

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042420\
 Data File : VY002482.D
 Acq On : 24 Apr 2020 15:10
 Operator : SY/MD
 Sample : VY0424SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0424SBS01

Quant Time: Apr 25 06:22:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 14:11:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	341970	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	496552	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	449549	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	214358	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	143020	47.85	ug/l	0.00
Spiked Amount						
			Recovery	=	95.70%	
35) Dibromofluoromethane	7.74	113	140162	50.04	ug/l	0.00
Spiked Amount						
			Recovery	=	100.08%	
50) Toluene-d8	10.19	98	540268	47.99	ug/l	-0.01
Spiked Amount						
			Recovery	=	95.98%	
62) 4-Bromofluorobenzene	12.49	95	186515	49.38	ug/l	0.00
Spiked Amount						
			Recovery	=	98.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	46922	18.736	ug/l	98
3) Chloromethane	2.13	50	57619	18.082	ug/l	97
4) Vinyl Chloride	2.27	62	37997	16.599	ug/l	99
5) Bromomethane	2.66	94	28634	22.288	ug/l	88
6) Chloroethane	2.81	64	25088	22.518	ug/l	97
7) Trichlorofluoromethane	3.15	101	88176	21.243	ug/l	98
8) Diethyl Ether	3.55	74	36676	21.436	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.92	101	63345	22.170	ug/l	97
10) Methyl Iodide	4.12	142	88710	20.126	ug/l	98
11) Tert butyl alcohol	5.00	59	30614	108.824	ug/l	97
12) 1,1-Dichloroethene	3.90	96	61591	21.039	ug/l	96
13) Acrolein	3.75	56	21611	95.966	ug/l	100
14) Allyl chloride	4.51	41	88888	20.662	ug/l	96
15) Acrylonitrile	5.19	53	86143	105.229	ug/l	100
16) Acetone	3.97	43	72382	115.878	ug/l	100
17) Carbon Disulfide	4.22	76	179585	19.674	ug/l	100
18) Methyl Acetate	4.51	43	41180	20.488	ug/l	99
19) Methyl tert-butyl Ether	5.25	73	164976	20.885	ug/l	97
20) Methylene Chloride	4.74	84	70375	19.733	ug/l	99
21) trans-1,2-Dichloroethene	5.25	96	67141	20.371	ug/l	94
22) Diisopropyl ether	6.15	45	177818	20.905	ug/l	97
23) Vinyl Acetate	6.09	43	571878	105.804	ug/l	99
24) 1,1-Dichloroethane	6.05	63	104782	20.346	ug/l	99
25) 2-Butanone	7.02	43	101492	106.058	ug/l	97
26) 2,2-Dichloropropane	7.01	77	101490	20.606	ug/l	98
27) cis-1,2-Dichloroethene	7.02	96	73742	20.571	ug/l	99
28) Bromochloromethane	7.36	49	40942	20.378	ug/l	97
29) Tetrahydrofuran	7.38	42	67469	106.341	ug/l	99
30) Chloroform	7.53	83	110914	20.227	ug/l	100
31) Cyclohexane	7.80	56	100926	19.598	ug/l	97
32) 1,1,1-Trichloroethane	7.72	97	103351	19.947	ug/l	99
36) 1,1-Dichloropropene	7.94	75	86745	20.374	ug/l	100
37) Ethyl Acetate	7.10	43	45873	21.446	ug/l	100
38) Carbon Tetrachloride	7.92	117	97652	19.945	ug/l	99

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 Sample : VY0424SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 14:11:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	112485	20.252	ug/l	97
40) Benzene	8.18	78	253025	20.561	ug/l	99
41) Methacrylonitrile	7.35	41	27380m	20.777	ug/l	
42) 1,2-Dichloroethane	8.26	62	72309	20.227	ug/l	100
43) Isopropyl Acetate	8.29	43	84370	21.089	ug/l	100
44) Trichloroethene	8.96	130	79064	20.547	ug/l	97
45) 1,2-Dichloropropane	9.23	63	59086	20.833	ug/l	94
46) Dibromomethane	9.32	93	34471	20.774	ug/l	98
47) Bromodichloromethane	9.51	83	85458	20.594	ug/l	99
48) Methyl methacrylate	9.31	41	37391	20.473	ug/l	97
49) 1,4-Dioxane	9.31	88	8449	399.530	ug/l	88
51) 4-Methyl-2-Pentanone	10.08	43	219412	105.588	ug/l	99
52) Toluene	10.25	92	160269	20.232	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	89723	20.588	ug/l	97
54) cis-1,3-Dichloropropene	9.94	75	103058	20.661	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	51390	20.946	ug/l	96
56) Ethyl methacrylate	10.52	69	69550	20.746	ug/l	99
57) 1,3-Dichloropropane	10.80	76	86545	20.893	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.80	63	168790	104.117	ug/l	99
59) 2-Hexanone	10.84	43	151432	104.549	ug/l	99
60) Dibromochloromethane	10.99	129	64503	20.064	ug/l	99
61) 1,2-Dibromoethane	11.10	107	50921	20.930	ug/l	98
64) Tetrachloroethene	10.73	164	85648	20.788	ug/l	99
65) Chlorobenzene	11.52	112	177884	20.525	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	67031	20.613	ug/l	99
67) Ethyl Benzene	11.60	91	314027	20.331	ug/l	100
68) m/p-Xylenes	11.71	106	244208	41.070	ug/l	98
69) o-Xylene	12.03	106	114822	20.853	ug/l	99
70) Styrene	12.05	104	198034	20.655	ug/l	99
71) Bromoform	12.22	173	42464	20.729	ug/l #	100
73) Isopropylbenzene	12.34	105	315917	22.045	ug/l	99
74) N-amyl acetate	12.15	43	76773	22.608	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.59	83	50001	22.718	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	36079m	19.859	ug/l	
77) Bromobenzene	12.62	156	78333	21.794	ug/l	97
78) n-propylbenzene	12.68	91	361857	21.747	ug/l	100
79) 2-Chlorotoluene	12.77	91	201839	22.168	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	264290	21.729	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	22124	22.534	ug/l #	75
82) 4-Chlorotoluene	12.86	91	211744	22.501	ug/l	100
83) tert-Butylbenzene	13.08	119	210794	19.957	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	254036	21.769	ug/l	100
85) sec-Butylbenzene	13.26	105	287633	20.338	ug/l	100
86) p-Isopropyltoluene	13.38	119	271751	20.148	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	134566	20.243	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	136437	20.640	ug/l	99
89) n-Butylbenzene	13.70	91	255572	20.541	ug/l	99
90) Hexachloroethane	13.97	117	53440	21.921	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	113023	19.743	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	9555	21.867	ug/l	97

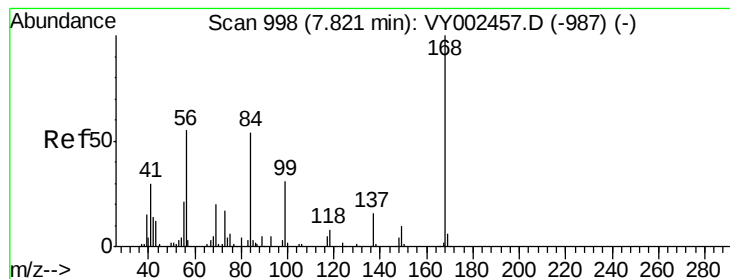
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042420\
Data File : VY002482.D
Acq On : 24 Apr 2020 15:10
Operator : SY/MD
Sample : VY0424SBSD01
Misc : 5.00G/5ML/MSVOA Y/SOIL
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Instrument :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042320S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 23 14:11:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	100886	22.328	ug/l	100
94) Hexachlorobutadiene	15.12	225	60834	22.309	ug/l	99
95) Naphthalene	15.25	128	188502	22.495	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	87788	22.906	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.01 min

Lab File: VY002482.D

Acq: 24 Apr 2020 15:10

Instrument :

MSVOA_Y

ClientSampleId :

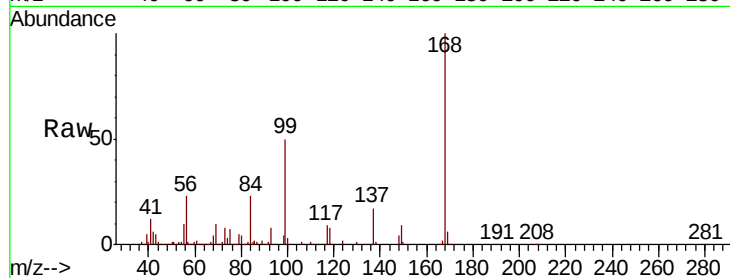
VY0424SBS01

Tot Ion:168 Resp: 341970

Ion Ratio Lower Upper

168 100

99 50.2 39.7 59.5



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

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

7.82

150000

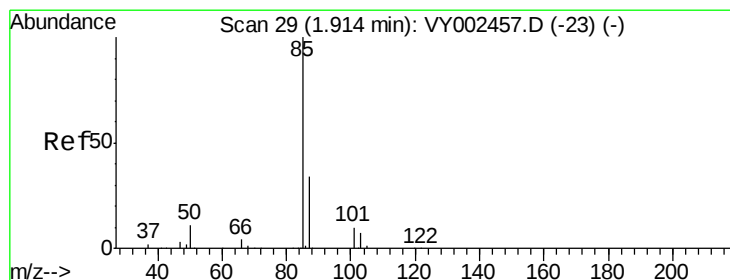
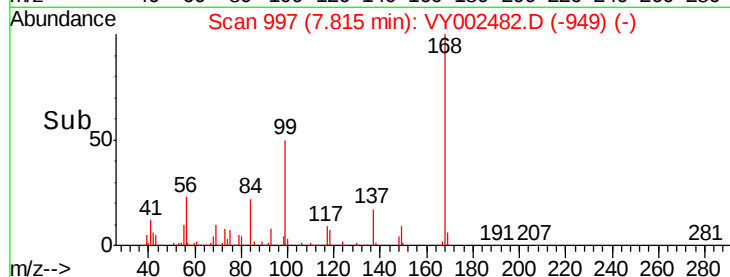
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 18.736 ug/l

RT: 1.91 min Scan# 29

Delta R.T. -0.00 min

Lab File: VY002482.D

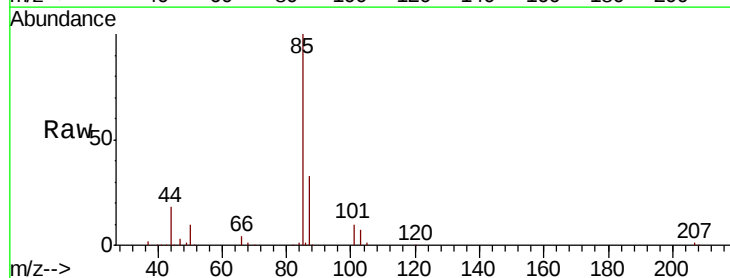
Acq: 24 Apr 2020 15:10

Tgt Ion: 85 Resp: 46922

Ion Ratio Lower Upper

85 100

87 33.3 17.1 51.3



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

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

1.91

30000

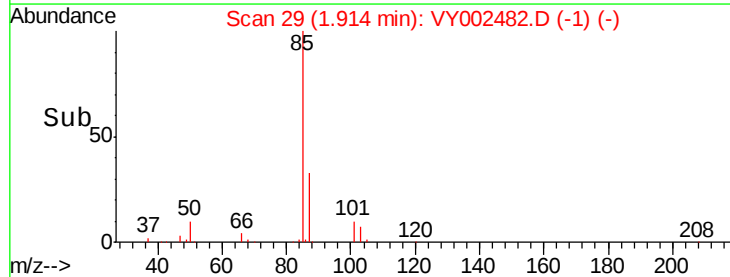
20000

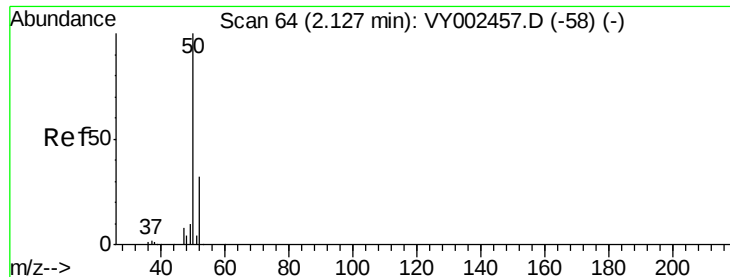
10000

0

1.85 1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 18.082 ug/l

RT: 2.13 min Scan# 64

Delta R.T. -0.00 min

Lab File: VY002482.D

Acq: 24 Apr 2020 15:10

Instrument :

MSVOA_Y

ClientSampleId :

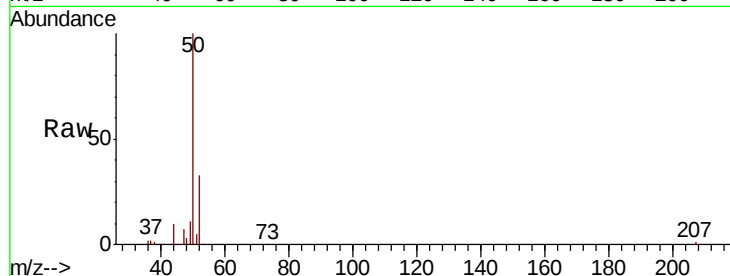
VY0424SBS01

Tot Ion: 50 Resp: 57619

Ion Ratio Lower Upper

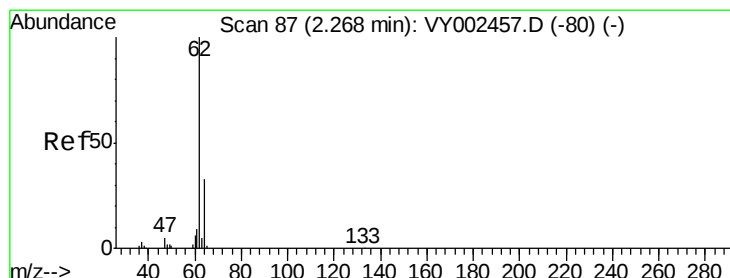
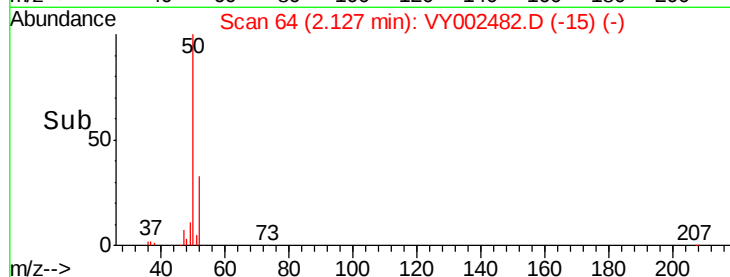
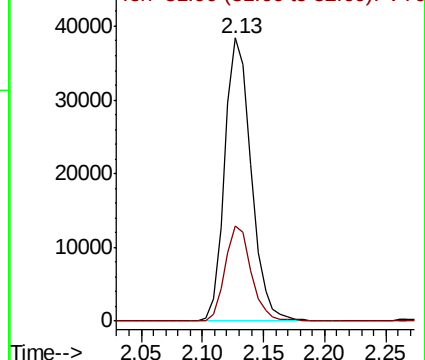
50 100

52 33.4 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 16.599 ug/l

RT: 2.27 min Scan# 87

Delta R.T. -0.00 min

Lab File: VY002482.D

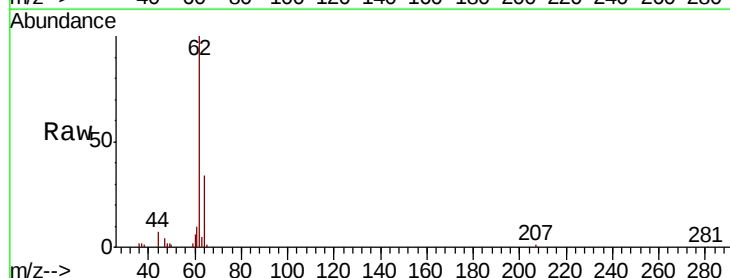
Acq: 24 Apr 2020 15:10

Tgt Ion: 62 Resp: 37997

Ion Ratio Lower Upper

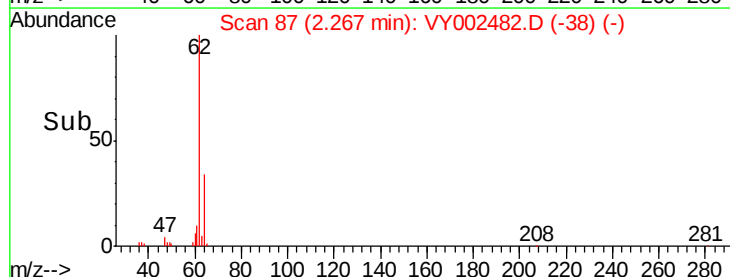
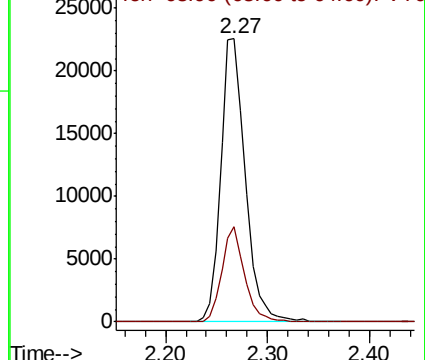
62 100

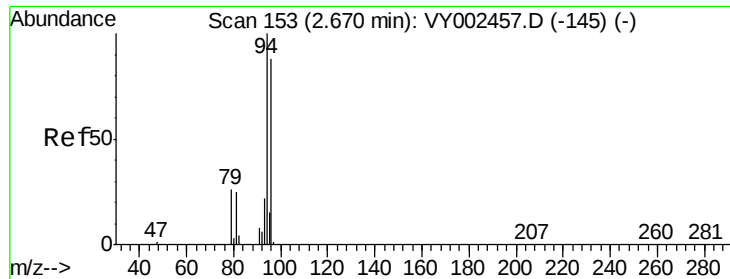
64 33.6 26.6 39.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 22.288 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.01 min

Lab File: VY002482.D

Acq: 24 Apr 2020 15:10

Instrument :

MSVOA_Y

ClientSampleId :

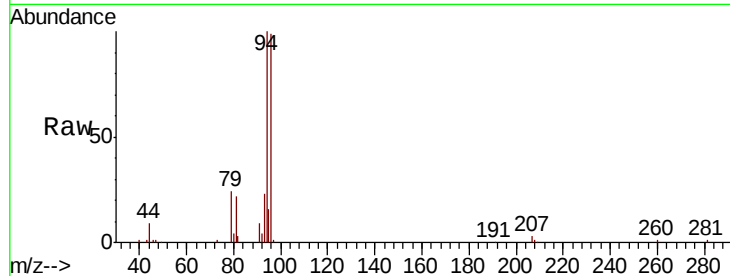
VY0424SBS01

Tot Ion: 94 Resp: 28634

Ion Ratio Lower Upper

94 100

96 98.9 70.2 105.4



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.66

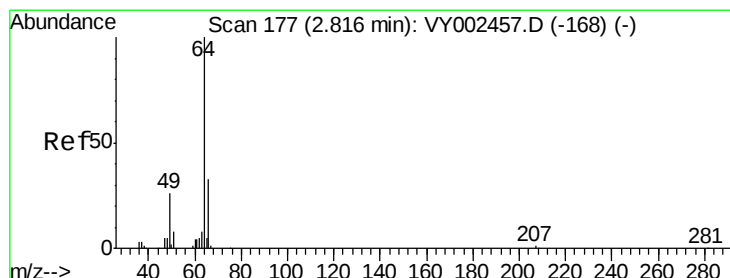
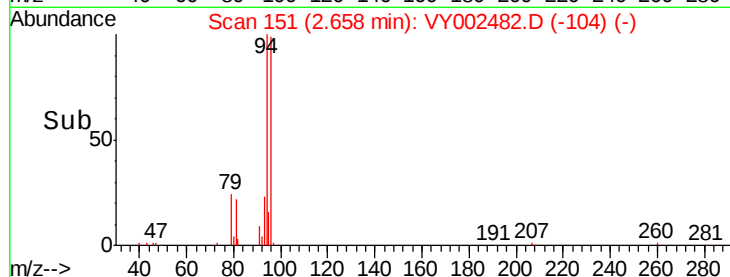
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 22.518 ug/l

RT: 2.81 min Scan# 176

Delta R.T. -0.01 min

Lab File: VY002482.D

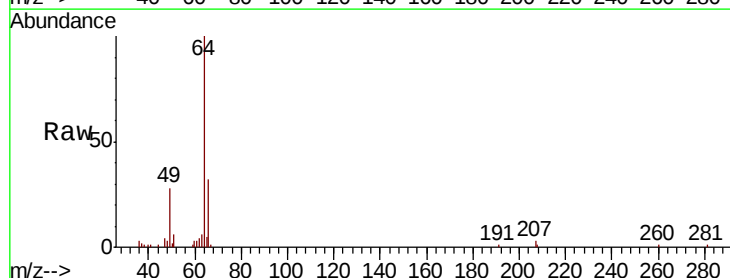
Acq: 24 Apr 2020 15:10

Tgt Ion: 64 Resp: 25088

Ion Ratio Lower Upper

64 100

66 31.5 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

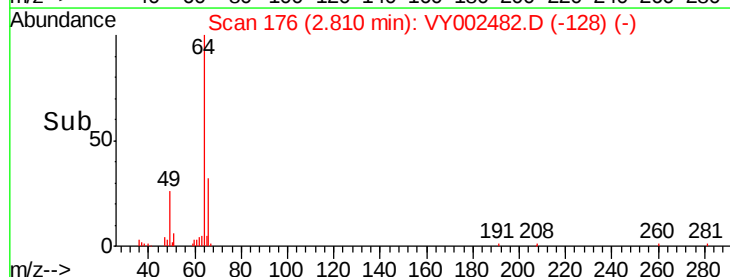
2.81

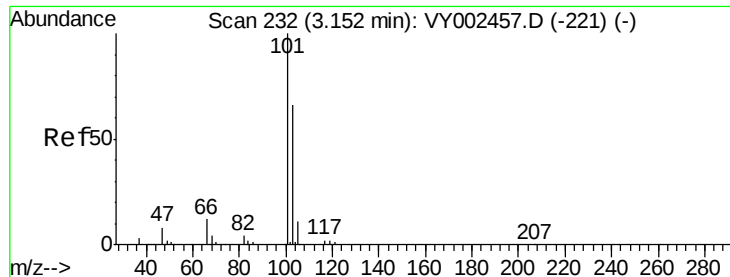
10000

5000

0

Time-->



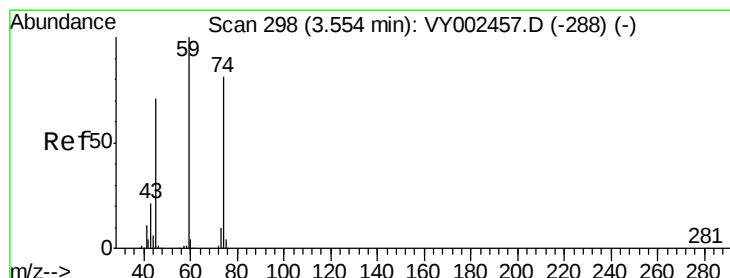
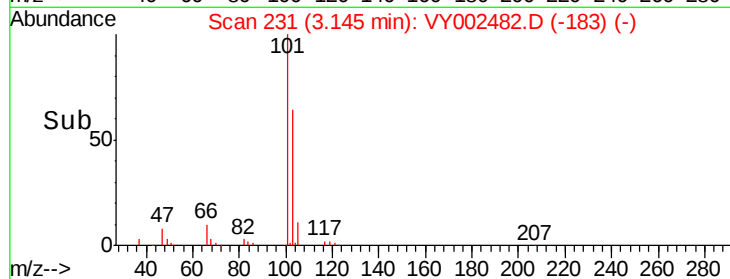
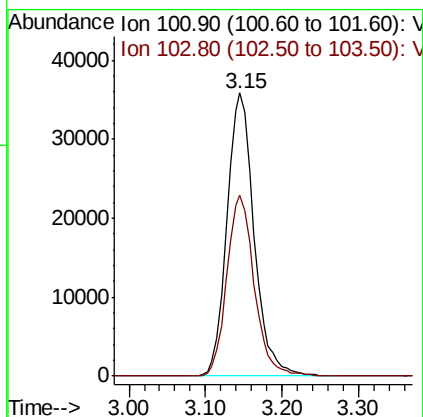
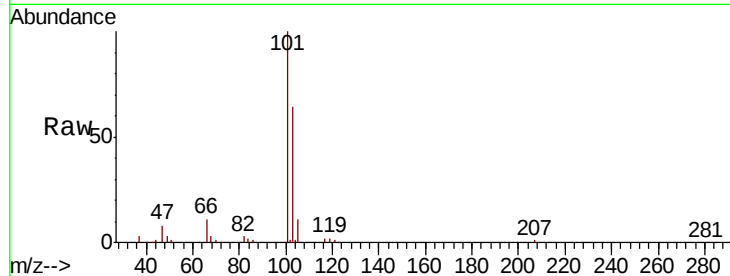


#7

Trichlorofluoromethane
Concen: 21.243 ug/l
RT: 3.15 min Scan# 231
Delta R.T. -0.01 min
Lab File: VY002482.D
Acq: 24 Apr 2020 15:10

Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBS01

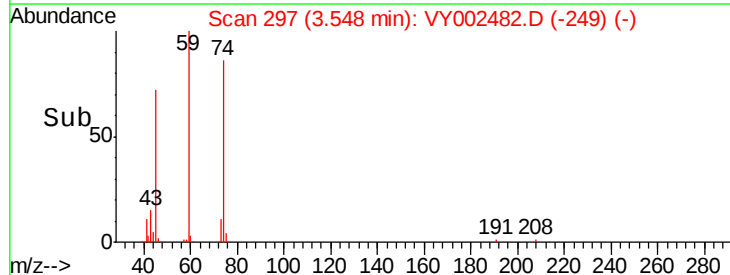
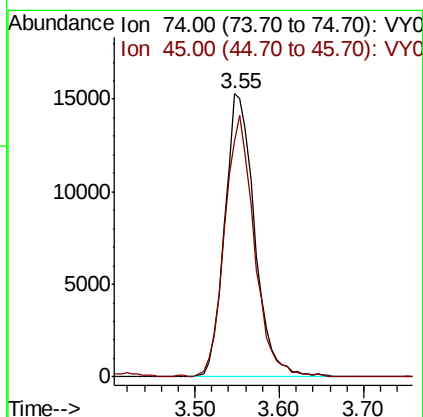
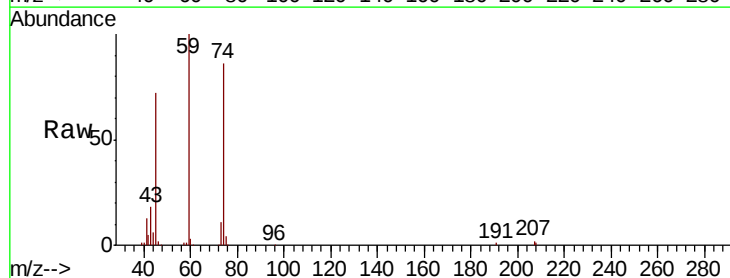
Tot Ion:101 Resp: 88176
Ion Ratio Lower Upper
101 100
103 63.8 52.5 78.7

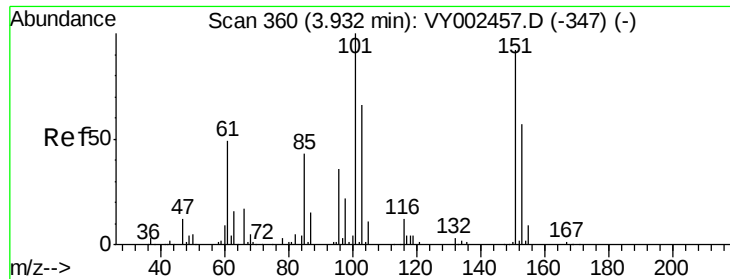


#8

Diethyl Ether
Concen: 21.436 ug/l
RT: 3.55 min Scan# 297
Delta R.T. -0.01 min
Lab File: VY002482.D
Acq: 24 Apr 2020 15:10

Tgt Ion: 74 Resp: 36676
Ion Ratio Lower Upper
74 100
45 91.8 44.0 132.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.170 ug/l

RT: 3.92 min Scan# 358

Delta R.T. -0.01 min

Lab File: VY002482.D

Acq: 24 Apr 2020 15:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0424SBS01

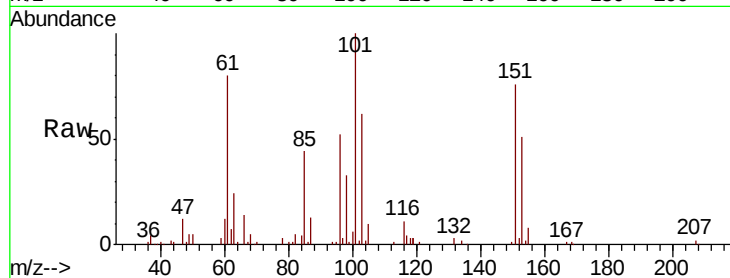
Tot Ion:101 Resp: 63345

Ion Ratio Lower Upper

101 100

85 43.8 34.1 51.1

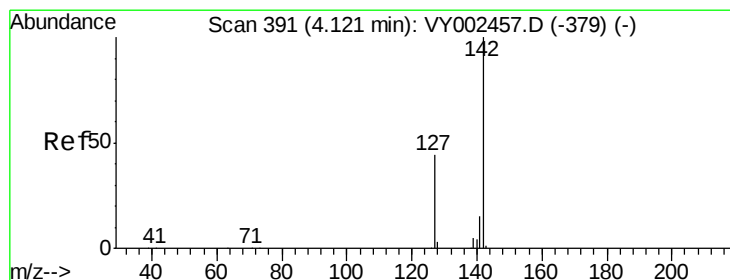
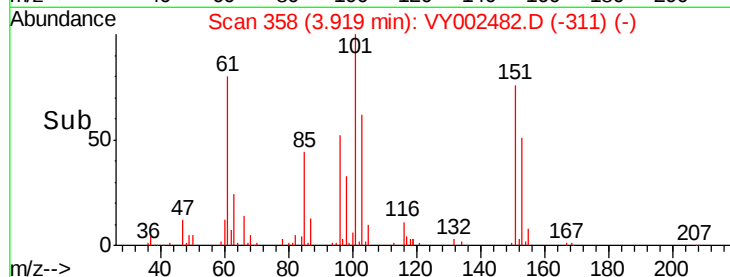
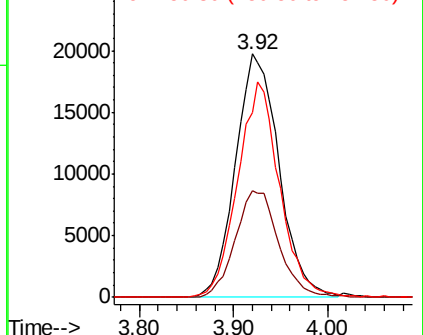
151 85.3 70.3 105.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.126 ug/l

RT: 4.12 min Scan# 391

Delta R.T. -0.00 min

Lab File: VY002482.D

Acq: 24 Apr 2020 15:10

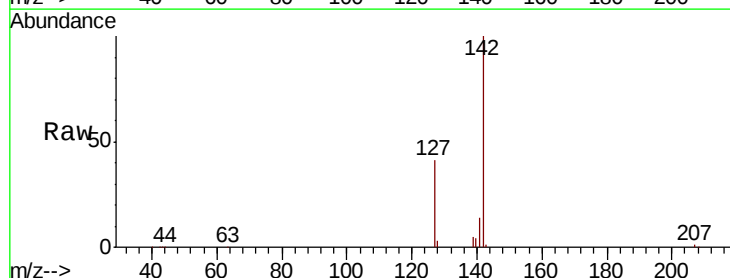
Tgt Ion:142 Resp: 88710

Ion Ratio Lower Upper

142 100

127 42.9 35.8 53.8

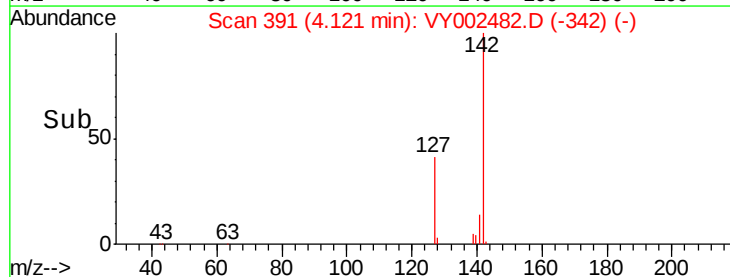
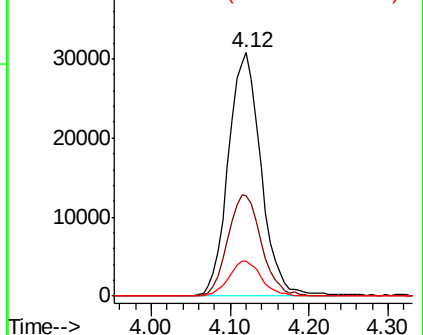
141 14.2 11.6 17.4

