

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040920\
 Data File : VY002265.D
 Acq On : 09 Apr 2020 11:16
 Operator : SY/MD
 Sample : VY0409SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0409SBS01

Quant Time: Apr 10 04:27:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	167550	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	304888	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	274108	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	126294	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	87495	46.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.92%	
35) Dibromofluoromethane	7.74	113	86225	47.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.06%	
50) Toluene-d8	10.19	98	358482	47.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.42%	
62) 4-Bromofluorobenzene	12.49	95	120948	48.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	33410	19.730	ug/l	97
3) Chloromethane	2.13	50	42413	19.901	ug/l	98
4) Vinyl Chloride	2.26	62	45565	20.087	ug/l	99
5) Bromomethane	2.66	94	27782	19.833	ug/l	100
6) Chloroethane	2.80	64	25360	19.385	ug/l	95
7) Trichlorofluoromethane	3.14	101	58714	20.042	ug/l	96
8) Diethyl Ether	3.55	74	24979	20.057	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.92	101	40492	20.348	ug/l	99
10) Methyl Iodide	4.11	142	42306	18.290	ug/l	100
11) Tert butyl alcohol	4.98	59	27322	120.275	ug/l #	90
12) 1,1-Dichloroethene	3.89	96	41606	20.565	ug/l	98
13) Acrolein	3.75	56	22668	94.353	ug/l	99
14) Allyl chloride	4.49	41	67904	20.785	ug/l	99
15) Acrylonitrile	5.18	53	62049	97.428	ug/l	98
16) Acetone	3.97	43	50471	102.844	ug/l	95
17) Carbon Disulfide	4.21	76	134097	19.958	ug/l	99
18) Methyl Acetate	4.50	43	31229	20.515	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	105544	19.844	ug/l	99
20) Methylene Chloride	4.74	84	48275	20.013	ug/l	97
21) trans-1,2-Dichloroethene	5.24	96	46063	20.285	ug/l	98
22) Diisopropyl ether	6.14	45	137246	20.875	ug/l	97
23) Vinyl Acetate	6.08	43	425545	101.568	ug/l	98
24) 1,1-Dichloroethane	6.04	63	75804	20.271	ug/l	98
25) 2-Butanone	7.00	43	76929	99.053	ug/l	90
26) 2,2-Dichloropropane	7.00	77	64927	20.755	ug/l	97
27) cis-1,2-Dichloroethene	7.00	96	49746	20.096	ug/l	98
28) Bromochloromethane	7.35	49	34186	21.177	ug/l	95
29) Tetrahydrofuran	7.36	42	50050	97.491	ug/l	99
30) Chloroform	7.52	83	72450	20.552	ug/l	98
31) Cyclohexane	7.80	56	80840	20.594	ug/l	91
32) 1,1,1-Trichloroethane	7.72	97	59798	20.380	ug/l	99
36) 1,1-Dichloropropene	7.94	75	60196	20.045	ug/l	99
37) Ethyl Acetate	7.10	43	33754	19.675	ug/l	98
38) Carbon Tetrachloride	7.91	117	51302	19.971	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040920\
 Data File : VY002265.D
 Acq On : 09 Apr 2020 11:16
 Operator : SY/MD
 Sample : VY0409SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0409SBS01

Quant Time: Apr 10 04:27:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	83222	20.372	ug/l	96
40) Benzene	8.17	78	183075	20.093	ug/l	99
41) Methacrylonitrile	7.36	41	44377	43.848	ug/l #	100
42) 1,2-Dichloroethane	8.25	62	44499	19.716	ug/l	100
43) Isopropyl Acetate	8.28	43	60062	19.196	ug/l	100
44) Trichloroethene	8.95	130	51748	19.318	ug/l	94
45) 1,2-Dichloropropane	9.22	63	45845	20.279	ug/l	97
46) Dibromomethane	9.32	93	23440	19.830	ug/l	99
47) Bromodichloromethane	9.51	83	54103	19.948	ug/l	98
48) Methyl methacrylate	9.30	41	28547	20.348	ug/l	95
49) 1,4-Dioxane	9.31	88	6274	375.230	ug/l	92
51) 4-Methyl-2-Pentanone	10.08	43	168350	103.256	ug/l	98
52) Toluene	10.25	92	111426	20.292	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	59126	20.008	ug/l	93
54) cis-1,3-Dichloropropene	9.94	75	70016	19.708	ug/l	97
55) 1,1,2-Trichloroethane	10.66	97	34471	19.919	ug/l	99
56) Ethyl methacrylate	10.52	69	47686	19.307	ug/l	99
57) 1,3-Dichloropropane	10.80	76	59905	19.694	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.80	63	131399	102.733	ug/l	98
59) 2-Hexanone	10.84	43	110362	97.532	ug/l	99
60) Dibromochloromethane	10.99	129	37207	20.163	ug/l	97
61) 1,2-Dibromoethane	11.10	107	32212	19.552	ug/l	100
64) Tetrachloroethene	10.73	164	55471	20.016	ug/l	98
65) Chlorobenzene	11.53	112	114462	20.088	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.60	131	37620	19.998	ug/l	98
67) Ethyl Benzene	11.60	91	212205	20.344	ug/l	98
68) m/p-Xylenes	11.71	106	159949	40.940	ug/l	99
69) o-Xylene	12.04	106	73370	20.003	ug/l	99
70) Styrene	12.05	104	128647	20.216	ug/l	100
71) Bromoform	12.22	173	20213	19.758	ug/l #	100
73) Isopropylbenzene	12.34	105	200908	20.249	ug/l	100
74) N-amyl acetate	12.15	43	54743	19.437	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	25236	21.023	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	52793	35.998	ug/l #	100
77) Bromobenzene	12.62	156	43044	19.719	ug/l	98
78) n-propylbenzene	12.68	91	248677	20.152	ug/l	100
79) 2-Chlorotoluene	12.77	91	136385	20.338	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	168226	20.501	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	14555	19.303	ug/l	96
82) 4-Chlorotoluene	12.86	91	141058	20.069	ug/l	100
83) tert-Butylbenzene	13.08	119	139954	20.362	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	167945	20.496	ug/l	98
85) sec-Butylbenzene	13.27	105	209395	20.451	ug/l	100
86) p-Isopropyltoluene	13.38	119	183835	20.861	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	86115	20.356	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	86209	20.075	ug/l	99
89) n-Butylbenzene	13.70	91	183027	20.262	ug/l	100
90) Hexachloroethane	13.97	117	33001	19.652	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	77041	20.041	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.37	75	5694	19.612	ug/l	96

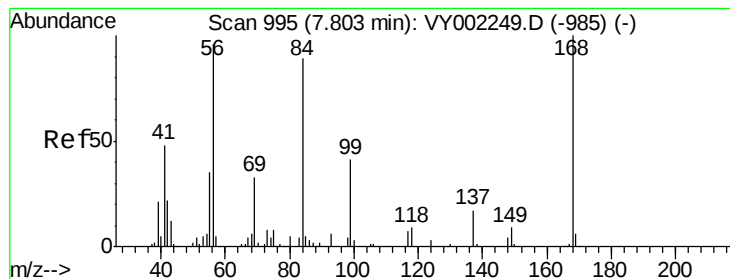
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY040920\
Data File : VY002265.D
Acq On : 09 Apr 2020 11:16
Operator : SY/MD
Sample : VY0409SBS01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0409SBS01

Quant Time: Apr 10 04:27:28 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 08 15:15:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	48009	19.107	ug/l	98
94) Hexachlorobutadiene	15.12	225	24309	19.209	ug/l	100
95) Naphthalene	15.25	128	104150	18.931	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	42135	19.313	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002265.D

Acq: 09 Apr 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

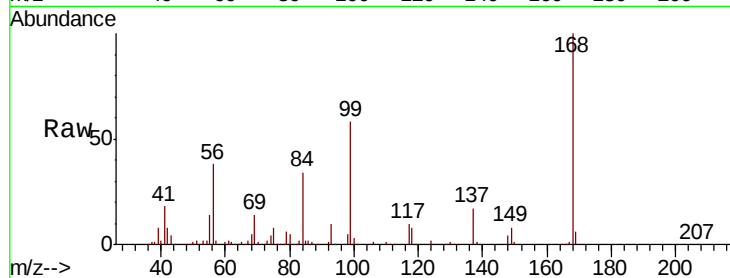
VY0409SBS01

Tot Ion:168 Resp: 167550

Ion Ratio Lower Upper

168 100

99 58.0 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002249.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002249.D (-985) (-)

7.81

80000

60000

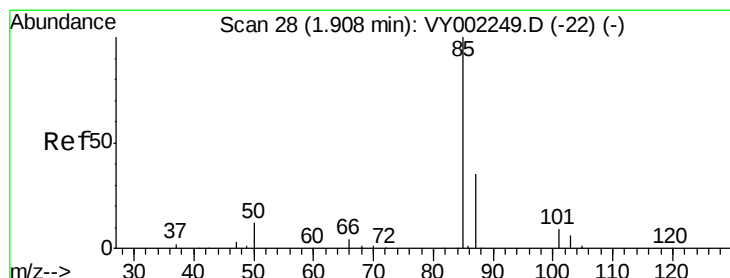
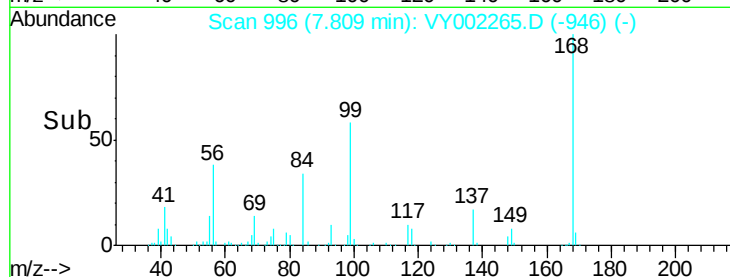
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 19.730 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY002265.D

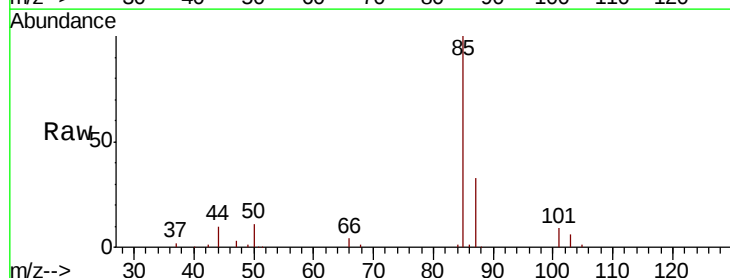
Acq: 09 Apr 2020 11:16

Tgt Ion: 85 Resp: 33410

Ion Ratio Lower Upper

85 100

87 32.6 17.3 51.9



Abundance Ion 84.90 (84.60 to 85.60): VY002249.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002249.D (-22) (-)

1.91

25000

20000

15000

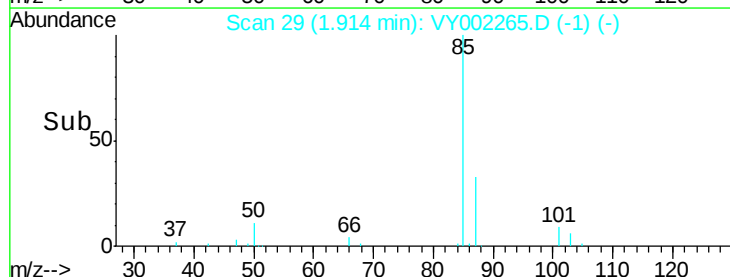
10000

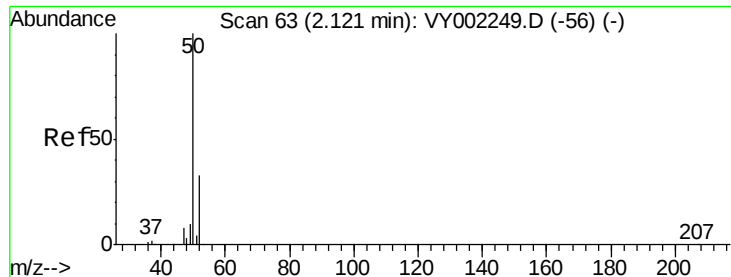
5000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 19.901 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.01 min

Lab File: VY002265.D

Acq: 09 Apr 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

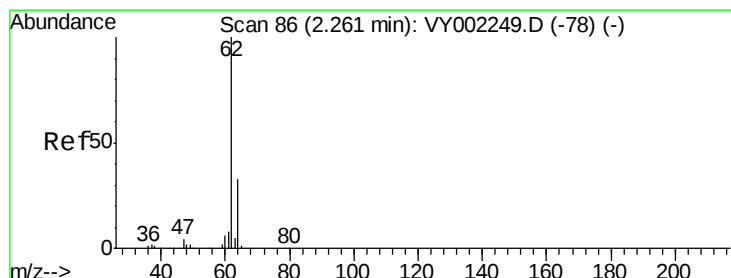
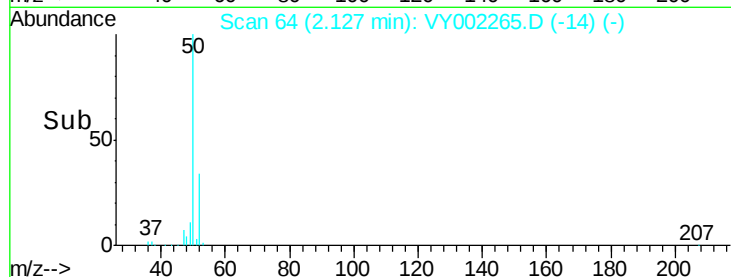
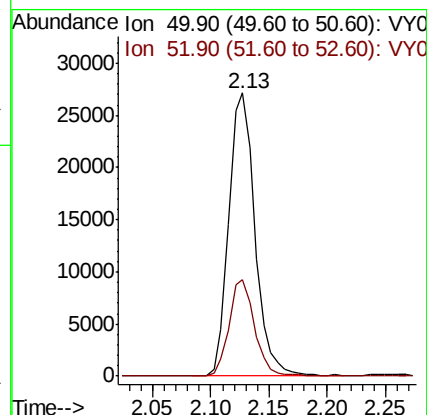
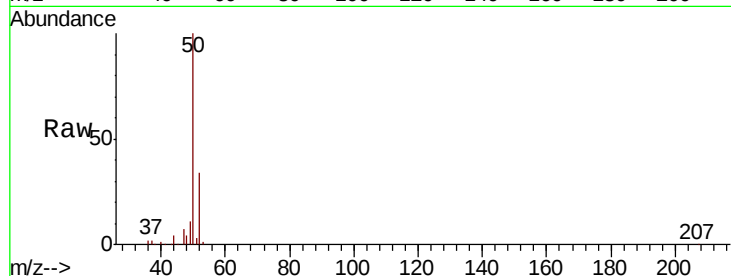
VY0409SBS01

Tot Ion: 50 Resp: 42413

Ion Ratio Lower Upper

50 100

52 34.1 26.6 39.8



#4

Vinyl Chloride

Concen: 20.087 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY002265.D

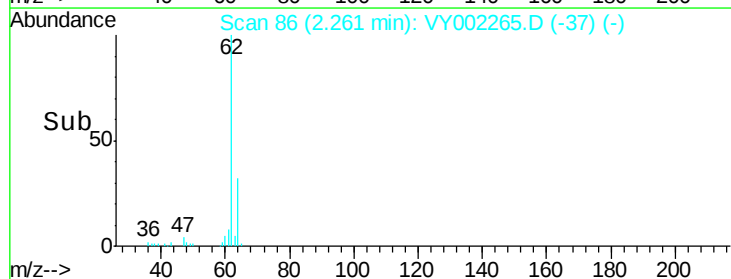
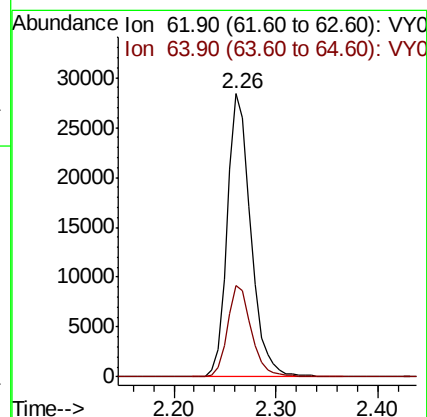
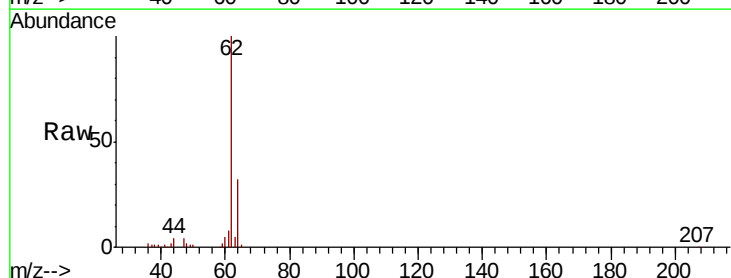
Acq: 09 Apr 2020 11:16

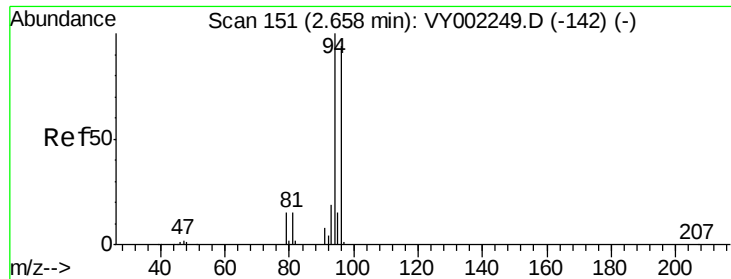
Tgt Ion: 62 Resp: 45565

Ion Ratio Lower Upper

62 100

64 32.4 26.2 39.2





#5

Bromomethane

Concen: 19.833 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.00 min

Lab File: VY002265.D

Acq: 09 Apr 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

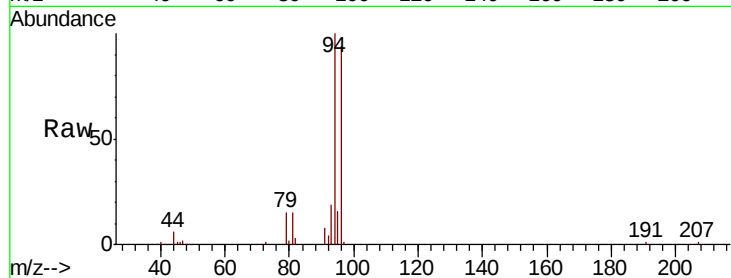
VY0409SBS01

Tot Ion: 94 Resp: 27782

Ion Ratio Lower Upper

94 100

96 94.5 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.66

15000

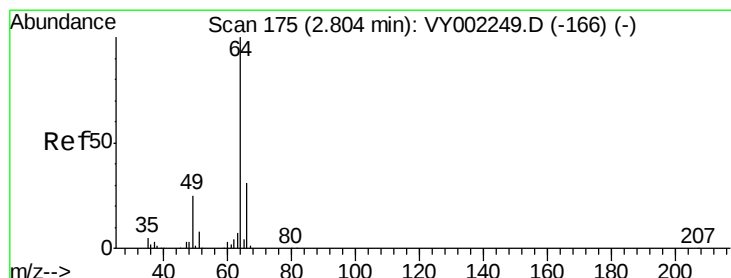
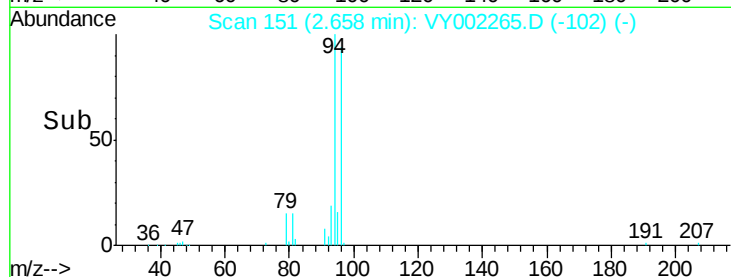
10000

5000

0

Time-->

2.55 2.60 2.65 2.70 2.75



#6

Chloroethane

Concen: 19.385 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.00 min

Lab File: VY002265.D

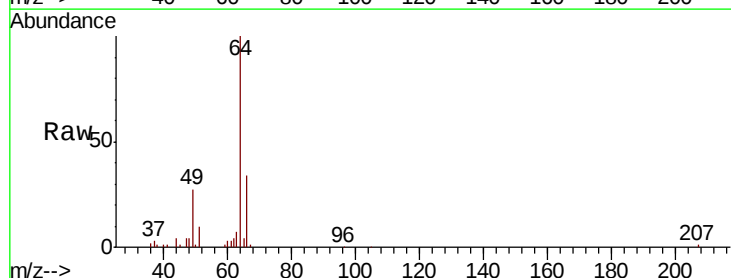
Acq: 09 Apr 2020 11:16

Tgt Ion: 64 Resp: 25360

Ion Ratio Lower Upper

64 100

66 33.7 24.6 37.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.80

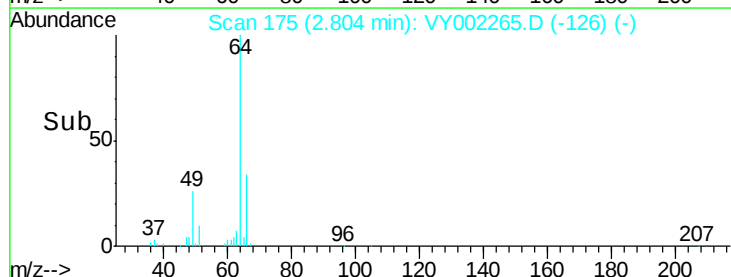
10000

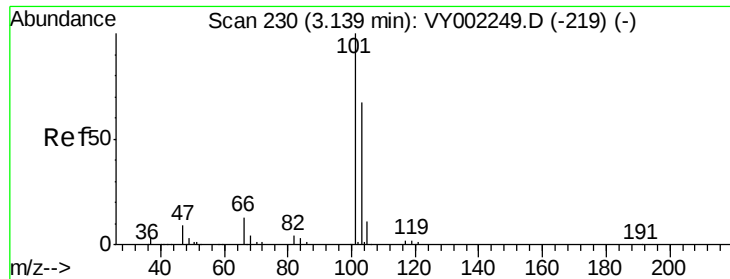
5000

0

Time-->

2.70 2.80 2.90



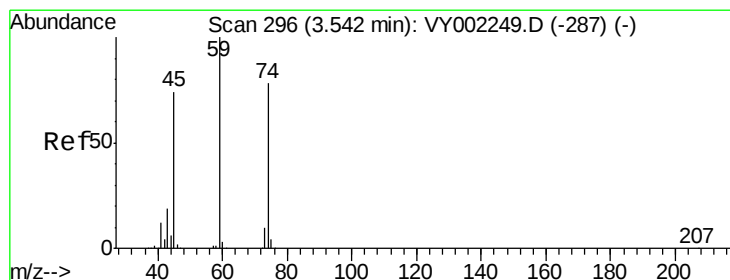
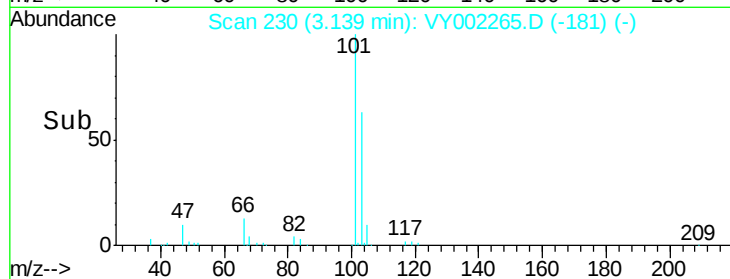
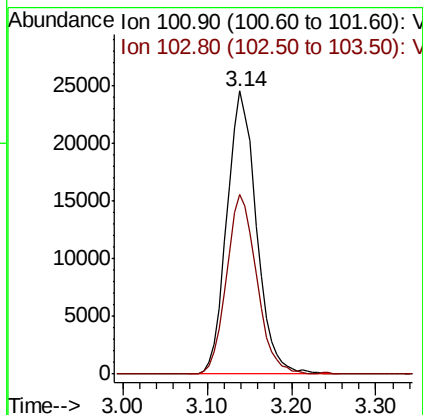
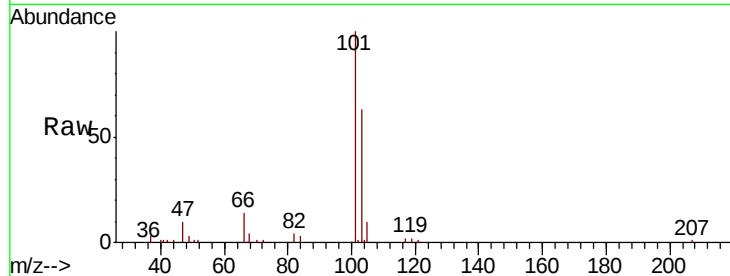


#7

Trichlorofluoromethane
Concen: 20.042 ug/l
RT: 3.14 min Scan# 230
Delta R.T. -0.00 min
Lab File: VY002265.D
Acq: 09 Apr 2020 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VY0409SBS01

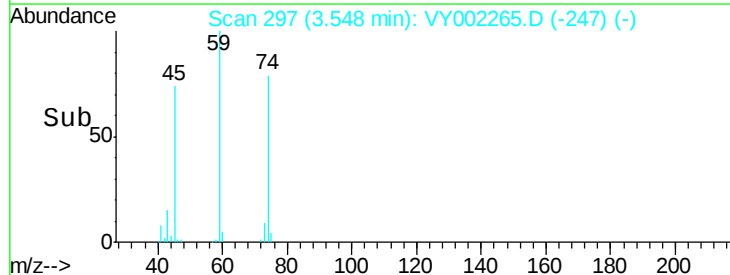
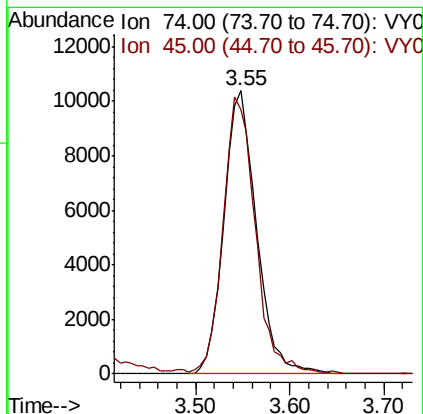
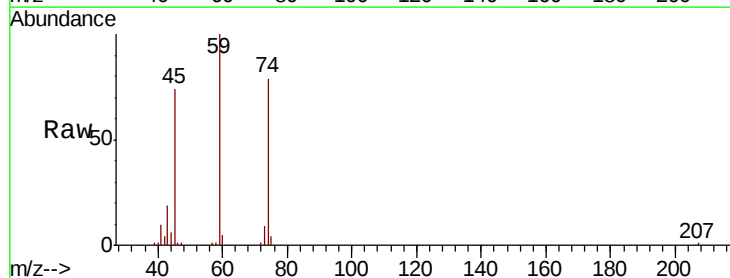
Tot Ion:101 Resp: 58714
Ion Ratio Lower Upper
101 100
103 63.4 53.3 79.9

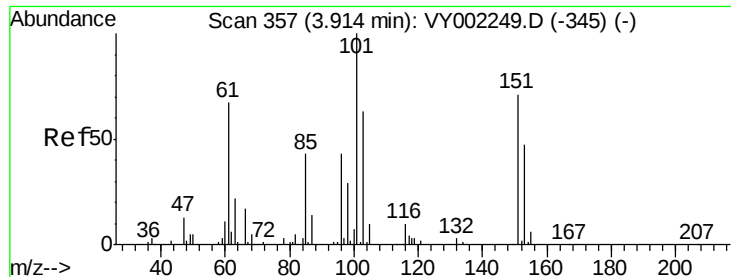


#8

Diethyl Ether
Concen: 20.057 ug/l
RT: 3.55 min Scan# 297
Delta R.T. 0.01 min
Lab File: VY002265.D
Acq: 09 Apr 2020 11:16

Tgt Ion: 74 Resp: 24979
Ion Ratio Lower Upper
74 100
45 94.8 48.0 144.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.348 ug/l

RT: 3.92 min Scan# 358

Delta R.T. 0.01 min

Lab File: VY002265.D

Acq: 09 Apr 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0409SBS01

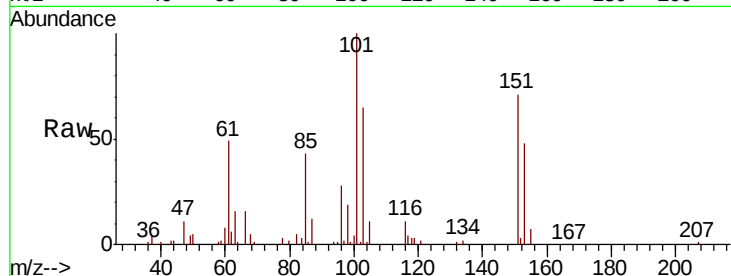
Tot Ion:101 Resp: 40492

Ion Ratio Lower Upper

101 100

85 42.9 34.6 52.0

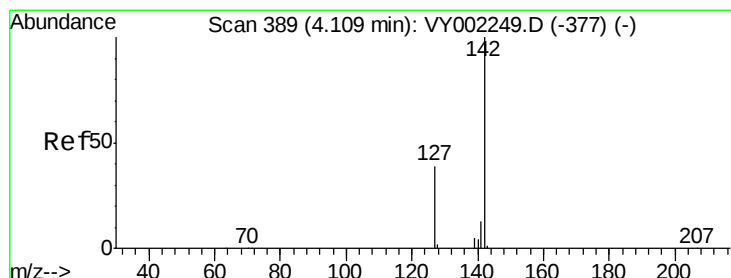
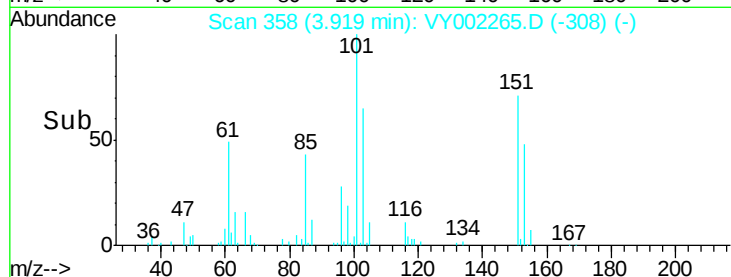
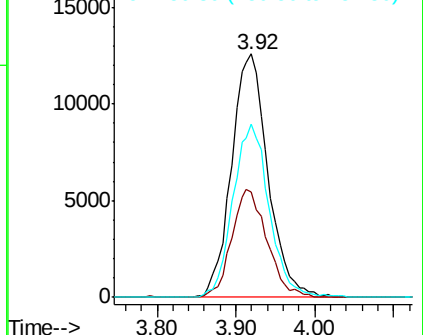
151 70.6 57.6 86.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.290 ug/l

RT: 4.11 min Scan# 389

Delta R.T. -0.00 min

Lab File: VY002265.D

Acq: 09 Apr 2020 11:16

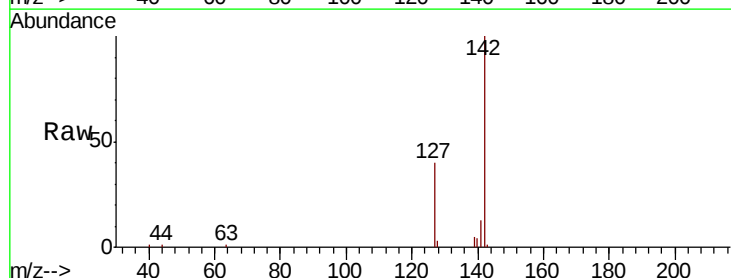
Tgt Ion:142 Resp: 42306

Ion Ratio Lower Upper

142 100

127 40.3 32.4 48.6

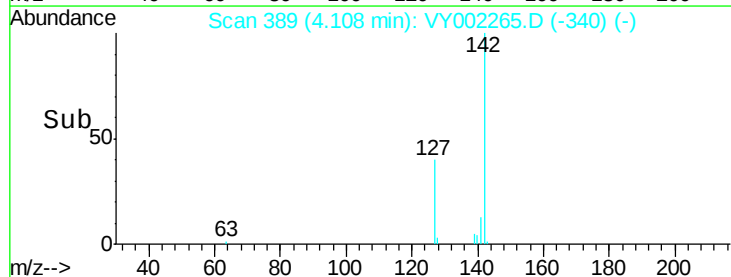
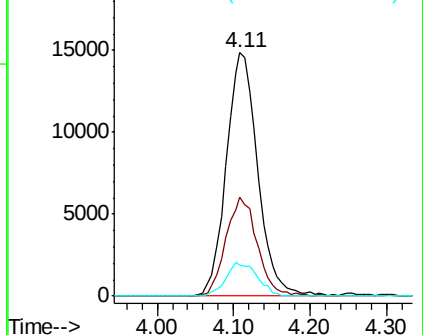
141 13.7 11.2 16.8

