

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY061920\
 Data File : VY002935.D
 Acq On : 19 Jun 2020 13:38
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Quant Time: Jun 19 14:20:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 14:17:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	353260	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	517135	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	479624	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	257471	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	54984	18.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.30%	
35) Dibromofluoromethane	7.72	113	56057	18.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.88%	
50) Toluene-d8	10.18	98	220503	18.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.96%	
62) 4-Bromofluorobenzene	12.48	95	76706	18.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.56%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	37514	16.737	ug/l	100
3) Chloromethane	2.12	50	43707	17.004	ug/l	94
4) Vinyl Chloride	2.26	62	47425	17.432	ug/l	94
5) Bromomethane	2.65	94	34611	16.622	ug/l	98
6) Chloroethane	2.79	64	31565	17.841	ug/l	98
7) Trichlorofluoromethane	3.13	101	90742	18.357	ug/l	99
8) Diethyl Ether	3.54	74	32227	18.183	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.90	101	56233	18.868	ug/l	98
10) Methyl Iodide	4.10	142	72861	18.445	ug/l	100
11) Tert butyl alcohol	4.96	59	34420	90.996	ug/l	98
12) 1,1-Dichloroethene	3.88	96	53797	18.309	ug/l	97
13) Acrolein	3.74	56	27984	98.716	ug/l	99
14) Allyl chloride	4.49	41	77788	18.387	ug/l	99
15) Acrylonitrile	5.18	53	81374	95.192	ug/l	99
16) Acetone	3.96	43	64423	89.205	ug/l	98
17) Carbon Disulfide	4.20	76	143181	16.932	ug/l	99
18) Methyl Acetate	4.49	43	40295	17.594	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	152850	19.114	ug/l	98
20) Methylene Chloride	4.72	84	73430	13.723	ug/l	97
21) trans-1,2-Dichloroethene	5.23	96	59339	18.179	ug/l	94
22) Diisopropyl ether	6.13	45	167712	19.158	ug/l	98
23) Vinyl Acetate	6.07	43	535550	97.551	ug/l	99
24) 1,1-Dichloroethane	6.03	63	96854	18.786	ug/l	98
25) 2-Butanone	6.99	43	101784	93.809	ug/l	99
26) 2,2-Dichloropropane	6.99	77	90082	18.397	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	68493	18.707	ug/l	99
28) Bromochloromethane	7.34	49	39963	18.642	ug/l	100
29) Tetrahydrofuran	7.36	42	65927	94.224	ug/l	99
30) Chloroform	7.52	83	102763	19.018	ug/l	99
31) Cyclohexane	7.79	56	90337	17.742	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	93582	18.882	ug/l	99
36) 1,1-Dichloropropene	7.92	75	77695	18.541	ug/l	99
37) Ethyl Acetate	7.08	43	44552	18.911	ug/l	99
38) Carbon Tetrachloride	7.91	117	86870	18.864	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	99879	18.283	ug/l	96
40) Benzene	8.17	78	234086	18.689	ug/l	98
41) Methacrylonitrile	7.35	41	60445	28.371	ug/l #	1
42) 1,2-Dichloroethane	8.25	62	66106	18.978	ug/l	99
43) Isopropyl Acetate	8.28	43	82329	19.076	ug/l	99
44) Trichloroethene	8.94	130	72783	18.700	ug/l	99
45) 1,2-Dichloropropane	9.22	63	57388	19.000	ug/l	98
46) Dibromomethane	9.31	93	33563	18.615	ug/l	99
47) Bromodichloromethane	9.50	83	79775	19.129	ug/l	97
48) Methyl methacrylate	9.30	41	37064	19.308	ug/l	99
49) 1,4-Dioxane	9.30	88	10368	398.036	ug/l	97
51) 4-Methyl-2-Pentanone	10.07	43	221222	95.957	ug/l	100
52) Toluene	10.24	92	152781	18.870	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	86451	19.137	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	97889	19.100	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	51421	19.053	ug/l	97
56) Ethyl methacrylate	10.51	69	68015	19.133	ug/l	99
57) 1,3-Dichloropropane	10.79	76	85538	18.989	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	162882	91.578	ug/l	100
59) 2-Hexanone	10.83	43	156542	97.162	ug/l	99
60) Dibromochloromethane	10.99	129	66506	19.514	ug/l	99
61) 1,2-Dibromoethane	11.09	107	50191	18.855	ug/l	100
64) Tetrachloroethene	10.72	164	75668	18.634	ug/l	98
65) Chlorobenzene	11.52	112	173949	19.096	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	66839	19.496	ug/l	100
67) Ethyl Benzene	11.59	91	299982	19.188	ug/l	100
68) m/p-Xylenes	11.70	106	231056	38.040	ug/l	100
69) o-Xylene	12.03	106	110048	19.218	ug/l	98
70) Styrene	12.04	104	190954	19.365	ug/l	99
71) Bromoform	12.20	173	44530	19.494	ug/l #	98
73) Isopropylbenzene	12.33	105	304661	19.384	ug/l	99
74) N-amyl acetate	12.14	43	77784	19.463	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	56463	19.374	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	81048	22.194	ug/l #	100
77) Bromobenzene	12.61	156	79413	19.230	ug/l	99
78) n-propylbenzene	12.67	91	352056	19.253	ug/l	100
79) 2-Chlorotoluene	12.75	91	196248	19.151	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	253845	19.372	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	21757	18.891	ug/l	96
82) 4-Chlorotoluene	12.85	91	206167	19.070	ug/l	100
83) tert-Butylbenzene	13.07	119	228625	19.371	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	258079	19.490	ug/l	99
85) sec-Butylbenzene	13.25	105	312055	19.336	ug/l	100
86) p-Isopropyltoluene	13.37	119	292393	19.390	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	151136	19.271	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	151541	19.269	ug/l	99
89) n-Butylbenzene	13.69	91	265526	19.399	ug/l	99
90) Hexachloroethane	13.96	117	53953	19.349	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	138139	19.314	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10877	19.901	ug/l	93

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Quant Title : SW846 8260
QLast Update : Fri Jun 19 14:17:05 2020
Response via : Initial Calibration

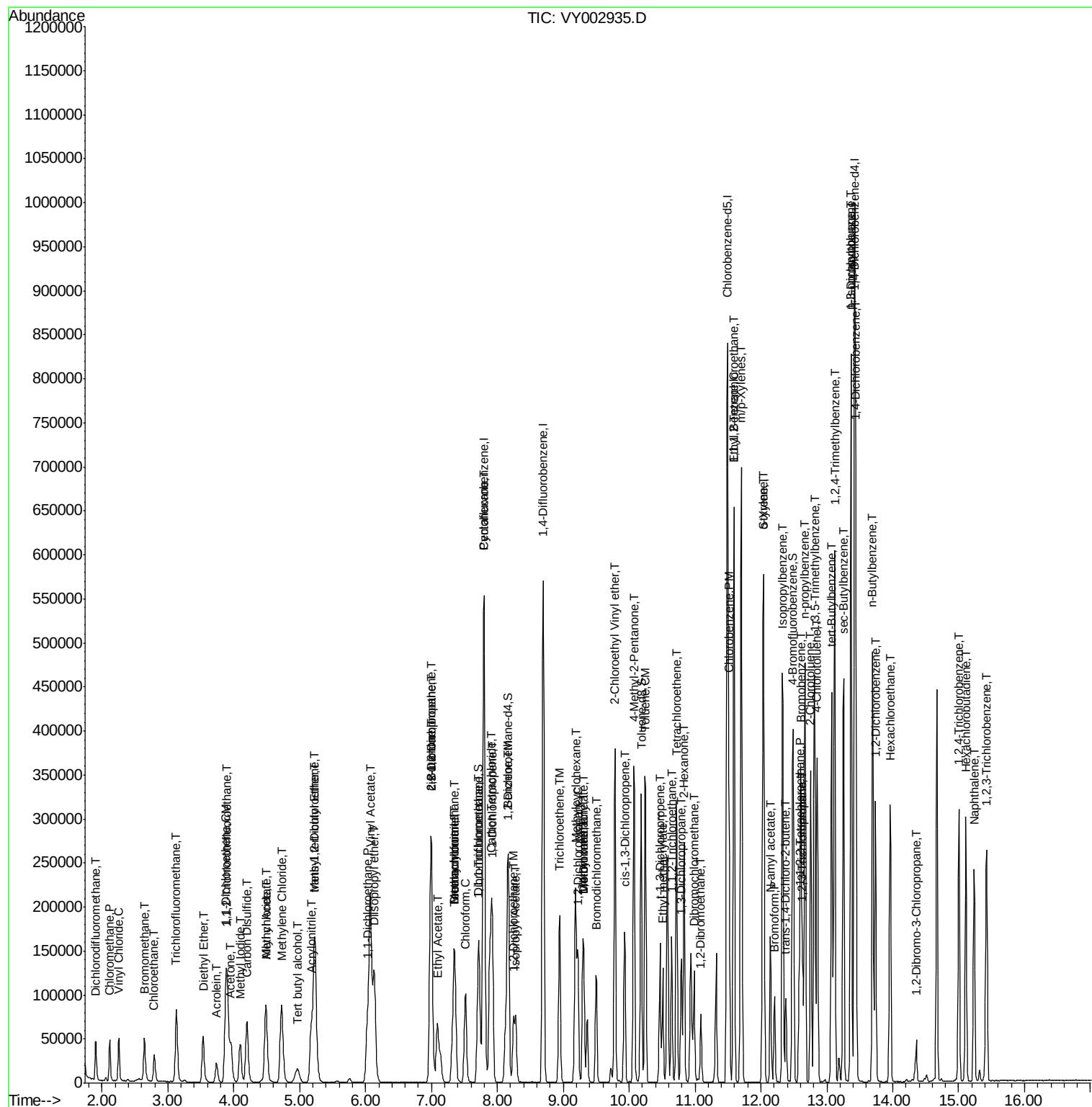
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	103613	19.334	ug/l	99
94) Hexachlorobutadiene	15.11	225	61068	19.495	ug/l	99
95) Naphthalene	15.23	128	203551	19.427	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	93408	19.562	ug/l	100

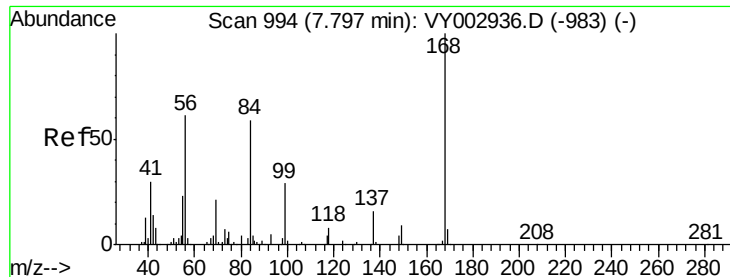
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY002935.D

Acq: 19 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

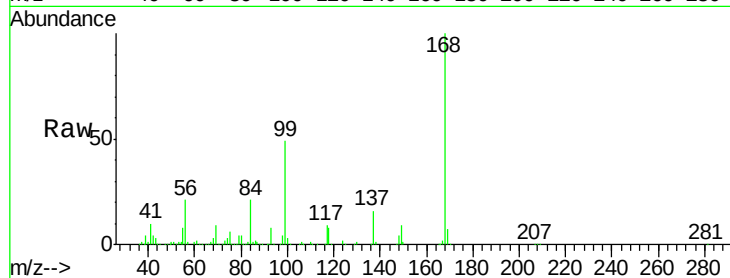
VSTDIC020

Tgt Ion:168 Resp: 353260

Ion Ratio Lower Upper

168 100

99 48.7 39.5 59.3



Abundance Ion 167.90 (167.60 to 168.60): VY002935.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002935.D (-983) (-)

7.80

150000

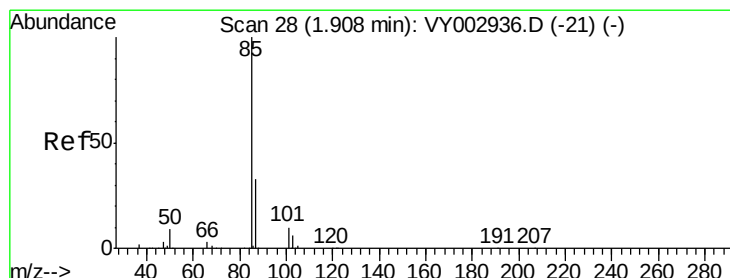
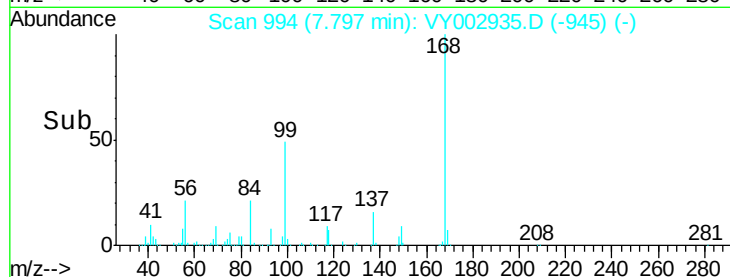
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 16.737 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.00 min

Lab File: VY002935.D

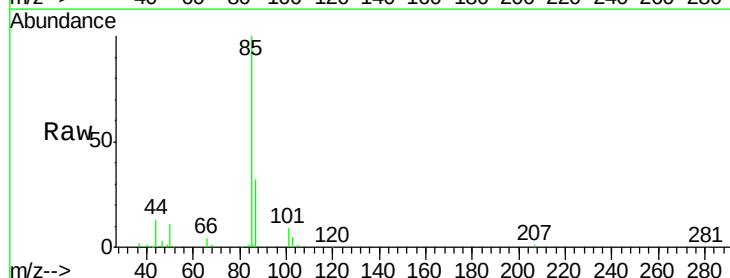
Acq: 19 Jun 2020 13:38

Tgt Ion: 85 Resp: 37514

Ion Ratio Lower Upper

85 100

87 32.5 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VY002935.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY002935.D (-21) (-)

1.91

30000

25000

20000

15000

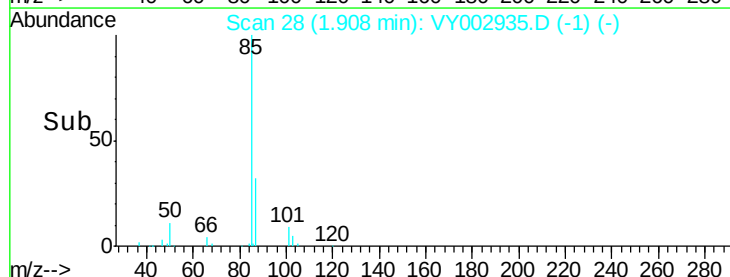
10000

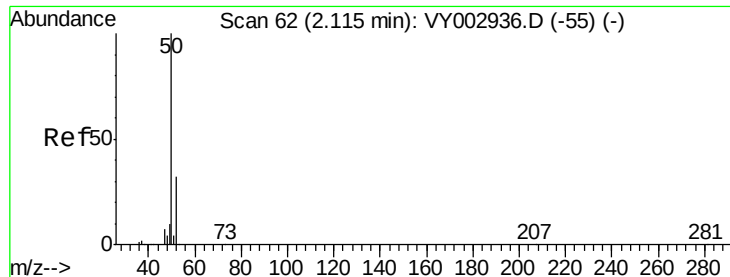
5000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 17.004 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY002935.D

Acq: 19 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

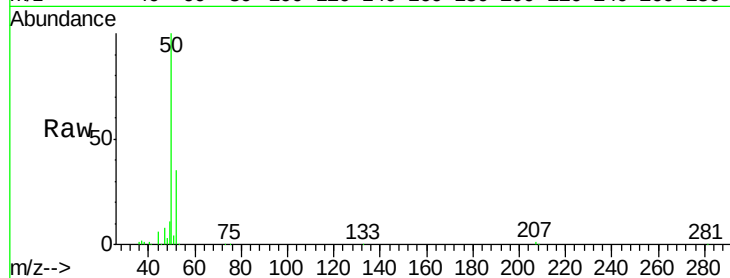
VSTDIC020

Tgt Ion: 50 Resp: 43707

Ion Ratio Lower Upper

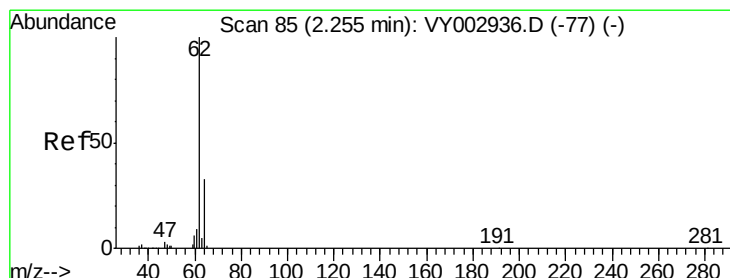
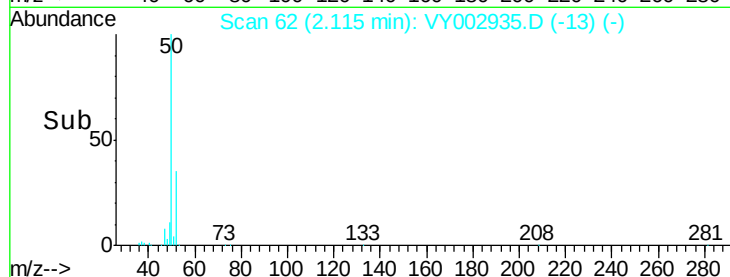
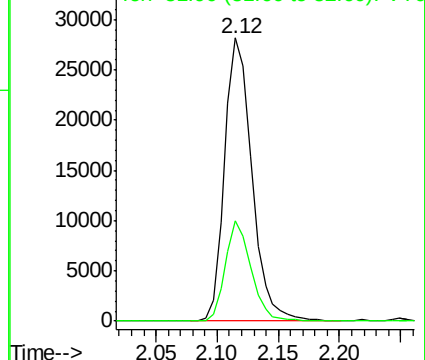
50 100

52 35.4 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 17.432 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY002935.D

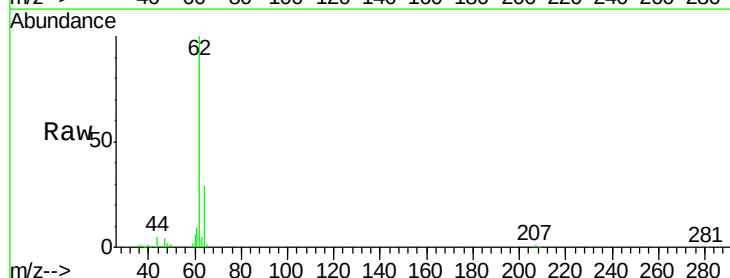
Acq: 19 Jun 2020 13:38

Tgt Ion: 62 Resp: 47425

Ion Ratio Lower Upper

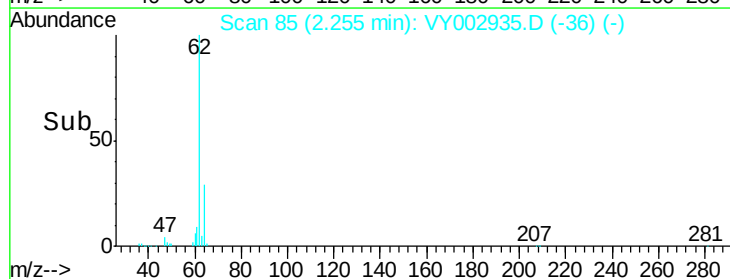
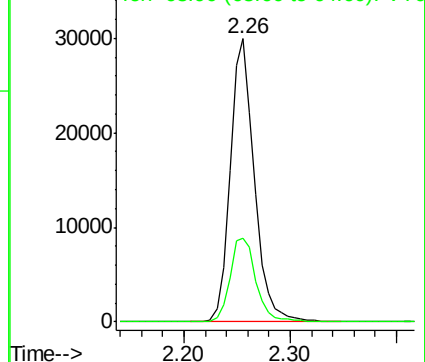
62 100

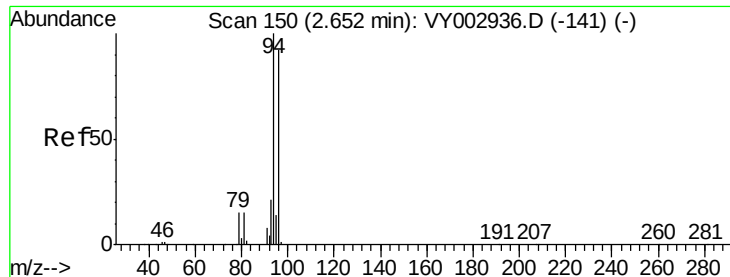
64 29.5 26.3 39.5



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 16.622 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002935.D

Acq: 19 Jun 2020 13:38

Instrument :

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ClientSampleId :

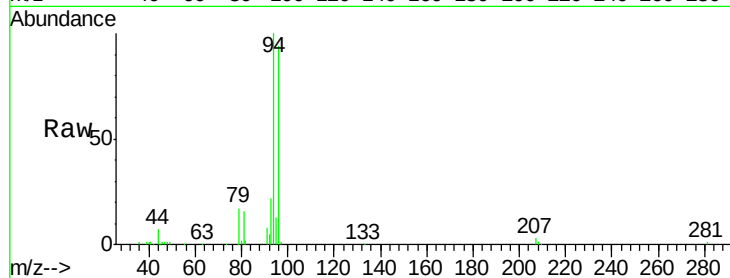
VSTDIC020

Tgt Ion: 94 Resp: 34611

Ion Ratio Lower Upper

94 100

96 93.7 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.65

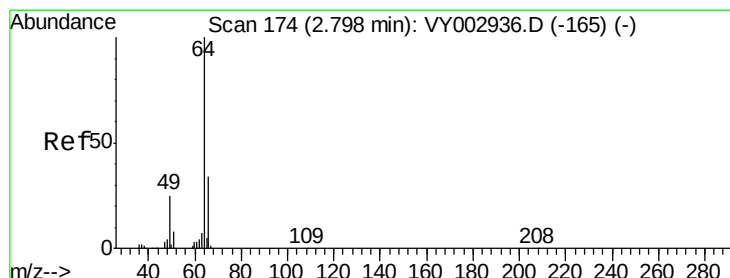
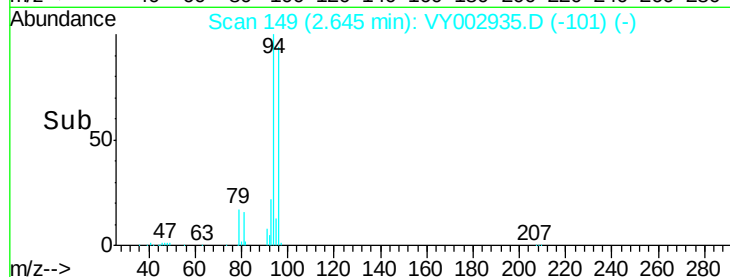
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 17.841 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY002935.D

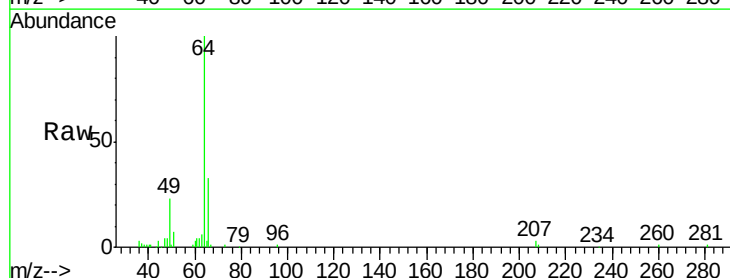
Acq: 19 Jun 2020 13:38

Tgt Ion: 64 Resp: 31565

Ion Ratio Lower Upper

64 100

66 32.5 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.79

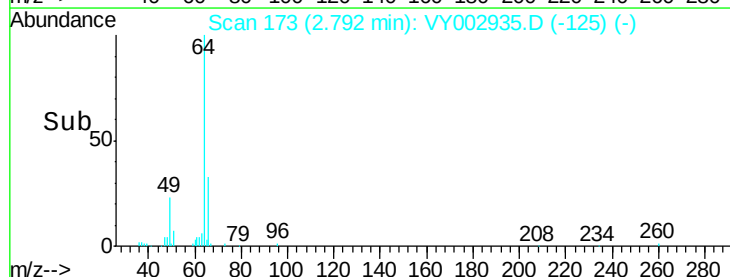
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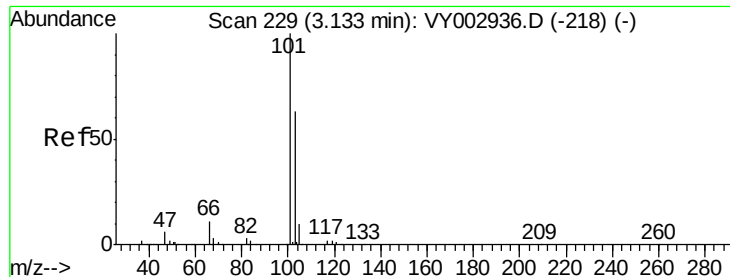
10000

5000

0

Time-->



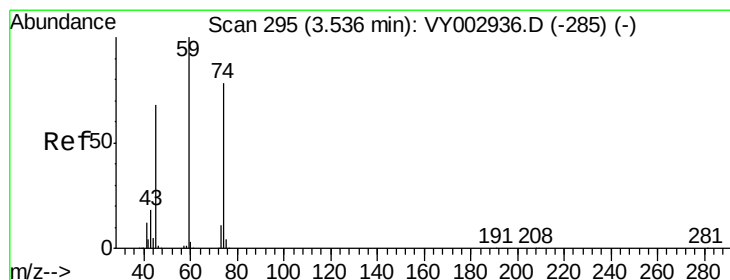
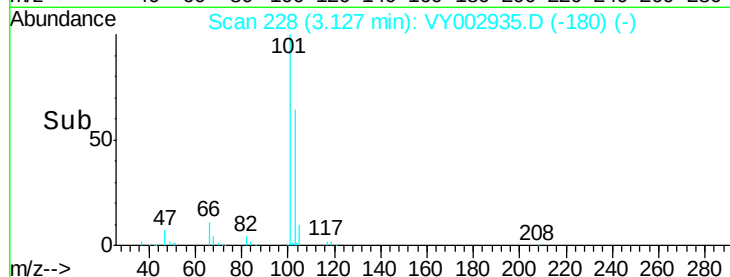
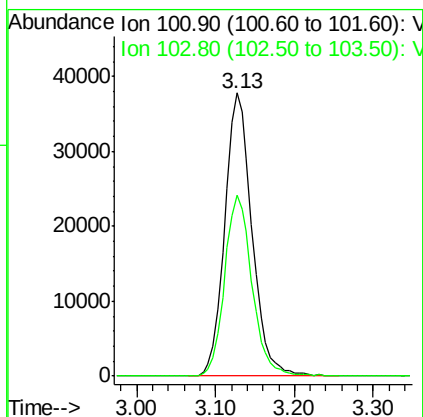
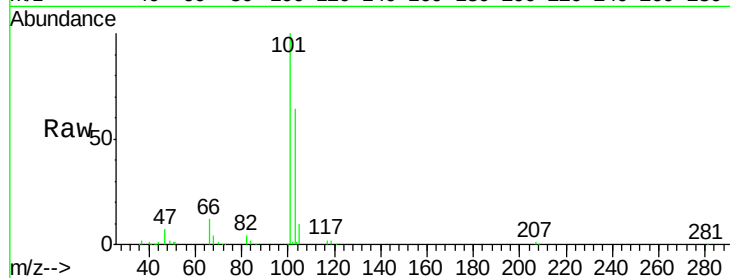


#7

Trichlorofluoromethane
 Concen: 18.357 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.01 min
 Lab File: VY002935.D
 Acq: 19 Jun 2020 13:38

Instrument :
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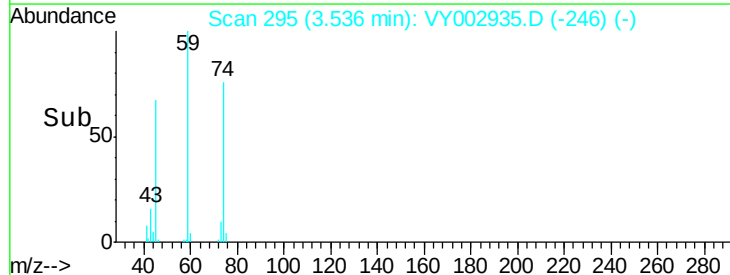
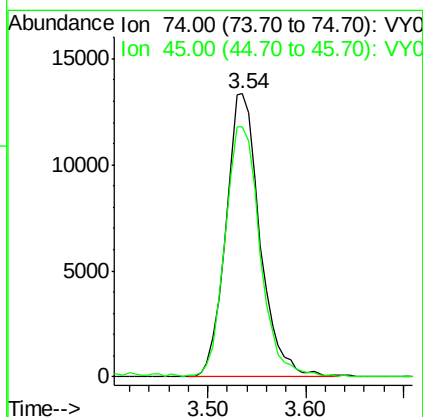
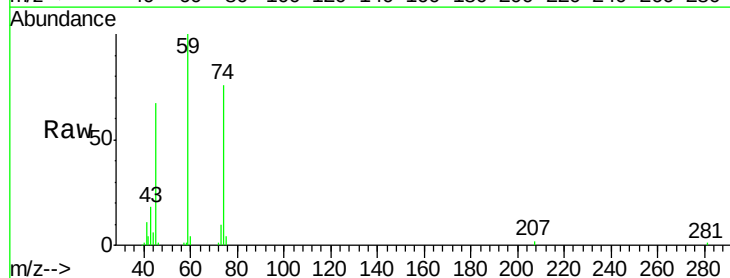
Tgt Ion:101 Resp: 90742
 Ion Ratio Lower Upper
 101 100
 103 63.7 50.6 76.0

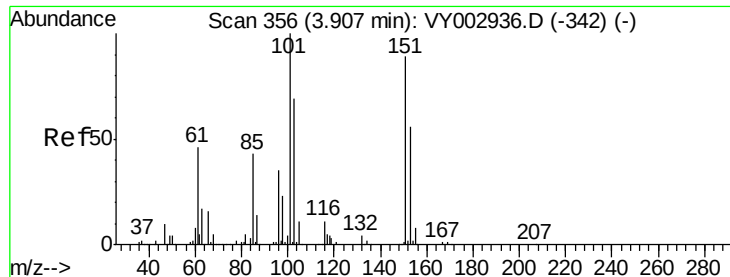


#8

Diethyl Ether
 Concen: 18.183 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY002935.D
 Acq: 19 Jun 2020 13:38

Tgt Ion: 74 Resp: 32227
 Ion Ratio Lower Upper
 74 100
 45 91.1 43.7 131.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.868 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY002935.D

Acq: 19 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

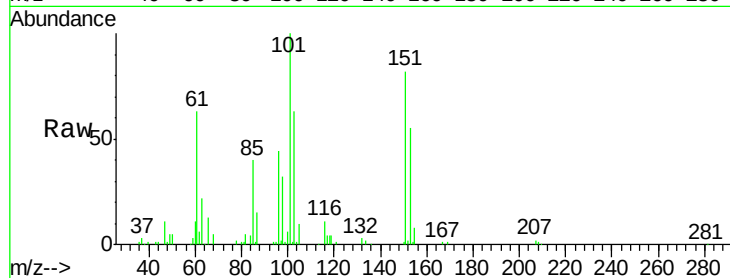
Tgt Ion:101 Resp: 56233

Ion Ratio Lower Upper

101 100

85 41.1 33.6 50.4

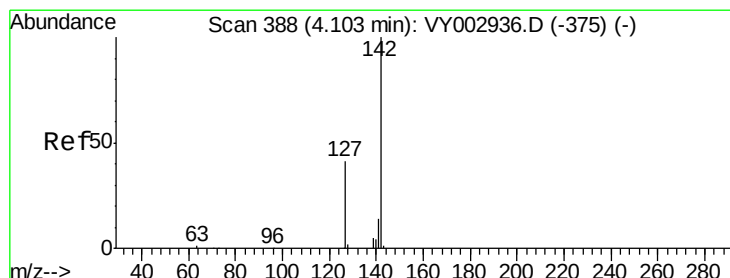
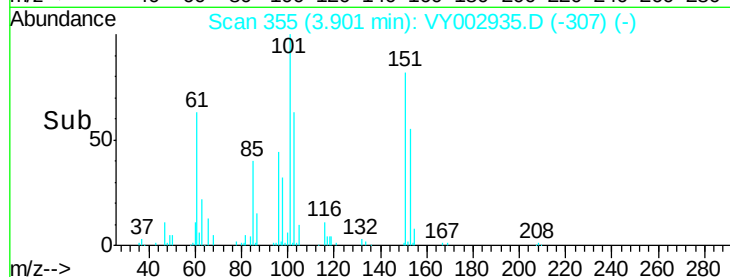
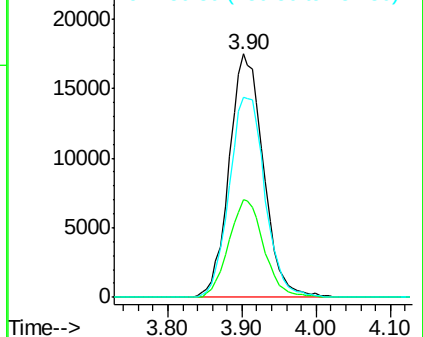
151 85.9 70.4 105.6



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: 18.445 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.01 min