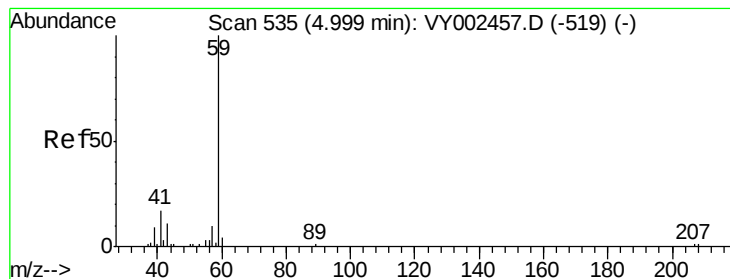


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



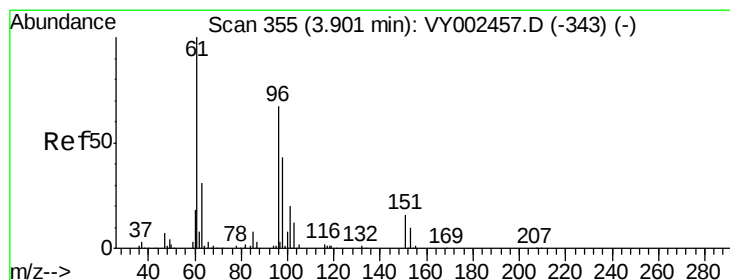
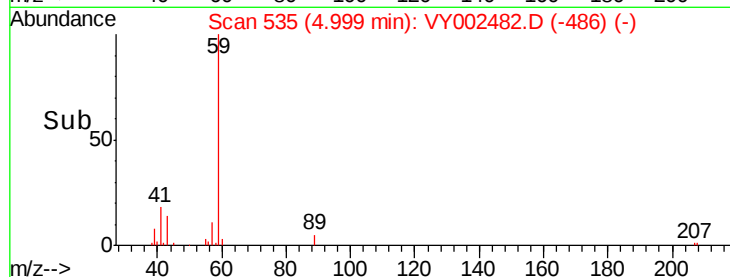
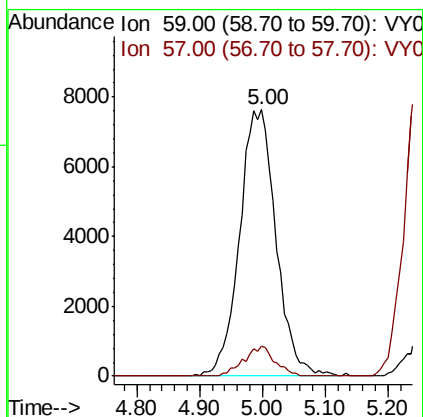
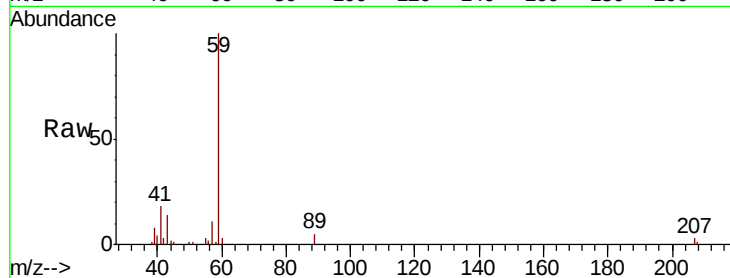


#11

Tert butyl alcohol
 Concen: 108.824 ug/l
 RT: 5.00 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: VY002482.D
 Acq: 24 Apr 2020 15:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0424SBS01

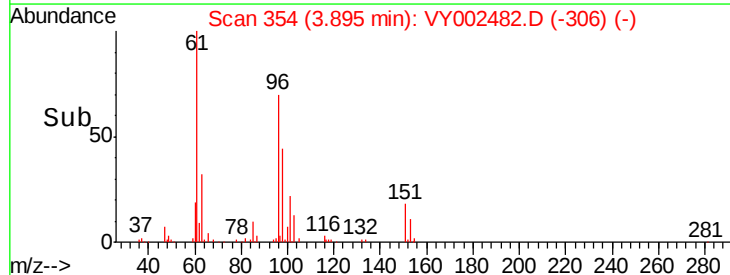
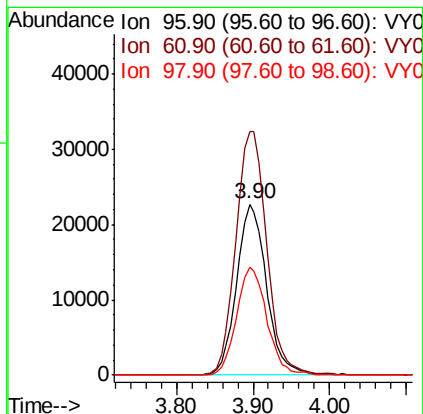
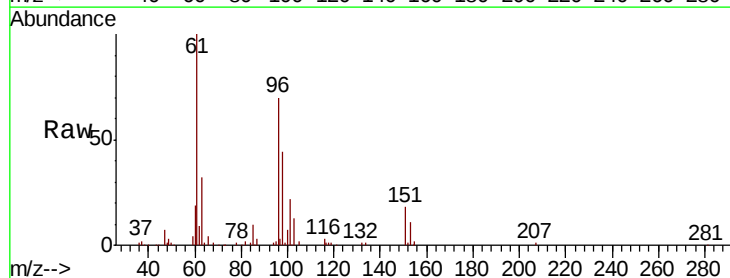
Tot Ion: 59 Resp: 30614
 Ion Ratio Lower Upper
 59 100
 57 9.5 8.4 12.6

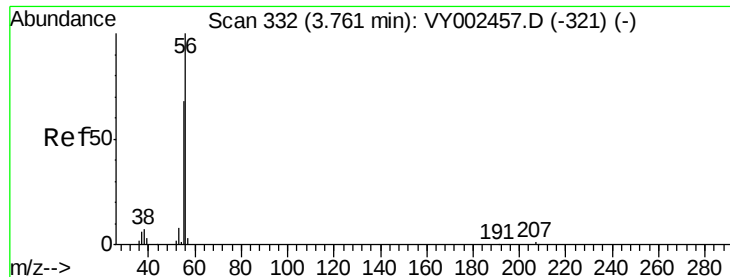


#12

1,1-Dichloroethene
 Concen: 21.039 ug/l
 RT: 3.90 min Scan# 354
 Delta R.T. -0.01 min
 Lab File: VY002482.D
 Acq: 24 Apr 2020 15:10

Tgt Ion: 96 Resp: 61591
 Ion Ratio Lower Upper
 96 100
 61 142.6 119.0 178.6
 98 62.9 51.4 77.2





#13

Acrolein

Concen: 95.966 ug/l

RT: 3.75 min Scan# 331

Delta R.T. -0.01 min

Lab File: VY002482.D

Acq: 24 Apr 2020 15:10

Instrument :

MSVOA_Y

ClientSampleId :

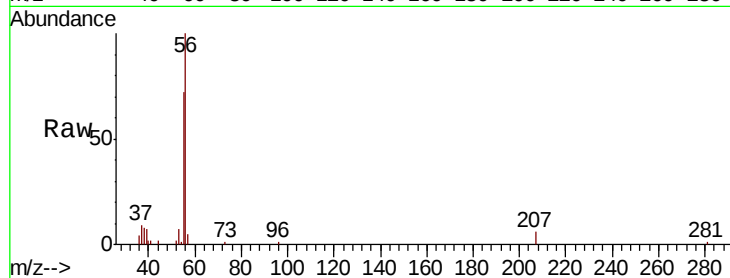
VY0424SBS01

Tot Ion: 56 Resp: 21611

Ion Ratio Lower Upper

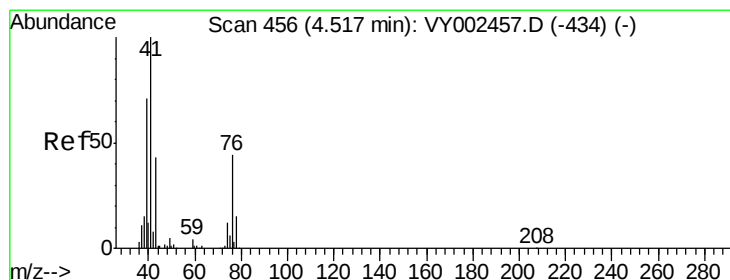
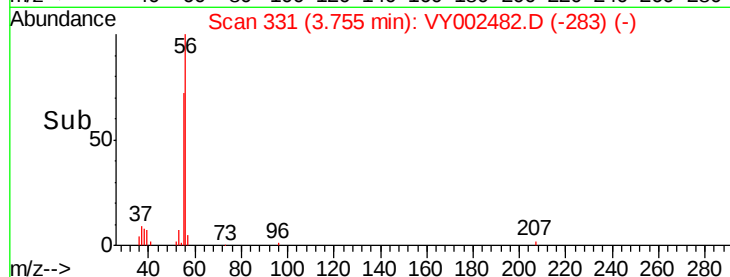
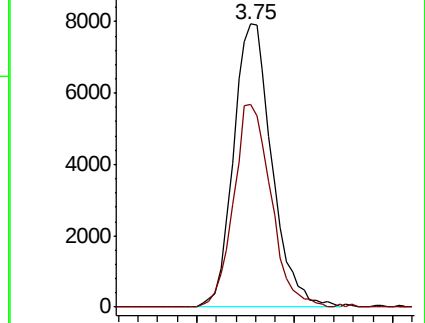
56 100

55 69.9 55.8 83.6



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 20.662 ug/l

RT: 4.51 min Scan# 455

Delta R.T. -0.01 min

Lab File: VY002482.D

Acq: 24 Apr 2020 15:10

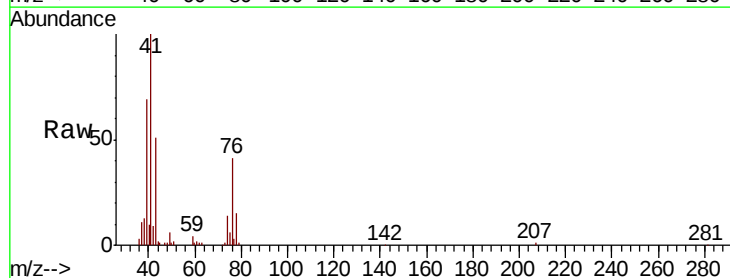
Tgt Ion: 41 Resp: 88888

Ion Ratio Lower Upper

41 100

39 65.1 55.1 82.7

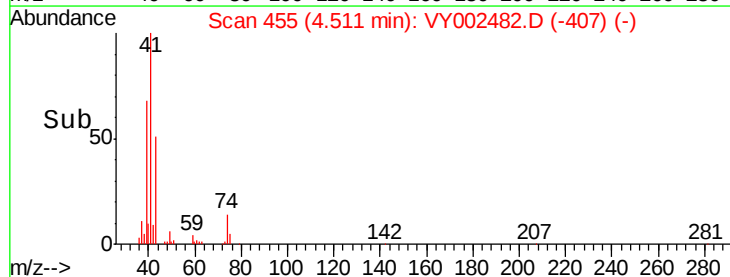
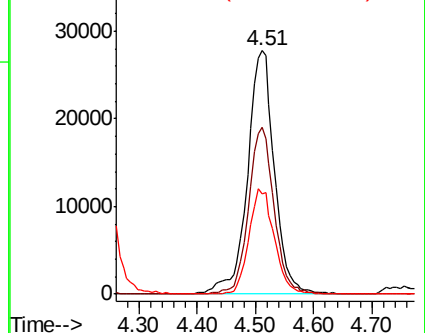
76 40.7 34.3 51.5

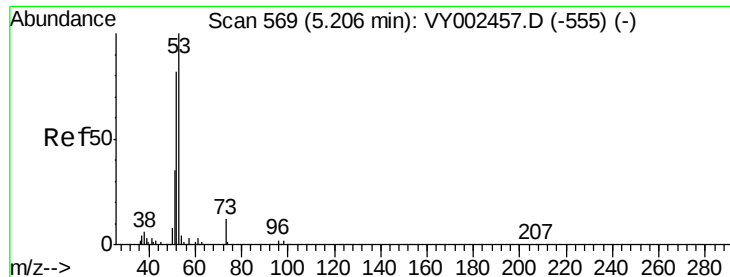


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 105.229 ug/l

RT: 5.19 min Scan# 567

Delta R.T. -0.01 min

Lab File: VY002482.D

Acq: 24 Apr 2020 15:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0424SBS01

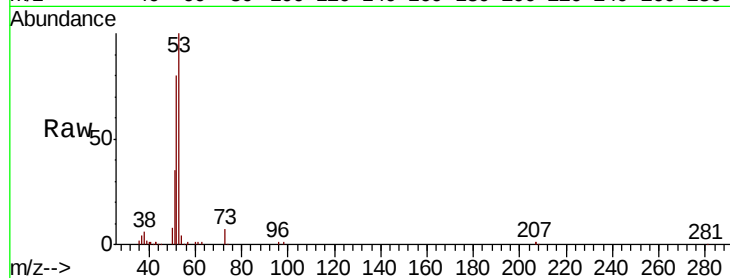
Tot Ion: 53 Resp: 86143

Ion Ratio Lower Upper

53 100

52 81.5 65.4 98.2

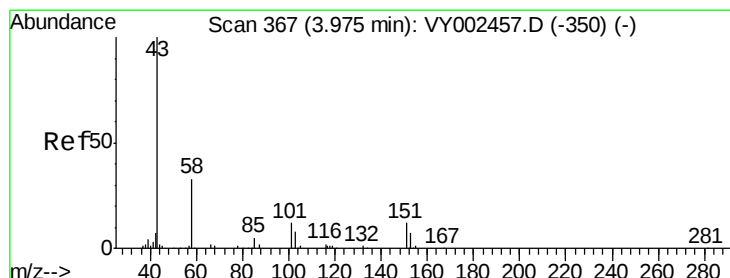
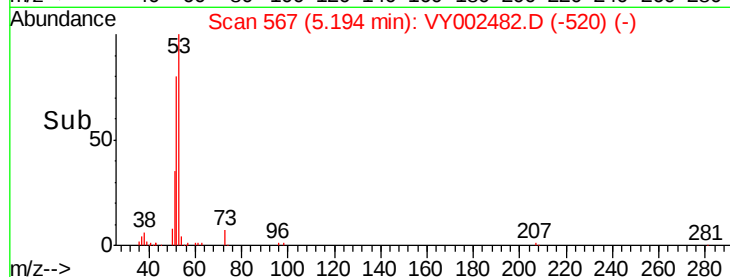
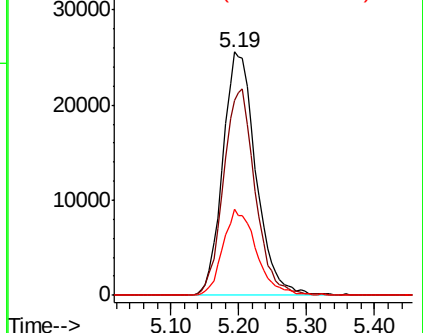
51 35.9 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 115.878 ug/l

RT: 3.97 min Scan# 367

Delta R.T. -0.00 min

Lab File: VY002482.D

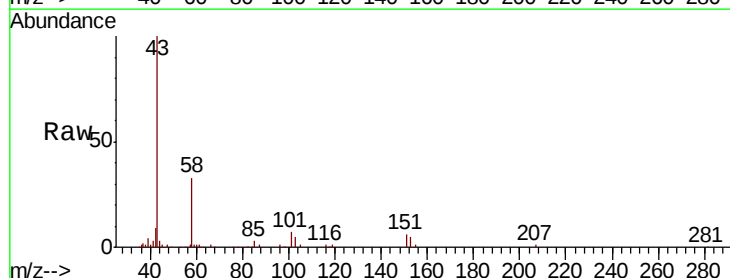
Acq: 24 Apr 2020 15:10

Tgt Ion: 43 Resp: 72382

Ion Ratio Lower Upper

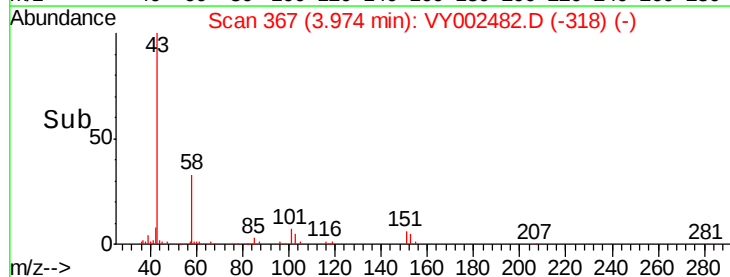
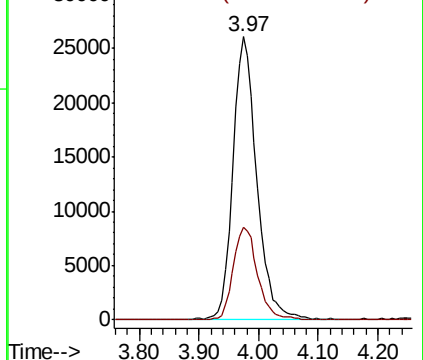
43 100

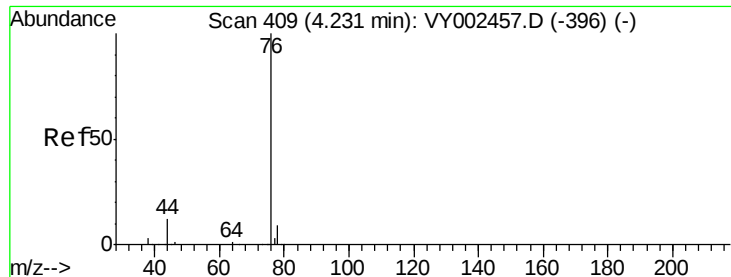
58 32.8 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

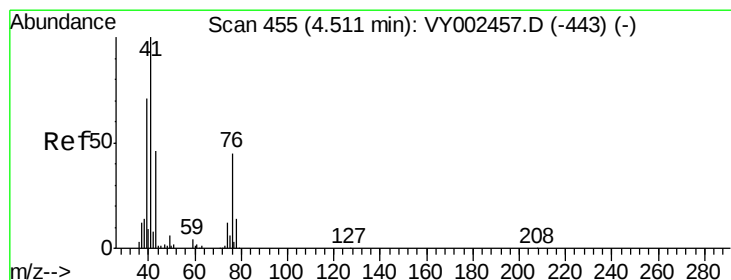
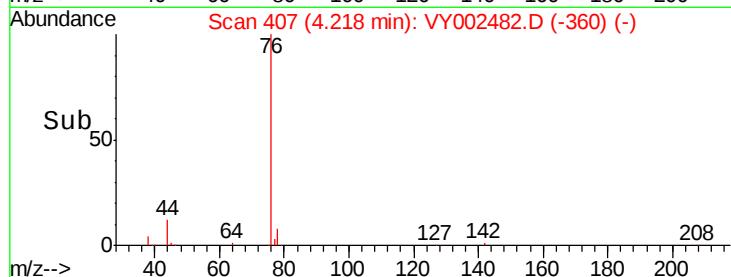
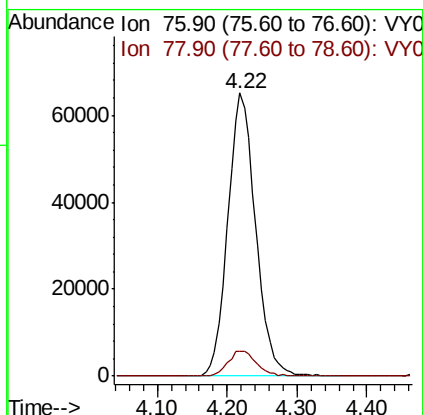
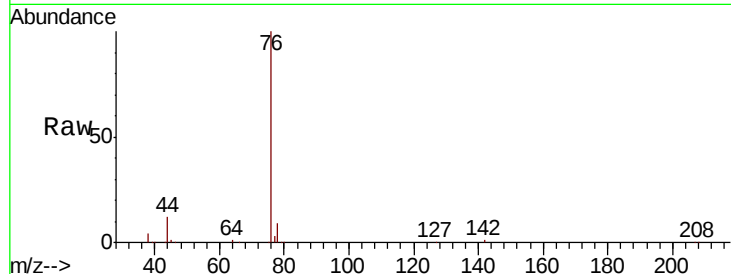




#17
Carbon Disulfide
Concen: 19.674 ug/l
RT: 4.22 min Scan# 407
Delta R.T. -0.01 min
Lab File: VY002482.D
Acq: 24 Apr 2020 15:10

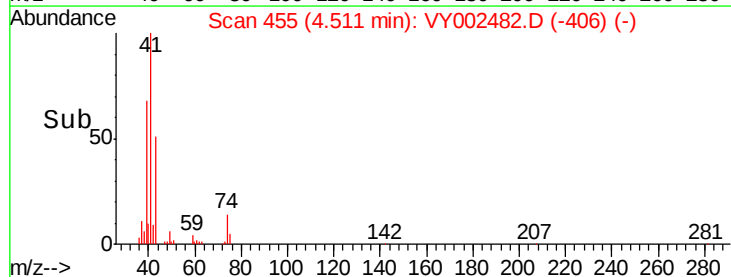
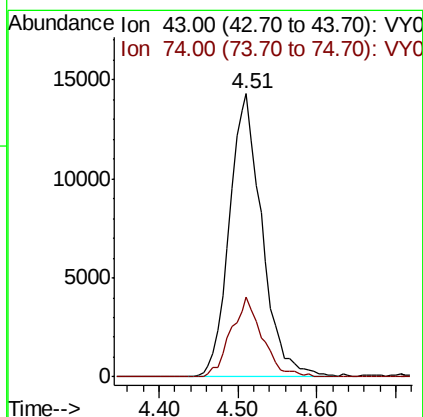
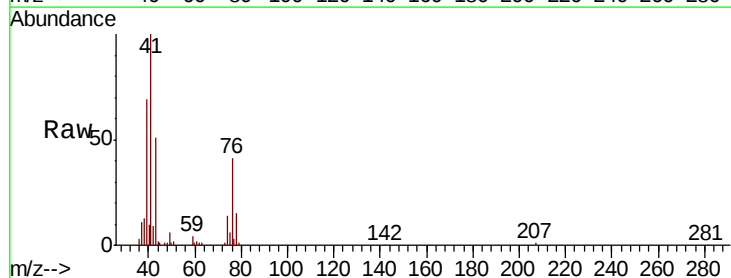
Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBS01

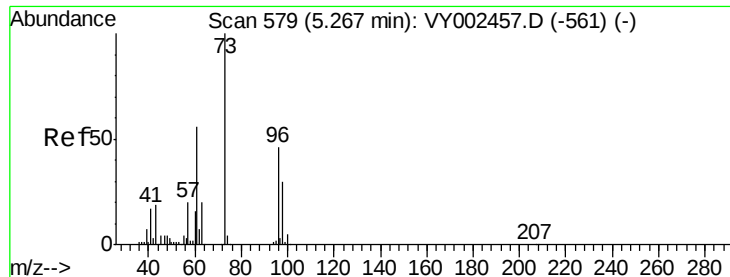
Tot Ion: 76 Resp: 179585
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9



#18
Methyl Acetate
Concen: 20.488 ug/l
RT: 4.51 min Scan# 455
Delta R.T. -0.00 min
Lab File: VY002482.D
Acq: 24 Apr 2020 15:10

Tgt Ion: 43 Resp: 41180
Ion Ratio Lower Upper
43 100
74 27.0 22.0 33.0



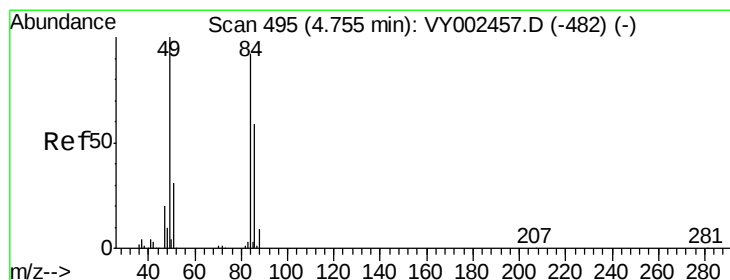
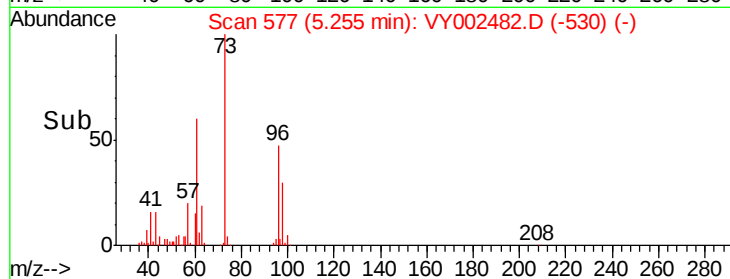
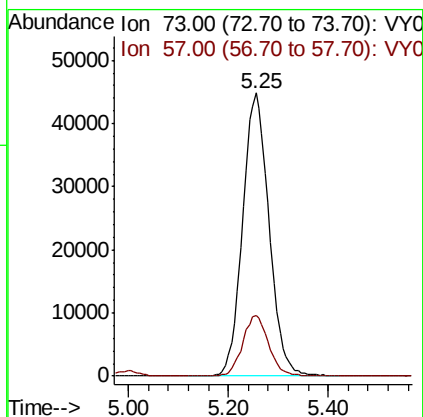
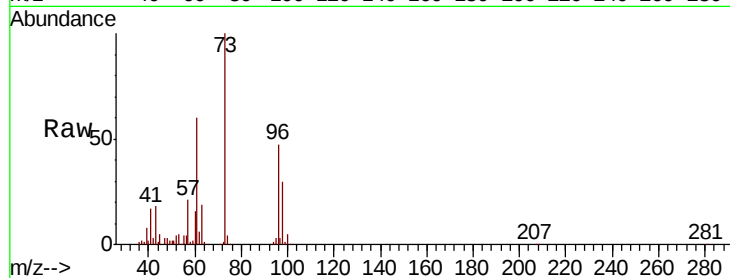


#19

Methyl tert-butyl Ether
 Concen: 20.885 ug/l
 RT: 5.25 min Scan# 577
 Delta R.T. -0.01 min
 Lab File: VY002482.D
 Acq: 24 Apr 2020 15:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0424SBS01

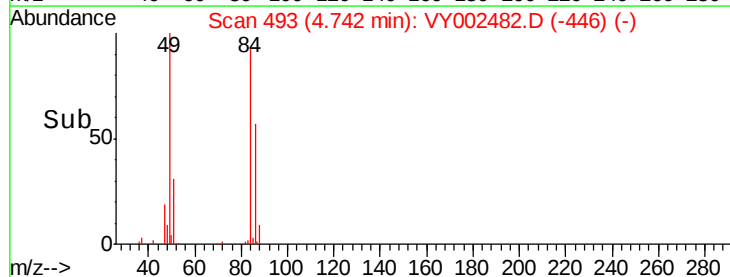
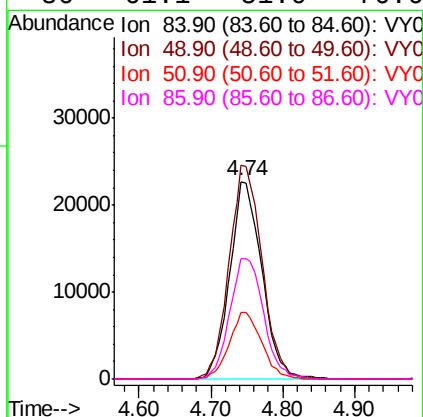
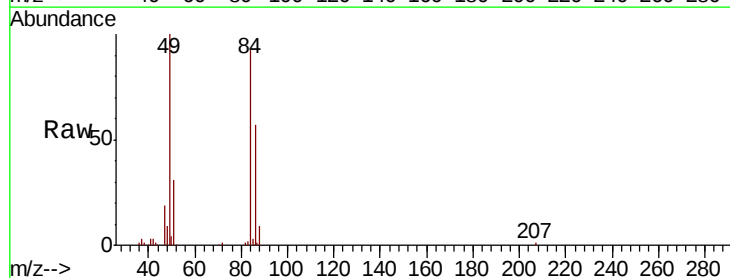
Tot Ion: 73 Resp: 164976
 Ion Ratio Lower Upper
 73 100
 57 21.4 16.0 24.0

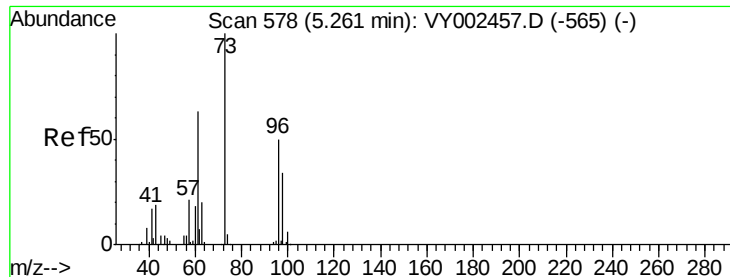


#20

Methylene Chloride
 Concen: 19.733 ug/l
 RT: 4.74 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: VY002482.D
 Acq: 24 Apr 2020 15:10

Tgt Ion: 84 Resp: 70375
 Ion Ratio Lower Upper
 84 100
 49 108.1 86.9 130.3
 51 33.6 27.3 40.9
 86 61.1 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 20.371 ug/l

RT: 5.25 min Scan# 576

Delta R.T. -0.01 min

Lab File: VY002482.D

Acq: 24 Apr 2020 15:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0424SBS01

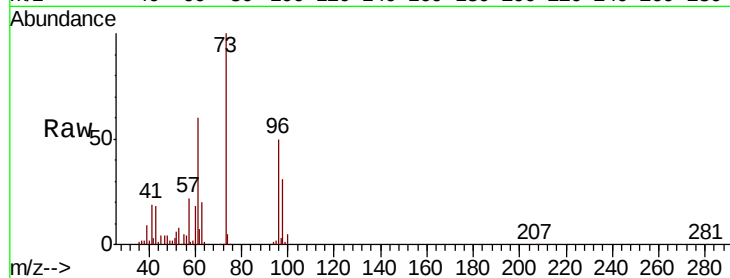
Tot Ion: 96 Resp: 67141

Ion Ratio Lower Upper

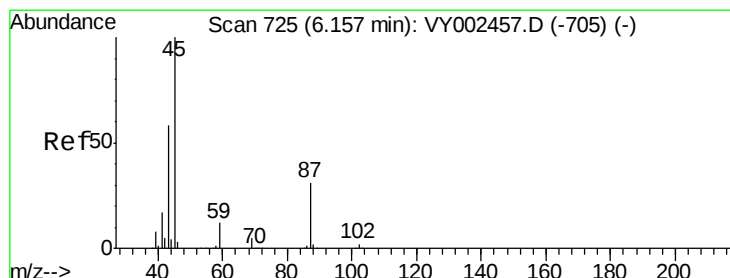
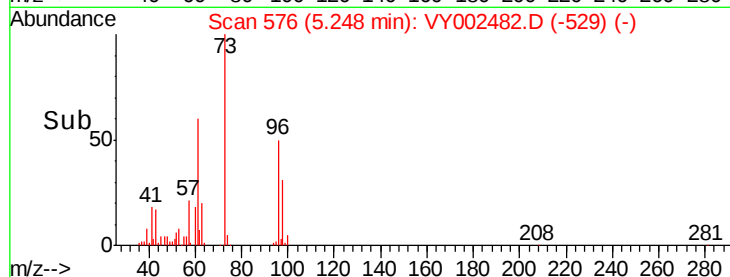
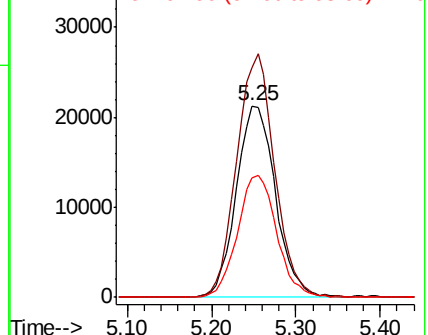
96 100

61 119.7 101.4 152.0

98 62.6 53.6 80.4



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: 20.905 ug/l

RT: 6.15 min Scan# 724

Delta R.T. -0.01 min

Lab File: VY002482.D

Acq: 24 Apr 2020 15:10

Tgt Ion: 45 Resp: 177818

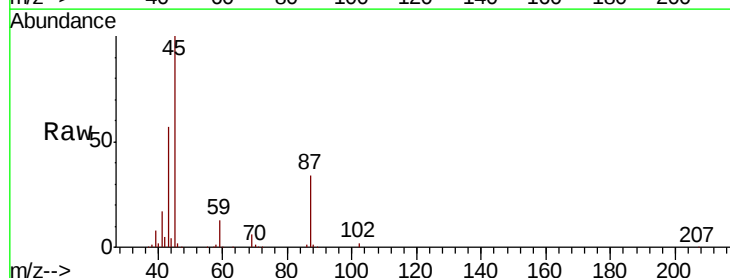
Ion Ratio Lower Upper

45 100

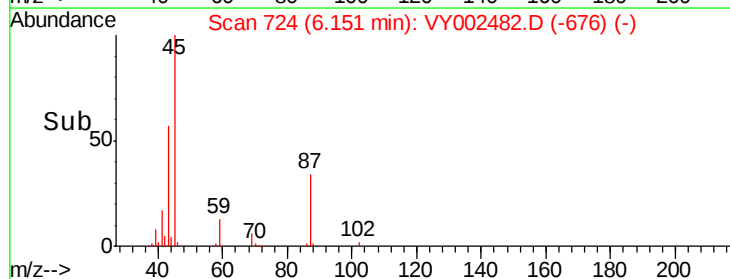
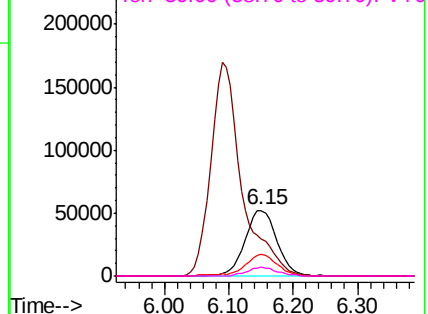
43 56.7 47.1 70.7