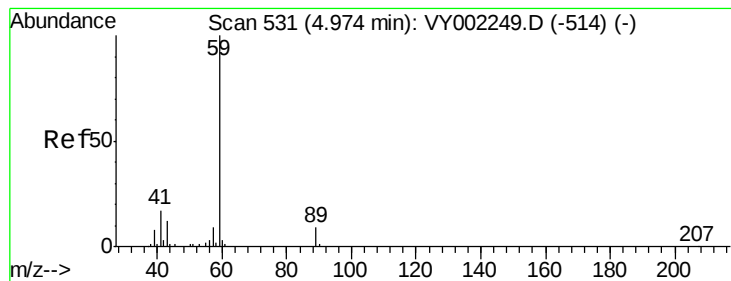


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



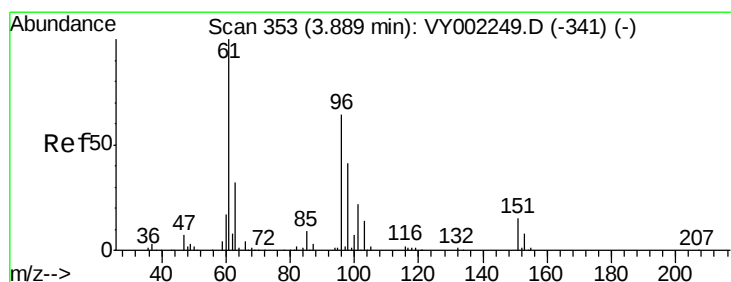
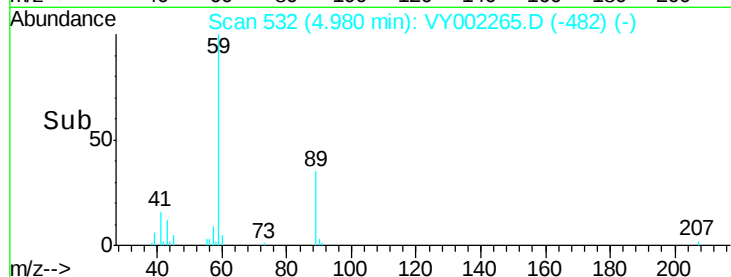
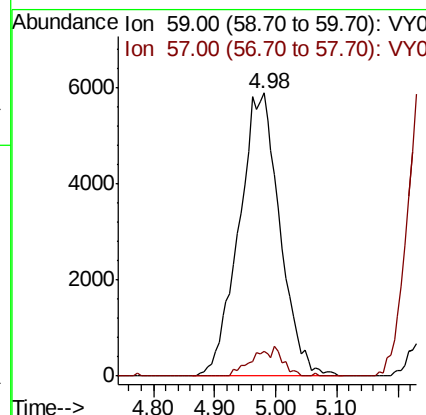
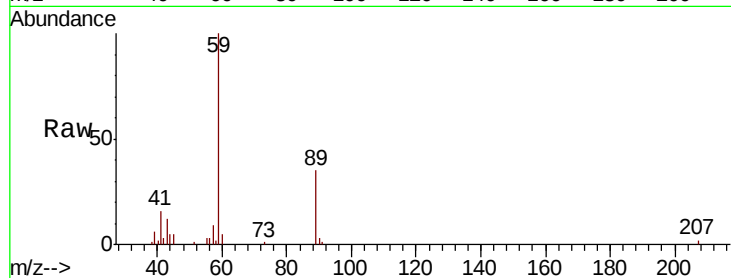


#11

Tert butyl alcohol
 Concen: 120.275 ug/l
 RT: 4.98 min Scan# 532
 Delta R.T. 0.01 min
 Lab File: VY002265.D
 Acq: 09 Apr 2020 11:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0409SBS01

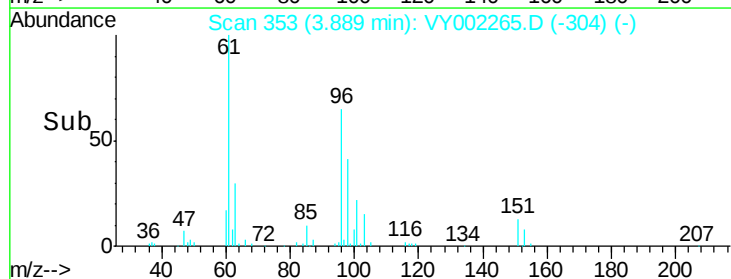
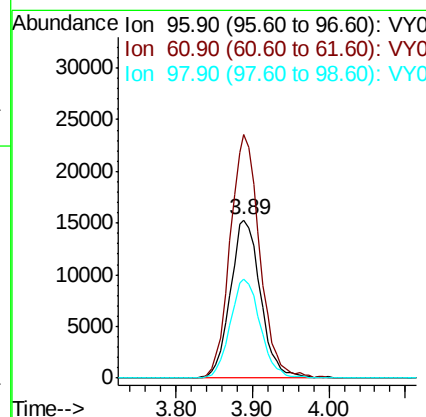
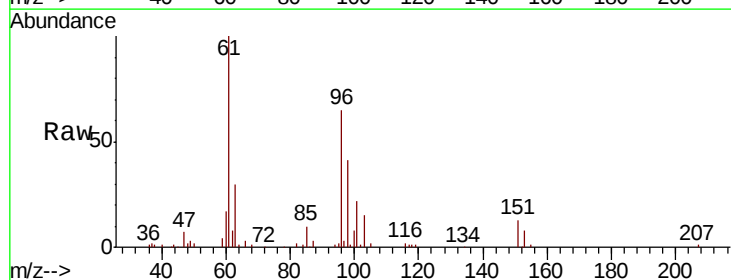
Tot Ion: 59 Resp: 27322
 Ion Ratio Lower Upper
 59 100
 57 4.8 6.6 9.8#

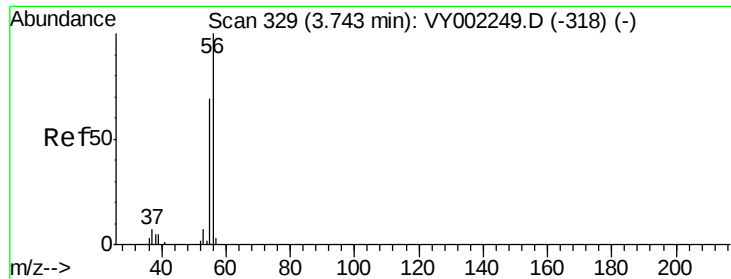


#12

1,1-Dichloroethene
 Concen: 20.565 ug/l
 RT: 3.89 min Scan# 353
 Delta R.T. -0.00 min
 Lab File: VY002265.D
 Acq: 09 Apr 2020 11:16

Tgt Ion: 96 Resp: 41606
 Ion Ratio Lower Upper
 96 100
 61 154.3 125.9 188.9
 98 62.7 51.1 76.7





#13

Acrolein

Concen: 94.353 ug/l

RT: 3.75 min Scan# 330

Delta R.T. 0.01 min

Lab File: VY002265.D

Acq: 09 Apr 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

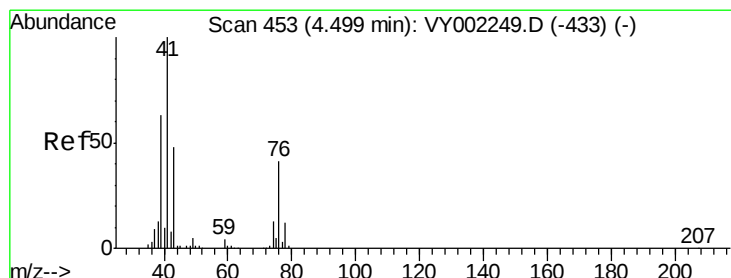
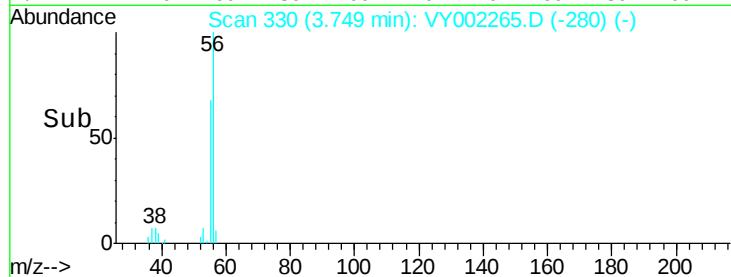
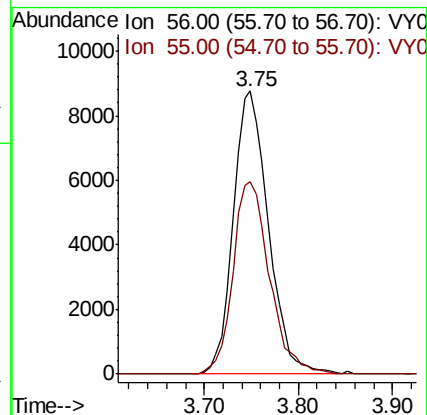
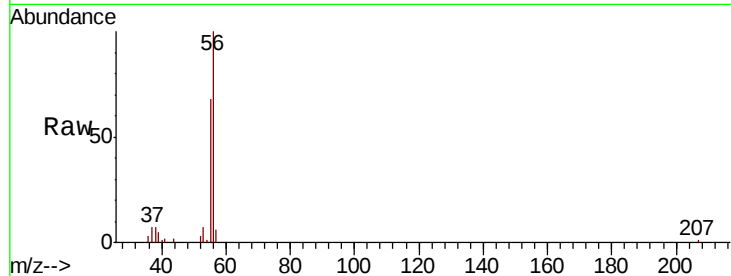
VY0409SBS01

Tot Ion: 56 Resp: 22668

Ion Ratio Lower Upper

56 100

55 70.5 55.8 83.8



#14

Allyl chloride

Concen: 20.785 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.01 min

Lab File: VY002265.D

Acq: 09 Apr 2020 11:16

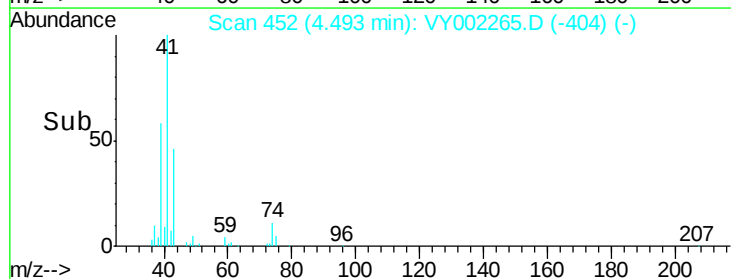
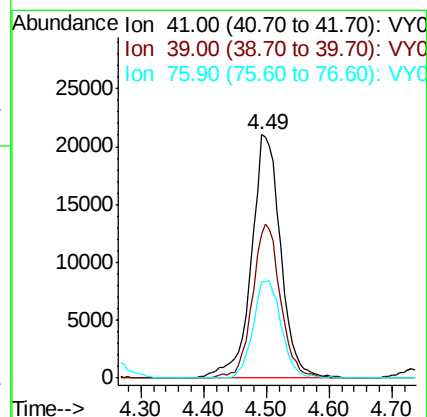
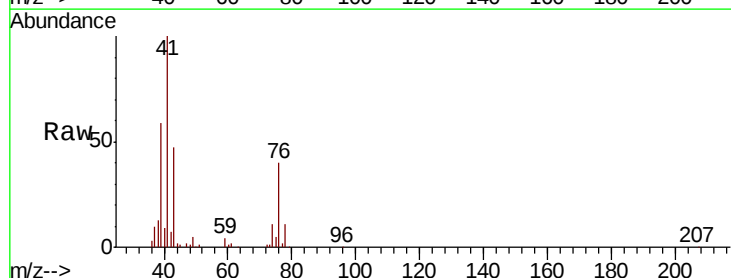
Tgt Ion: 41 Resp: 67904

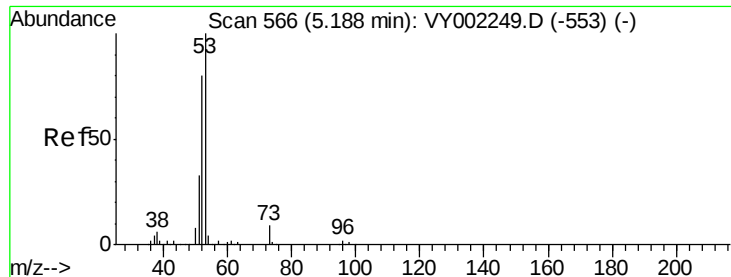
Ion Ratio Lower Upper

41 100

39 60.6 48.0 72.0

76 38.6 31.0 46.6





#15

Acrylonitrile

Concen: 97.428 ug/l

RT: 5.18 min Scan# 565

Delta R.T. -0.01 min

Lab File: VY002265.D

Acq: 09 Apr 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0409SBS01

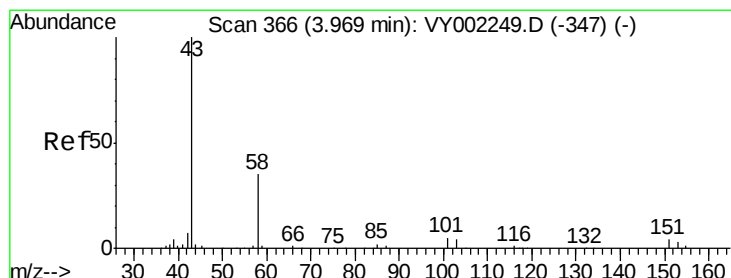
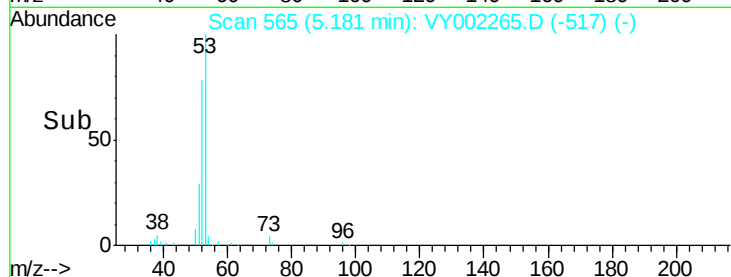
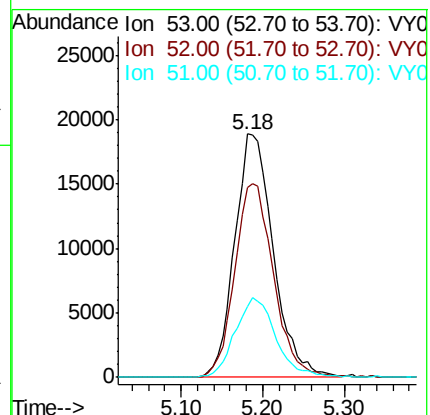
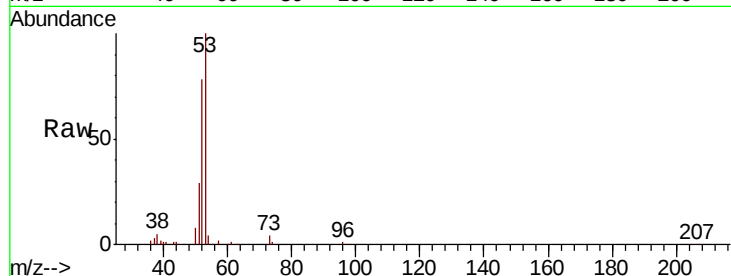
Tot Ion: 53 Resp: 62049

Ion Ratio Lower Upper

53 100

52 79.9 65.1 97.7

51 34.5 27.1 40.7



#16

Acetone

Concen: 102.844 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.00 min

Lab File: VY002265.D

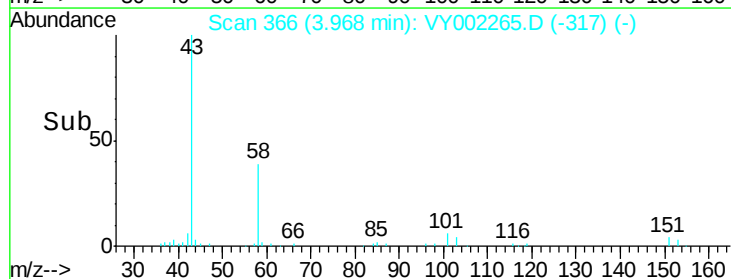
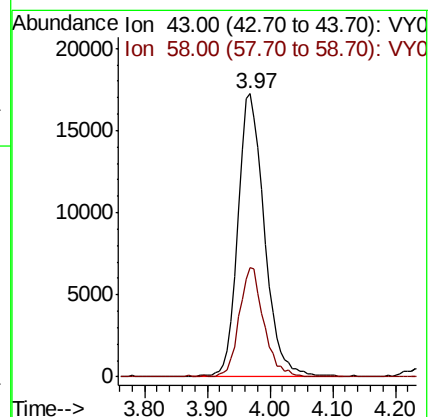
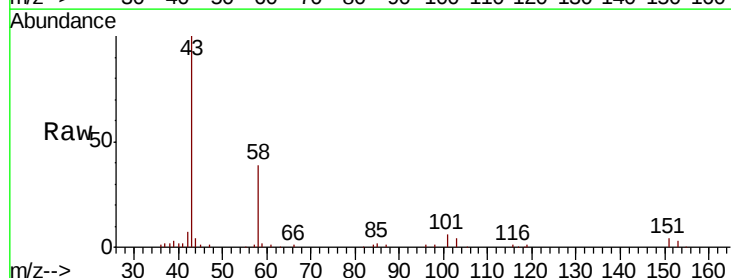
Acq: 09 Apr 2020 11:16

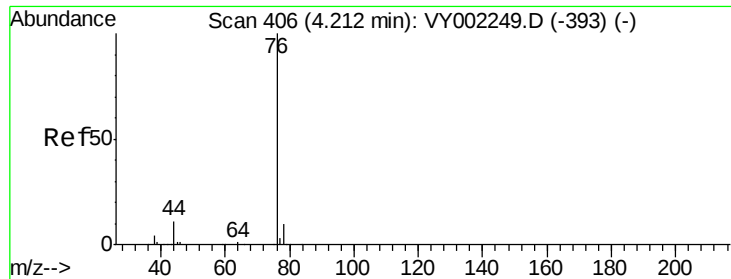
Tgt Ion: 43 Resp: 50471

Ion Ratio Lower Upper

43 100

58 38.8 28.5 42.7

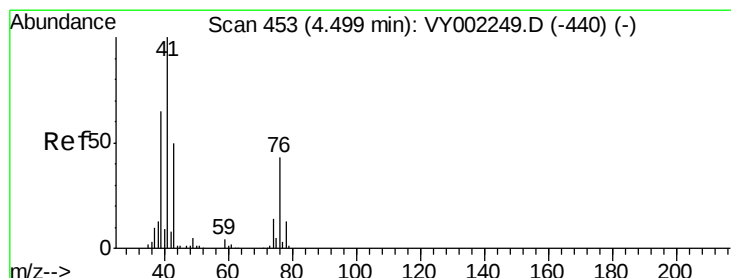
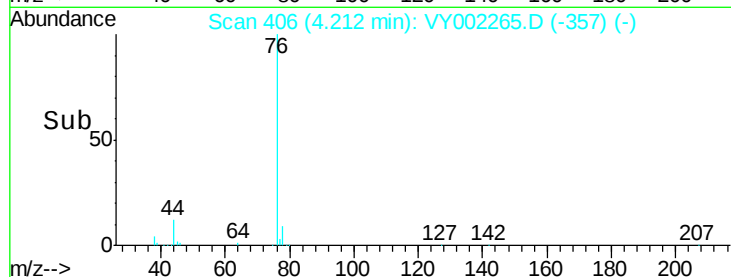
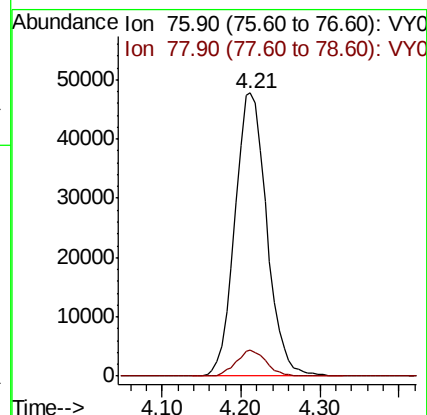
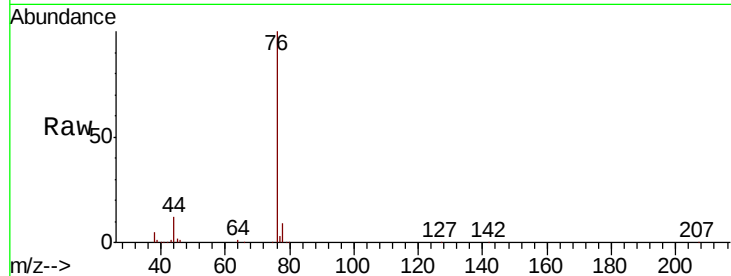




#17
Carbon Disulfide
Concen: 19.958 ug/l
RT: 4.21 min Scan# 406
Delta R.T. -0.00 min
Lab File: VY002265.D
Acq: 09 Apr 2020 11:16

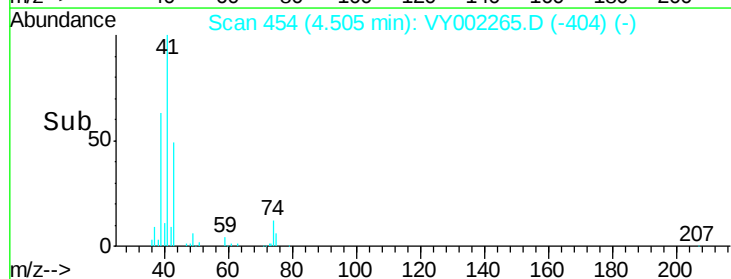
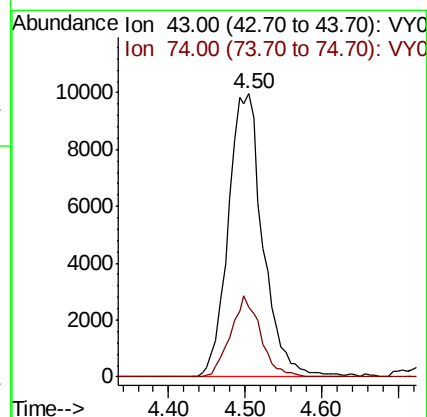
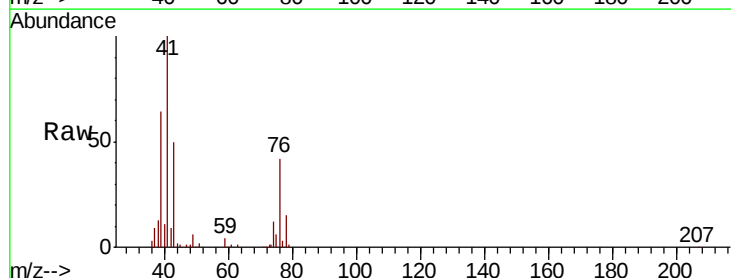
Instrument :
MSVOA_Y
ClientSampleId :
VY0409SBS01

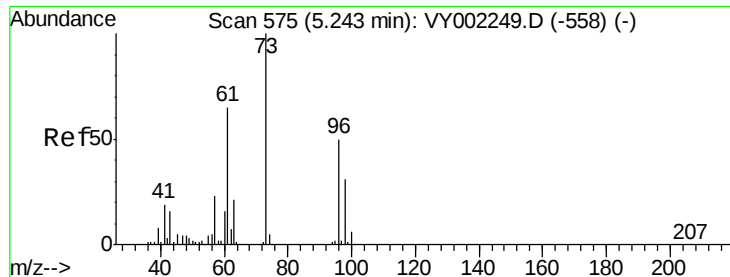
Tot Ion: 76 Resp: 134097
Ion Ratio Lower Upper
76 100
78 9.2 7.7 11.5



#18
Methyl Acetate
Concen: 20.515 ug/l
RT: 4.50 min Scan# 454
Delta R.T. 0.01 min
Lab File: VY002265.D
Acq: 09 Apr 2020 11:16

Tgt Ion: 43 Resp: 31229
Ion Ratio Lower Upper
43 100
74 24.7 20.3 30.5

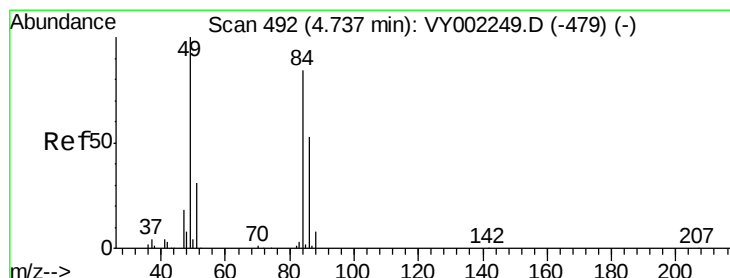
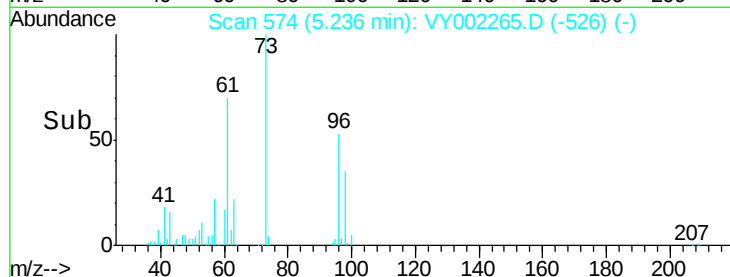
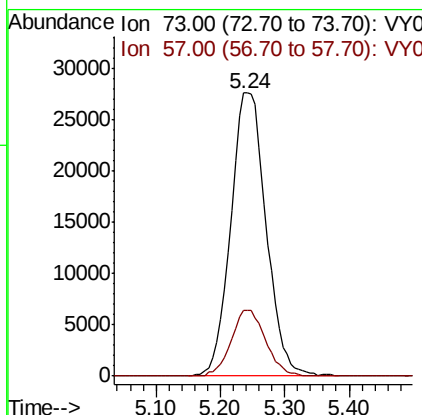
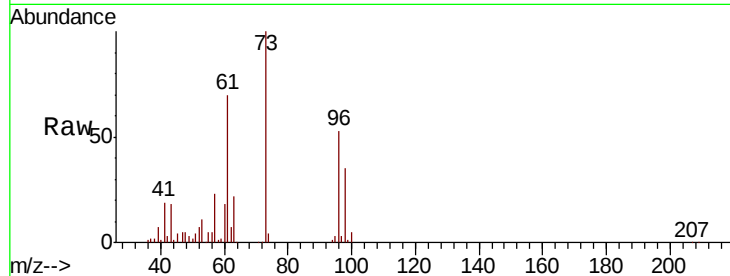




#19
Methvl tert-butvl Ether
Concen: 19.844 ug/l
RT: 5.24 min Scan# 574
Delta R.T. -0.01 min
Lab File: VY002265.D
Acq: 09 Apr 2020 11:16

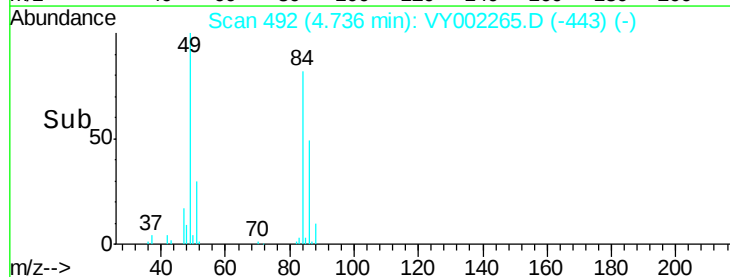
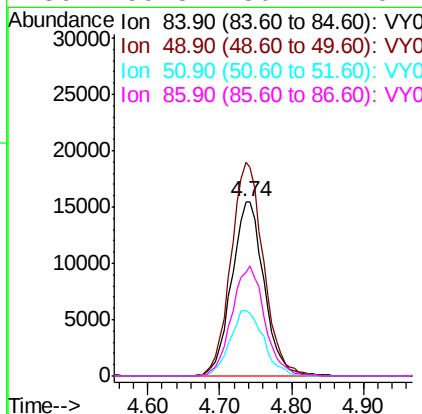
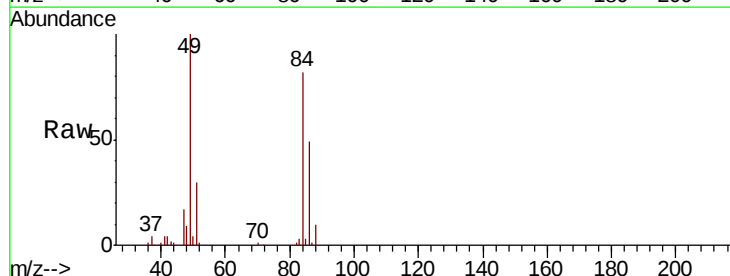
Instrument :
MSVOA_Y
ClientSampleId :
VY0409SBS01

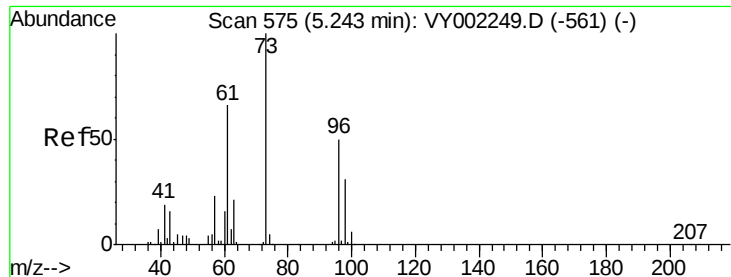
Tot Ion: 73 Resp: 105544
Ion Ratio Lower Upper
73 100
57 23.1 18.7 28.1



#20
Methylene Chloride
Concen: 20.013 ug/l
RT: 4.74 min Scan# 492
Delta R.T. -0.00 min
Lab File: VY002265.D
Acq: 09 Apr 2020 11:16

Tgt Ion: 84 Resp: 48275
Ion Ratio Lower Upper
84 100
49 122.5 95.5 143.3
51 37.3 29.5 44.3
86 59.8 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 20.285 ug/l

RT: 5.24 min Scan# 574

Delta R.T. -0.01 min

Lab File: VY002265.D

Acq: 09 Apr 2020 11:16

Instrument :

MSVOA_Y

ClientSampled :

VY0409SBS01

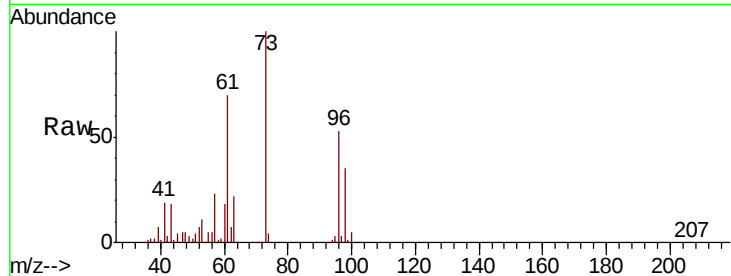
Tot Ion: 96 Resp: 46063

Ion Ratio Lower Upper

96 100

61 132.1 104.6 157.0

98 65.9 50.1 75.1

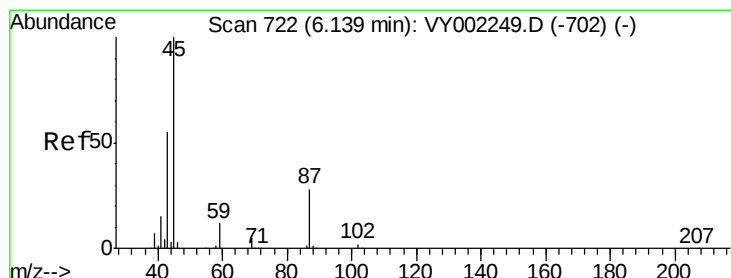
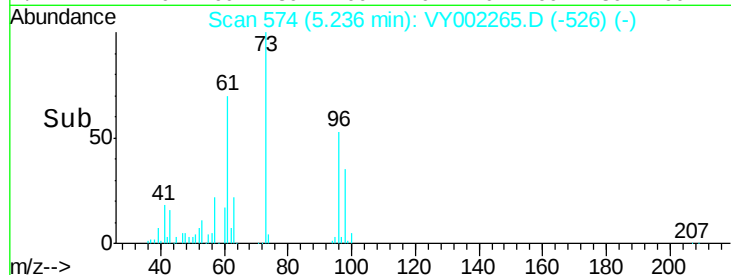
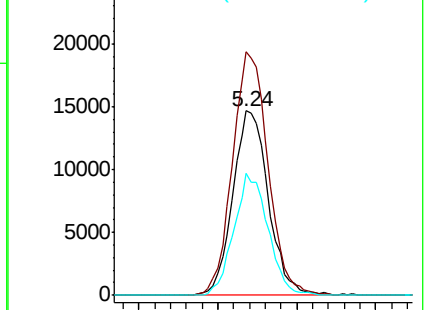


Abundance

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: 20.875 ug/l

RT: 6.14 min Scan# 722

Delta R.T. -0.00 min

Lab File: VY002265.D

Acq: 09 Apr 2020 11:16

Tgt Ion: 45 Resp: 137246

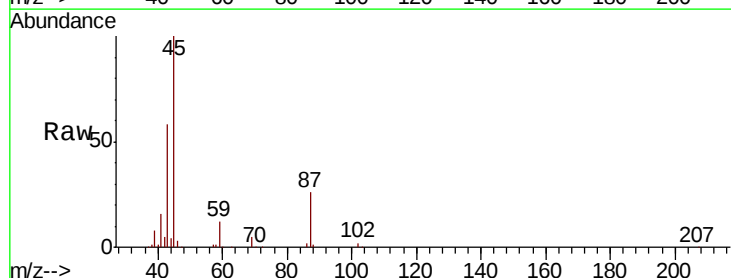
Ion Ratio Lower Upper

45 100

43 57.5 44.7 67.1

87 25.8 23.0 34.4

59 11.8 10.1 15.1



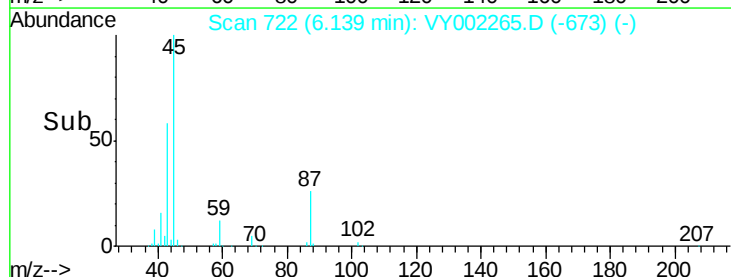
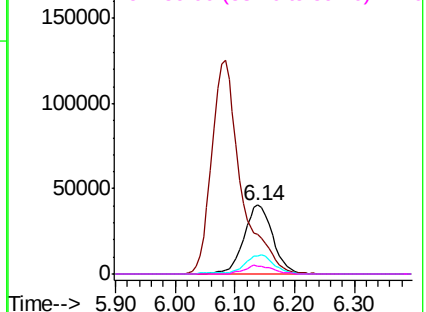
Abundance