Lab File: VY002935.D

Acq: 19 Jun 2020 13:38

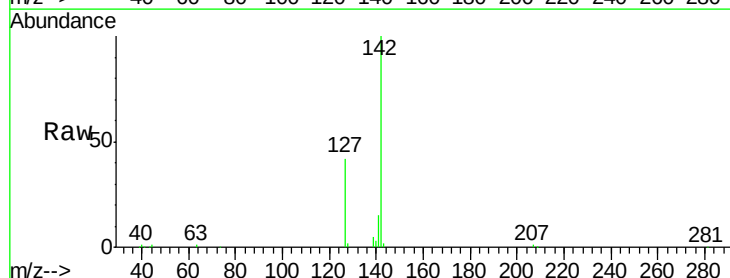
Tgt Ion:142 Resp: 72861

Ion Ratio Lower Upper

142 100

127 41.3 32.9 49.3

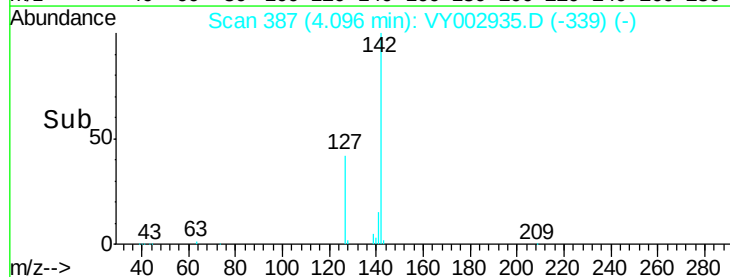
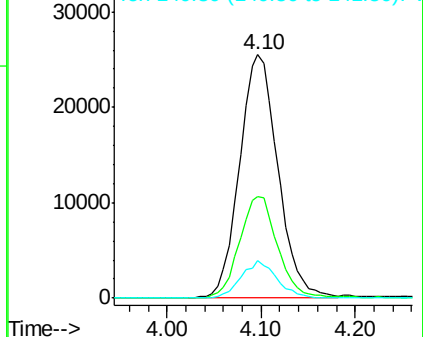
141 14.4 11.3 16.9

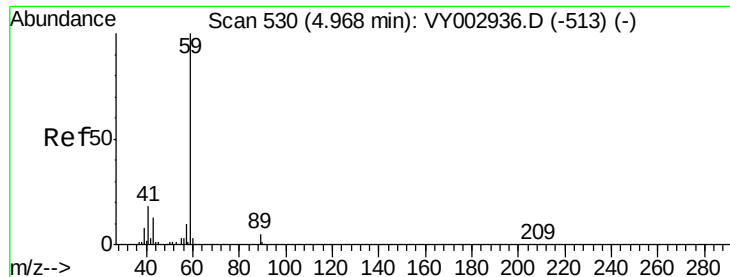


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



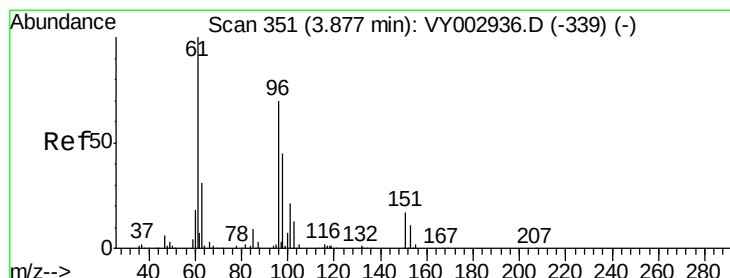
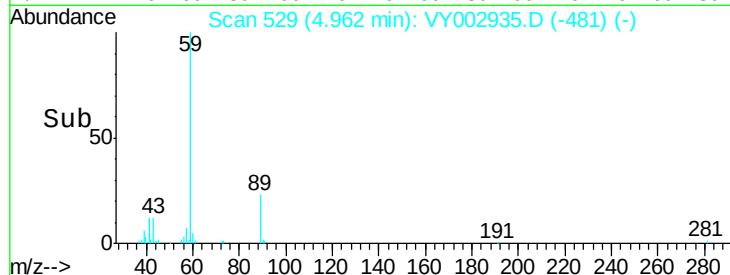
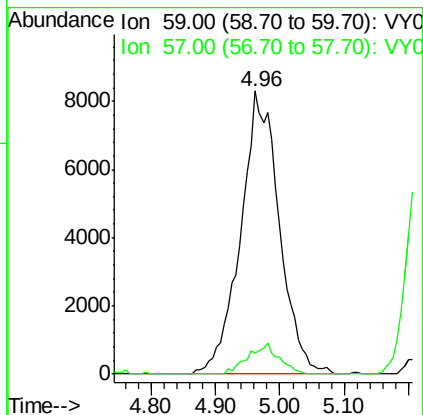
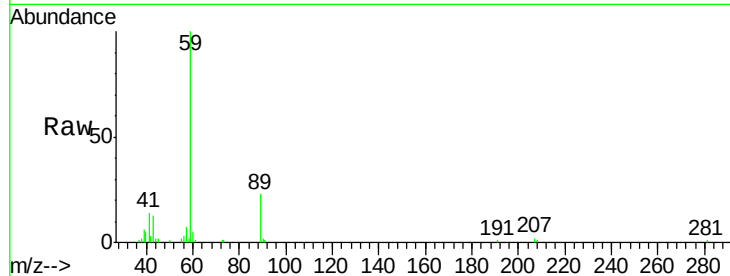


#11

Tert butyl alcohol
 Concen: 90.996 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: VY002935.D
 Acq: 19 Jun 2020 13:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

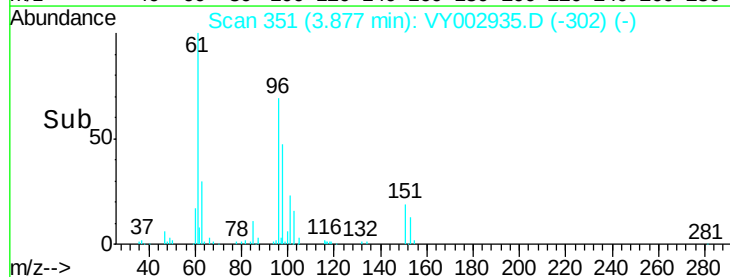
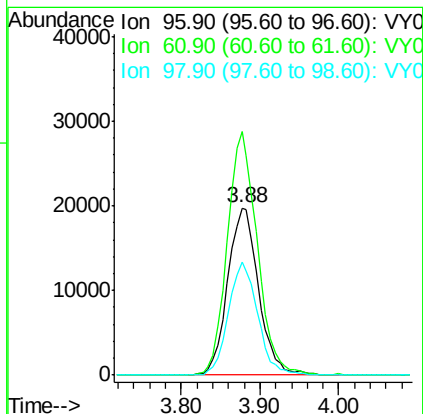
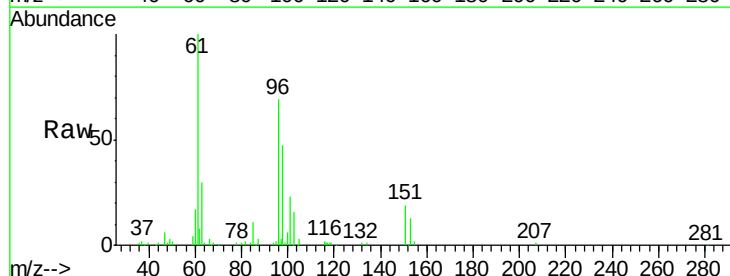
Tgt Ion: 59 Resp: 34420
 Ion Ratio Lower Upper
 59 100
 57 8.6 7.4 11.2

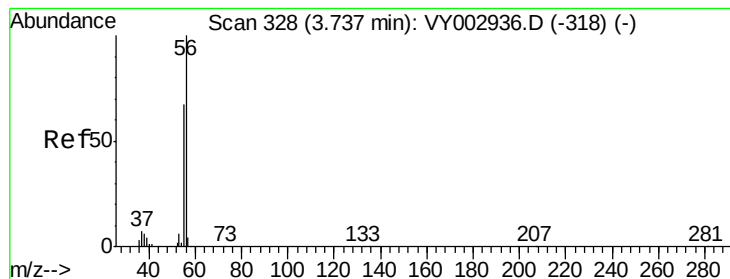


#12

1,1-Dichloroethene
 Concen: 18.309 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY002935.D
 Acq: 19 Jun 2020 13:38

Tgt Ion: 96 Resp: 53797
 Ion Ratio Lower Upper
 96 100
 61 145.6 114.6 172.0
 98 67.8 51.4 77.0





#13

Acrolein

Concen: 98.716 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY002935.D

Acq: 19 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

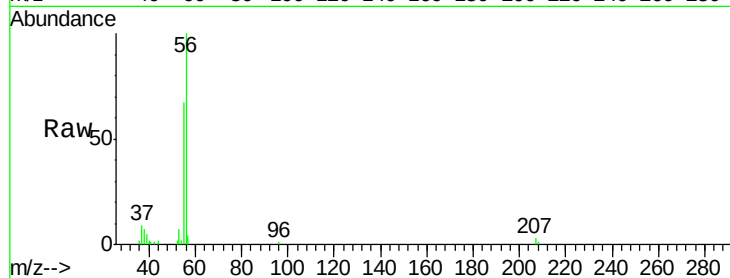
VSTDIC020

Tgt Ion: 56 Resp: 27984

Ion Ratio Lower Upper

56 100

55 68.5 55.3 82.9



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

12000

10000

8000

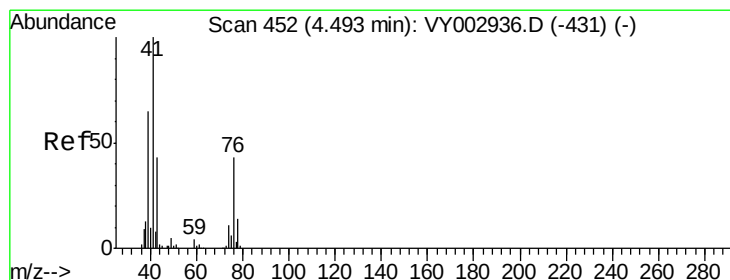
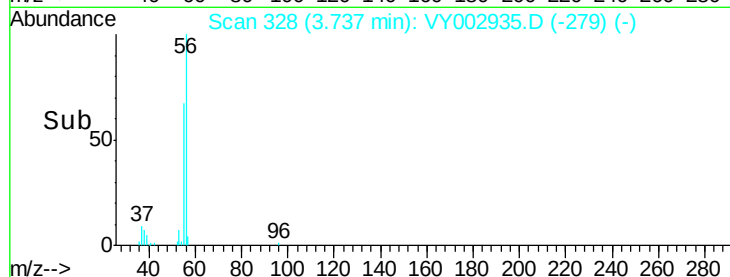
6000

4000

2000

0

Time--> 3.60 3.70 3.80 3.90



#14

Allyl chloride

Concen: 18.387 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.00 min

Lab File: VY002935.D

Acq: 19 Jun 2020 13:38

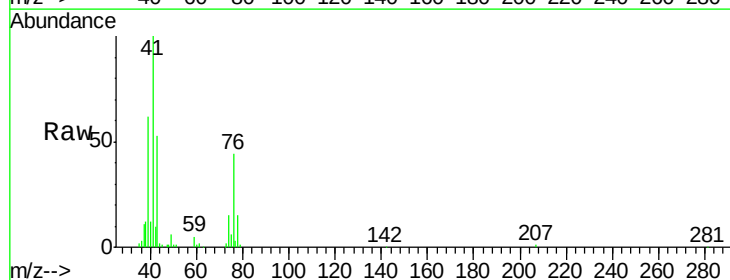
Tgt Ion: 41 Resp: 77788

Ion Ratio Lower Upper

41 100

39 62.9 50.0 75.0

76 40.7 33.3 49.9



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

30000

25000

20000

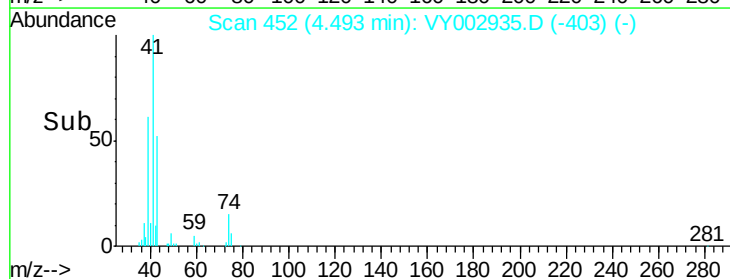
15000

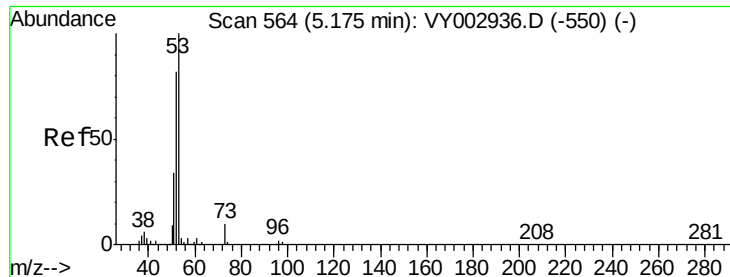
10000

5000

0

Time--> 4.30 4.40 4.50 4.60





#15

Acrylonitrile

Concen: 95.192 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.00 min

Lab File: VY002935.D

Acq: 19 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

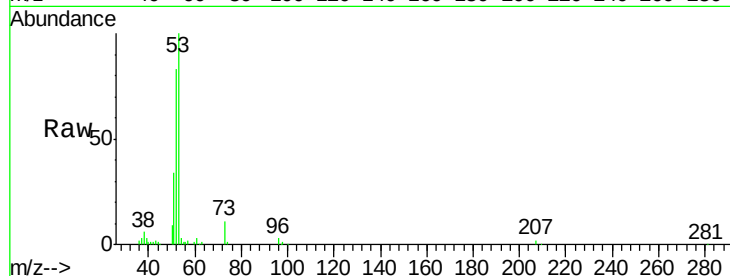
Tgt Ion: 53 Resp: 81374

Ion Ratio Lower Upper

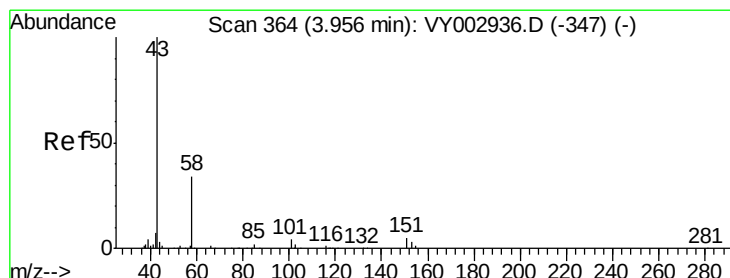
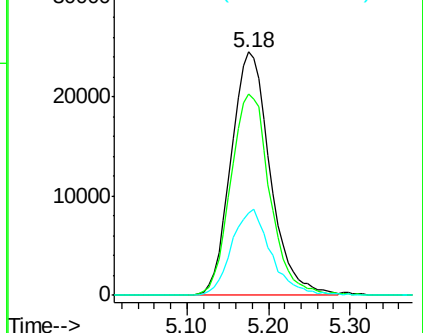
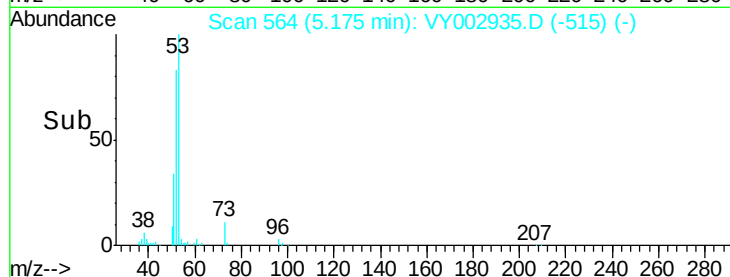
53 100

52 83.1 65.7 98.5

51 35.7 28.1 42.1



Abundance Ion 53.00 (52.70 to 53.70): VY002935.D (-515) (-)



#16

Acetone

Concen: 89.205 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY002935.D

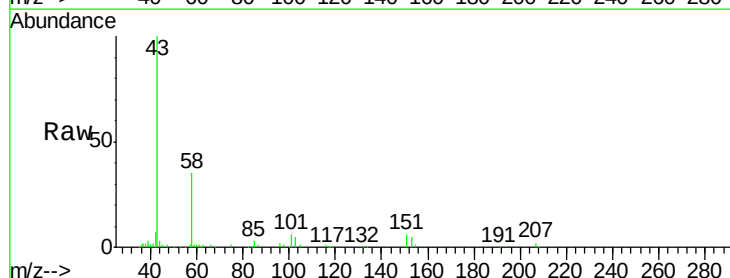
Acq: 19 Jun 2020 13:38

Tgt Ion: 43 Resp: 64423

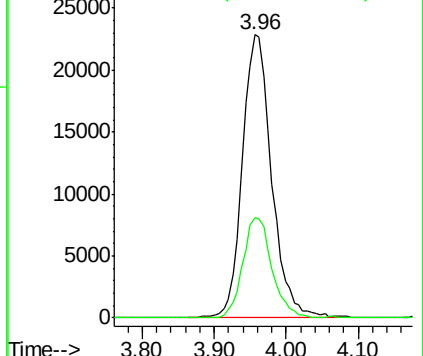
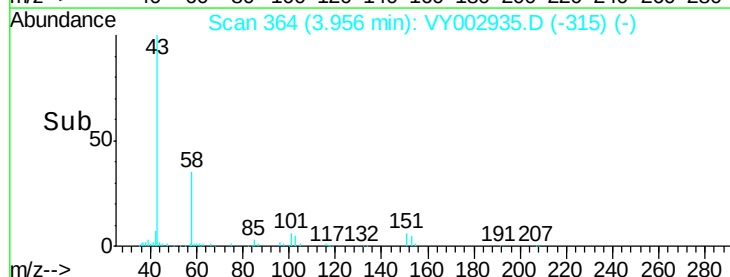
Ion Ratio Lower Upper

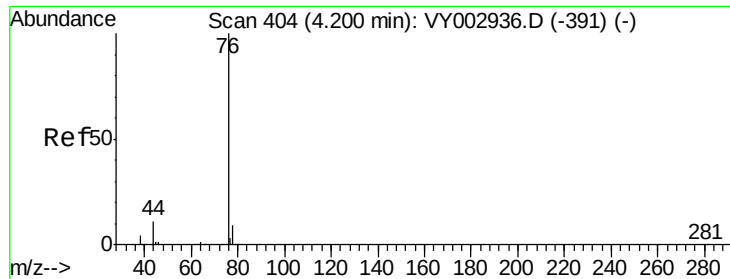
43 100

58 35.4 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VY002935.D (-315) (-)

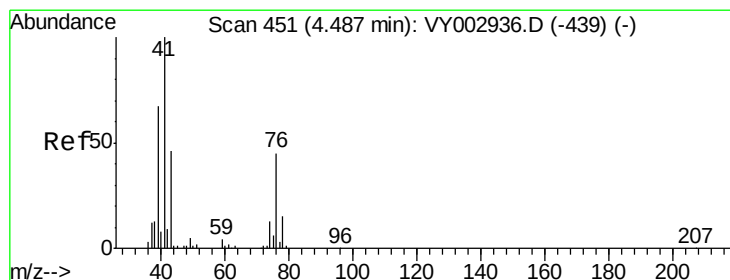
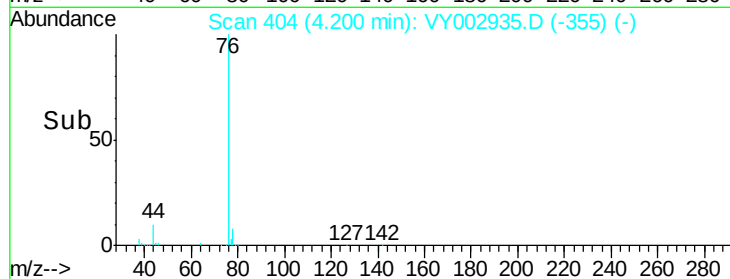
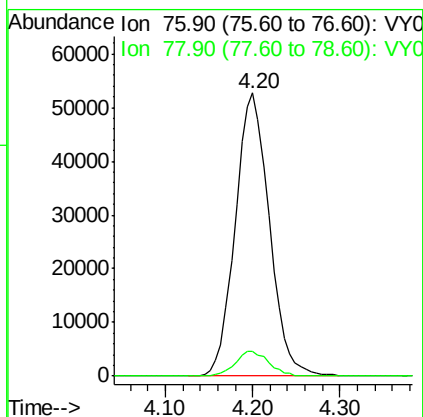
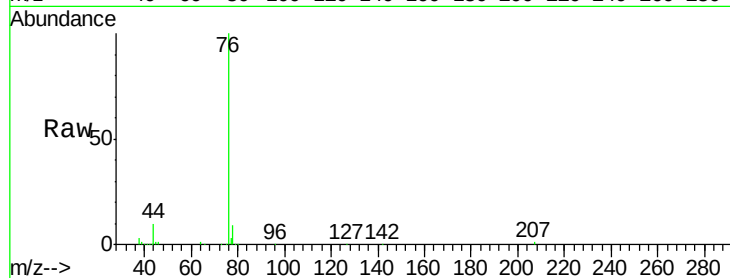




#17
Carbon Disulfide
Concen: 16.932 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY002935.D
Acq: 19 Jun 2020 13:38

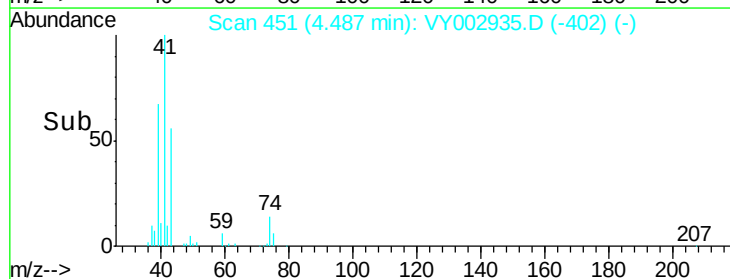
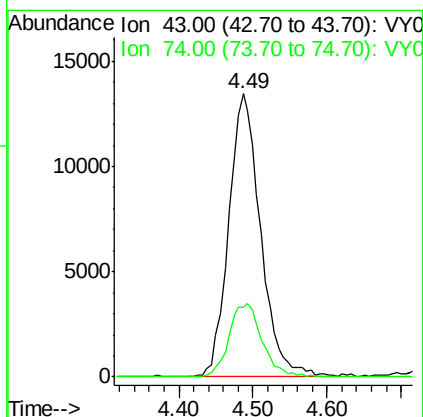
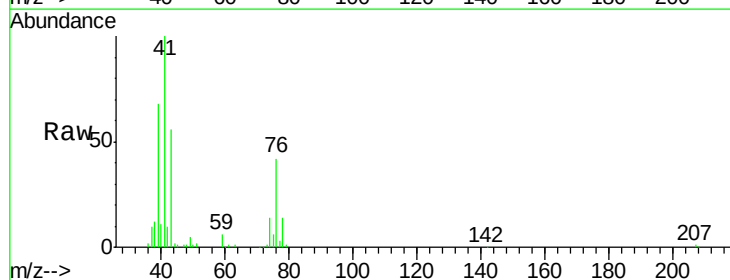
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

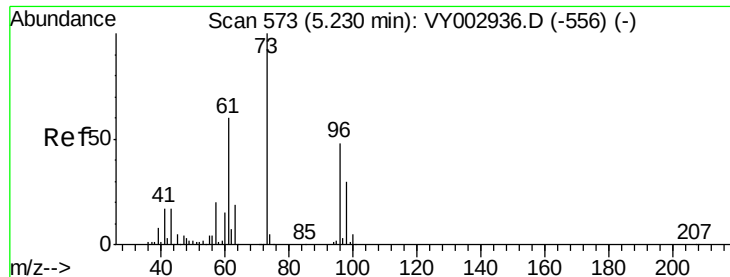
Tgt Ion: 76 Resp: 143181
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2



#18
Methyl Acetate
Concen: 17.594 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY002935.D
Acq: 19 Jun 2020 13:38

Tgt Ion: 43 Resp: 40295
Ion Ratio Lower Upper
43 100
74 26.9 21.1 31.7

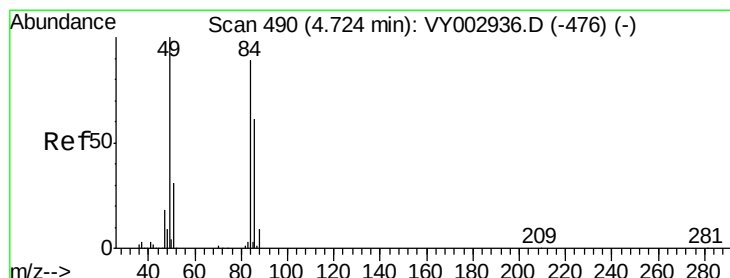
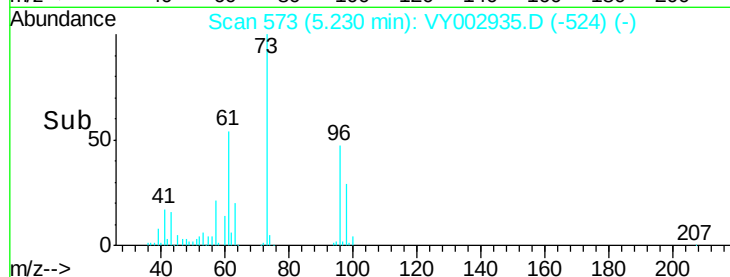
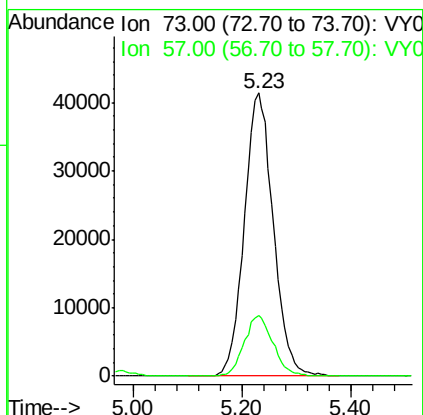
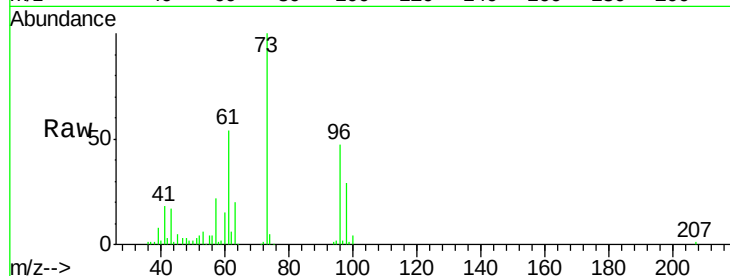




#19
Methyl tert-butyl Ether
Concen: 19.114 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.00 min
Lab File: VY002935.D
Acq: 19 Jun 2020 13:38

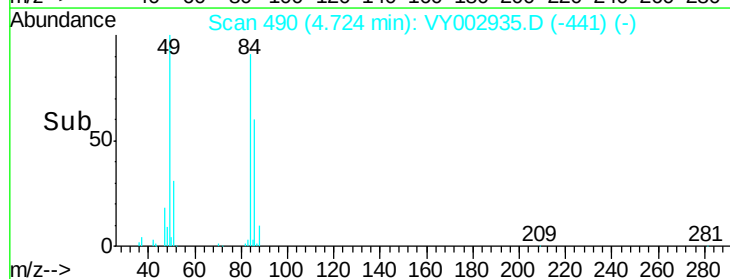
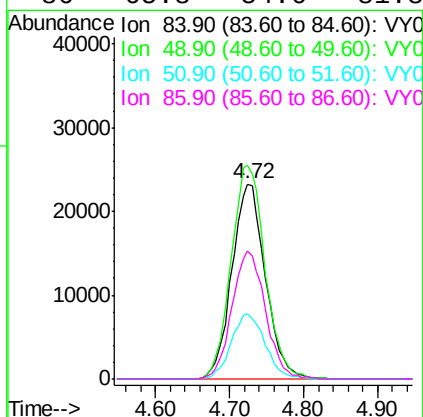
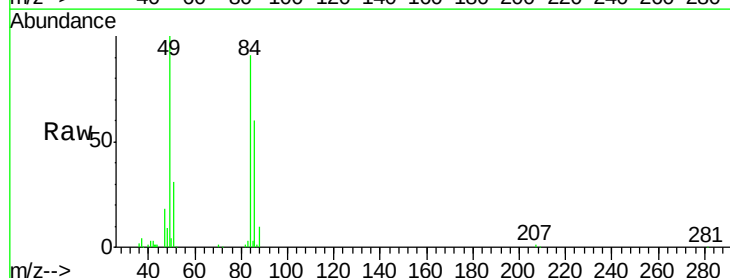
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

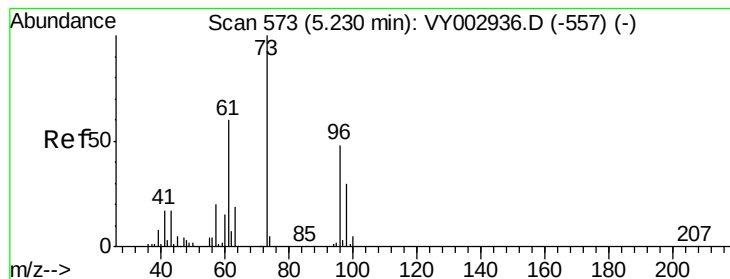
Tgt Ion: 73 Resp: 152850
Ion Ratio Lower Upper
73 100
57 21.5 16.4 24.6



#20
Methylene Chloride
Concen: 13.723 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.00 min
Lab File: VY002935.D
Acq: 19 Jun 2020 13:38

Tgt Ion: 84 Resp: 73430
Ion Ratio Lower Upper
84 100
49 109.5 90.0 135.0
51 33.6 27.9 41.9
86 65.8 54.6 81.8





#21

trans-1,2-Dichloroethene

Concen: 18.179 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.00 min

Lab File: VY002935.D

Acq: 19 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

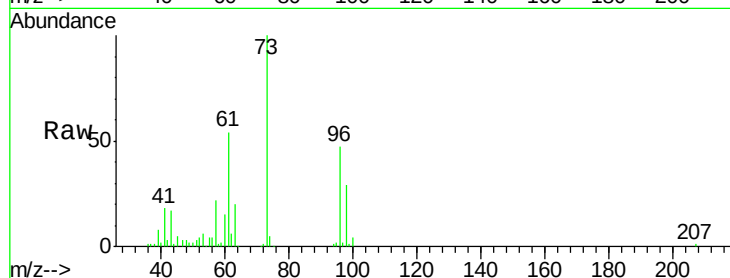
Tgt Ion: 96 Resp: 59339

Ion Ratio Lower Upper

96 100

61 115.7 100.6 150.8

98 62.9 49.8 74.8

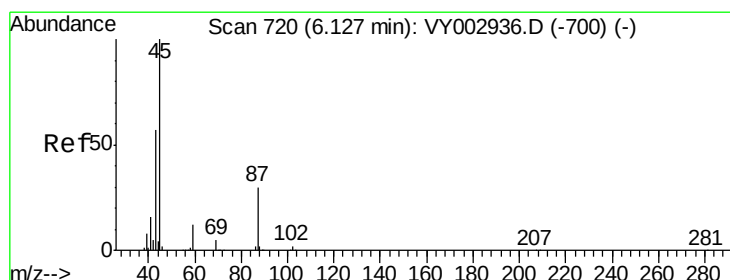
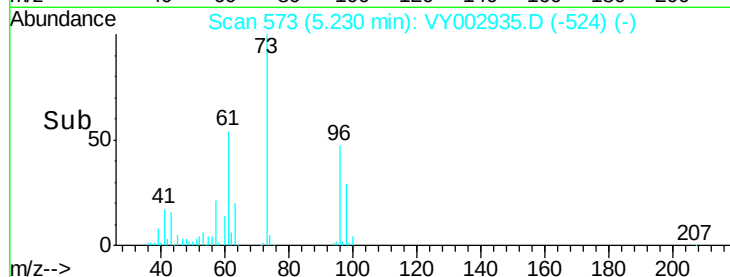
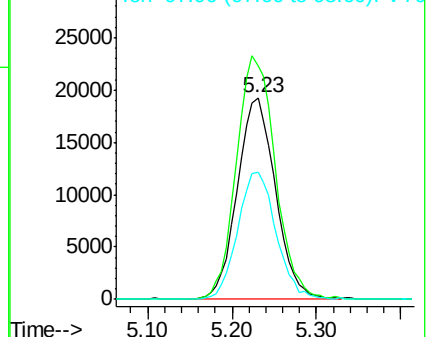


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 19.158 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY002935.D

Acq: 19 Jun 2020 13:38

Tgt Ion: 45 Resp: 167712

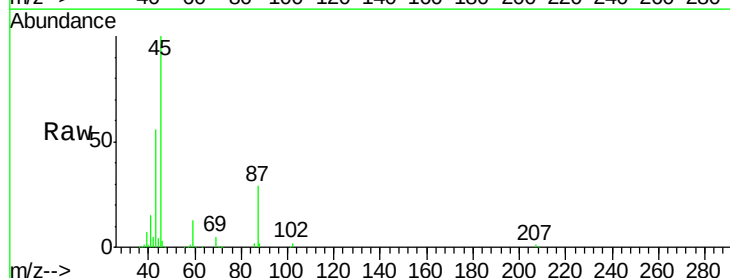
Ion Ratio Lower Upper

45 100

43 56.2 46.2 69.2

87 29.4 24.9 37.3

59 13.3 9.9 14.9



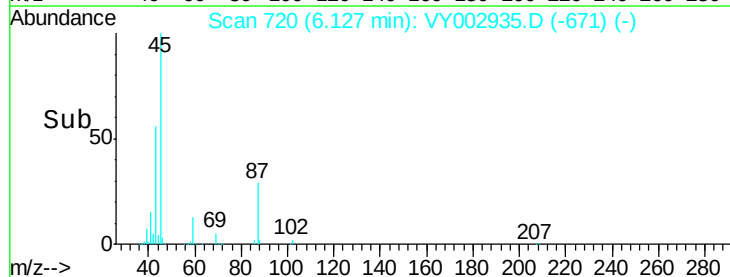
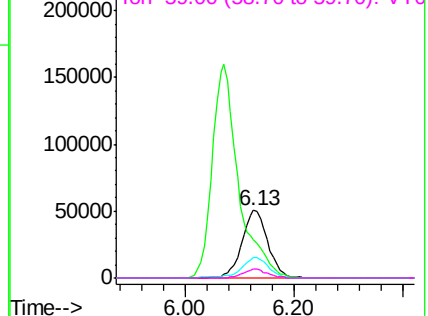
Abundance

