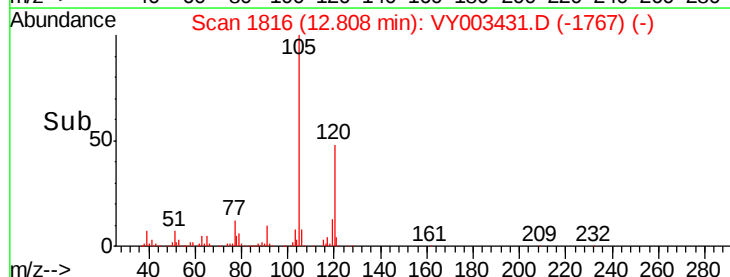
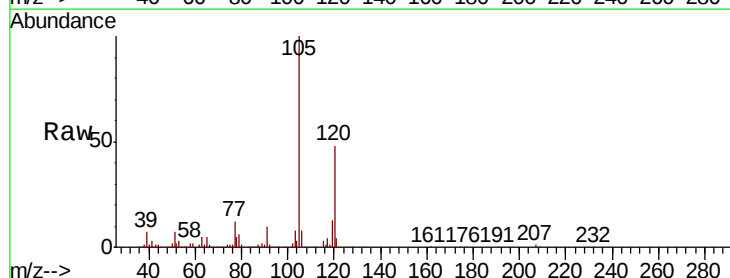
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

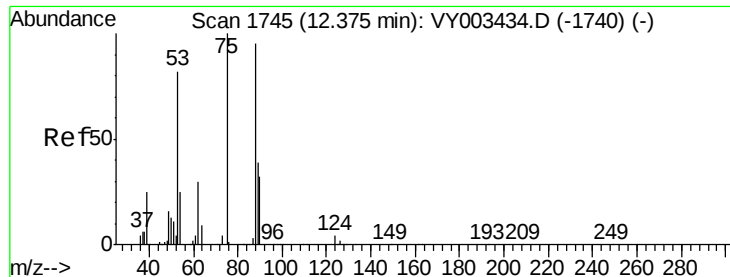
Tot Ion: 91 Resp: 112648
 Ion Ratio Lower Upper
 91 100
 126 34.1 17.2 51.5



#80
 1,3,5-Trimethylbenzene
 Concen: 4.799 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: VY003431.D
 Acq: 04 Sep 2020 14:32

Tgt Ion: 105 Resp: 137302
 Ion Ratio Lower Upper
 105 100
 120 50.7 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 4.630 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY003431.D

Acq: 04 Sep 2020 14:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

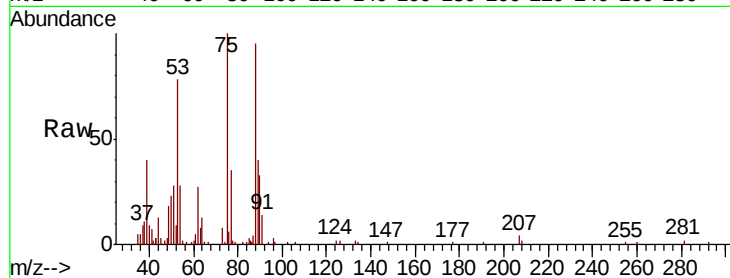
Tot Ion: 75 Resp: 12073

Ion Ratio Lower Upper

75 100

53 77.8 65.5 98.3

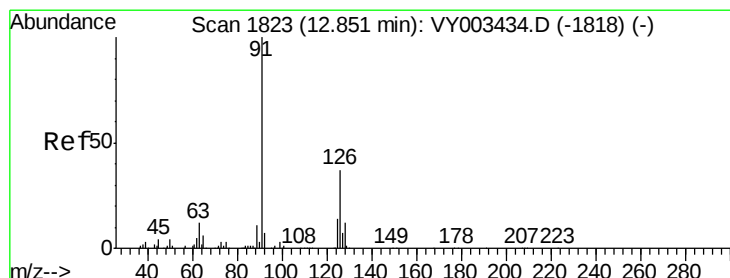
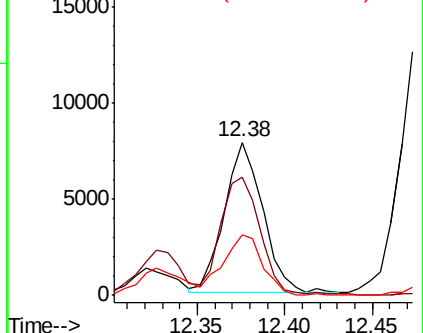
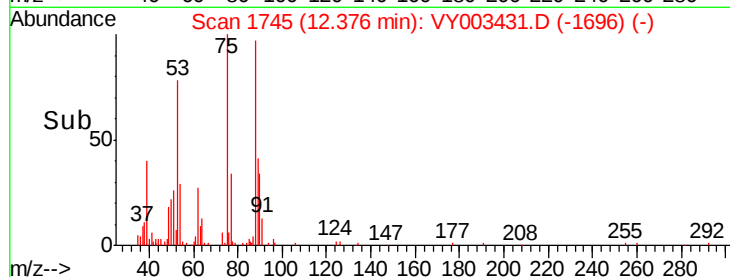
89 40.9 35.6 53.4



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 4.924 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY003431.D