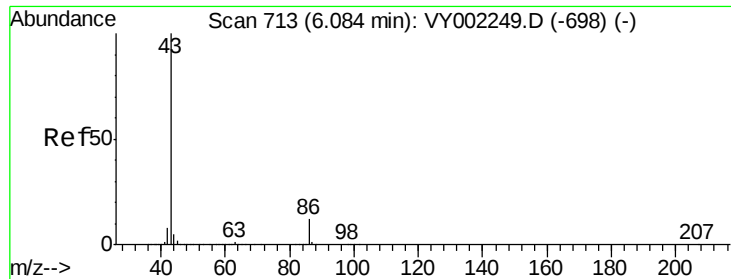
Ion 45.00 (44.70 to 45.70): VY0

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: 101.568 ug/l

RT: 6.08 min Scan# 713

Delta R.T. -0.00 min

Lab File: VY002265.D

Acq: 09 Apr 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

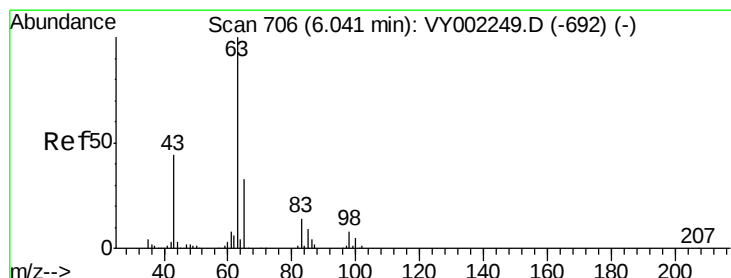
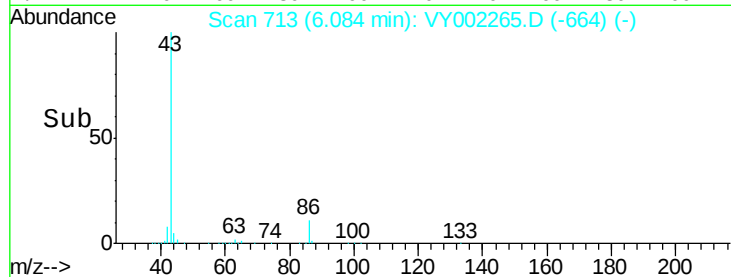
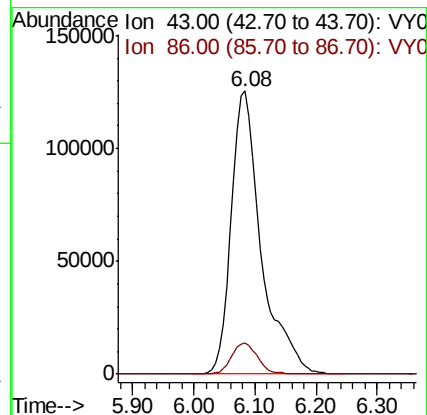
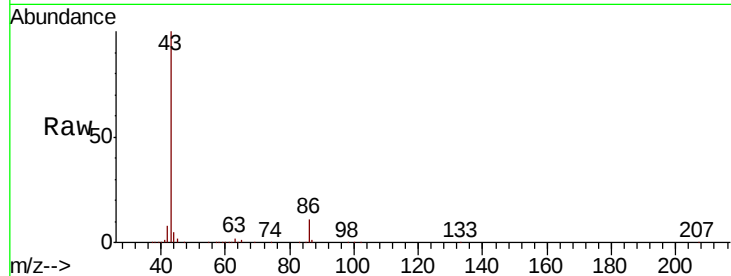
VY0409SBS01

Tot Ion: 43 Resp: 425545

Ion Ratio Lower Upper

43 100

86 10.8 9.2 13.8



#24

1,1-Dichloroethane

Concen: 20.271 ug/l

RT: 6.04 min Scan# 706

Delta R.T. -0.00 min

Lab File: VY002265.D

Acq: 09 Apr 2020 11:16

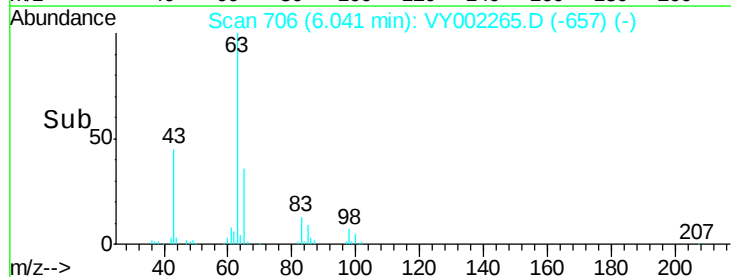
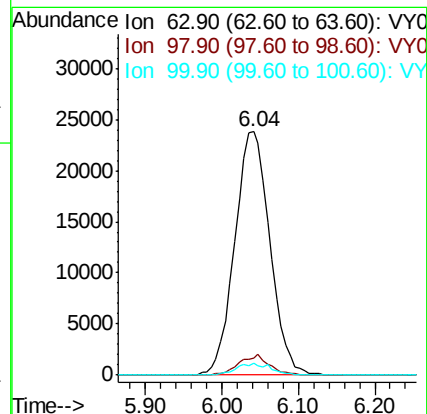
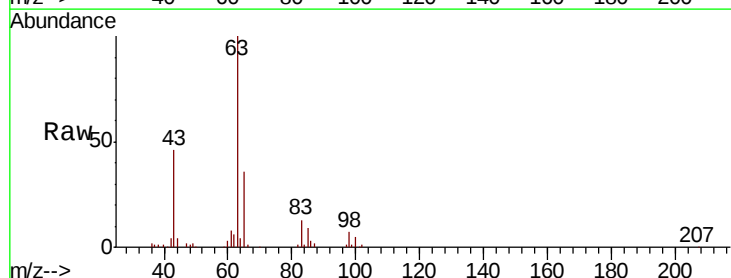
Tgt Ion: 63 Resp: 75804

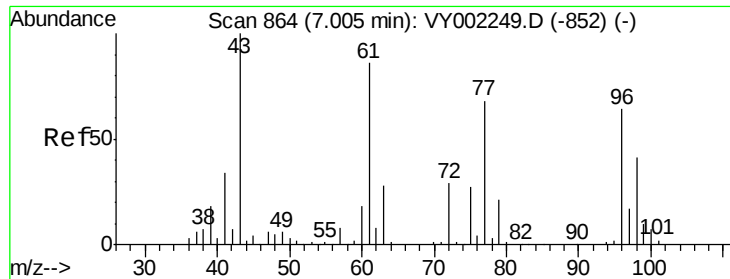
Ion Ratio Lower Upper

63 100

98 7.1 4.0 12.0

100 4.8 2.4 7.1





#25

2-Butanone

Concen: 99.053 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.00 min

Lab File: VY002265.D

Acq: 09 Apr 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

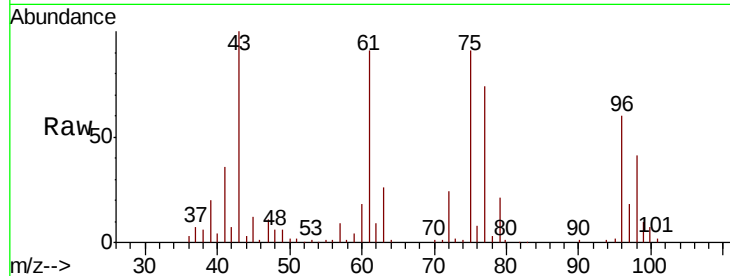
VY0409SBS01

Tot Ion: 43 Resp: 76929

Ion Ratio Lower Upper

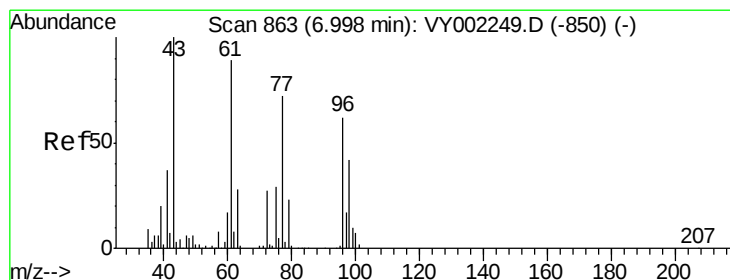
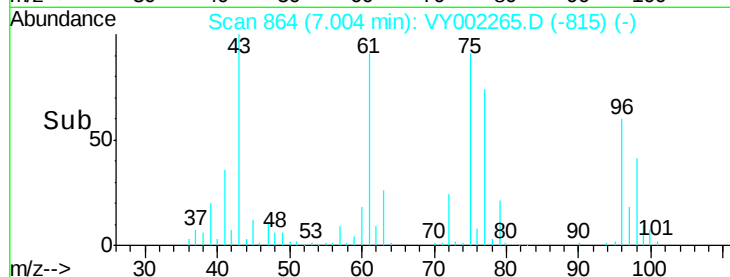
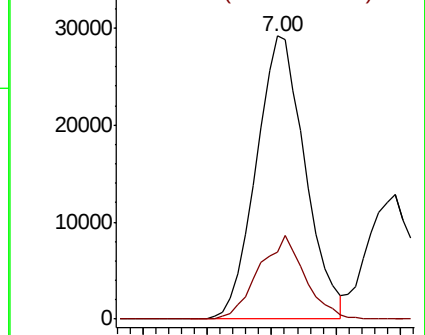
43 100

72 23.9 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 20.755 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY002265.D

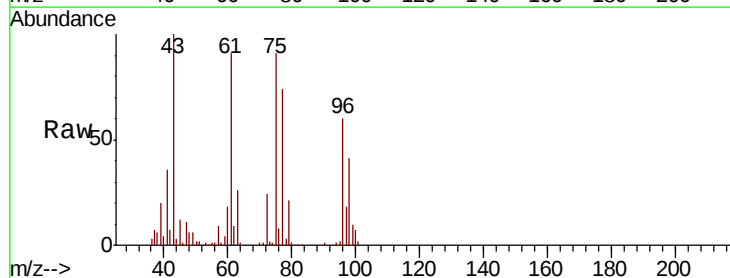
Acq: 09 Apr 2020 11:16

Tgt Ion: 77 Resp: 64927

Ion Ratio Lower Upper

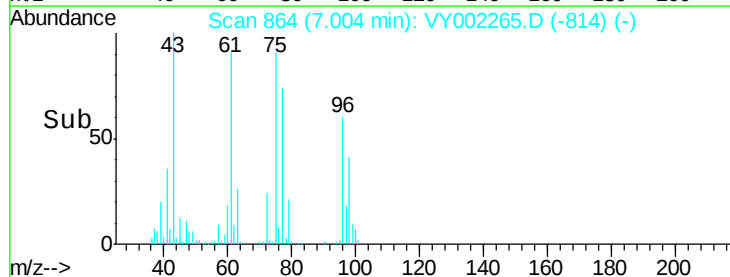
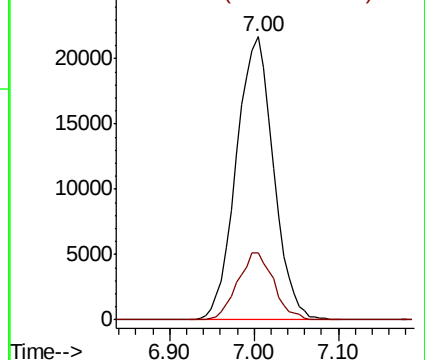
77 100

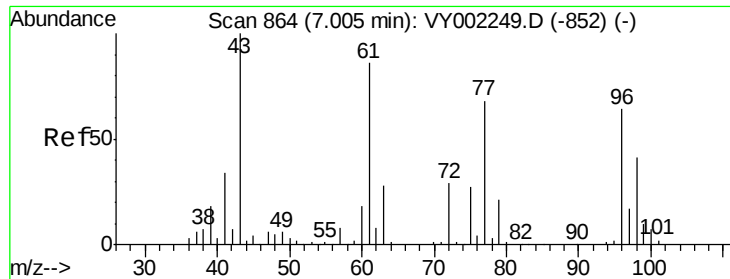
97 23.0 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



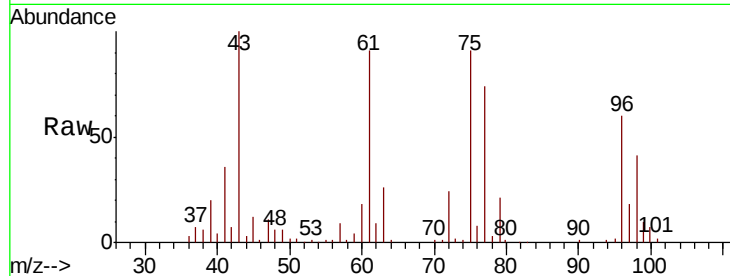


#27

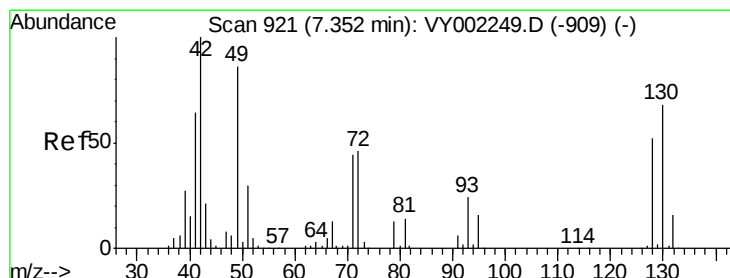
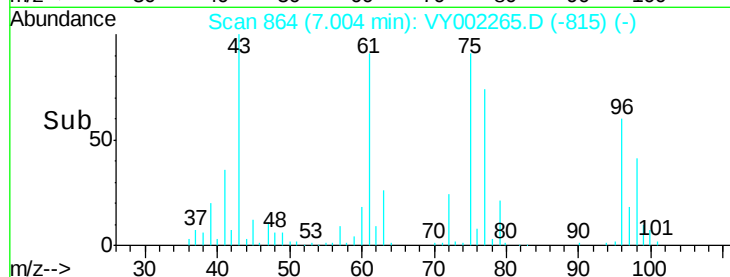
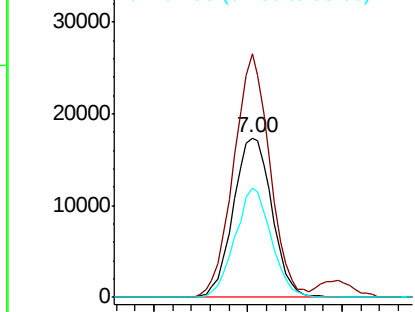
cis-1,2-Dichloroethene
Concen: 20.096 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.00 min
Lab File: VY002265.D
Acq: 09 Apr 2020 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VY0409SBS01

Tot Ion: 96 Resp: 49746
Ion Ratio Lower Upper
96 100
61 143.1 0.0 278.0
98 64.6 0.0 128.6



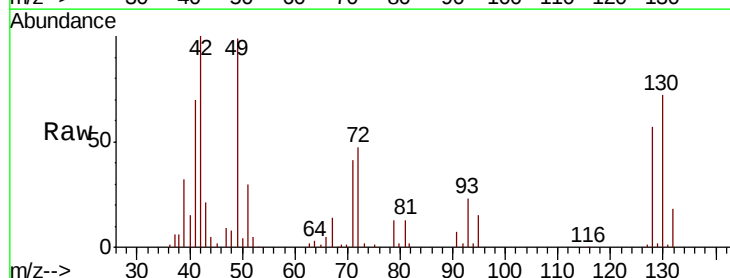
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



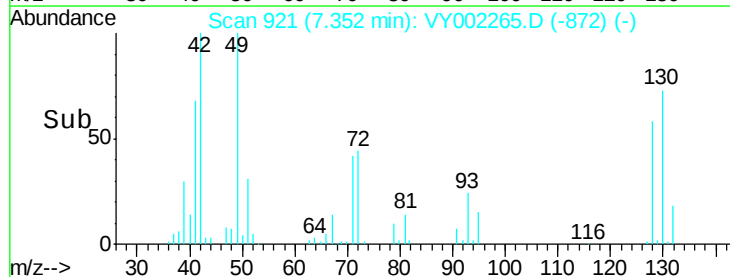
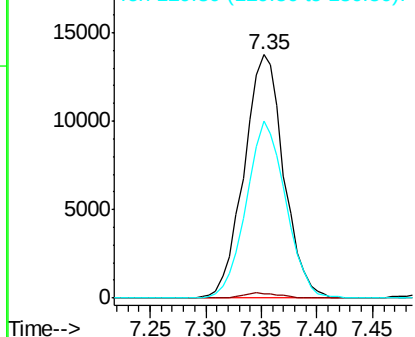
#28

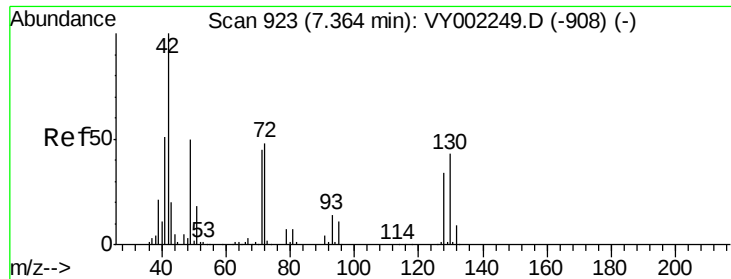
Bromochloromethane
Concen: 21.177 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.00 min
Lab File: VY002265.D
Acq: 09 Apr 2020 11:16

Tgt Ion: 49 Resp: 34186
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.2
130 72.0 60.9 91.3



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

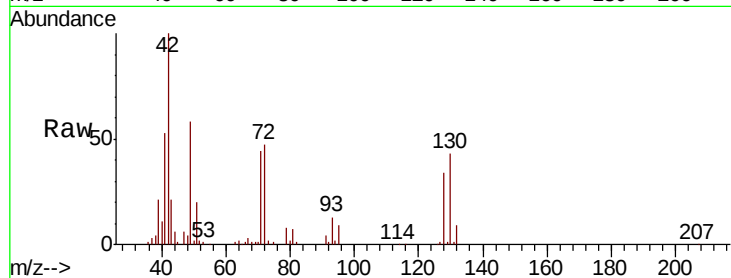




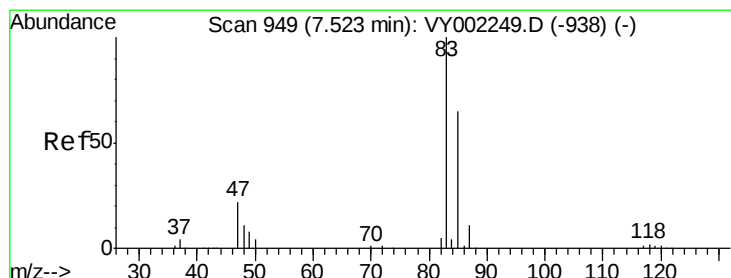
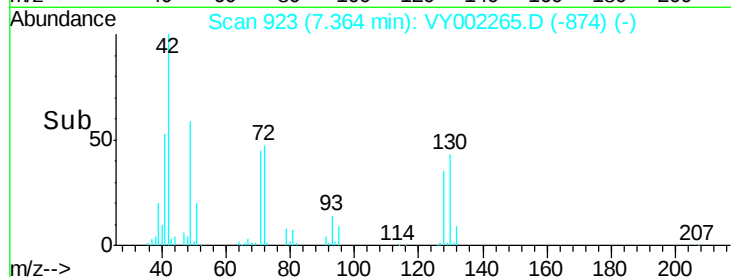
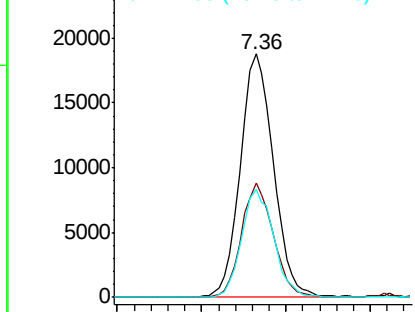
#29
Tetrahydrofuran
Concen: 97.491 ug/l
RT: 7.36 min Scan# 923
Delta R.T. -0.00 min
Lab File: VY002265.D
Acq: 09 Apr 2020 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VY0409SBS01

Tot Ion: 42 Resp: 50050
Ion Ratio Lower Upper
42 100
72 45.2 36.7 55.1
71 42.9 34.7 52.1

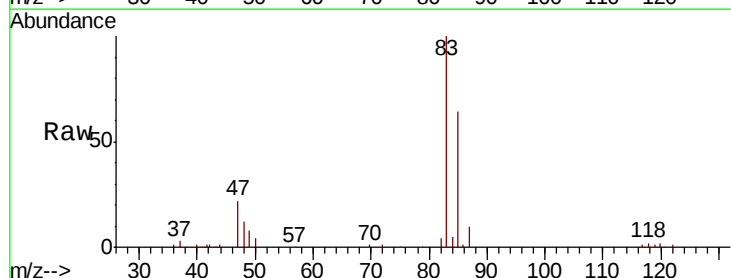


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

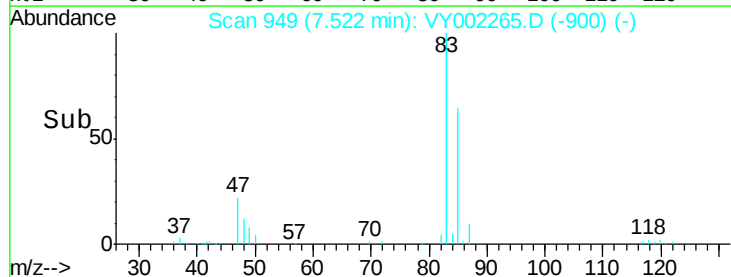
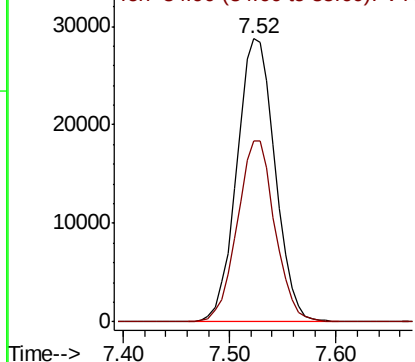


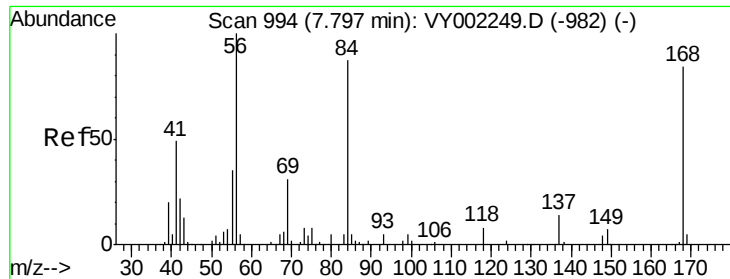
#30
Chloroform
Concen: 20.552 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.00 min
Lab File: VY002265.D
Acq: 09 Apr 2020 11:16

Tgt Ion: 83 Resp: 72450
Ion Ratio Lower Upper
83 100
85 63.7 52.0 78.0



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

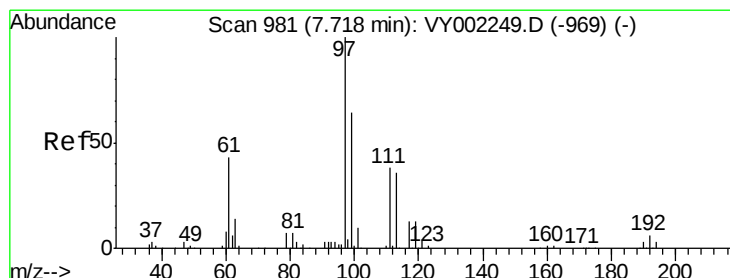
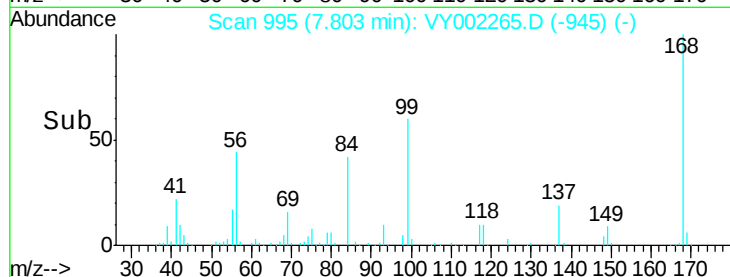
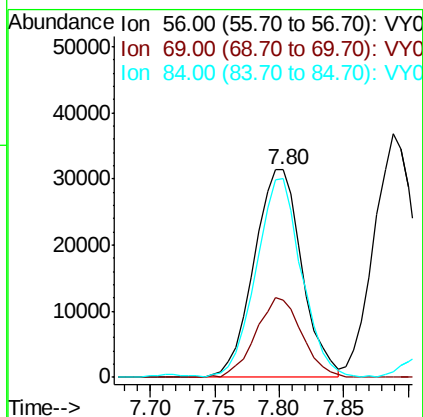
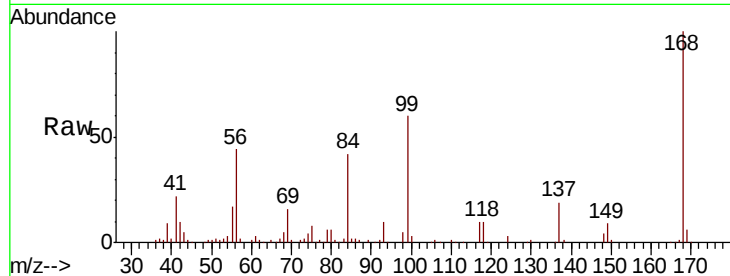




#31
Cyclohexane
Concen: 20.594 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY002265.D
Acq: 09 Apr 2020 11:16

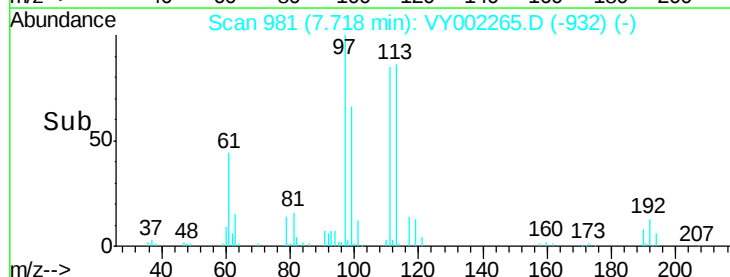
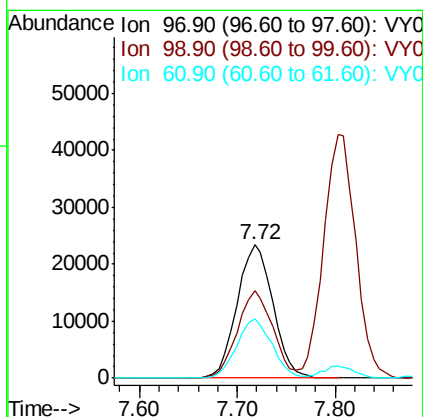
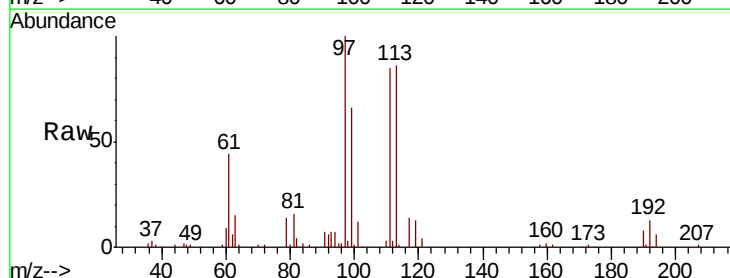
Instrument :
MSVOA_Y
ClientSampleId :
VY0409SBS01

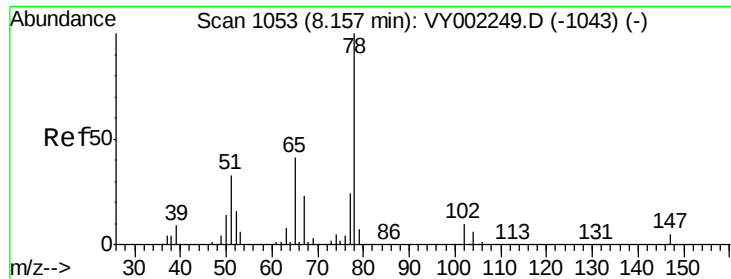
Tot Ion: 56 Resp: 80840
Ion Ratio Lower Upper
56 100
69 37.4 25.0 37.6
84 94.9 69.7 104.5



#32
1,1,1-Trichloroethane
Concen: 20.380 ug/l
RT: 7.72 min Scan# 981
Delta R.T. -0.00 min
Lab File: VY002265.D
Acq: 09 Apr 2020 11:16

Tgt Ion: 97 Resp: 59798
Ion Ratio Lower Upper
97 100
99 64.8 51.3 76.9
61 43.6 34.3 51.5

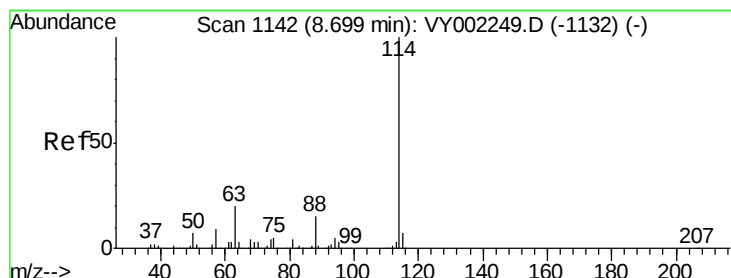
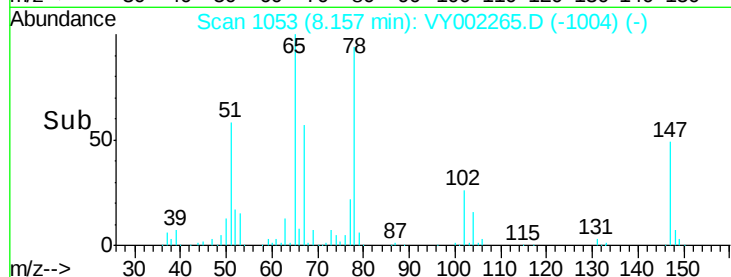
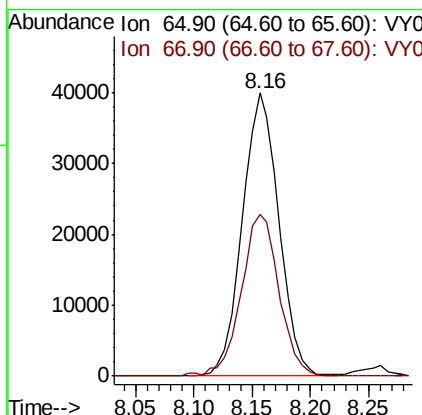
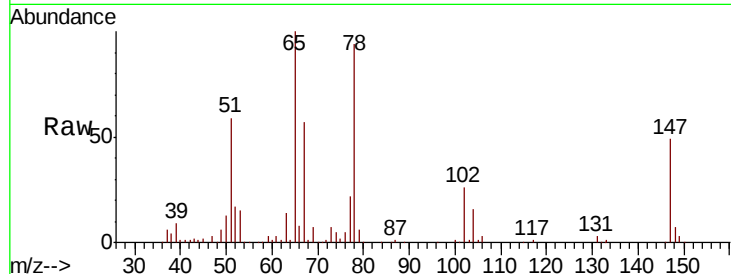




#33
 1,2-Dichloroethane-d4
 Concen: 46.958 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VY002265.D
 Acq: 09 Apr 2020 11:16

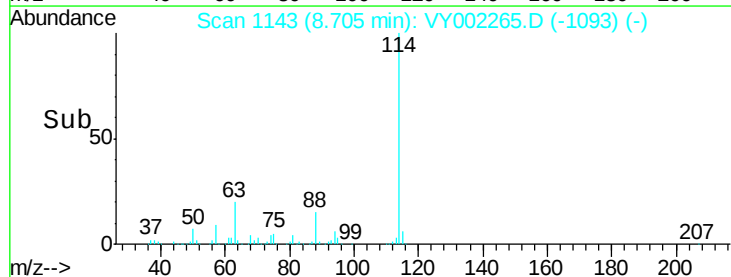
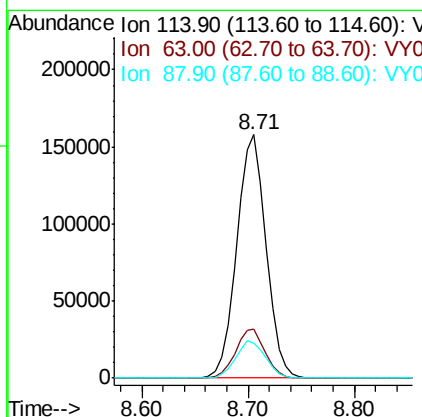
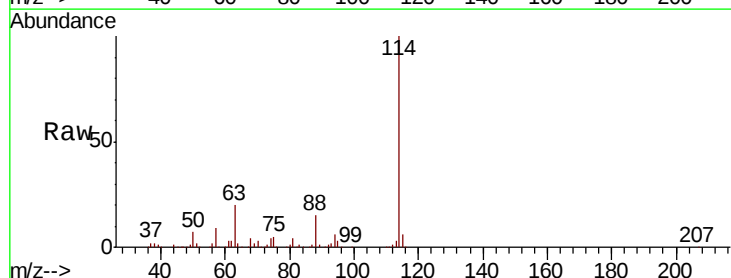
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0409SBS01

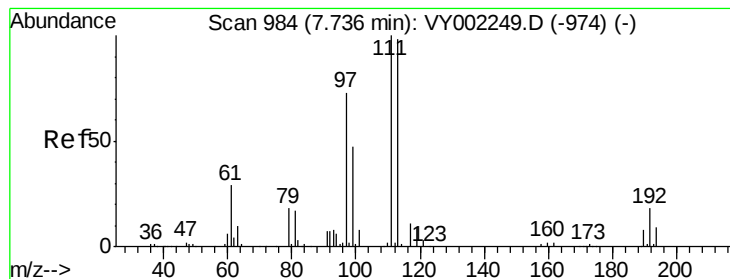
Tot Ion: 65 Resp: 87495
 Ion Ratio Lower Upper
 65 100
 67 58.8 0.0 114.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.01 min
 Lab File: VY002265.D
 Acq: 09 Apr 2020 11:16