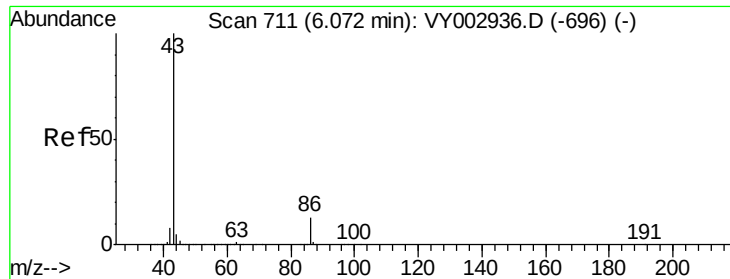
Ion 45.00 (44.70 to 45.70): VY0

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: 97.551 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY002935.D

Acq: 19 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

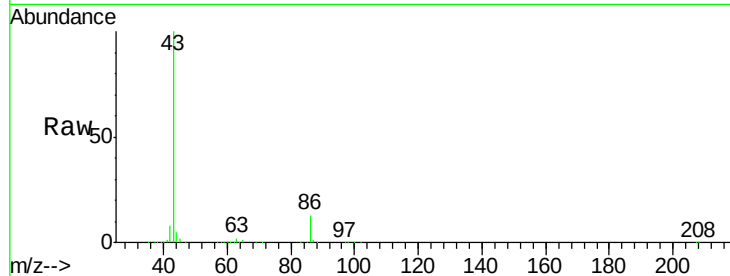
VSTDIC020

Tgt Ion: 43 Resp: 535550

Ion Ratio Lower Upper

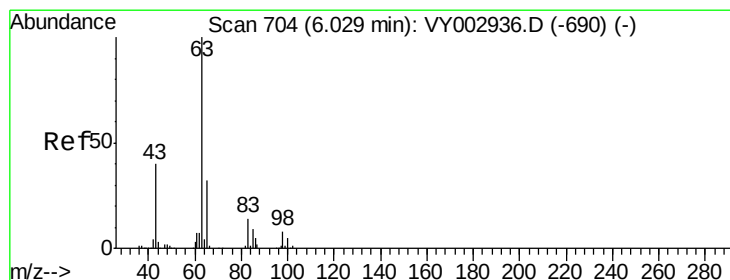
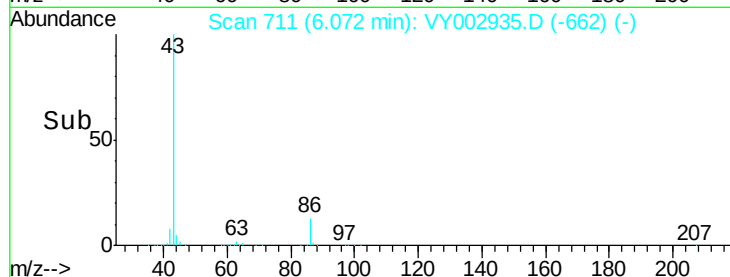
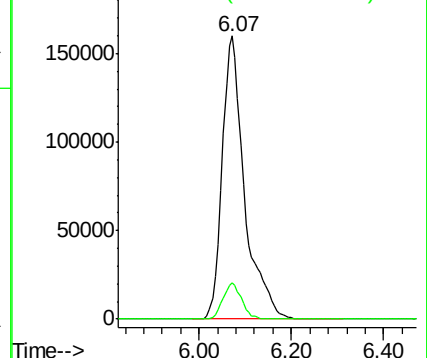
43 100

86 12.9 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 18.786 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: VY002935.D

Acq: 19 Jun 2020 13:38

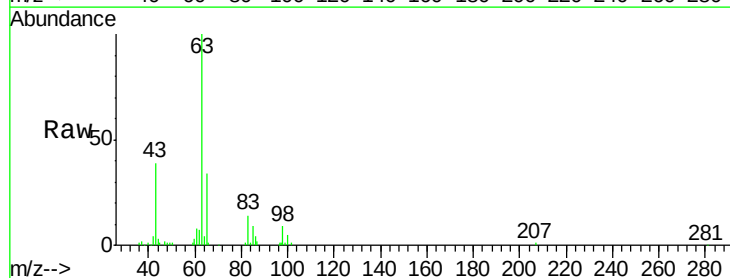
Tgt Ion: 63 Resp: 96854

Ion Ratio Lower Upper

63 100

98 8.9 4.0 12.0

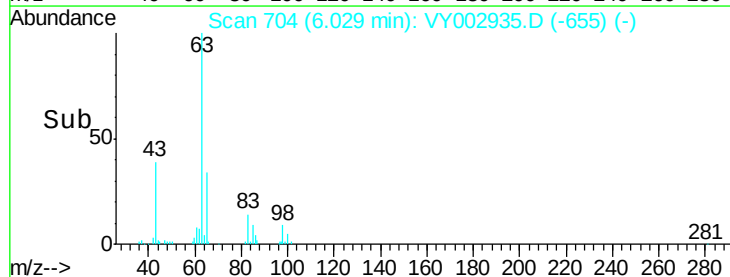
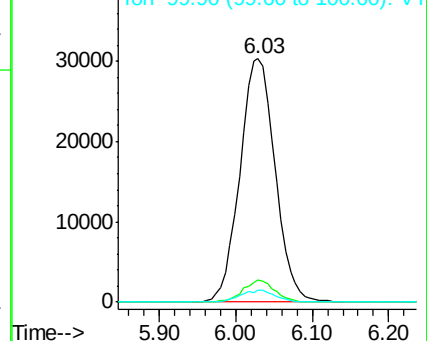
100 4.9 2.5 7.6

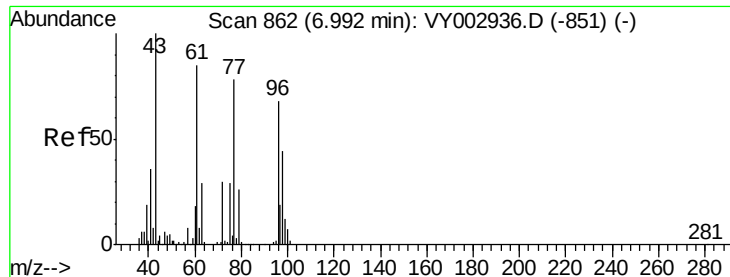


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

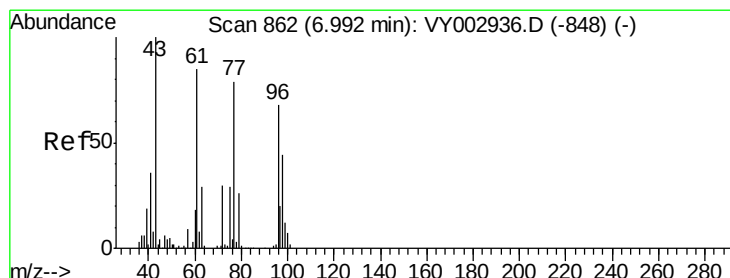
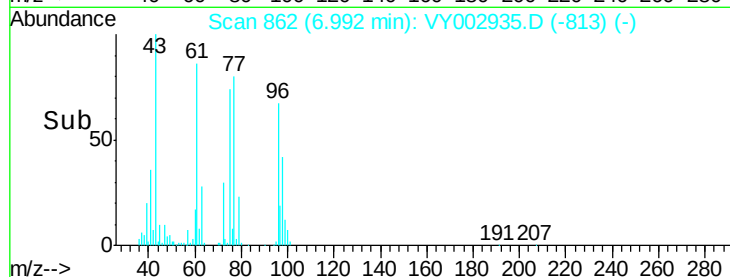
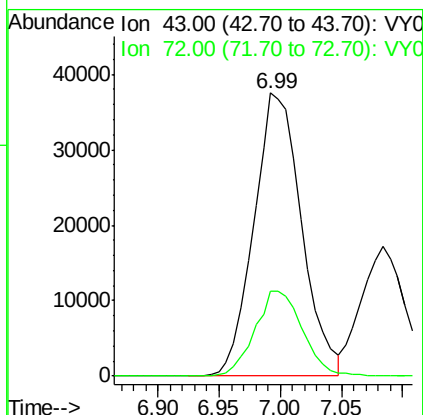
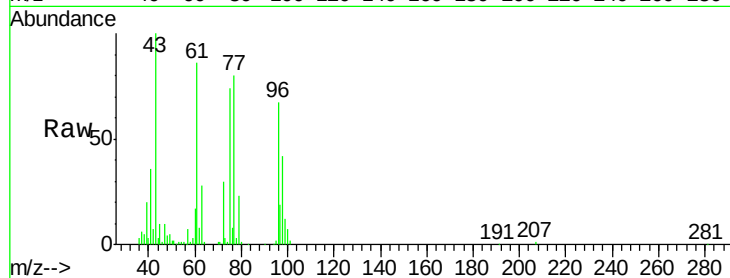




#25
2-Butanone
Concen: 93.809 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY002935.D
Acq: 19 Jun 2020 13:38

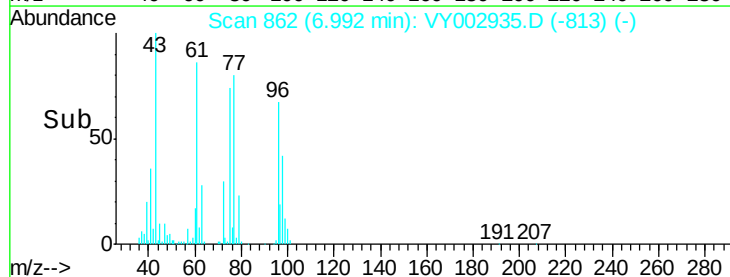
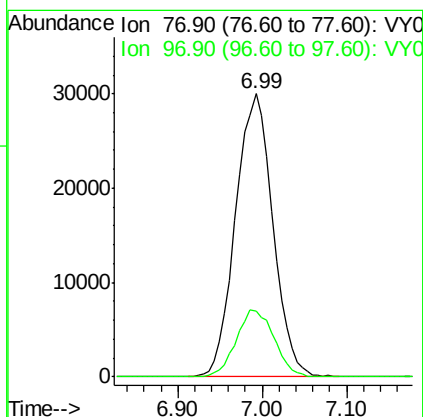
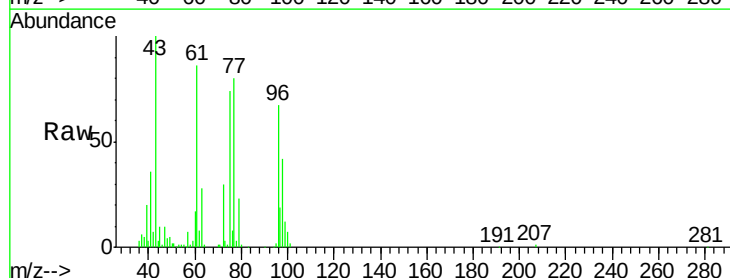
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

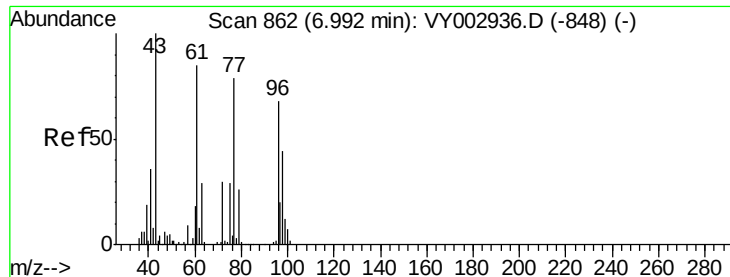
Tgt Ion: 43 Resp: 101784
Ion Ratio Lower Upper
43 100
72 29.9 24.2 36.4



#26
2,2-Dichloropropane
Concen: 18.397 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY002935.D
Acq: 19 Jun 2020 13:38

Tgt Ion: 77 Resp: 90082
Ion Ratio Lower Upper
77 100
97 24.1 12.3 36.9



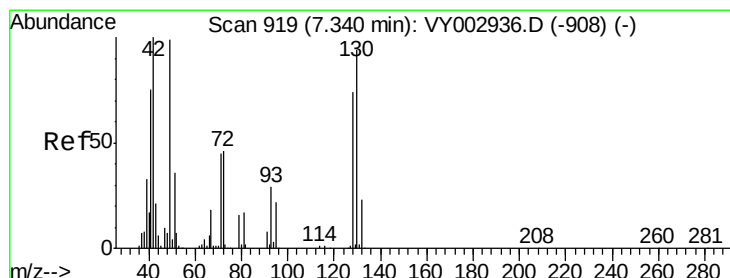
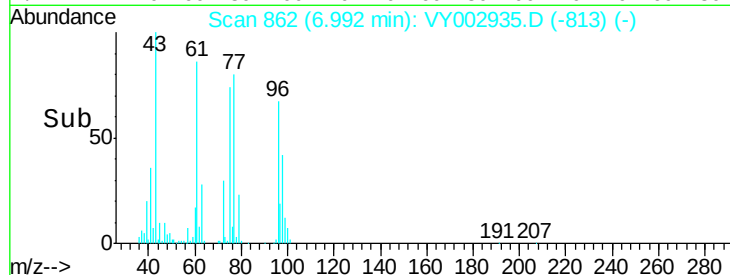
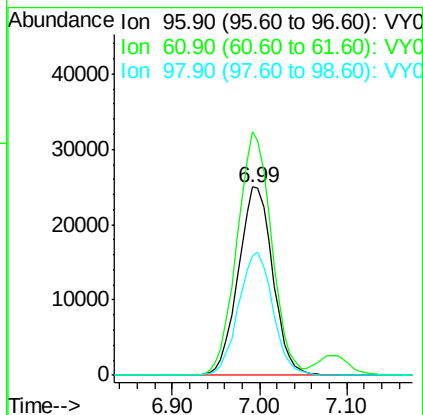
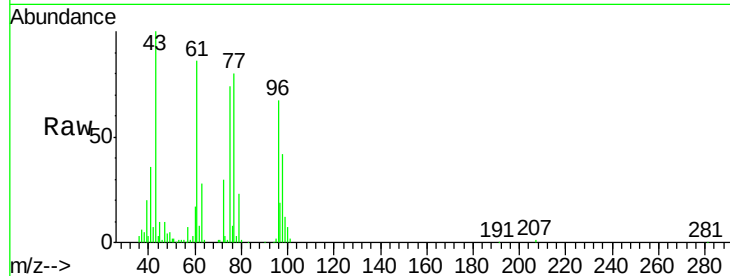


#27

cis-1,2-Dichloroethene
 Concen: 18.707 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: VY002935.D
 Acq: 19 Jun 2020 13:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

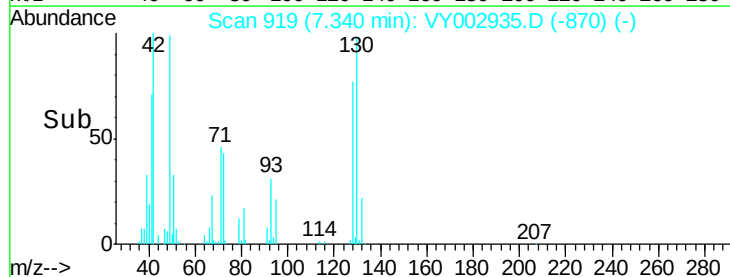
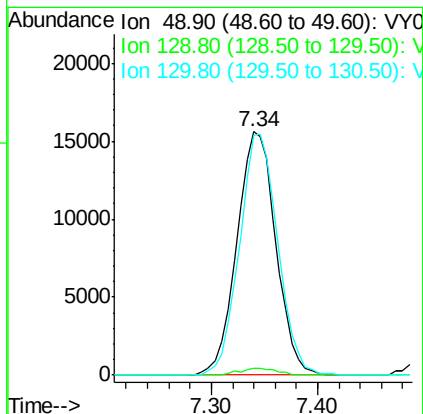
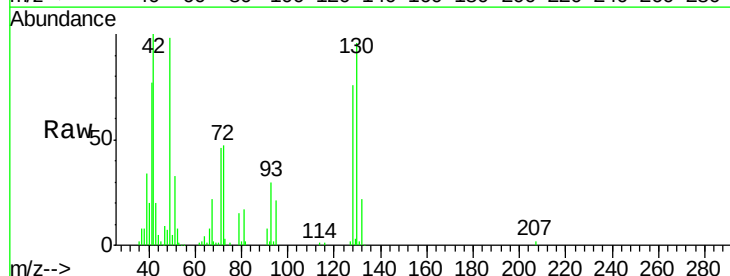
Tgt Ion: 96 Resp: 68493
 Ion Ratio Lower Upper
 96 100
 61 130.1 0.0 257.0
 98 65.0 0.0 129.8

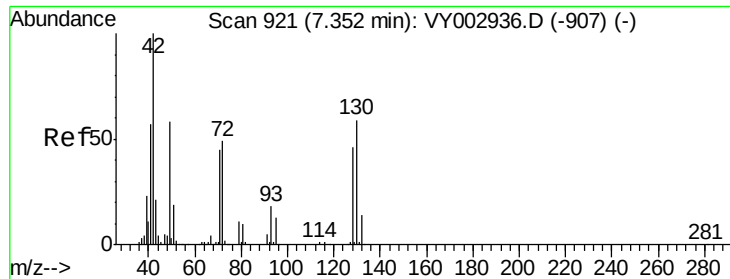


#28

Bromochloromethane
 Concen: 18.642 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VY002935.D
 Acq: 19 Jun 2020 13:38

Tgt Ion: 49 Resp: 39963
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 5.0
 130 97.7 78.4 117.6





#29

Tetrahydrofuran

Concen: 94.224 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.01 min

Lab File: VY002935.D

Acq: 19 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

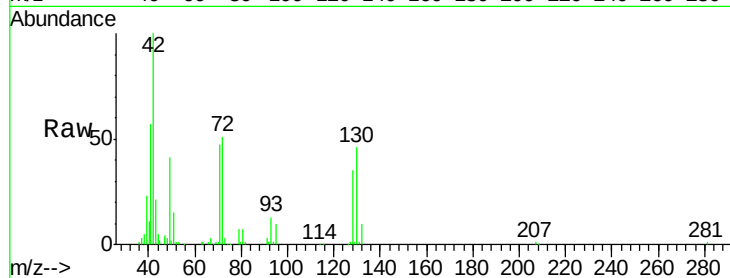
Tgt Ion: 42 Resp: 65927

Ion Ratio Lower Upper

42 100

72 49.5 39.1 58.7

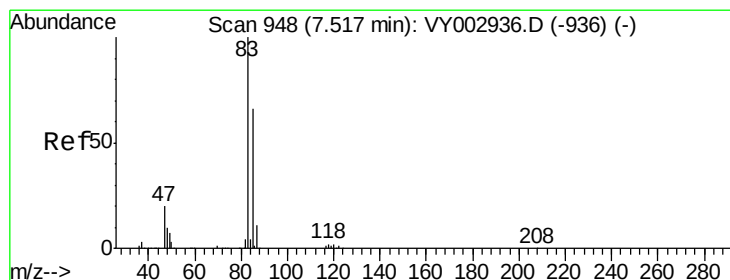
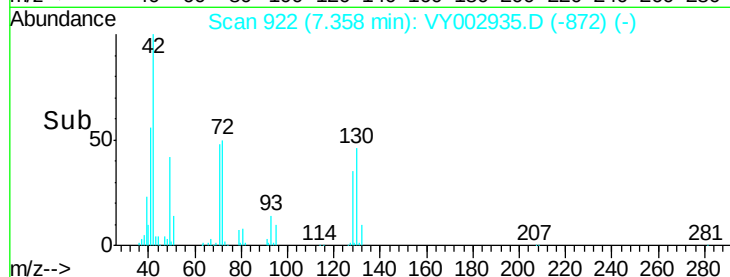
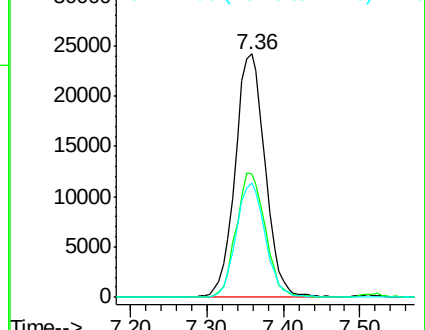
71 45.3 36.4 54.6



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 19.018 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.00 min

Lab File: VY002935.D

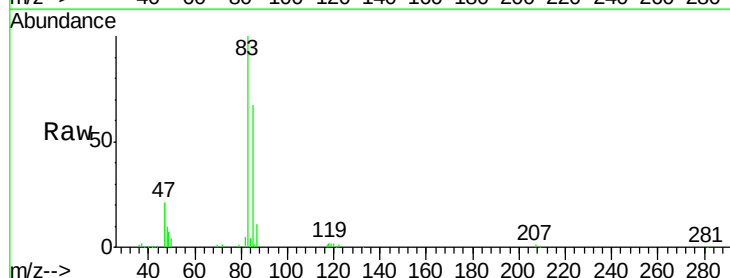
Acq: 19 Jun 2020 13:38

Tgt Ion: 83 Resp: 102763

Ion Ratio Lower Upper

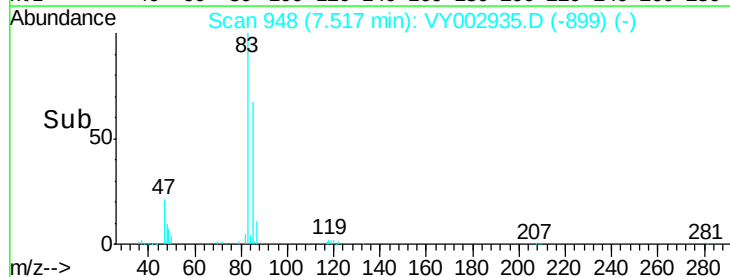
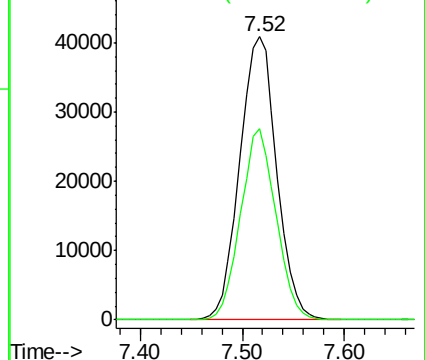
83 100

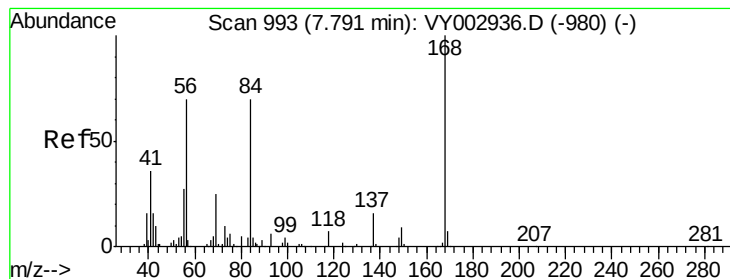
85 67.5 53.1 79.7



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 17.742 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY002935.D

Acq: 19 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

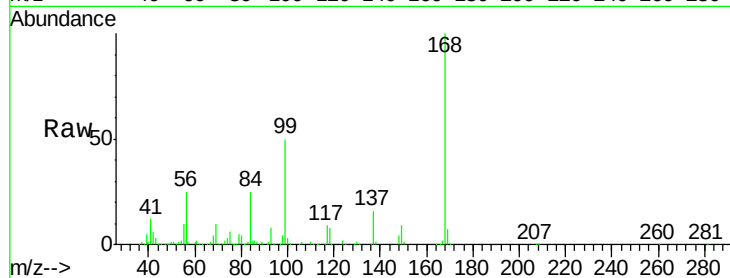
Tgt Ion: 56 Resp: 90337

Ion Ratio Lower Upper

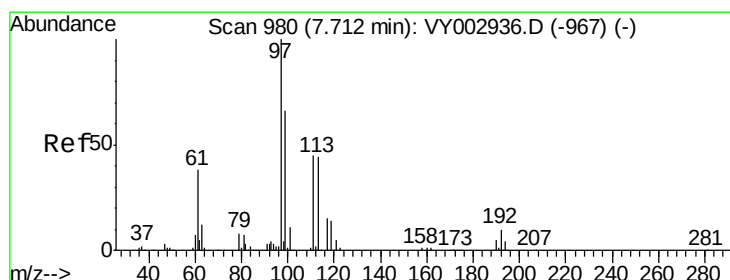
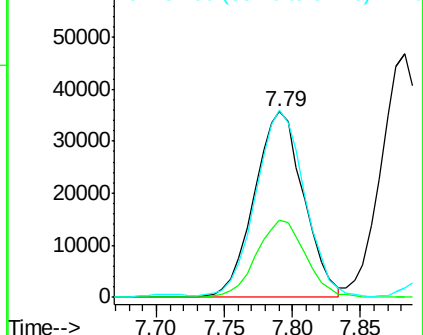
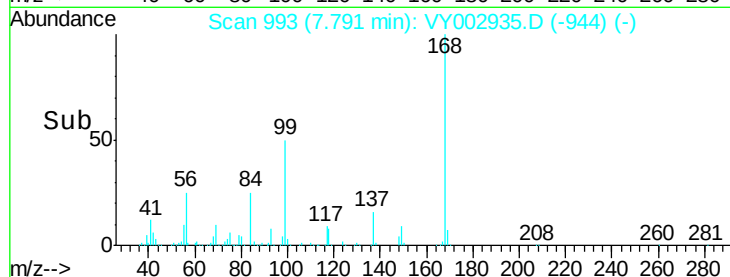
56 100

69 41.5 28.9 43.3

84 99.6 80.1 120.1



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



#32

1,1,1-Trichloroethane

Concen: 18.882 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY002935.D

Acq: 19 Jun 2020 13:38

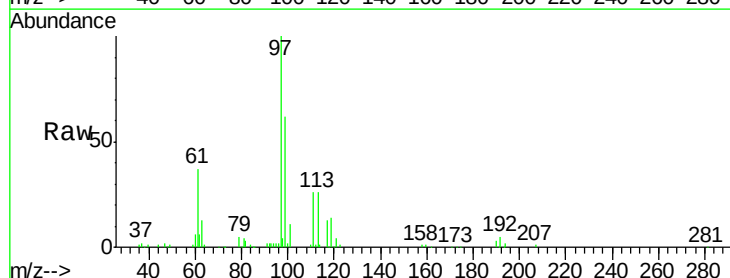
Tgt Ion: 97 Resp: 93582

Ion Ratio Lower Upper

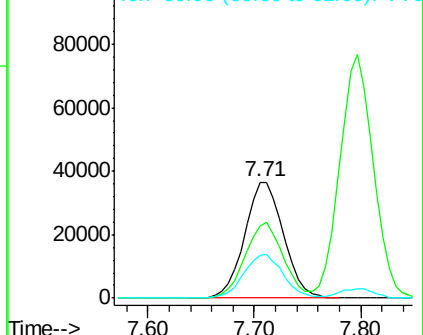
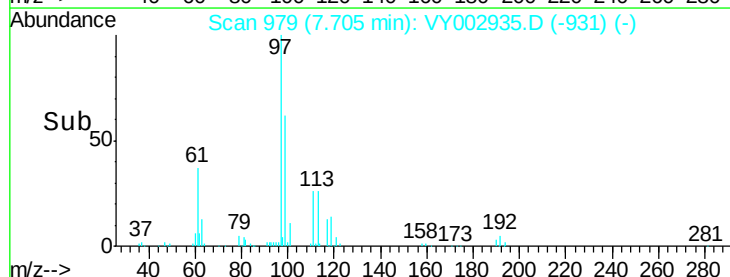
97 100

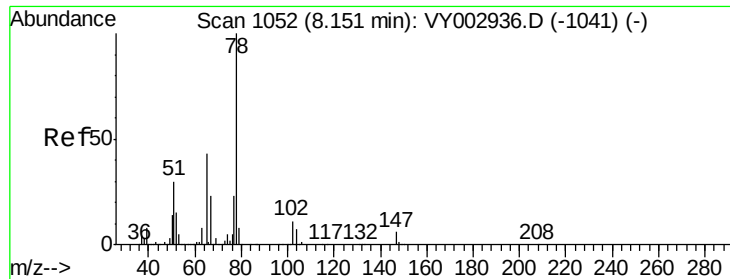
99 64.0 52.2 78.2

61 38.2 30.3 45.5



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

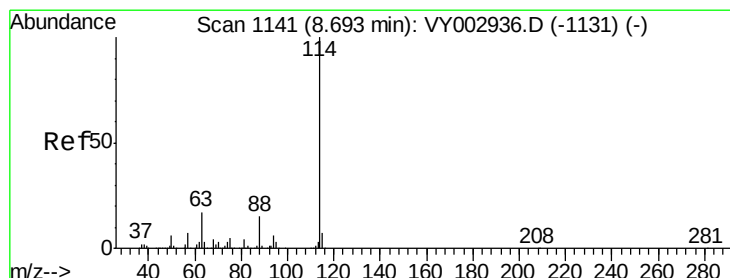
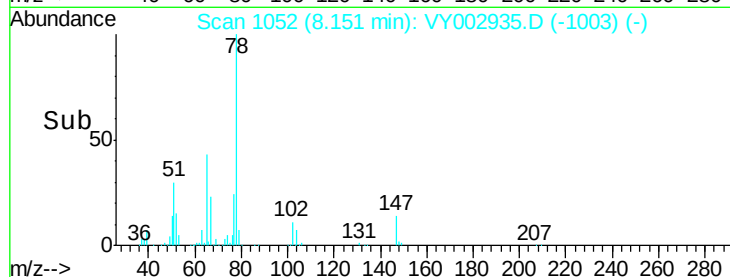
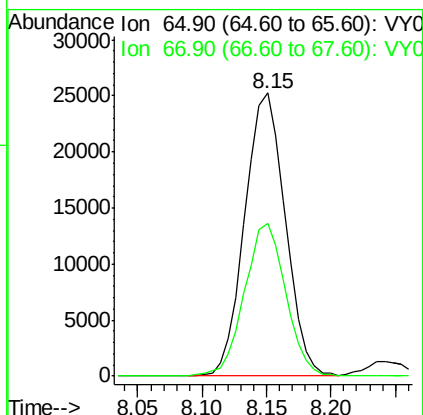
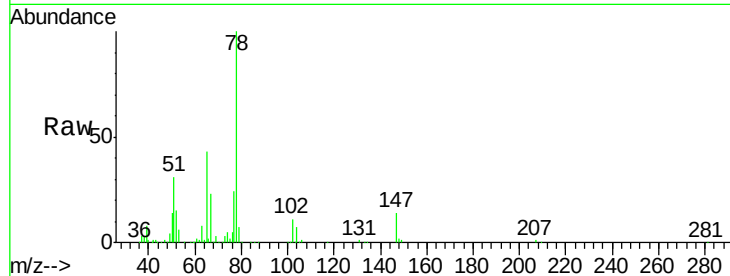




#33
 1,2-Dichloroethane-d4
 Concen: 18.652 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY002935.D
 Acq: 19 Jun 2020 13:38

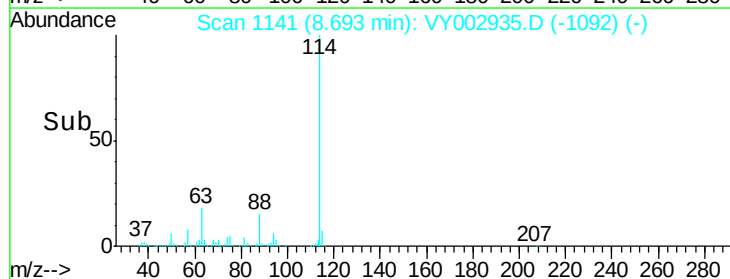
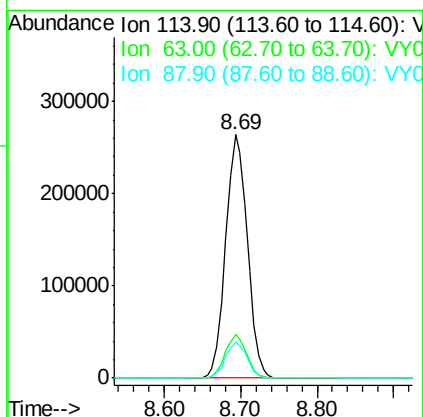
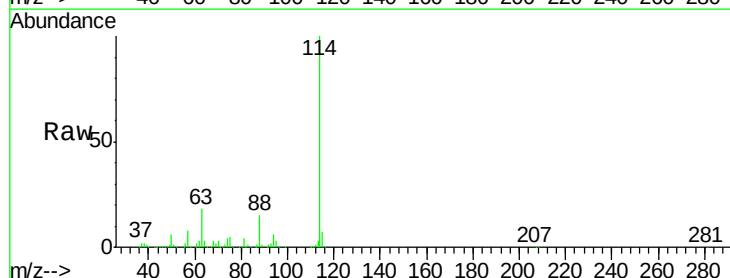
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

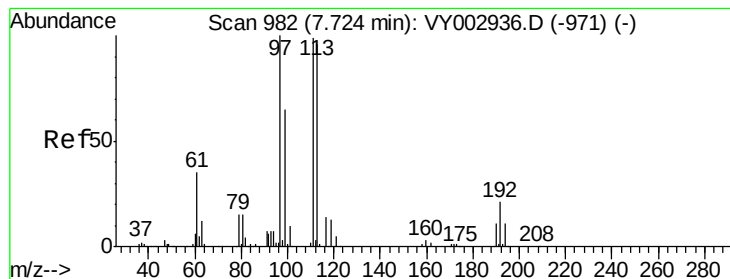
Tgt Ion: 65 Resp: 54984
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY002935.D
 Acq: 19 Jun 2020 13:38