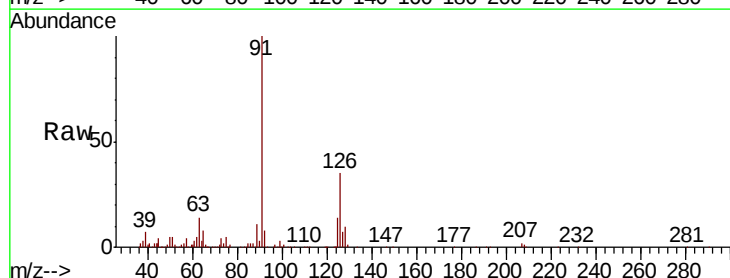
Acq: 04 Sep 2020 14:32

Tgt Ion: 91 Resp: 121781

Ion Ratio Lower Upper

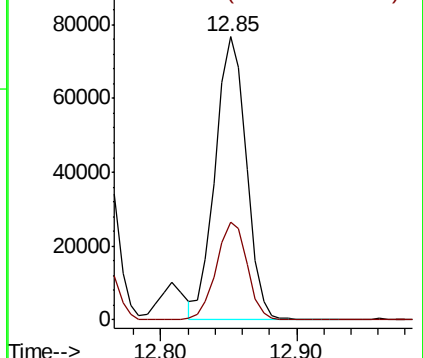
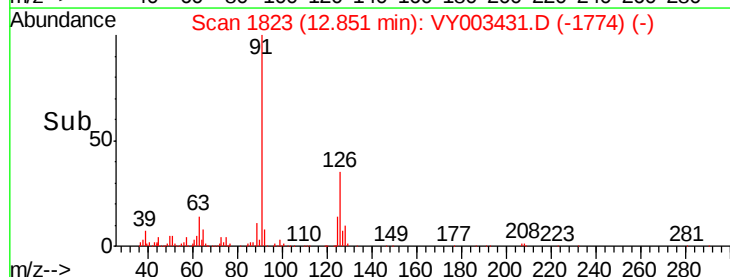
91 100

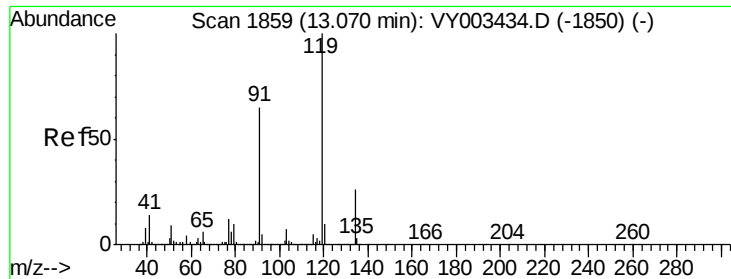
126 34.4 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

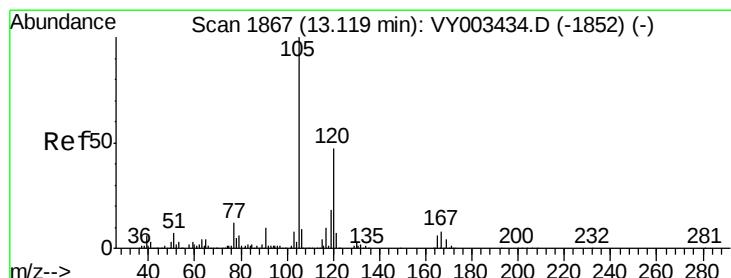
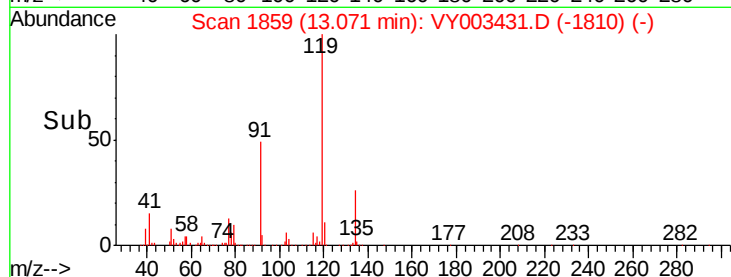
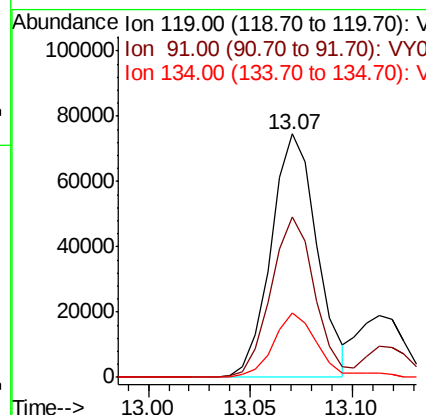
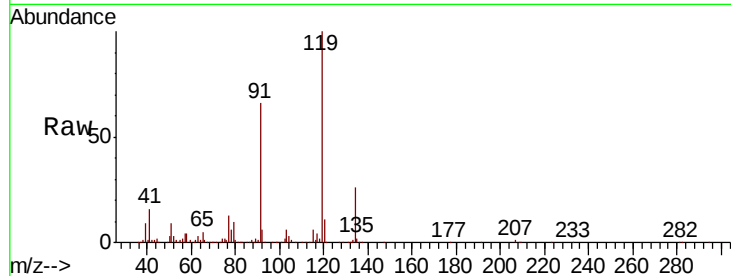




#83
tert-Butylbenzene
Concen: 4.773 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY003431.D
Acq: 04 Sep 2020 14:32