Tgt Ion: 114 Resp: 304888
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.0
 88 14.5 0.0 31.0





#35

Dibromofluoromethane

Concen: 47.528 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.00 min

Lab File: VY002265.D

Acq: 09 Apr 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0409SBS01

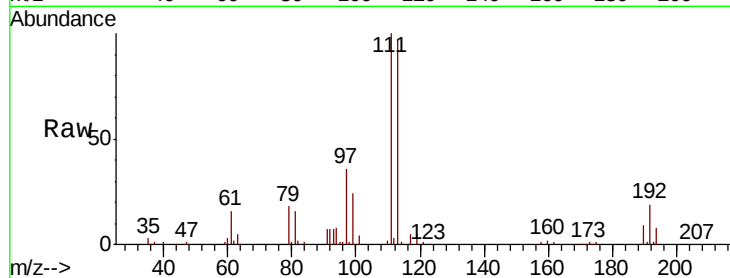
Tot Ion:113 Resp: 86225

Ion Ratio Lower Upper

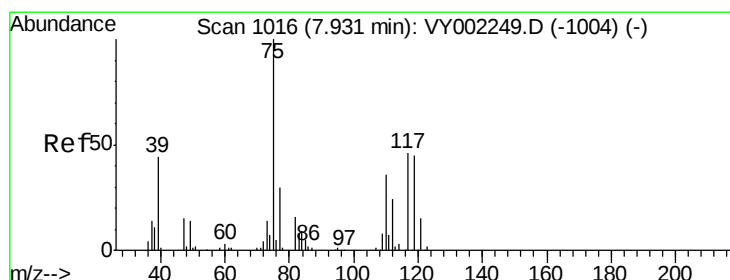
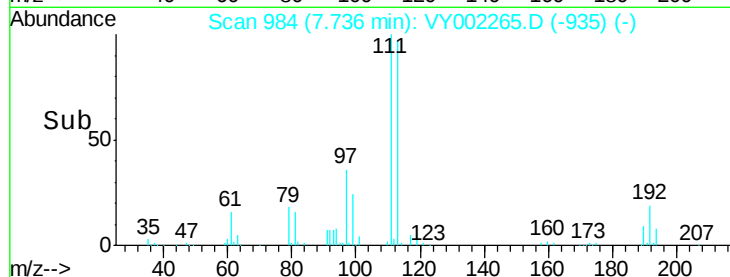
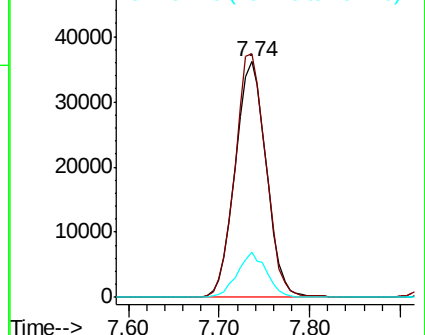
113 100

111 102.4 83.5 125.3

192 17.9 14.7 22.1



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.045 ug/l

RT: 7.94 min Scan# 1017

Delta R.T. 0.01 min

Lab File: VY002265.D

Acq: 09 Apr 2020 11:16

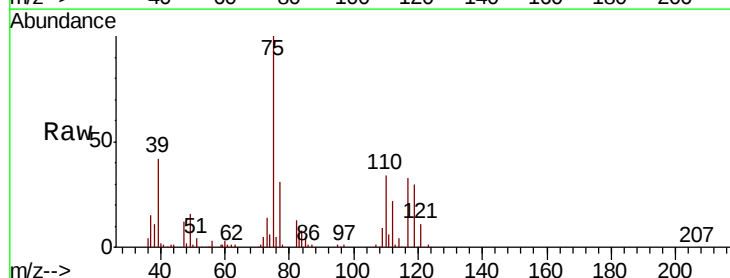
Tgt Ion: 75 Resp: 60196

Ion Ratio Lower Upper

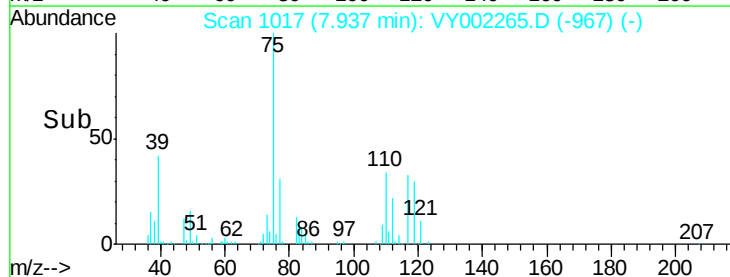
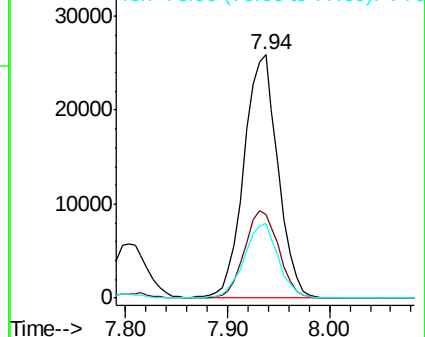
75 100

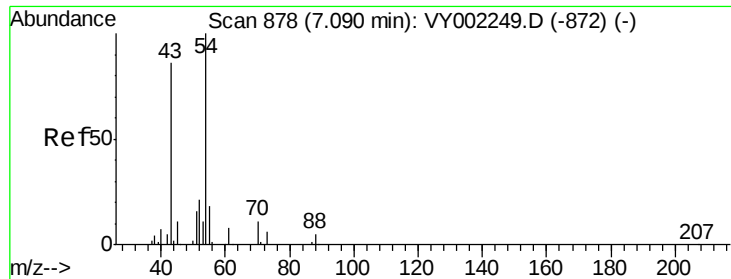
110 35.8 17.8 53.3

77 30.7 24.4 36.6



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VY0

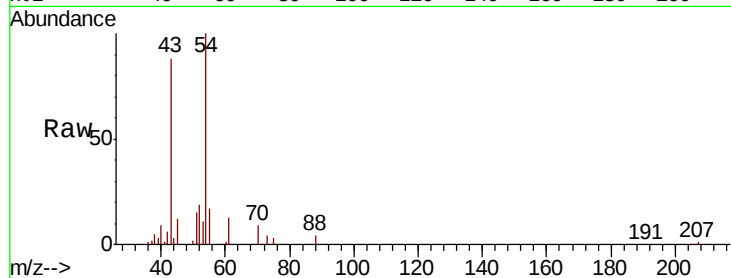




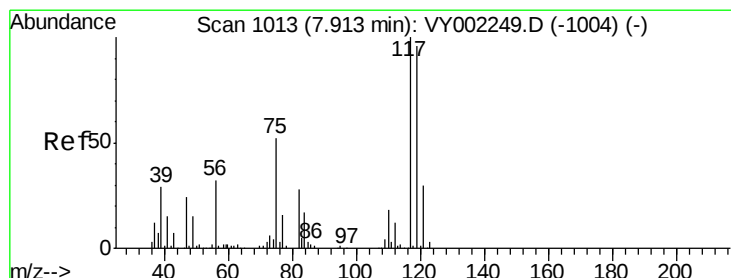
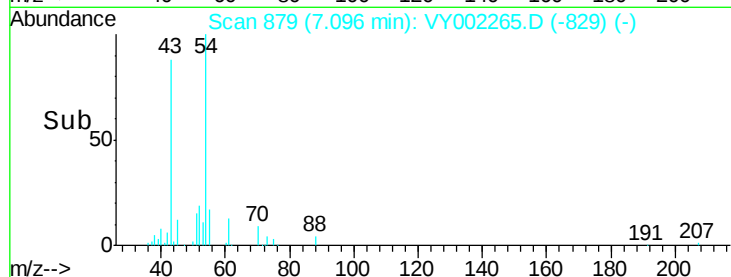
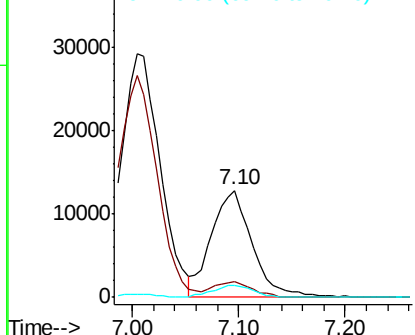
#37
Ethyl Acetate
Concen: 19.675 ug/l
RT: 7.10 min Scan# 879
Delta R.T. 0.01 min
Lab File: VY002265.D
Acq: 09 Apr 2020 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VY0409SBS01

Tot Ion: 43 Resp: 33754
Ion Ratio Lower Upper
43 100
61 13.8 11.8 17.6
70 11.1 9.1 13.7

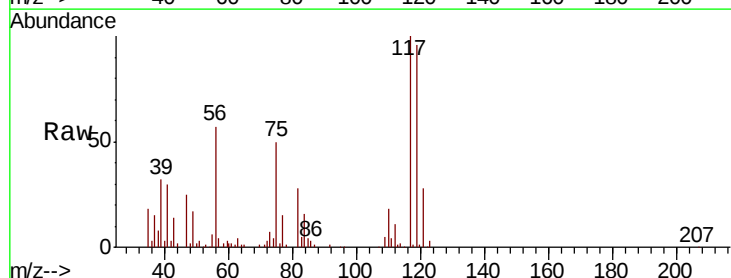


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

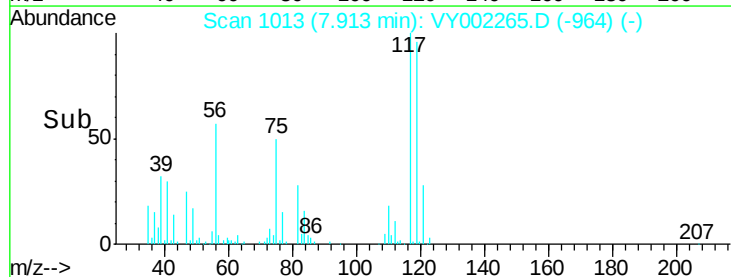
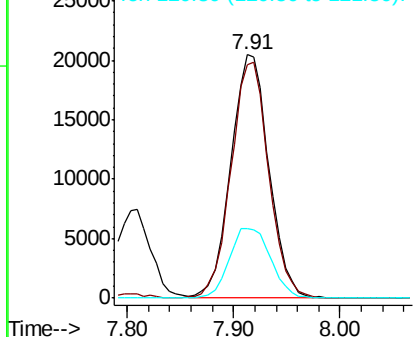


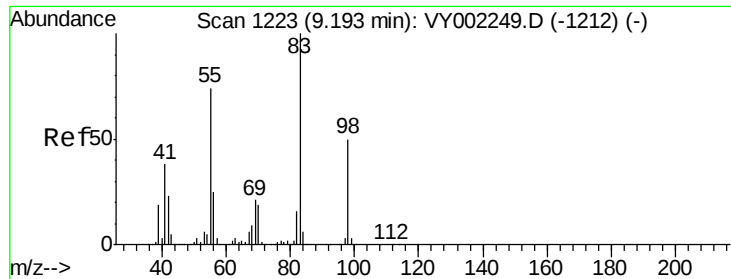
#38
Carbon Tetrachloride
Concen: 19.971 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VY002265.D
Acq: 09 Apr 2020 11:16

Tgt Ion: 117 Resp: 51302
Ion Ratio Lower Upper
117 100
119 95.7 77.1 115.7
121 28.3 23.9 35.9



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

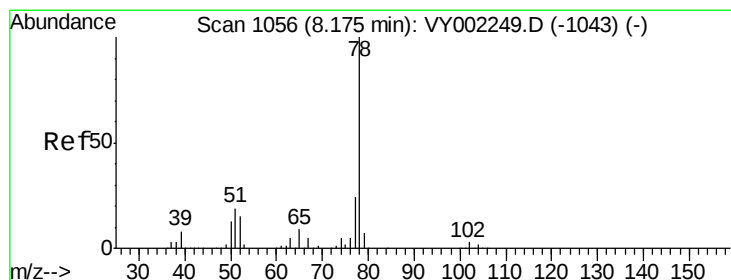
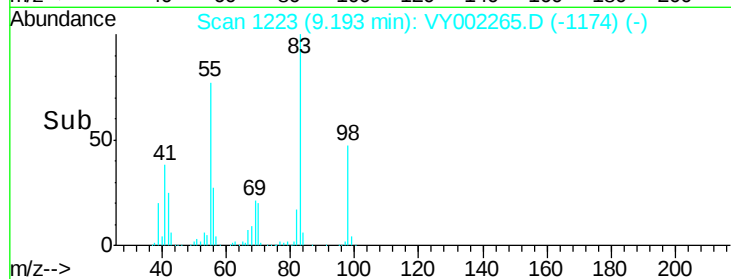
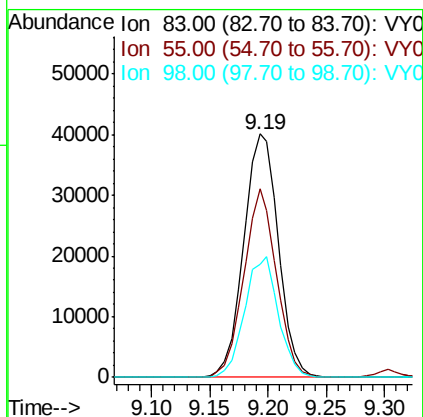
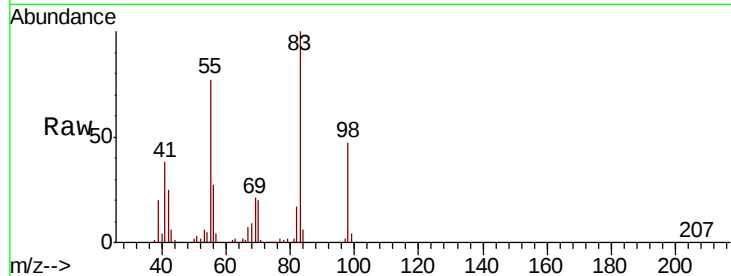




#39
Methvlcvclohexane
Concen: 20.372 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.00 min
Lab File: VY002265.D
Acq: 09 Apr 2020 11:16

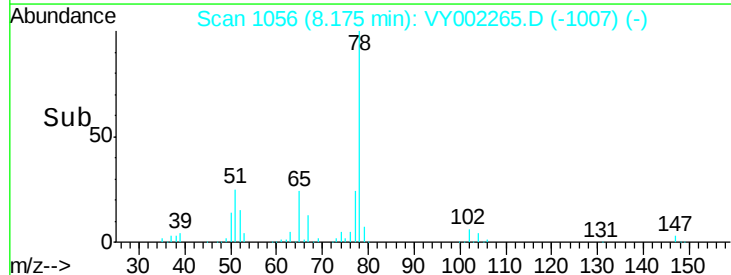
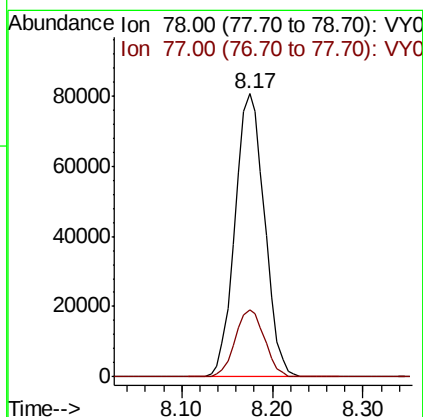
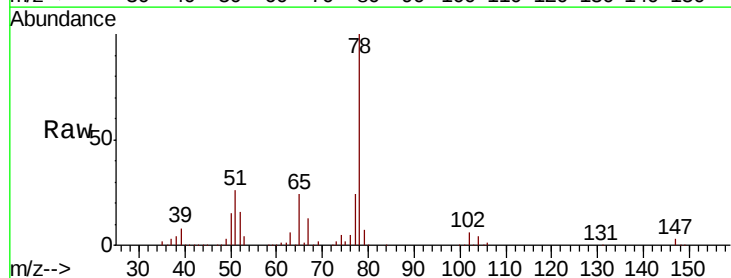
Instrument :
MSVOA_Y
ClientSampleId :
VY0409SBS01

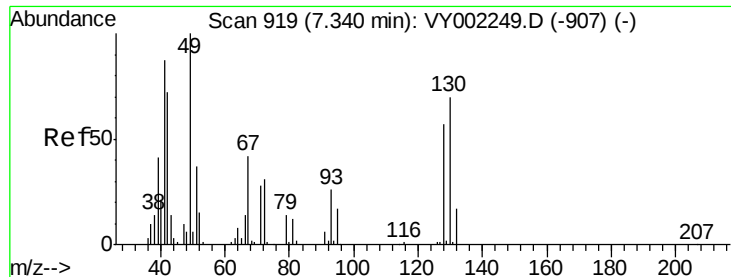
Tot Ion: 83 Resp: 83222
Ion Ratio Lower Upper
83 100
55 77.4 59.3 88.9
98 46.5 39.6 59.4



#40
Benzene
Concen: 20.093 ug/l
RT: 8.17 min Scan# 1056
Delta R.T. -0.00 min
Lab File: VY002265.D
Acq: 09 Apr 2020 11:16

Tgt Ion: 78 Resp: 183075
Ion Ratio Lower Upper
78 100
77 23.9 18.9 28.3

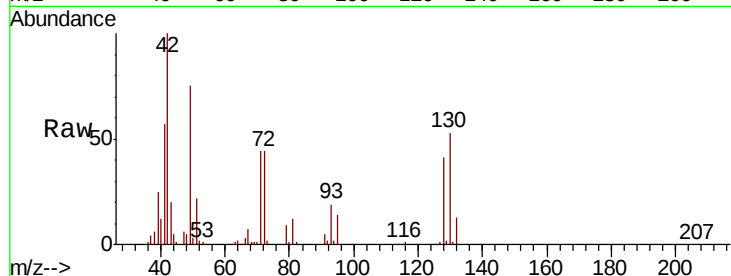




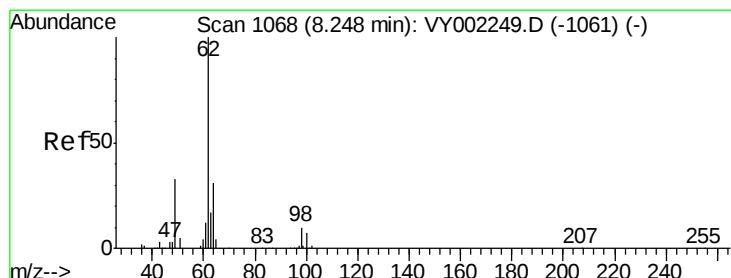
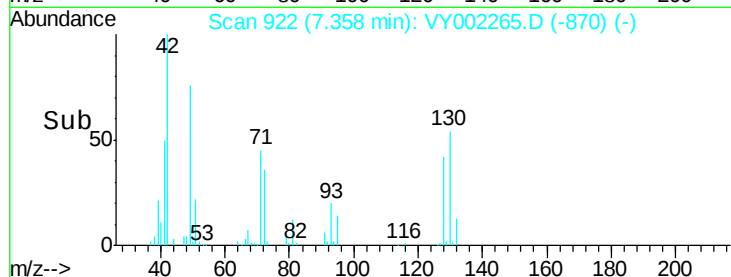
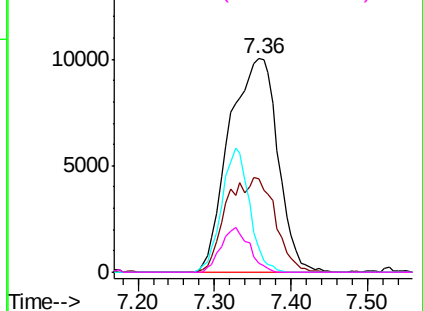
#41
Methacrylonitrile
Concen: 43.848 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.02 min
Lab File: VY002265.D
Acq: 09 Apr 2020 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VY0409SBS01

Tot Ion: 41 Resp: 44377
Ion Ratio Lower Upper
41 100
39 44.2 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

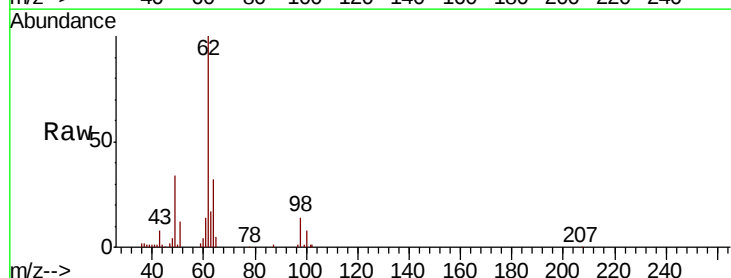


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

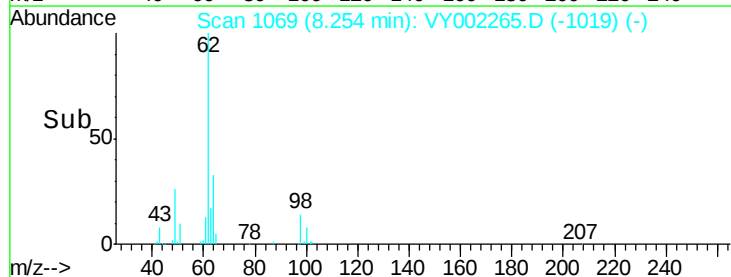
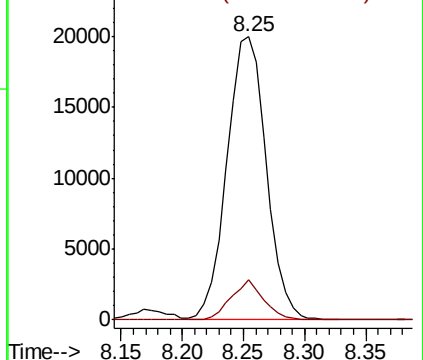


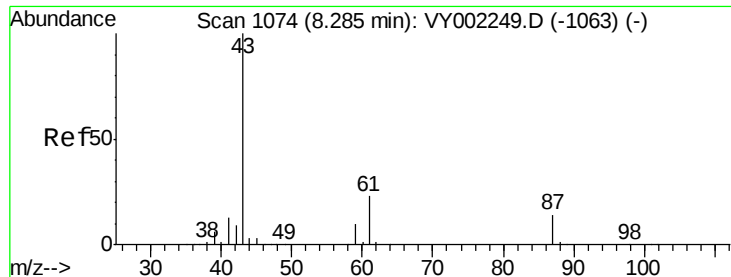
#42
1,2-Dichloroethane
Concen: 19.716 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. 0.01 min
Lab File: VY002265.D
Acq: 09 Apr 2020 11:16

Tgt Ion: 62 Resp: 44499
Ion Ratio Lower Upper
62 100
98 11.5 0.0 22.6



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





#43

Isopropyl Acetate

Concen: 19.196 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VY002265.D

Acq: 09 Apr 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0409SBS01

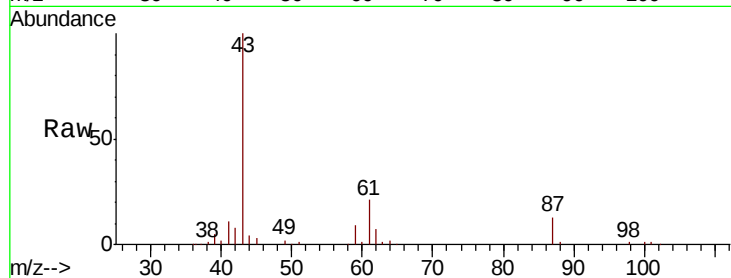
Tot Ion: 43 Resp: 60062

Ion Ratio Lower Upper

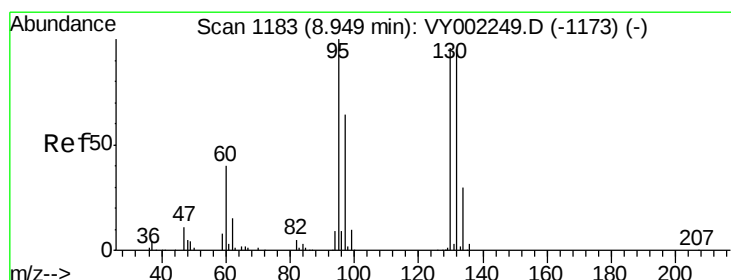
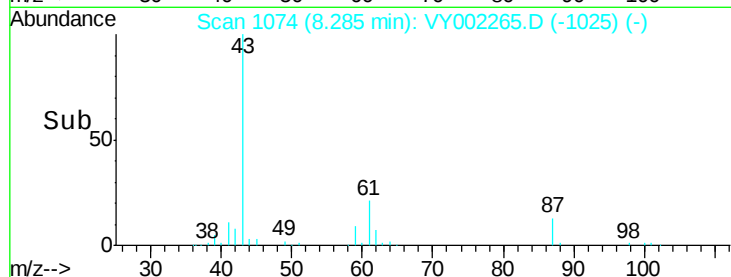
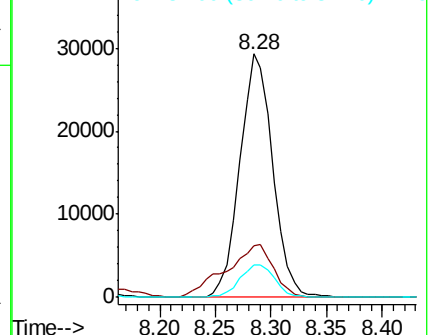
43 100

61 31.1 24.9 37.3

87 14.2 11.7 17.5



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



#44

Trichloroethene

Concen: 19.318 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. -0.00 min

Lab File: VY002265.D

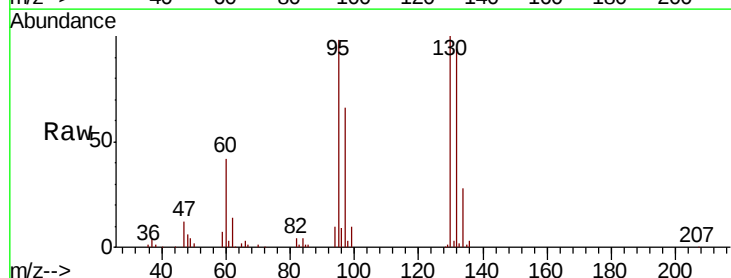
Acq: 09 Apr 2020 11:16

Tgt Ion:130 Resp: 51748

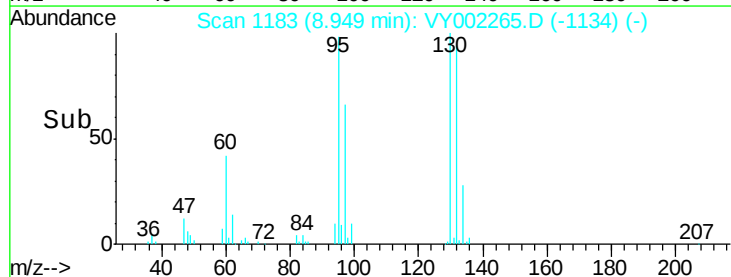
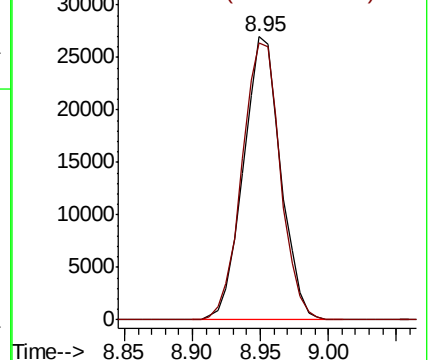
Ion Ratio Lower Upper

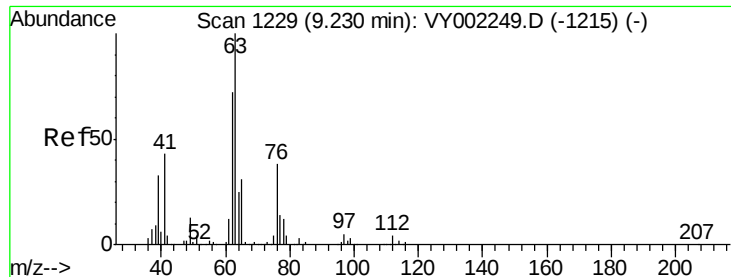
130 100

95 97.7 0.0 208.2



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





#45

1,2-Dichloropropane

Concen: 20.279 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. -0.01 min

Lab File: VY002265.D

Acq: 09 Apr 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

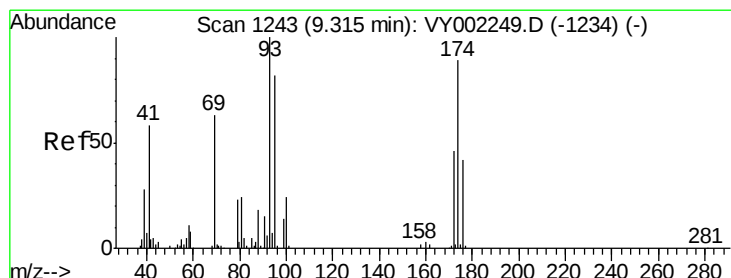
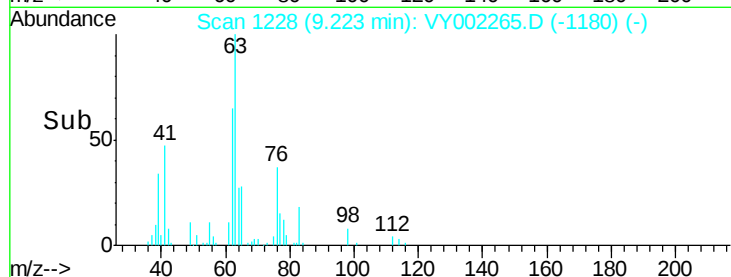
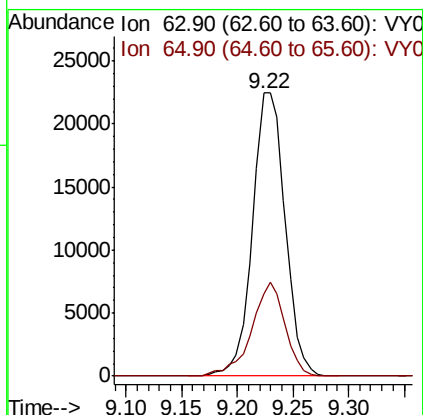
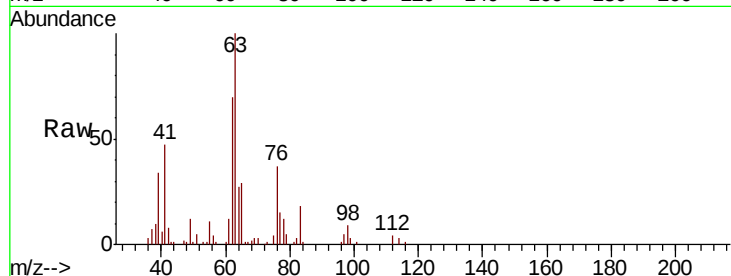
VY0409SBS01

Tot Ion: 63 Resp: 45845

Ion Ratio Lower Upper

63 100

65 29.0 24.6 37.0



#46

Dibromomethane

Concen: 19.830 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. 0.01 min

Lab File: VY002265.D

Acq: 09 Apr 2020 11:16

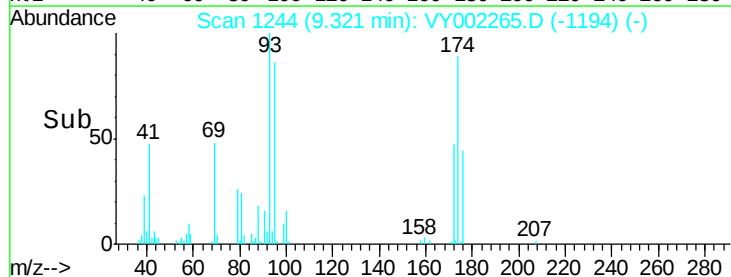
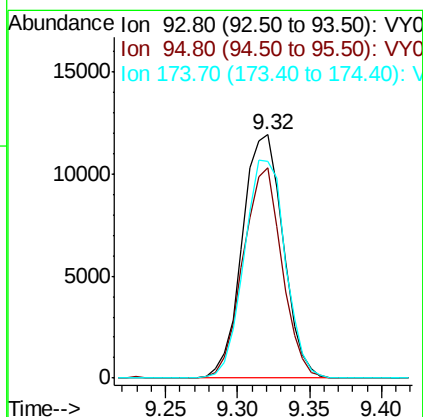
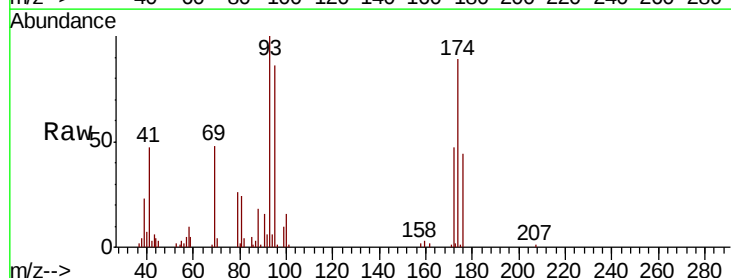
Tgt Ion: 93 Resp: 23440