Tgt Ion: 114 Resp: 517135
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 34.6
 88 14.7 0.0 29.2





#35

Dibromofluoromethane

Concen: 18.939 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY002935.D

Acq: 19 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

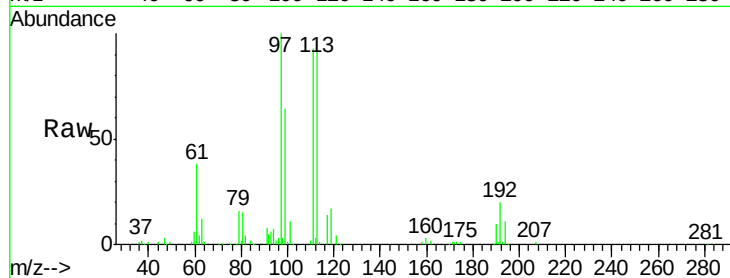
Tgt Ion:113 Resp: 56057

Ion Ratio Lower Upper

113 100

111 101.9 81.5 122.3

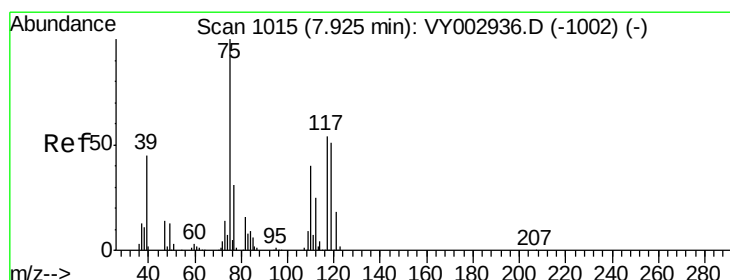
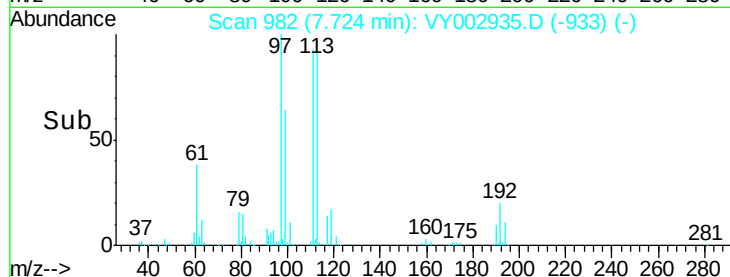
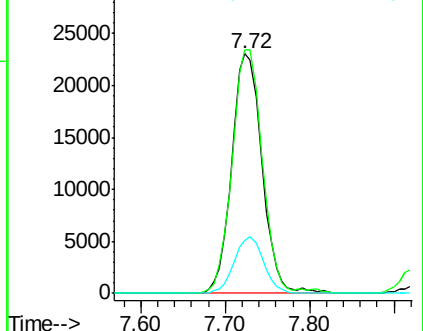
192 22.8 19.2 28.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.541 ug/l

RT: 7.92 min Scan# 1015

Delta R.T. -0.00 min

Lab File: VY002935.D

Acq: 19 Jun 2020 13:38

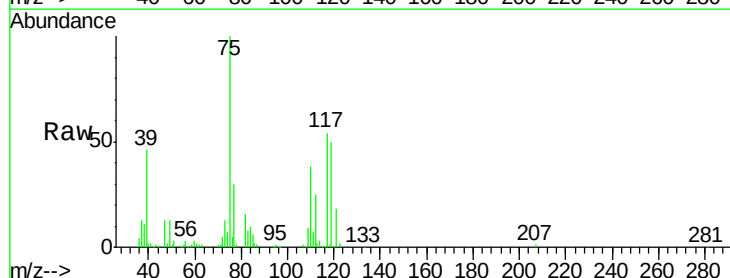
Tgt Ion: 75 Resp: 77695

Ion Ratio Lower Upper

75 100

110 38.7 19.7 59.0

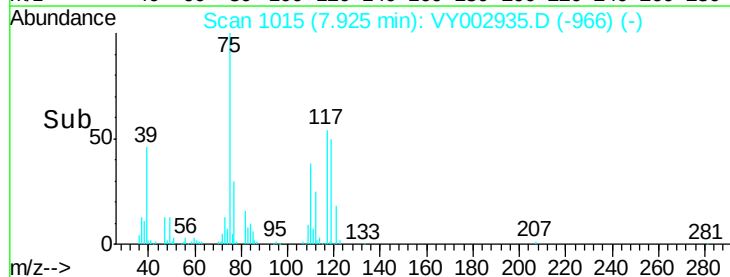
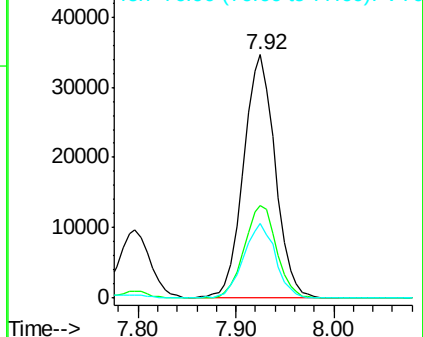
77 31.0 25.0 37.4

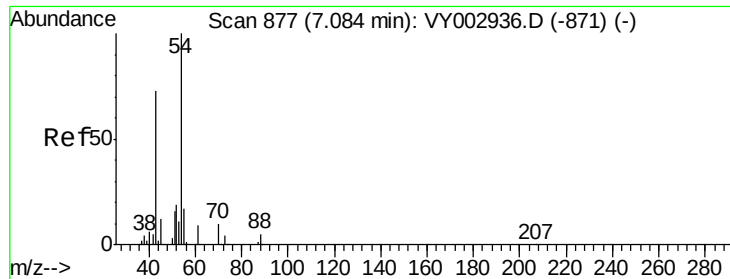


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

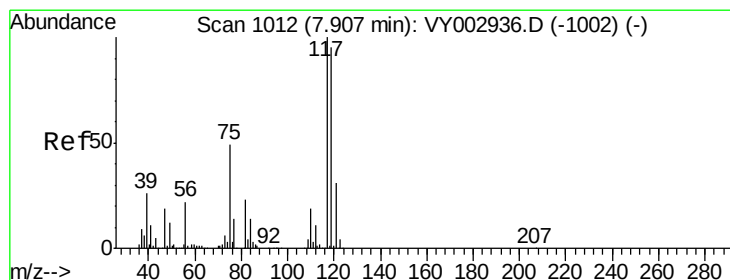
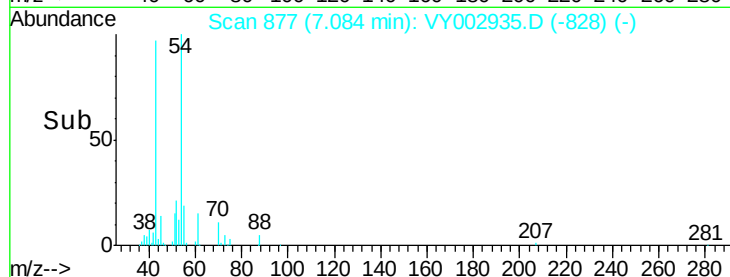
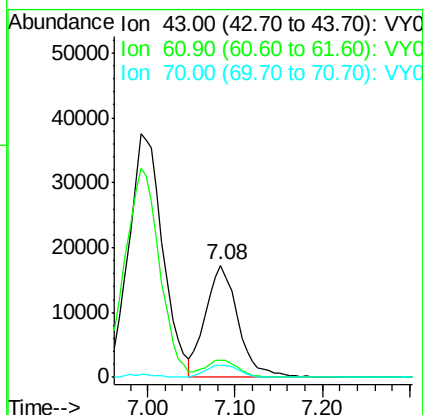
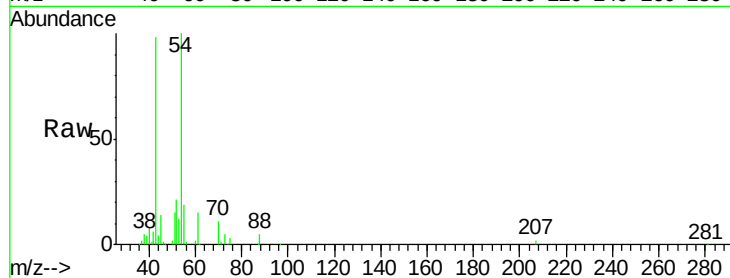




#37
Ethyl Acetate
Concen: 18.911 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.00 min
Lab File: VY002935.D
Acq: 19 Jun 2020 13:38

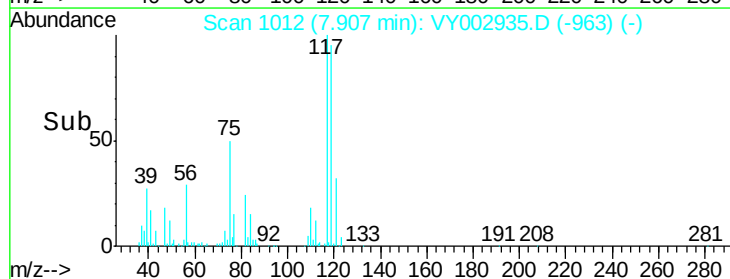
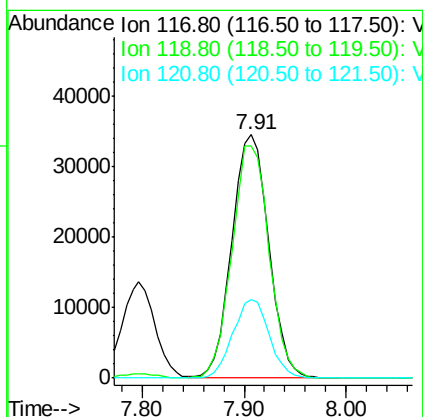
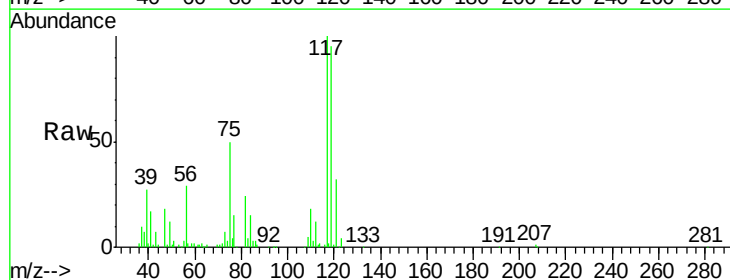
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

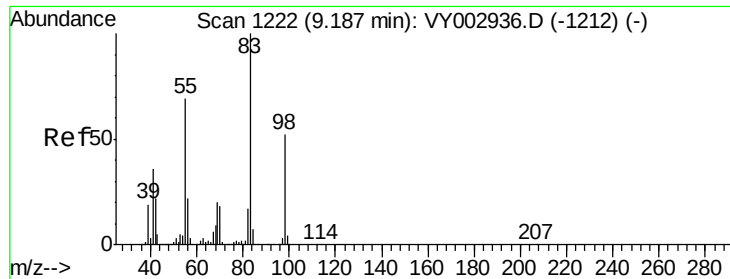
Tgt Ion: 43 Resp: 44552
Ion Ratio Lower Upper
43 100
61 15.5 12.3 18.5
70 11.3 9.7 14.5



#38
Carbon Tetrachloride
Concen: 18.864 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY002935.D
Acq: 19 Jun 2020 13:38

Tgt Ion: 117 Resp: 86870
Ion Ratio Lower Upper
117 100
119 95.2 76.1 114.1
121 32.4 24.8 37.2

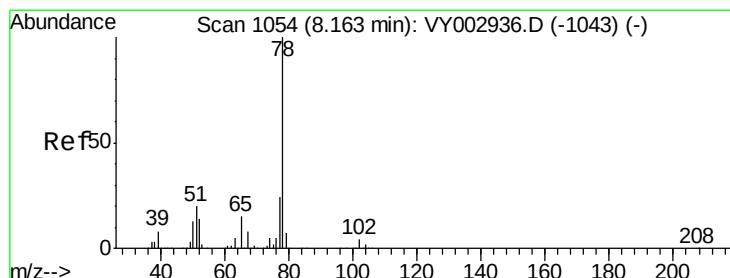
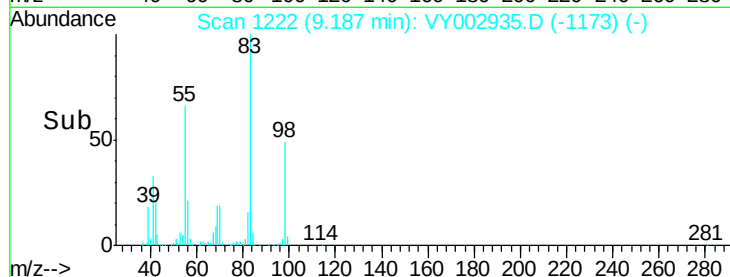
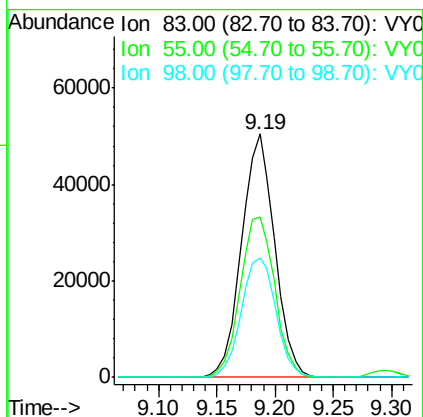
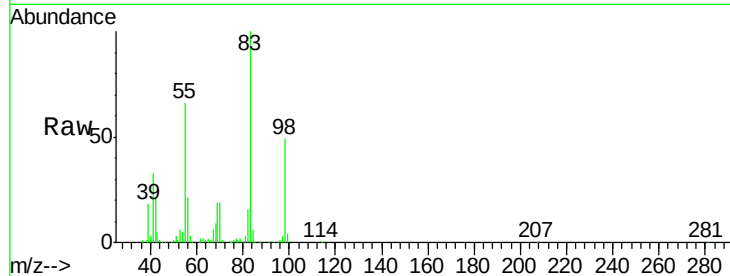




#39
Methylcyclohexane
Concen: 18.283 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY002935.D
Acq: 19 Jun 2020 13:38

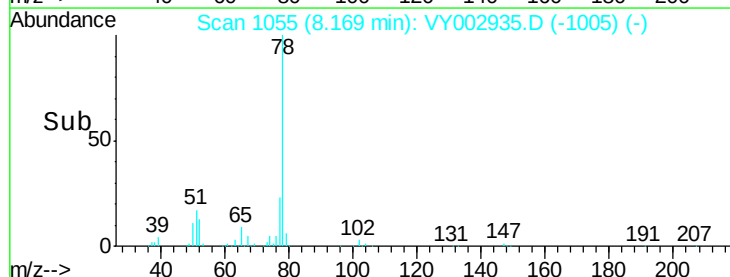
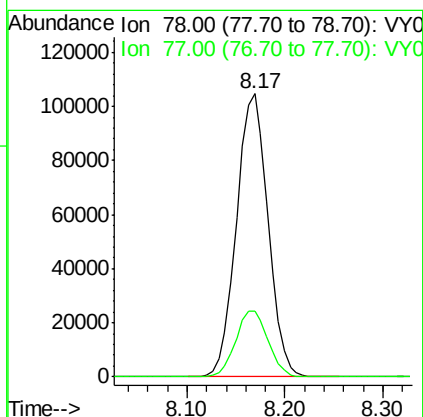
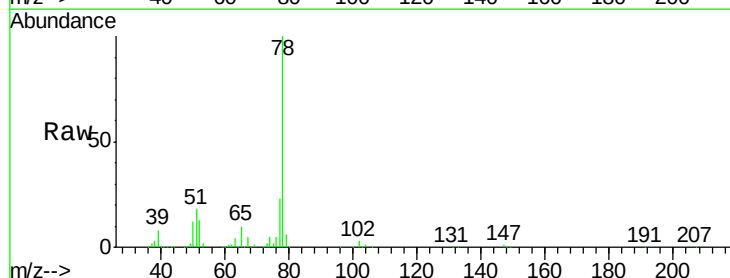
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

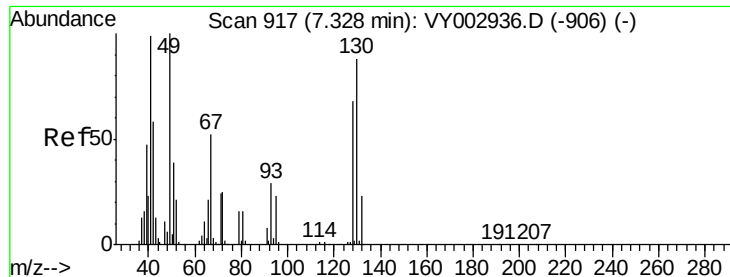
Tgt Ion: 83 Resp: 99879
Ion Ratio Lower Upper
83 100
55 65.9 55.0 82.4
98 49.0 41.4 62.2



#40
Benzene
Concen: 18.689 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VY002935.D
Acq: 19 Jun 2020 13:38

Tgt Ion: 78 Resp: 234086
Ion Ratio Lower Upper
78 100
77 23.1 19.3 28.9

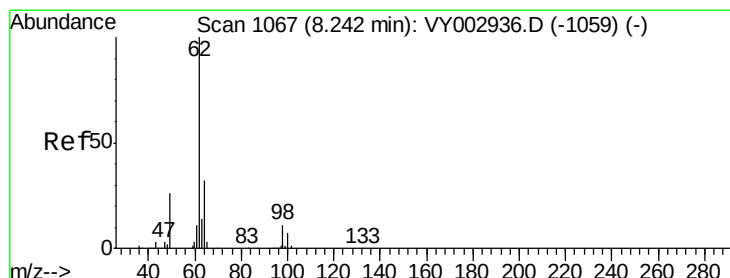
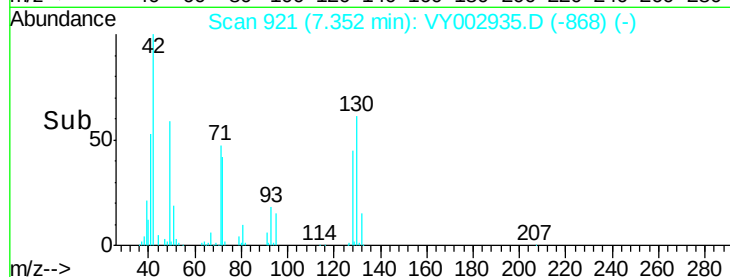
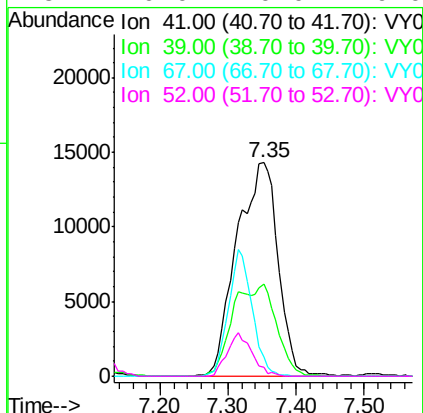
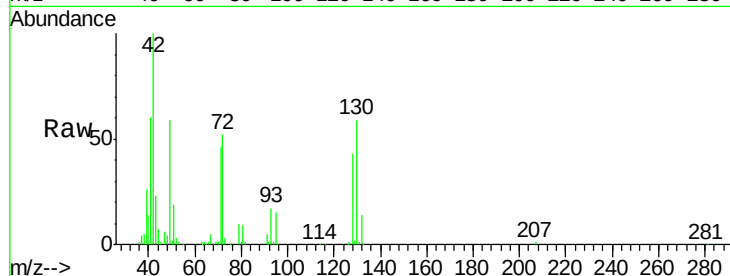




#41
Methacrylonitrile
Concen: 28.371 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY002935.D
Acq: 19 Jun 2020 13:38

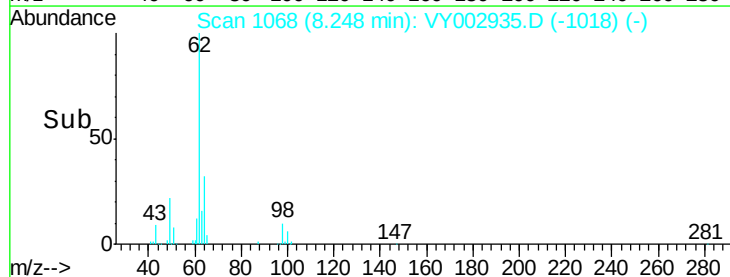
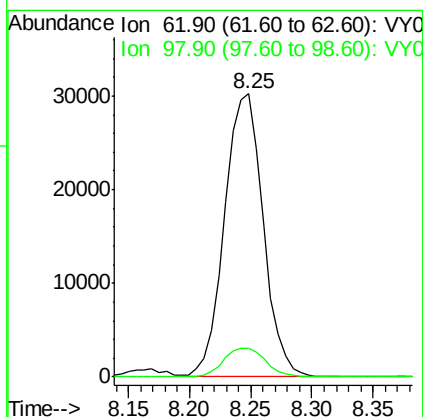
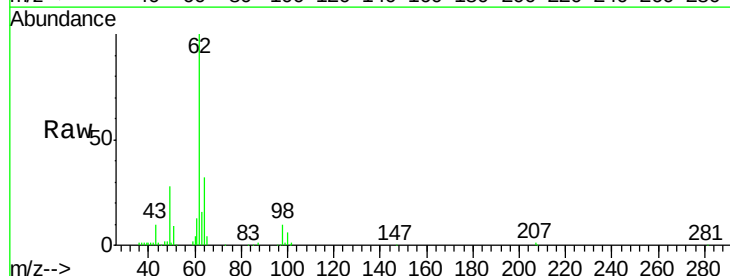
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

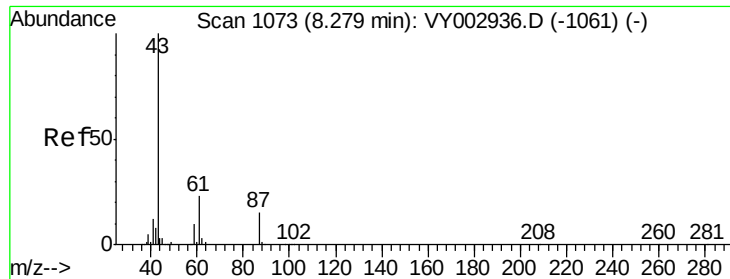
Tgt Ion:	41	Resp:	60445
Ion	Ratio	Lower	Upper
41	100		
39	0.0	96.6	144.8#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 18.978 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. 0.01 min
Lab File: VY002935.D
Acq: 19 Jun 2020 13:38

Tgt Ion:	62	Resp:	66106
Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	22.6





#43

Isopropyl Acetate

Concen: 19.076 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VY002935.D

Acq: 19 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

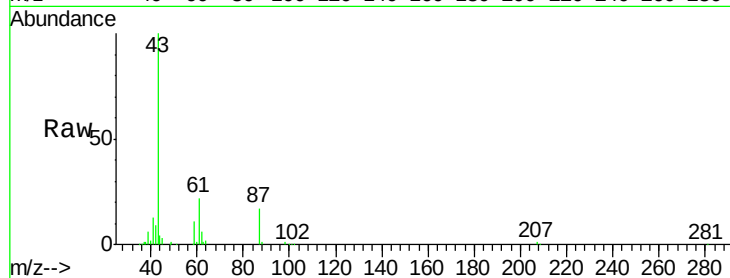
Tgt Ion: 43 Resp: 82329

Ion Ratio Lower Upper

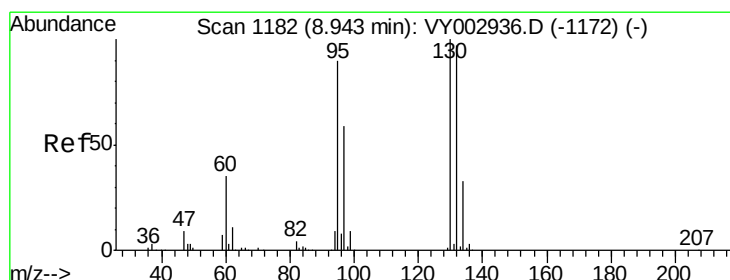
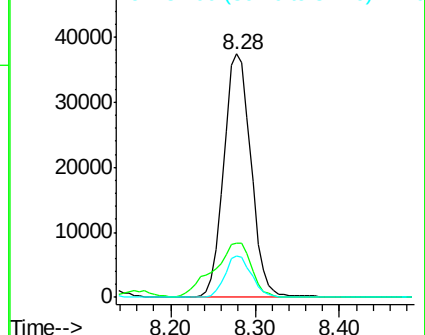
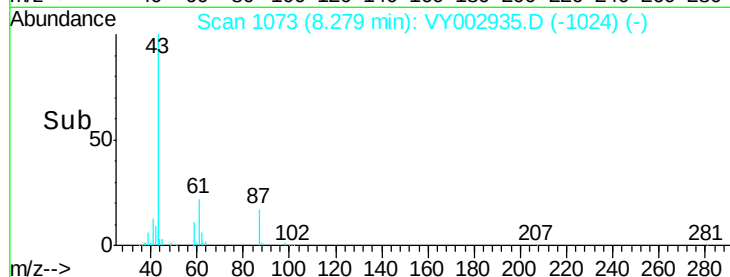
43 100

61 31.4 25.0 37.4

87 16.6 12.6 18.8



Abundance Ion 43.00 (42.70 to 43.70): VY002935.D (-1024) (-)



#44

Trichloroethene

Concen: 18.700 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY002935.D

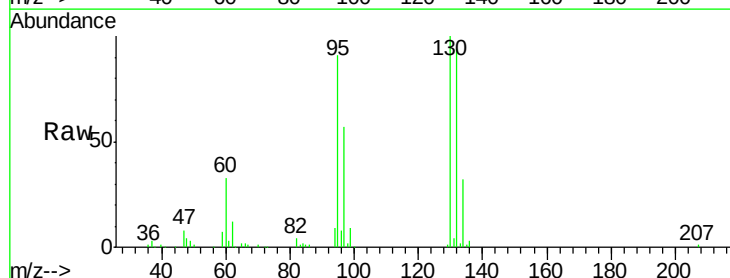
Acq: 19 Jun 2020 13:38

Tgt Ion: 130 Resp: 72783

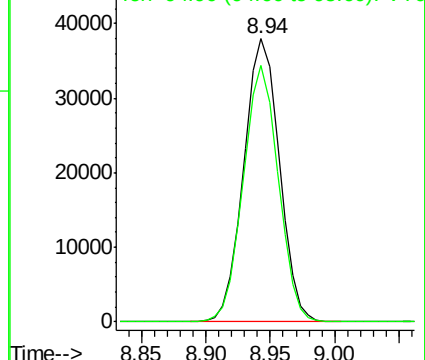
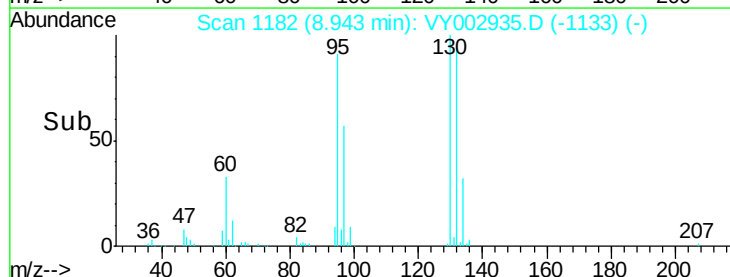
Ion Ratio Lower Upper

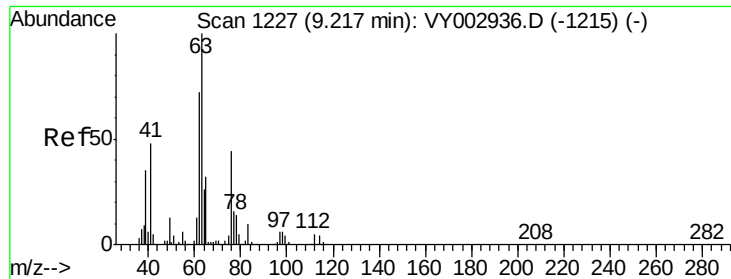
130 100

95 90.7 0.0 179.6



Abundance Ion 129.80 (129.50 to 130.50): VY002935.D (-1133) (-)

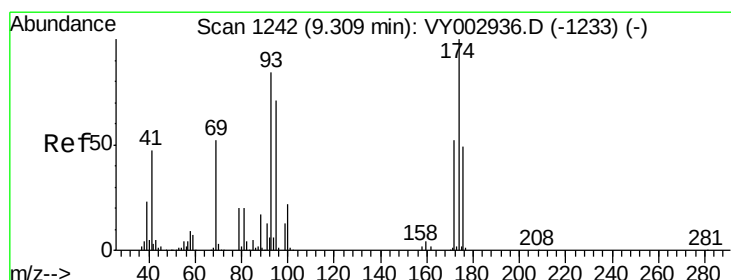
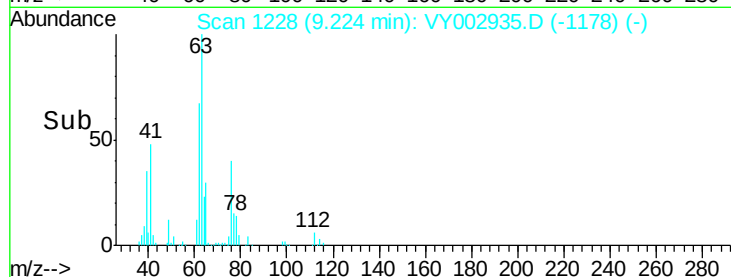
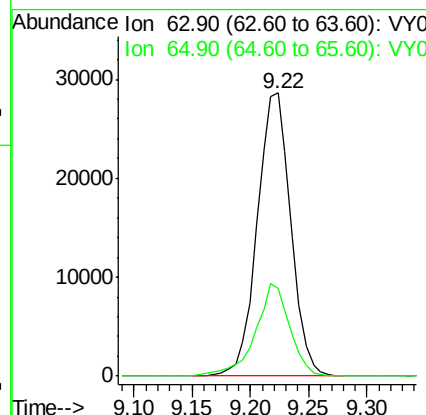
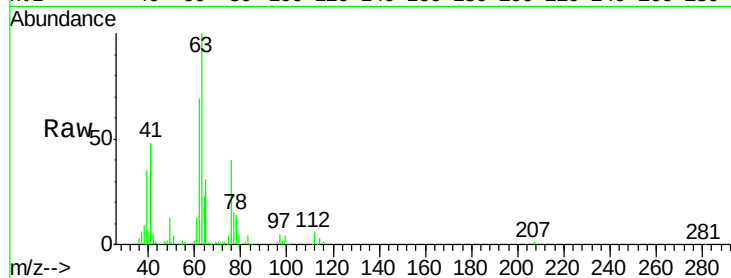




#45
 1,2-Dichloropropane
 Concen: 19.000 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.01 min
 Lab File: VY002935.D
 Acq: 19 Jun 2020 13:38

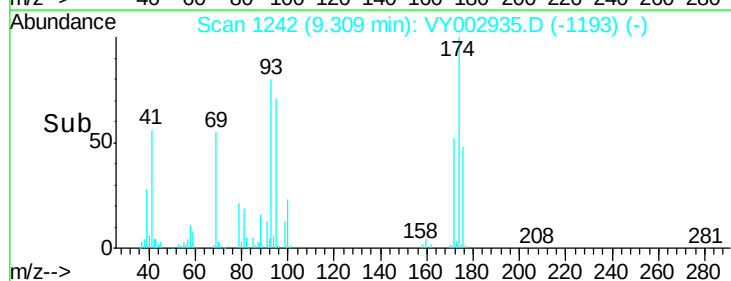
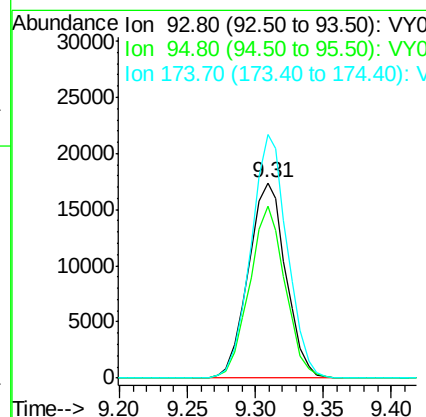
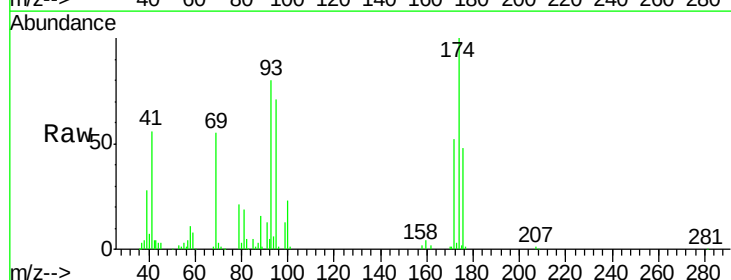
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

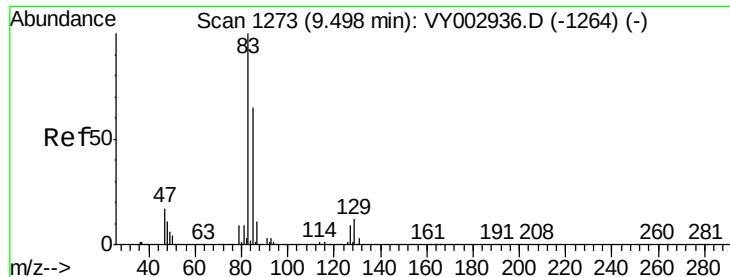
Tgt Ion: 63 Resp: 57388
 Ion Ratio Lower Upper
 63 100
 65 30.9 25.5 38.3