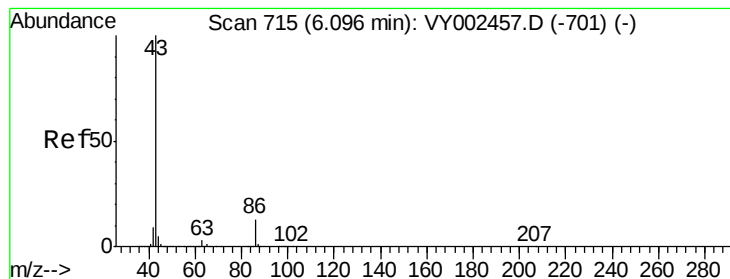
87 33.6 25.0 37.6

59 12.8 9.7 14.5



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: 105.804 ug/l

RT: 6.09 min Scan# 714

Delta R.T. -0.01 min

Lab File: VY002482.D

Acq: 24 Apr 2020 15:10

Instrument :

MSVOA_Y

ClientSampleId :

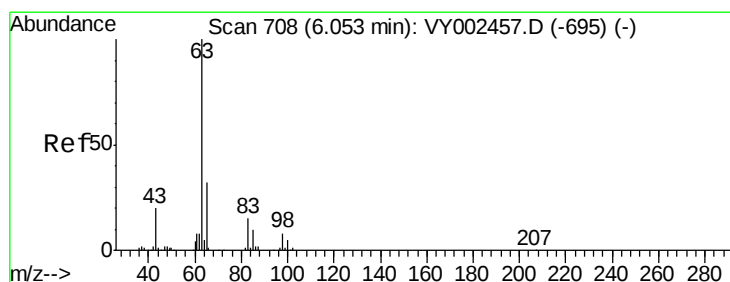
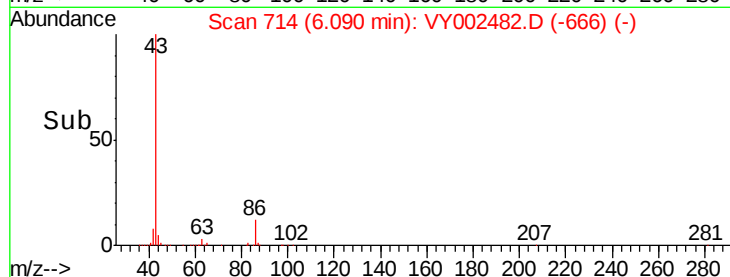
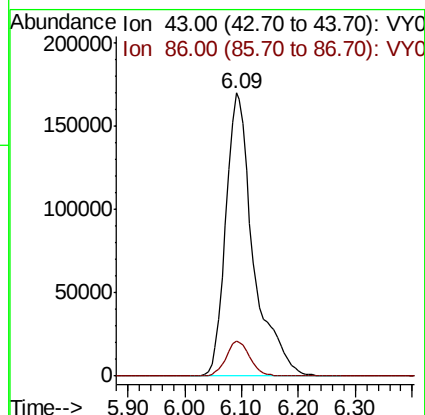
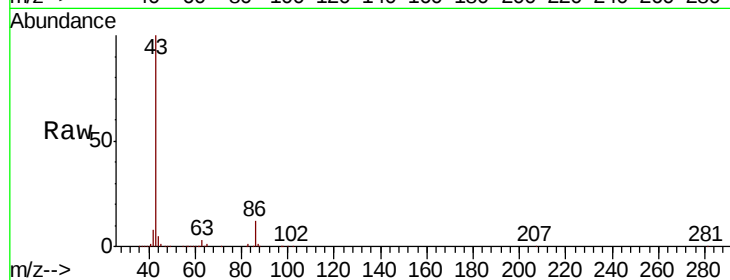
VY0424SBS01

Tot Ion: 43 Resp: 571878

Ion Ratio Lower Upper

43 100

86 12.3 10.2 15.4



#24

1,1-Dichloroethane

Concen: 20.346 ug/l

RT: 6.05 min Scan# 707

Delta R.T. -0.01 min

Lab File: VY002482.D

Acq: 24 Apr 2020 15:10

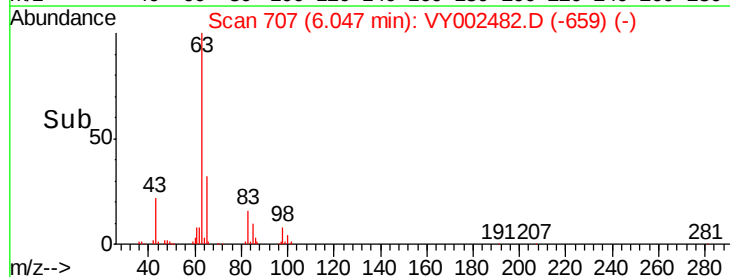
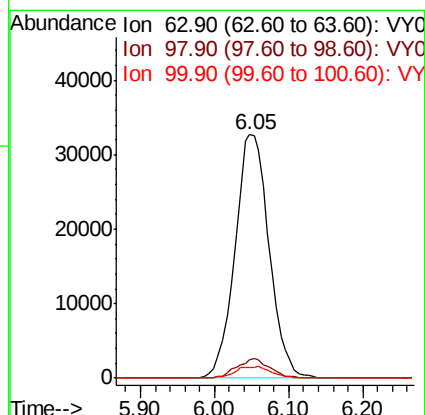
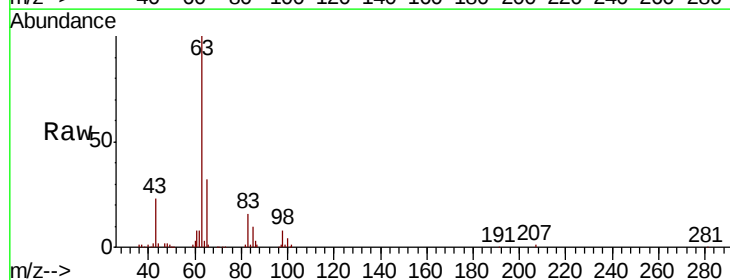
Tgt Ion: 63 Resp: 104782

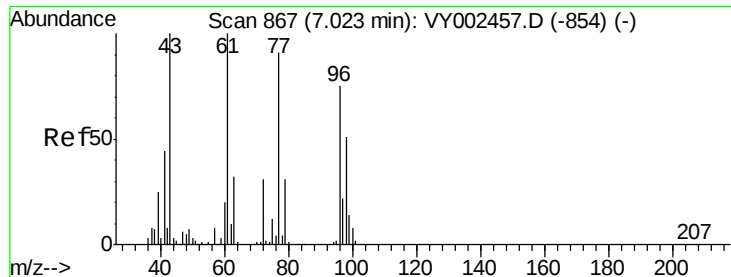
Ion Ratio Lower Upper

63 100

98 7.8 4.1 12.3

100 4.5 2.5 7.4

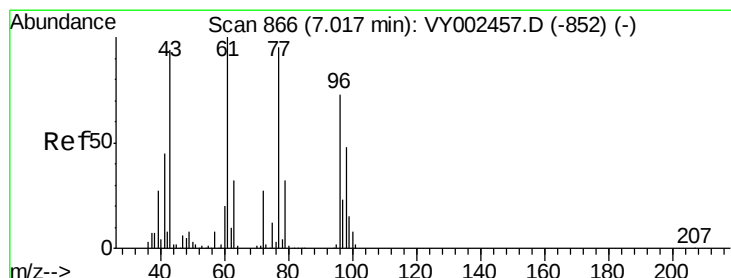
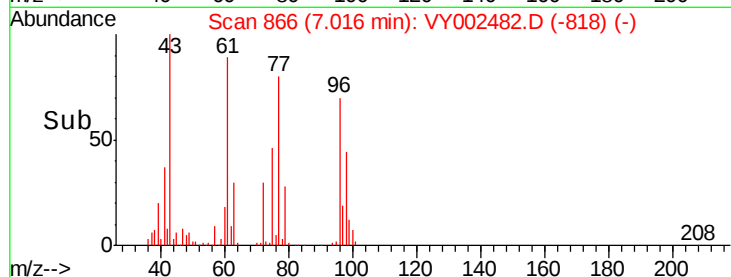
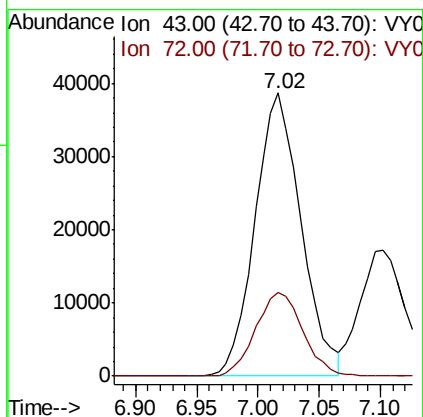
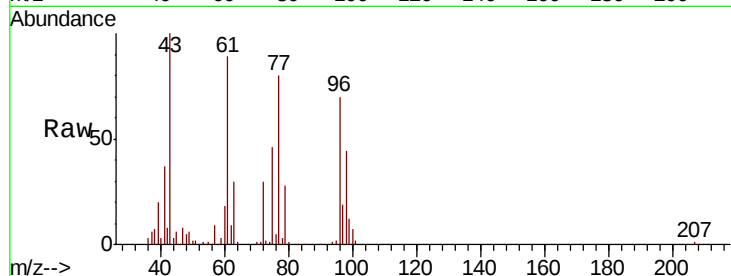




#25
2-Butanone
Concen: 106.058 ug/l
RT: 7.02 min Scan# 866
Delta R.T. -0.01 min
Lab File: VY002482.D
Acq: 24 Apr 2020 15:10

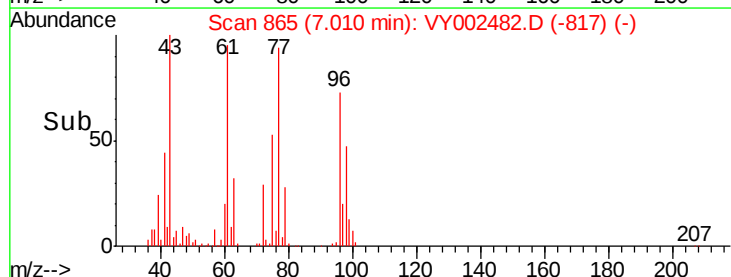
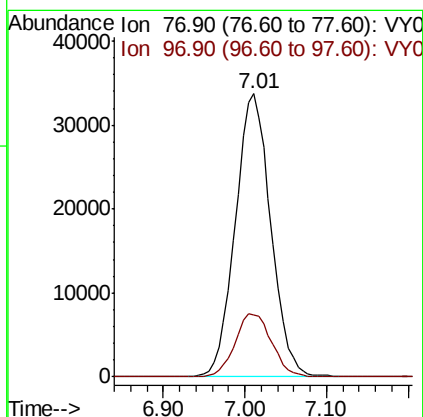
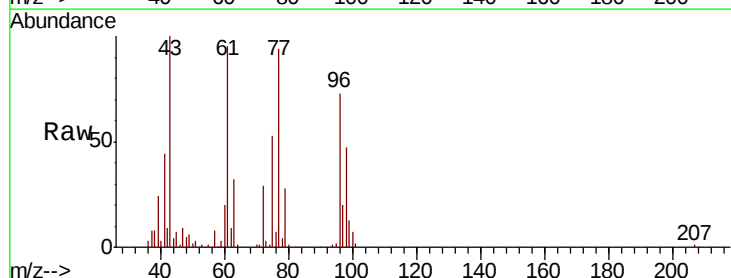
Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBS01

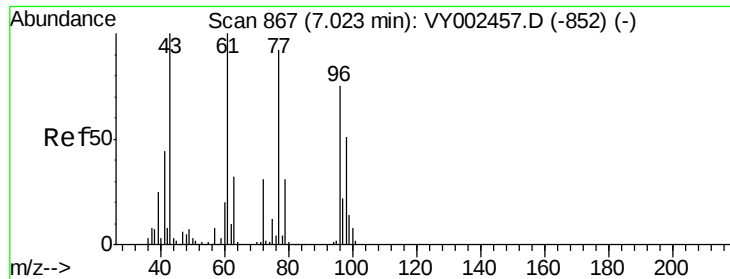
Tot Ion: 43 Resp: 101492
Ion Ratio Lower Upper
43 100
72 29.6 24.8 37.2



#26
2,2-Dichloropropane
Concen: 20.606 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY002482.D
Acq: 24 Apr 2020 15:10

Tgt Ion: 77 Resp: 101490
Ion Ratio Lower Upper
77 100
97 23.1 12.0 36.0



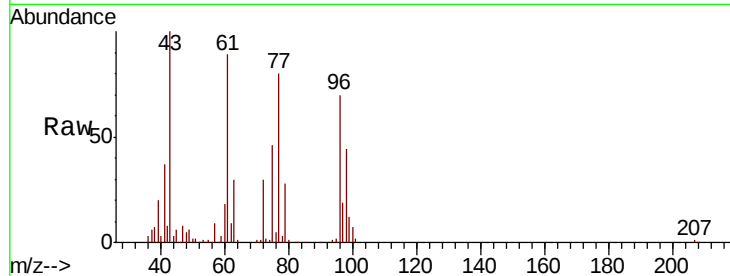


#27

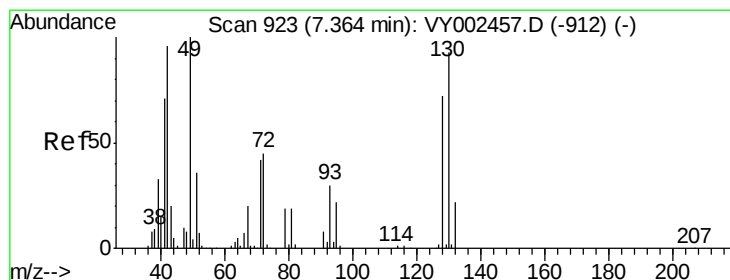
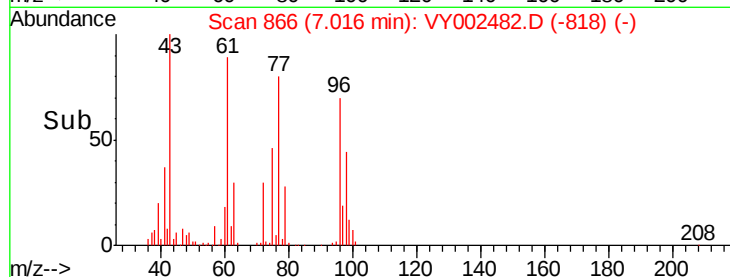
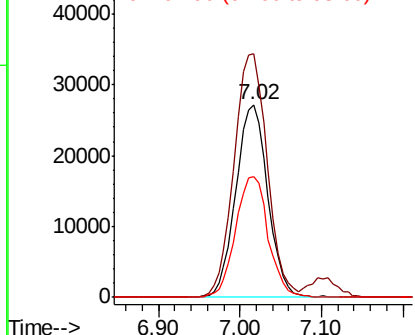
cis-1,2-Dichloroethene
Concen: 20.571 ug/l
RT: 7.02 min Scan# 866
Delta R.T. -0.01 min
Lab File: VY002482.D
Acq: 24 Apr 2020 15:10

Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBS01

Tot Ion: 96 Resp: 73742
Ion Ratio Lower Upper
96 100
61 131.3 0.0 262.6
98 63.9 0.0 131.0



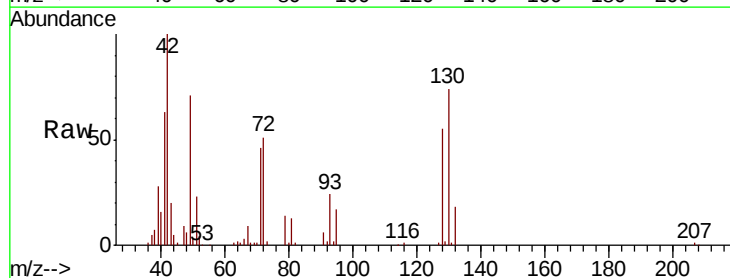
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



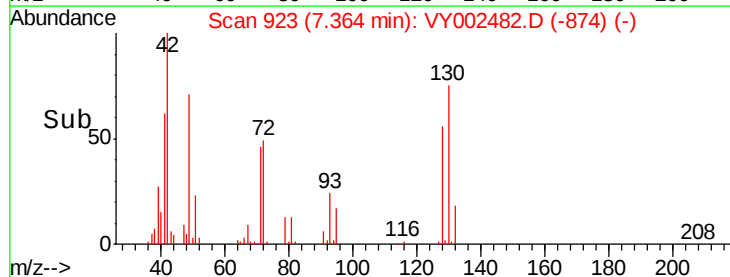
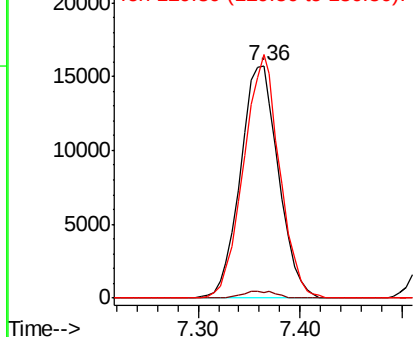
#28

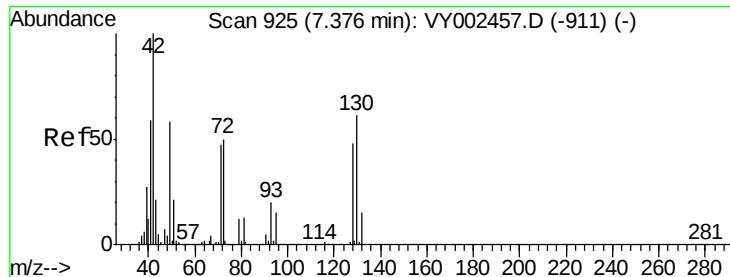
Bromochloromethane
Concen: 20.378 ug/l
RT: 7.36 min Scan# 923
Delta R.T. -0.00 min
Lab File: VY002482.D
Acq: 24 Apr 2020 15:10

Tgt Ion: 49 Resp: 40942
Ion Ratio Lower Upper
49 100
129 2.5 0.0 5.6
130 98.6 76.3 114.5



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





#29

Tetrahydrofuran

Concen: 106.341 ug/l

RT: 7.38 min Scan# 925

Delta R.T. -0.00 min

Lab File: VY002482.D

Acq: 24 Apr 2020 15:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0424SBS01

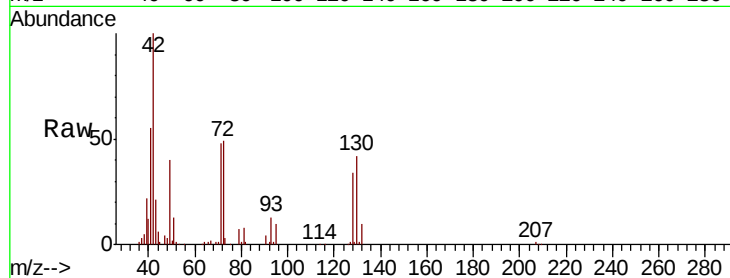
Tot Ion: 42 Resp: 67469

Ion Ratio Lower Upper

42 100

72 49.3 39.5 59.3

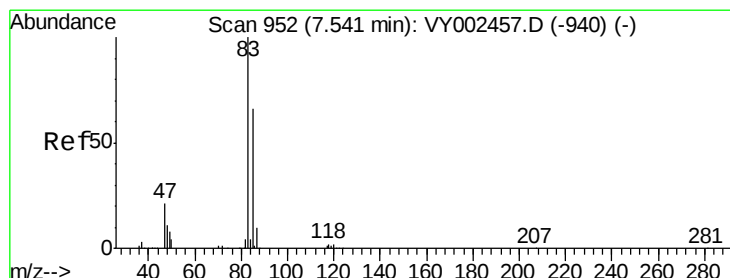
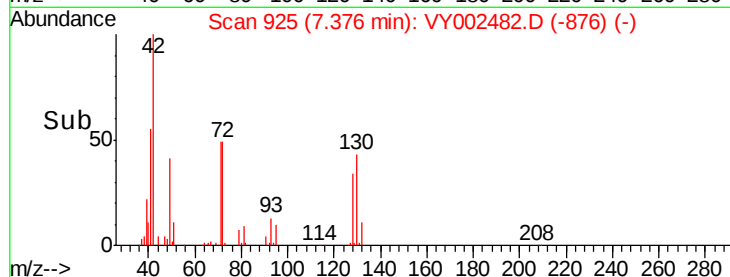
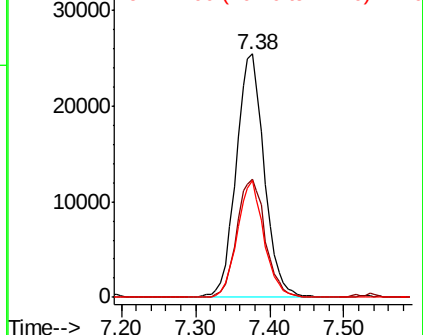
71 45.8 37.6 56.4



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: 20.227 ug/l

RT: 7.53 min Scan# 951

Delta R.T. -0.01 min

Lab File: VY002482.D

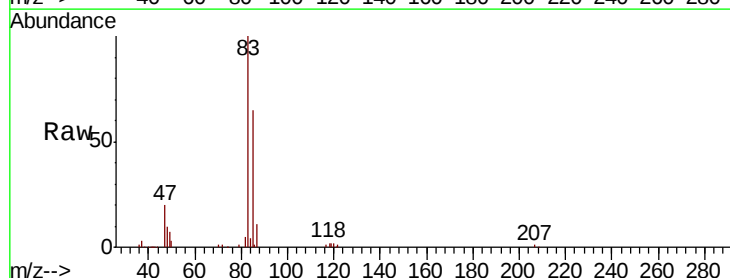
Acq: 24 Apr 2020 15:10

Tgt Ion: 83 Resp: 110914

Ion Ratio Lower Upper

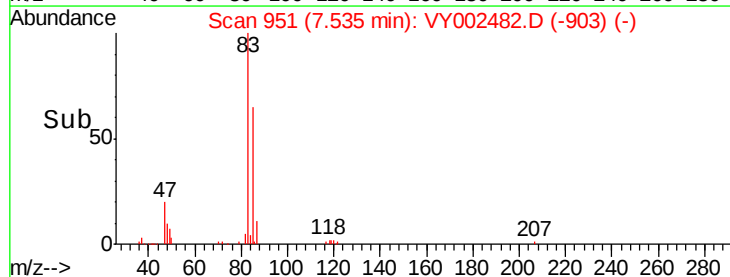
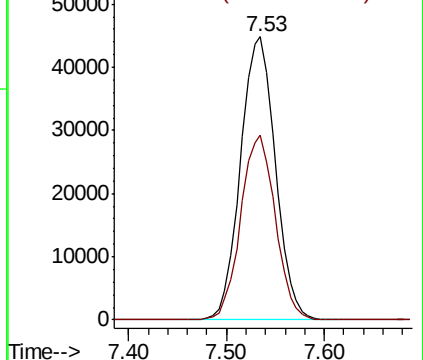
83 100

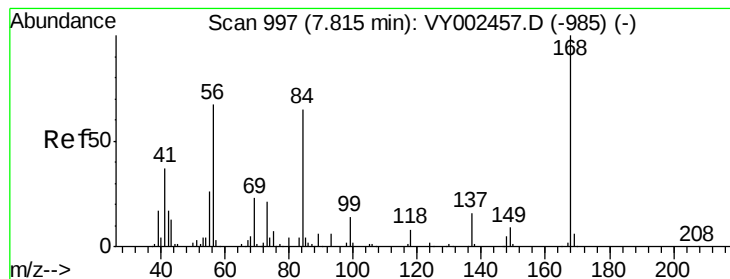
85 65.3 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 19.598 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002482.D

Acq: 24 Apr 2020 15:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0424SBS01

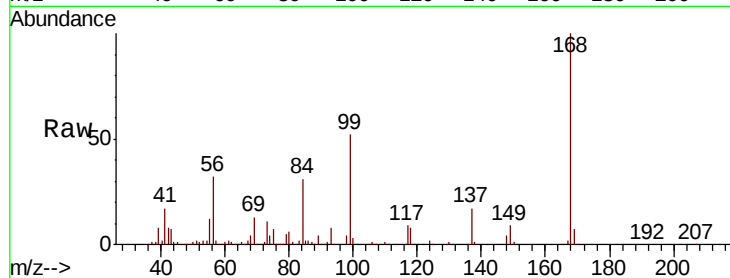
Tot Ion: 56 Resp: 100926

Ion Ratio Lower Upper

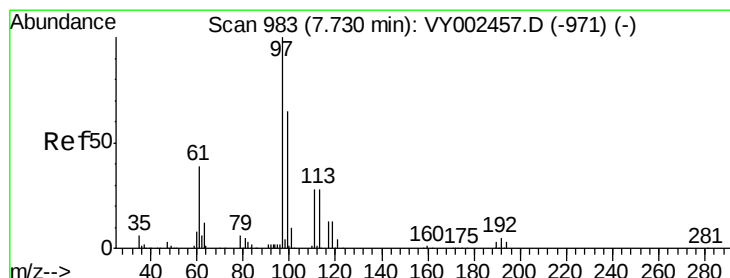
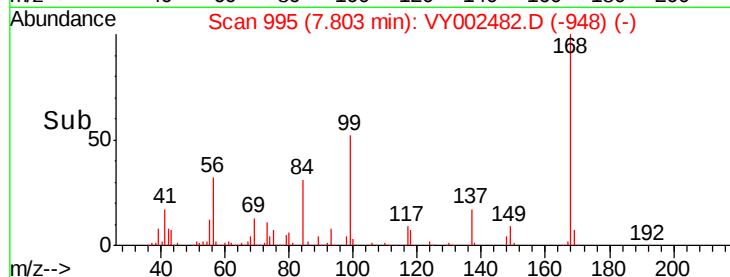
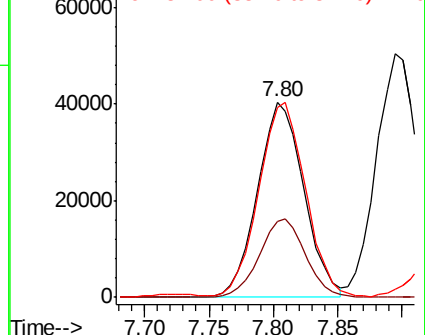
56 100

69 38.8 27.0 40.6

84 96.2 77.4 116.2



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



#32

1,1,1-Trichloroethane

Concen: 19.947 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY002482.D

Acq: 24 Apr 2020 15:10

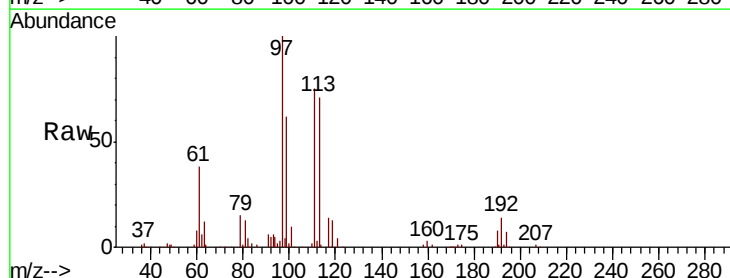
Tgt Ion: 97 Resp: 103351

Ion Ratio Lower Upper

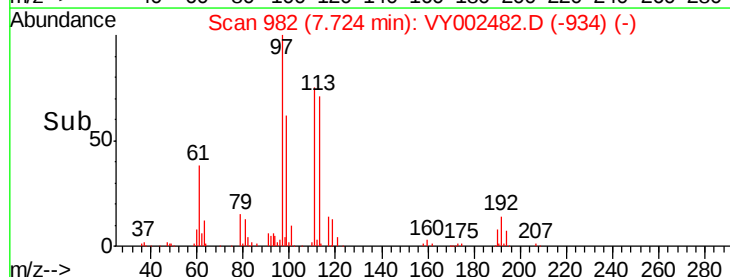
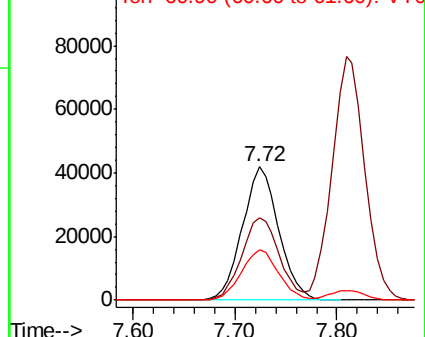
97 100

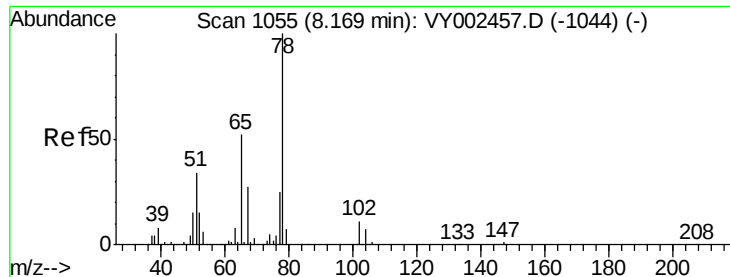
99 64.1 51.6 77.4

61 39.0 30.6 45.8



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

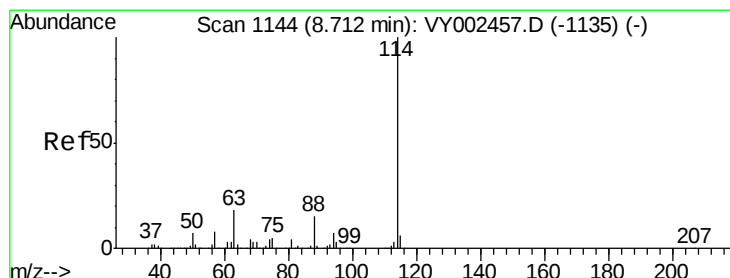
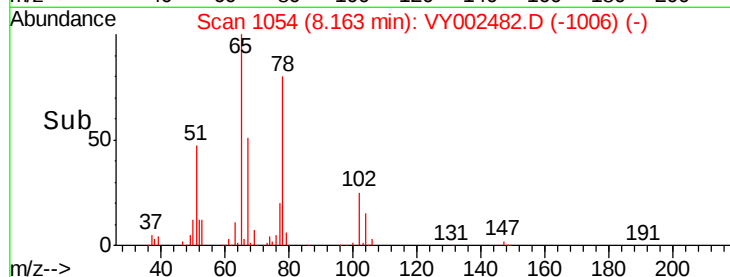
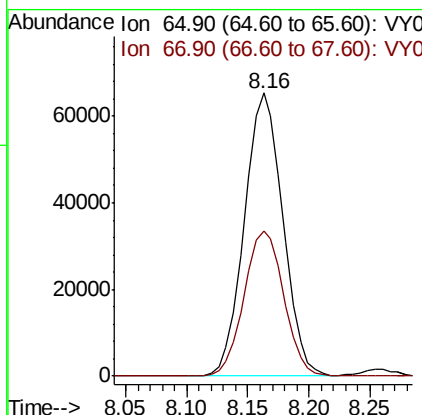
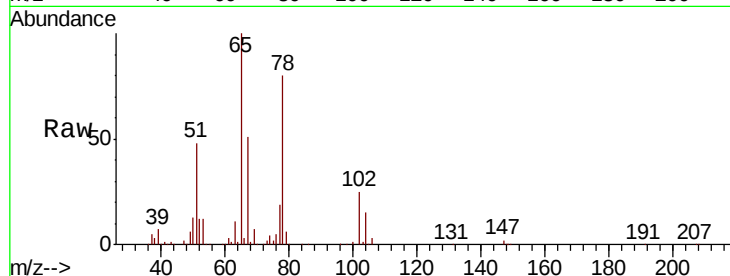




#33
 1,2-Dichloroethane-d4
 Concen: 47.850 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY002482.D
 Acq: 24 Apr 2020 15:10

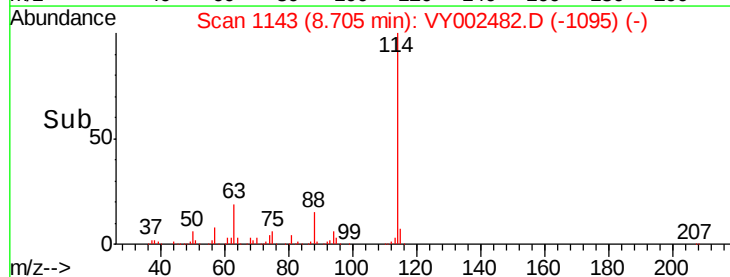
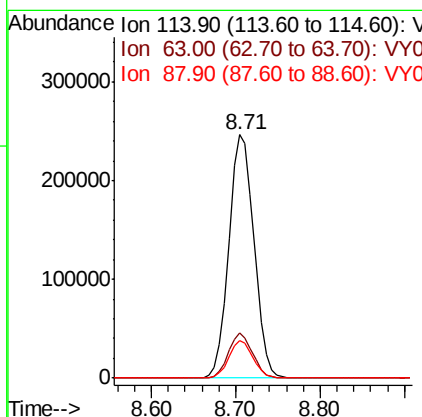
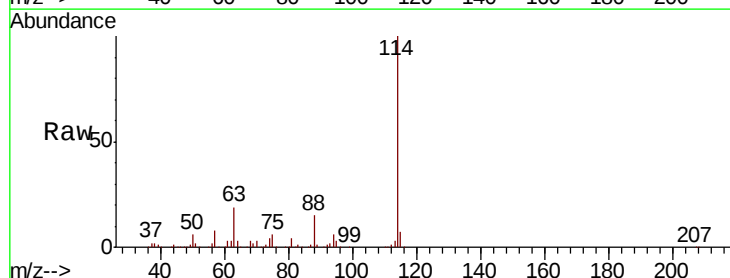
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0424SBS01