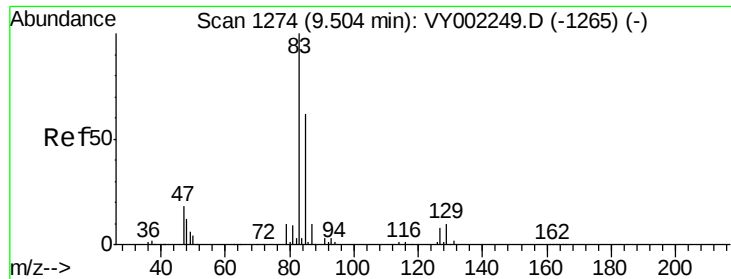
Ion Ratio Lower Upper

93 100

95 82.0 67.3 100.9

174 90.0 72.5 108.7





#47

Bromodichloromethane

Concen: 19.948 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. 0.01 min

Lab File: VY002265.D

Acq: 09 Apr 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0409SBS01

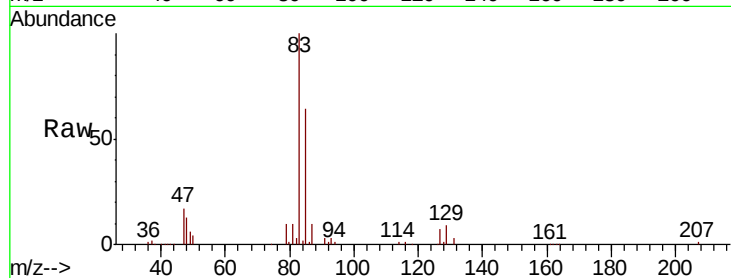
Tot Ion: 83 Resp: 54103

Ion Ratio Lower Upper

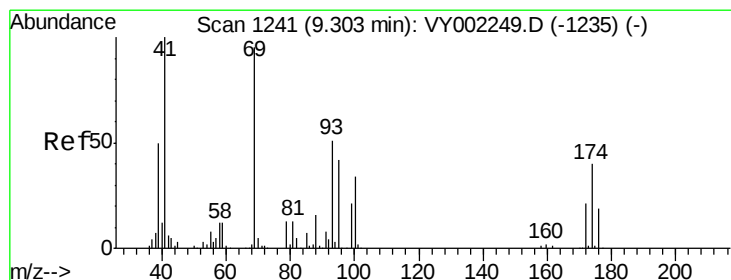
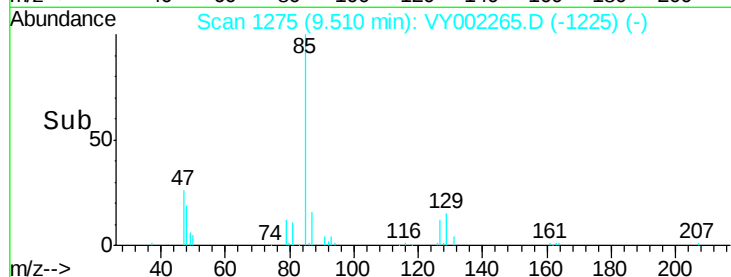
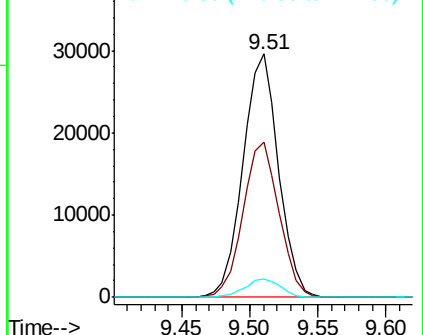
83 100

85 63.9 49.7 74.5

127 7.4 6.2 9.4



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



#48

Methyl methacrylate

Concen: 20.348 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VY002265.D

Acq: 09 Apr 2020 11:16

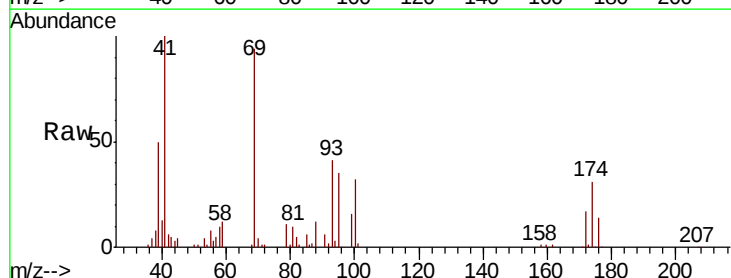
Tgt Ion: 41 Resp: 28547

Ion Ratio Lower Upper

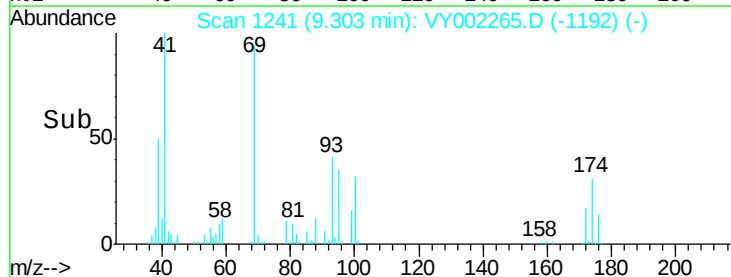
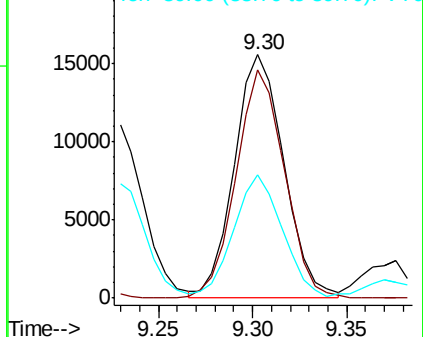
41 100

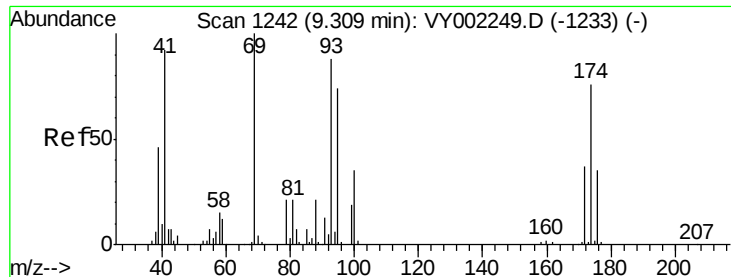
69 91.2 76.7 115.1

39 47.7 40.5 60.7



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





#49

1,4-Dioxane

Concen: 375.230 ug/l

RT: 9.31 min Scan# 1243

Delta R.T. 0.01 min

Lab File: VY002265.D

Acq: 09 Apr 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0409SBS01

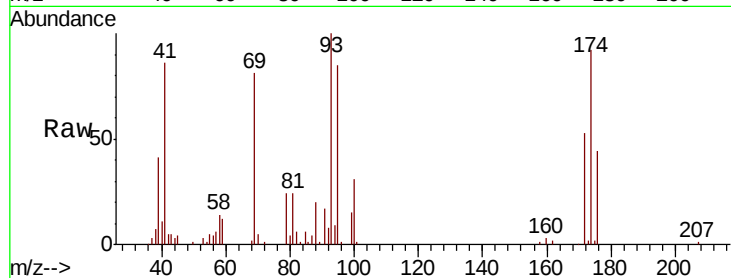
Tot Ion: 88 Resp: 6274

Ion Ratio Lower Upper

88 100

43 28.9 22.2 33.2

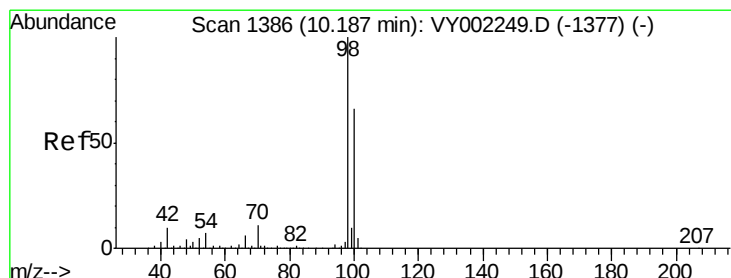
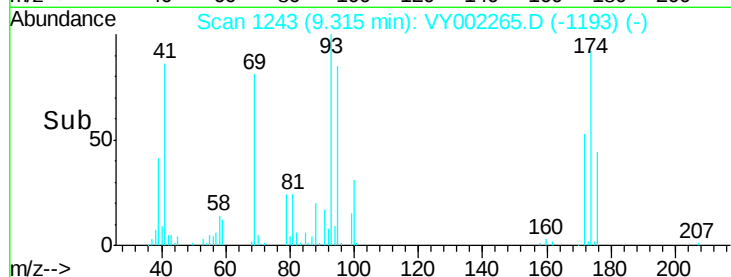
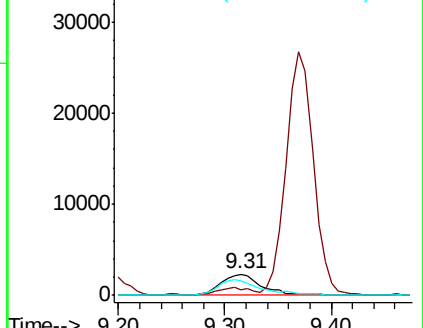
58 80.2 57.6 86.4



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: 47.209 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002265.D

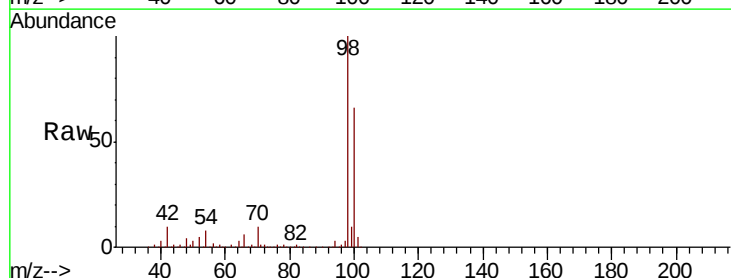
Acq: 09 Apr 2020 11:16

Tgt Ion: 98 Resp: 358482

Ion Ratio Lower Upper

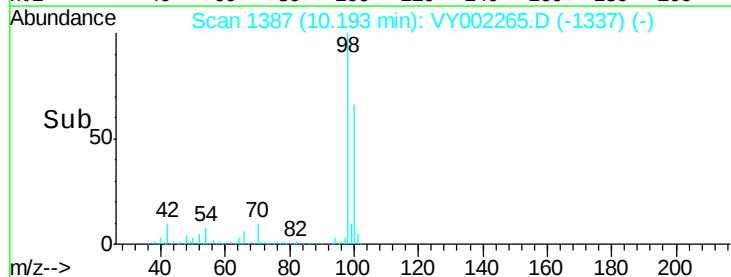
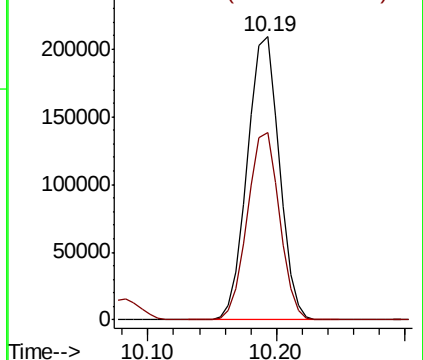
98 100

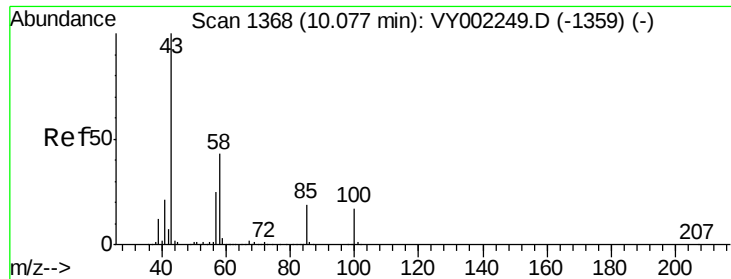
100 66.5 52.6 78.8



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: 103.256 ug/l

RT: 10.08 min Scan# 1369

Delta R.T. 0.01 min

Lab File: VY002265.D

Acq: 09 Apr 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

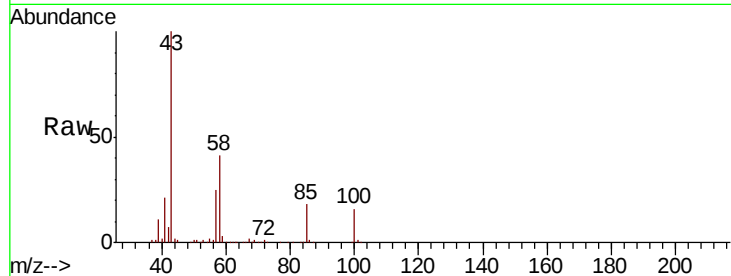
VY0409SBS01

Tot Ion: 43 Resp: 168350

Ion Ratio Lower Upper

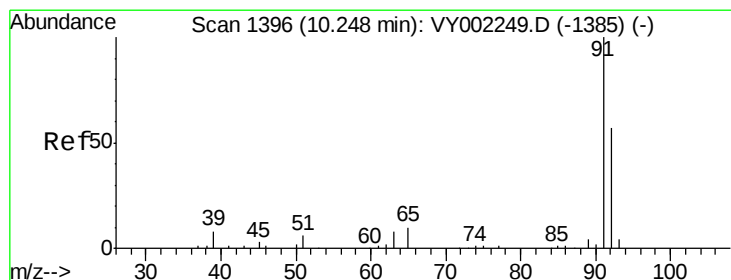
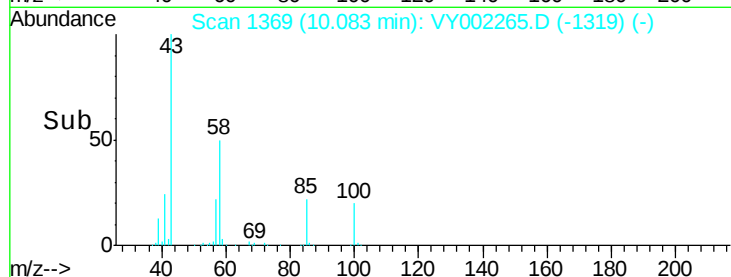
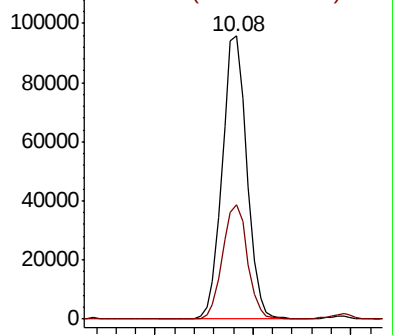
43 100

58 40.8 33.8 50.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 20.292 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. 0.01 min

Lab File: VY002265.D

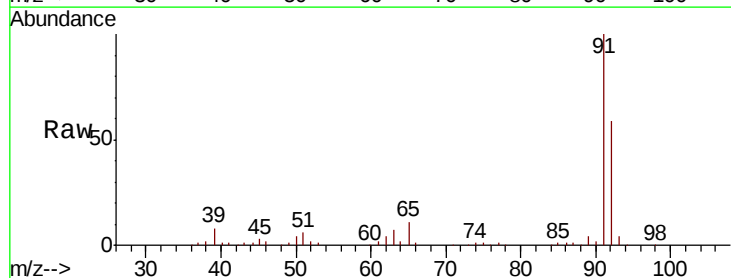
Acq: 09 Apr 2020 11:16

Tgt Ion: 92 Resp: 111426

Ion Ratio Lower Upper

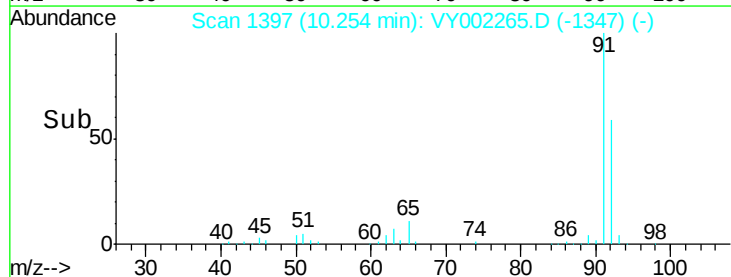
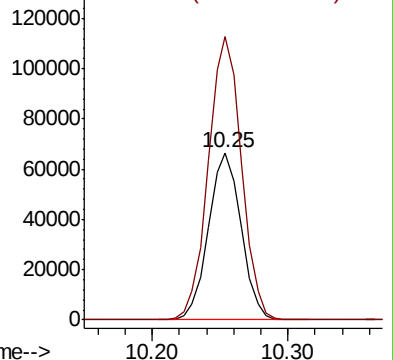
92 100

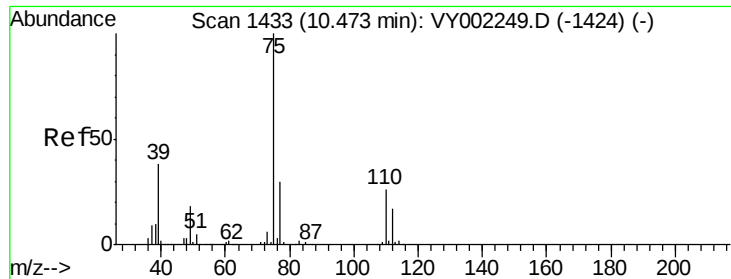
91 171.6 139.0 208.6



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





#53

t-1,3-Dichloropropene

Concen: 20.008 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.00 min

Lab File: VY002265.D

Acq: 09 Apr 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

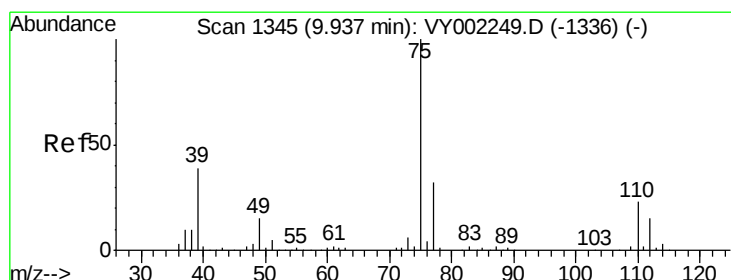
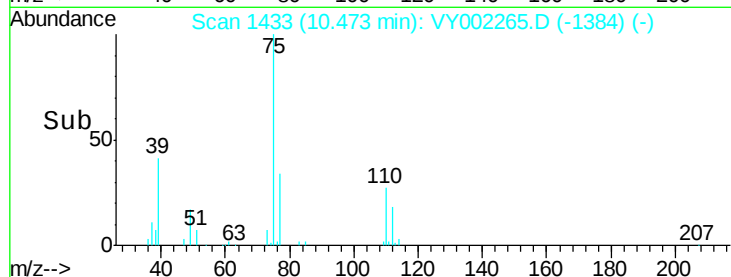
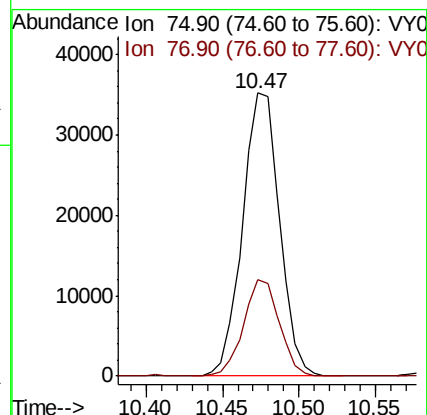
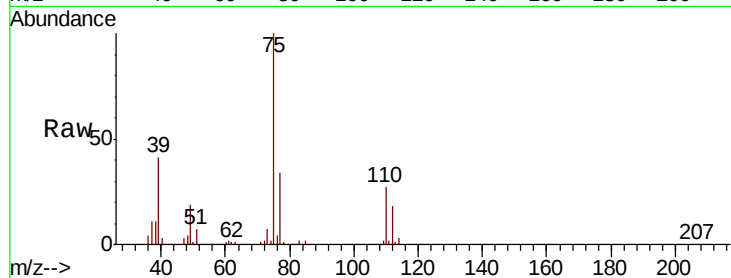
VY0409SBS01

Tot Ion: 75 Resp: 59126

Ion Ratio Lower Upper

75 100

77 34.0 24.2 36.2



#54

cis-1,3-Dichloropropene

Concen: 19.708 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VY002265.D

Acq: 09 Apr 2020 11:16

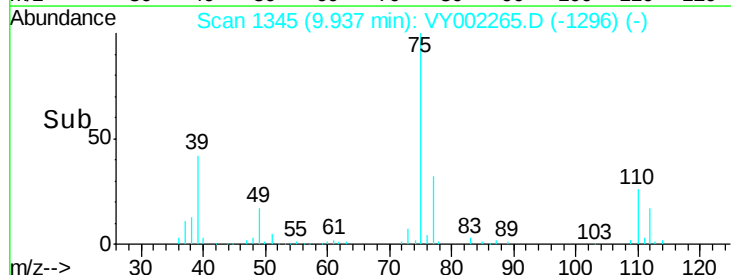
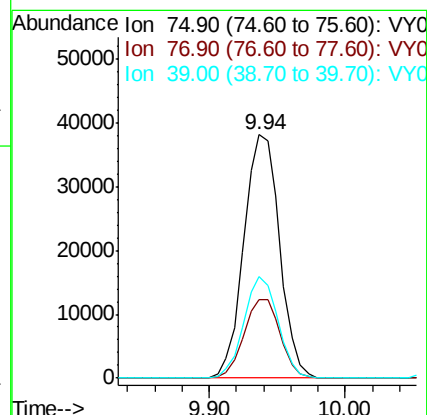
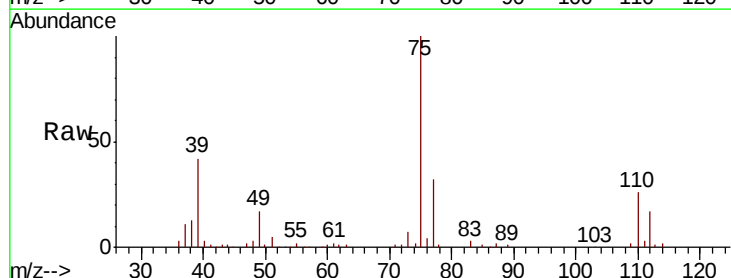
Tgt Ion: 75 Resp: 70016

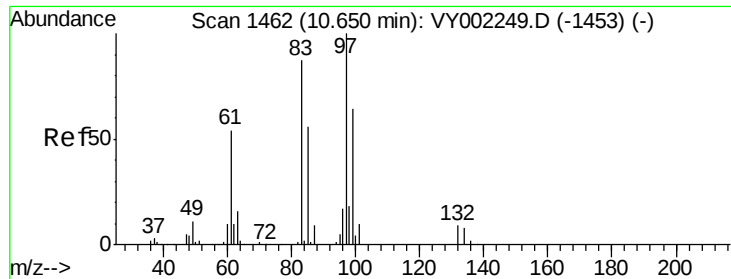
Ion Ratio Lower Upper

75 100

77 32.3 25.8 38.8

39 41.9 30.8 46.2

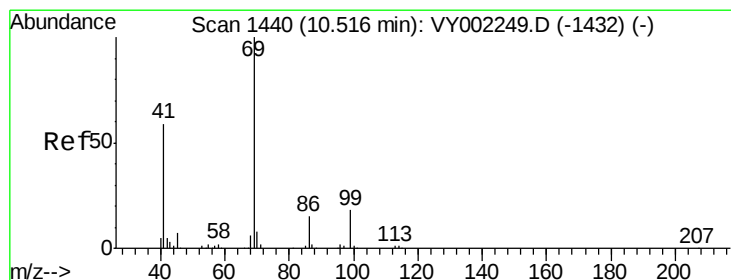
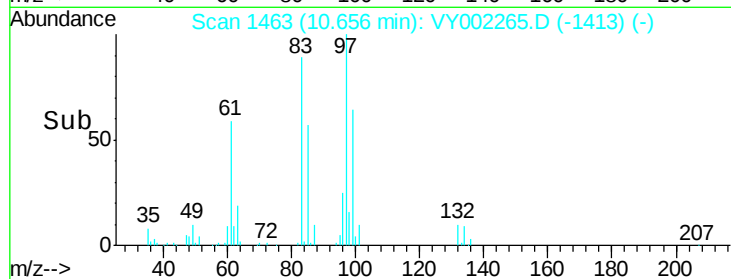
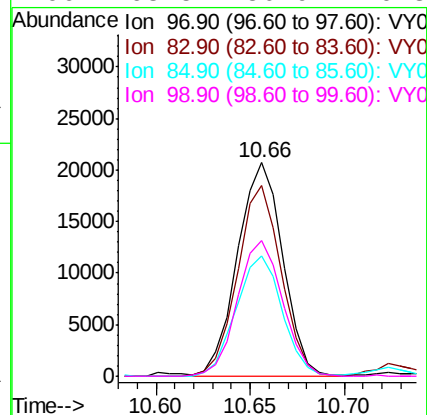
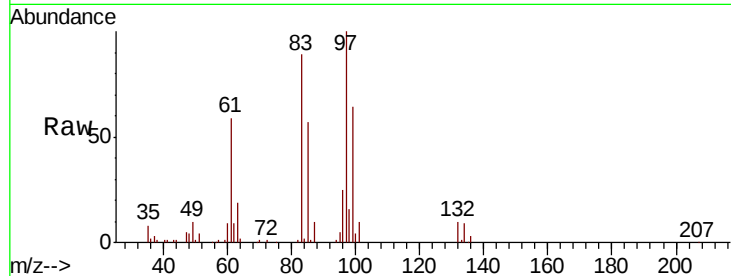




#55
 1,1,2-Trichloroethane
 Concen: 19.919 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.01 min
 Lab File: VY002265.D
 Acq: 09 Apr 2020 11:16

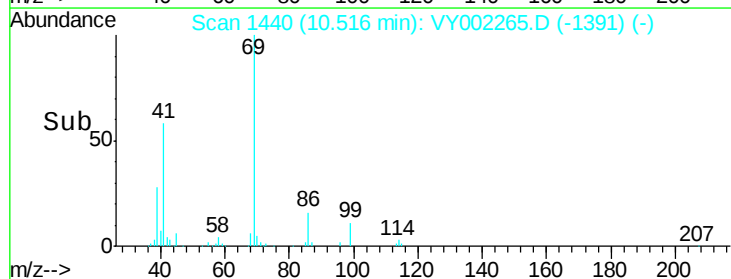
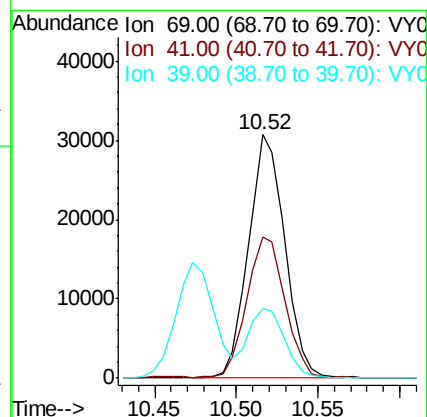
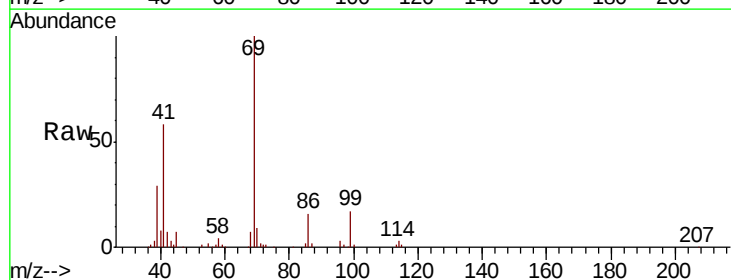
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0409SBS01

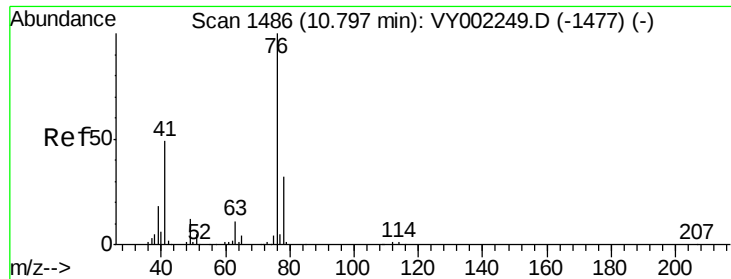
Tot Ion:	97	Resp:	34471
Ion	Ratio	Lower	Upper
97	100		
83	88.6	69.5	104.3
85	56.2	45.2	67.8
99	63.5	50.9	76.3



#56
 Ethyl methacrylate
 Concen: 19.307 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VY002265.D
 Acq: 09 Apr 2020 11:16

Tgt Ion:	69	Resp:	47686
Ion	Ratio	Lower	Upper
69	100		
41	61.3	47.9	71.9
39	29.3	23.8	35.6





#57

1,3-Dichloropropane

Concen: 19.694 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. 0.01 min

Lab File: VY002265.D

Acq: 09 Apr 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

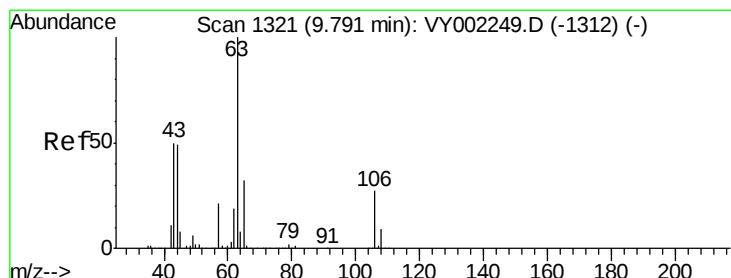
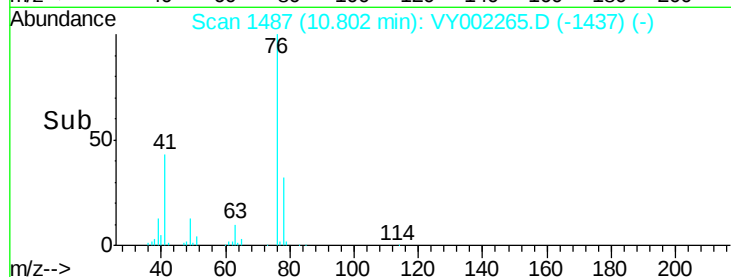
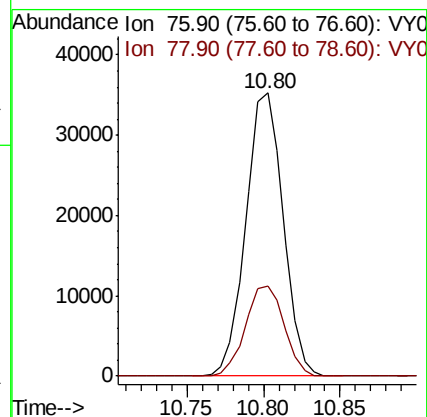
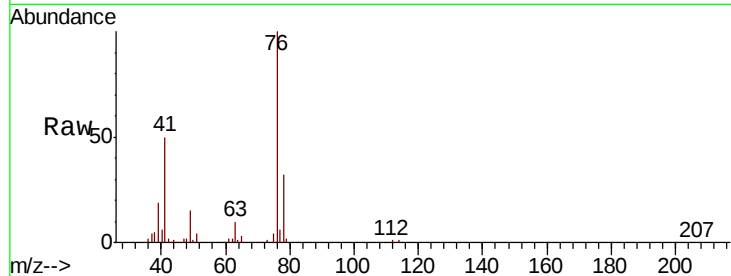
VY0409SBS01

Tot Ion: 76 Resp: 59905

Ion Ratio Lower Upper

76 100

78 33.1 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 102.733 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. 0.01 min

Lab File: VY002265.D

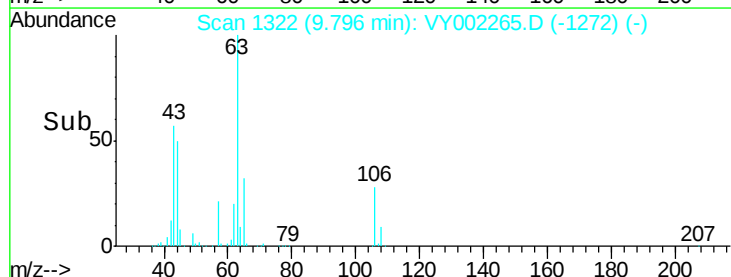
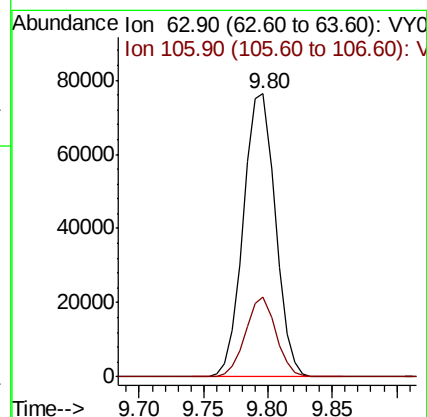
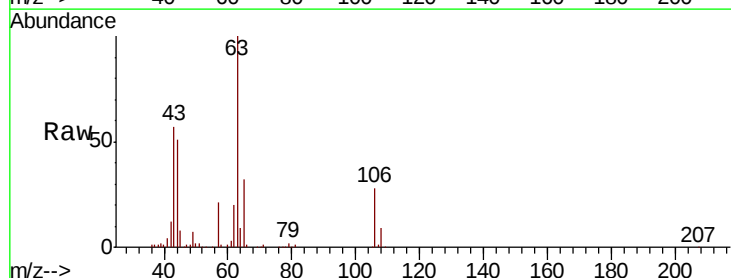
Acq: 09 Apr 2020 11:16