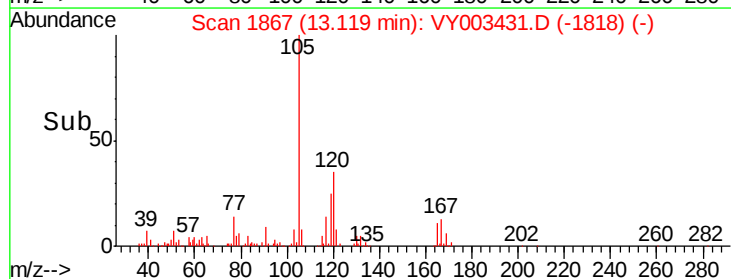
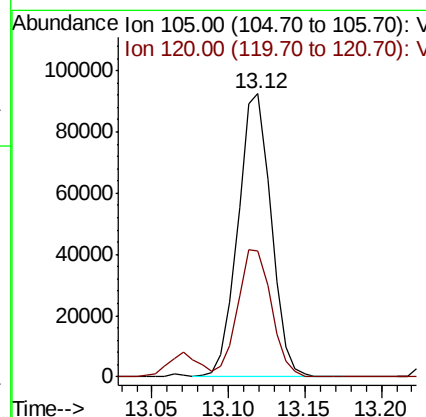
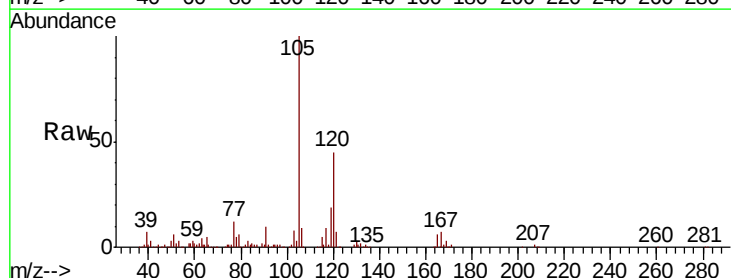
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

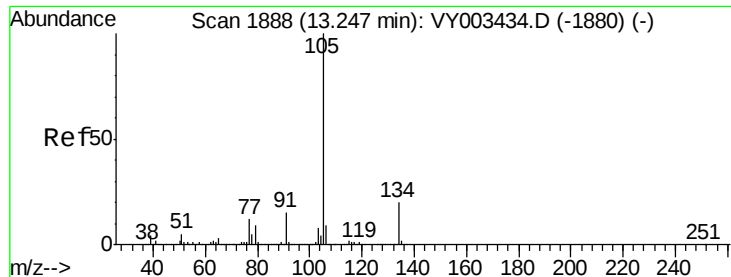
Tot Ion	Ratio	Lower	Upper
119	100		
91	63.6	32.4	97.0
134	26.1	13.4	40.2



#84
1,2,4-Trimethylbenzene
Concen: 4.822 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY003431.D
Acq: 04 Sep 2020 14:32

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	23.3	69.8





#85

sec-Butylbenzene

Concen: 4.806 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. 0.00 min

Lab File: VY003431.D

Acq: 04 Sep 2020 14:32

Instrument :

MSVOA_Y

ClientSampleId :

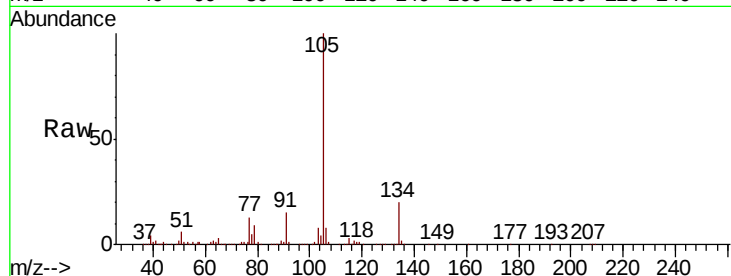
VSTDIC005

Tot Ion:105 Resp: 170457

Ion Ratio Lower Upper

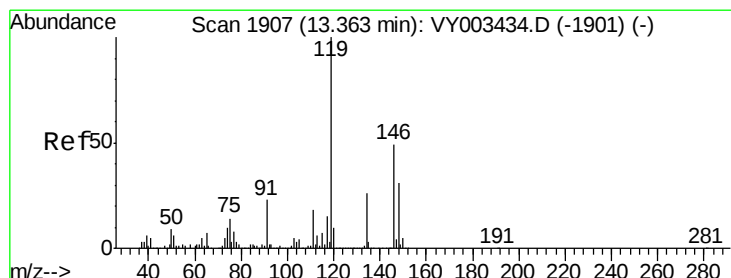
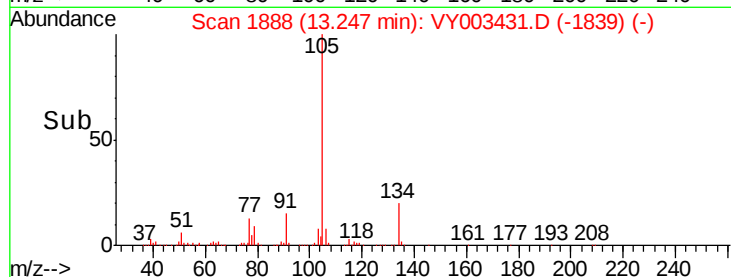
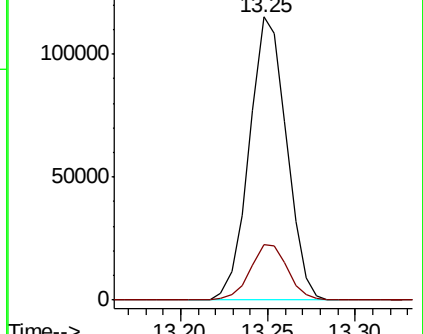
105 100

134 19.8 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 4.807 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.01 min