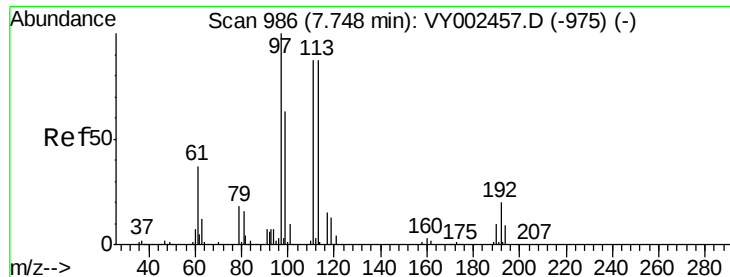
Tot Ion: 65 Resp: 143020
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY002482.D
 Acq: 24 Apr 2020 15:10

Tgt Ion: 114 Resp: 496552
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 35.6
 88 15.3 0.0 29.4

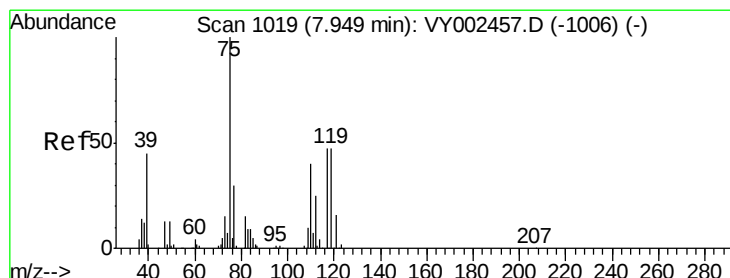
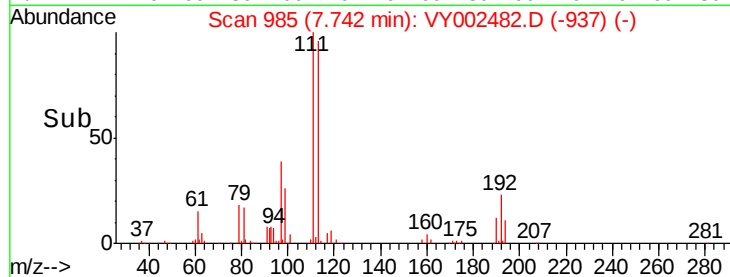
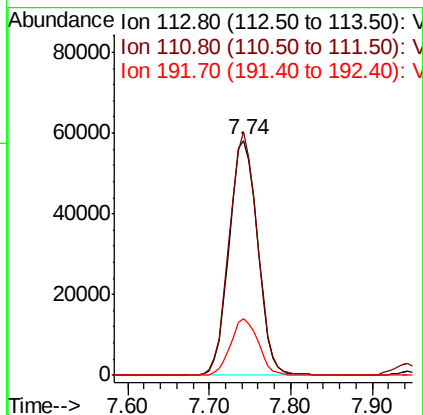
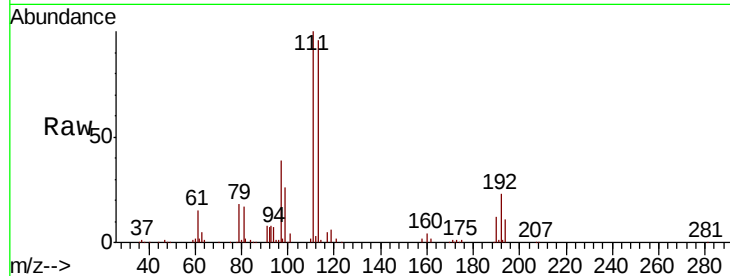




#35
 Dibromofluoromethane
 Concen: 50.043 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: VY002482.D
 Acq: 24 Apr 2020 15:10

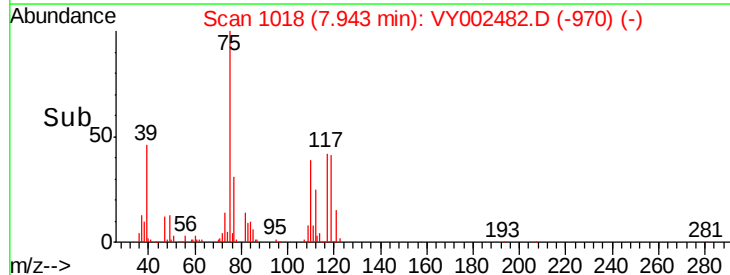
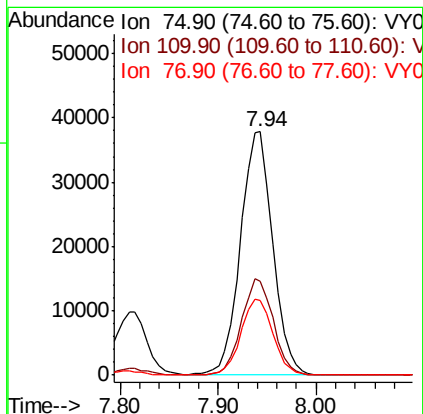
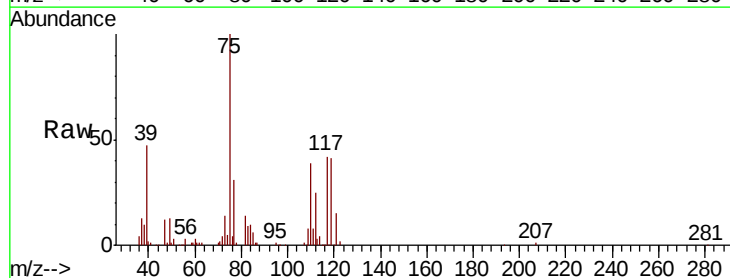
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0424SBS01

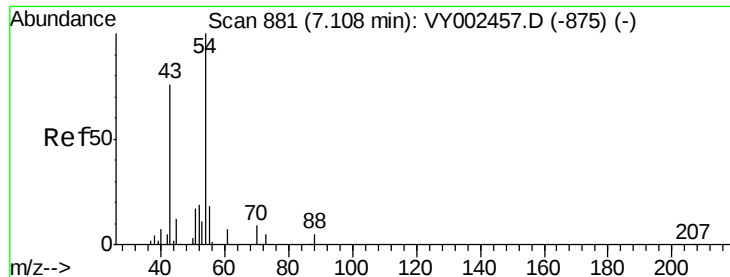
Tot Ion:113 Resp: 140162
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.0 121.4
 192 23.4 18.6 27.8



#36
 1,1-Dichloropropene
 Concen: 20.374 ug/l
 RT: 7.94 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: VY002482.D
 Acq: 24 Apr 2020 15:10

Tgt Ion: 75 Resp: 86745
 Ion Ratio Lower Upper
 75 100
 110 38.8 19.4 58.4
 77 31.1 24.7 37.1

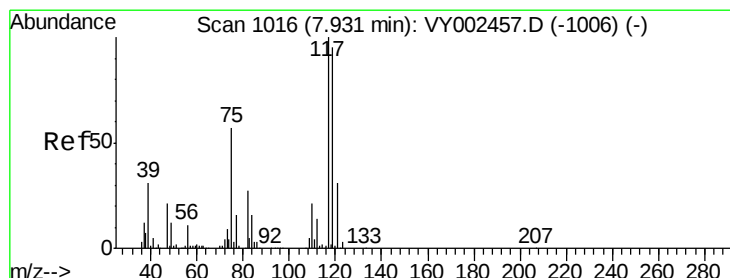
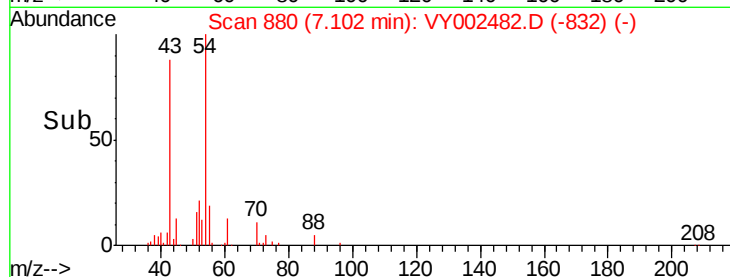
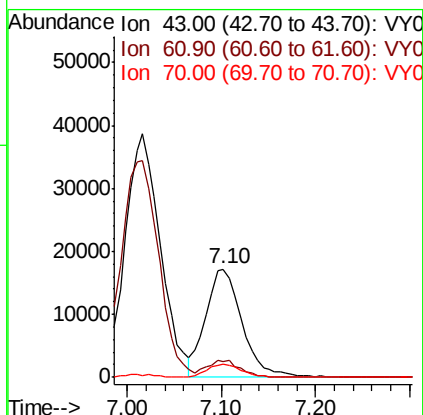
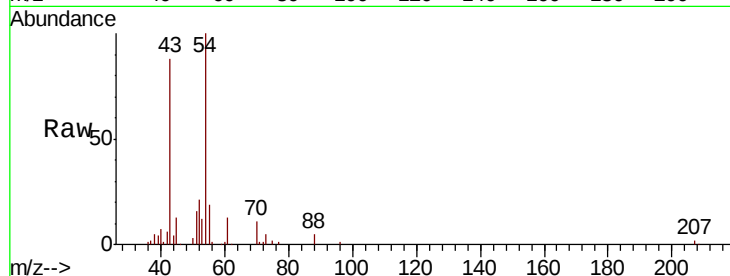




#37
Ethyl Acetate
Concen: 21.446 ug/l
RT: 7.10 min Scan# 880
Delta R.T. -0.01 min
Lab File: VY002482.D
Acq: 24 Apr 2020 15:10

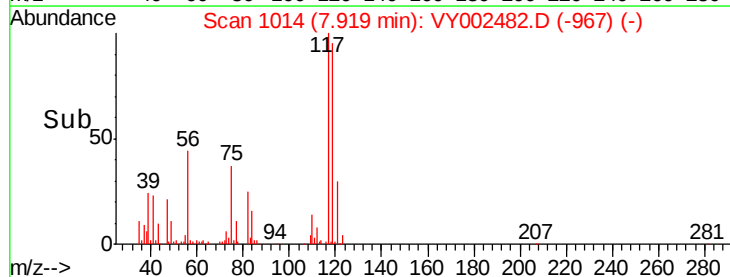
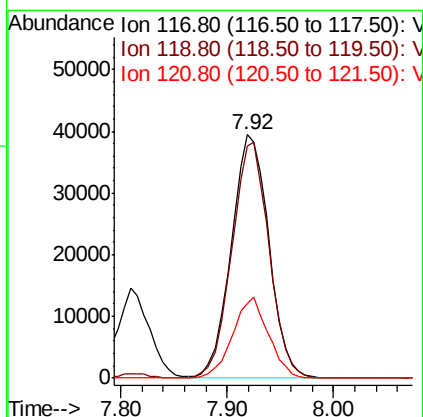
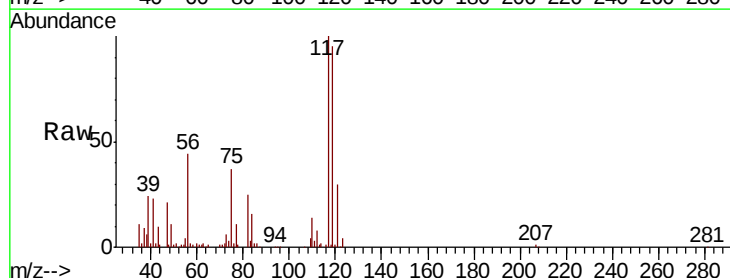
Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBS01

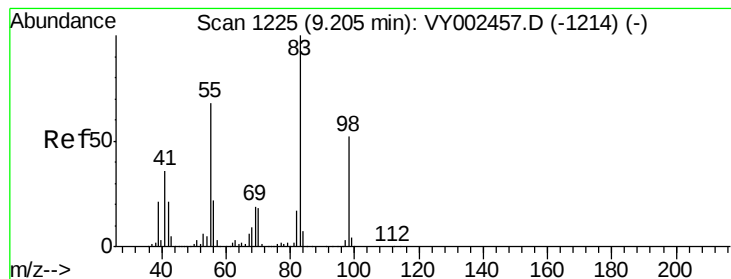
Tot Ion: 43 Resp: 45873
Ion Ratio Lower Upper
43 100
61 14.7 11.8 17.8
70 11.9 9.3 13.9



#38
Carbon Tetrachloride
Concen: 19.945 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VY002482.D
Acq: 24 Apr 2020 15:10

Tgt Ion: 117 Resp: 97652
Ion Ratio Lower Upper
117 100
119 95.5 75.9 113.9
121 30.5 24.5 36.7





#39

Methvlcvclohexane

Concen: 20.252 ug/l

RT: 9.20 min Scan# 1224

Delta R.T. -0.01 min

Lab File: VY002482.D

Acq: 24 Apr 2020 15:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0424SBS01

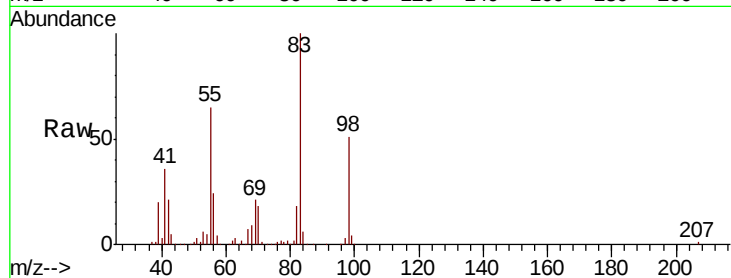
Tot Ion: 83 Resp: 112485

Ion Ratio Lower Upper

83 100

55 65.3 54.2 81.2

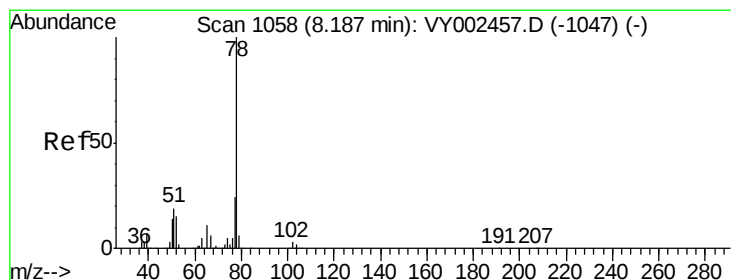
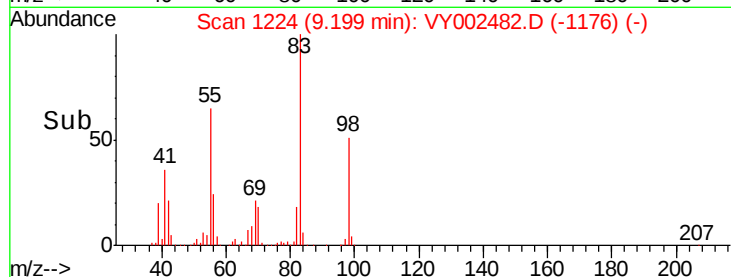
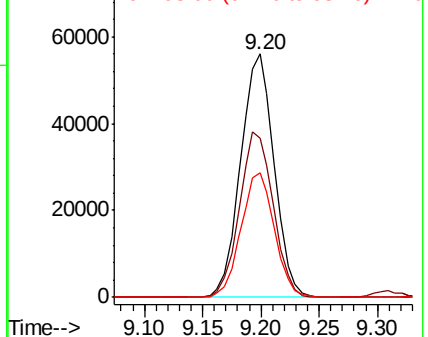
98 51.0 41.9 62.9



Abundance Ion 83.00 (82.70 to 83.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 98.00 (97.70 to 98.70): VY0



#40

Benzene

Concen: 20.561 ug/l

RT: 8.18 min Scan# 1057

Delta R.T. -0.01 min

Lab File: VY002482.D

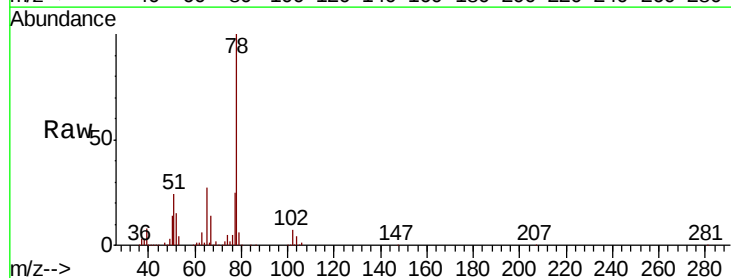
Acq: 24 Apr 2020 15:10

Tgt Ion: 78 Resp: 253025

Ion Ratio Lower Upper

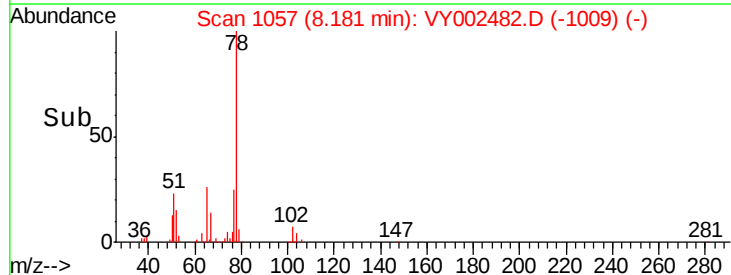
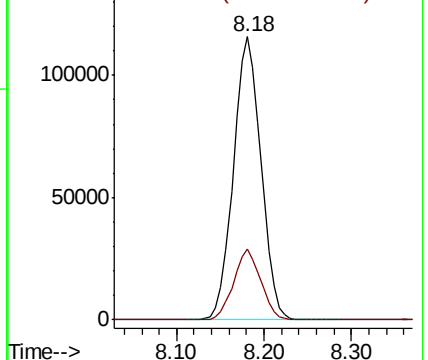
78 100

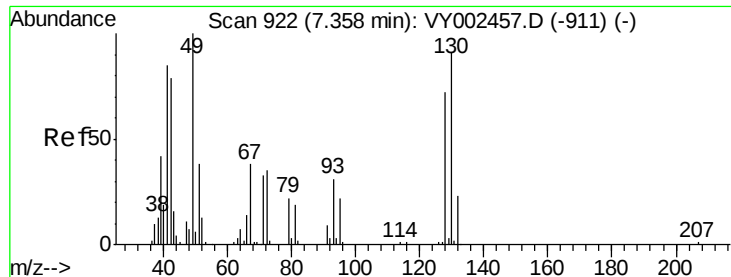
77 24.9 19.4 29.0



Abundance Ion 78.00 (77.70 to 78.70): VY0

Ion 77.00 (76.70 to 77.70): VY0

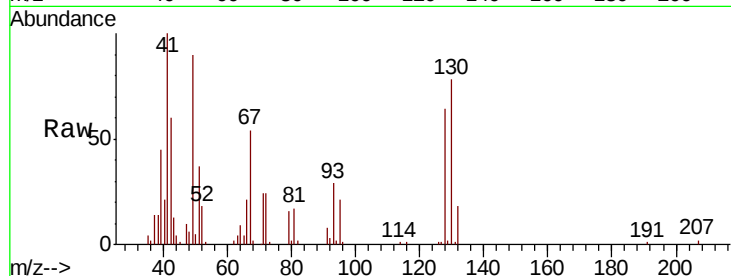




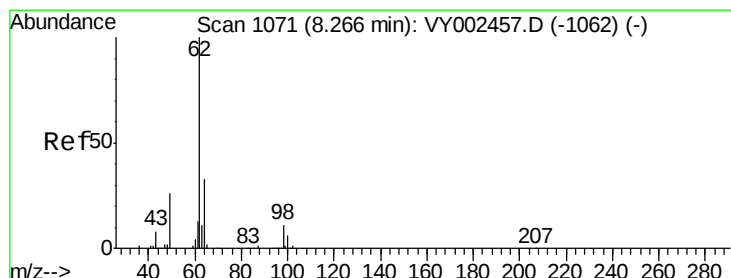
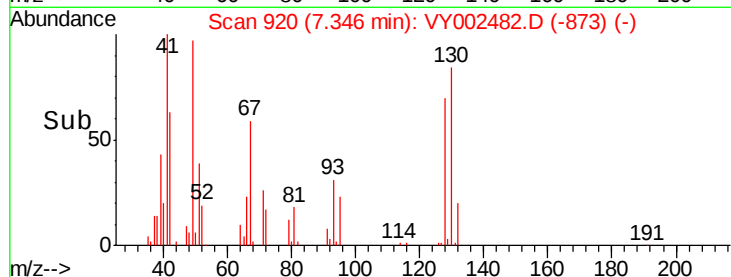
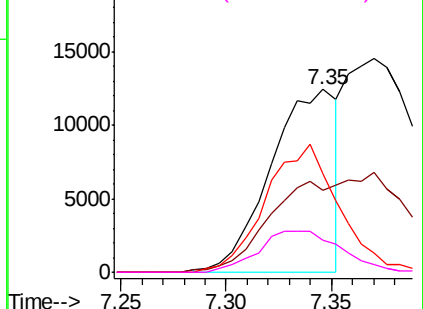
#41
Methacrylonitrile
Concen: 20.777 ug/l m
RT: 7.35 min Scan# 920
Delta R.T. -0.01 min
Lab File: VY002482.D
Acq: 24 Apr 2020 15:10

Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBS01

Tot Ion: 41 Resp: 27380
Ion Ratio Lower Upper
41 100
39 0.0 85.7 128.5#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

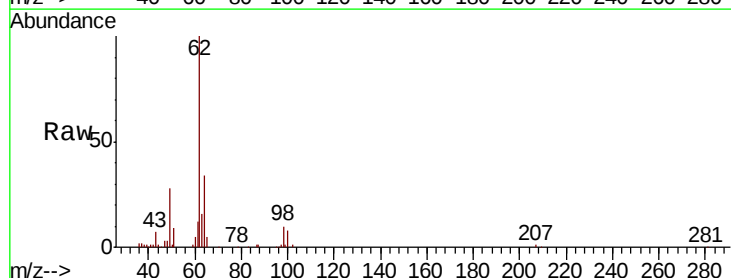


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

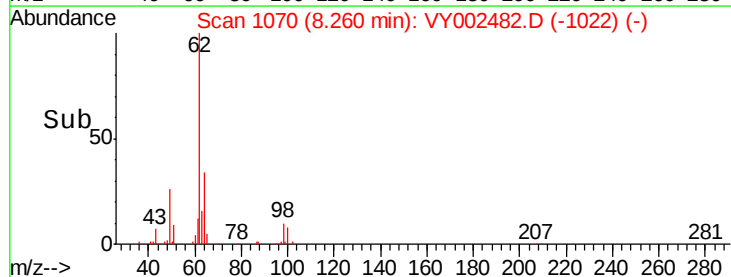
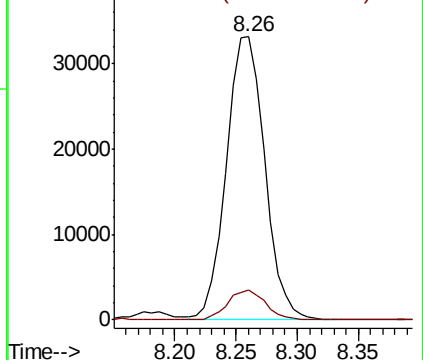


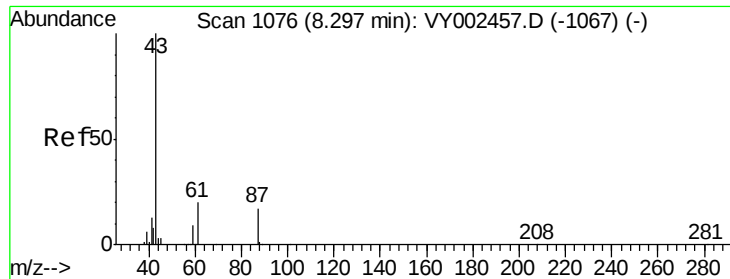
#42
1,2-Dichloroethane
Concen: 20.227 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. -0.01 min
Lab File: VY002482.D
Acq: 24 Apr 2020 15:10

Tgt Ion: 62 Resp: 72309
Ion Ratio Lower Upper
62 100
98 10.3 0.0 20.6



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





#43

Isopropyl Acetate

Concen: 21.089 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. -0.01 min

Lab File: VY002482.D

Acq: 24 Apr 2020 15:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0424SBS01

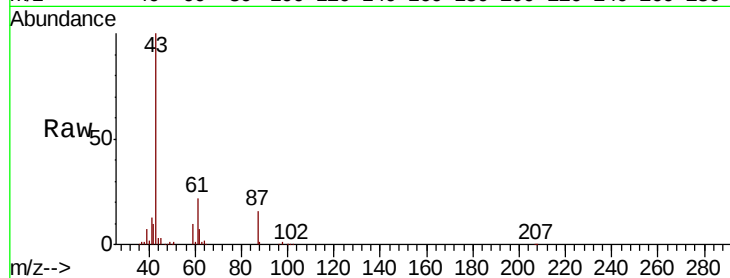
Tot Ion: 43 Resp: 84370

Ion Ratio Lower Upper

43 100

61 31.0 25.0 37.4

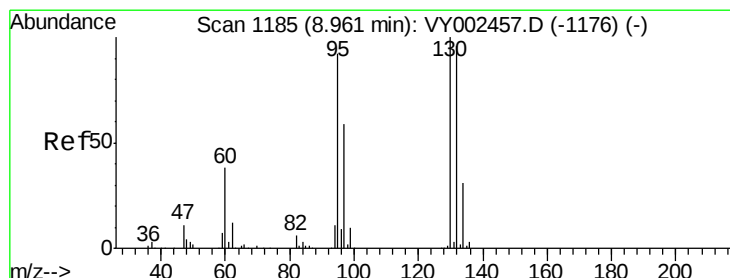
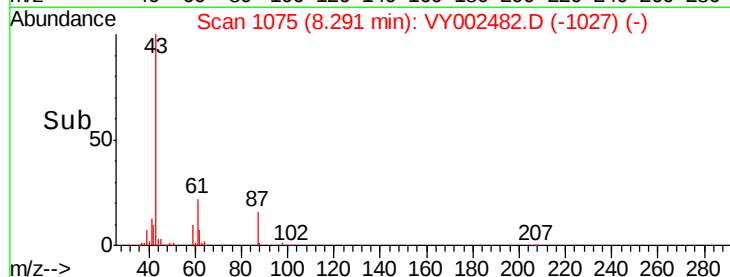
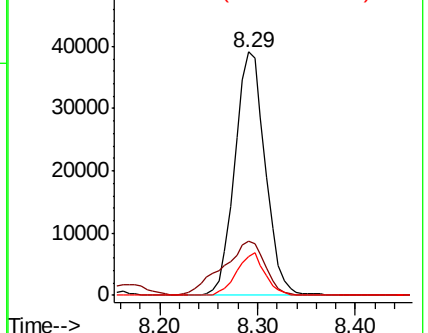
87 16.0 13.0 19.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

Ion 87.00 (86.70 to 87.70): VY0



#44

Trichloroethene

Concen: 20.547 ug/l

RT: 8.96 min Scan# 1184

Delta R.T. -0.01 min

Lab File: VY002482.D

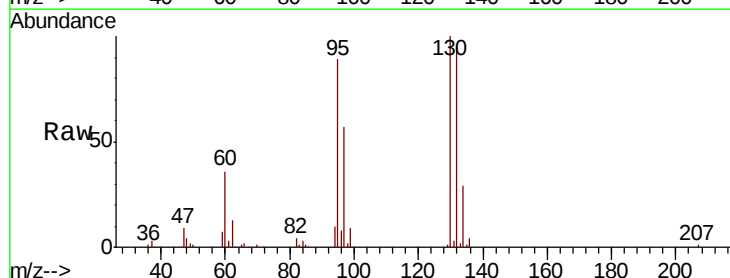
Acq: 24 Apr 2020 15:10

Tgt Ion:130 Resp: 79064

Ion Ratio Lower Upper

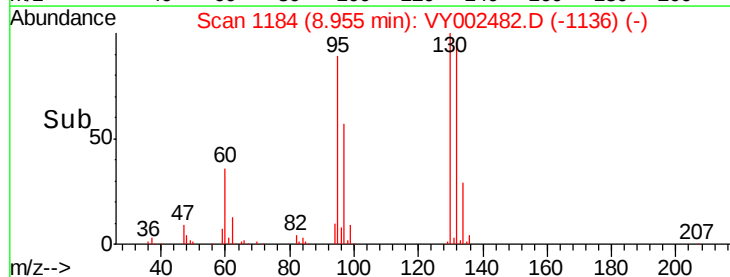
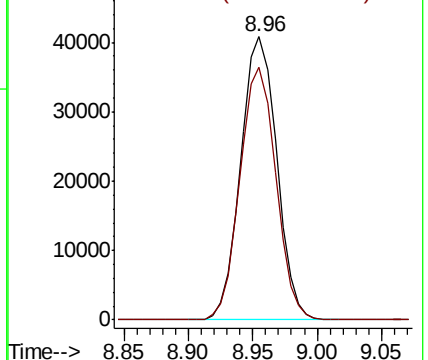
130 100

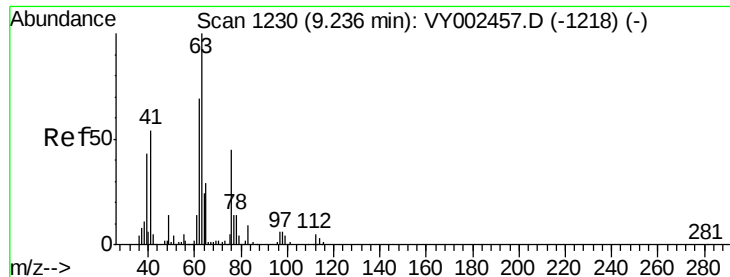
95 89.1 0.0 184.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VY0





#45

1,2-Dichloropropane

Concen: 20.833 ug/l

RT: 9.23 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VY002482.D

Acq: 24 Apr 2020 15:10

Instrument :

MSVOA_Y

ClientSampleId :

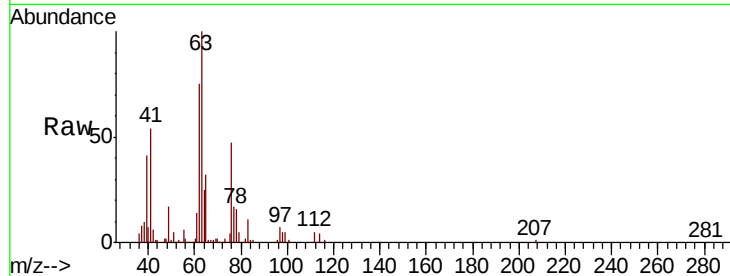
VY0424SBS01

Tot Ion: 63 Resp: 59086

Ion Ratio Lower Upper

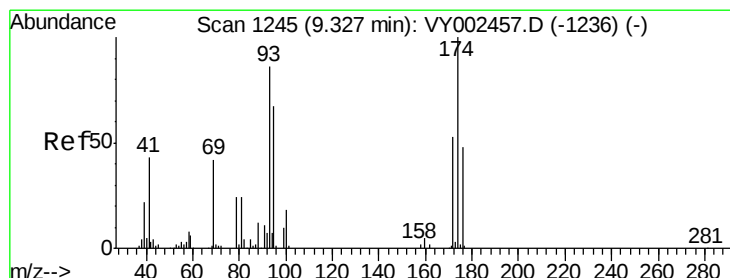
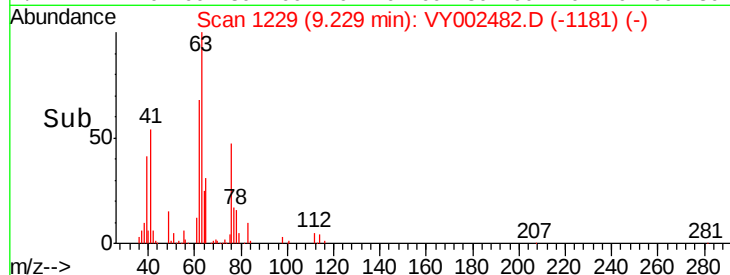
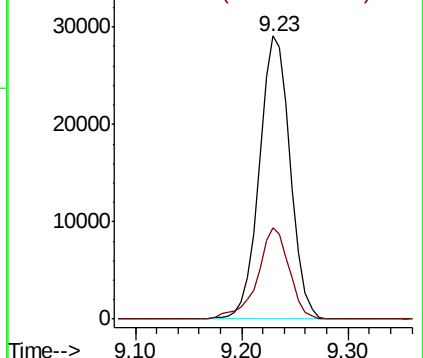
63 100

65 32.3 23.4 35.0



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 20.774 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. -0.01 min