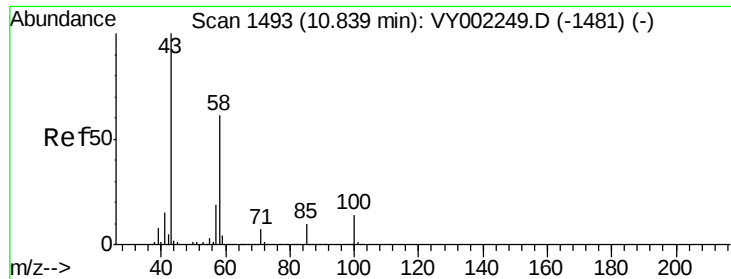
Tgt Ion: 63 Resp: 131399

Ion Ratio Lower Upper

63 100

106 26.8 22.2 33.2

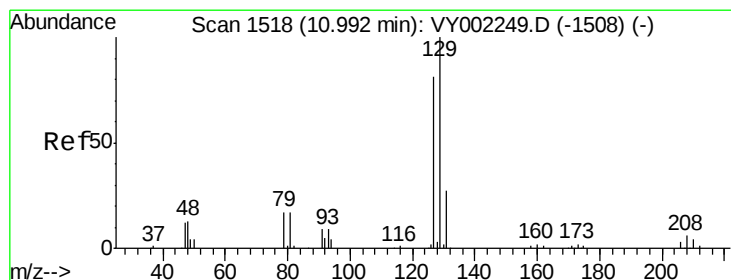
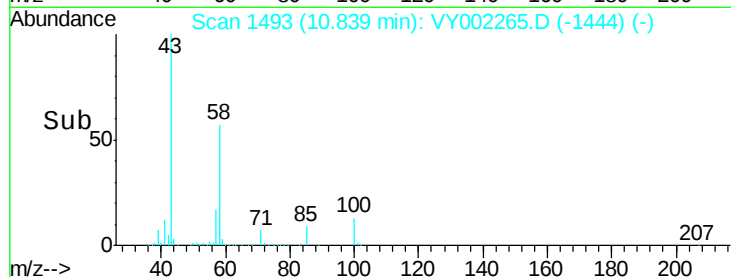
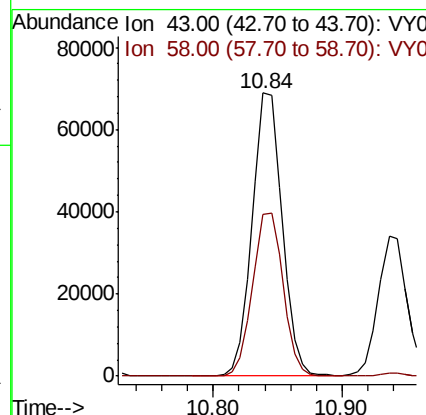
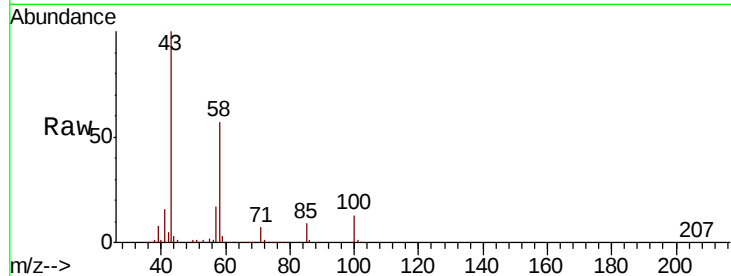




#59
2-Hexanone
Concen: 97.532 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VY002265.D
Acq: 09 Apr 2020 11:16

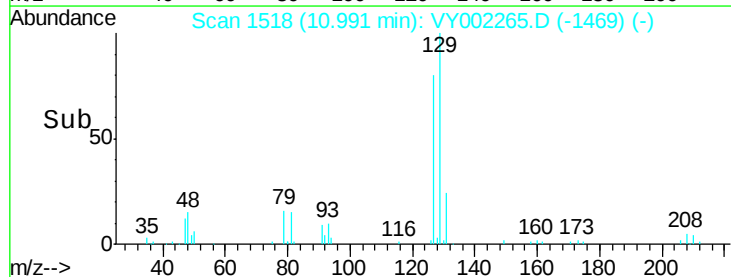
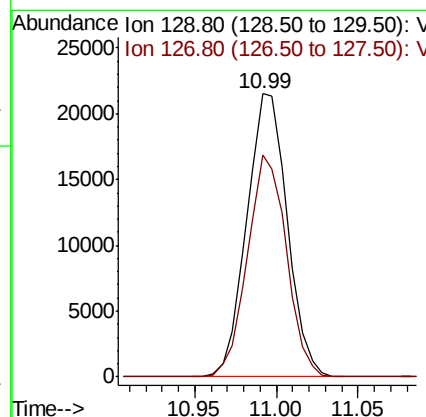
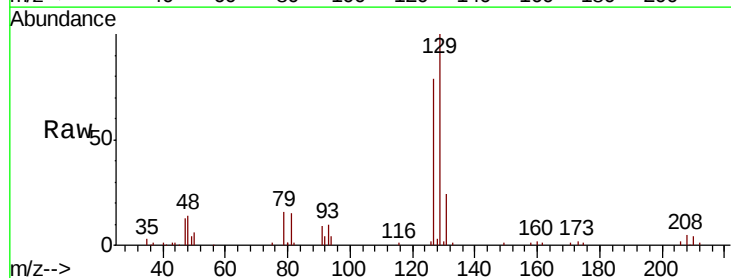
Instrument :
MSVOA_Y
ClientSampleId :
VY0409SBS01

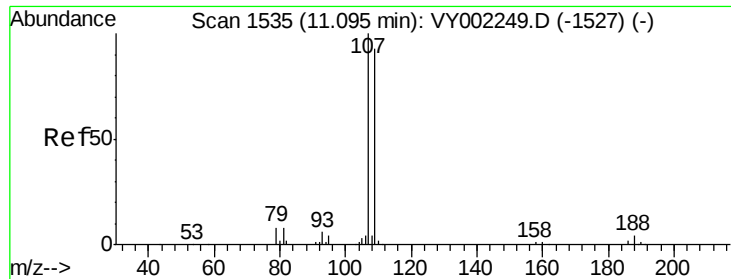
Tot Ion: 43 Resp: 110362
Ion Ratio Lower Upper
43 100
58 58.7 29.8 89.3



#60
Dibromochloromethane
Concen: 20.163 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VY002265.D
Acq: 09 Apr 2020 11:16

Tgt Ion: 129 Resp: 37207
Ion Ratio Lower Upper
129 100
127 75.4 39.0 117.0

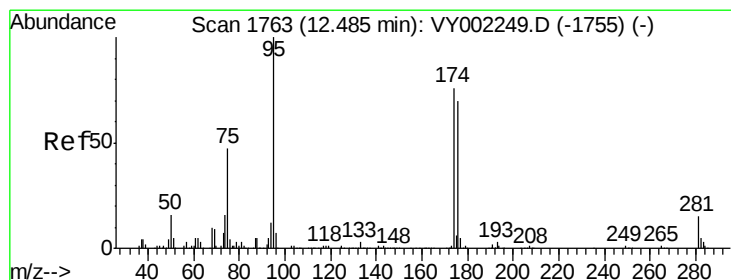
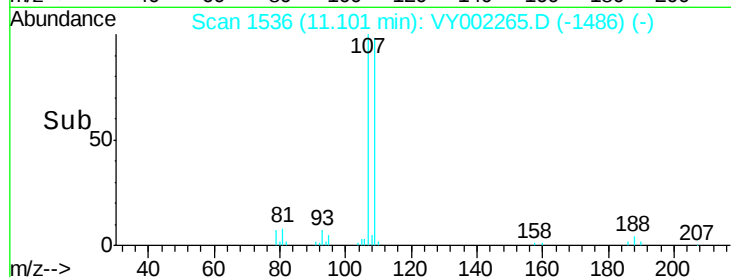
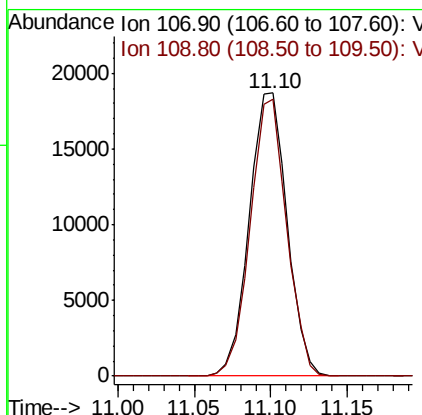
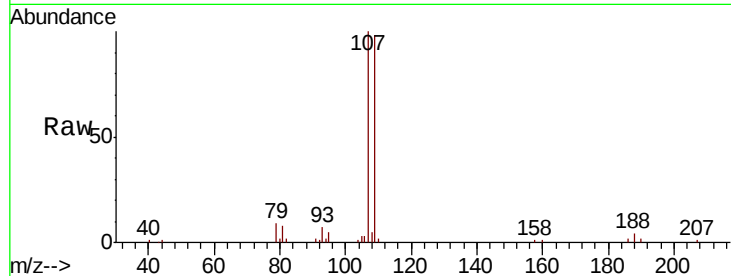




#61
 1,2-Dibromoethane
 Concen: 19.552 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.01 min
 Lab File: VY002265.D
 Acq: 09 Apr 2020 11:16

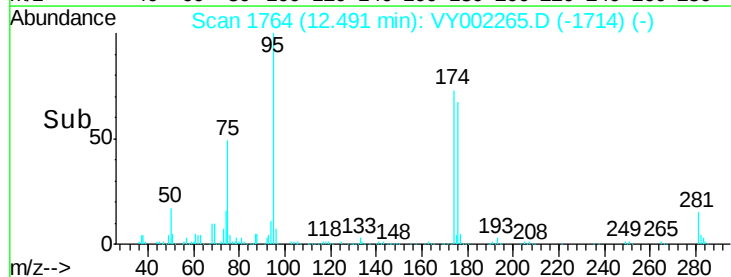
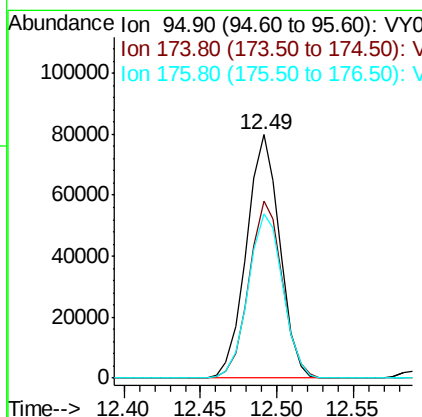
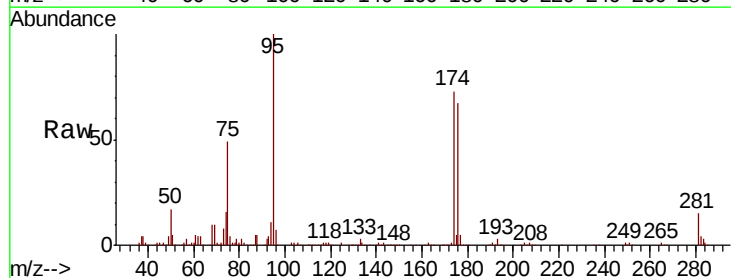
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0409SBS01

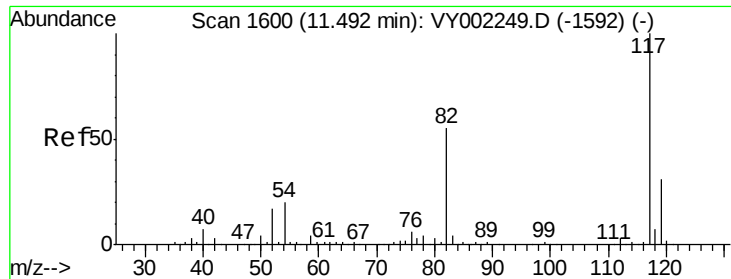
Tot Ion:107 Resp: 32212
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 48.279 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.01 min
 Lab File: VY002265.D
 Acq: 09 Apr 2020 11:16

Tgt Ion: 95 Resp: 120948
 Ion Ratio Lower Upper
 95 100
 174 72.8 0.0 150.6
 176 70.0 0.0 141.4

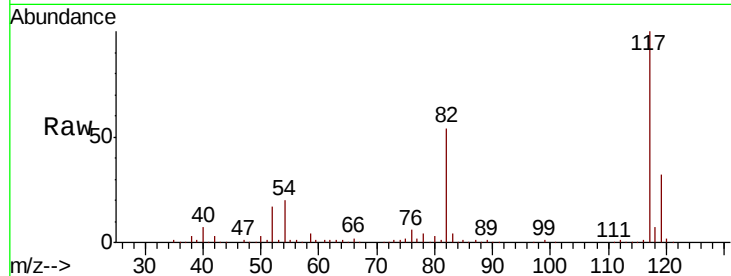




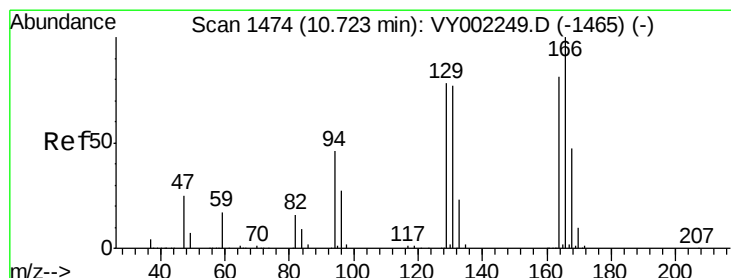
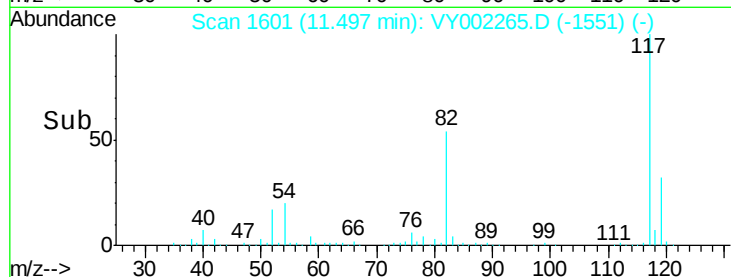
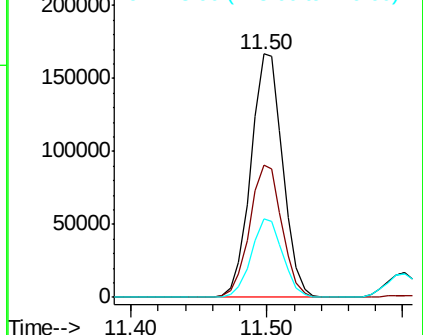
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002265.D
Acq: 09 Apr 2020 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VY0409SBS01

Tot Ion:117 Resp: 274108
Ion Ratio Lower Upper
117 100
82 54.3 44.2 66.4
119 32.2 25.1 37.7

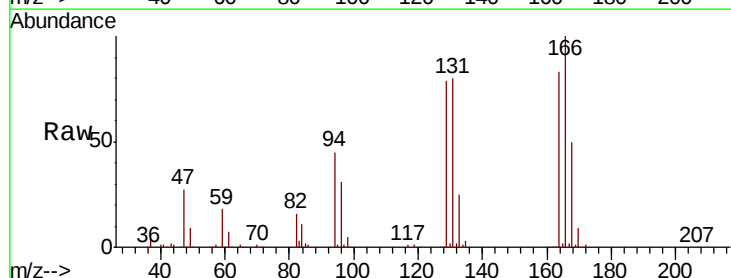


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

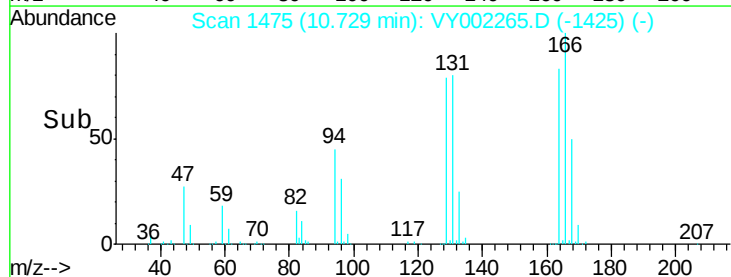
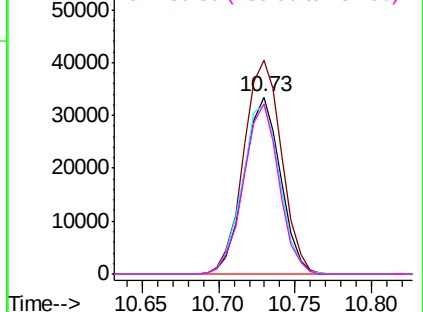


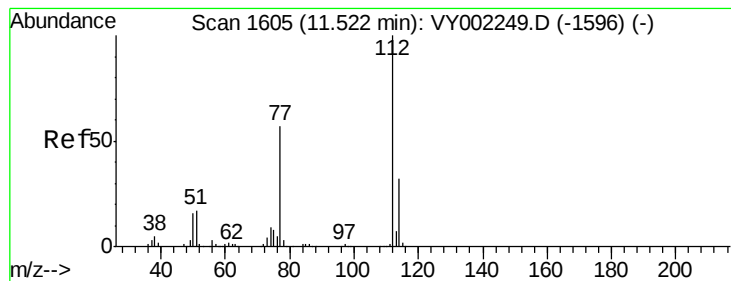
#64
Tetrachloroethene
Concen: 20.016 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.01 min
Lab File: VY002265.D
Acq: 09 Apr 2020 11:16

Tgt Ion:164 Resp: 55471
Ion Ratio Lower Upper
164 100
166 120.5 98.4 147.6
129 95.4 76.6 115.0
131 96.1 75.4 113.2



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: 20.088 ug/l

RT: 11.53 min Scan# 1606

Delta R.T. 0.01 min

Lab File: VY002265.D

Acq: 09 Apr 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

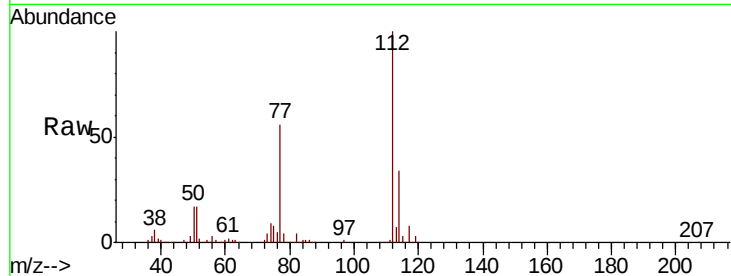
VY0409SBS01

Tot Ion:112 Resp: 114462

Ion Ratio Lower Upper

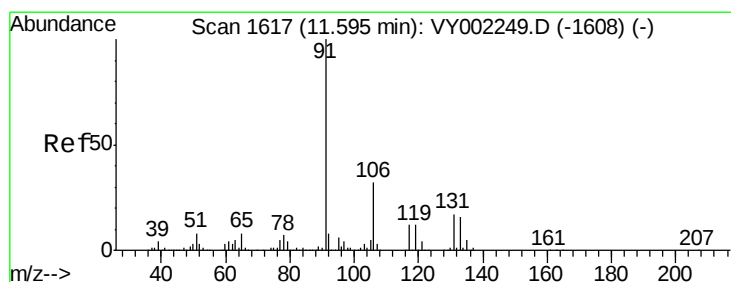
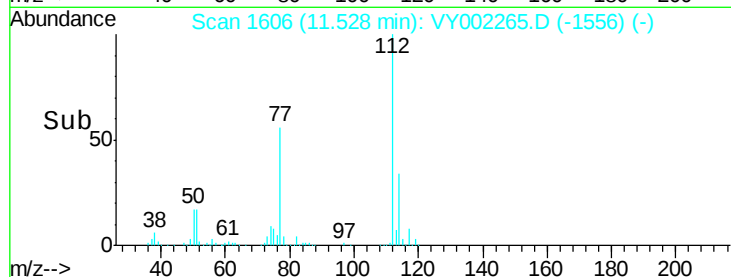
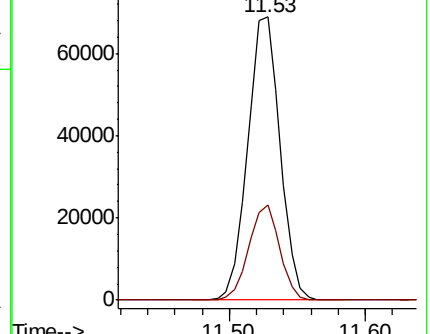
112 100

114 33.9 25.6 38.4



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: 19.998 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. 0.01 min

Lab File: VY002265.D

Acq: 09 Apr 2020 11:16

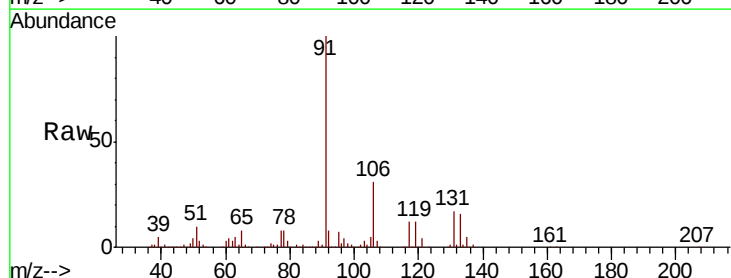
Tgt Ion:131 Resp: 37620

Ion Ratio Lower Upper

131 100

133 94.8 46.5 139.3

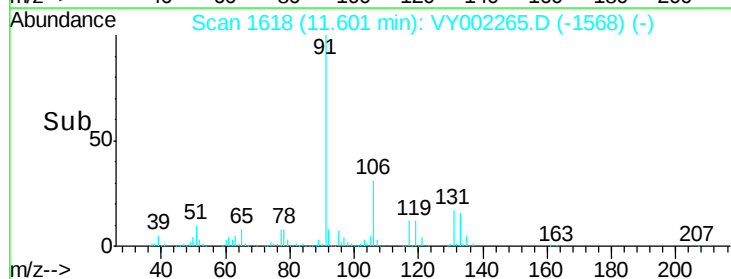
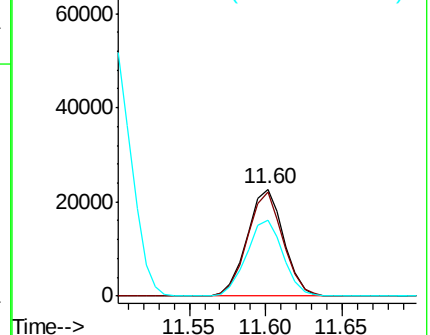
119 71.2 34.5 103.6

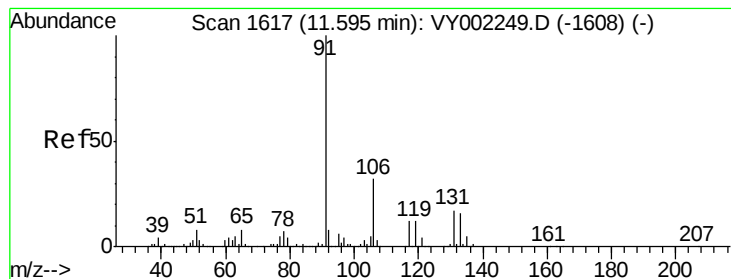


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 20.344 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. 0.01 min

Lab File: VY002265.D

Acq: 09 Apr 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

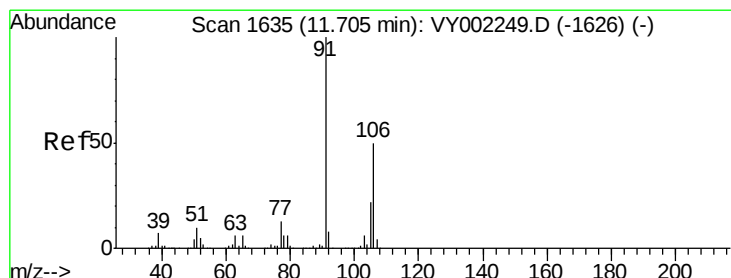
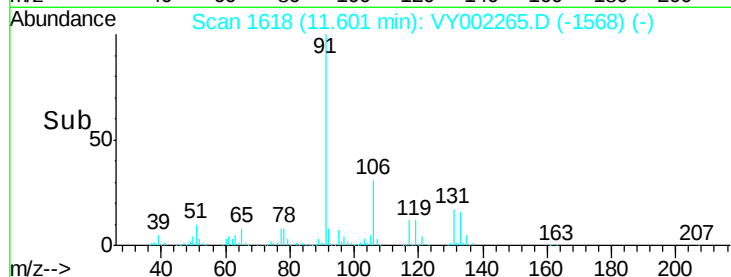
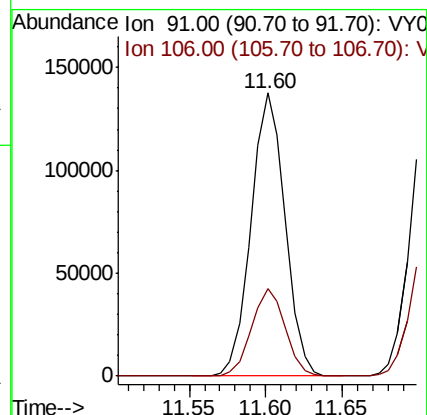
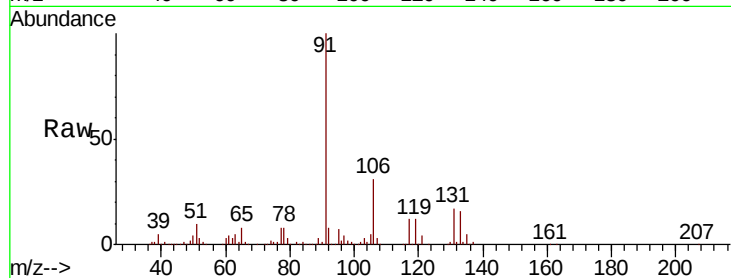
VY0409SBS01

Tot Ion: 91 Resp: 212205

Ion Ratio Lower Upper

91 100

106 30.8 25.4 38.0



#68

m/p-Xylenes

Concen: 40.940 ug/l

RT: 11.71 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VY002265.D

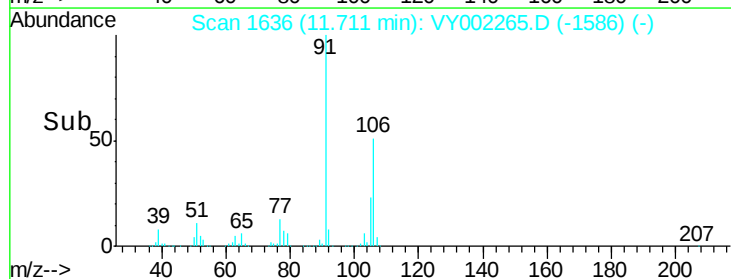
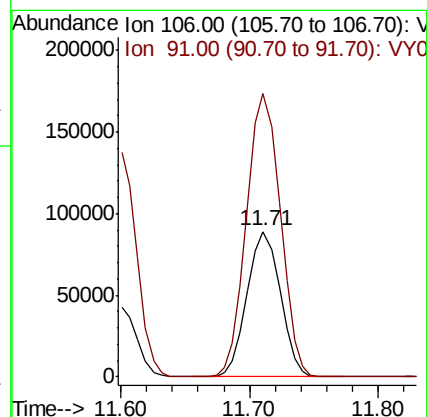
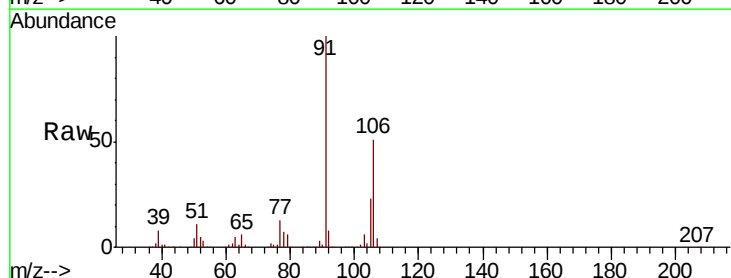
Acq: 09 Apr 2020 11:16

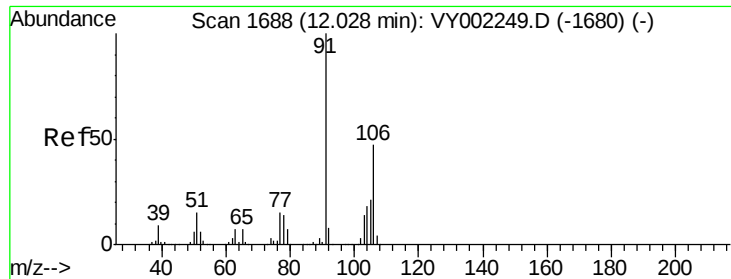
Tgt Ion:106 Resp: 159949

Ion Ratio Lower Upper

106 100

91 198.1 159.8 239.6

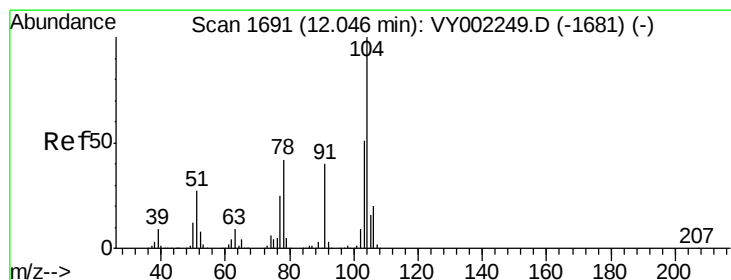
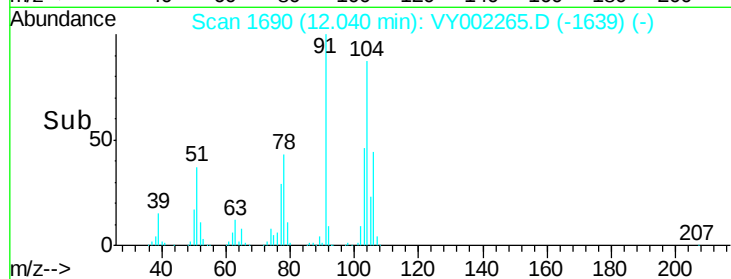
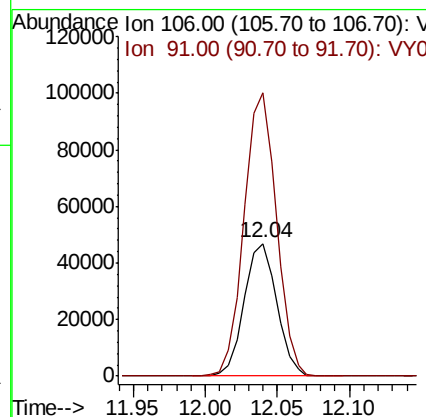
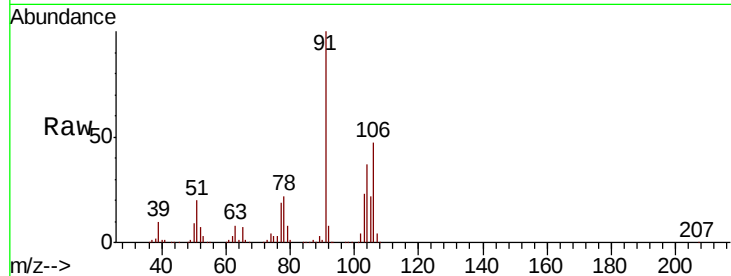




#69
o-Xylene
Concen: 20.003 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY002265.D
Acq: 09 Apr 2020 11:16

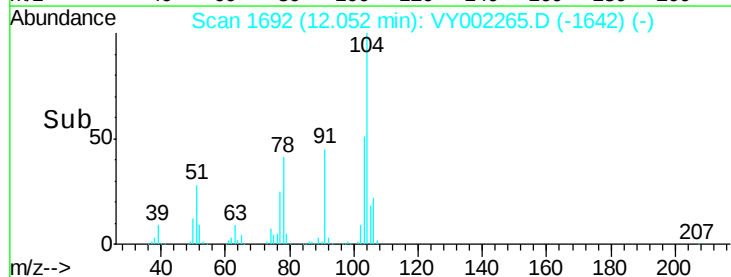
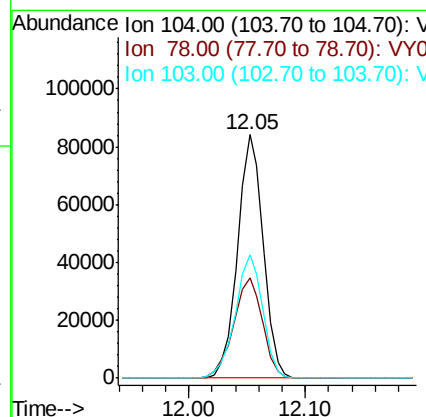
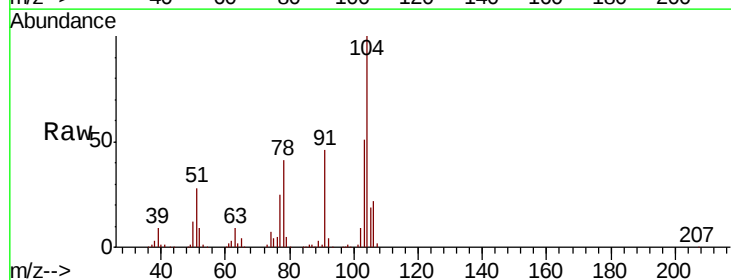
Instrument :
MSVOA_Y
ClientSampleId :
VY0409SBS01

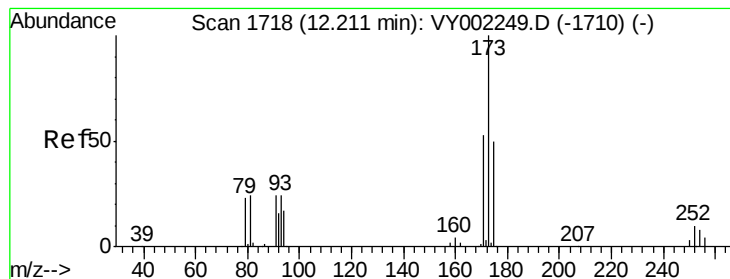
Tot Ion:106 Resp: 73370
Ion Ratio Lower Upper
106 100
91 212.3 105.8 317.3



#70
Styrene
Concen: 20.216 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.01 min
Lab File: VY002265.D
Acq: 09 Apr 2020 11:16

Tgt Ion:104 Resp: 128647
Ion Ratio Lower Upper
104 100
78 46.6 37.2 55.8
103 54.4 43.4 65.0