#46
 Dibromomethane
 Concen: 18.615 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY002935.D
 Acq: 19 Jun 2020 13:38

Tgt Ion: 93 Resp: 33563
 Ion Ratio Lower Upper
 93 100
 95 83.8 66.4 99.6
 174 120.8 95.1 142.7





#47

Bromodichloromethane

Concen: 19.129 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY002935.D

Acq: 19 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

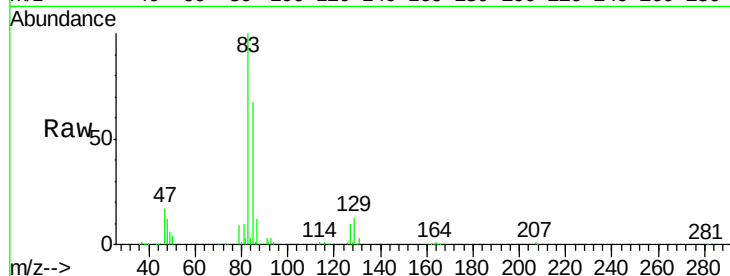
Tgt Ion: 83 Resp: 79775

Ion Ratio Lower Upper

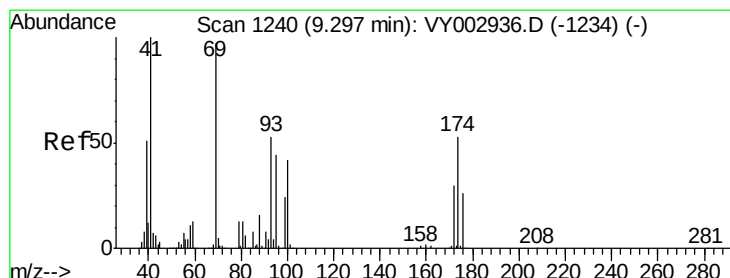
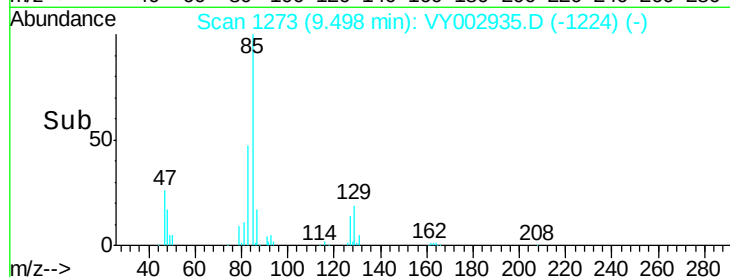
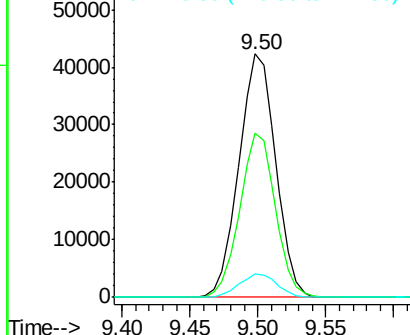
83 100

85 67.4 51.9 77.9

127 9.6 7.4 11.0



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



#48

Methyl methacrylate

Concen: 19.308 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY002935.D

Acq: 19 Jun 2020 13:38

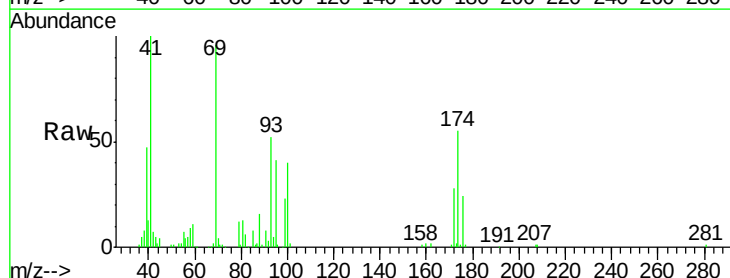
Tgt Ion: 41 Resp: 37064

Ion Ratio Lower Upper

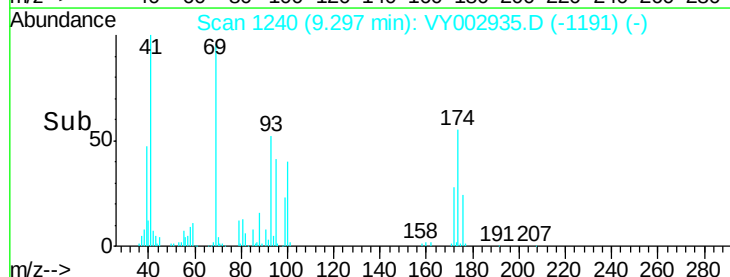
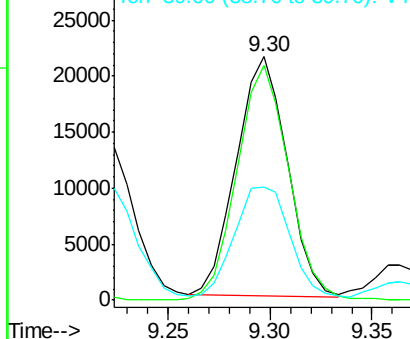
41 100

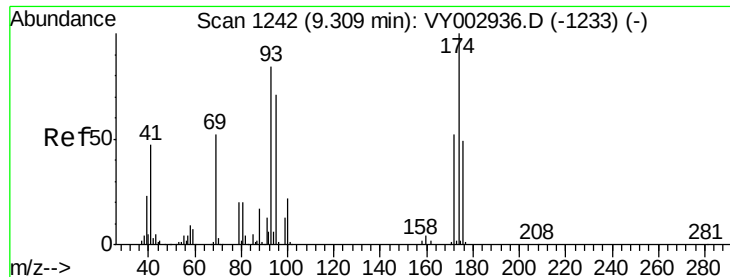
69 99.3 79.4 119.0

39 53.4 41.1 61.7



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0





#49

1,4-Dioxane

Concen: 398.036 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VY002935.D

Acq: 19 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

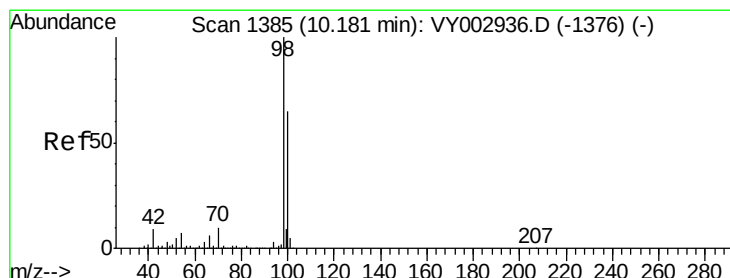
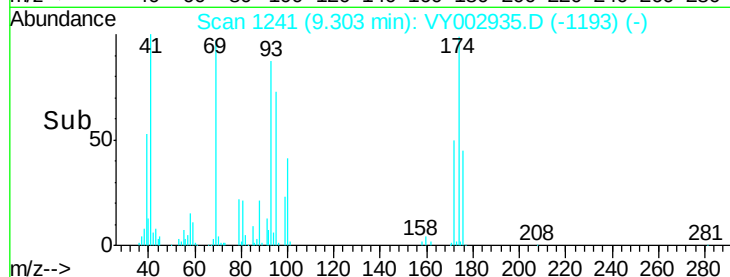
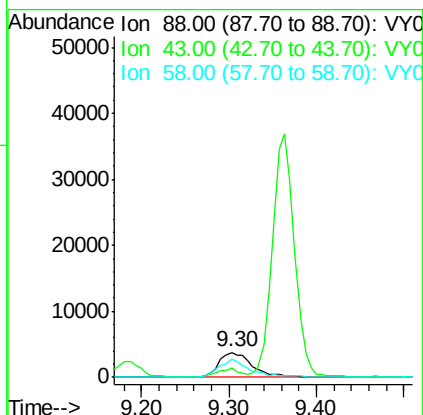
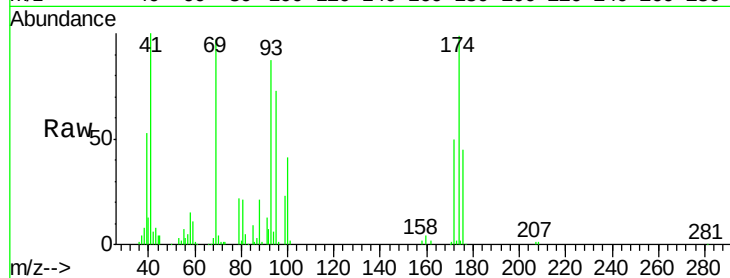
Tgt Ion: 88 Resp: 10368

Ion Ratio Lower Upper

88 100

43 24.3 21.0 31.6

58 66.6 51.5 77.3



#50

Toluene-d8

Concen: 18.977 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY002935.D

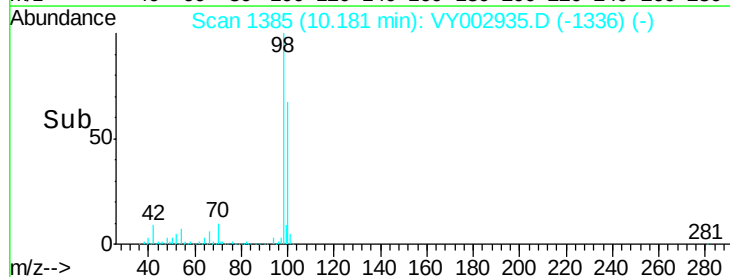
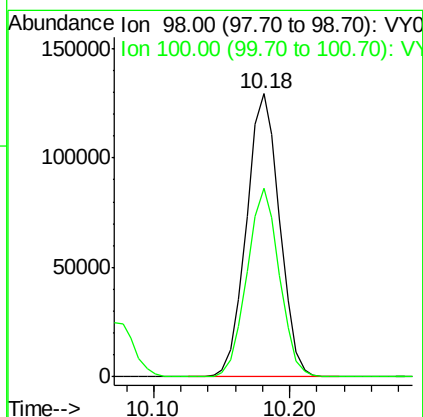
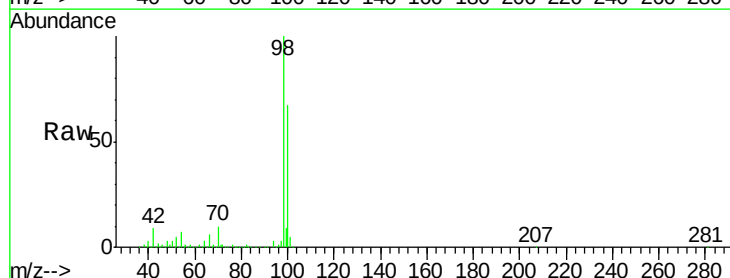
Acq: 19 Jun 2020 13:38

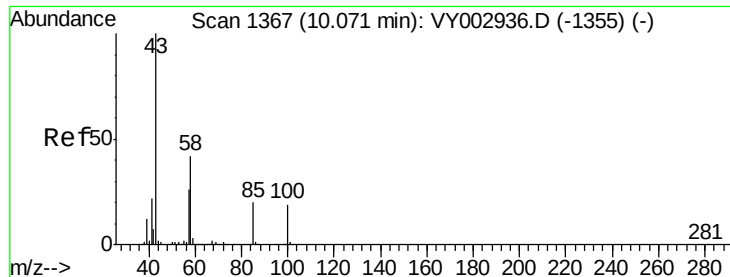
Tgt Ion: 98 Resp: 220503

Ion Ratio Lower Upper

98 100

100 65.2 51.9 77.9

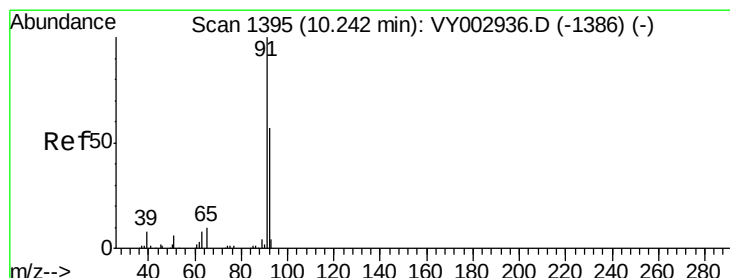
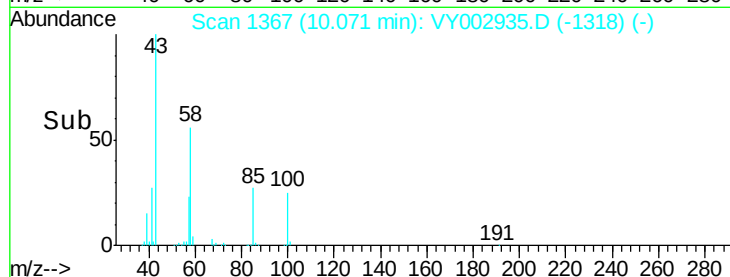
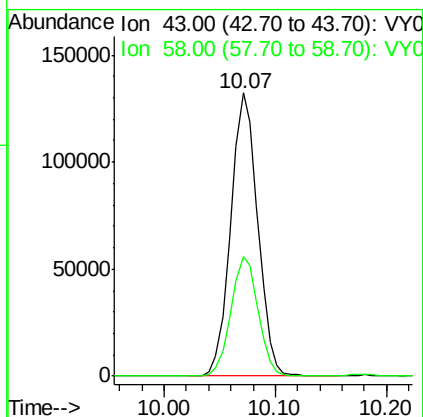
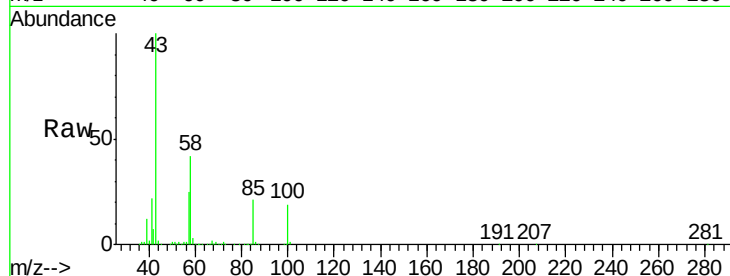




#51
4-Methyl-2-Pentanone
Concen: 95.957 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY002935.D
Acq: 19 Jun 2020 13:38

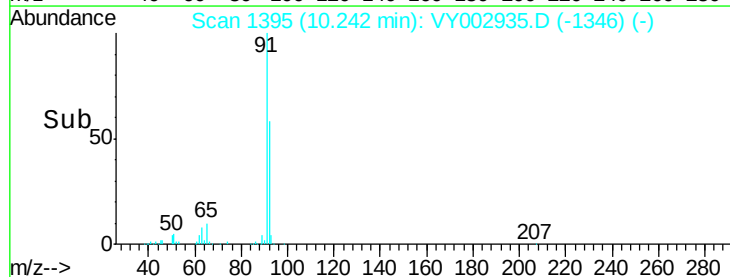
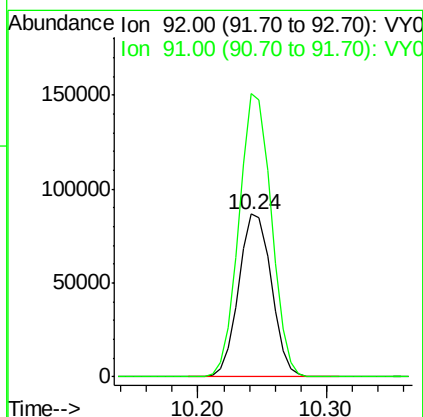
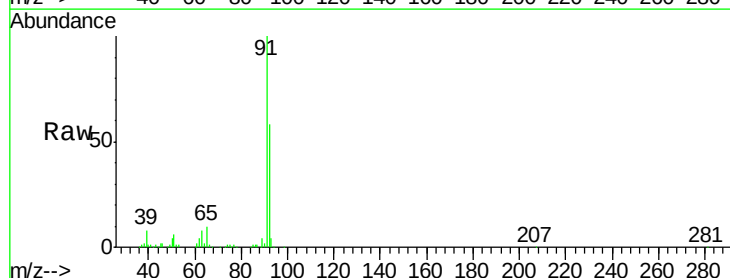
Instrument :
MSVOA_Y
ClientSampled :
VSTDIC020

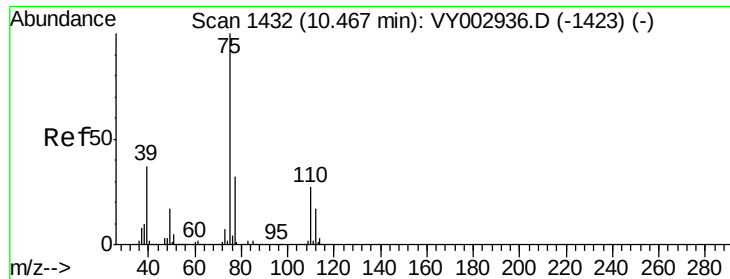
Tgt Ion: 43 Resp: 221222
Ion Ratio Lower Upper
43 100
58 42.7 33.9 50.9



#52
Toluene
Concen: 18.870 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.00 min
Lab File: VY002935.D
Acq: 19 Jun 2020 13:38

Tgt Ion: 92 Resp: 152781
Ion Ratio Lower Upper
92 100
91 171.9 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 19.137 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY002935.D

Acq: 19 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

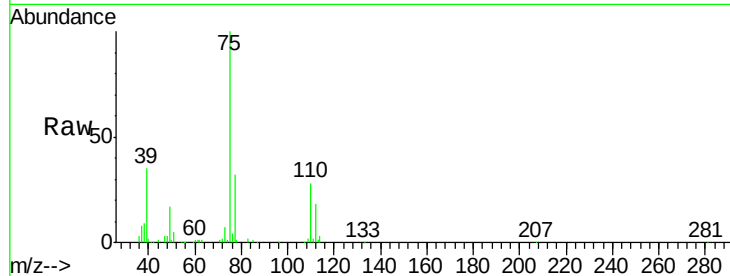
VSTDIC020

Tgt Ion: 75 Resp: 86451

Ion Ratio Lower Upper

75 100

77 31.6 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

60000

50000

40000

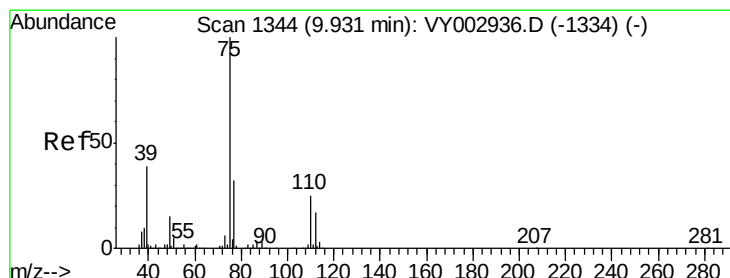
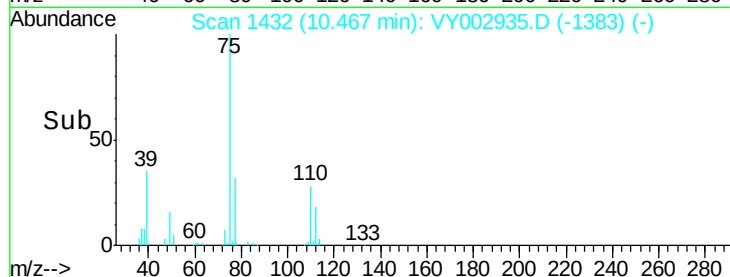
30000

20000

10000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 19.100 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY002935.D

Acq: 19 Jun 2020 13:38

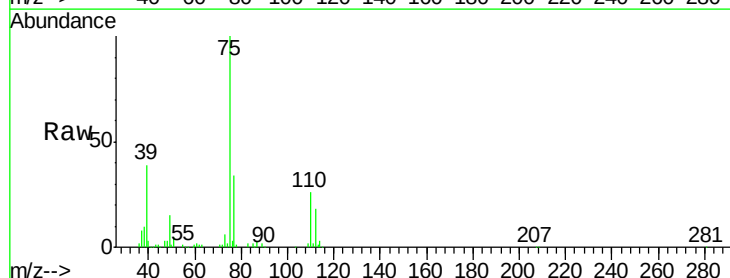
Tgt Ion: 75 Resp: 97889

Ion Ratio Lower Upper

75 100

77 34.1 25.4 38.2

39 39.0 31.4 47.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

9.93

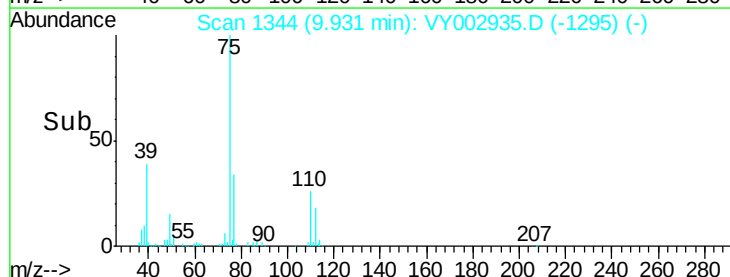
60000

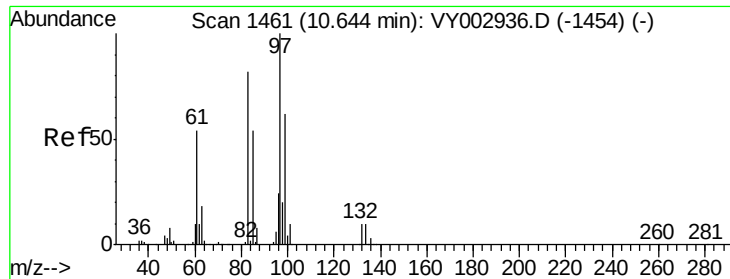
40000

20000

0

Time-->

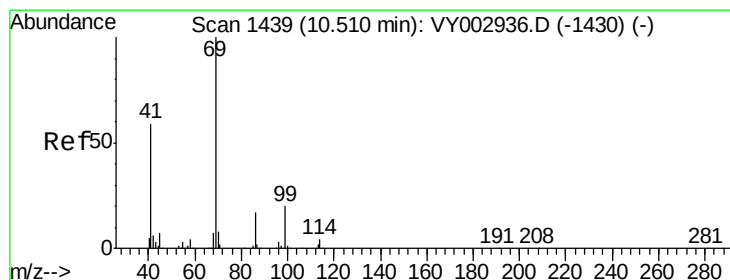
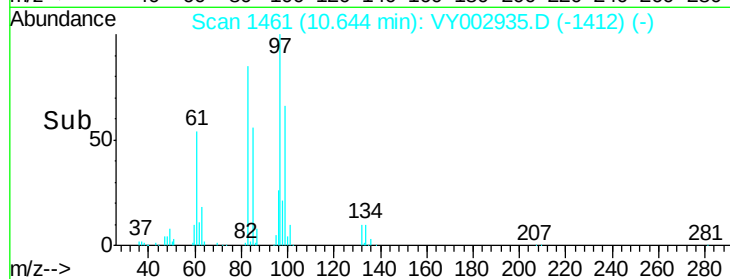
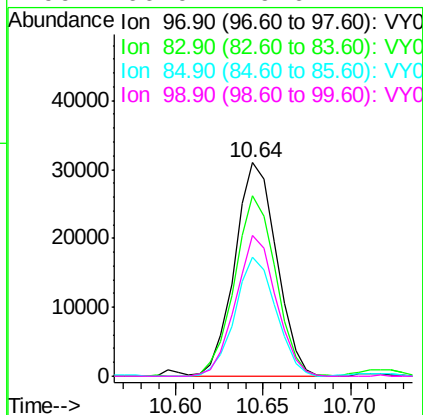
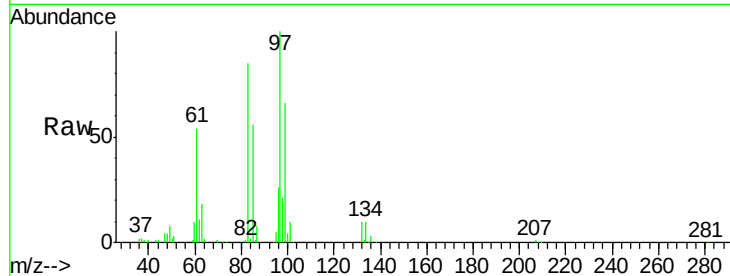




#55
 1,1,2-Trichloroethane
 Concen: 19.053 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY002935.D
 Acq: 19 Jun 2020 13:38

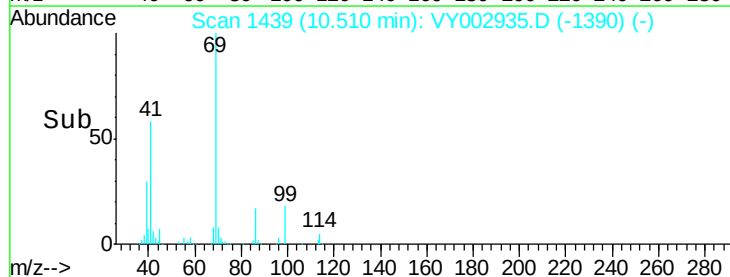
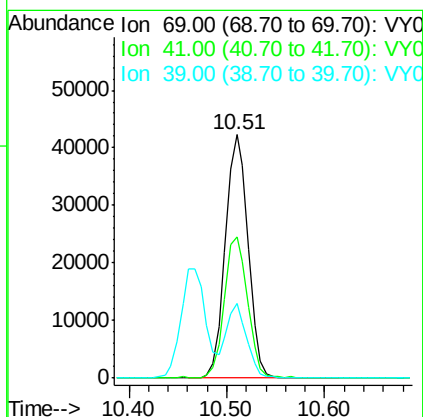
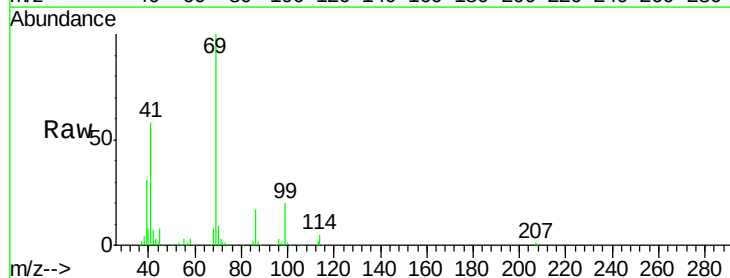
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

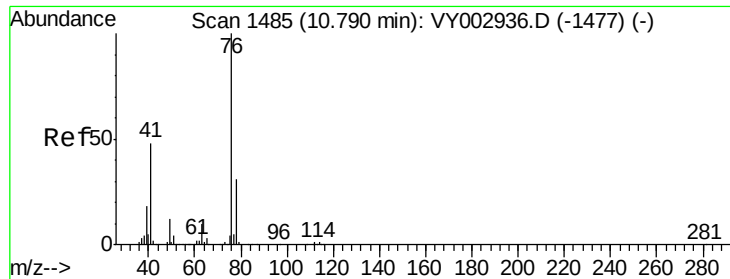
Tgt Ion:	97	Resp:	51421
Ion	Ratio	Lower	Upper
97	100		
83	84.6	65.9	98.9
85	56.1	43.1	64.7
99	66.0	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 19.133 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY002935.D
 Acq: 19 Jun 2020 13:38

Tgt Ion:	69	Resp:	68015
Ion	Ratio	Lower	Upper
69	100		
41	58.9	46.4	69.6
39	27.1	21.4	32.0





#57

1,3-Dichloropropane

Concen: 18.989 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY002935.D

Acq: 19 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

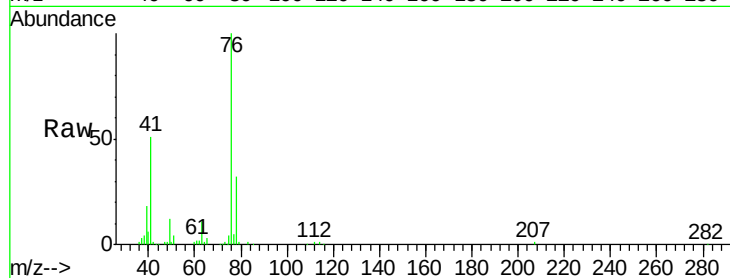
VSTDIC020

Tgt Ion: 76 Resp: 85538

Ion Ratio Lower Upper

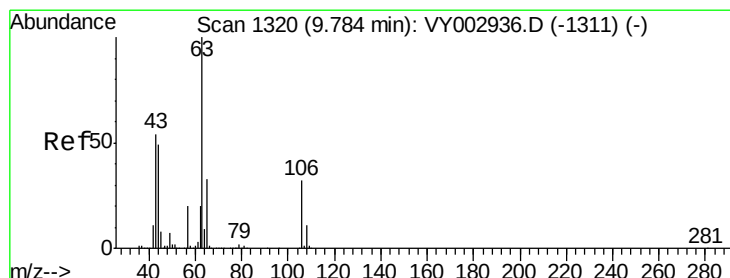
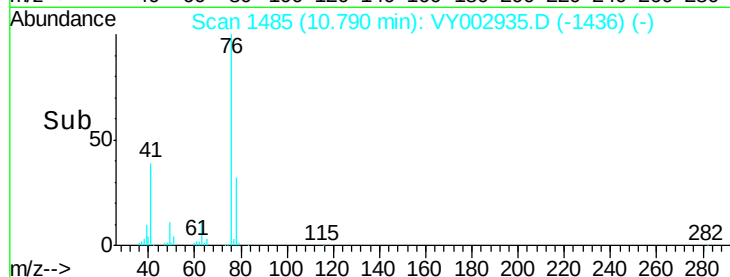
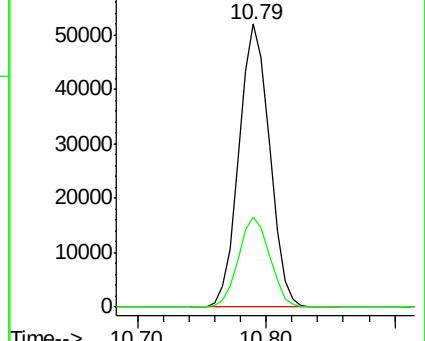
76 100

78 32.4 25.4 38.2



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: 91.578 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY002935.D

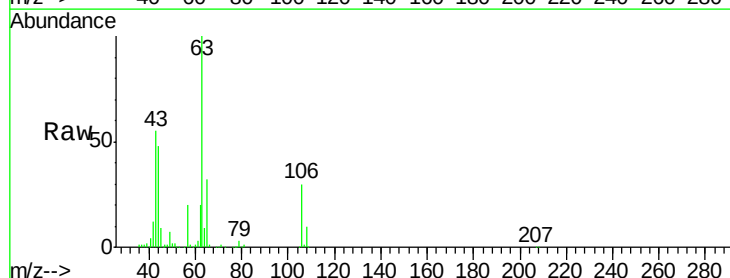
Acq: 19 Jun 2020 13:38

Tgt Ion: 63 Resp: 162882

Ion Ratio Lower Upper

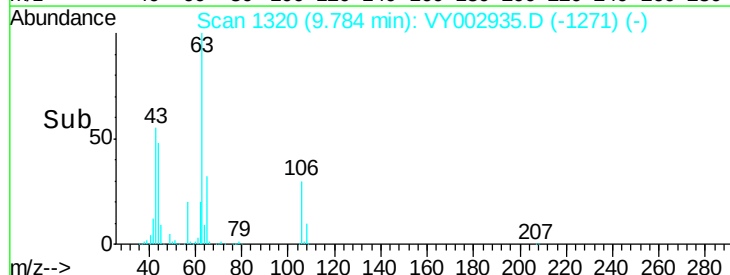
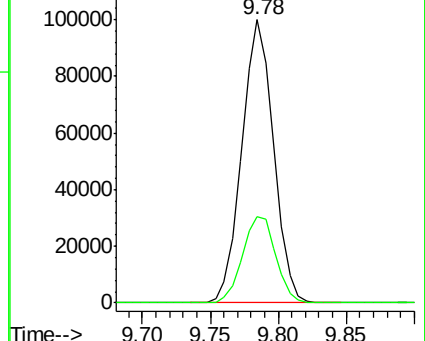
63 100

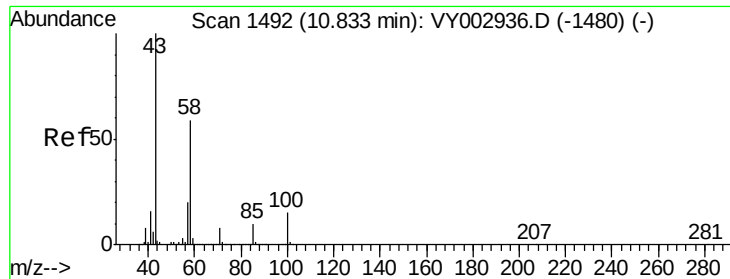
106 32.0 25.6 38.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