Lab File: VY003431.D

Acq: 04 Sep 2020 14:32

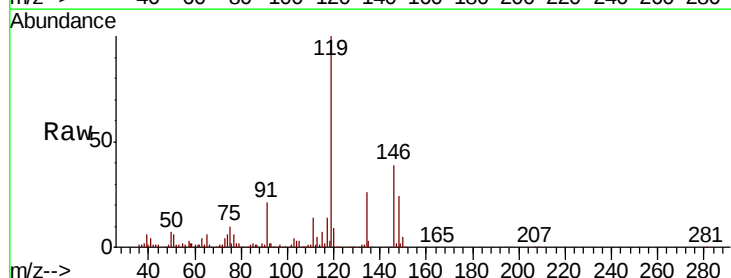
Tgt Ion:119 Resp: 151576

Ion Ratio Lower Upper

119 100

134 26.3 13.2 39.5

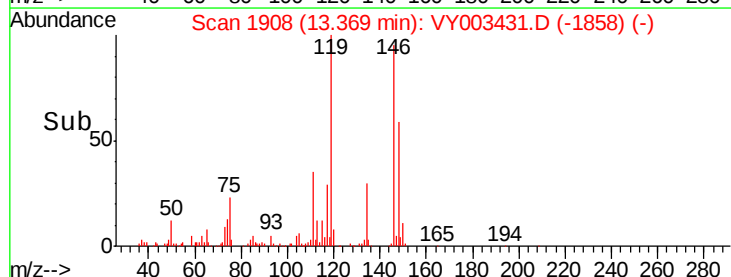
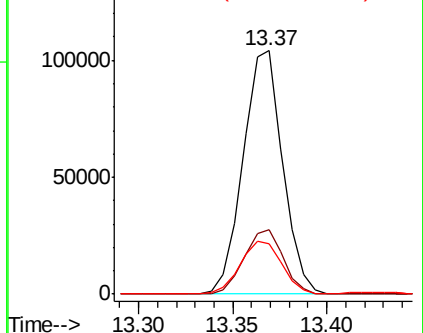
91 23.1 11.3 33.8

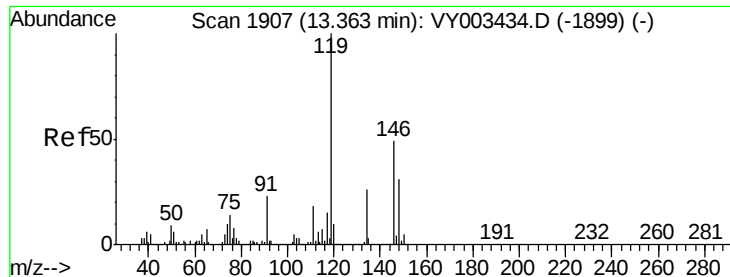


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 4.880 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

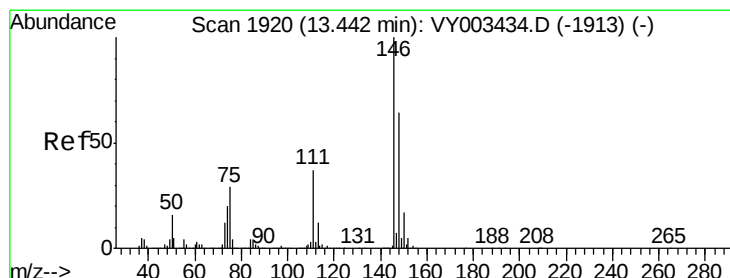
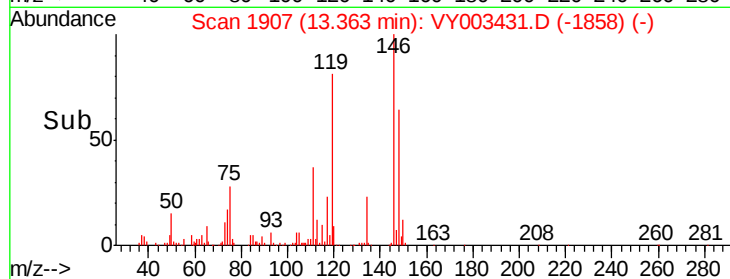
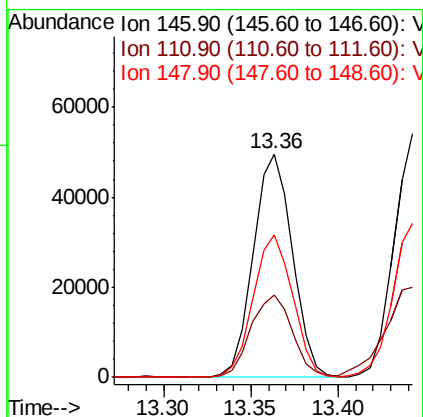
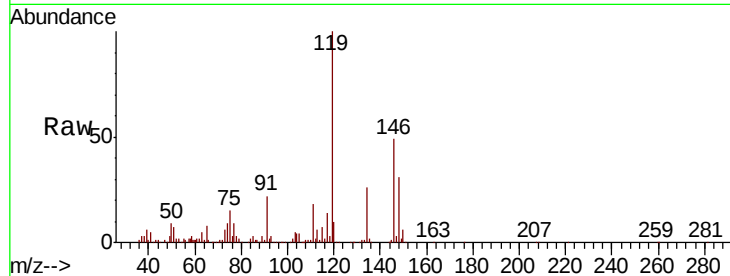
Lab File: VY003431.D

Acq: 04 Sep 2020 14:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion:146 Resp: 76929

Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.7	59.1
148	64.5	32.2	96.6



#88

1,4-Dichlorobenzene

Concen: 5.028 ug/l

RT: 13.44 min Scan# 1920

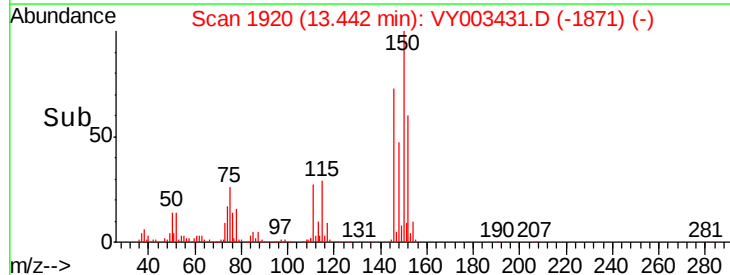
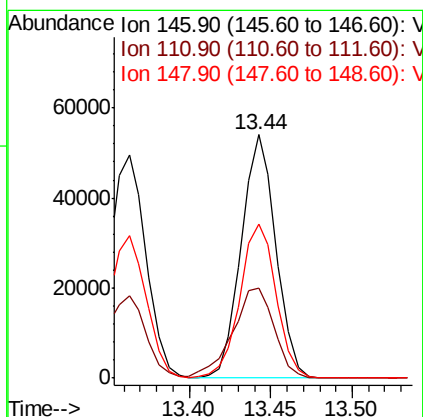
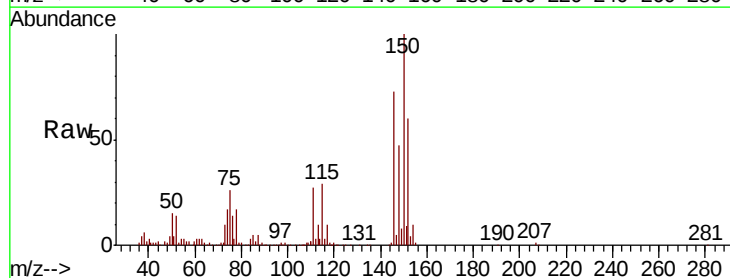
Delta R.T. 0.00 min

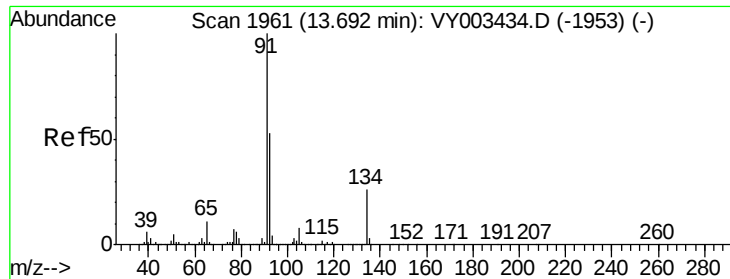
Lab File: VY003431.D

Acq: 04 Sep 2020 14:32

Tgt Ion:146 Resp: 79774

Ion	Ratio	Lower	Upper
146	100		
111	44.5	19.1	57.3
148	66.3	32.1	96.5





#89

n-Butylbenzene

Concen: 4.762 ug/l

RT: 13.69 min Scan# 1961

Delta R.T. 0.00 min

Lab File: VY003431.D

Acq: 04 Sep 2020 14:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

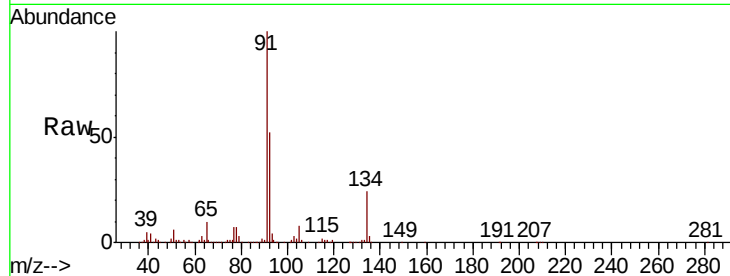
Tot Ion: 91 Resp: 150940

Ion Ratio Lower Upper

91 100

92 53.7 26.7 80.1

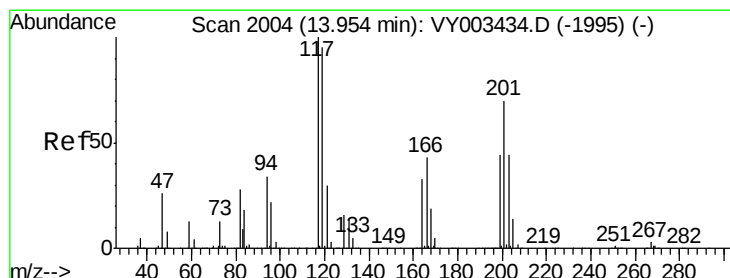
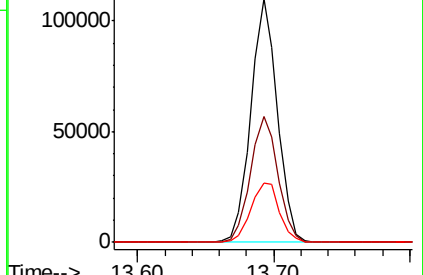
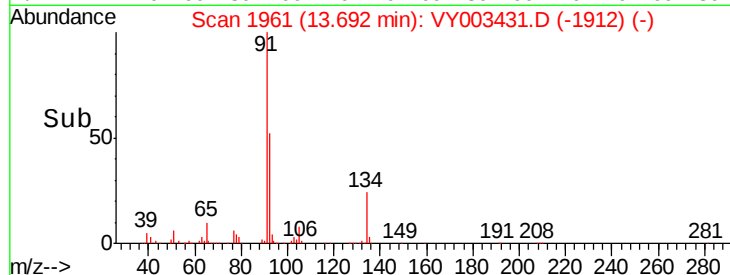
134 26.4 13.0 39.0



Abundance Ion 91.00 (90.70 to 91.70): VY003431.D (-1953) (-)

Ion 92.00 (91.70 to 92.70): VY003431.D (-1953) (-)

Ion 134.00 (133.70 to 134.70): VY003431.D (-1953) (-)