#71

Bromoform

Concen: 19.758 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. 0.01 min

Lab File: VY002265.D

Acq: 09 Apr 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0409SBS01

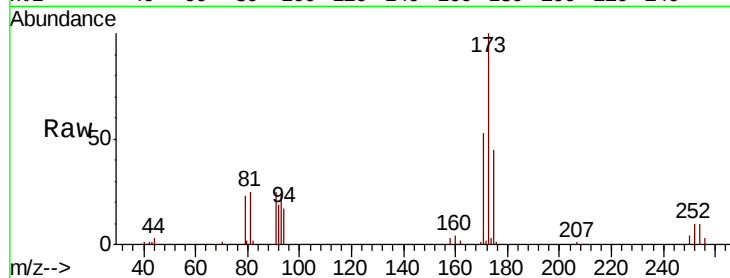
Tot Ion:173 Resp: 20213

Ion Ratio Lower Upper

173 100

175 48.0 24.1 72.3

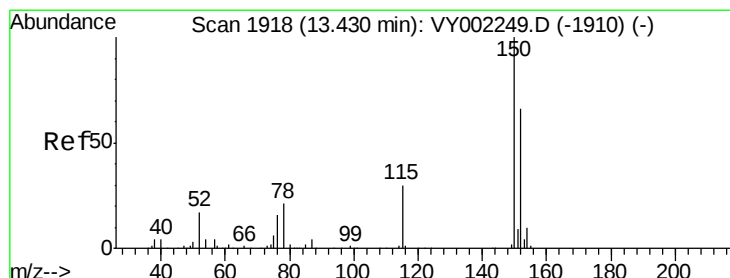
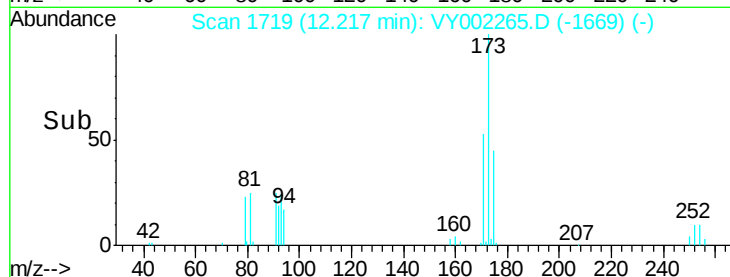
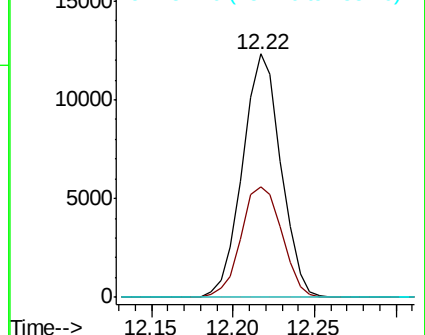
254 0.0 0.0 0.0



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: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY002265.D

Acq: 09 Apr 2020 11:16

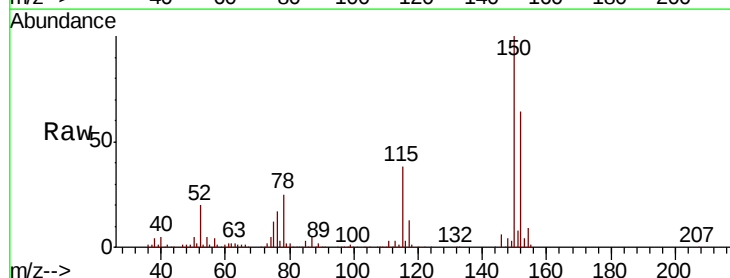
Tgt Ion:152 Resp: 126294

Ion Ratio Lower Upper

152 100

115 60.4 30.7 92.1

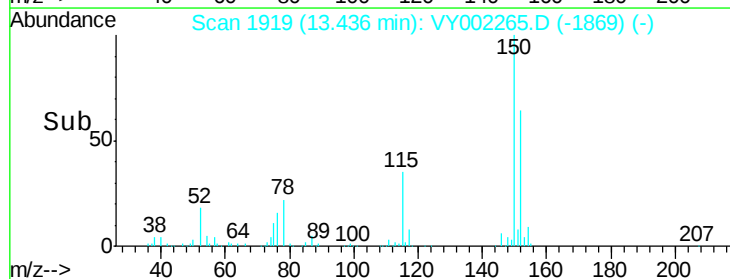
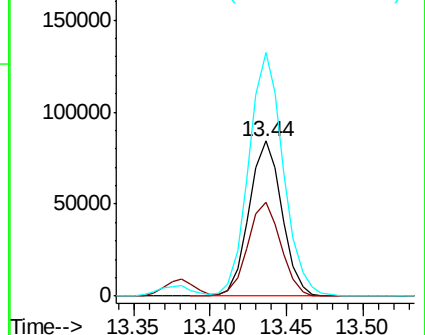
150 164.3 0.0 350.6

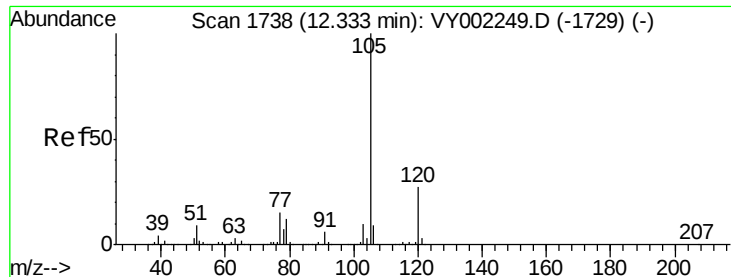


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.249 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.01 min

Lab File: VY002265.D

Acq: 09 Apr 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

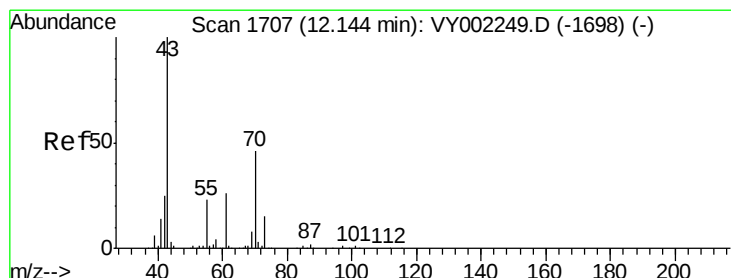
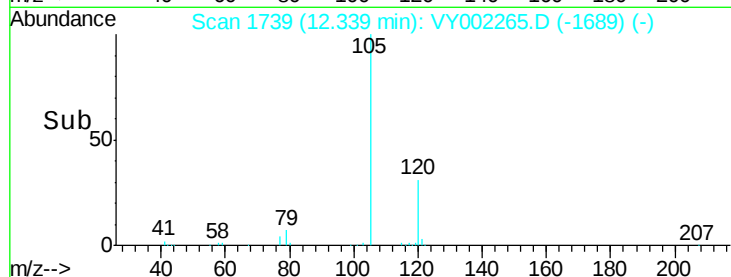
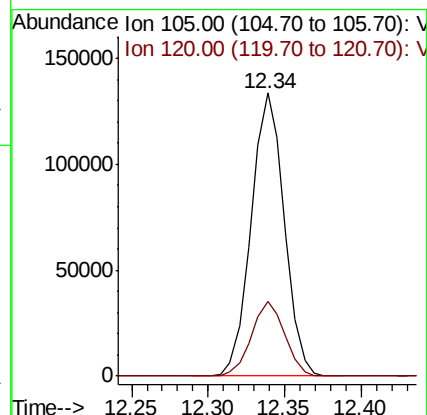
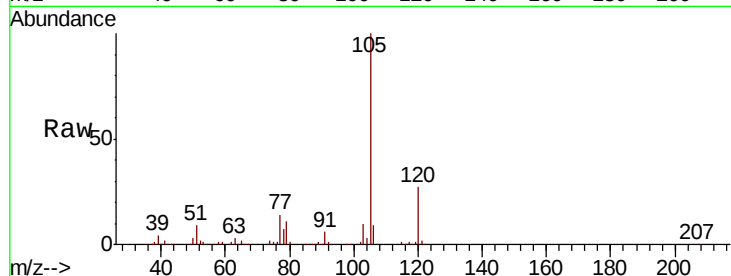
VY0409SBS01

Tot Ion:105 Resp: 200908

Ion Ratio Lower Upper

105 100

120 26.4 13.3 39.8



#74

N-ethyl acetate

Concen: 19.437 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.01 min

Lab File: VY002265.D

Acq: 09 Apr 2020 11:16

Tgt Ion: 43 Resp: 54743

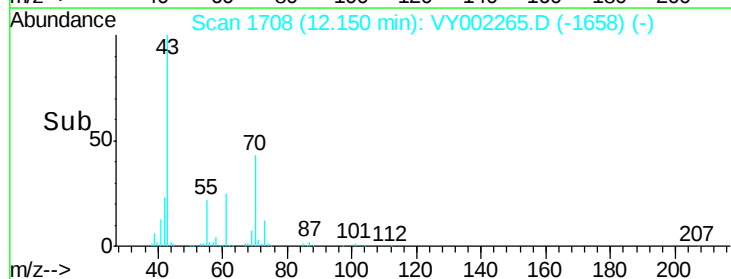
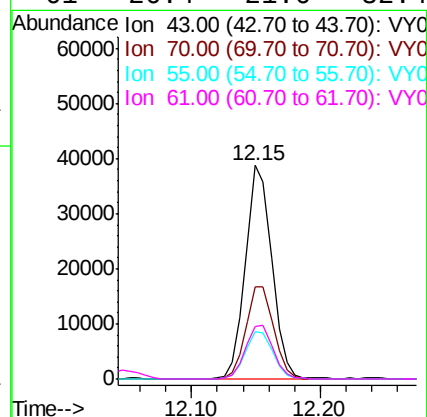
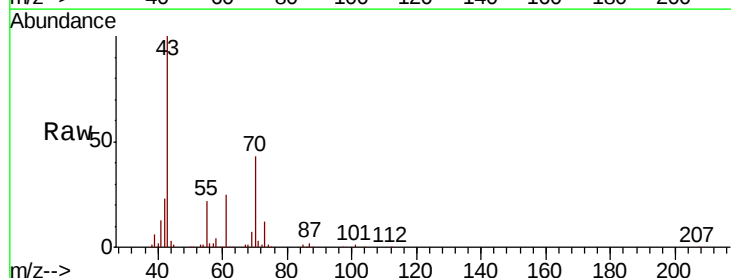
Ion Ratio Lower Upper

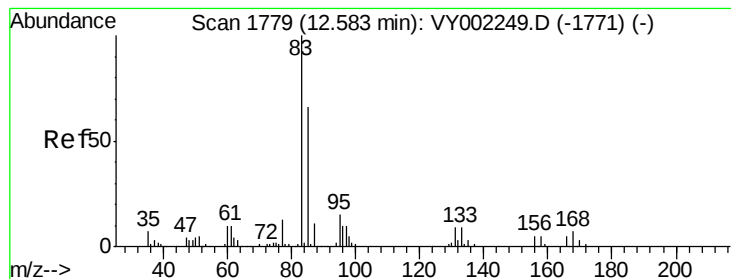
43 100

70 45.4 37.5 56.3

55 23.3 19.0 28.6

61 26.4 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 21.023 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VY002265.D

Acq: 09 Apr 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0409SBS01

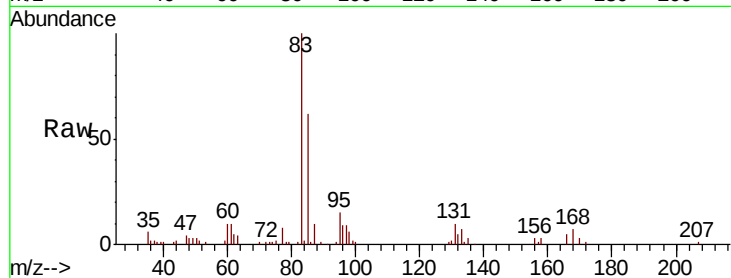
Tot Ion: 83 Resp: 25236

Ion Ratio Lower Upper

83 100

131 9.5 4.9 14.7

85 65.0 32.6 97.8



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0

12.59

15000

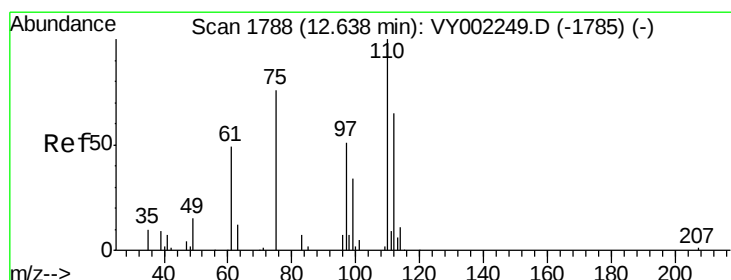
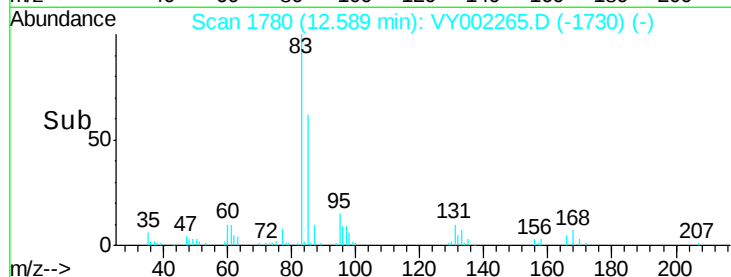
10000

5000

0

12.55 12.60 12.65

Time-->



#76

1,2,3-Trichloropropane

Concen: 35.998 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VY002265.D

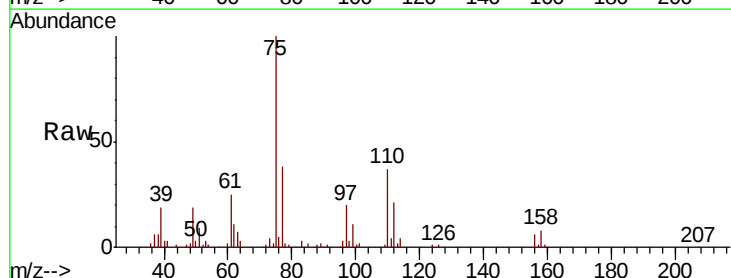
Acq: 09 Apr 2020 11:16

Tgt Ion: 75 Resp: 52793

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0

60000

50000

40000

30000

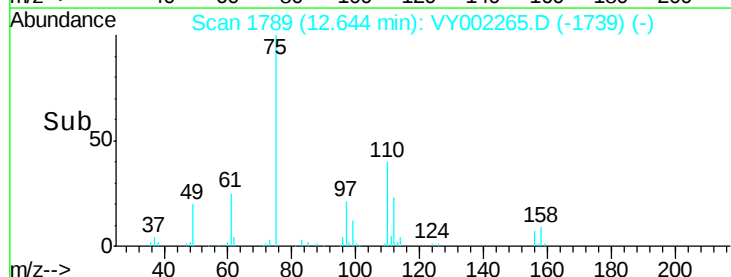
20000

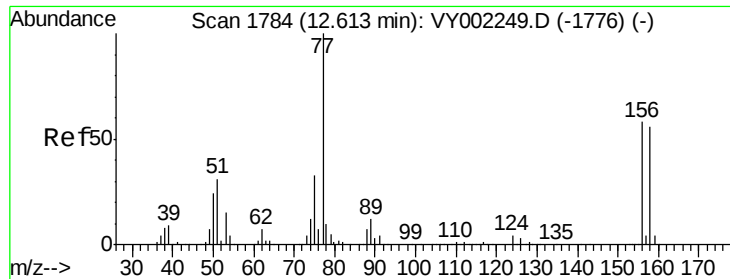
10000

0

12.60 12.70

Time-->





#77

Bromobenzene

Concen: 19.719 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY002265.D

Acq: 09 Apr 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0409SBS01

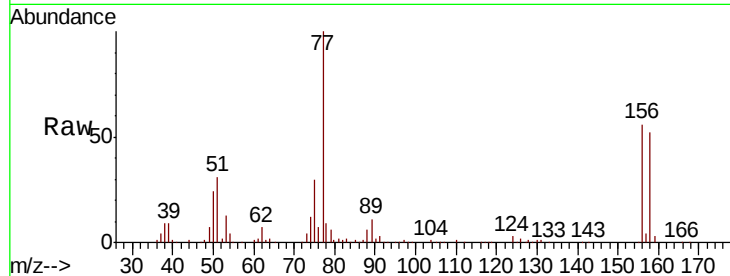
Tot Ion:156 Resp: 43044

Ion Ratio Lower Upper

156 100

77 206.1 101.3 303.9

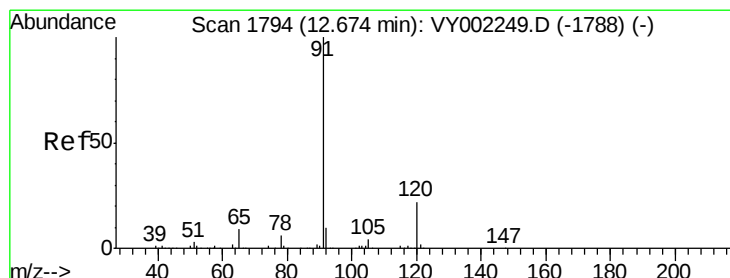
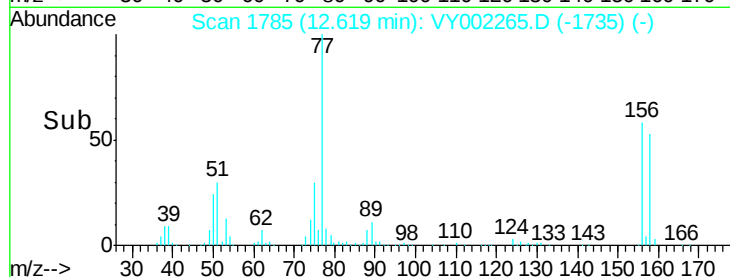
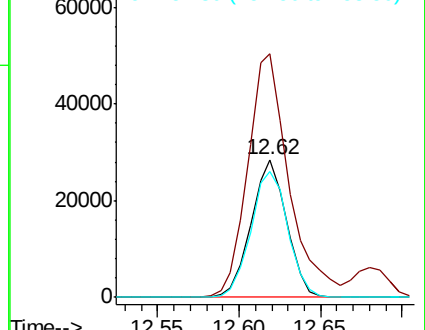
158 95.4 48.3 144.8



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: 20.152 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.01 min

Lab File: VY002265.D

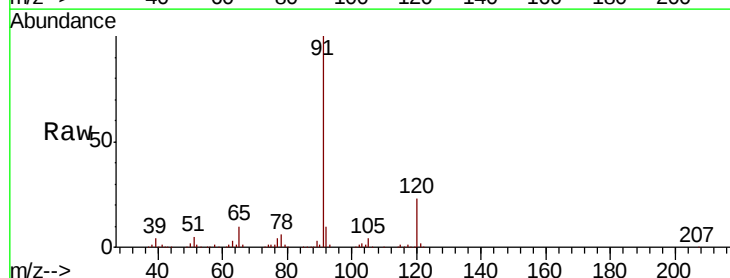
Acq: 09 Apr 2020 11:16

Tgt Ion: 91 Resp: 248677

Ion Ratio Lower Upper

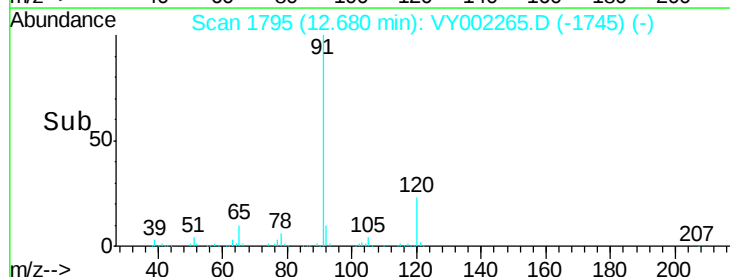
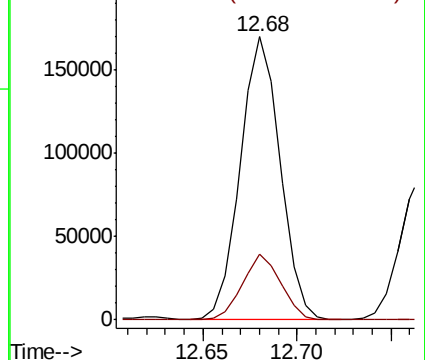
91 100

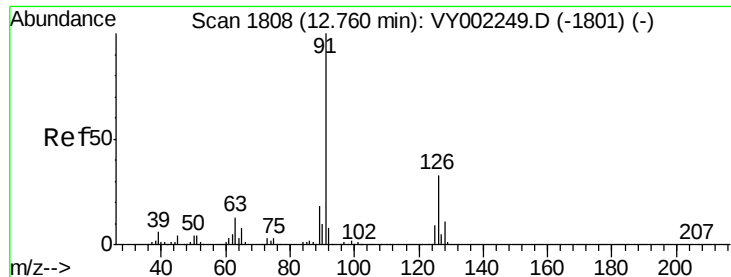
120 22.2 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

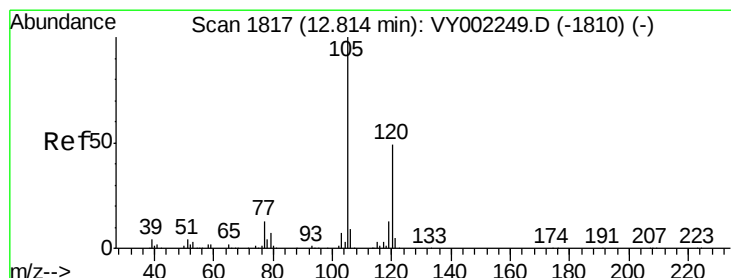
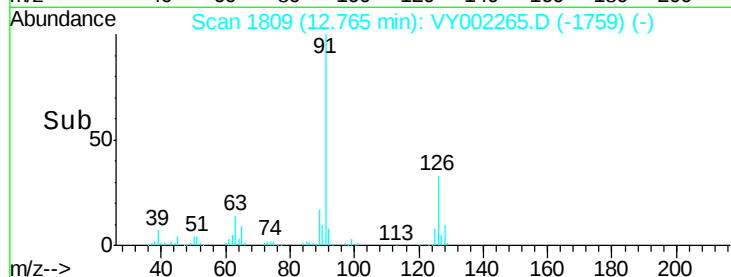
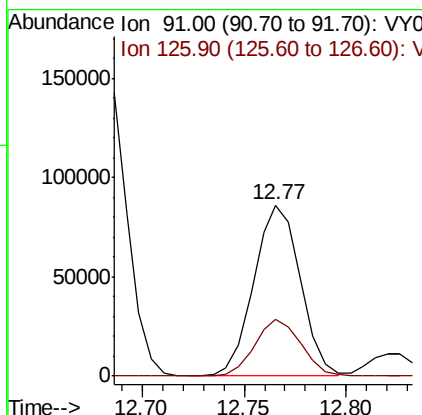
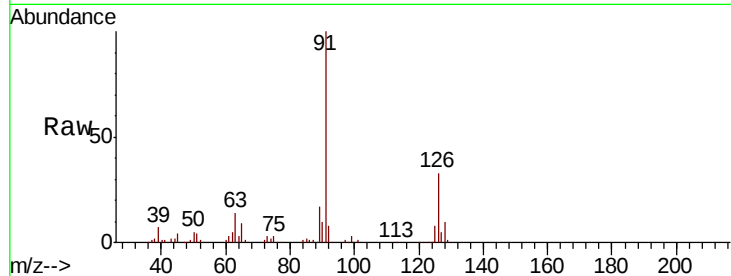




#79
 2-Chlorotoluene
 Concen: 20.338 ug/l
 RT: 12.77 min Scan# 1809
 Delta R.T. 0.01 min
 Lab File: VY002265.D
 Acq: 09 Apr 2020 11:16

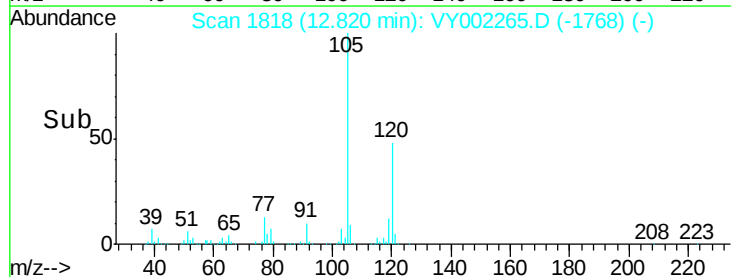
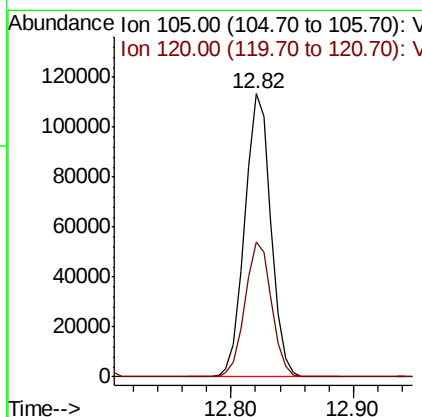
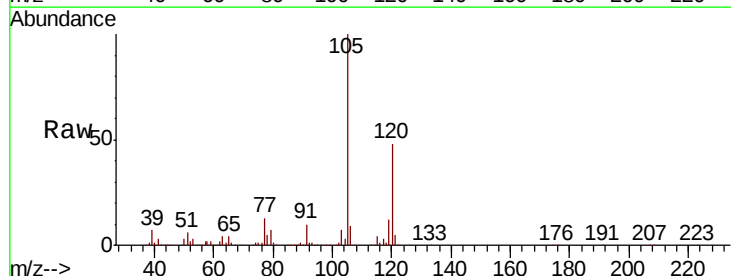
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0409SBS01

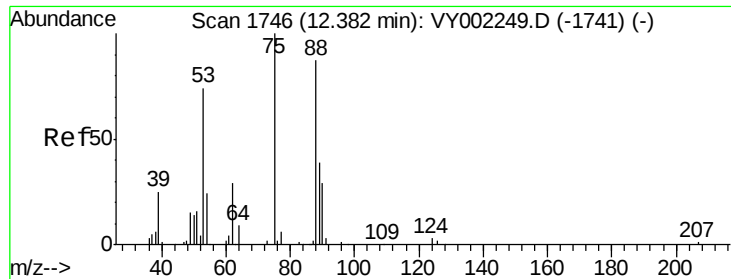
Tot Ion: 91 Resp: 136385
 Ion Ratio Lower Upper
 91 100
 126 33.0 16.9 50.7



#80
 1,3,5-Trimethylbenzene
 Concen: 20.501 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. 0.01 min
 Lab File: VY002265.D
 Acq: 09 Apr 2020 11:16

Tgt Ion:105 Resp: 168226
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.7 74.1

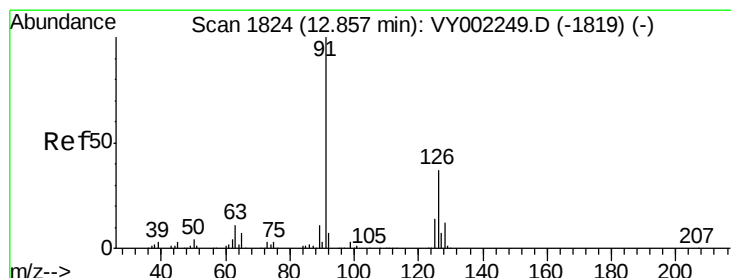
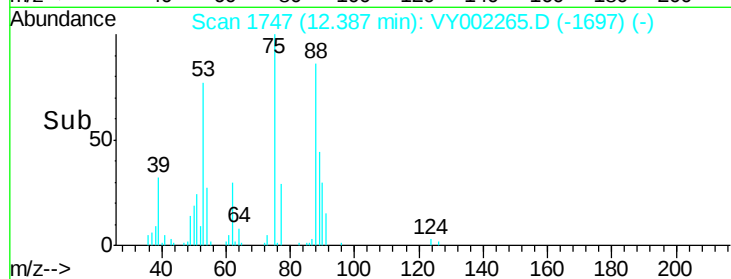
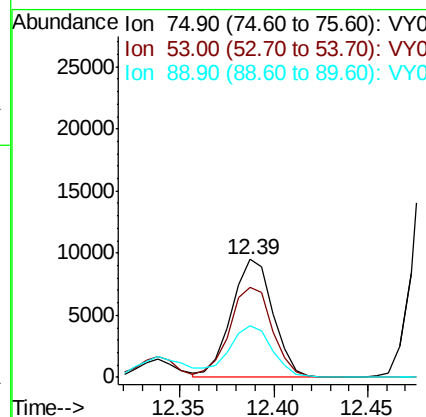
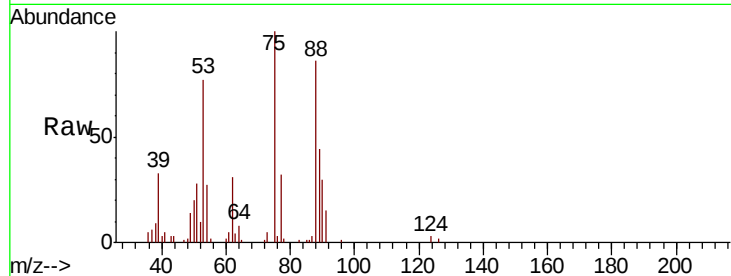




#81
trans-1,4-Dichloro-2-butene
Concen: 19.303 ug/l
RT: 12.39 min Scan# 1747
Delta R.T. 0.01 min
Lab File: VY002265.D
Acq: 09 Apr 2020 11:16

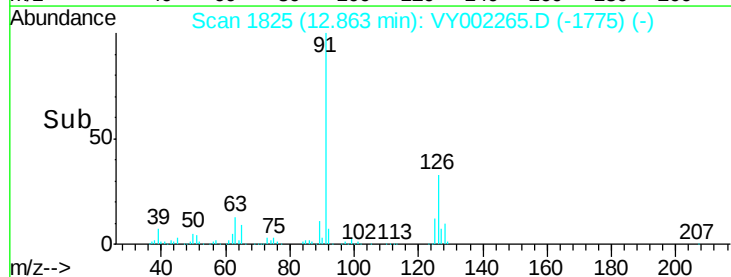
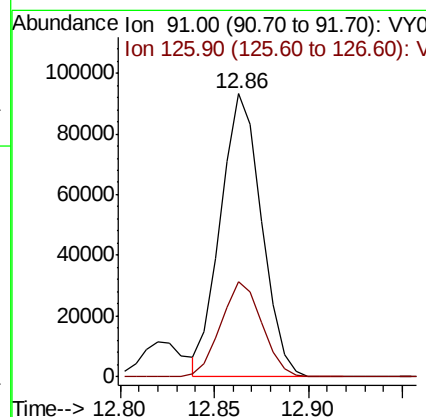
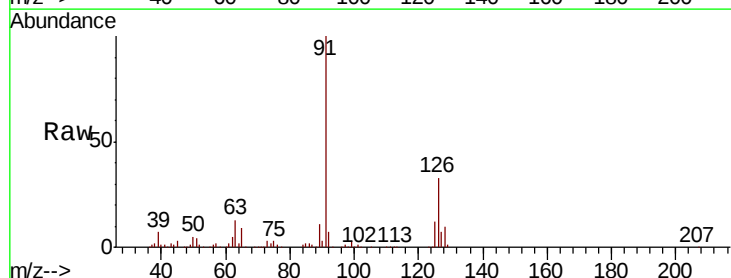
Instrument :
MSVOA_Y
ClientSampleId :
VY0409SBS01

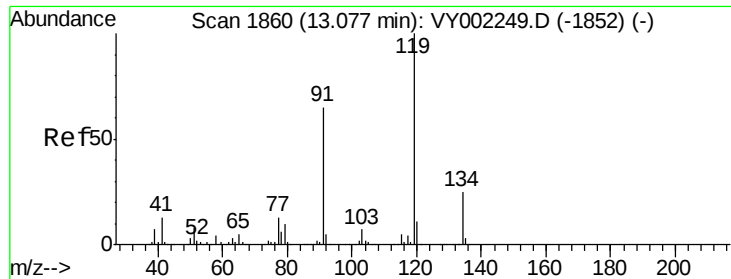
Tot Ion	Ratio	Lower	Upper
75	100		
53	79.0	59.8	89.8
89	44.7	37.0	55.6



#82
4-Chlorotoluene
Concen: 20.069 ug/l
RT: 12.86 min Scan# 1825
Delta R.T. 0.01 min
Lab File: VY002265.D
Acq: 09 Apr 2020 11:16

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.7	16.9	50.7

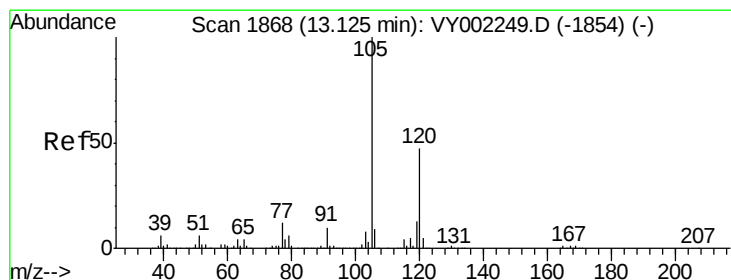
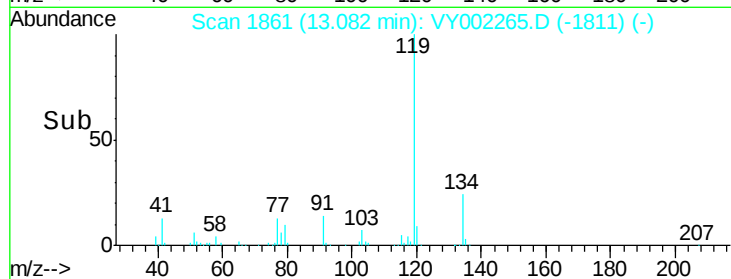
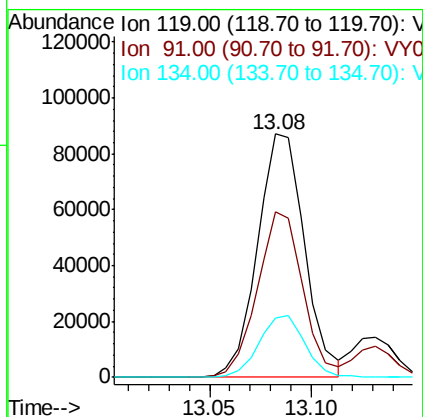
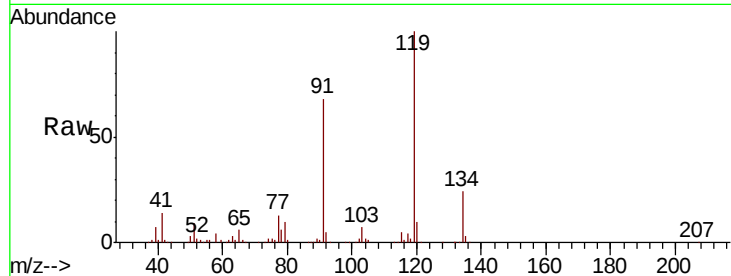