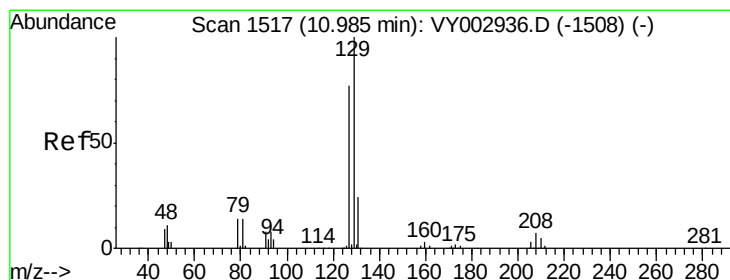
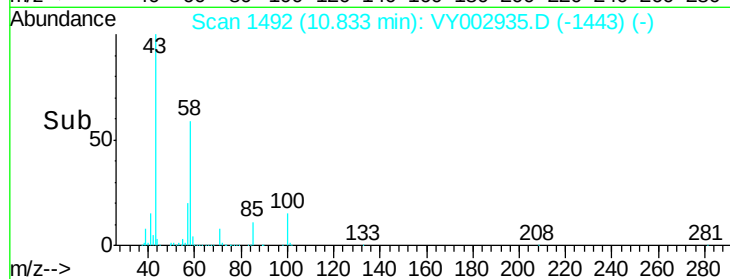
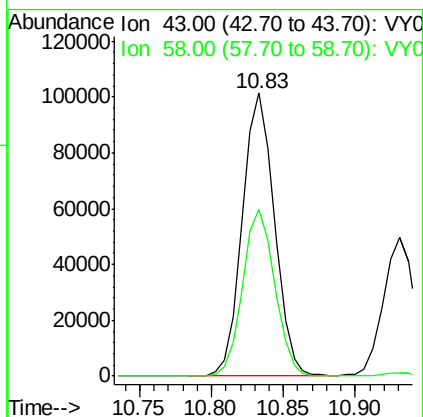
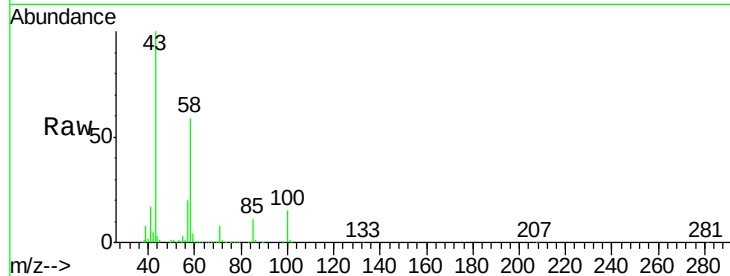




#59
2-Hexanone
Concen: 97.162 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY002935.D
Acq: 19 Jun 2020 13:38

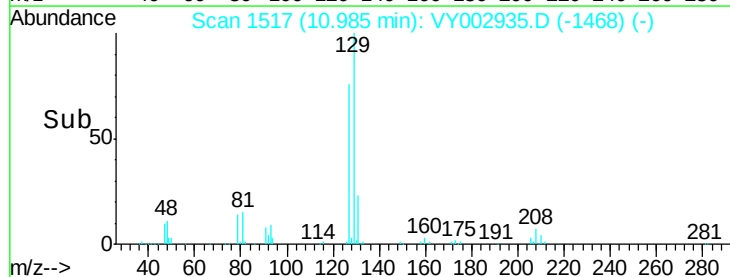
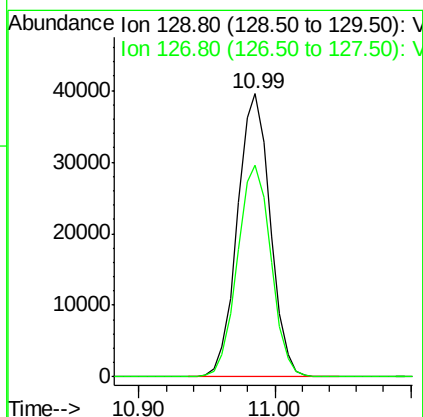
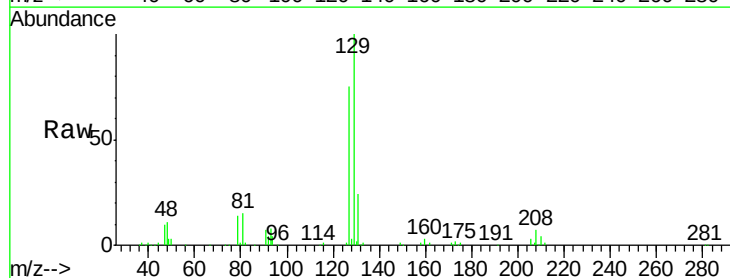
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

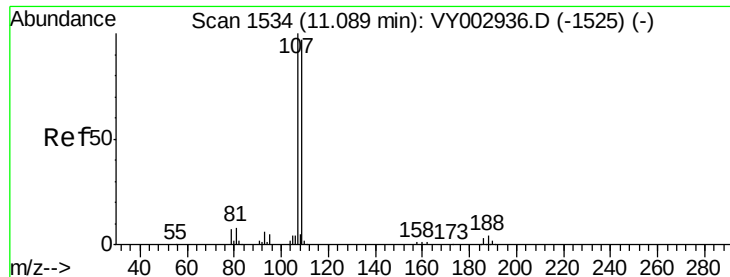
Tgt Ion: 43 Resp: 156542
Ion Ratio Lower Upper
43 100
58 58.8 29.7 89.1



#60
Dibromochloromethane
Concen: 19.514 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY002935.D
Acq: 19 Jun 2020 13:38

Tgt Ion: 129 Resp: 66506
Ion Ratio Lower Upper
129 100
127 76.6 38.9 116.6

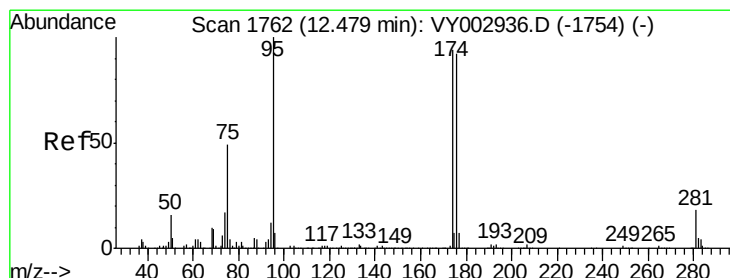
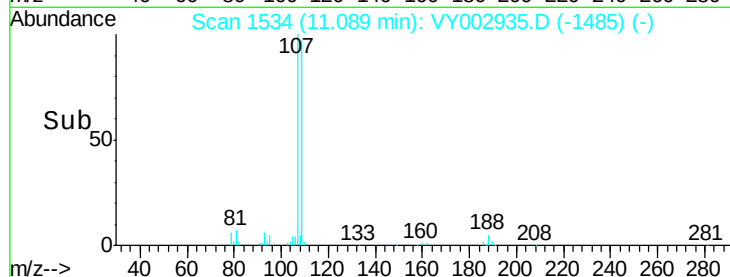
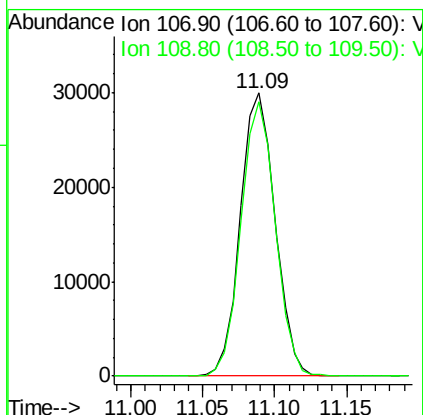
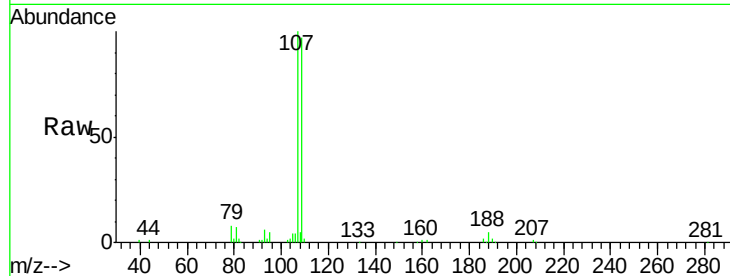




#61
1,2-Dibromoethane
Concen: 18.855 ug/l
RT: 11.09 min Scan# 1534
Delta R.T. -0.00 min
Lab File: VY002935.D
Acq: 19 Jun 2020 13:38

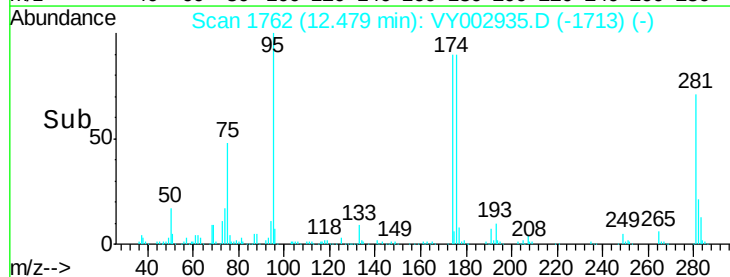
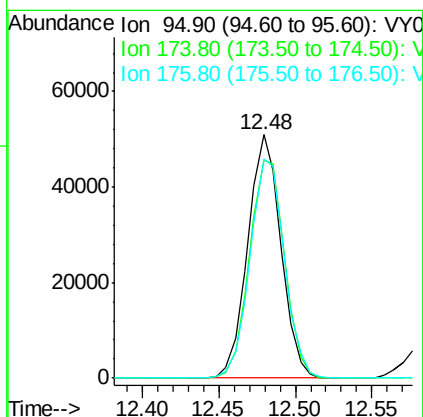
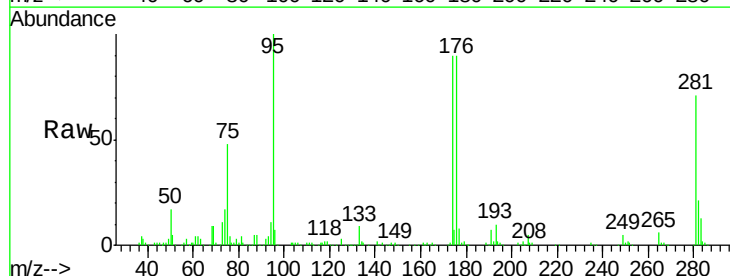
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

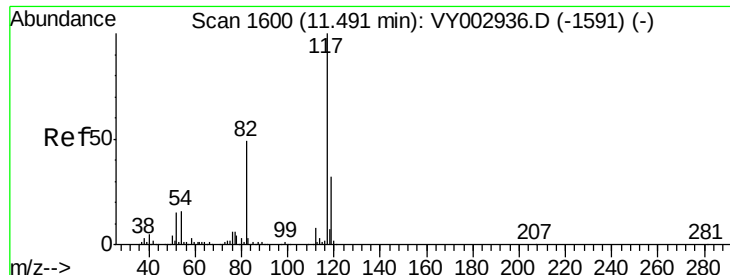
Tgt Ion: 107 Resp: 50191
Ion Ratio Lower Upper
107 100
109 95.4 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 18.778 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY002935.D
Acq: 19 Jun 2020 13:38

Tgt Ion: 95 Resp: 76706
Ion Ratio Lower Upper
95 100
174 94.8 0.0 191.2
176 93.3 0.0 186.0

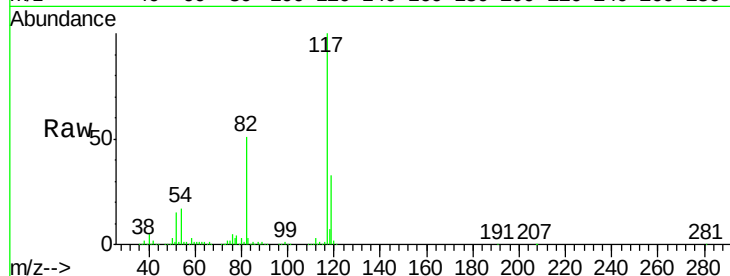




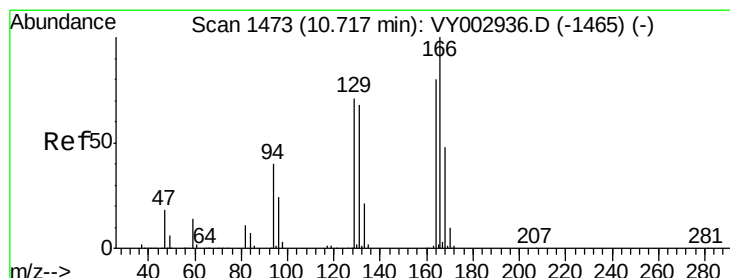
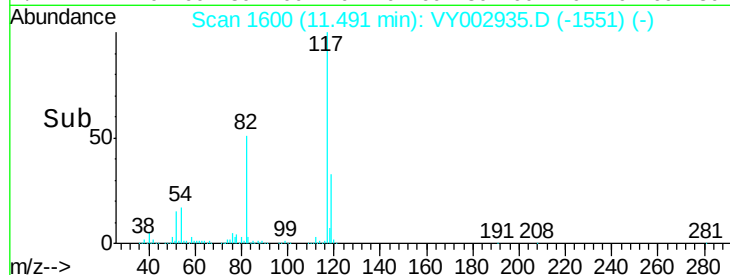
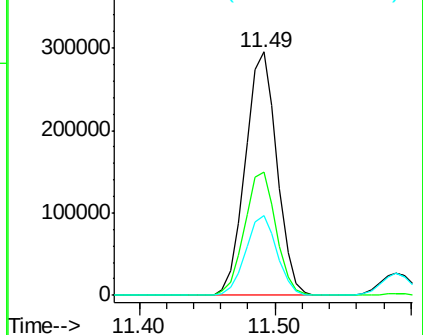
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002935.D
Acq: 19 Jun 2020 13:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:117 Resp: 479624
Ion Ratio Lower Upper
117 100
82 50.9 39.4 59.0
119 32.7 25.4 38.0

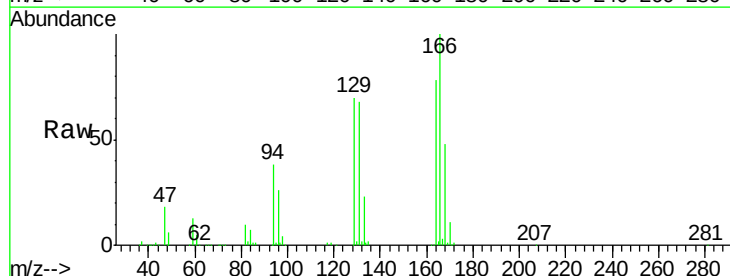


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

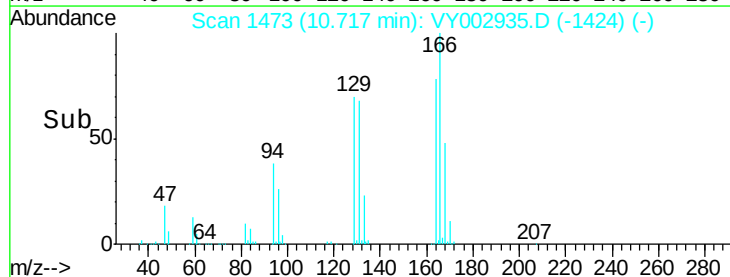
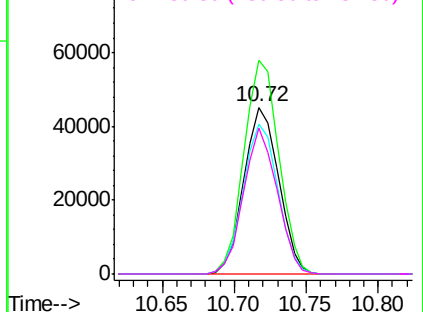


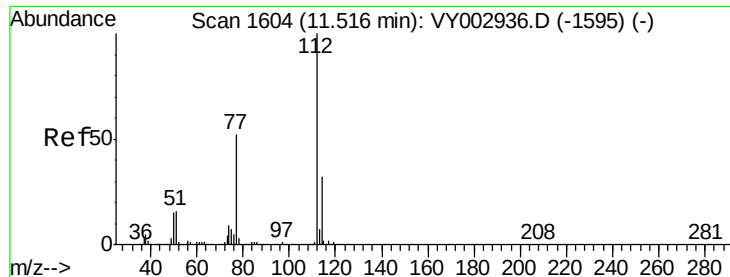
#64
Tetrachloroethene
Concen: 18.634 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002935.D
Acq: 19 Jun 2020 13:38

Tgt Ion:164 Resp: 75668
Ion Ratio Lower Upper
164 100
166 128.2 100.5 150.7
129 89.8 71.1 106.7
131 87.6 68.7 103.1



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

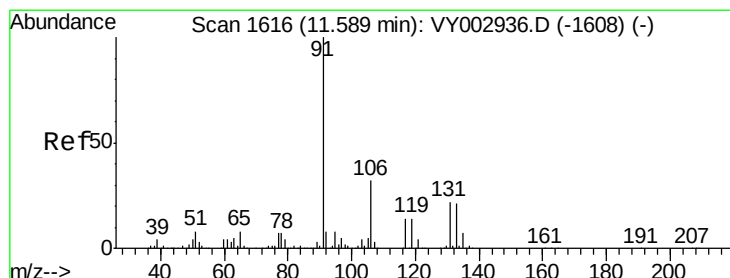
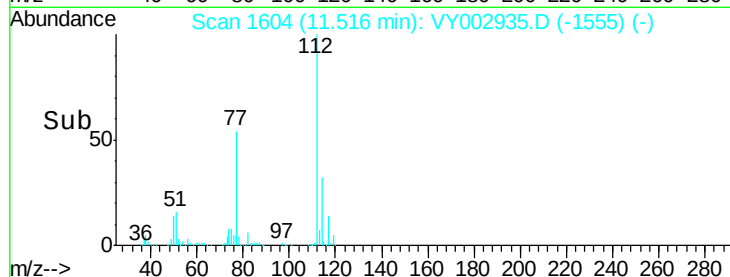
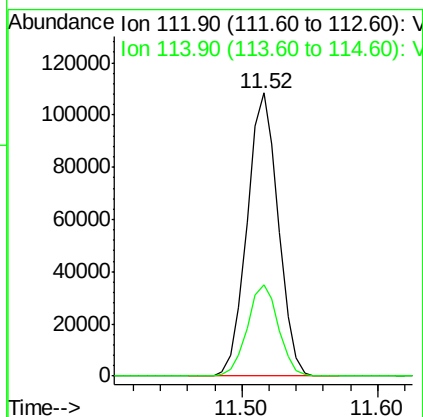
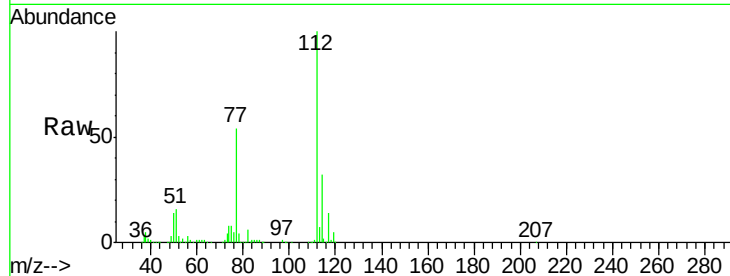




#65
Chlorobenzene
Concen: 19.096 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY002935.D
Acq: 19 Jun 2020 13:38

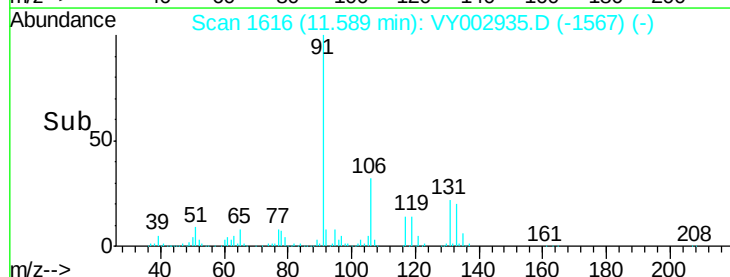
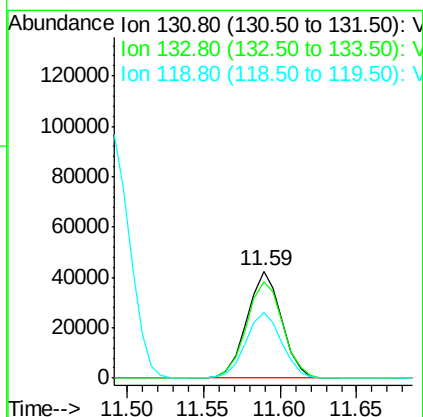
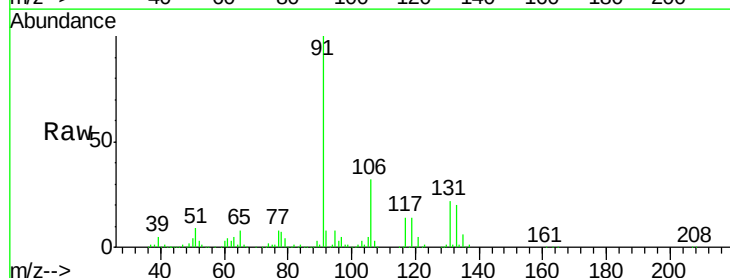
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

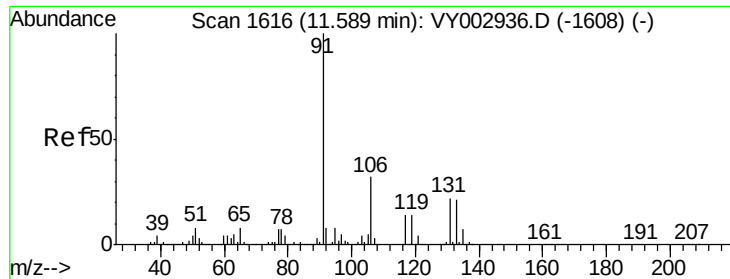
Tgt Ion:112 Resp: 173949
Ion Ratio Lower Upper
112 100
114 32.2 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.496 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY002935.D
Acq: 19 Jun 2020 13:38

Tgt Ion:131 Resp: 66839
Ion Ratio Lower Upper
131 100
133 95.0 47.7 143.1
119 63.4 31.5 94.5

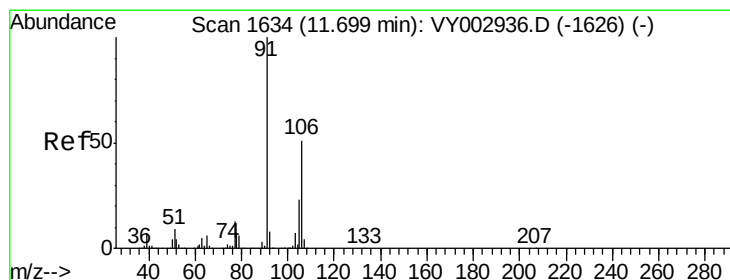
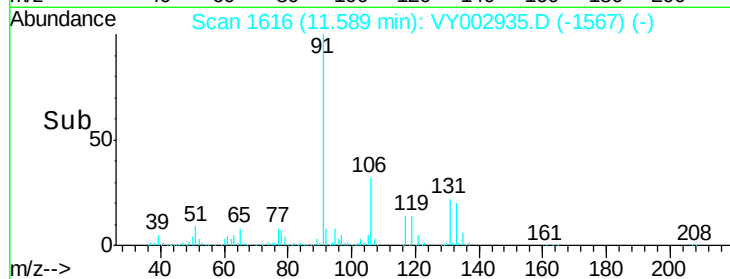
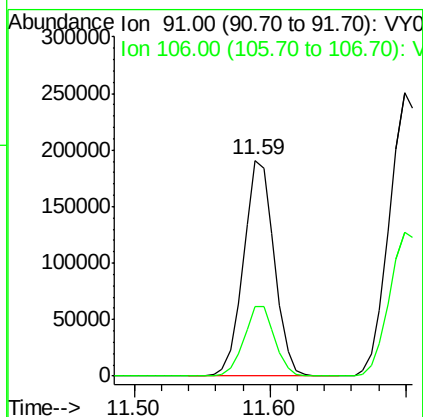
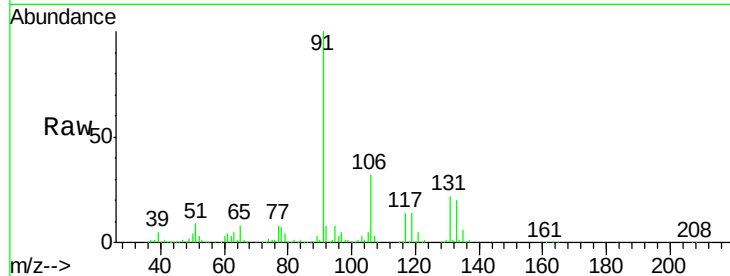




#67
Ethyl Benzene
Concen: 19.188 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY002935.D
Acq: 19 Jun 2020 13:38

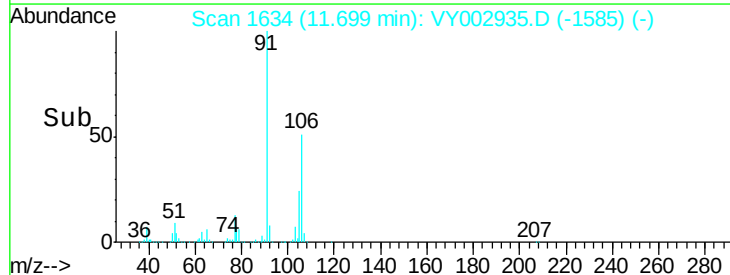
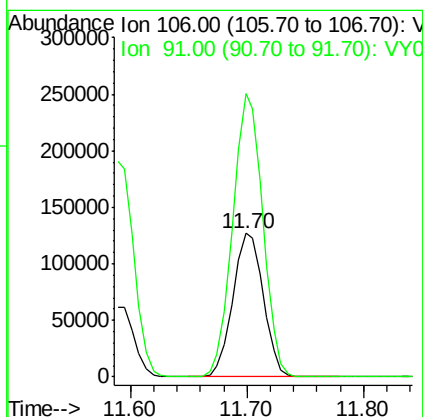
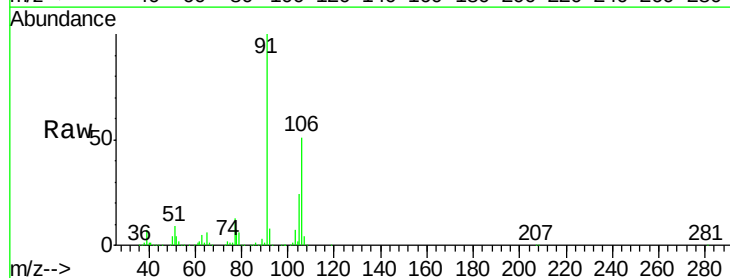
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

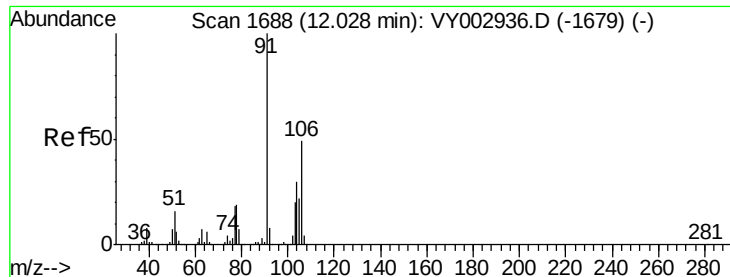
Tgt Ion: 91 Resp: 299982
Ion Ratio Lower Upper
91 100
106 32.1 25.8 38.8



#68
m/p-Xylenes
Concen: 38.040 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY002935.D
Acq: 19 Jun 2020 13:38

Tgt Ion: 106 Resp: 231056
Ion Ratio Lower Upper
106 100
91 194.5 155.9 233.9

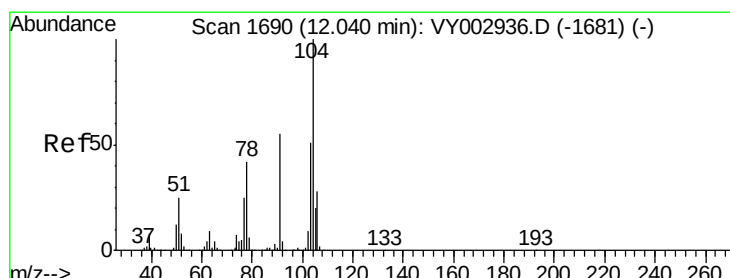
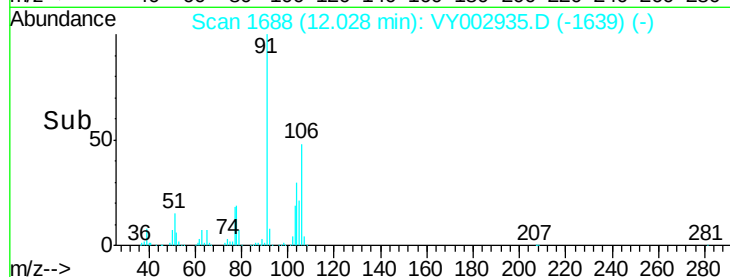
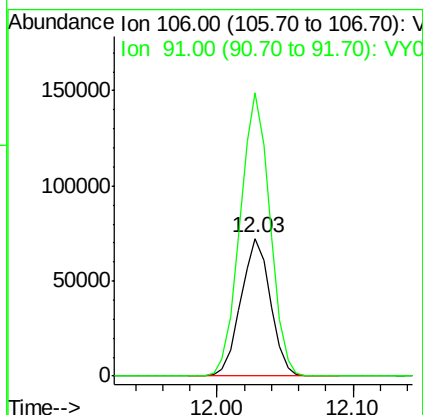
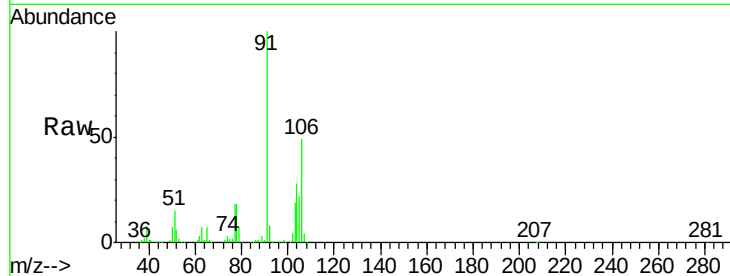




#69
o-Xylene
Concen: 19.218 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY002935.D
Acq: 19 Jun 2020 13:38

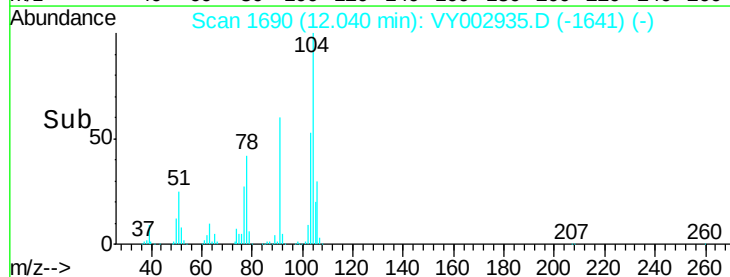
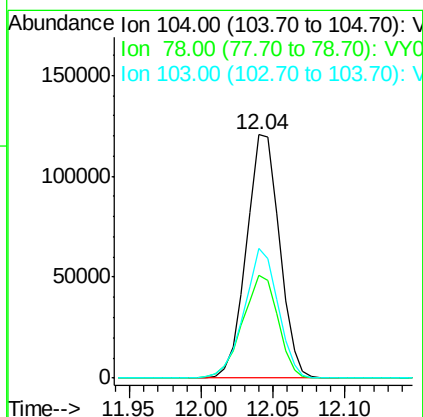
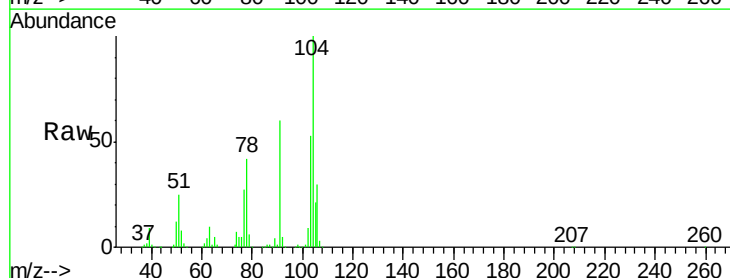
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

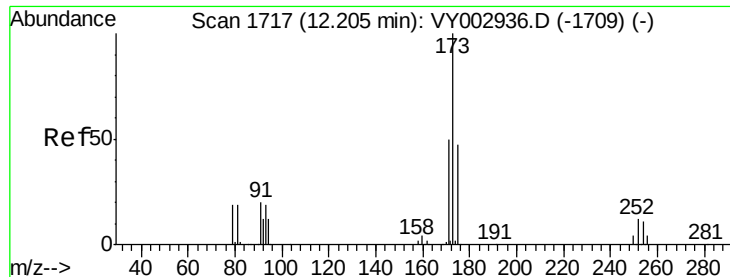
Tgt Ion:106 Resp: 110048
Ion Ratio Lower Upper
106 100
91 206.7 102.1 306.1



#70
Styrene
Concen: 19.365 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY002935.D
Acq: 19 Jun 2020 13:38

Tgt Ion:104 Resp: 190954
Ion Ratio Lower Upper
104 100
78 45.4 36.9 55.3
103 54.6 43.7 65.5





#71

Bromoform

Concen: 19.494 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY002935.D

Acq: 19 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

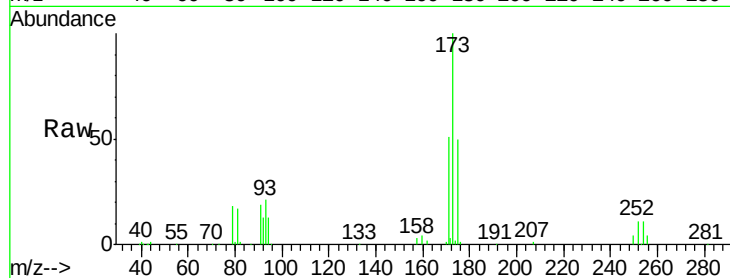
Tgt Ion:173 Resp: 44530

Ion Ratio Lower Upper

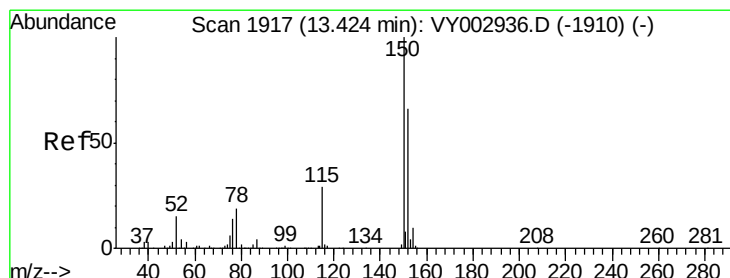
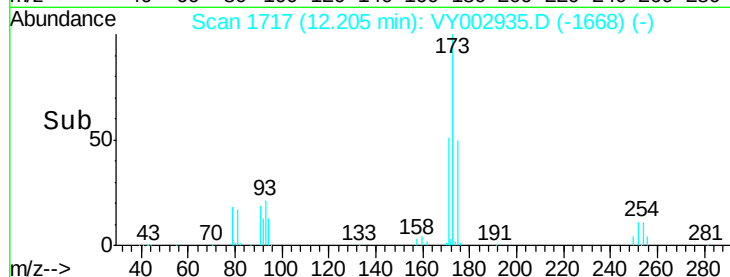
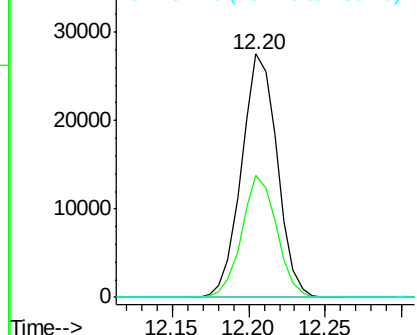
173 100