Lab File: VY002482.D

Acq: 24 Apr 2020 15:10

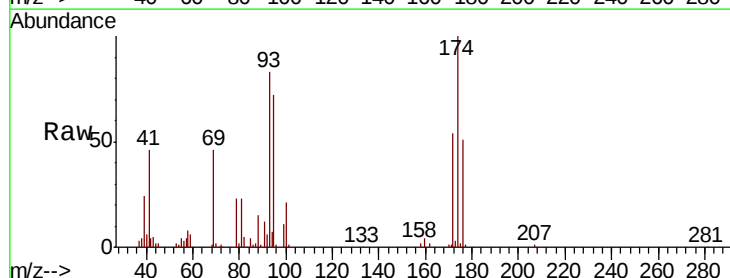
Tgt Ion: 93 Resp: 34471

Ion Ratio Lower Upper

93 100

95 85.8 65.4 98.0

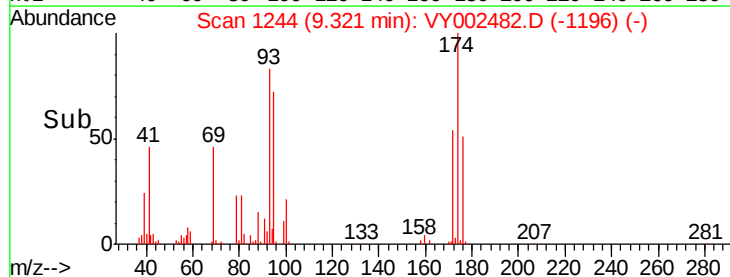
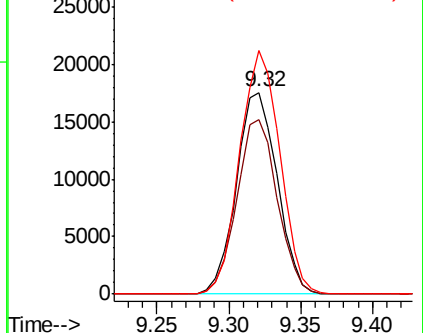
174 119.1 94.8 142.2

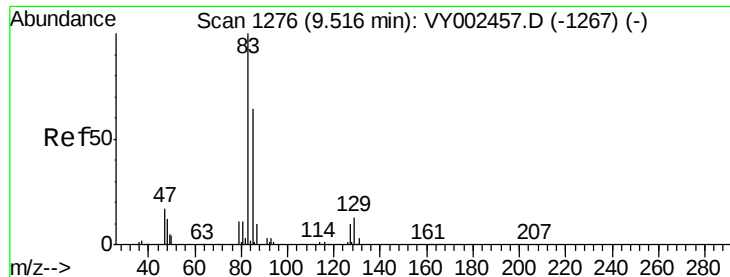


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.594 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. -0.01 min

Lab File: VY002482.D

Acq: 24 Apr 2020 15:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0424SBS01

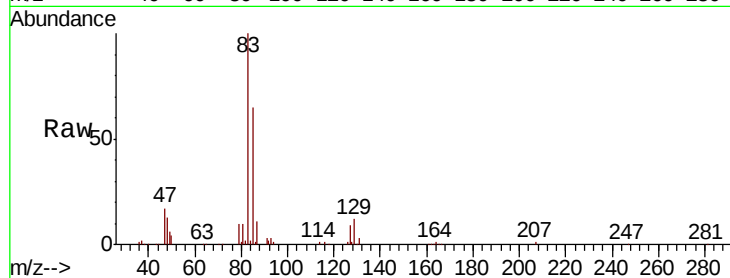
Tot Ion: 83 Resp: 85458

Ion Ratio Lower Upper

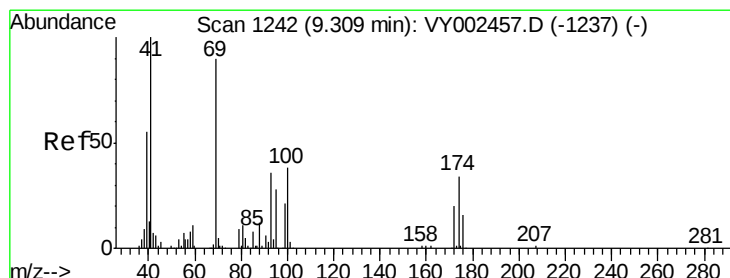
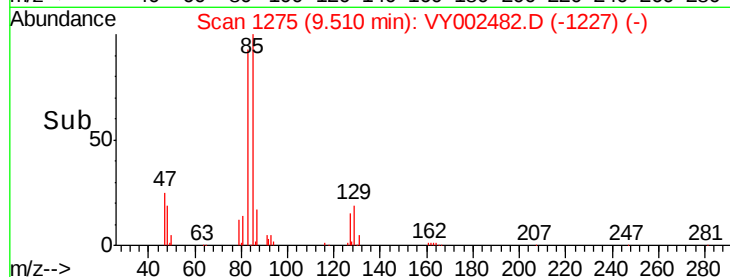
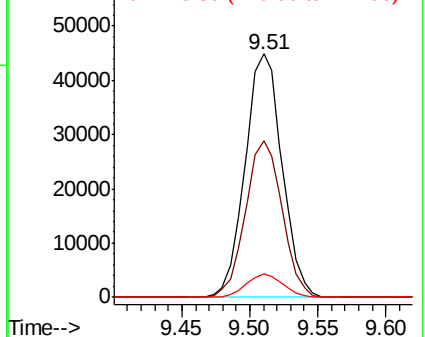
83 100

85 64.6 51.2 76.8

127 9.4 7.7 11.5



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



#48

Methyl methacrylate

Concen: 20.473 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY002482.D

Acq: 24 Apr 2020 15:10

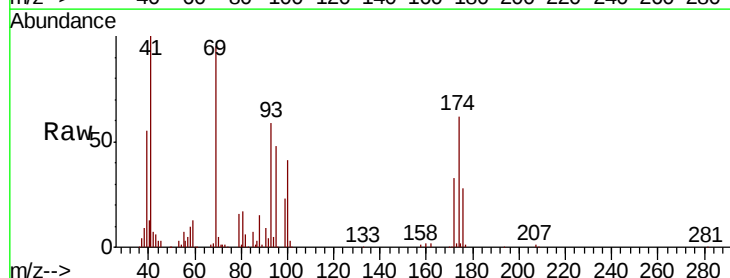
Tgt Ion: 41 Resp: 37391

Ion Ratio Lower Upper

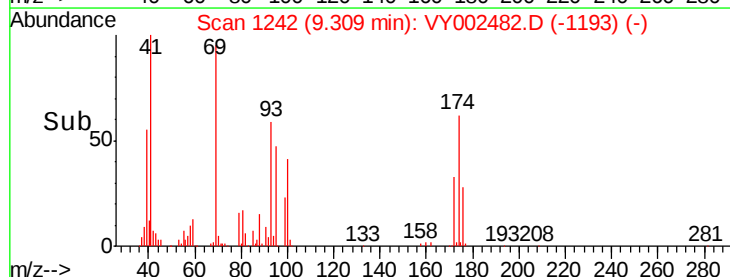
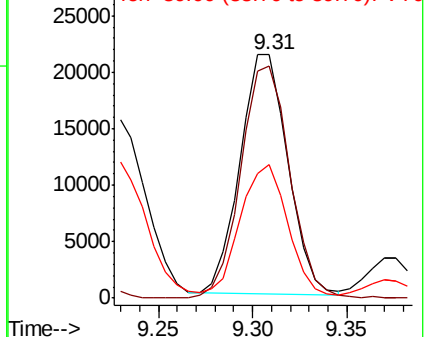
41 100

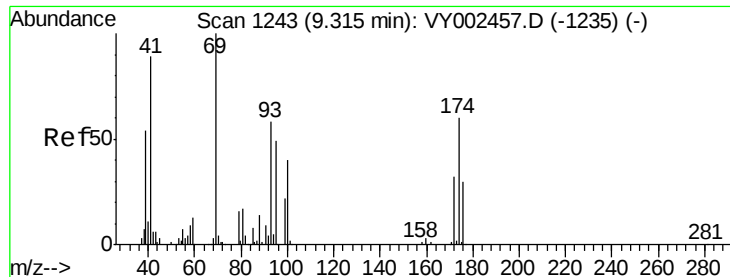
69 99.5 77.9 116.9

39 56.5 47.9 71.9



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

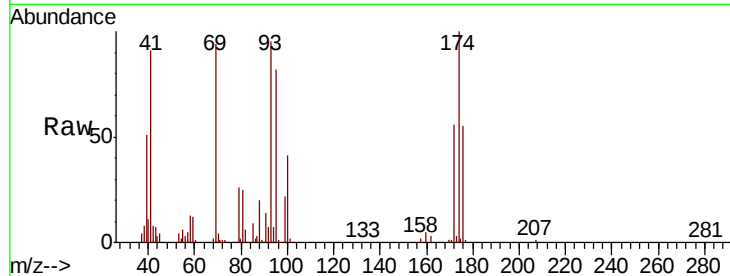




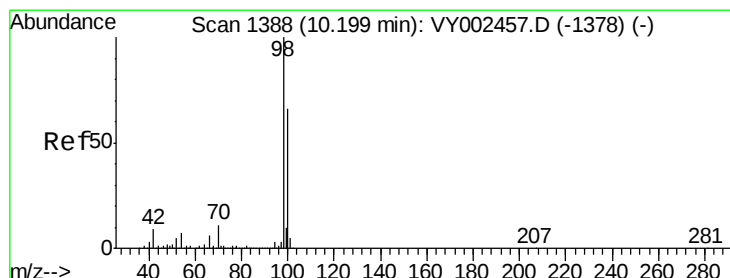
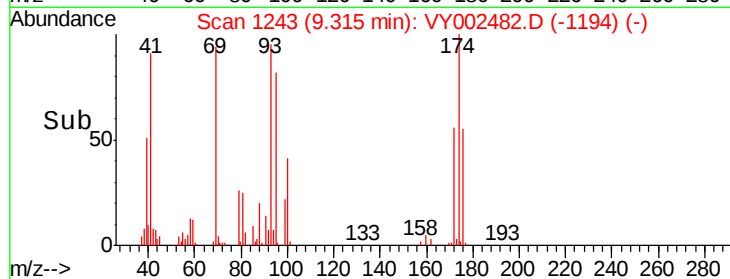
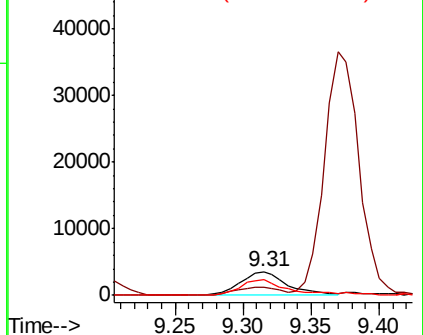
#49
1,4-Dioxane
Concen: 399.530 ug/l
RT: 9.31 min Scan# 1243
Delta R.T. -0.00 min
Lab File: VY002482.D
Acq: 24 Apr 2020 15:10

Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBS01

Tot Ion: 88 Resp: 8449
Ion Ratio Lower Upper
88 100
43 32.0 22.9 34.3
58 73.4 49.5 74.3

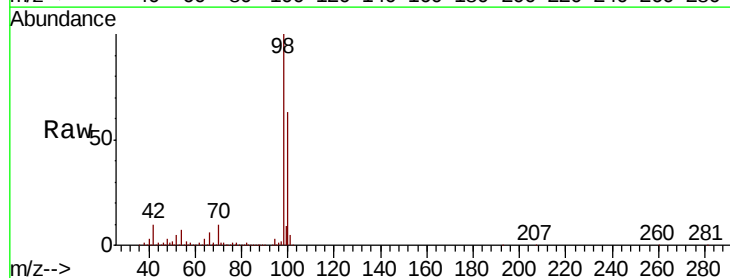


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

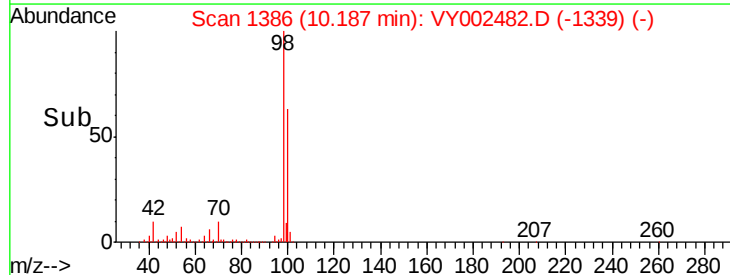
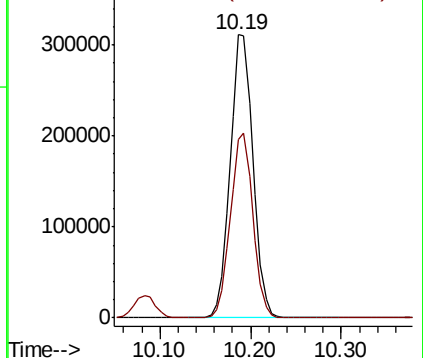


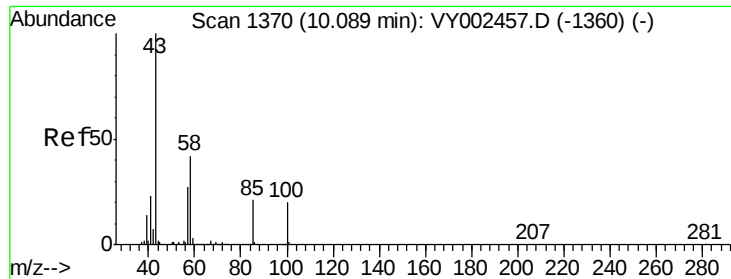
#50
Toluene-d8
Concen: 47.993 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY002482.D
Acq: 24 Apr 2020 15:10

Tgt Ion: 98 Resp: 540268
Ion Ratio Lower Upper
98 100
100 64.5 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0

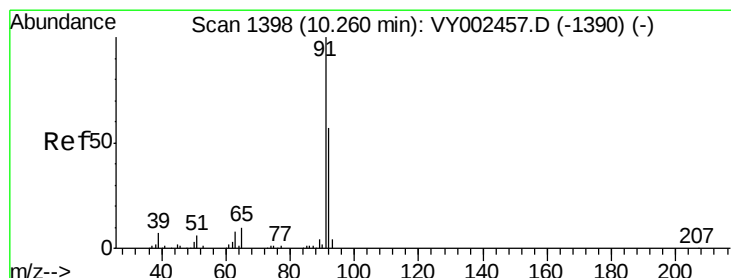
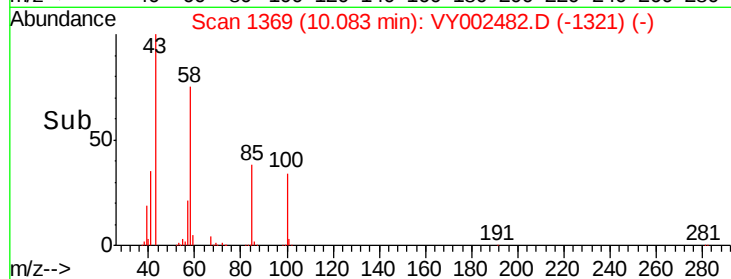
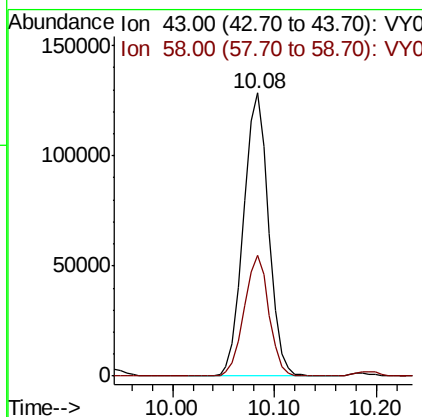
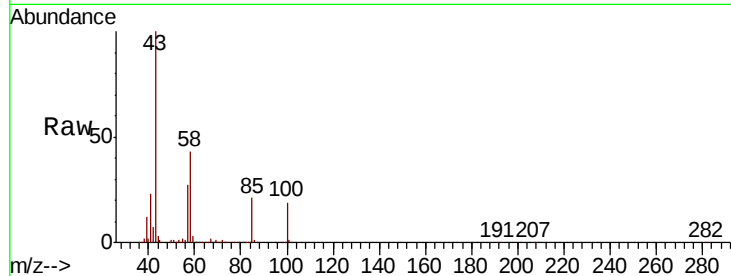




#51
 4-Methyl-2-Pentanone
 Concen: 105.588 ug/l
 RT: 10.08 min Scan# 1369
 Delta R.T. -0.01 min
 Lab File: VY002482.D
 Acq: 24 Apr 2020 15:10

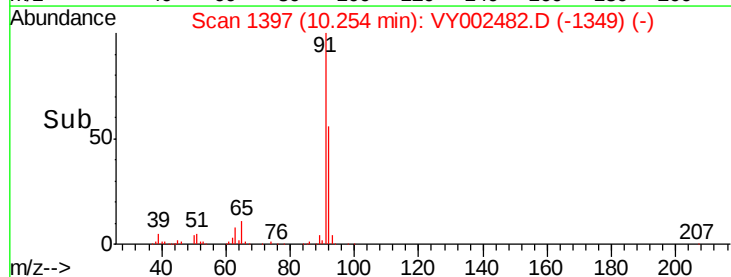
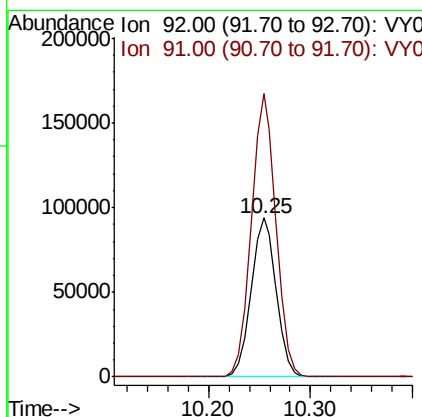
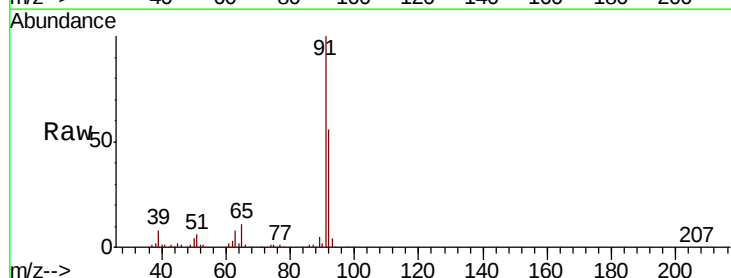
Instrument :
 MSVOA_Y
 ClientSampleID :
 VY0424SBS01

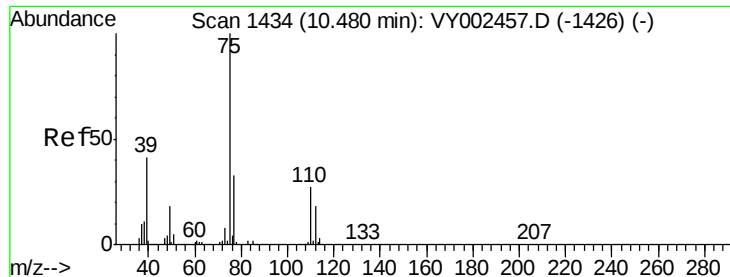
Tot Ion: 43 Resp: 219412
 Ion Ratio Lower Upper
 43 100
 58 42.0 33.2 49.8



#52
 Toluene
 Concen: 20.232 ug/l
 RT: 10.25 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: VY002482.D
 Acq: 24 Apr 2020 15:10

Tgt Ion: 92 Resp: 160269
 Ion Ratio Lower Upper
 92 100
 91 175.4 140.2 210.2





#53

t-1,3-Dichloropropene

Concen: 20.588 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.01 min

Lab File: VY002482.D

Acq: 24 Apr 2020 15:10

Instrument :

MSVOA_Y

ClientSampleId :

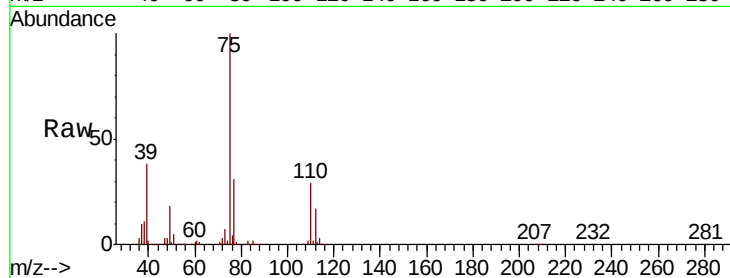
VY0424SBS01

Tot Ion: 75 Resp: 89723

Ion Ratio Lower Upper

75 100

77 31.4 26.4 39.6



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

60000

50000

40000

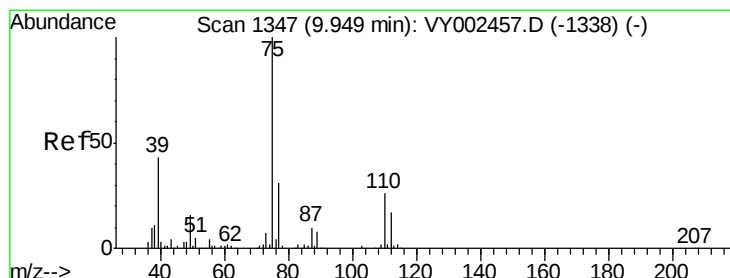
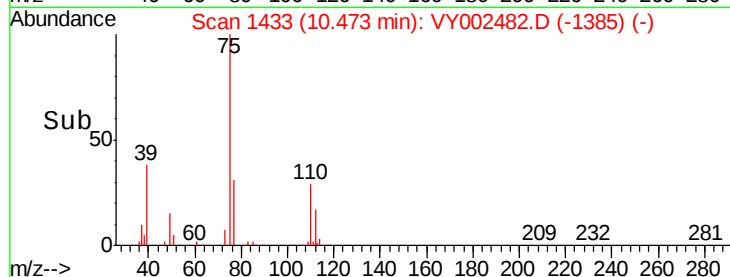
30000

20000

10000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 20.661 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VY002482.D

Acq: 24 Apr 2020 15:10

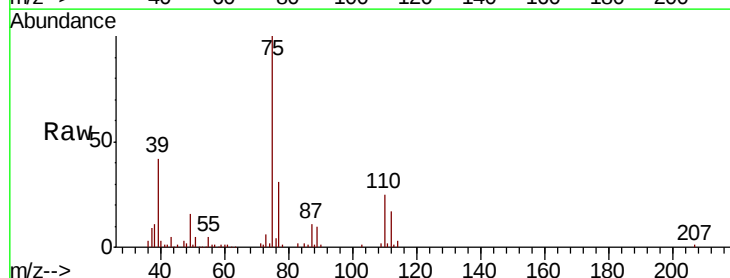
Tgt Ion: 75 Resp: 103058

Ion Ratio Lower Upper

75 100

77 31.2 25.2 37.8

39 41.9 34.2 51.2



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

9.94

80000

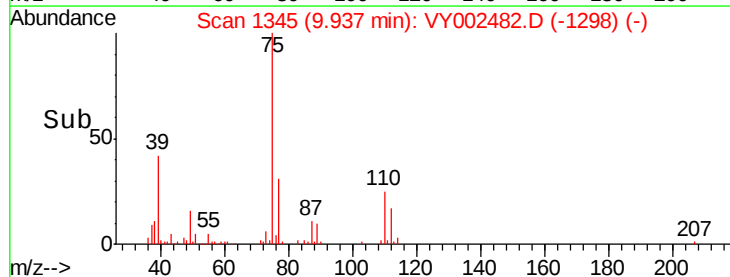
60000

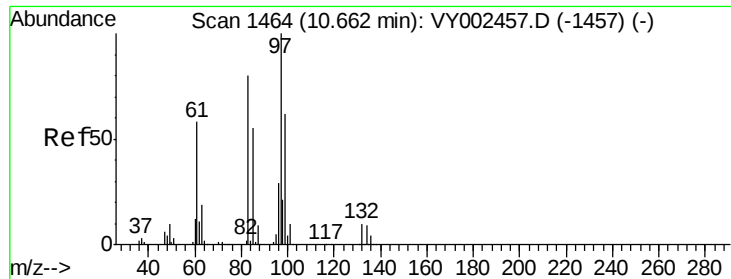
40000

20000

0

Time-->

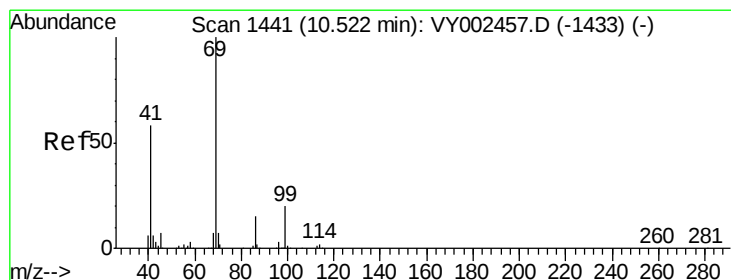
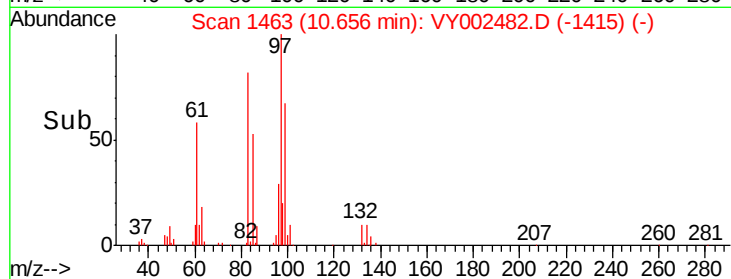
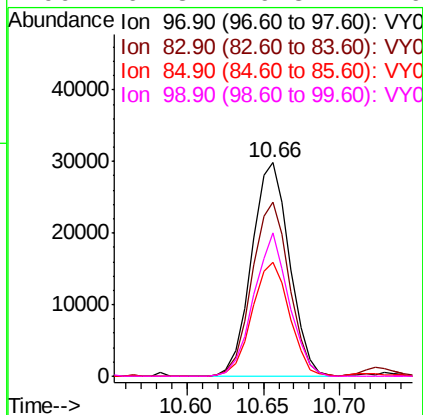
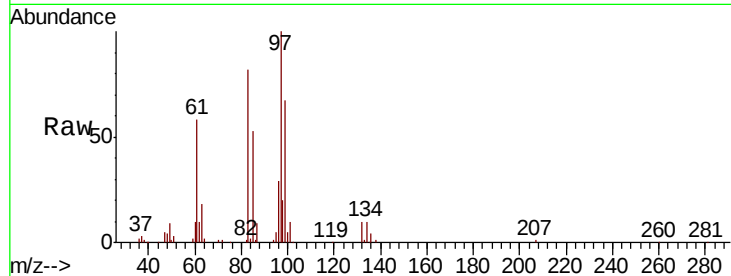




#55
 1,1,2-Trichloroethane
 Concen: 20.946 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: VY002482.D
 Acq: 24 Apr 2020 15:10

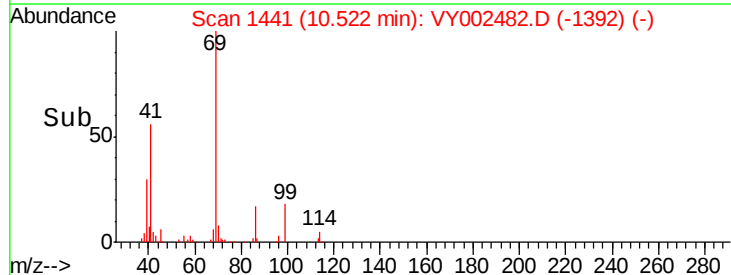
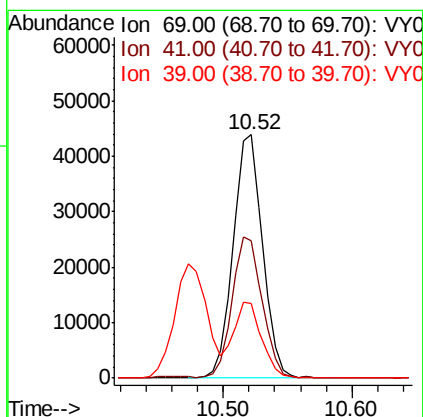
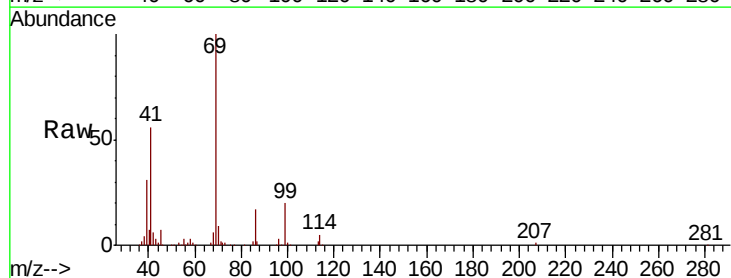
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0424SBS01

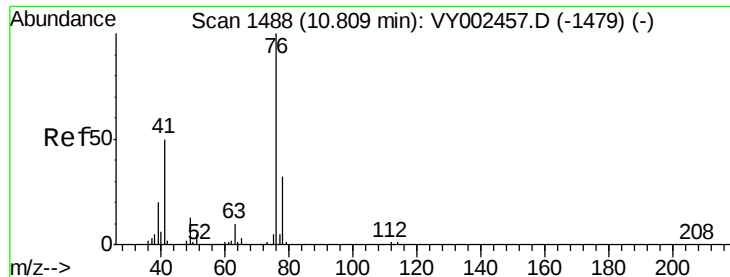
Tot Ion:	97	Resp:	51390
Ion	Ratio	Lower	Upper
97	100		
83	81.8	63.8	95.8
85	53.4	43.9	65.9
99	67.3	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 20.746 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: VY002482.D
 Acq: 24 Apr 2020 15:10

Tgt Ion:	69	Resp:	69550
Ion	Ratio	Lower	Upper
69	100		
41	59.8	47.5	71.3
39	30.6	25.7	38.5





#57

1,3-Dichloropropane

Concen: 20.893 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. -0.01 min

Lab File: VY002482.D

Acq: 24 Apr 2020 15:10

Instrument :

MSVOA_Y

ClientSampleId :

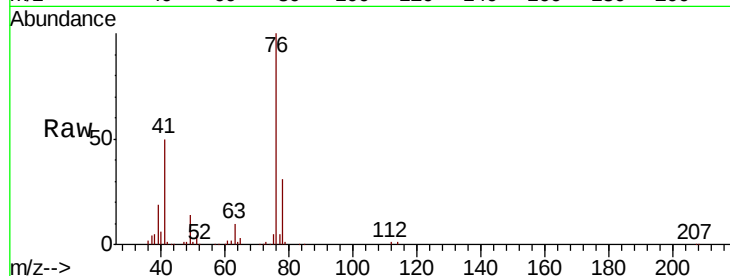
VY0424SBS01

Tot Ion: 76 Resp: 86545

Ion Ratio Lower Upper

76 100

78 31.4 26.2 39.4



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.80

60000

50000

40000

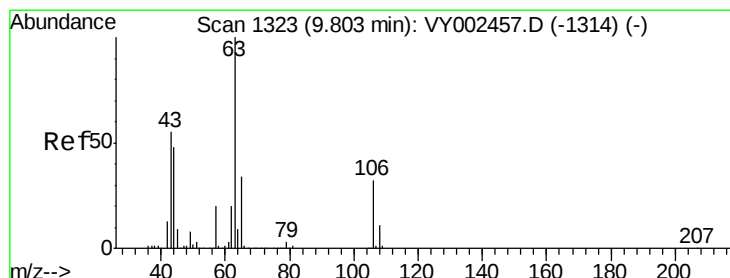
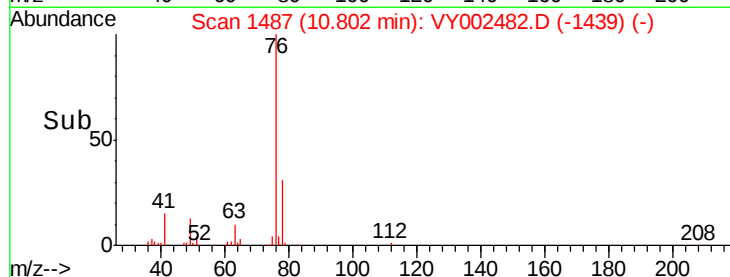
30000

20000

10000

0

Time--> 10.70 10.75 10.80 10.85



#58

2-Chloroethyl Vinyl ether

Concen: 104.117 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. -0.01 min

Lab File: VY002482.D

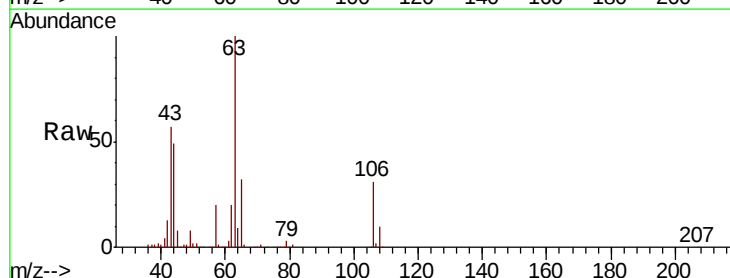
Acq: 24 Apr 2020 15:10

Tgt Ion: 63 Resp: 168790

Ion Ratio Lower Upper

63 100

106 31.8 26.0 39.0



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

120000

100000

80000

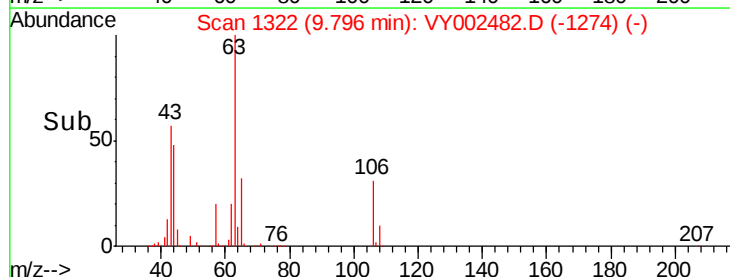
60000

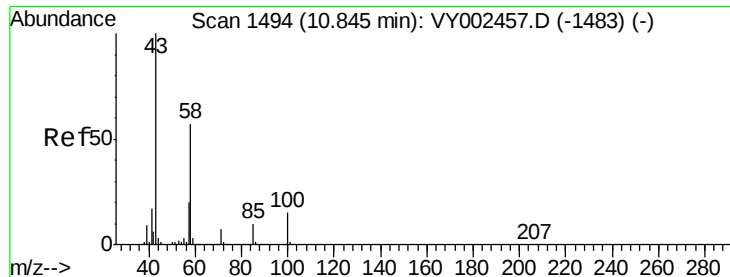
40000

20000

0

Time--> 9.70 9.75 9.80 9.85 9.90





#59

2-Hexanone

Concen: 104.549 ug/l

RT: 10.84 min Scan# 1493

Delta R.T. -0.01 min

Lab File: VY002482.D

Acq: 24 Apr 2020 15:10

Instrument :