#90

Hexachloroethane

Concen: 4.765 ug/l

RT: 13.95 min Scan# 2004

Delta R.T. 0.00 min

Lab File: VY003431.D

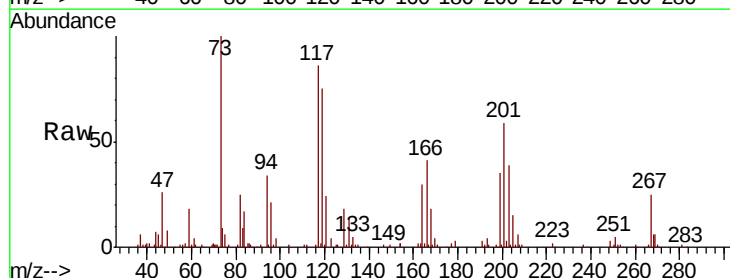
Acq: 04 Sep 2020 14:32

Tgt Ion: 117 Resp: 27307

Ion Ratio Lower Upper

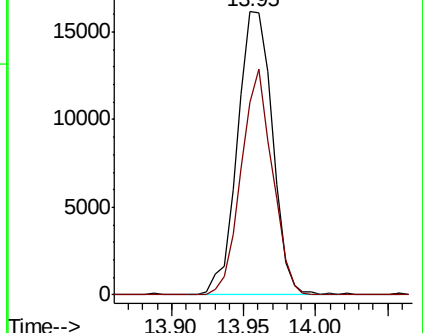
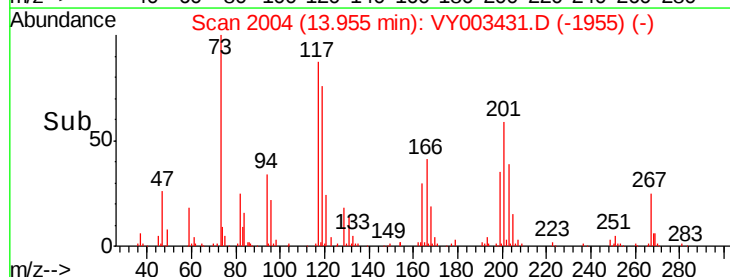
117 100

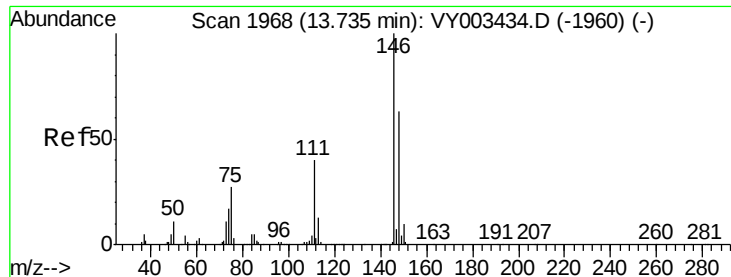
201 70.8 36.9 110.7



Abundance Ion 116.80 (116.50 to 117.50): VY003431.D (-1995) (-)

Ion 200.70 (200.40 to 201.40): VY003431.D (-1995) (-)





#91

1,2-Dichlorobenzene

Concen: 4.894 ug/l

RT: 13.74 min Scan# 1968

Delta R.T. 0.00 min

Lab File: VY003431.D

Acq: 04 Sep 2020 14:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

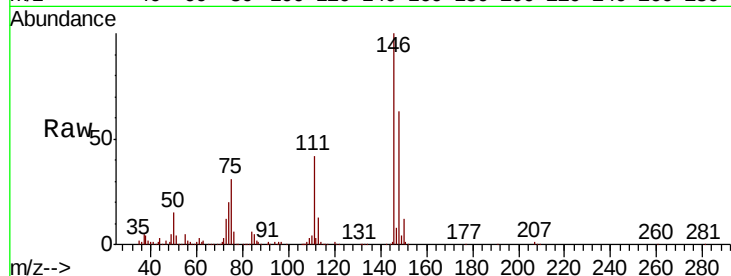
Tot Ion:146 Resp: 70216

Ion Ratio Lower Upper

146 100

111 41.9 20.3 60.8

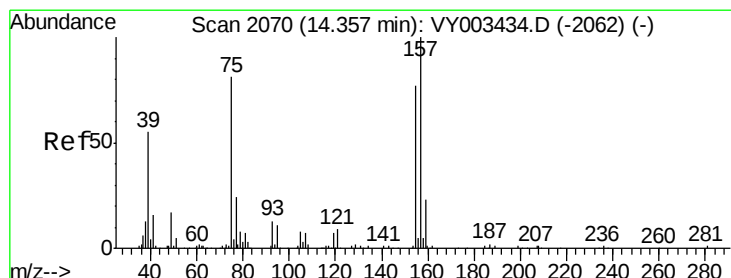
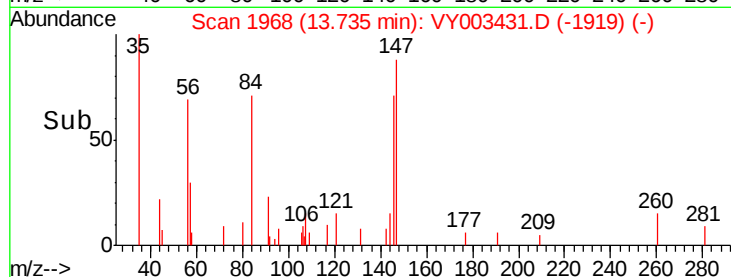
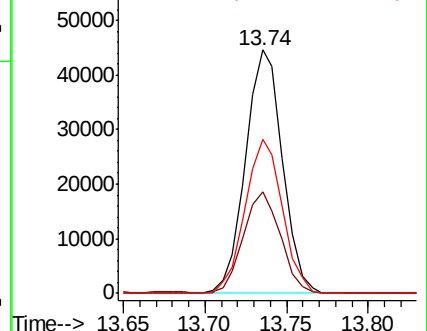
148 63.6 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.619 ug/l