175 49.2 23.9 71.8

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY002935.D

Acq: 19 Jun 2020 13:38

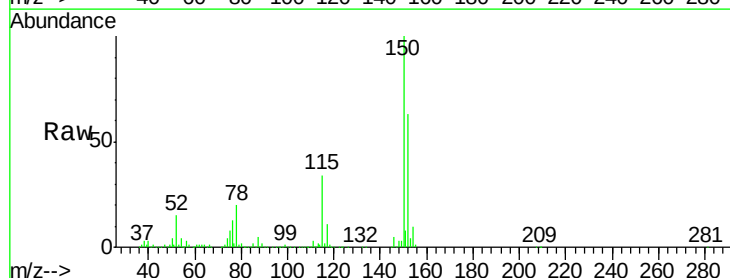
Tgt Ion:152 Resp: 257471

Ion Ratio Lower Upper

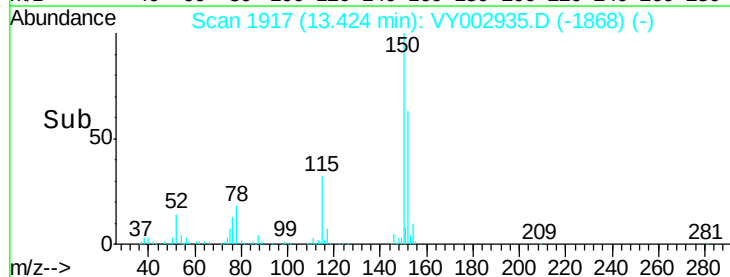
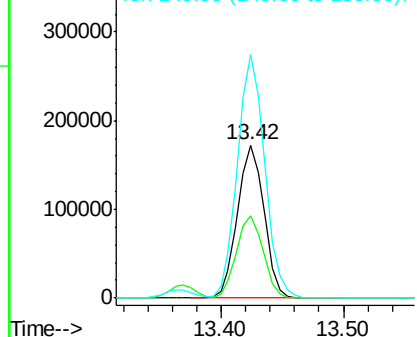
152 100

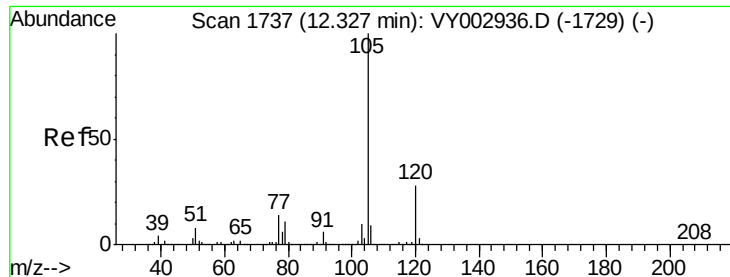
115 54.3 26.9 80.6

150 164.3 0.0 341.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.384 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002935.D

Acq: 19 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

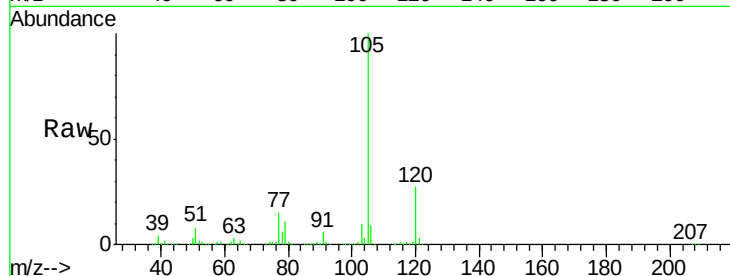
VSTDIC020

Tgt Ion:105 Resp: 304661

Ion Ratio Lower Upper

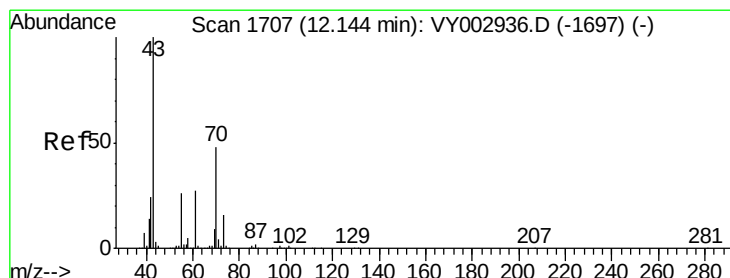
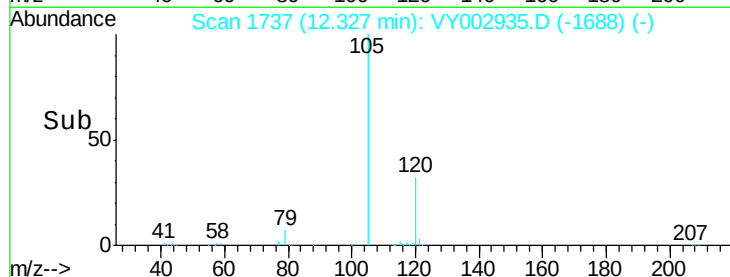
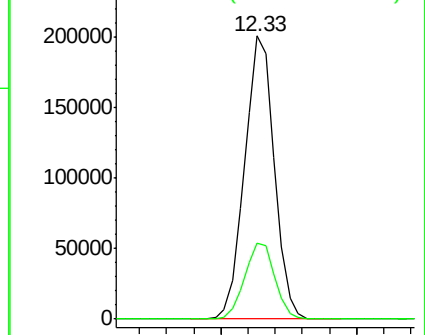
105 100

120 27.4 14.0 41.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.463 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY002935.D

Acq: 19 Jun 2020 13:38

Tgt Ion: 43 Resp: 77784

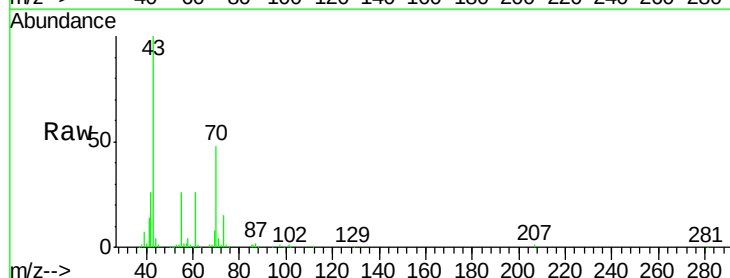
Ion Ratio Lower Upper

43 100

70 48.0 38.0 57.0

55 25.6 20.3 30.5

61 26.3 21.4 32.2

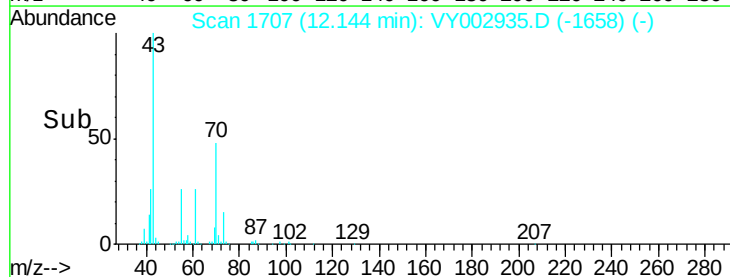
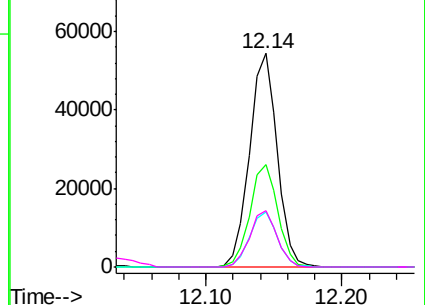


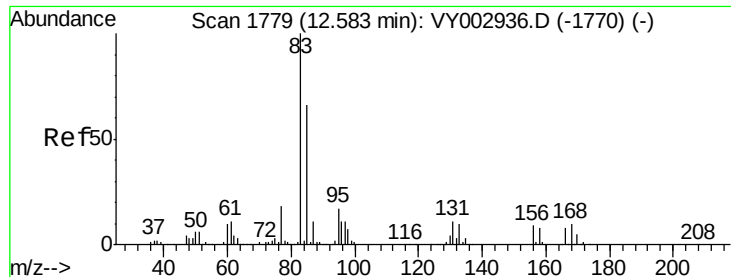
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.374 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY002935.D

Acq: 19 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

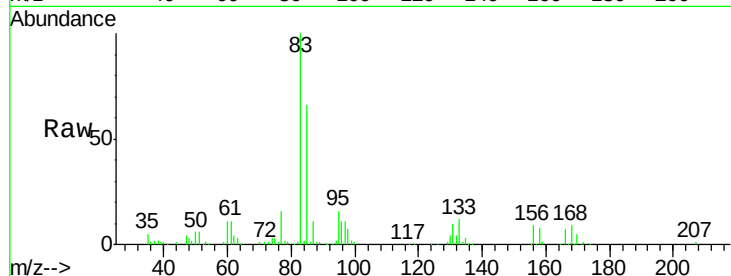
Tgt Ion: 83 Resp: 56463

Ion Ratio Lower Upper

83 100

131 11.6 5.9 17.7

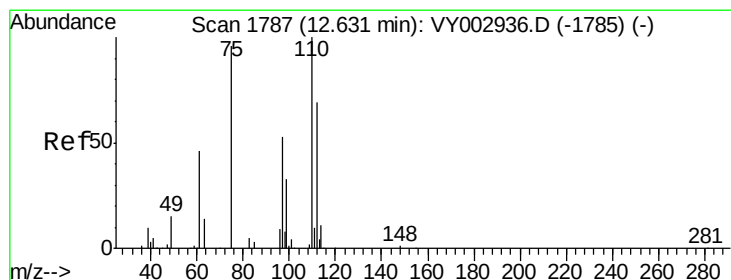
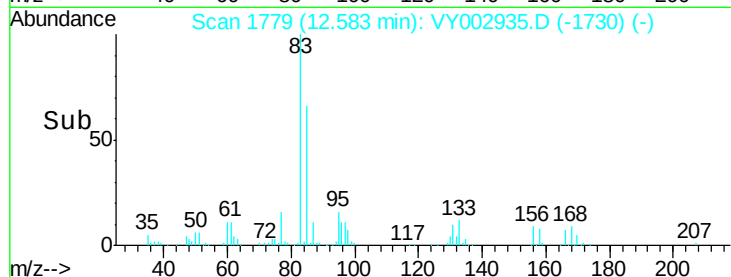
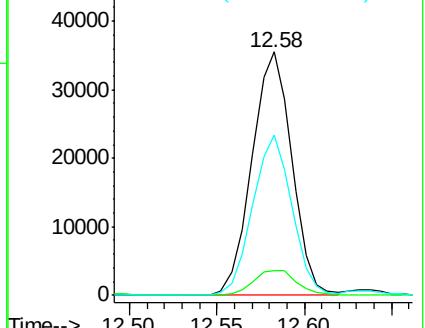
85 64.8 32.8 98.3



Abundance Ion 82.90 (82.60 to 83.60): VY002935.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY002935.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY002935.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 22.194 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY002935.D

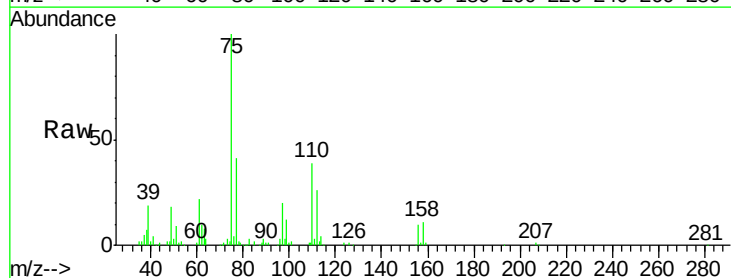
Acq: 19 Jun 2020 13:38

Tgt Ion: 75 Resp: 81048

Ion Ratio Lower Upper

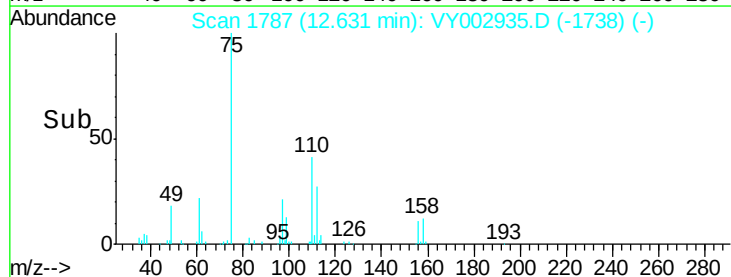
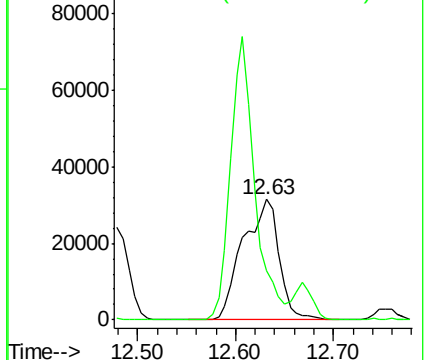
75 100

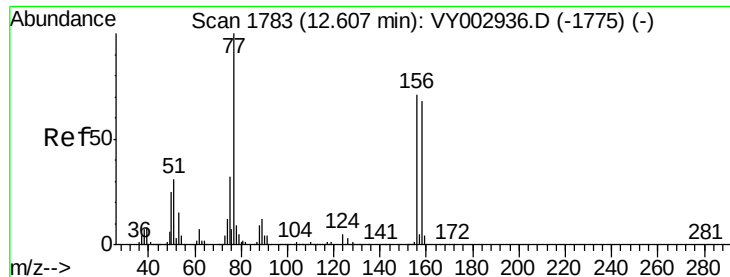
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002935.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY002935.D (-1738) (-)





#77

Bromobenzene

Concen: 19.230 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY002935.D

Acq: 19 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

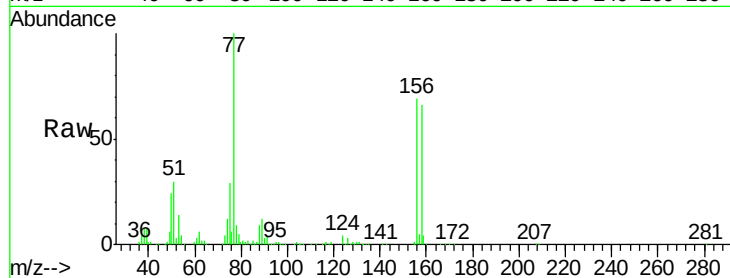
Tgt Ion:156 Resp: 79413

Ion Ratio Lower Upper

156 100

77 160.2 80.5 241.5

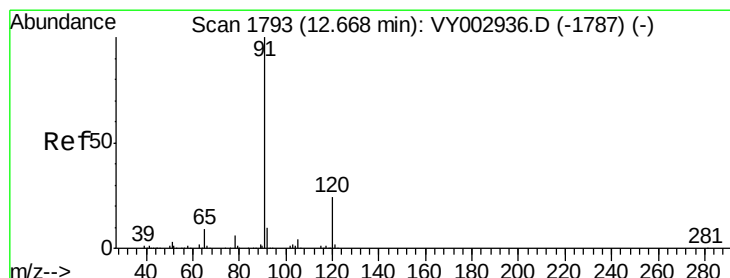
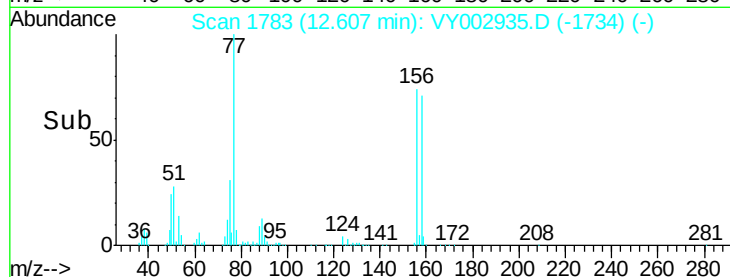
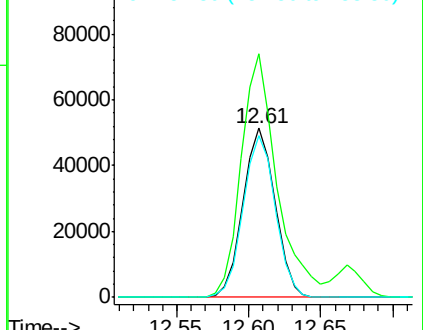
158 95.5 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.253 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY002935.D

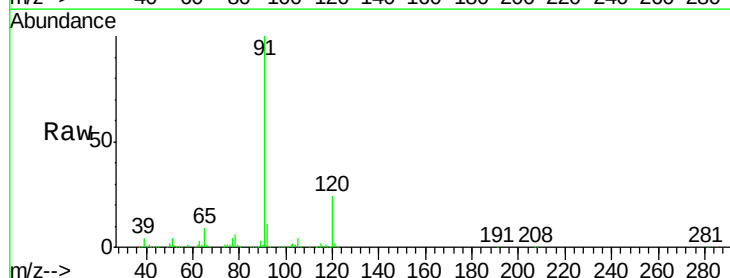
Acq: 19 Jun 2020 13:38

Tgt Ion: 91 Resp: 352056

Ion Ratio Lower Upper

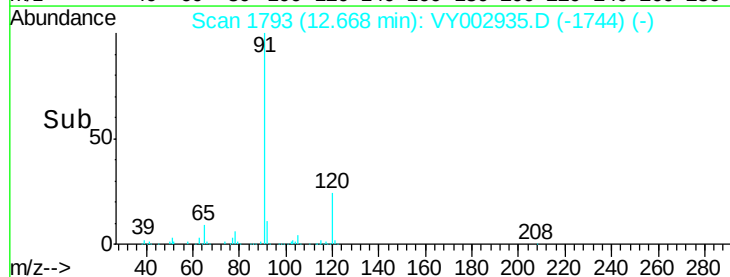
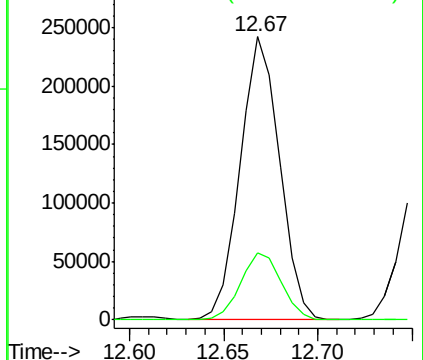
91 100

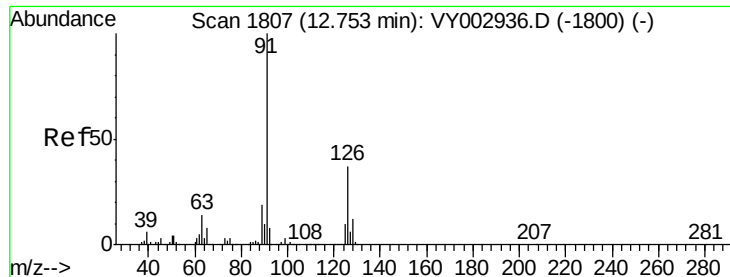
120 24.4 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

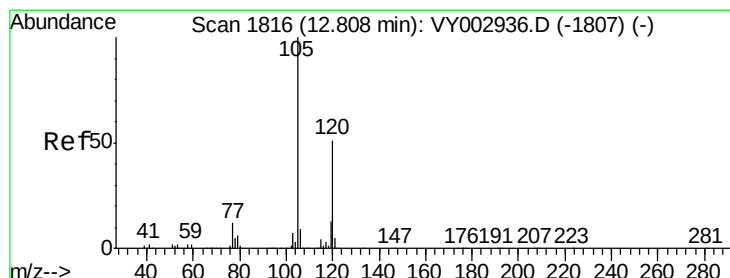
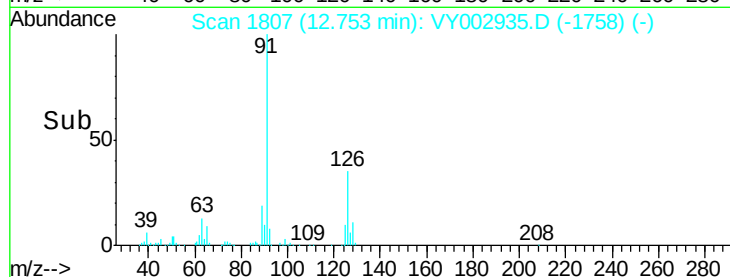
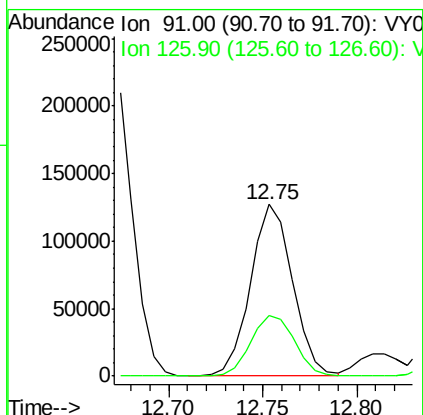
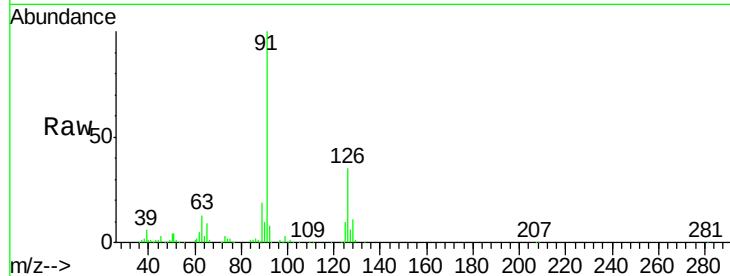




#79
2-Chlorotoluene
Concen: 19.151 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. -0.00 min
Lab File: VY002935.D
Acq: 19 Jun 2020 13:38

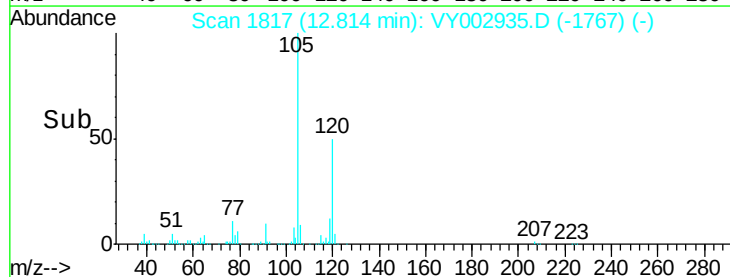
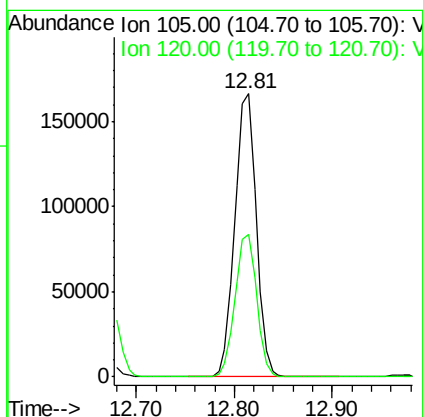
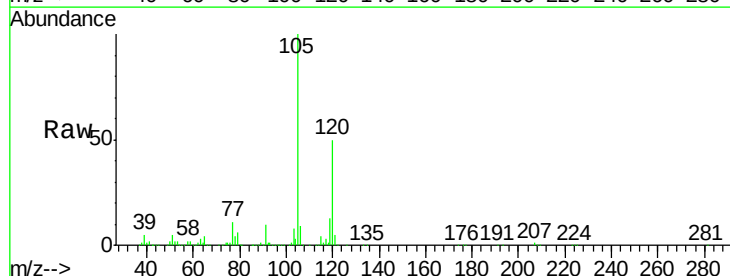
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

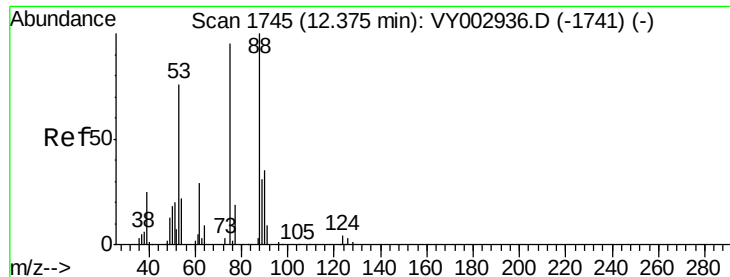
Tgt Ion: 91 Resp: 196248
Ion Ratio Lower Upper
91 100
126 37.0 18.5 55.5



#80
1,3,5-Trimethylbenzene
Concen: 19.372 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. 0.01 min
Lab File: VY002935.D
Acq: 19 Jun 2020 13:38

Tgt Ion: 105 Resp: 253845
Ion Ratio Lower Upper
105 100
120 50.7 25.6 76.6





#81

trans-1,4-Dichloro-2-butene

Concen: 18.891 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY002935.D

Acq: 19 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampled :

VSTDIC020

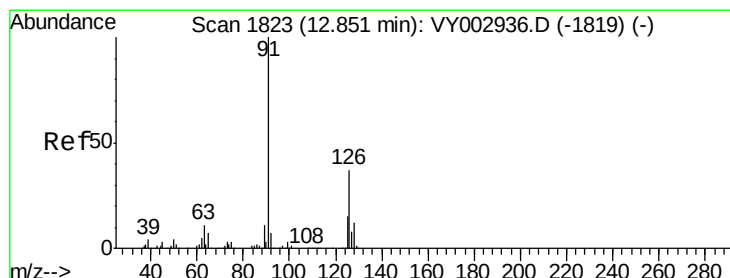
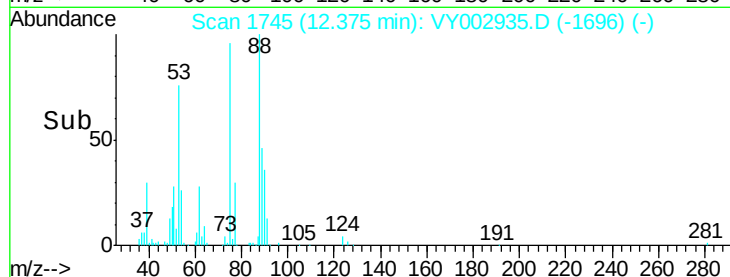
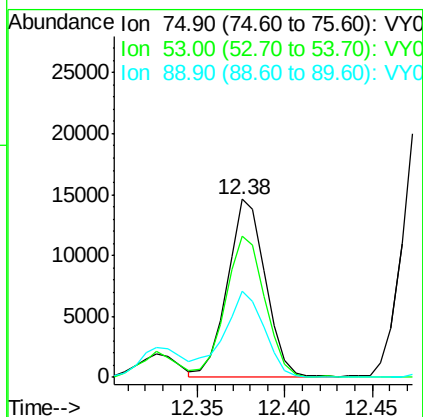
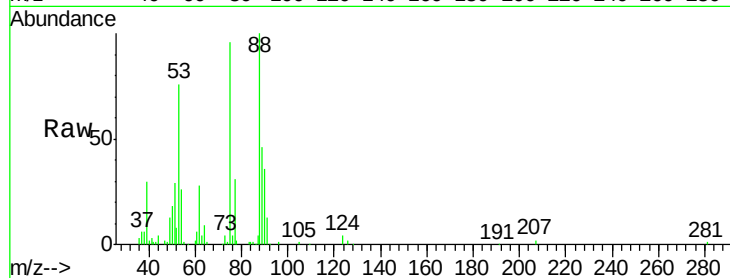
Tgt Ion: 75 Resp: 21757

Ion Ratio Lower Upper

75 100

53 83.4 65.1 97.7

89 53.0 38.4 57.6



#82

4-Chlorotoluene

Concen: 19.070 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY002935.D

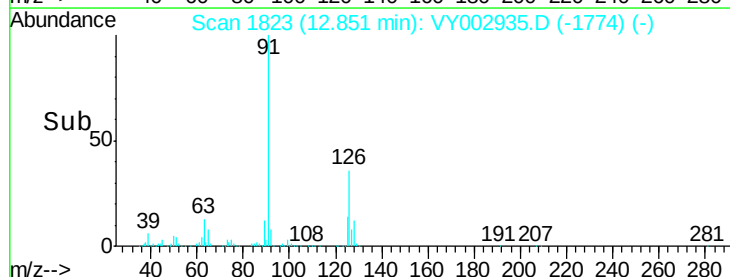
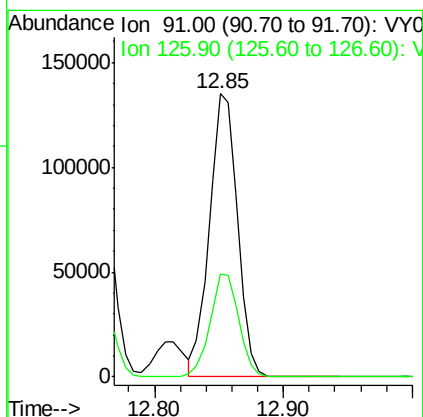
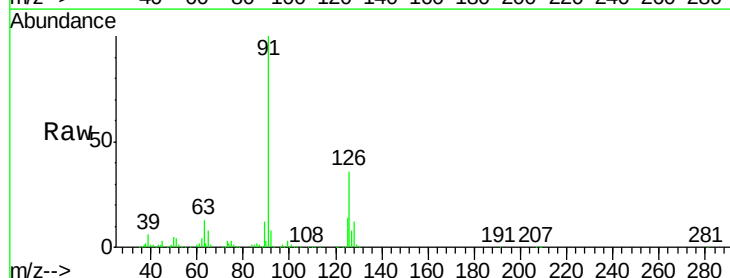
Acq: 19 Jun 2020 13:38

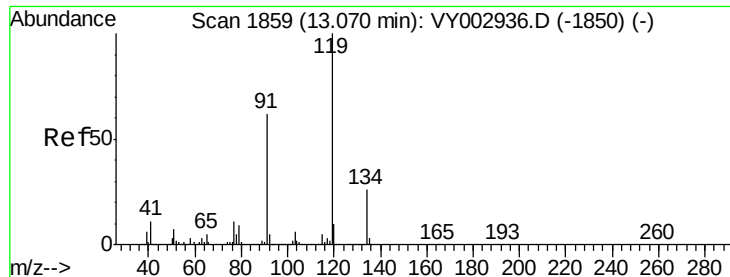
Tgt Ion: 91 Resp: 206167

Ion Ratio Lower Upper

91 100

126 37.2 18.6 55.8





#83

tert-Butylbenzene

Concen: 19.371 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. -0.00 min

Lab File: VY002935.D

Acq: 19 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

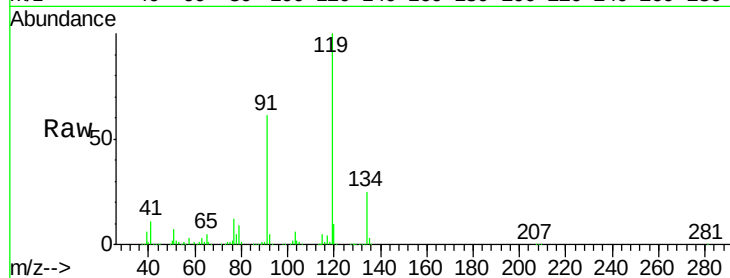
Tgt Ion:119 Resp: 228625

Ion Ratio Lower Upper

119 100

91 59.4 29.9 89.7

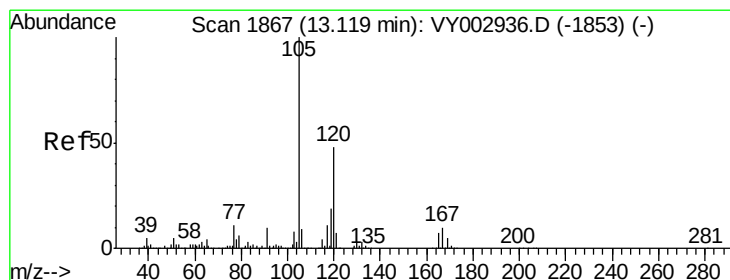
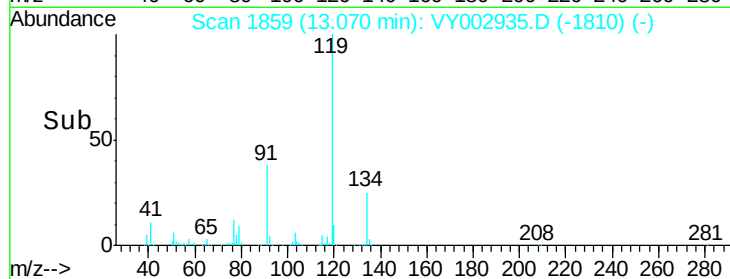
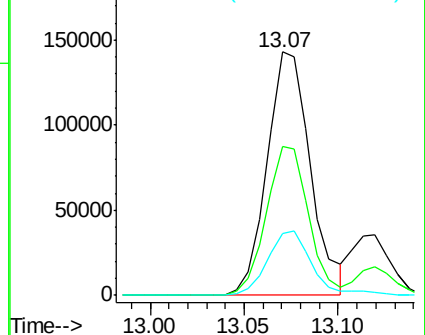
134 27.1 13.3 39.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.490 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY002935.D