MSVOA_Y

ClientSampleId :

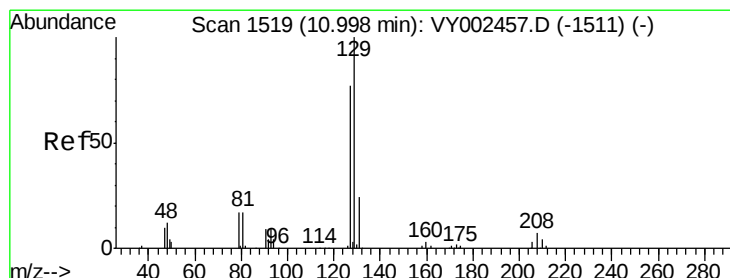
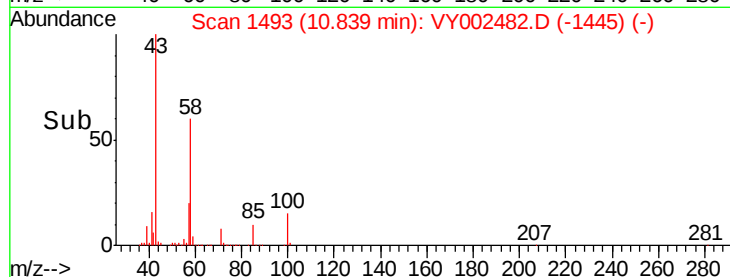
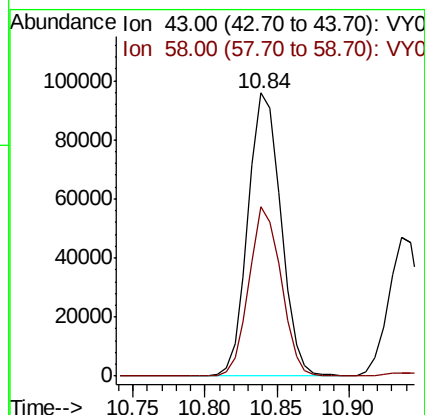
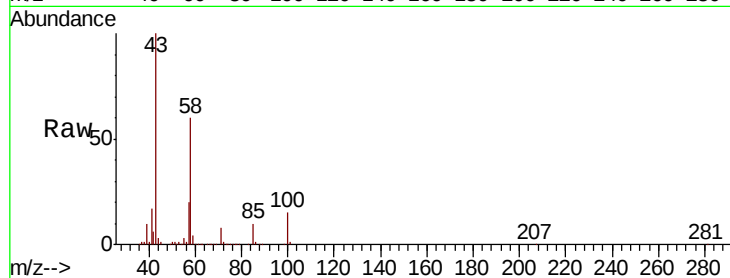
VY0424SBS01

Tot Ion: 43 Resp: 151432

Ion Ratio Lower Upper

43 100

58 58.4 28.8 86.4



#60

Dibromochloromethane

Concen: 20.064 ug/l

RT: 10.99 min Scan# 1518

Delta R.T. -0.01 min

Lab File: VY002482.D

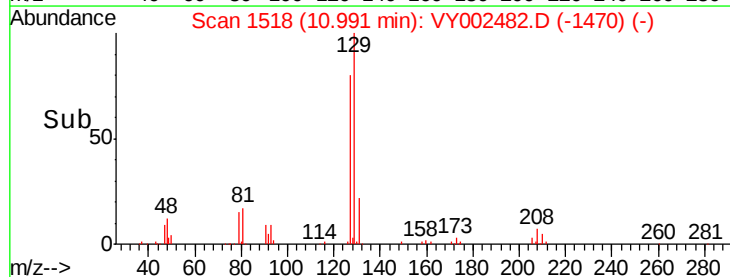
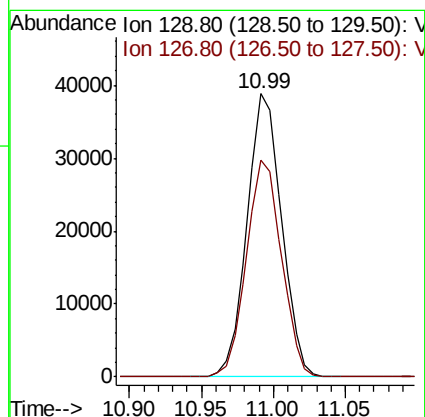
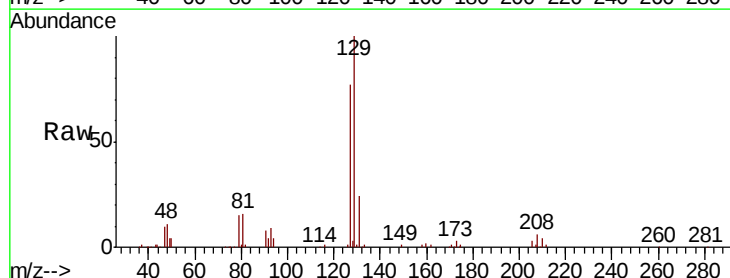
Acq: 24 Apr 2020 15:10

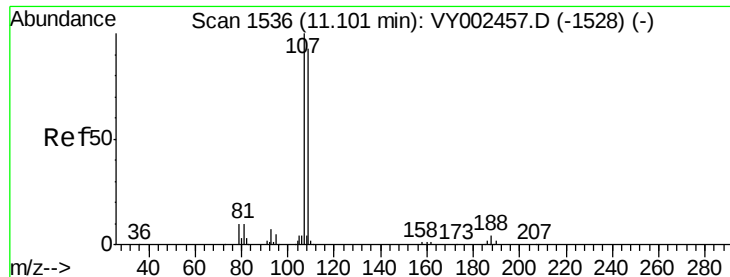
Tgt Ion: 129 Resp: 64503

Ion Ratio Lower Upper

129 100

127 77.9 38.3 114.9





#61

1,2-Dibromoethane

Concen: 20.930 ug/l

RT: 11.10 min Scan# 1536

Delta R.T. -0.00 min

Lab File: VY002482.D

Acq: 24 Apr 2020 15:10

Instrument :

MSVOA_Y

ClientSampleId :

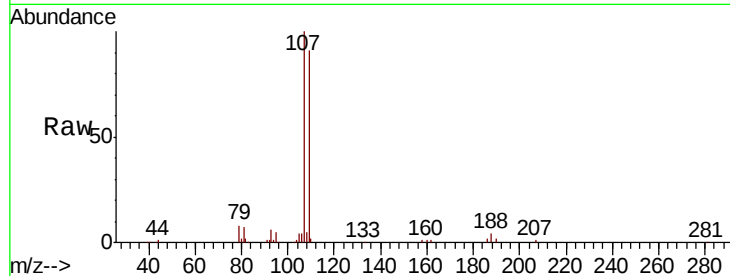
VY0424SBS01

Tot Ion:107 Resp: 50921

Ion Ratio Lower Upper

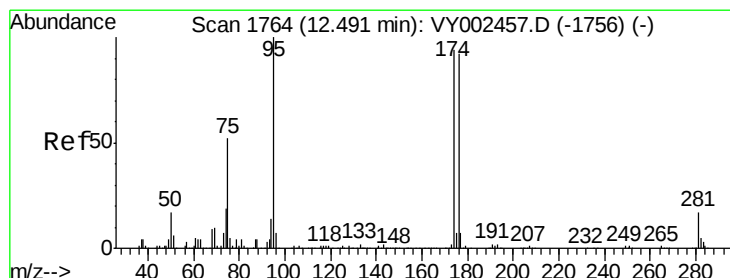
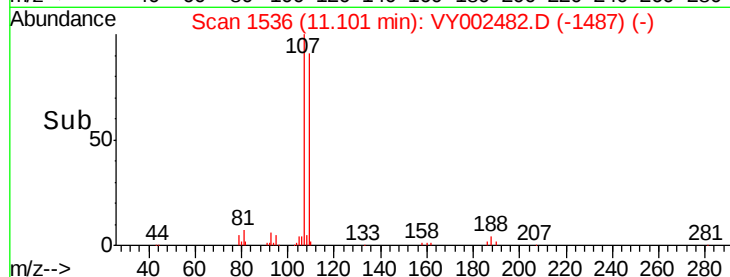
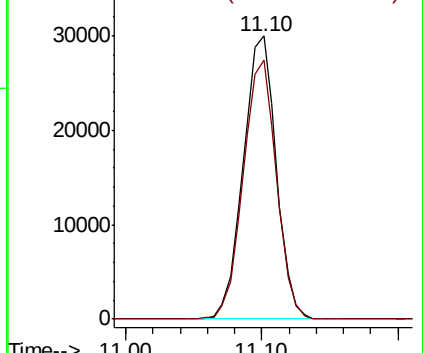
107 100

109 91.8 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.379 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VY002482.D

Acq: 24 Apr 2020 15:10

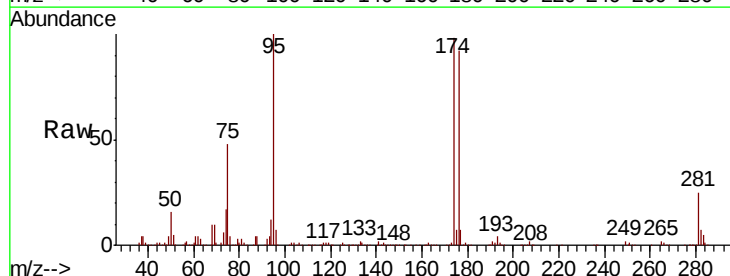
Tgt Ion: 95 Resp: 186515

Ion Ratio Lower Upper

95 100

174 94.7 0.0 193.0

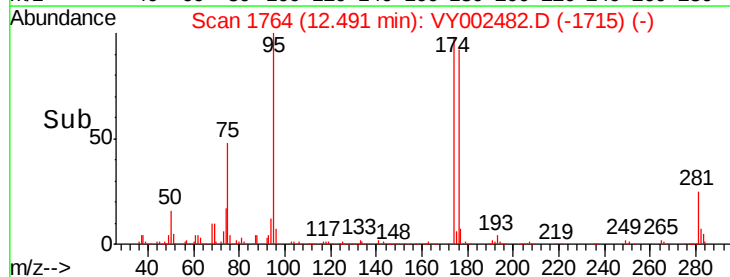
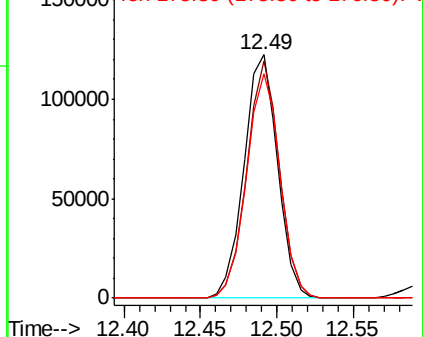
176 92.1 0.0 190.4

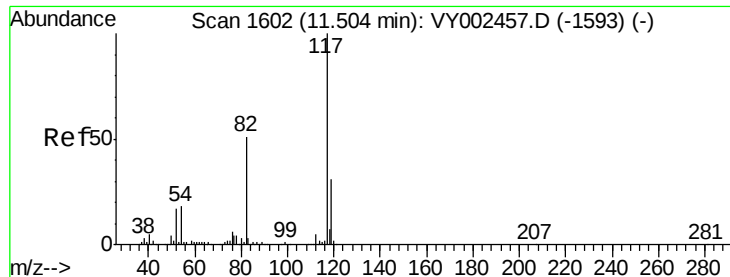


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

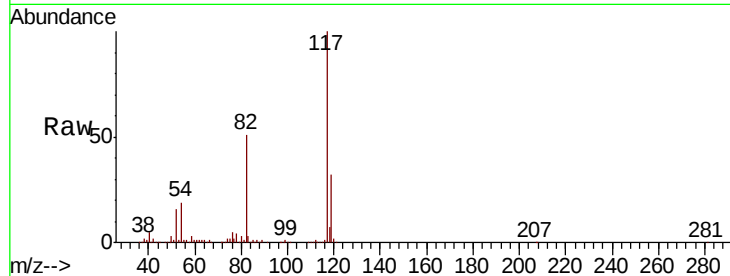




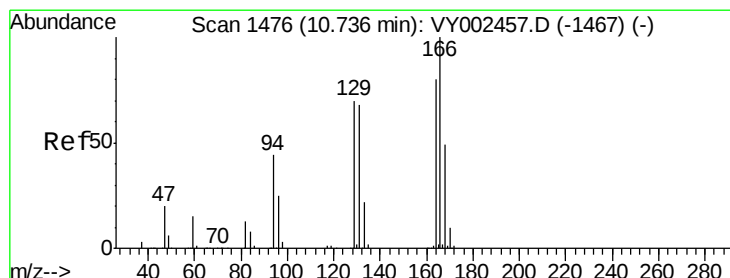
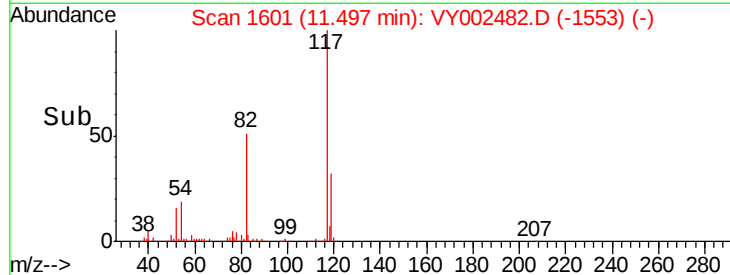
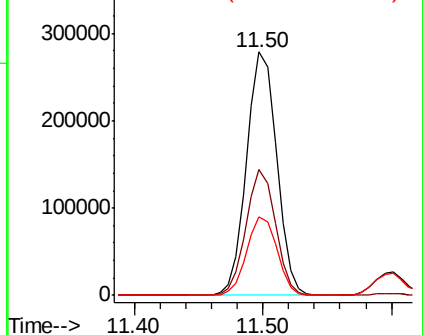
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY002482.D
Acq: 24 Apr 2020 15:10

Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBS01

Tot Ion:117 Resp: 449549
Ion Ratio Lower Upper
117 100
82 51.4 40.8 61.2
119 32.2 25.2 37.8

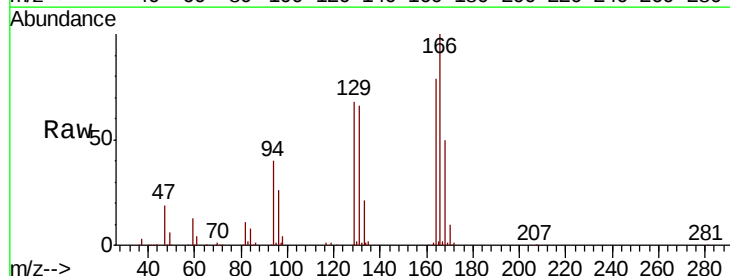


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

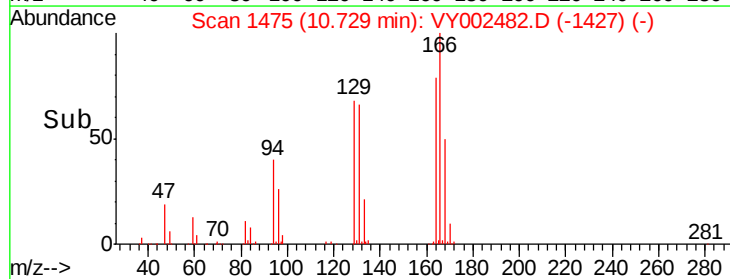
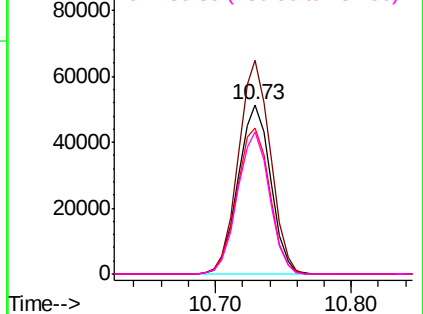


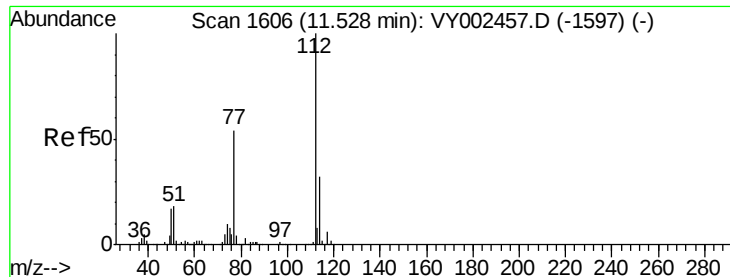
#64
Tetrachloroethene
Concen: 20.788 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. -0.01 min
Lab File: VY002482.D
Acq: 24 Apr 2020 15:10

Tgt Ion:164 Resp: 85648
Ion Ratio Lower Upper
164 100
166 126.2 100.0 150.0
129 86.3 69.8 104.8
131 83.8 67.9 101.9



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 20.525 ug/l

RT: 11.52 min Scan# 1605

Delta R.T. -0.01 min

Lab File: VY002482.D

Acq: 24 Apr 2020 15:10

Instrument :

MSVOA_Y

ClientSampleId :

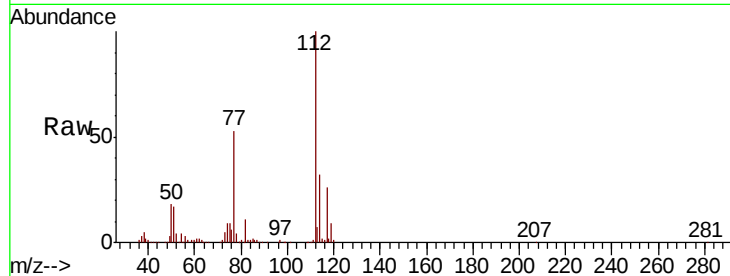
VY0424SBS01

Tot Ion:112 Resp: 177884

Ion Ratio Lower Upper

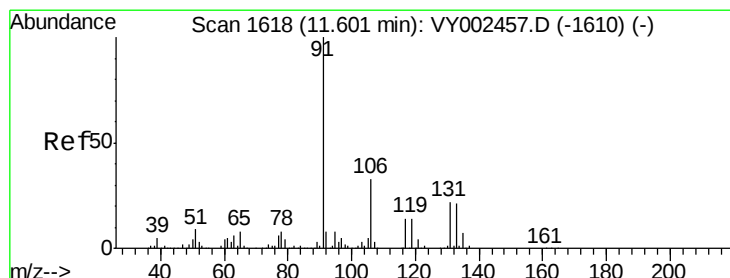
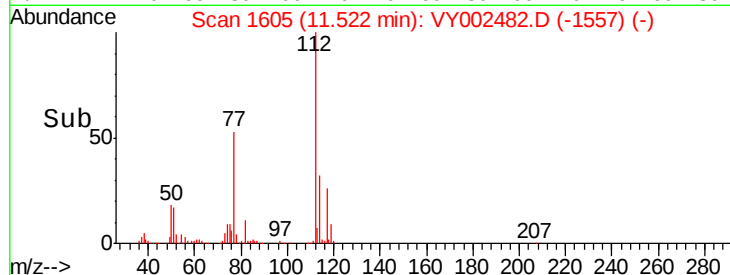
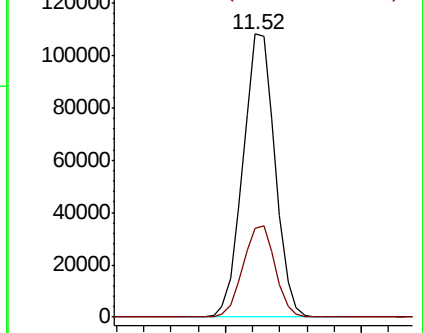
112 100

114 31.5 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.613 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VY002482.D

Acq: 24 Apr 2020 15:10

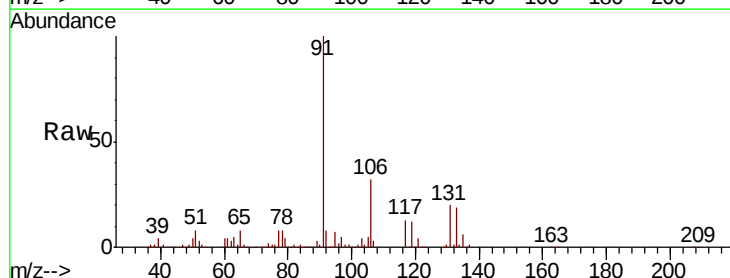
Tgt Ion:131 Resp: 67031

Ion Ratio Lower Upper

131 100

133 96.6 47.8 143.4

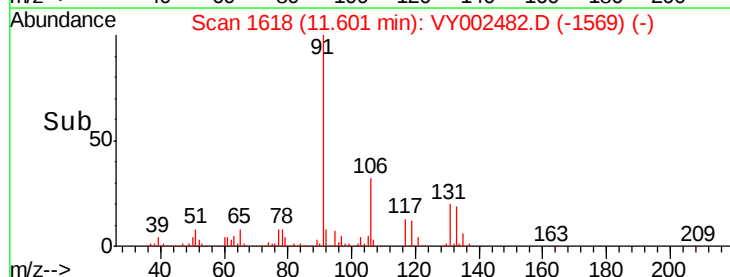
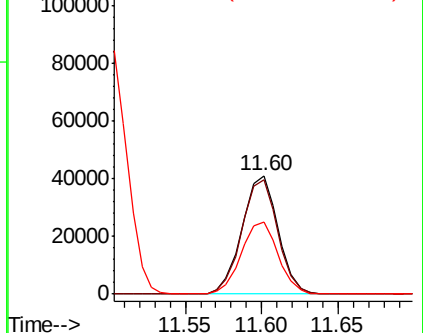
119 62.7 31.1 93.3

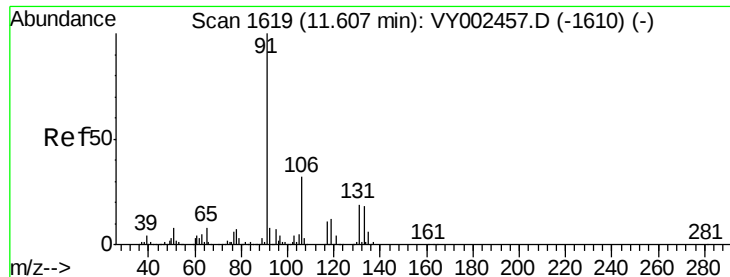


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

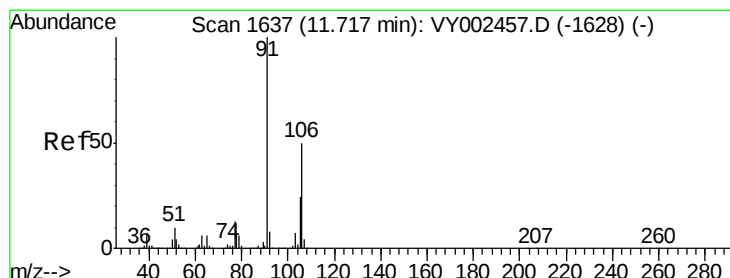
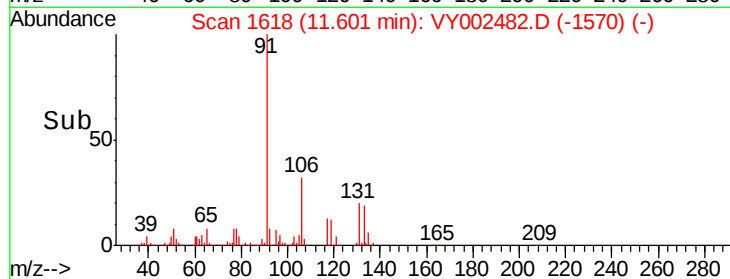
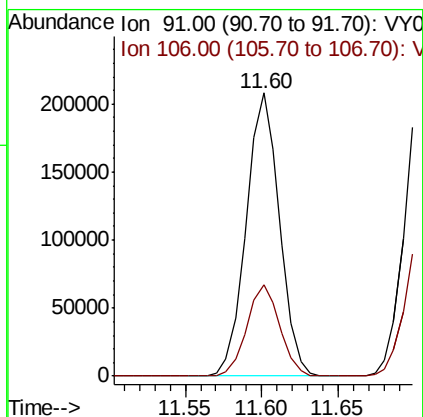
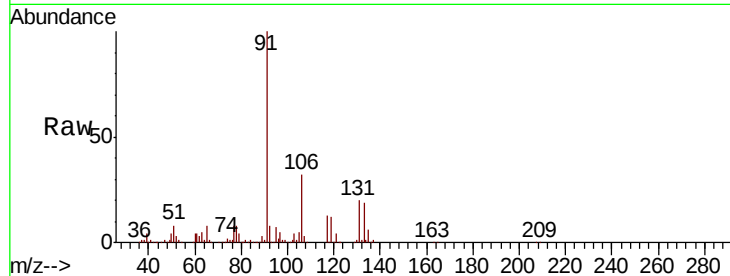




#67
Ethyl Benzene
Concen: 20.331 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.01 min
Lab File: VY002482.D
Acq: 24 Apr 2020 15:10

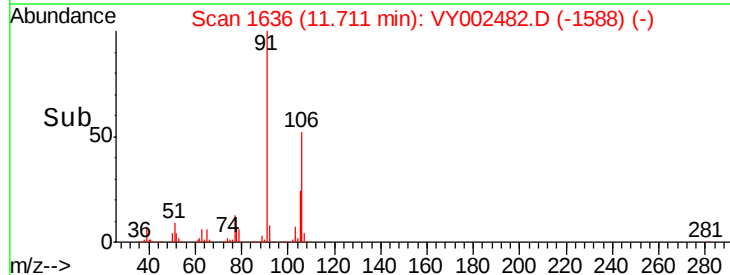
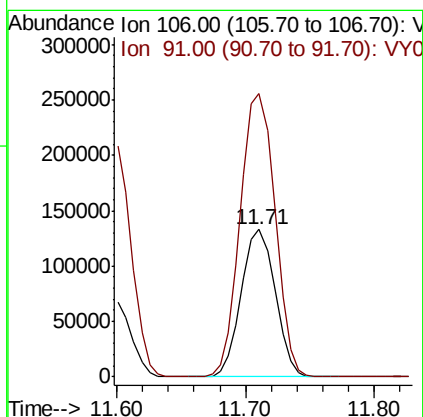
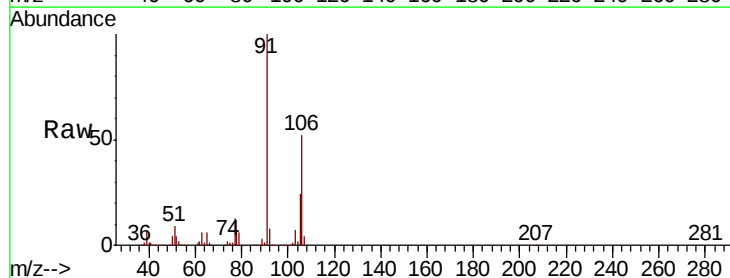
Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBS01

Tot Ion: 91 Resp: 314027
Ion Ratio Lower Upper
91 100
106 32.4 25.8 38.6



#68
m/p-Xylenes
Concen: 41.070 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. -0.01 min
Lab File: VY002482.D
Acq: 24 Apr 2020 15:10

Tgt Ion: 106 Resp: 244208
Ion Ratio Lower Upper
106 100
91 196.8 159.8 239.6

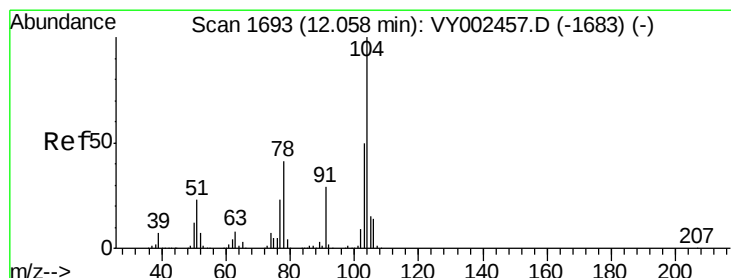
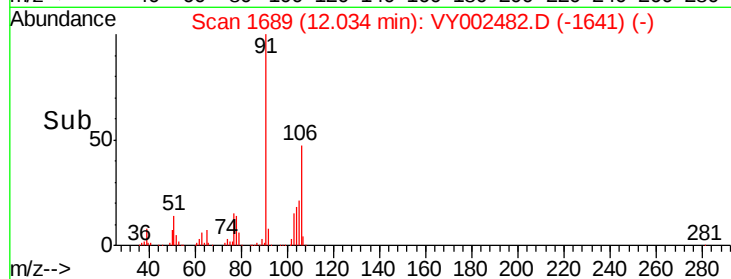
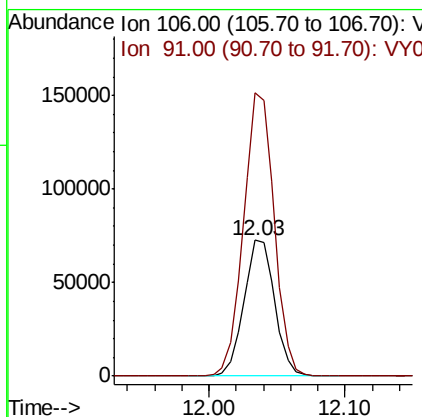
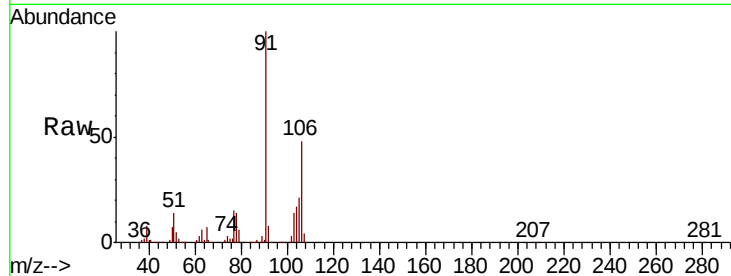




#69
o-Xylene
Concen: 20.853 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VY002482.D
Acq: 24 Apr 2020 15:10

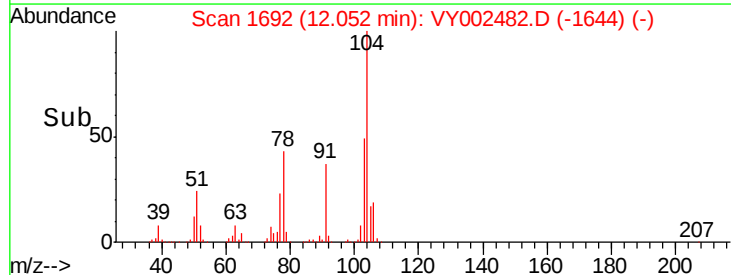
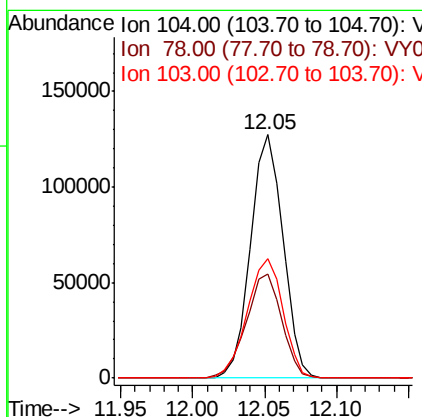
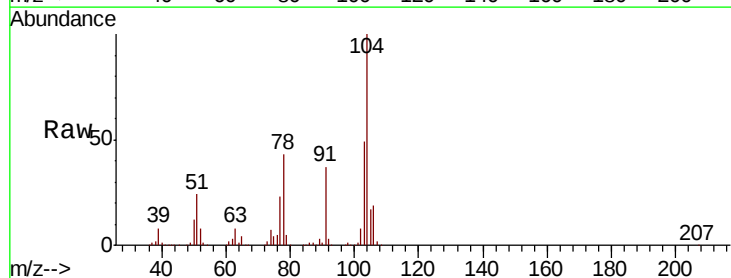
Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBS01

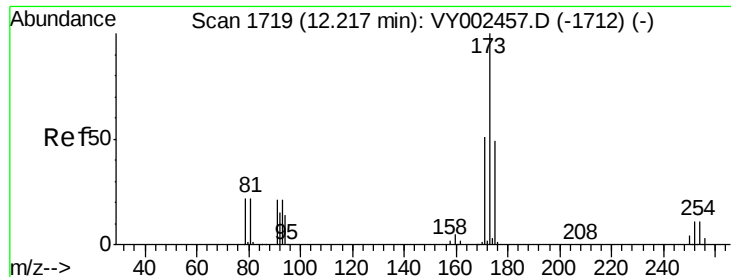
Tot Ion:106 Resp: 114822
Ion Ratio Lower Upper
106 100
91 207.9 104.5 313.3



#70
Styrene
Concen: 20.655 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.01 min
Lab File: VY002482.D
Acq: 24 Apr 2020 15:10

Tgt Ion:104 Resp: 198034
Ion Ratio Lower Upper
104 100
78 47.0 38.0 57.0
103 54.3 44.4 66.6





#71

Bromoform

Concen: 20.729 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.00 min

Lab File: VY002482.D

Acq: 24 Apr 2020 15:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0424SBS01