#83
 tert-Butylbenzene
 Concen: 20.362 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. 0.01 min
 Lab File: VY002265.D
 Acq: 09 Apr 2020 11:16

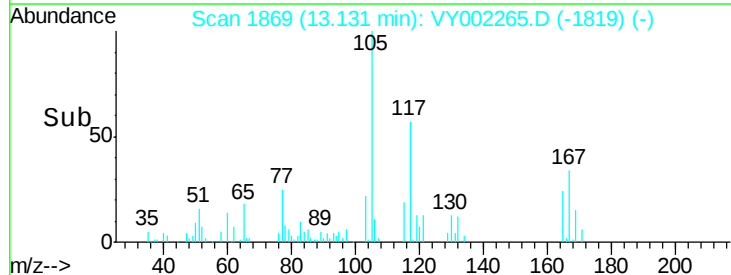
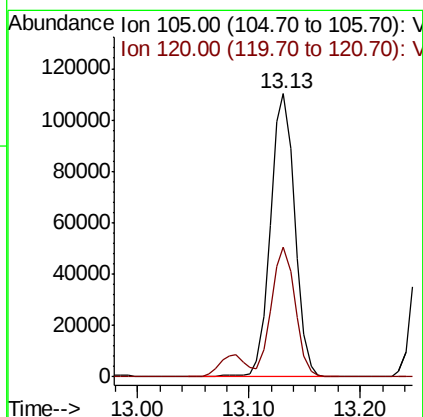
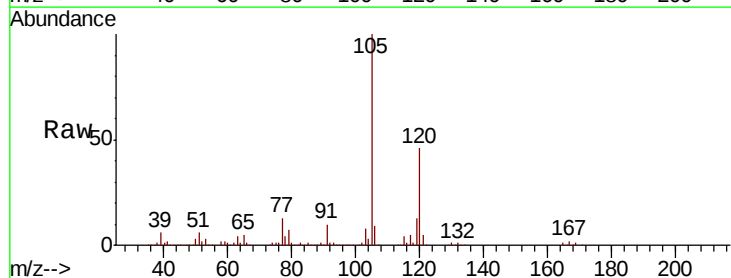
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0409SBS01

Tot Ion:119 Resp: 139954
 Ion Ratio Lower Upper
 119 100
 91 65.7 32.4 97.0
 134 24.9 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 20.496 ug/l
 RT: 13.13 min Scan# 1869
 Delta R.T. 0.01 min
 Lab File: VY002265.D
 Acq: 09 Apr 2020 11:16

Tgt Ion:105 Resp: 167945
 Ion Ratio Lower Upper
 105 100
 120 44.7 23.1 69.2





#85

sec-Butylbenzene

Concen: 20.451 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VY002265.D

Acq: 09 Apr 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

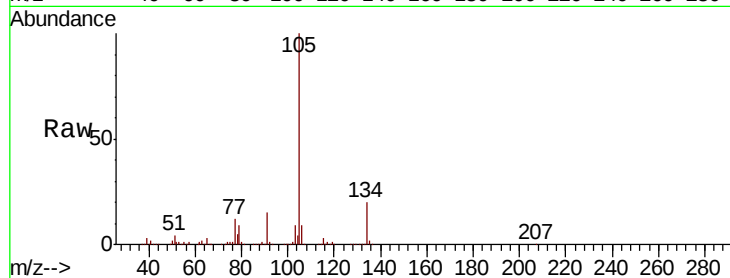
VY0409SBS01

Tot Ion:105 Resp: 209395

Ion Ratio Lower Upper

105 100

134 19.7 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.27

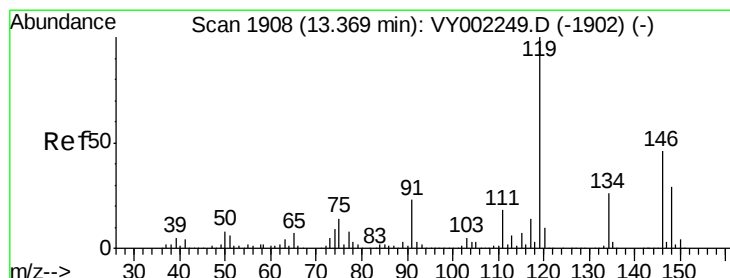
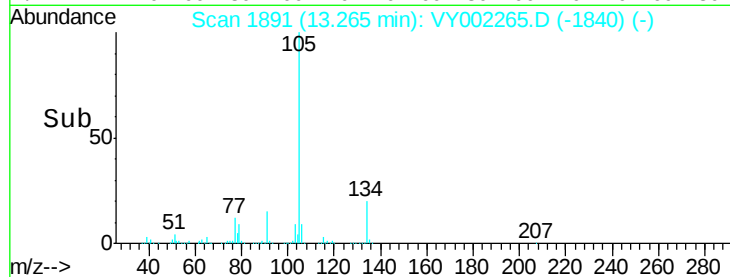
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.861 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY002265.D

Acq: 09 Apr 2020 11:16

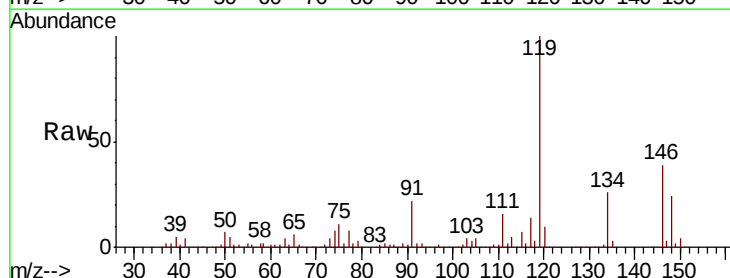
Tgt Ion:119 Resp: 183835

Ion Ratio Lower Upper

119 100

134 25.9 13.3 39.9

91 22.4 11.5 34.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.38

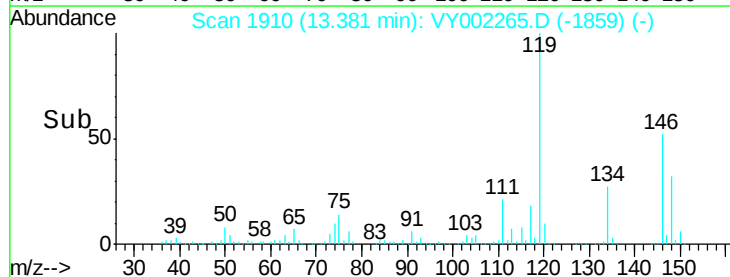
150000

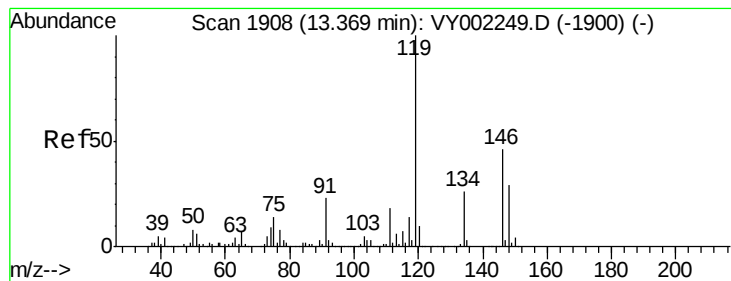
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 20.356 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.01 min

Lab File: VY002265.D

Acq: 09 Apr 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0409SBS01

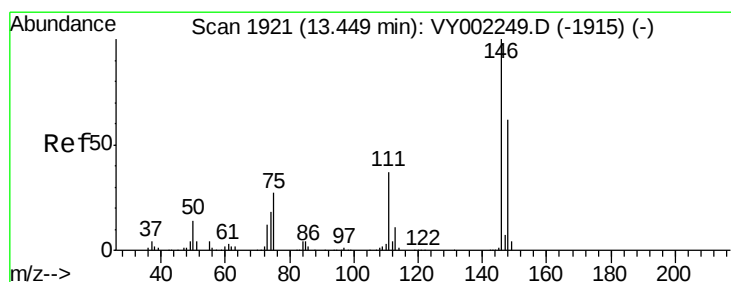
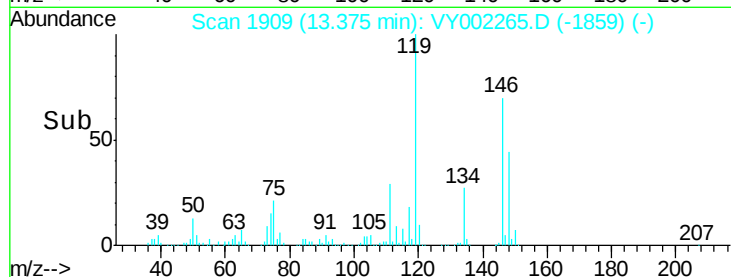
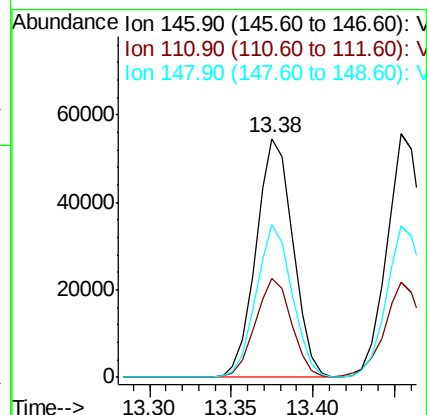
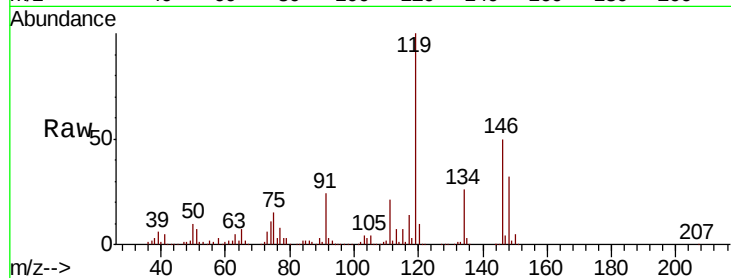
Tot Ion:146 Resp: 86115

Ion Ratio Lower Upper

146 100

111 40.6 20.3 60.8

148 62.4 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 20.075 ug/l

RT: 13.45 min Scan# 1922

Delta R.T. 0.01 min

Lab File: VY002265.D

Acq: 09 Apr 2020 11:16

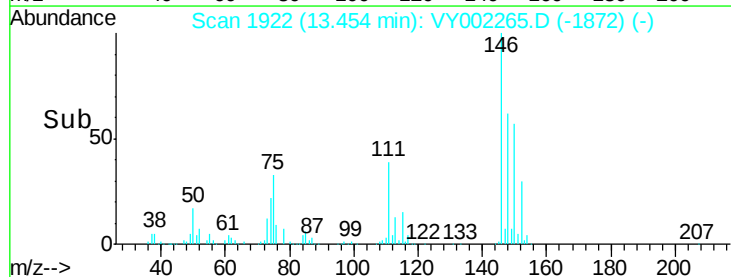
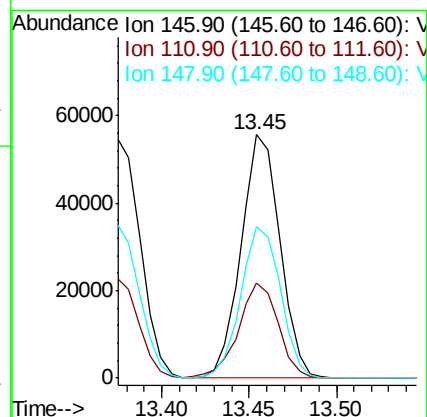
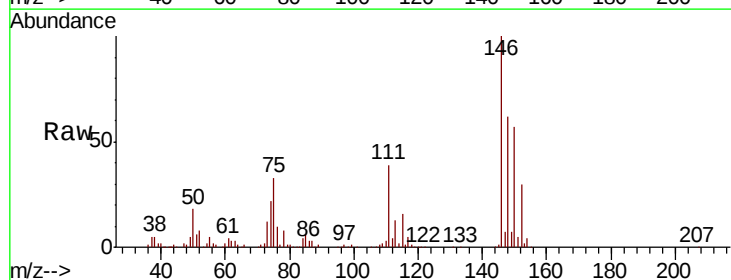
Tgt Ion:146 Resp: 86209

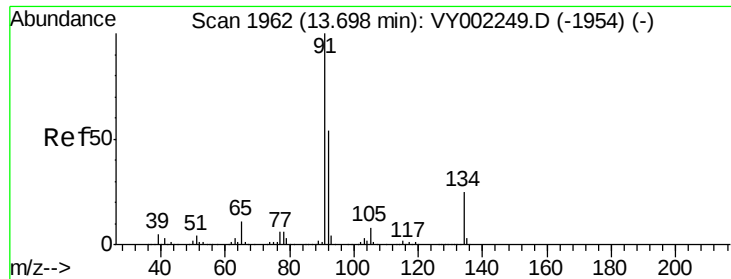
Ion Ratio Lower Upper

146 100

111 40.0 19.6 58.8

148 64.1 32.0 96.0

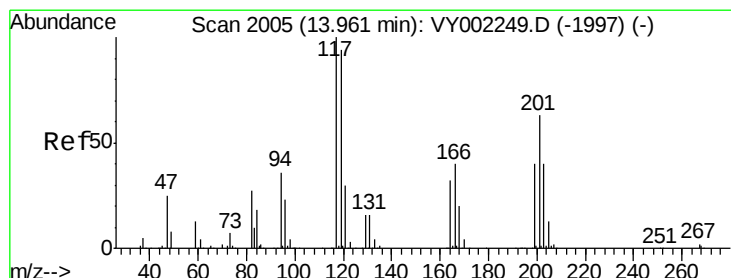
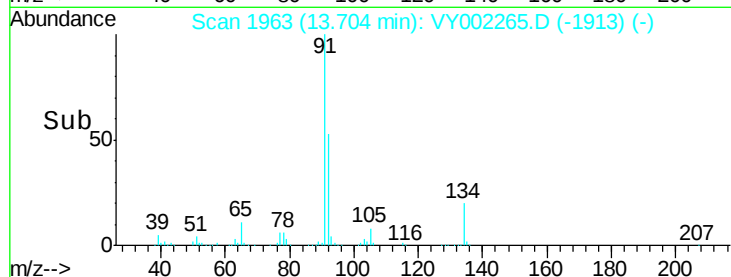
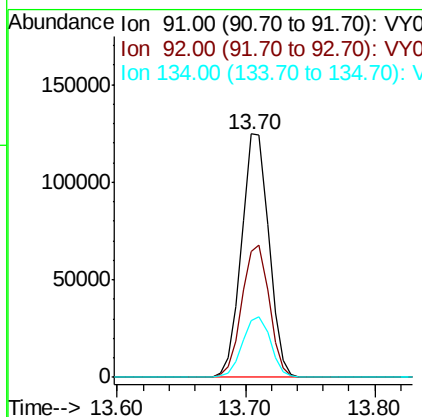
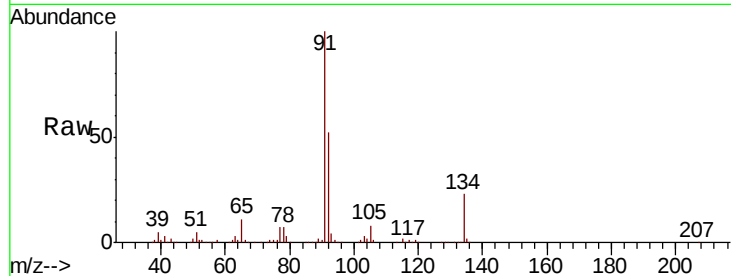




#89
n-Butylbenzene
Concen: 20.262 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.01 min
Lab File: VY002265.D
Acq: 09 Apr 2020 11:16

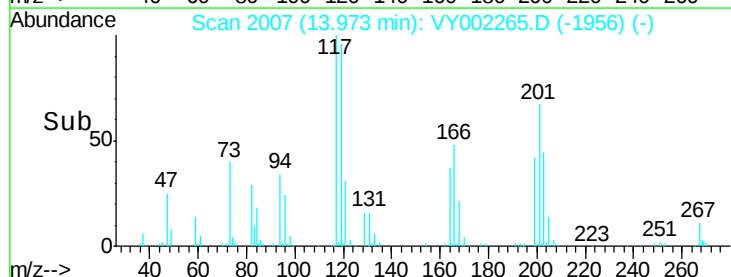
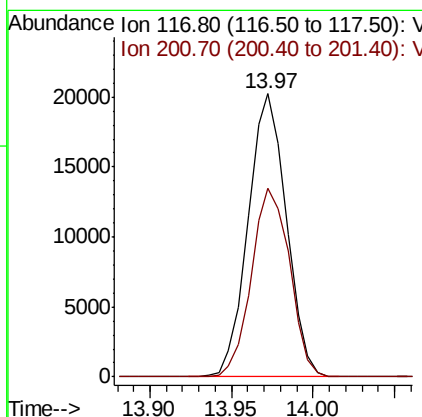
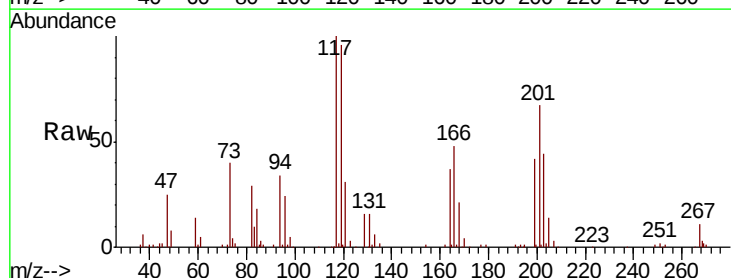
Instrument :
MSVOA_Y
ClientSampleId :
VY0409SBS01

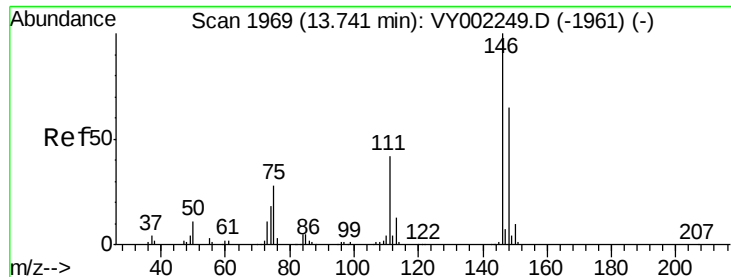
Tot Ion: 91 Resp: 183027
Ion Ratio Lower Upper
91 100
92 54.2 27.2 81.6
134 25.5 12.7 38.0



#90
Hexachloroethane
Concen: 19.652 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.01 min
Lab File: VY002265.D
Acq: 09 Apr 2020 11:16

Tgt Ion: 117 Resp: 33001
Ion Ratio Lower Upper
117 100
201 66.7 33.1 99.2

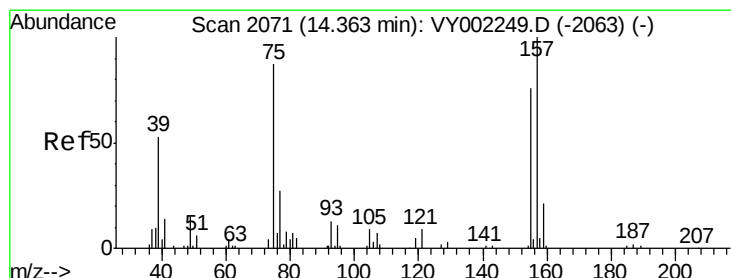
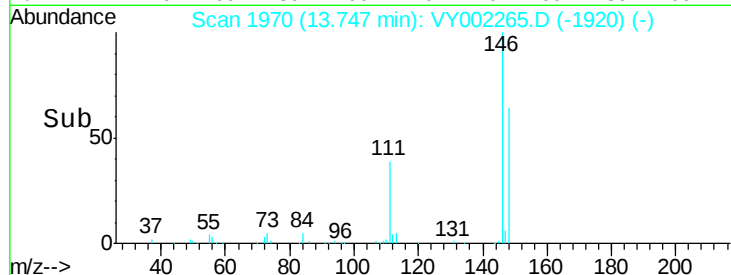
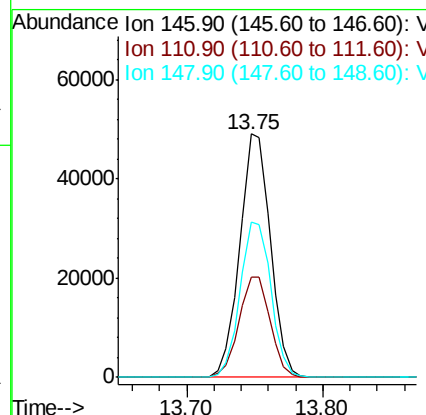
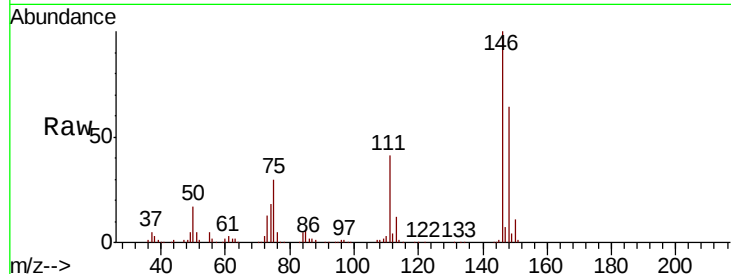




#91
 1,2-Dichlorobenzene
 Concen: 20.041 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.01 min
 Lab File: VY002265.D
 Acq: 09 Apr 2020 11:16

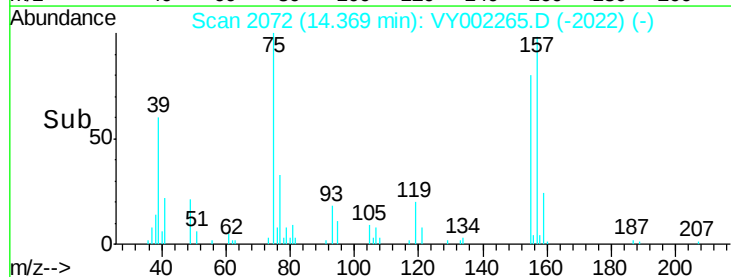
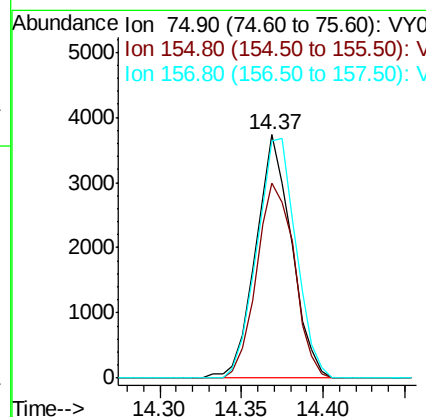
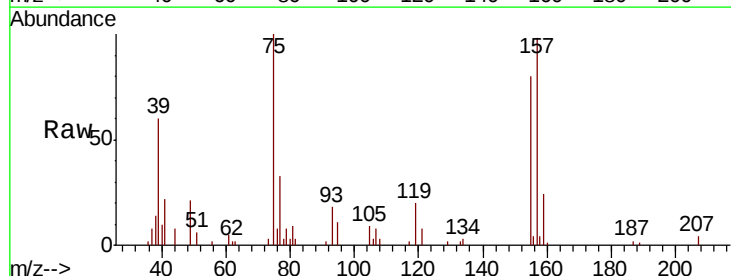
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0409SBS01

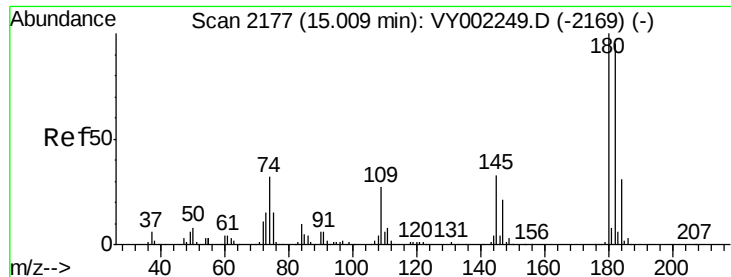
Tot Ion:146 Resp: 77041
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.1 63.1
 148 64.2 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.612 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VY002265.D
 Acq: 09 Apr 2020 11:16

Tgt Ion: 75 Resp: 5694
 Ion Ratio Lower Upper
 75 100
 155 84.2 43.6 130.8
 157 107.6 56.0 168.2

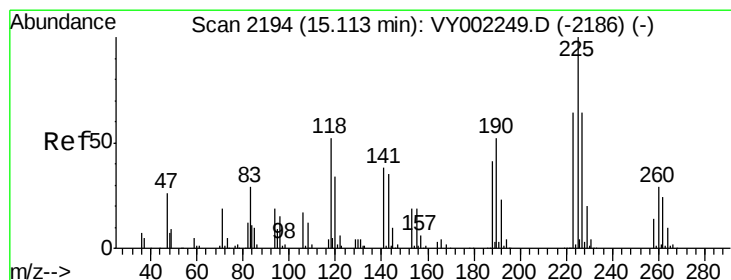
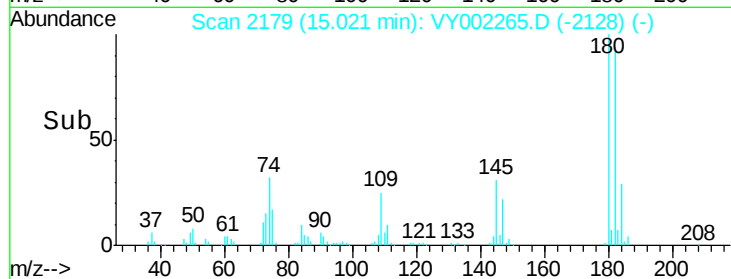
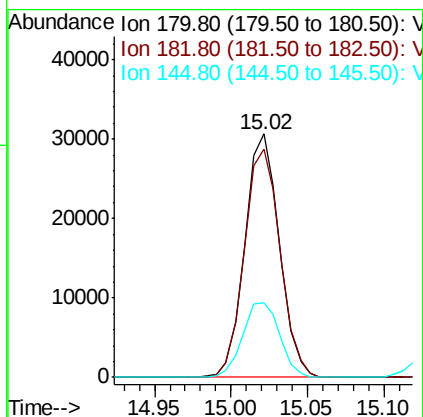
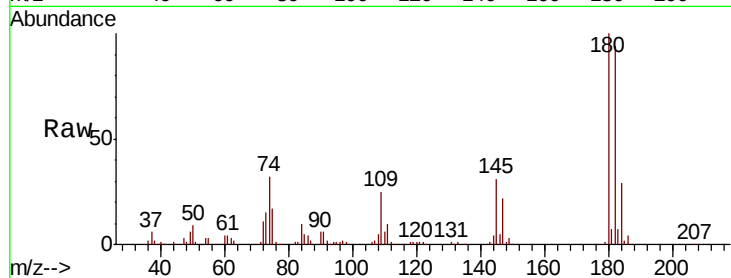




#93
 1,2,4-Trichlorobenzene
 Concen: 19.107 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.01 min
 Lab File: VY002265.D
 Acq: 09 Apr 2020 11:16

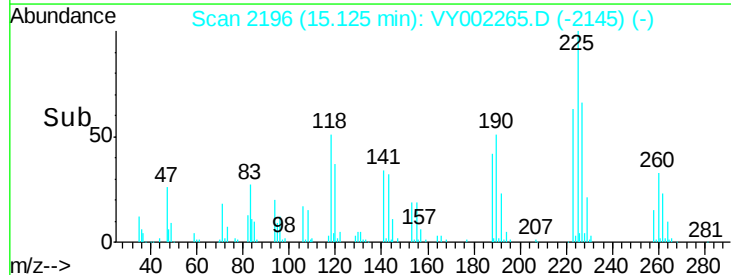
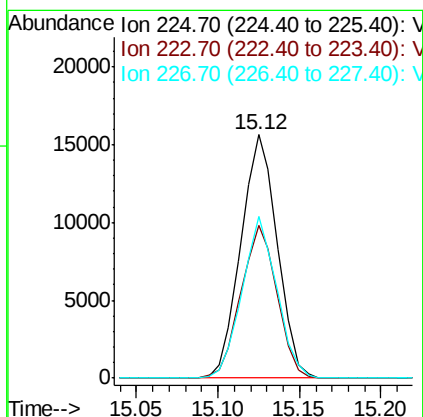
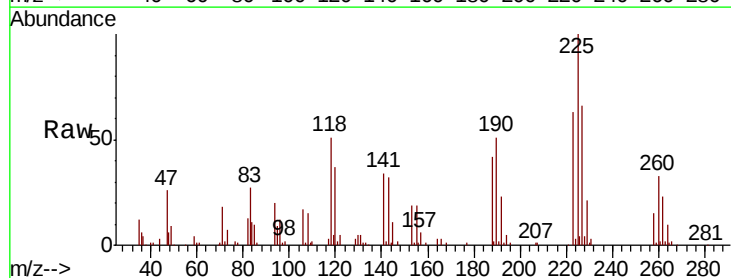
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0409SBS01

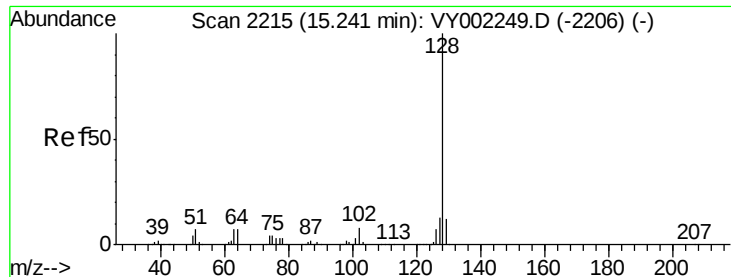
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.5	47.9	143.7
145	33.1	16.0	48.0



#94
 Hexachlorobutadiene
 Concen: 19.209 ug/l
 RT: 15.12 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY002265.D
 Acq: 09 Apr 2020 11:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	31.0	93.0
227	63.3	31.3	93.9





#95

Naphthalene

Concen: 18.931 ug/l

RT: 15.25 min Scan# 2217

Delta R.T. 0.01 min

Lab File: VY002265.D

Acq: 09 Apr 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0409SBS01

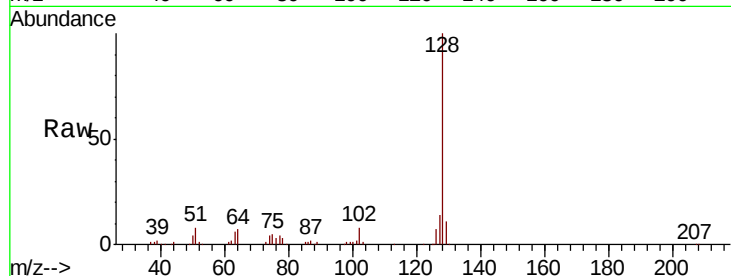
Tot Ion:128 Resp: 104150

Ion Ratio Lower Upper

128 100

127 12.8 10.1 15.1

129 10.8 8.7 13.1



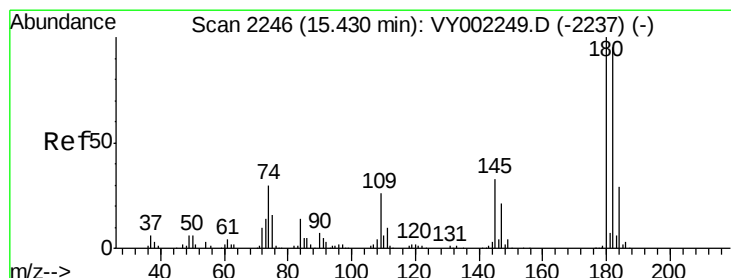
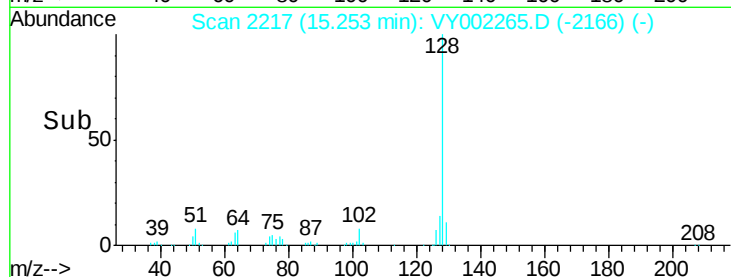
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

15.25

Time-->



#96

1,2,3-Trichlorobenzene

Concen: 19.313 ug/l

RT: 15.44 min Scan# 2247

Delta R.T. 0.01 min

Lab File: VY002265.D

Acq: 09 Apr 2020 11:16

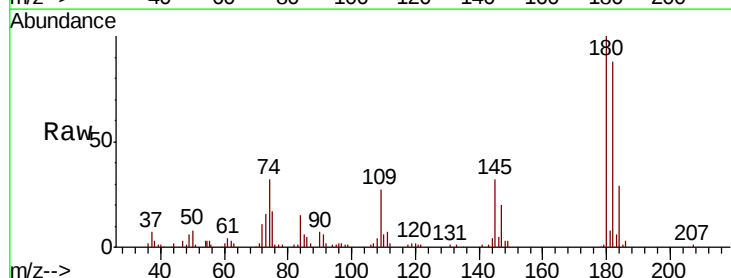
Tgt Ion:180 Resp: 42135

Ion Ratio Lower Upper

180 100

182 93.1 47.1 141.3

145 33.5 16.7 50.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

15.44

Time-->