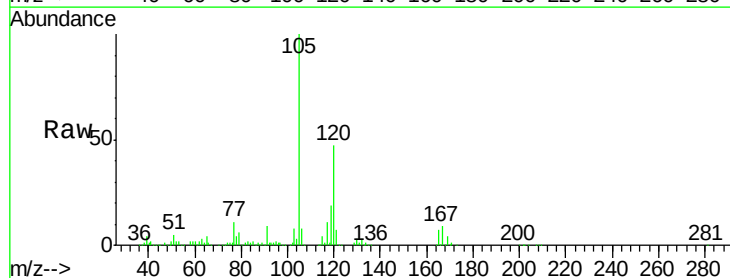
Acq: 19 Jun 2020 13:38

Tgt Ion:105 Resp: 258079

Ion Ratio Lower Upper

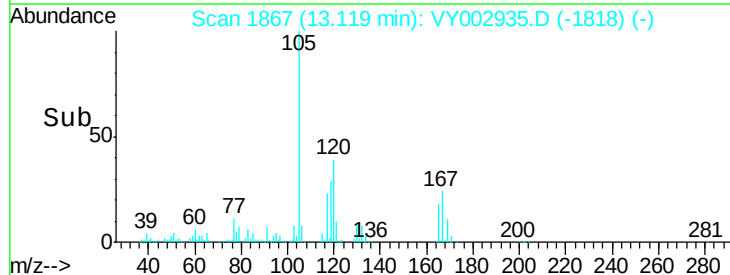
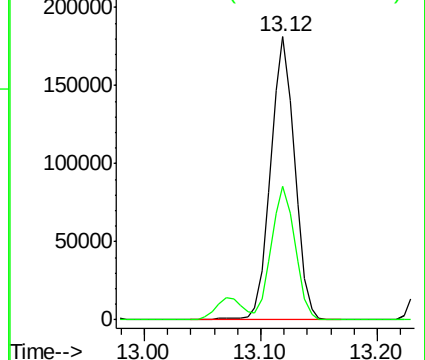
105 100

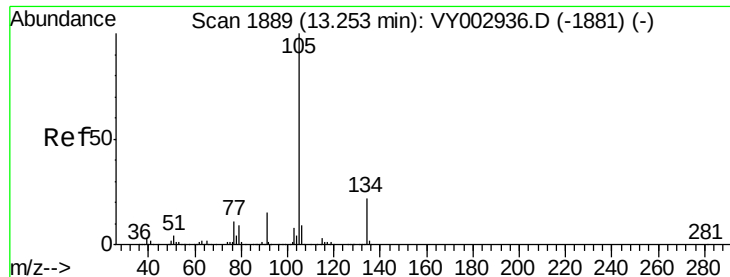
120 46.6 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.336 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY002935.D

Acq: 19 Jun 2020 13:38

Instrument :

MSVOA_Y

ClientSampleId :

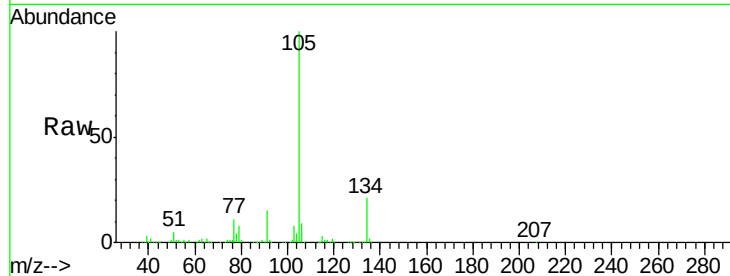
VSTDIC020

Tgt Ion:105 Resp: 312055

Ion Ratio Lower Upper

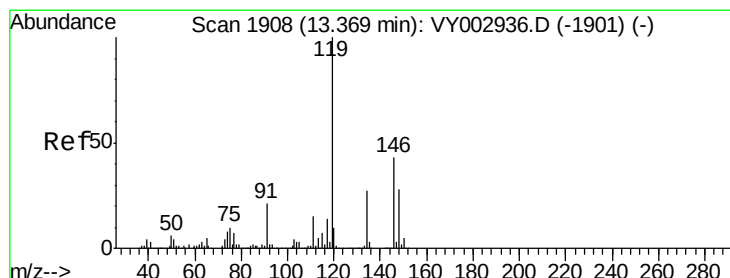
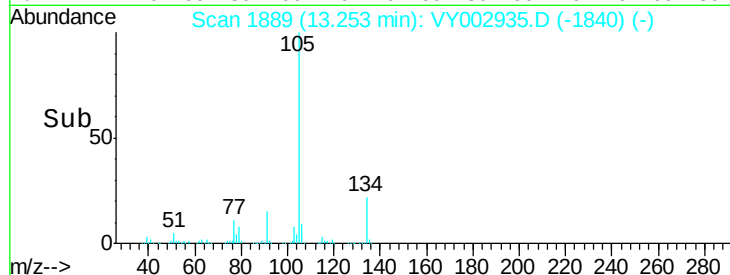
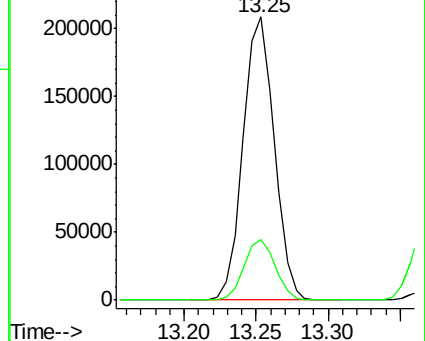
105 100

134 21.4 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.390 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY002935.D

Acq: 19 Jun 2020 13:38

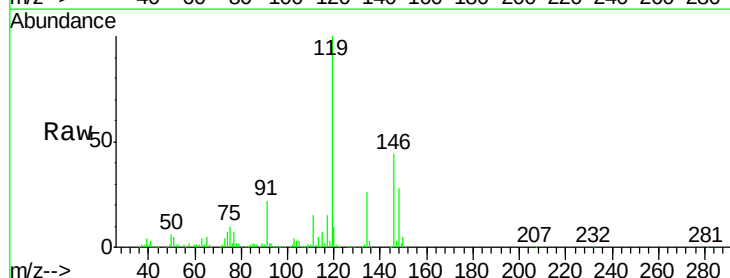
Tgt Ion:119 Resp: 292393

Ion Ratio Lower Upper

119 100

134 27.0 13.6 40.8

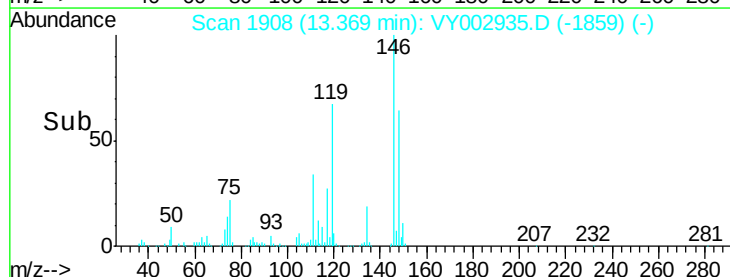
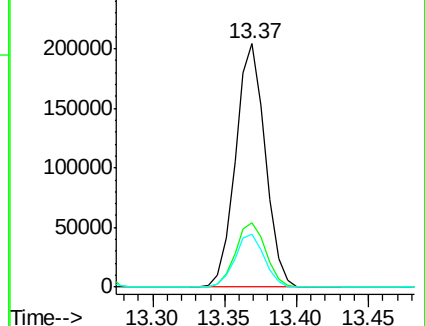
91 21.8 10.8 32.4

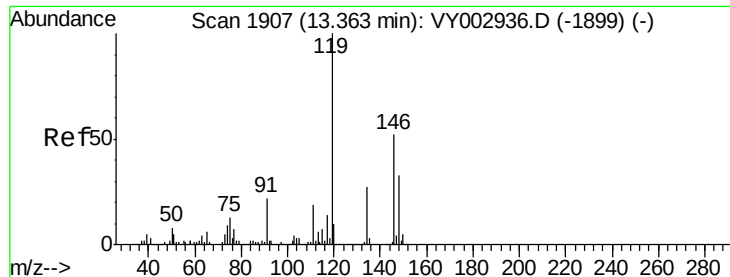


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

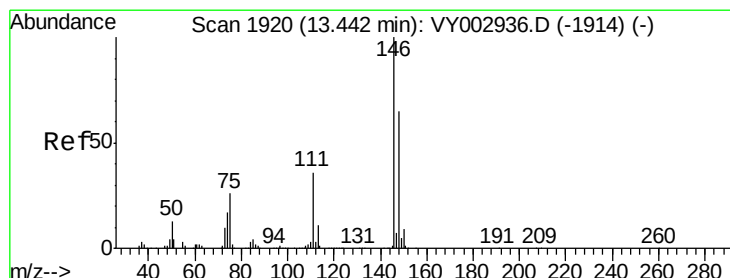
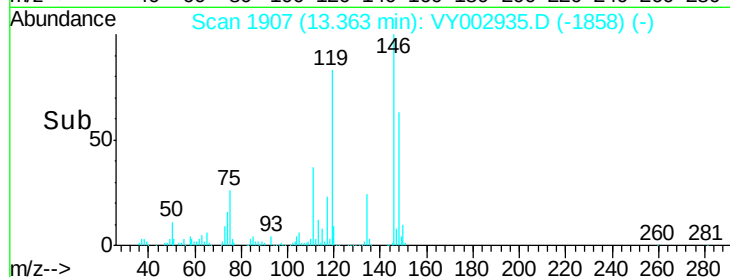
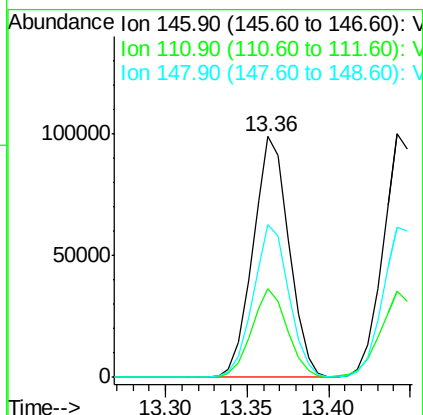
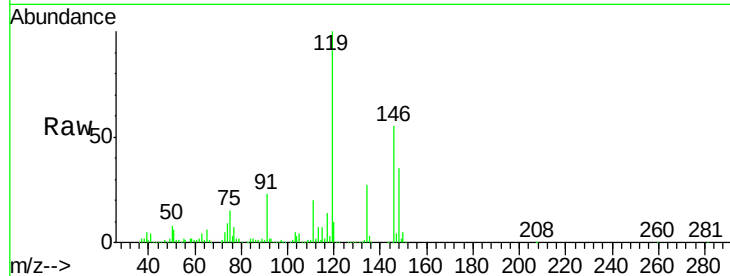




#87
 1,3-Dichlorobenzene
 Concen: 19.271 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY002935.D
 Acq: 19 Jun 2020 13:38

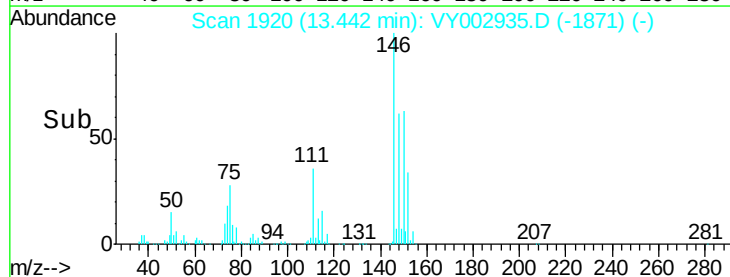
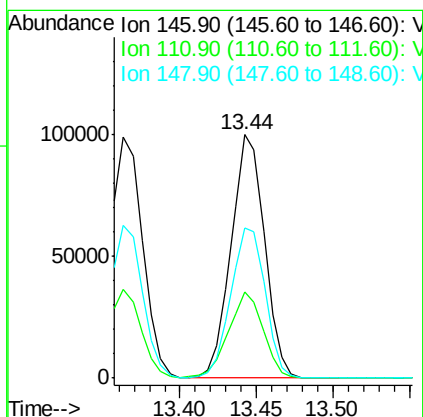
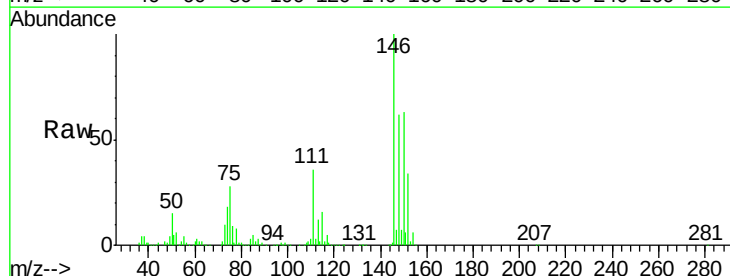
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

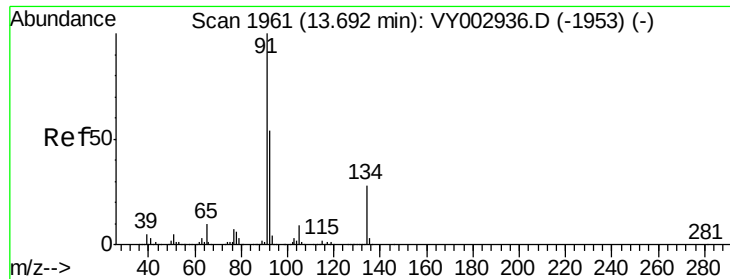
Tgt Ion:146 Resp: 151136
 Ion Ratio Lower Upper
 146 100
 111 36.3 18.2 54.6
 148 63.0 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 19.269 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY002935.D
 Acq: 19 Jun 2020 13:38

Tgt Ion:146 Resp: 151541
 Ion Ratio Lower Upper
 146 100
 111 36.9 17.9 53.8
 148 63.6 32.1 96.5

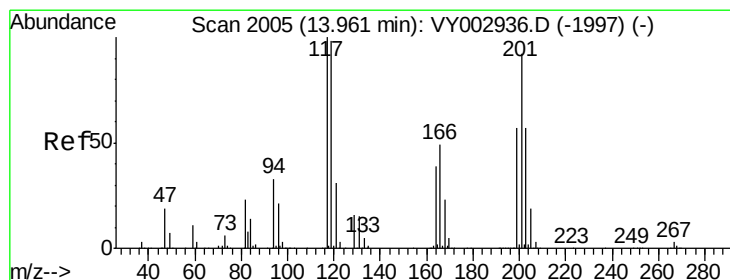
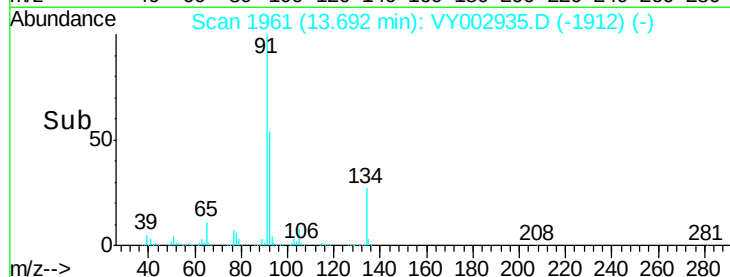
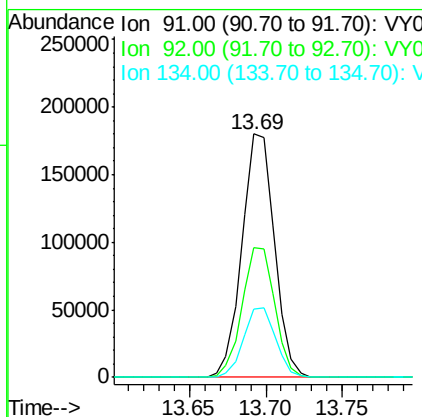
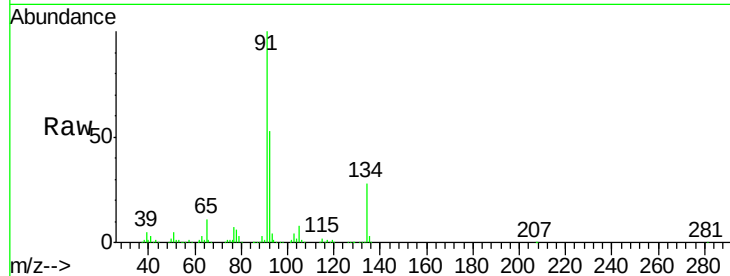




#89
n-Butylbenzene
Concen: 19.399 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY002935.D
Acq: 19 Jun 2020 13:38

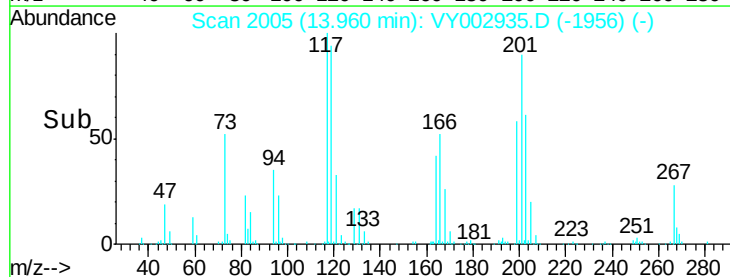
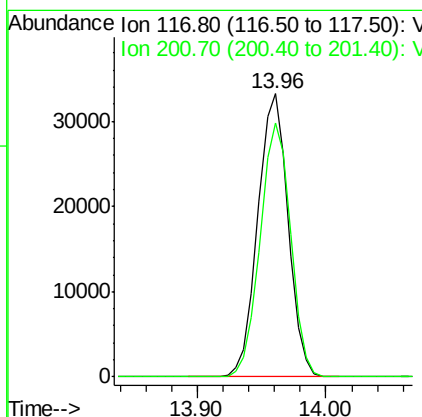
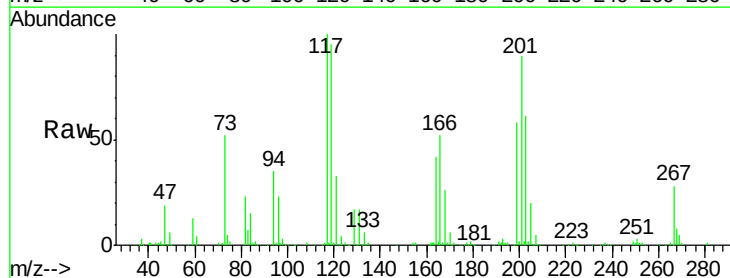
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

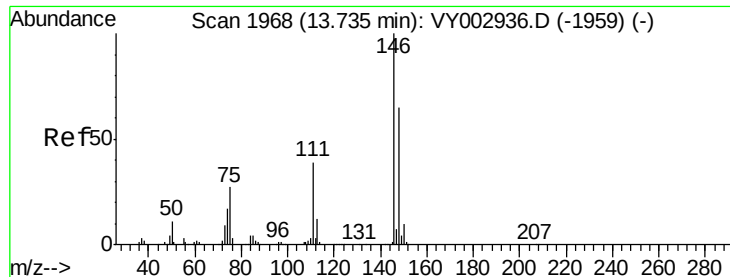
Tgt Ion: 91 Resp: 265526
Ion Ratio Lower Upper
91 100
92 53.7 27.0 80.8
134 28.4 14.5 43.5



#90
Hexachloroethane
Concen: 19.349 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY002935.D
Acq: 19 Jun 2020 13:38

Tgt Ion: 117 Resp: 53953
Ion Ratio Lower Upper
117 100
201 90.3 45.1 135.5





#91

1,2-Dichlorobenzene

Concen: 19.314 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. 0.01 min

Lab File: VY002935.D

Acq: 19 Jun 2020 13:38

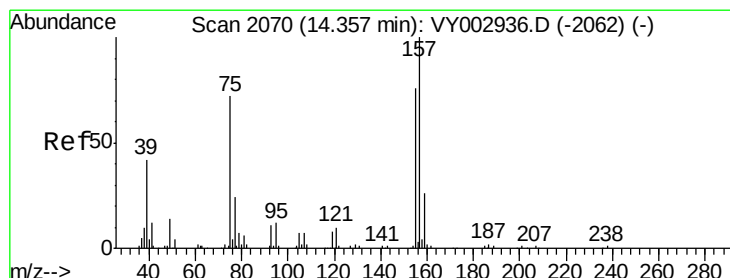
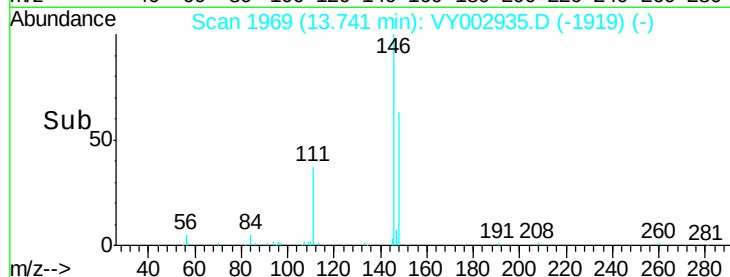
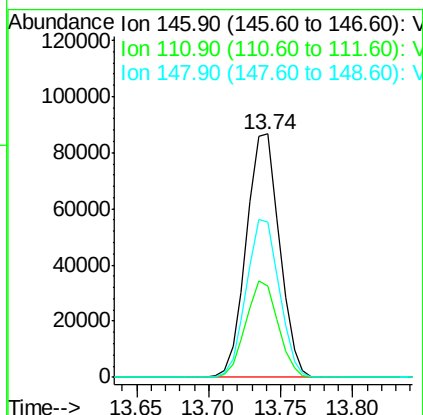
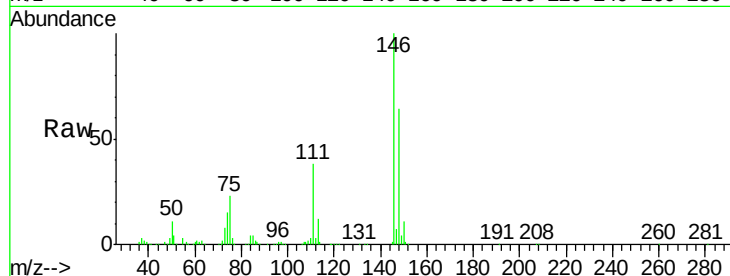
Instrument :

MSVOA_Y

ClientSampled :

VSTDIC020

Tgt Ion:	146	Resp:	138139
Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.9	56.9
148	64.2	32.0	96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.901 ug/l

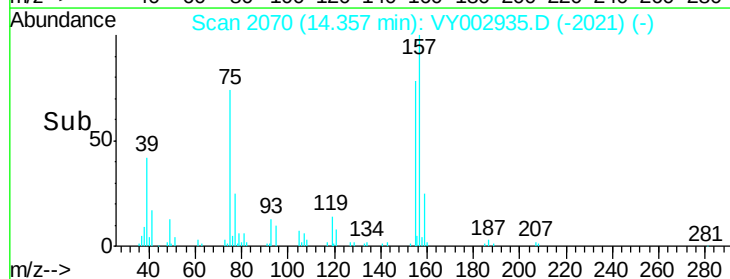
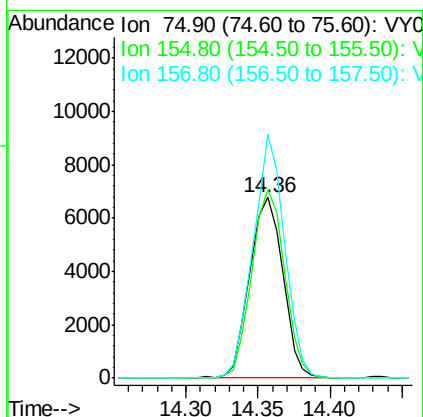
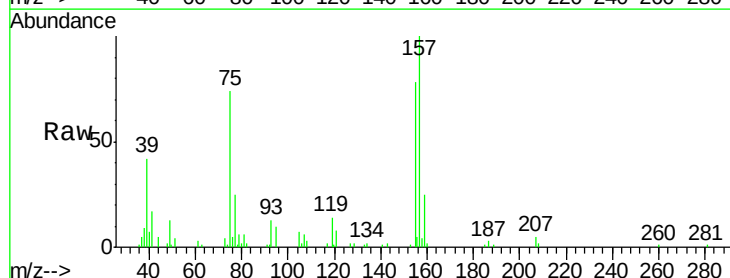
RT: 14.36 min Scan# 2070

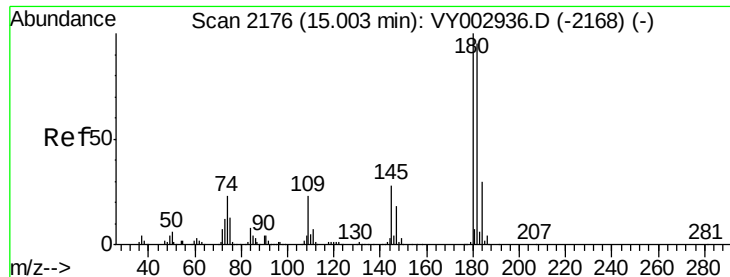
Delta R.T. -0.00 min

Lab File: VY002935.D

Acq: 19 Jun 2020 13:38

Tgt Ion:	75	Resp:	10877
Ion	Ratio	Lower	Upper
75	100		
155	102.7	53.1	159.4
157	126.9	69.0	206.9

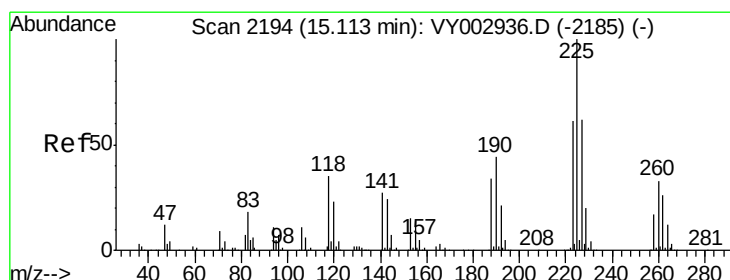
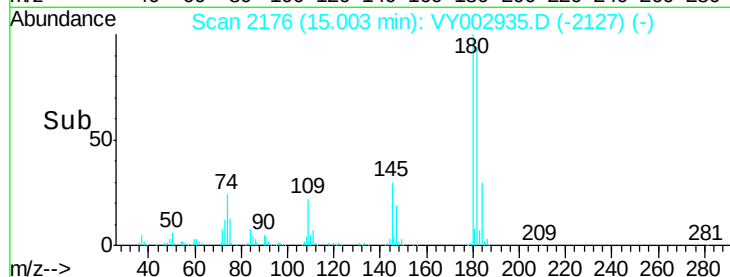
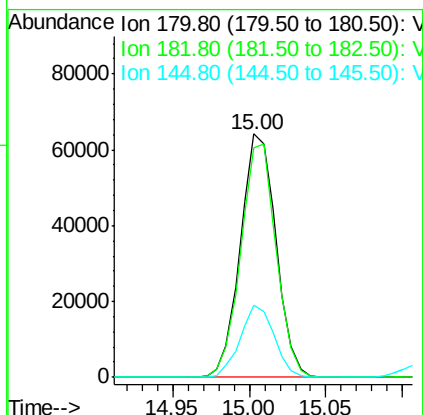
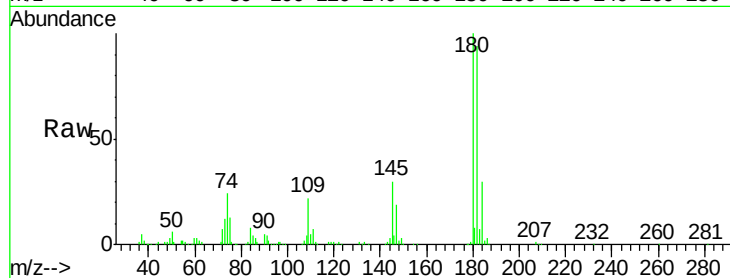




#93
 1,2,4-Trichlorobenzene
 Concen: 19.334 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY002935.D
 Acq: 19 Jun 2020 13:38

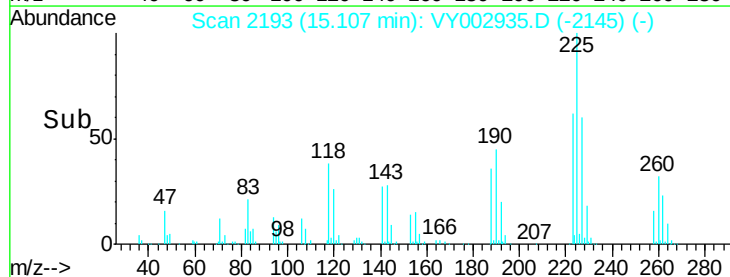
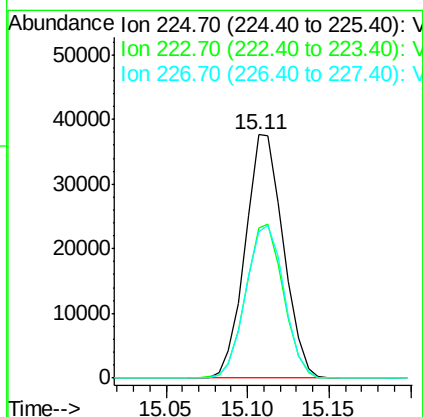
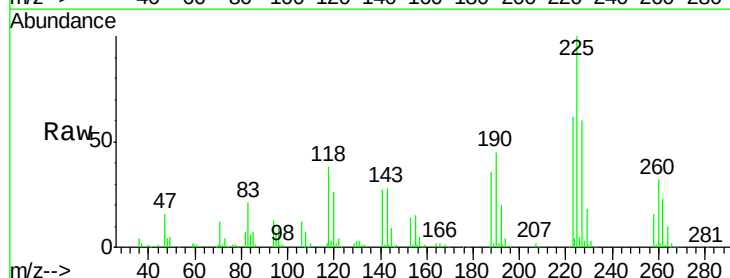
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

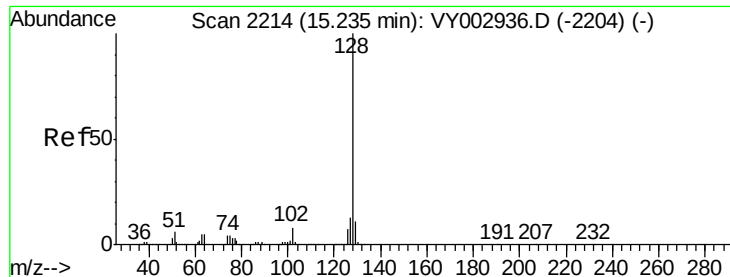
Tgt Ion:180 Resp: 103613
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.9 143.6
 145 28.5 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 19.495 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: VY002935.D
 Acq: 19 Jun 2020 13:38

Tgt Ion:225 Resp: 61068
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.3 93.8
 227 63.1 31.9 95.7

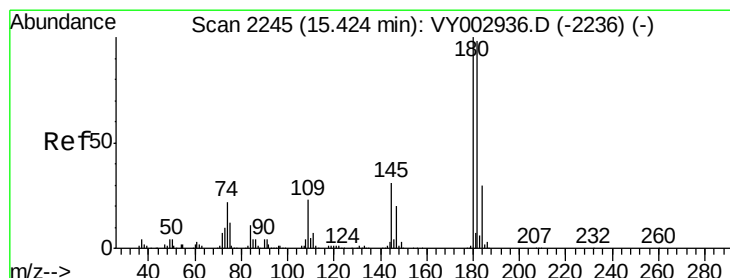
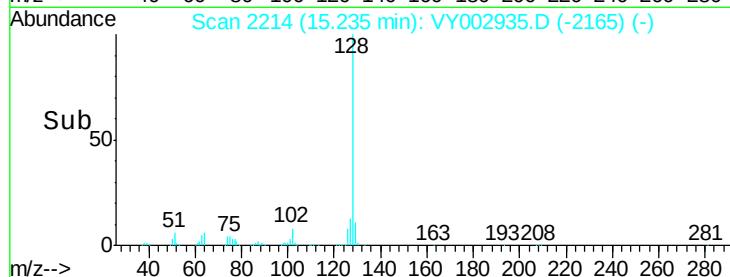
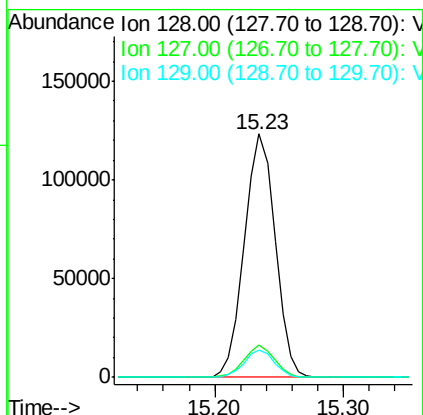
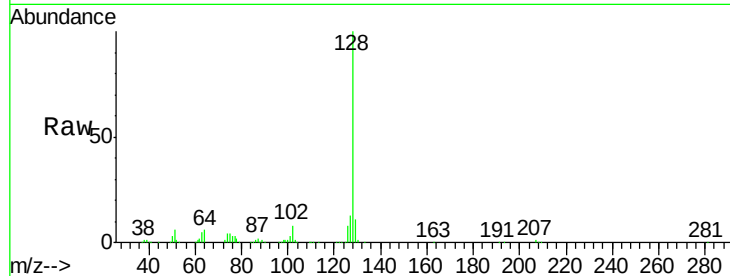




#95
Naphthalene
Concen: 19.427 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY002935.D
Acq: 19 Jun 2020 13:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 203551
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.562 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY002935.D
Acq: 19 Jun 2020 13:38

Tgt Ion:180 Resp: 93408
Ion Ratio Lower Upper
180 100
182 95.0 47.8 143.3
145 29.8 15.0 45.0