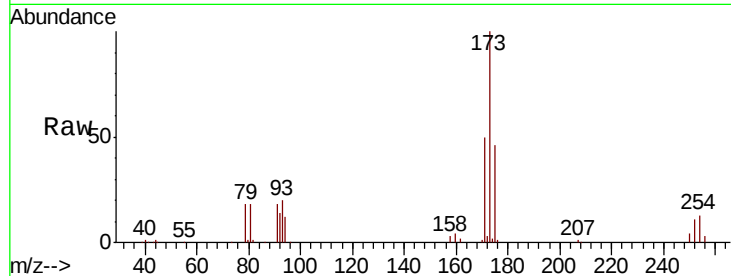
Tot Ion:173 Resp: 42464

Ion Ratio Lower Upper

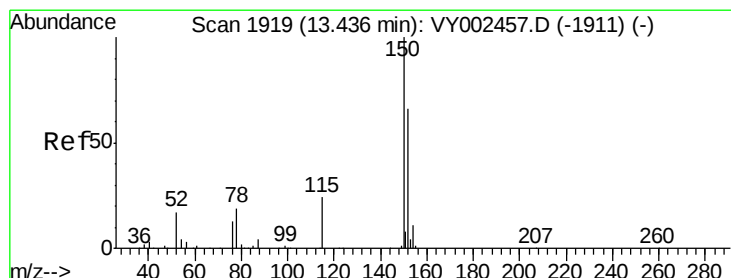
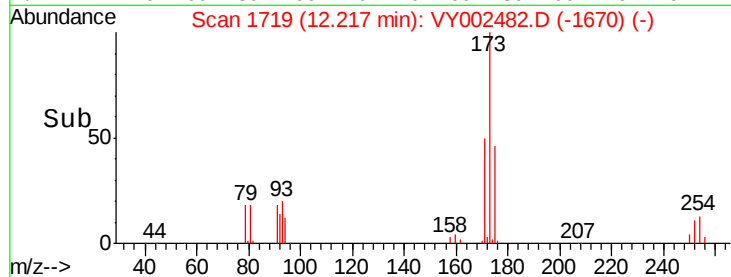
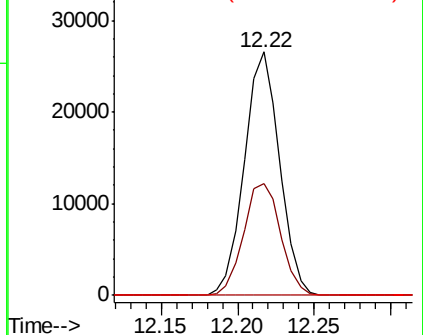
173 100

175 48.5 24.3 73.0

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY002482.D

Acq: 24 Apr 2020 15:10

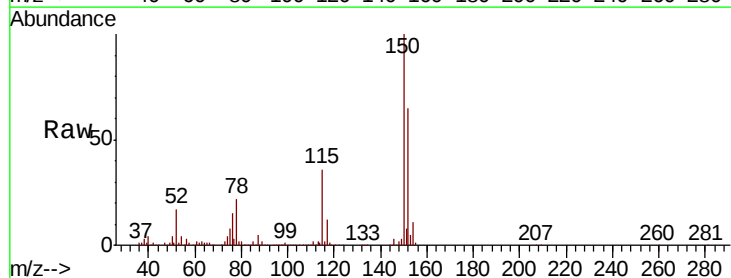
Tgt Ion:152 Resp: 214358

Ion Ratio Lower Upper

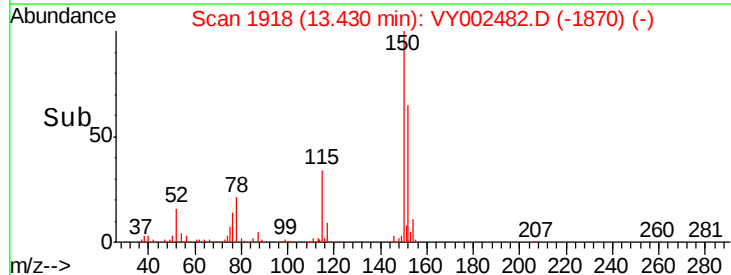
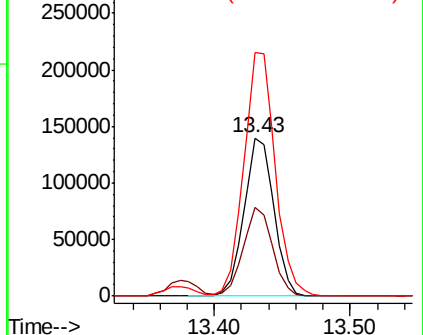
152 100

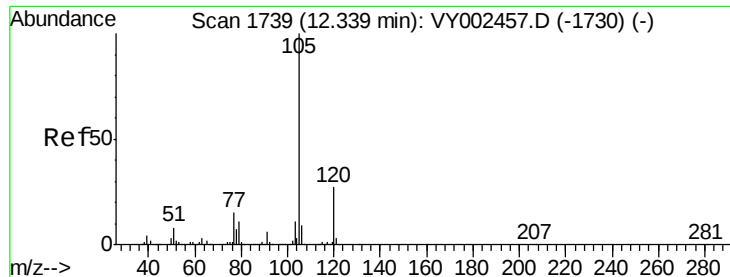
115 54.9 27.3 81.8

150 162.1 0.0 346.8



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





#73

Isopropylbenzene

Concen: 22.045 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. -0.00 min

Lab File: VY002482.D

Acq: 24 Apr 2020 15:10

Instrument :

MSVOA_Y

ClientSampleId :

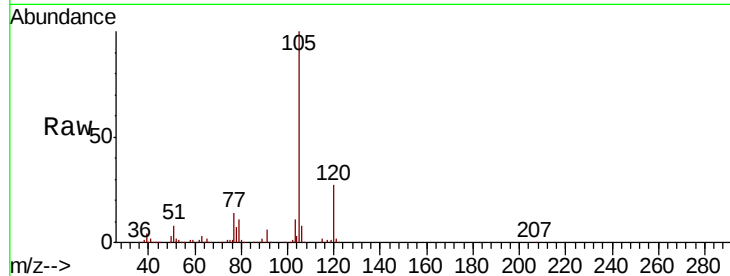
VY0424SBS01

Tot Ion:105 Resp: 315917

Ion Ratio Lower Upper

105 100

120 27.4 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

50000

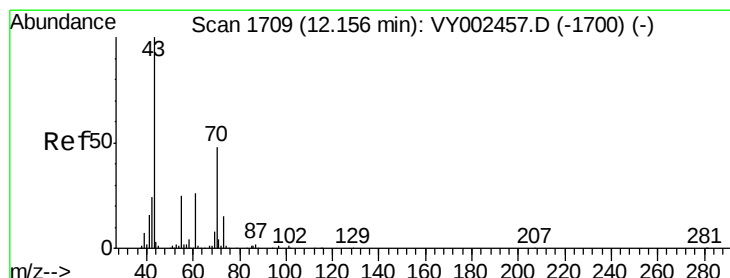
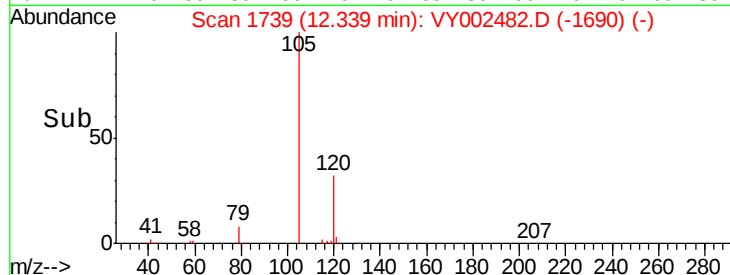
0

12.30

12.34

12.40

Time-->



#74

N-ethyl acetate

Concen: 22.608 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. -0.01 min

Lab File: VY002482.D

Acq: 24 Apr 2020 15:10

Tgt Ion: 43 Resp: 76773

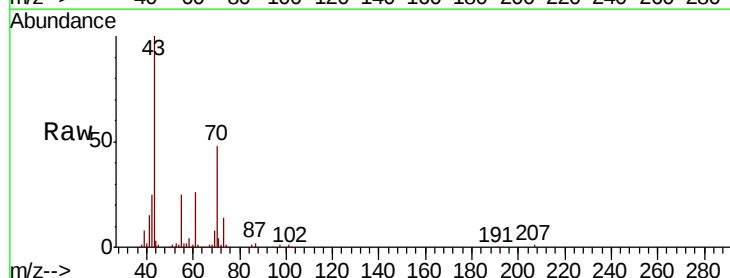
Ion Ratio Lower Upper

43 100

70 46.7 37.2 55.8

55 24.5 19.6 29.4

61 25.8 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

80000

60000

40000

20000

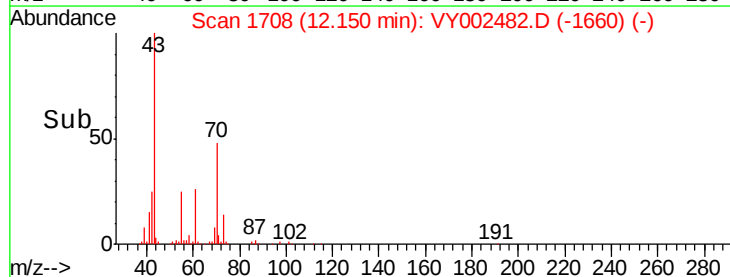
0

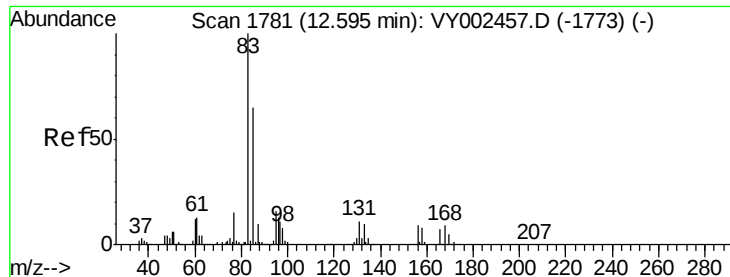
12.10

12.15

12.20

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 22.718 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.01 min

Lab File: VY002482.D

Acq: 24 Apr 2020 15:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0424SBS01

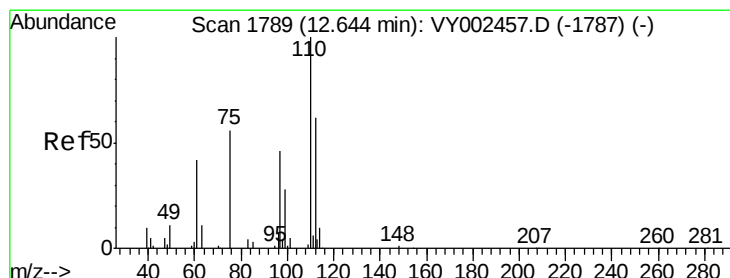
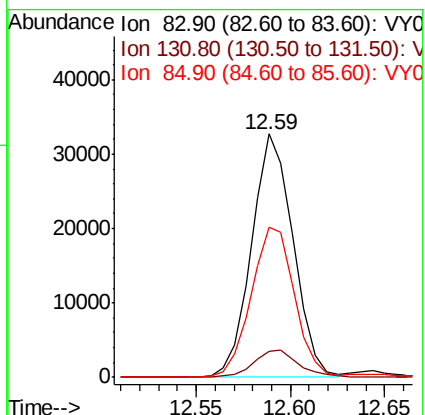
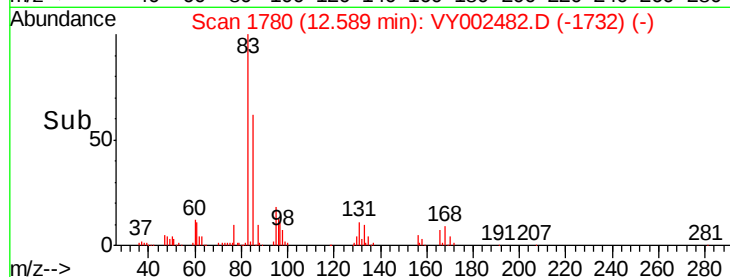
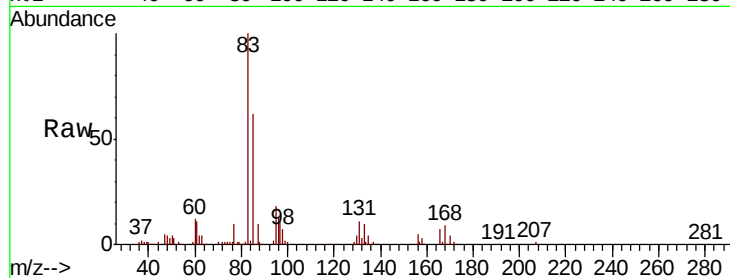
Tot Ion: 83 Resp: 50001

Ion Ratio Lower Upper

83 100

131 12.3 6.2 18.6

85 64.3 32.5 97.5



#76

1,2,3-Trichloropropane

Concen: 19.859 ug/l m

RT: 12.64 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VY002482.D

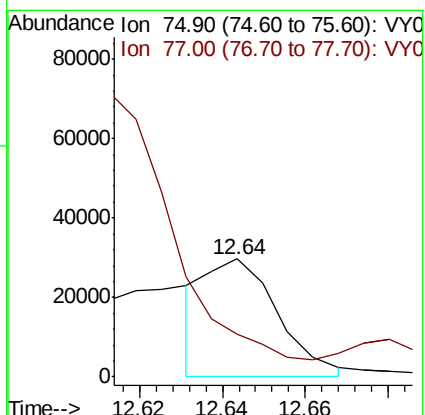
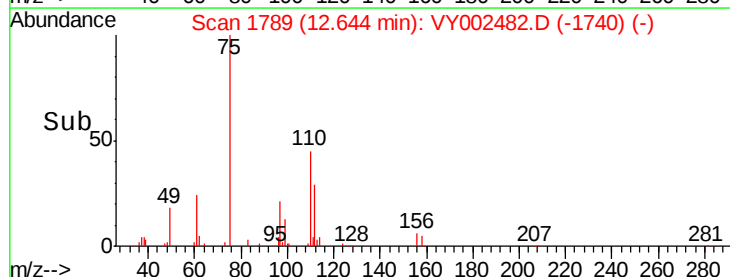
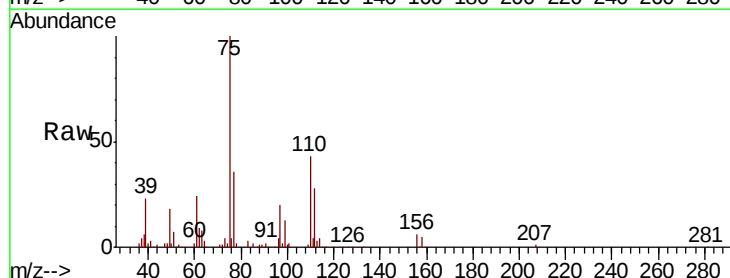
Acq: 24 Apr 2020 15:10

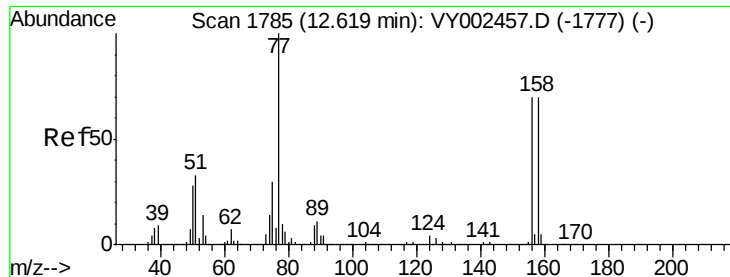
Tgt Ion: 75 Resp: 36079

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.794 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VY002482.D

Acq: 24 Apr 2020 15:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0424SBS01

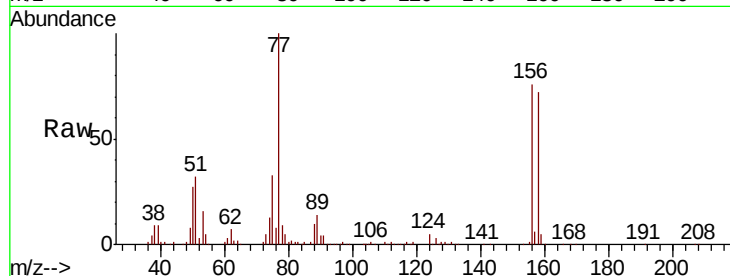
Tot Ion:156 Resp: 78333

Ion Ratio Lower Upper

156 100

77 162.8 78.5 235.7

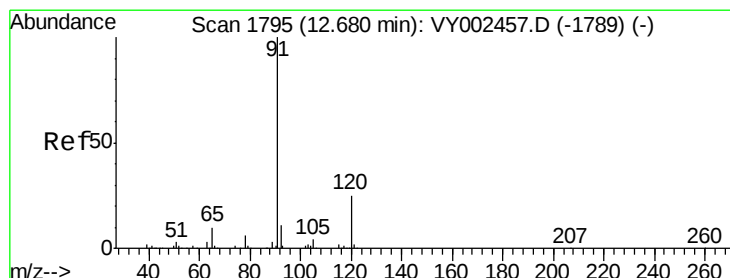
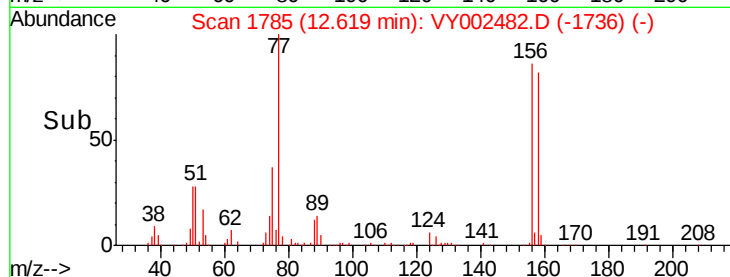
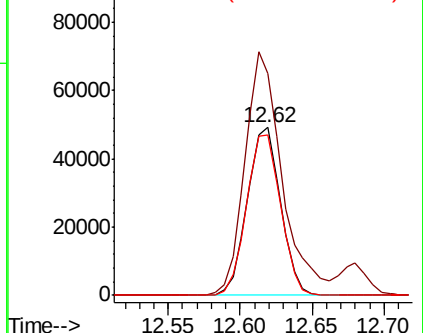
158 97.4 48.4 145.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.747 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VY002482.D

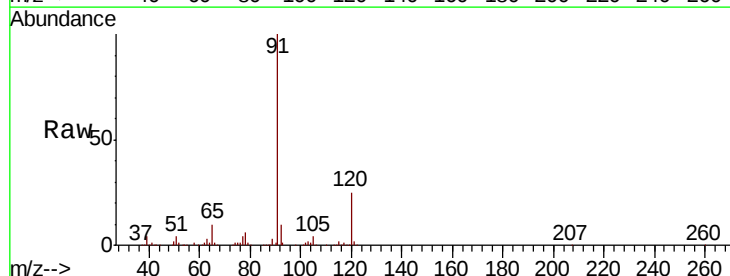
Acq: 24 Apr 2020 15:10

Tgt Ion: 91 Resp: 361857

Ion Ratio Lower Upper

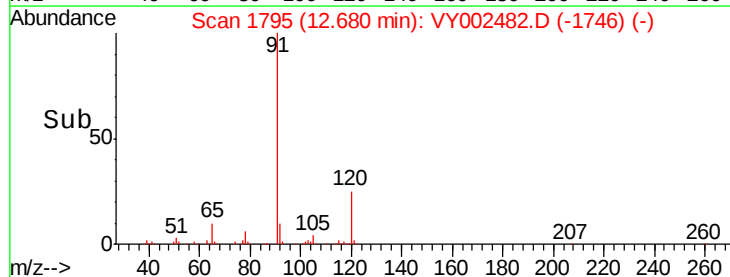
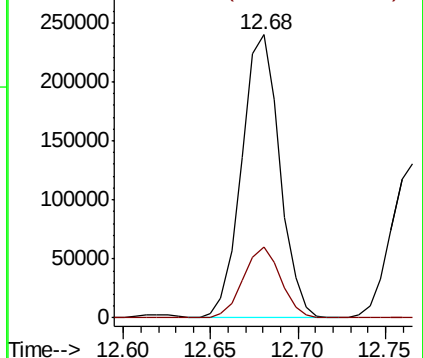
91 100

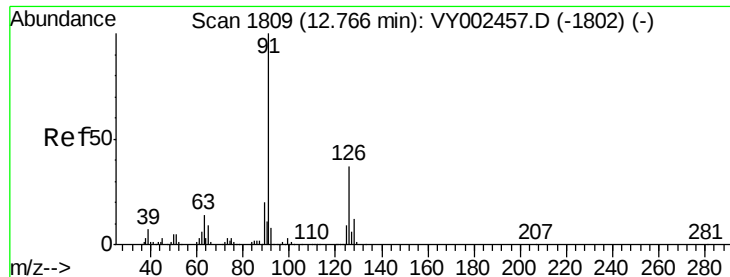
120 24.7 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.168 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VY002482.D

Acq: 24 Apr 2020 15:10

Instrument :

MSVOA_Y

ClientSampleId :

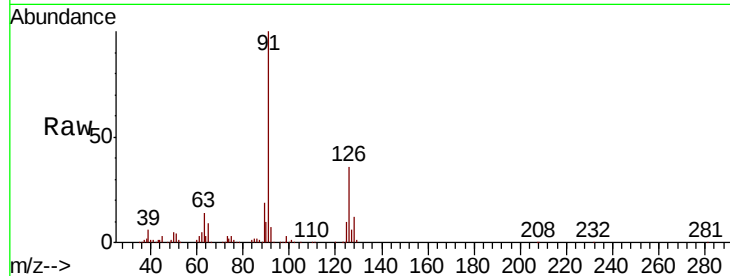
VY0424SBS01

Tot Ion: 91 Resp: 201839

Ion Ratio Lower Upper

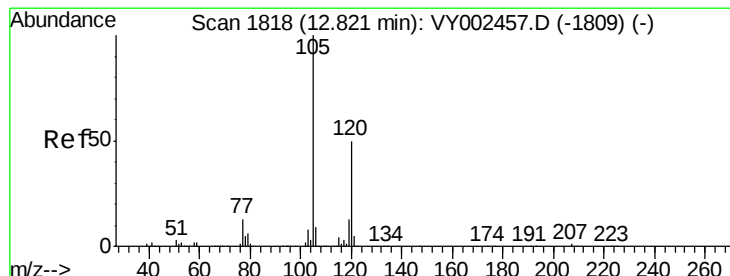
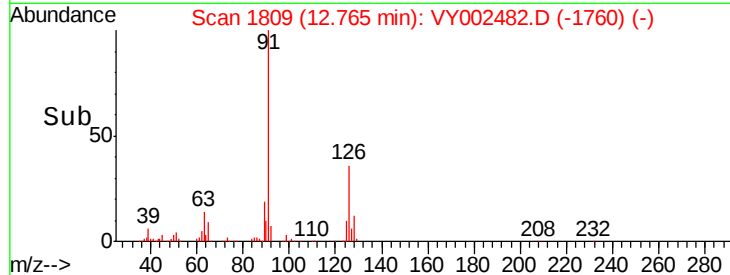
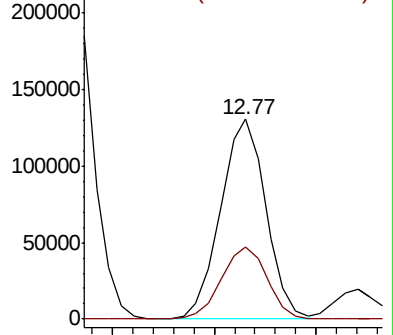
91 100

126 36.5 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.729 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VY002482.D

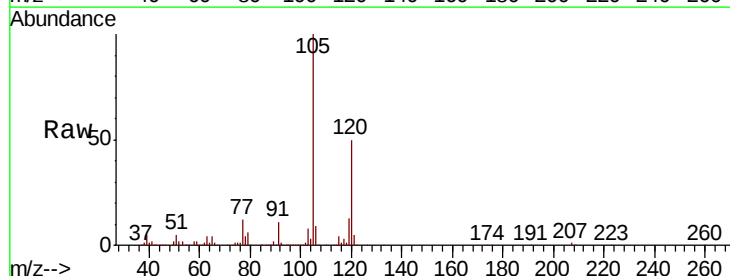
Acq: 24 Apr 2020 15:10

Tgt Ion:105 Resp: 264290

Ion Ratio Lower Upper

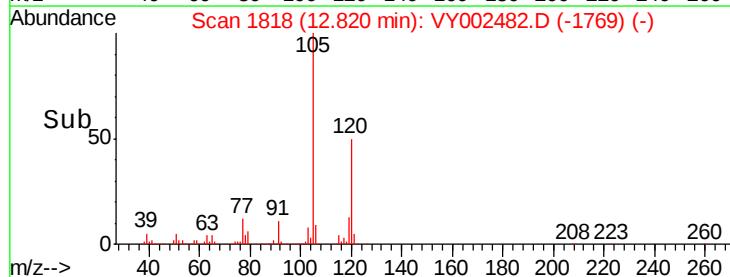
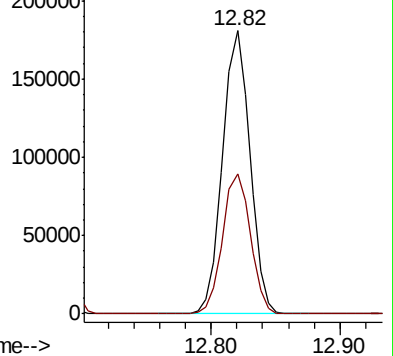
105 100

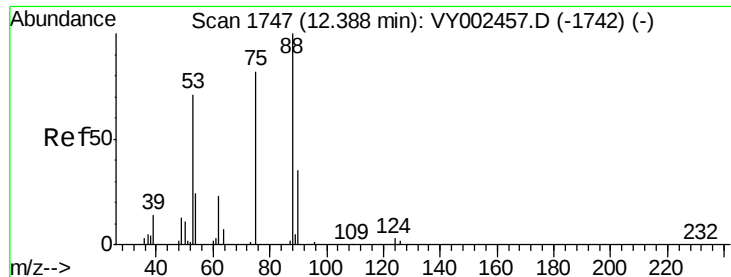
120 50.4 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 22.534 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VY002482.D

Acq: 24 Apr 2020 15:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0424SBS01

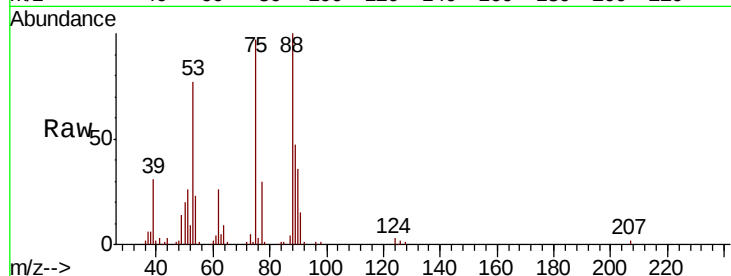
Tot Ion: 75 Resp: 22124

Ion Ratio Lower Upper

75 100

53 83.5 70.0 105.0

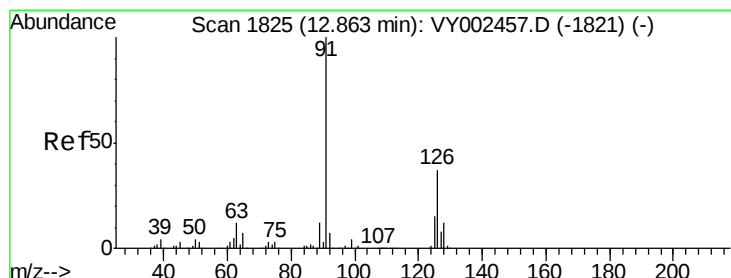
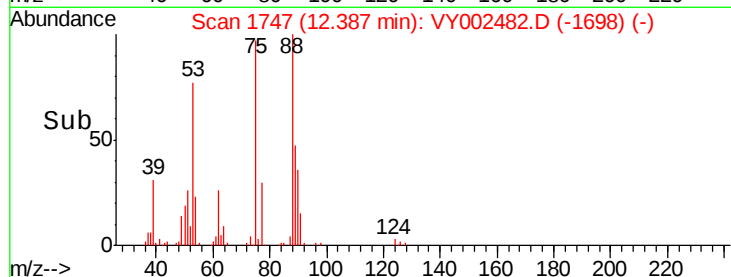
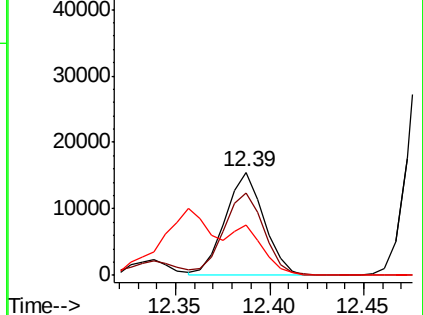
89 0.0 34.9 52.3#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 22.501 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VY002482.D

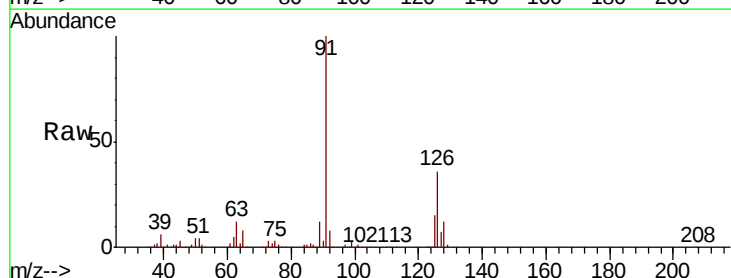
Acq: 24 Apr 2020 15:10

Tgt Ion: 91 Resp: 211744

Ion Ratio Lower Upper

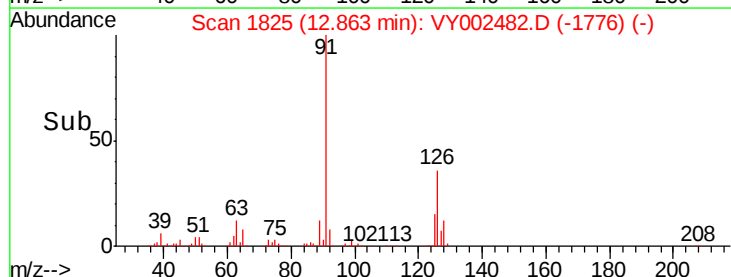
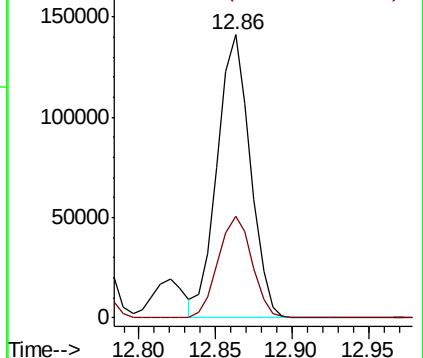
91 100

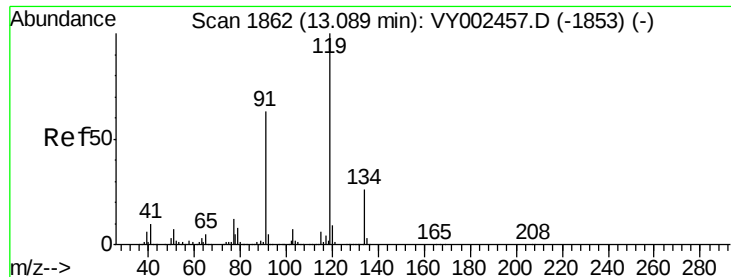
126 36.8 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

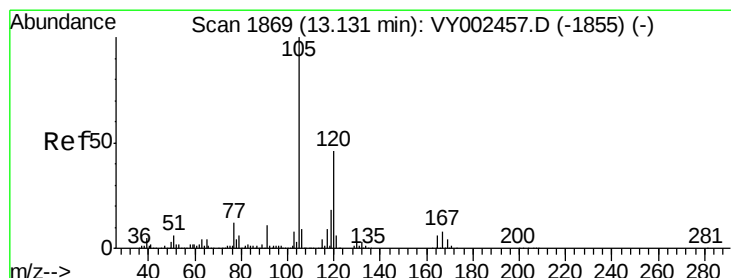
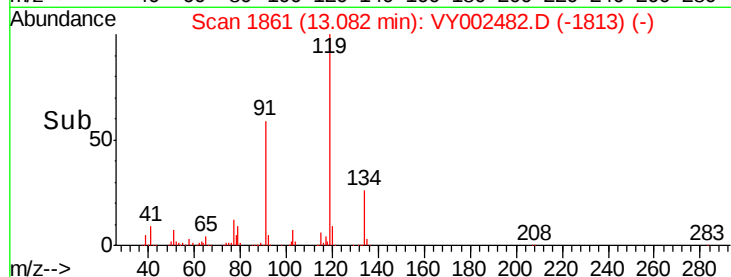
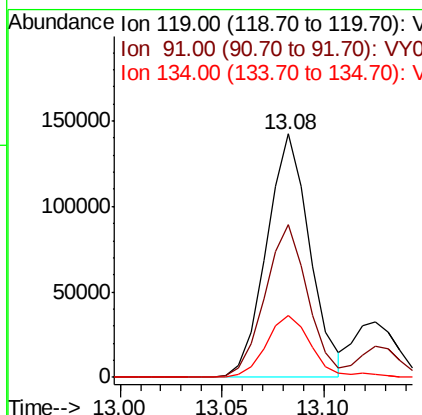
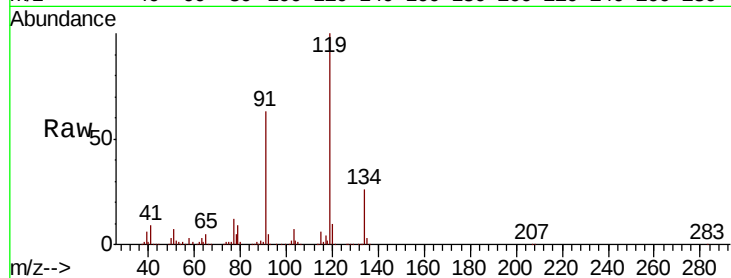