RT: 14.35 min Scan# 2069

Delta R.T. -0.01 min

Lab File: VY003431.D

Acq: 04 Sep 2020 14:32

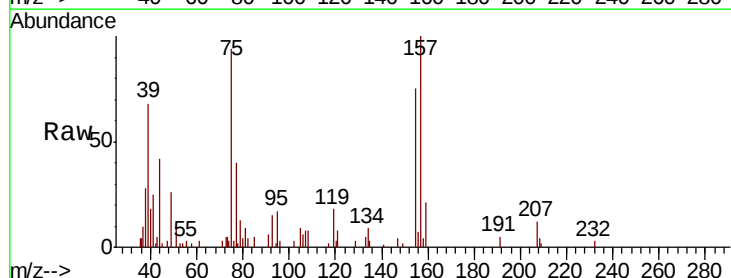
Tgt Ion: 75 Resp: 5345

Ion Ratio Lower Upper

75 100

155 89.6 47.4 142.2

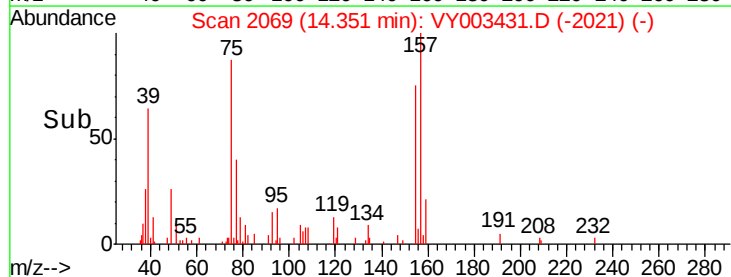
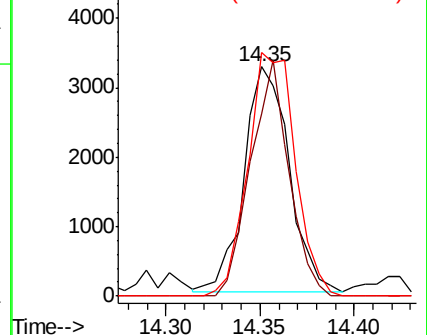
157 114.1 60.0 180.0

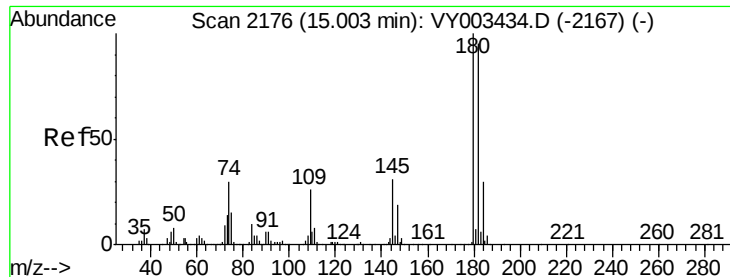


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

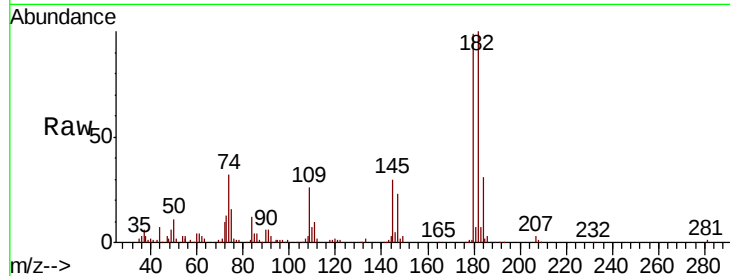




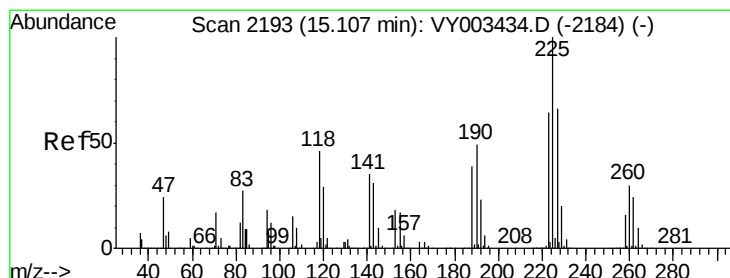
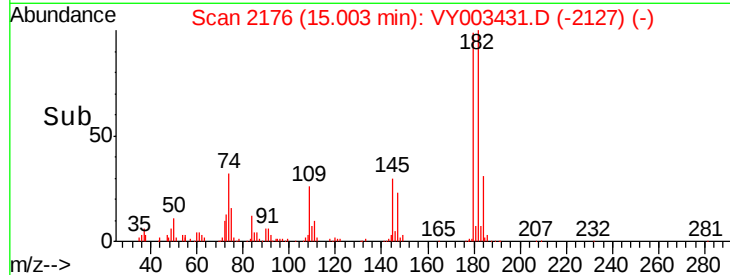
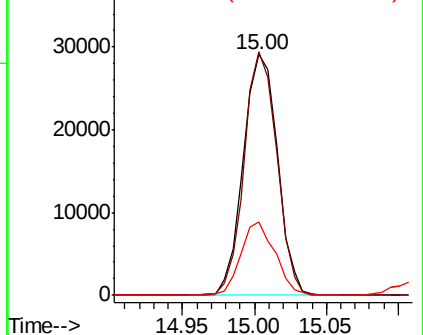
#93
 1,2,4-Trichlorobenzene
 Concen: 4.940 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY003431.D
 Acq: 04 Sep 2020 14:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.5	142.6
145	30.5	15.2	45.6