#83
 tert-Butylbenzene
 Concen: 19.957 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. -0.01 min
 Lab File: VY002482.D
 Acq: 24 Apr 2020 15:10

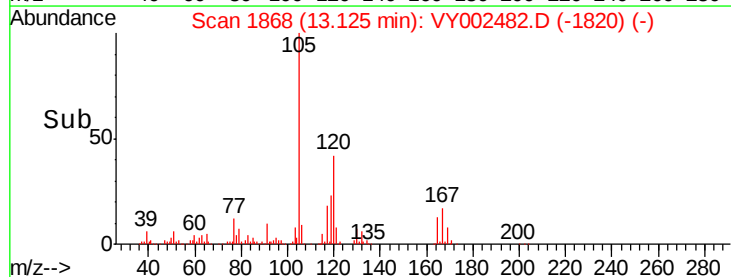
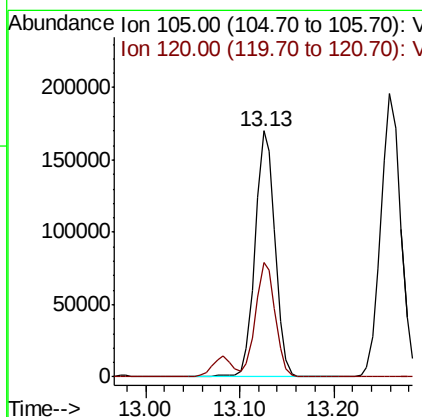
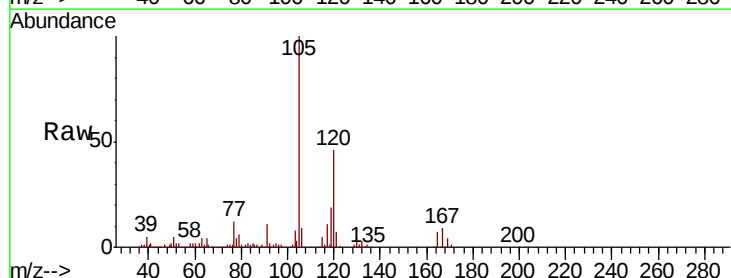
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0424SBS01

Tot Ion:119 Resp: 210794
 Ion Ratio Lower Upper
 119 100
 91 61.9 30.8 92.3
 134 27.0 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 21.769 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. -0.01 min
 Lab File: VY002482.D
 Acq: 24 Apr 2020 15:10

Tgt Ion:105 Resp: 254036
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.1 69.2

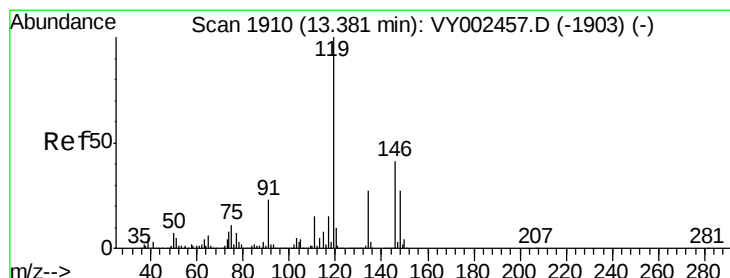
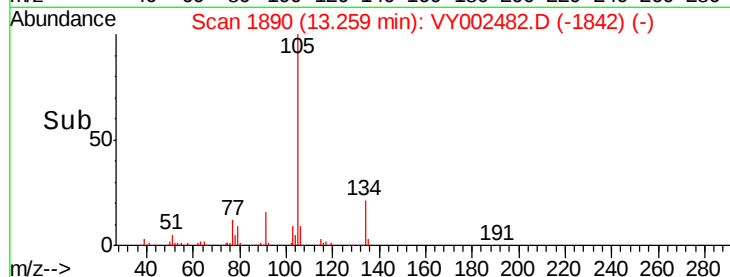
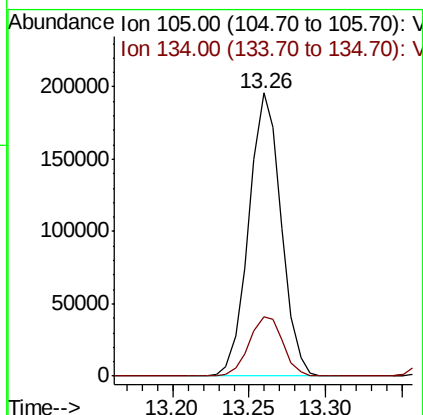
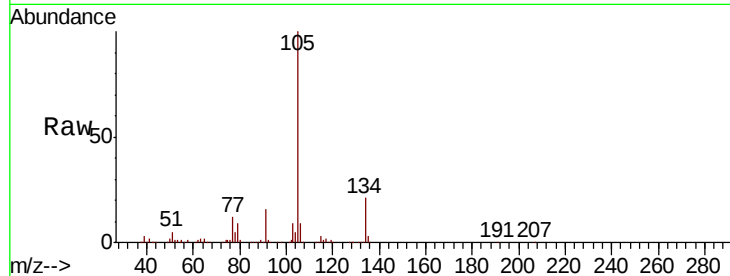




#85
 sec-Butylbenzene
 Concen: 20.338 ug/l
 RT: 13.26 min Scan# 1890
 Delta R.T. -0.01 min
 Lab File: VY002482.D
 Acq: 24 Apr 2020 15:10

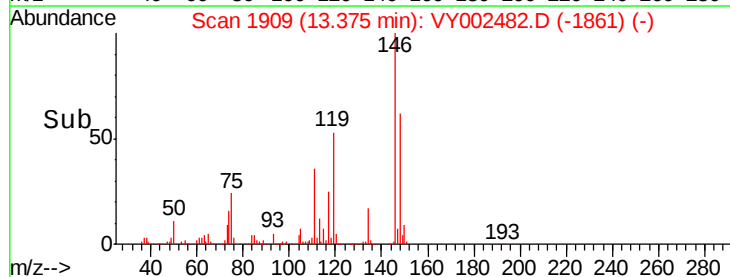
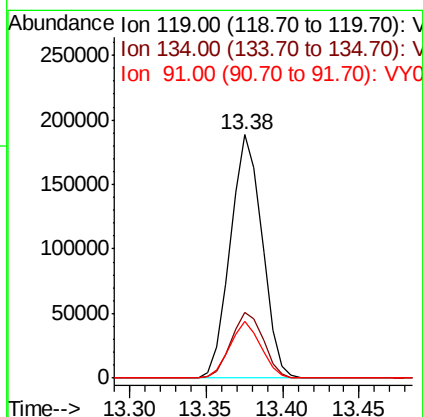
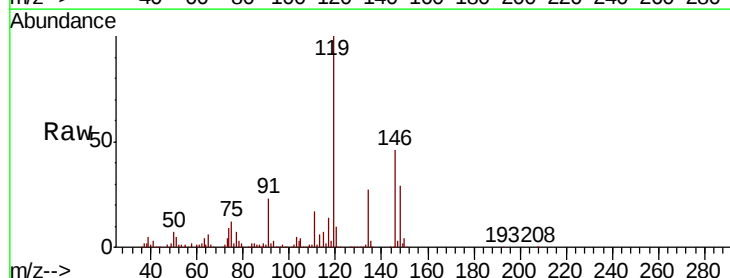
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0424SBS01

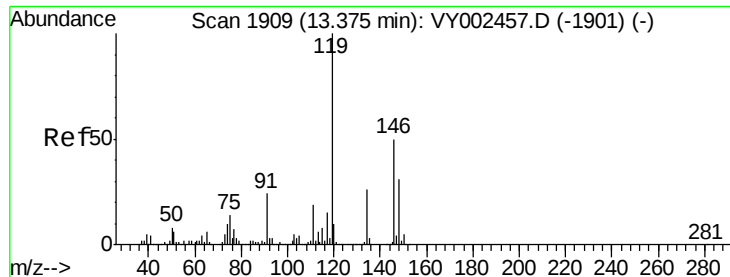
Tot Ion:105 Resp: 287633
 Ion Ratio Lower Upper
 105 100
 134 21.7 10.8 32.3



#86
 p-Isopropyltoluene
 Concen: 20.148 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. -0.01 min
 Lab File: VY002482.D
 Acq: 24 Apr 2020 15:10

Tgt Ion:119 Resp: 271751
 Ion Ratio Lower Upper
 119 100
 134 27.6 13.5 40.5
 91 22.8 11.5 34.4





#87

1,3-Dichlorobenzene

Concen: 20.243 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY002482.D

Acq: 24 Apr 2020 15:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0424SBS01

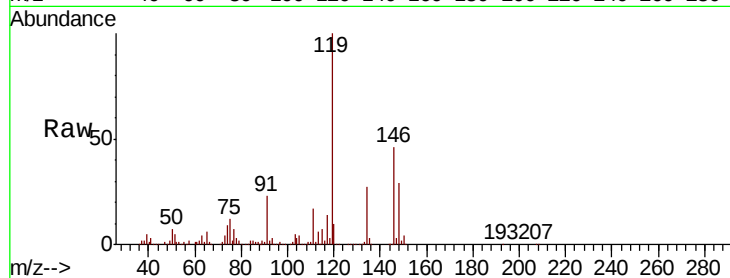
Tot Ion:146 Resp: 134566

Ion Ratio Lower Upper

146 100

111 37.2 18.8 56.3

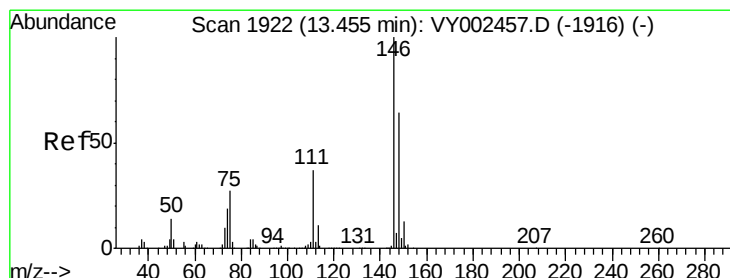
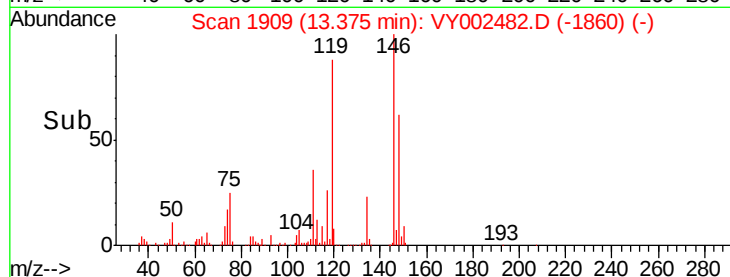
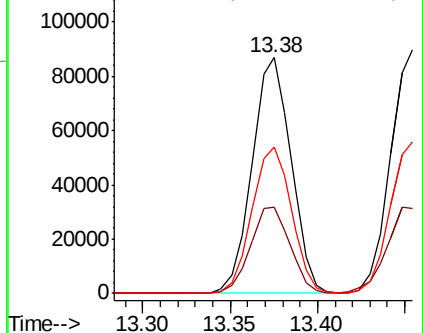
148 63.1 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 20.640 ug/l

RT: 13.45 min Scan# 1922

Delta R.T. -0.00 min

Lab File: VY002482.D

Acq: 24 Apr 2020 15:10

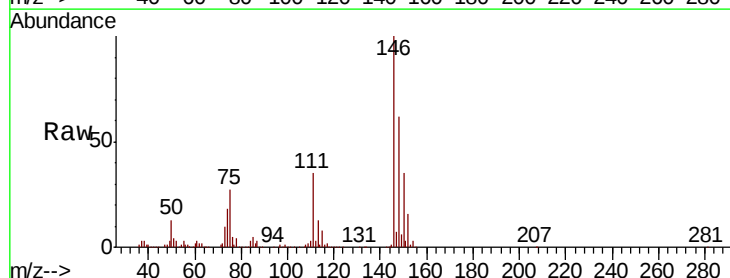
Tgt Ion:146 Resp: 136437

Ion Ratio Lower Upper

146 100

111 37.8 18.1 54.1

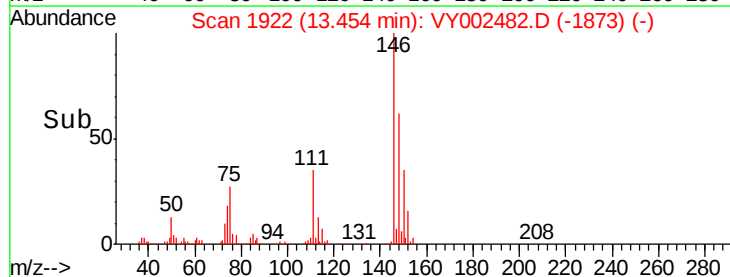
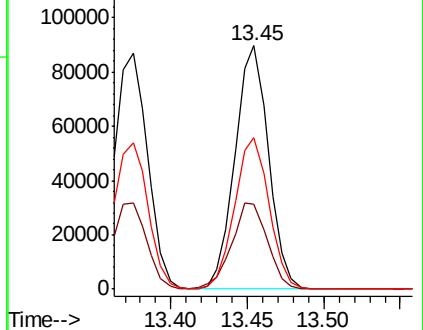
148 63.9 32.1 96.5

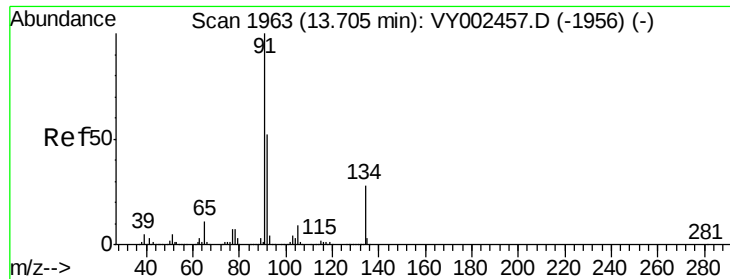


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 20.541 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VY002482.D

Acq: 24 Apr 2020 15:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0424SBS01

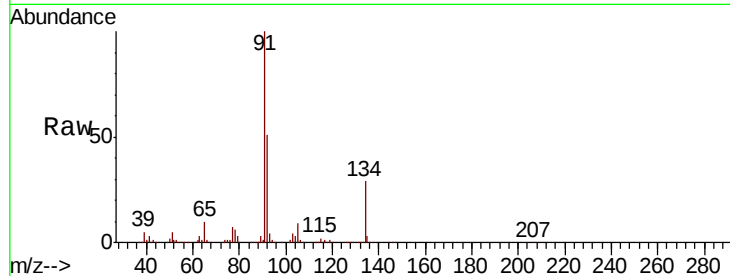
Tot Ion: 91 Resp: 255572

Ion Ratio Lower Upper

91 100

92 53.2 26.5 79.4

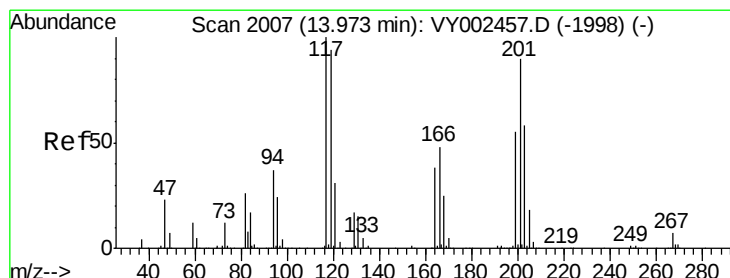
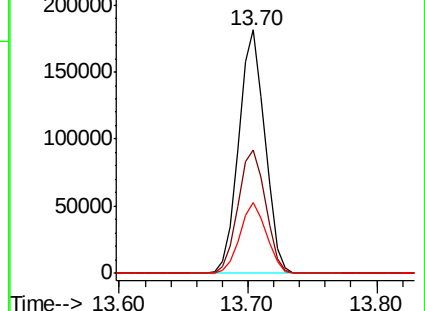
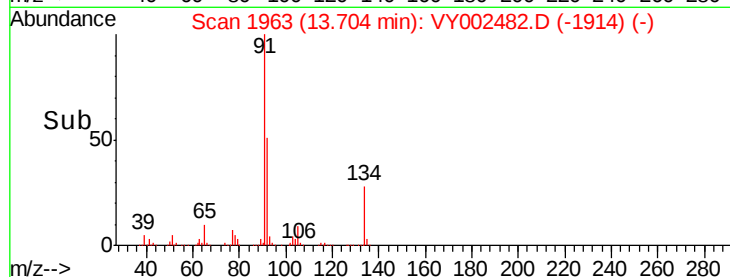
134 29.4 14.3 42.9



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

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

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



#90

Hexachloroethane

Concen: 21.921 ug/l

RT: 13.97 min Scan# 2006

Delta R.T. -0.01 min

Lab File: VY002482.D

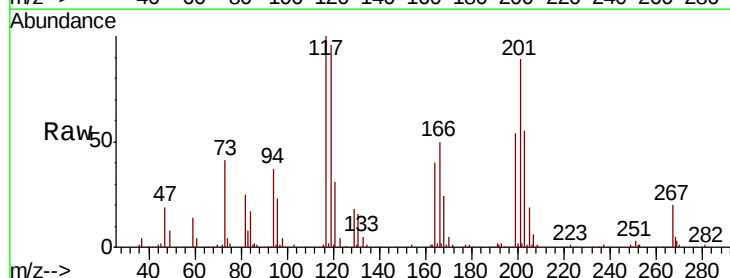
Acq: 24 Apr 2020 15:10

Tgt Ion: 117 Resp: 53440

Ion Ratio Lower Upper

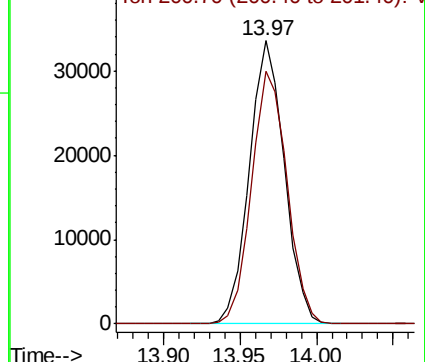
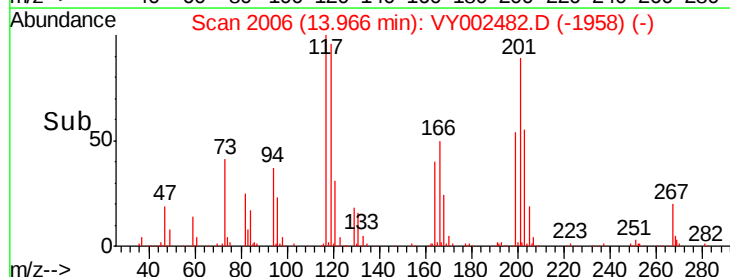
117 100

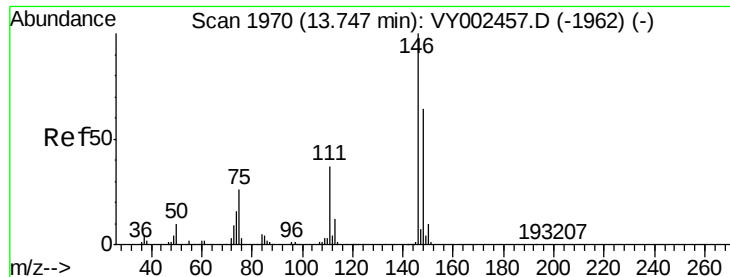
201 90.4 44.4 133.1



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

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

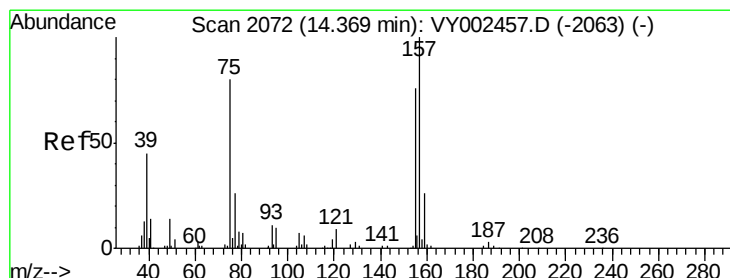
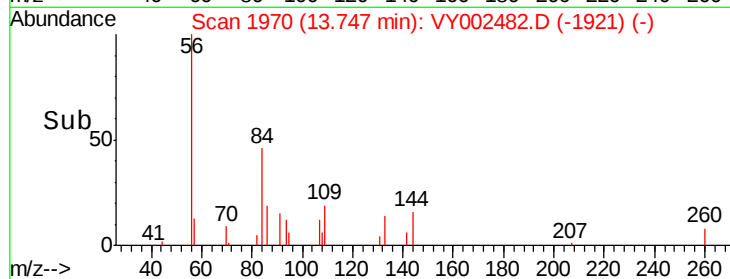
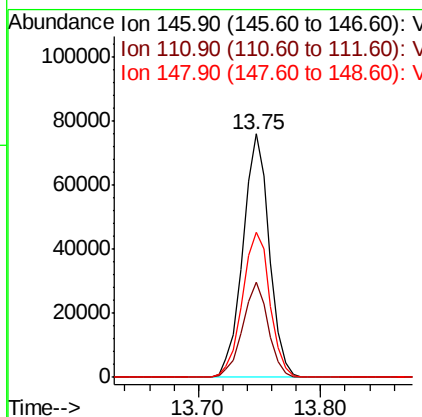
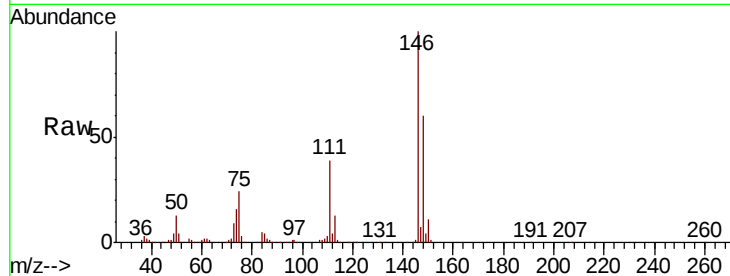




#91
 1,2-Dichlorobenzene
 Concen: 19.743 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: VY002482.D
 Acq: 24 Apr 2020 15:10

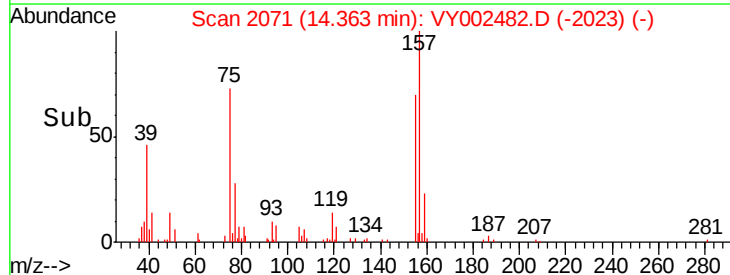
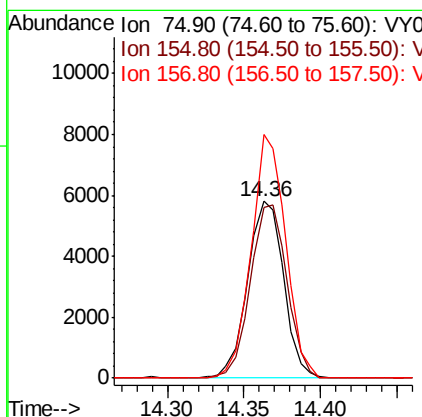
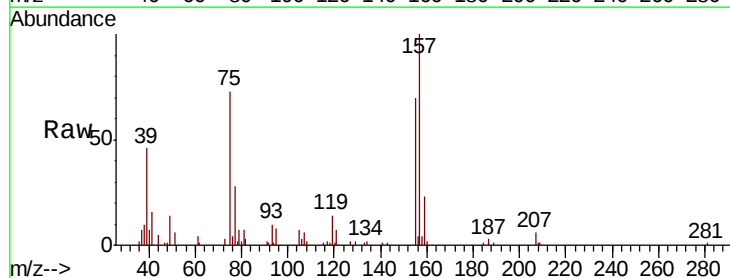
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0424SBS01

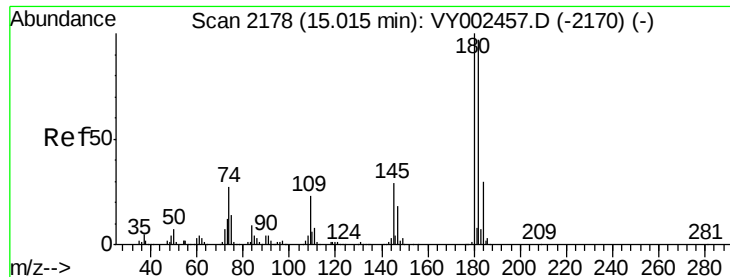
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.9	56.9
148	62.3	31.6	94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.867 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VY002482.D
 Acq: 24 Apr 2020 15:10

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.2	49.6	149.0
157	130.9	62.6	187.9

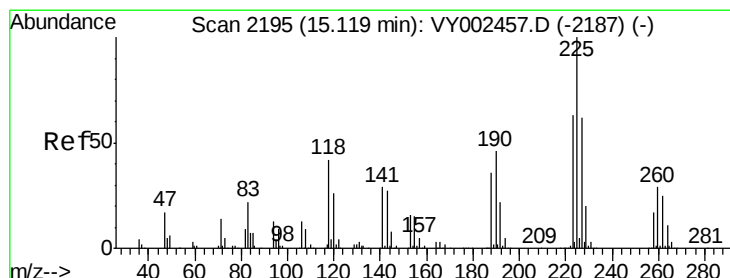
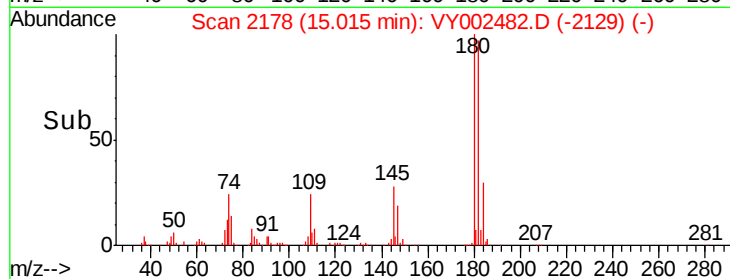
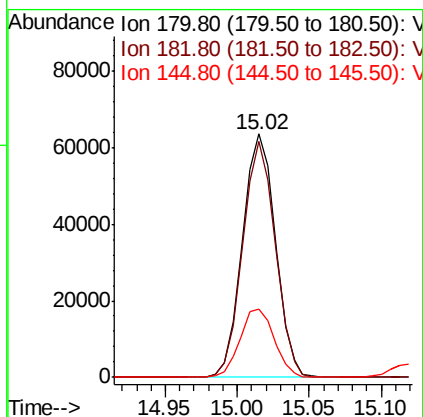
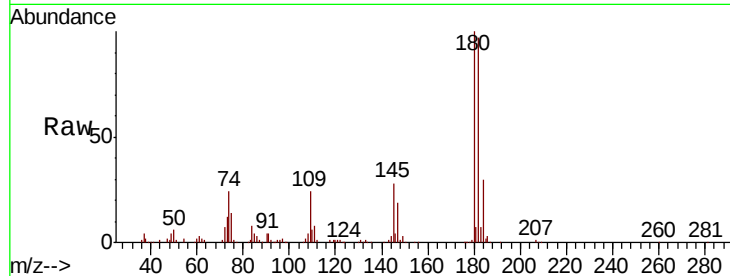




#93
 1,2,4-Trichlorobenzene
 Concen: 22.328 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: VY002482.D
 Acq: 24 Apr 2020 15:10

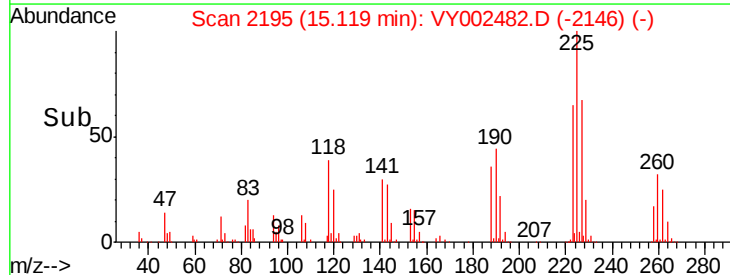
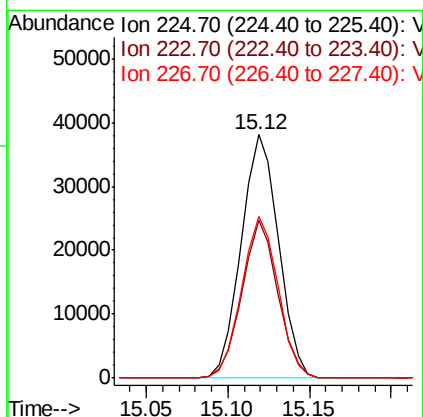
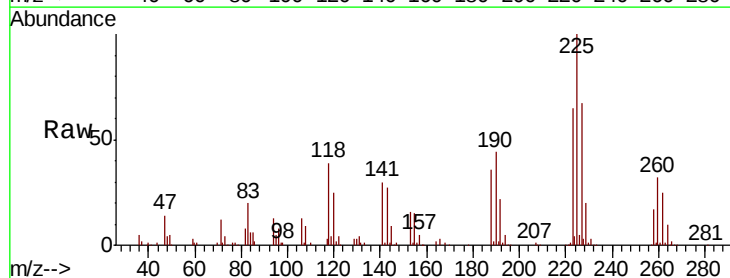
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0424SBS01

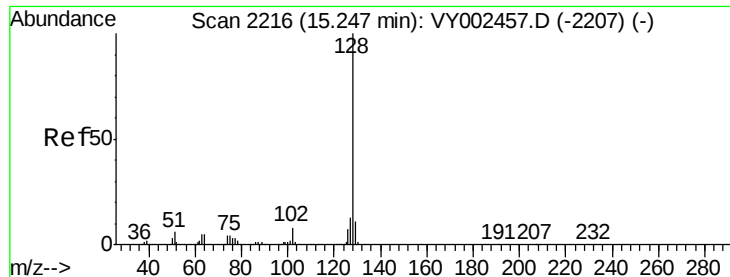
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.9	143.7
145	29.4	14.2	42.6



#94
 Hexachlorobutadiene
 Concen: 22.309 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.00 min
 Lab File: VY002482.D
 Acq: 24 Apr 2020 15:10

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.1	93.3
227	64.8	31.5	94.5





#95

Naphthalene

Concen: 22.495 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. -0.00 min

Lab File: VY002482.D

Acq: 24 Apr 2020 15:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0424SBS01

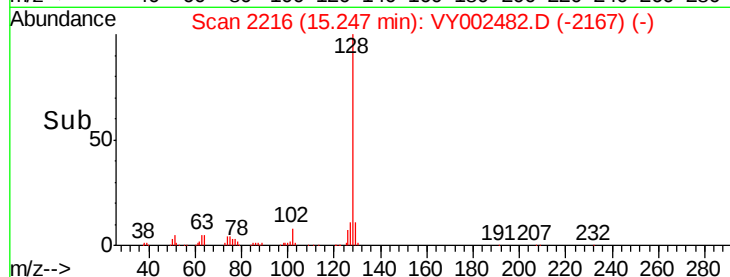
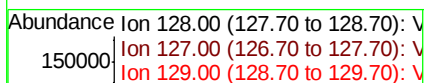
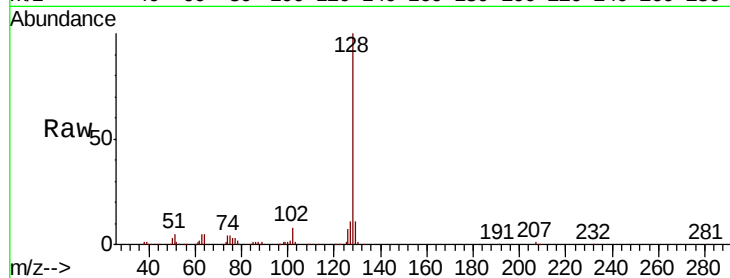
Tot Ion:128 Resp: 188502

Ion Ratio Lower Upper

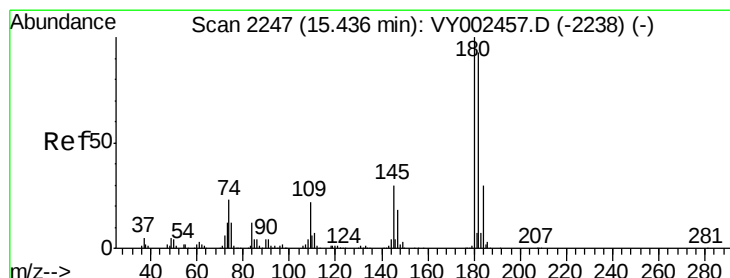
128 100

127 12.6 10.5 15.7

129 10.7 8.8 13.2



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 22.906 ug/l

RT: 15.44 min Scan# 2247

Delta R.T. -0.00 min

Lab File: VY002482.D

Acq: 24 Apr 2020 15:10

Tgt Ion:180 Resp: 87788

Ion Ratio Lower Upper

180 100

182 94.5 47.5 142.6

145 31.3 15.3 45.9