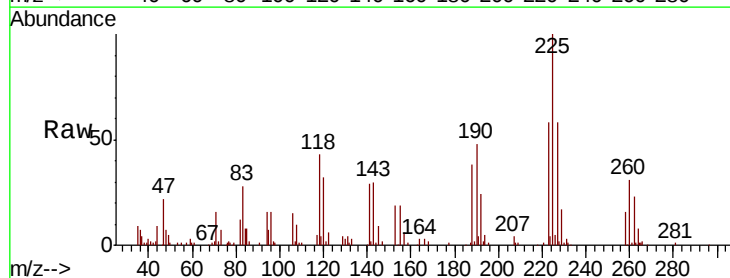


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

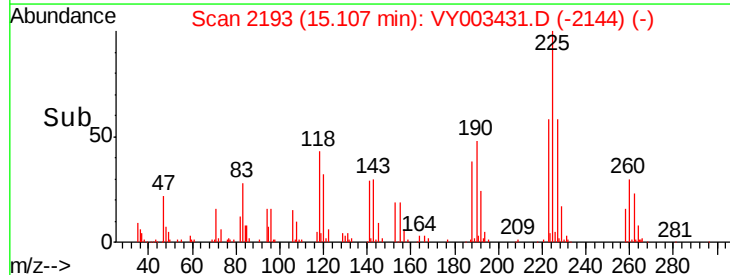
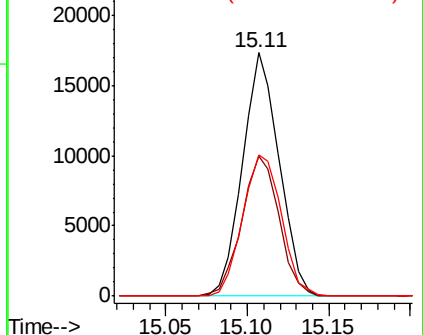


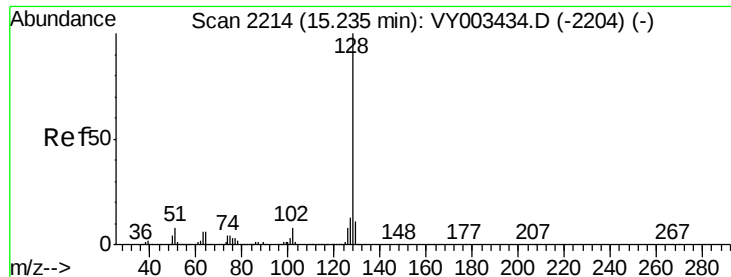
#94
 Hexachlorobutadiene
 Concen: 5.215 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY003431.D
 Acq: 04 Sep 2020 14:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	58.6	32.0	96.0
227	61.3	32.2	96.6



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: 4.581 ug/l

RT: 15.23 min Scan# 2213

Delta R.T. -0.01 min

Lab File: VY003431.D

Acq: 04 Sep 2020 14:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

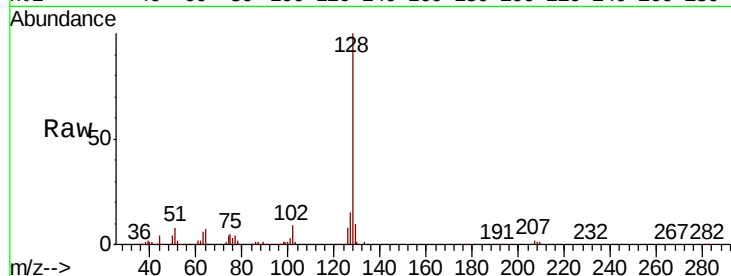
Tot Ion:128 Resp: 92694

Ion Ratio Lower Upper

128 100

127 13.9 10.4 15.6

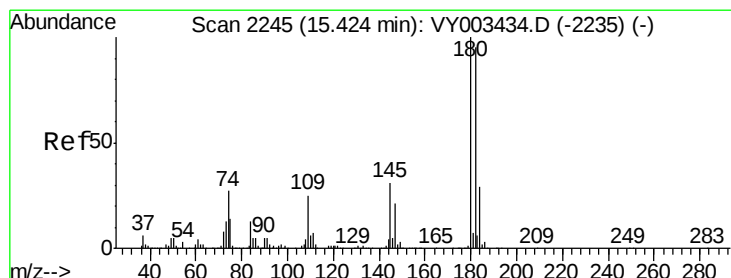
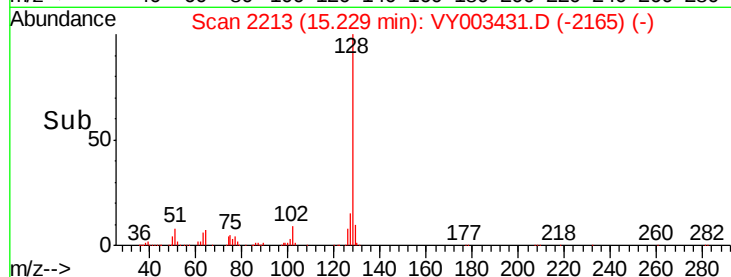
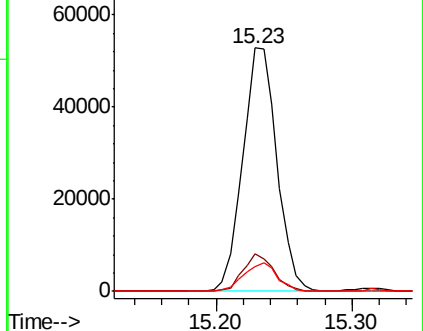
129 11.6 8.7 13.1



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: 4.916 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VY003431.D

Acq: 04 Sep 2020 14:32

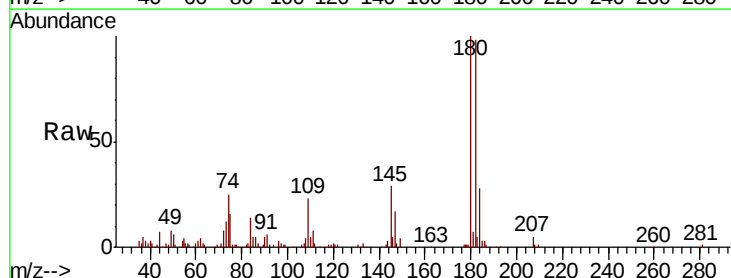
Tgt Ion:180 Resp: 42380

Ion Ratio Lower Upper

180 100

182 94.7 47.0 141.2

145 32.8 15.9 47.7



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

